

PATTERSON & DEWAR ENGINEERS, INC.

Norcross, Georgia

PRIMARY ANALYSIS – ELECTRIC DISTRIBUTION

Output Legend

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

Output Legend (Continued)

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

Output Legend (Continued)

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

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

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

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

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

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

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

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

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
SUB 21	EMMANUEL(21)			3056		4961	5073	5272	196	16346				
SUB 21,	CKT 1													
BK2101	EMMANUEL(21)	0.00	741 3-	BK2101	4961	5073	5272	196	3902	163	41	0.00	0.00	0
10560096	BK2101	0.04	741 3-	336 ACSR 18/1	4879	4973	5126	196	3902	163	31	0.06	0.03	101
10560100	10560096	0.12	741 3-	336 ACSR 18/1	4714	4771	4837	196	3901	163	31	0.12	0.11	216
10560103	10560100	0.20	740 3-	336 ACSR 18/1	4571	4599	4598	195	3897	163	31	0.11	0.17	198
10560086	10560103	0.41	739 3-	336 ACSR 18/1	4224	4190	4054	195	3884	162	31	0.30	0.35	527
10660177	10560086	0.48	737 3-	336 ACSR 18/1	4121	4071	3902	195	3863	162	31	0.10	0.41	171
10660179	10660177	0.52	734 3-	336 ACSR 18/1	4065	4006	3821	195	3850	161	30	0.06	0.44	97
10660170	10660179	0.55	734 3-	336 ACSR 18/1	4018	3952	3753	195	3849	161	30	0.05	0.47	84
10660167	10660170	0.60	731 3-	336 ACSR 18/1	3952	3877	3660	195	3838	161	30	0.07	0.51	118
10660168	10660167	0.67	730 3-	336 ACSR 18/1	3866	3780	3542	194	3823	160	30	0.09	0.57	159
10660151	10660168	0.81	729 3-	336 ACSR 18/1	3687	3581	3303	194	3820	160	30	0.20	0.69	352
10660139	10660151	0.93	728 3-	336 ACSR 18/1	3546	3427	3123	194	3808	160	30	0.17	0.79	300
10660140	10660139	1.02	728 3-	336 ACSR 18/1	3453	3326	3007	194	3805	160	30	0.12	0.86	212
10660081	10660140	1.08	728 3-	4/0 ACSR 6/1	3379	3247	2917	193	3803	160	47	0.12	0.93	228
10660115	10660081	1.12	726 3-	4/0 ACSR 6/1	3324	3190	2852	193	3790	159	47	0.09	0.99	173
10660116	10660115	1.21	725 3-	4/0 ACSR 6/1	3224	3085	2736	193	3783	159	47	0.17	1.10	331
D10-66-P075	10660116	1.21	2 1-	FUS-60	0	0	2736	193	11	2	0.00	0.94	0	
10660131	D10-66-P075	1.30	2 1-	2 ACSR 6/1	0	0	2590	192	11	1	0.00	0.94	0	
10660144	10660116	1.32	708 3-	4/0 ACSR 6/1	3106	2962	2602	193	3699	156	46	0.21	1.23	394
10660143	10660144	1.35	2 1-	2 ACSR 6/1	0	0	2544	192	8	1	0.00	2.03	0	
10660156	10660144	1.36	702 3-	4/0 ACSR 6/1	3062	2916	2553	192	3669	154	46	0.08	1.28	152
10660157	10660156	1.42	700 3-	4/0 ACSR 6/1	2995	2846	2478	192	3660	154	45	0.13	1.36	242
10660113	10660157	1.54	623 3-	4/0 ACSR 6/1	2885	2733	2359	192	3130	132	39	0.17	1.48	298
10760034	10660113	1.64	69 3-	1/0 ACSR 6/1	2777	2621	2253	191	291	12	5	0.02	1.50	14
D10-66-P216	10760034	1.64	69 3-	REC-50-4H	2777	2621	2253	191	291	12	25	0.00	1.50	0
10660118	D10-66-P216	1.69	66 3-	1/0 ACSR 6/1	2727	2568	2204	191	277	11	5	0.01	1.51	7
10660119	10660118	1.95	65 3-	1/0 ACSR 6/1	2477	2312	1968	190	268	11	5	0.03	1.55	34
10660114	10660119	2.03	64 3-	2 ACSR 6/1	2403	2236	1900	189	262	11	6	0.01	1.57	14
10760035	10660114	2.06	61 3-	2 ACSR 6/1	2371	2202	1870	189	248	10	6	0.00	1.58	6
10760036	10760035	2.09	60 3-	2 ACSR 6/1	2342	2172	1844	188	241	10	6	0.00	1.59	5
10760038	10760036	2.14	2 1-	2 ACSR 6/1	0	0	1806	188	16	2	1	0.00	1.65	0
10760026	10760038	2.25	1 1-	2 ACSR 6/1	0	0	1718	187	5	0	0.00	1.65	0	
10760037	10760036	2.21	55 1-	2 ACSR 6/1	0	0	1751	188	220	28	16	0.09	1.74	16
D10-76-P056	10760037	2.21	55 1-	REC-35-H	0	0	1751	188	219	28	80	0.00	1.74	0
10760021	D10-76-P056	2.29	55 1-	2 ACSR 6/1	0	0	1688	187	219	28	16	0.07	1.81	12
10760023	10760021	2.39	8 1-	2 ACSR 6/1	0	0	1622	186	21	2	1	0.01	1.82	0
10760024	10760023	2.49	5 1-	2 ACSR 6/1	0	0	1556	185	17	2	1	0.01	1.82	0
10760025	10760024	2.60	4 1-	2 ACSR 6/1	0	0	1490	184	15	1	1	0.01	1.83	0
10760027	10760025	3.13	3 1-	2 ACSR 6/1	0	0	1233	180	12	1	1	0.01	1.84	0
10760020	10760021	2.36	47 1-	2 ACSR 6/1	0	0	1643	186	199	25	14	0.05	1.86	7
10760029	10760020	2.45	46 1-	2 ACSR 6/1	0	0	1581	186	195	24	14	0.06	1.92	10
10760030	10760029	2.54	45 1-	2 ACSR 6/1	0	0	1526	185	186	23	13	0.06	1.98	9
10760031	10760030	2.57	43 1-	2 ACSR 6/1	0	0	1507	185	184	23	13	0.02	2.00	3
10760032	10760031	2.67	42 1-	2 ACSR 6/1	0	0	1450	184	181	23	13	0.06	2.07	9
10750053	10760032	2.72	18 1-	2 ACSR 6/1	0	0	1425	184	74	9	5	0.01	2.08	0
10750054	10750053	2.78	17 1-	2 ACSR 6/1	0	0	1394	183	71	9	5	0.01	2.09	0
10750055	10750054	2.87	15 1-	2 ACSR 6/1	0	0	1347	182	61	7	4	0.02	2.12	0
10750077	10750055	2.97	14 1-	2 ACSR 6/1	0	0	1305	182	60	7	4	0.02	2.13	0
10750079	10750077	3.00	6 1-	2 ACSR 6/1	0	0	1288	181	31	3	2	0.00	2.14	0
10750113	10750079	3.04	1 1-	2 ACSR 6/1	0	0	1272	181	9	1	1	0.00	2.14	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10750074	10750079	3.07	2 1-	2 ACSR 6/1	0	0	1260	181	5	0	0	0.00	2.14	0
10750078	10750077	3.01	6 1-	2 ACSR 6/1	0	0	1287	181	18	2	1	0.00	2.14	0
10750076	10750078	3.04	3 1-	2 ACSR 6/1	0	0	1270	181	10	1	1	0.00	2.14	0
10750112	10750076	3.09	2 1-	2 ACSR 6/1	0	0	1253	181	7	0	1	0.00	2.14	0
10760042	10750112	3.14	1 1-	2 ACSR 6/1	0	0	1231	180	1	0	0	0.00	2.14	0
10760041	10750112	3.15	1 1-	2 ACSR 6/1	0	0	1225	180	6	0	0	0.00	2.14	0
10750052	10760032	2.72	1 1-	2 ACSR 6/1	0	0	1426	184	6	0	0	0.00	2.07	0
10750051	10760032	2.77	22 1-	2 ACSR 6/1	0	0	1401	183	99	12	7	0.03	2.10	3
10750083	10750051	2.85	19 1-	2 ACSR 6/1	0	0	1361	183	66	8	5	0.02	2.12	0
10750086	10750083	2.94	18 1-	2 ACSR 6/1	0	0	1317	182	62	7	4	0.02	2.14	0
10750110	10750086	3.00	3 1-	2 ACSR 6/1	0	0	1292	181	8	1	1	0.00	2.14	0
10750111	10750110	3.10	2 1-	2 ACSR 6/1	0	0	1248	181	3	0	0	0.00	2.14	0
10750116	10750111	3.17	0 1-	2 ACSR 6/1	0	0	1220	180	0	0	0	0.00	2.14	0
10750087	10750086	2.98	3 1-	2 ACSR 6/1	0	0	1300	182	10	1	1	0.00	2.14	0
10750109	10750087	3.10	2 1-	2 ACSR 6/1	0	0	1249	181	7	0	0	0.00	2.14	0
10750108	10750109	3.13	1 1-	2 ACSR 6/1	0	0	1235	180	6	0	0	0.00	2.14	0
10750071	10750086	3.02	6 1-	2 ACSR 6/1	0	0	1282	181	19	2	1	0.00	2.14	0
10750068	10750071	3.16	2 1-	2 ACSR 6/1	0	0	1224	180	10	1	1	0.00	2.15	0
10750069	10750068	3.22	1 1-	2 ACSR 6/1	0	0	1200	180	3	0	0	0.00	2.15	0
10750056	10750071	3.15	3 1-	2 ACSR 6/1	0	0	1227	180	7	0	0	0.00	2.15	0
10750072	10750056	3.24	1 1-	2 ACSR 6/1	0	0	1190	180	3	0	0	0.00	2.15	0
10750070	10750056	3.20	2 1-	2 ACSR 6/1	0	0	1205	180	4	0	0	0.00	2.15	0
10750073	10750056	3.44	0 1-	2 ACSR 6/1	0	0	1120	178	0	0	0	0.00	2.15	0
10750075	10750051	2.80	3 1-	2 ACSR 6/1	0	0	1383	183	33	4	2	0.00	2.11	0
10750080	10750075	2.83	2 1-	2 ACSR 6/1	0	0	1369	183	24	3	2	0.00	2.11	0
10750082	10750080	2.91	1 1-	2 ACSR 6/1	0	0	1331	182	9	1	1	0.00	2.11	0
10750081	10750080	2.87	1 1-	2 ACSR 6/1	0	0	1349	182	15	1	1	0.00	2.11	0
10760028	10760020	2.44	1 1-	2 ACSR 6/1	0	0	1585	186	4	0	0	0.00	1.86	0
10660161	10660119	2.02	1 1-	2 ACSR 6/1	0	0	1908	189	5	0	0	0.00	0.68	0
10660117	D10-66-P216	1.65	3 1-	2 ACSR 6/1	0	0	2239	191	14	1	1	0.00	2.42	0
10760022	10660113	2.00	553 3-	4/0 ACSR 6/1	2513	2356	1979	190	2826	119	35	0.60	1.90	979
10770127	10760022	2.12	3 1-	2 ACSR 6/1	0	0	1873	189	18	2	1	0.01	3.02	0
10770129	10770127	2.16	2 1-	2 ACSR 6/1	0	0	1842	189	11	1	1	0.00	3.02	0
10770130	10770129	2.18	1 1-	2 ACSR 6/1	0	0	1819	189	11	1	1	0.00	3.02	0
10770086	10770129	2.21	1 1-	2 ACSR 6/1	0	0	1797	189	0	0	0	0.00	3.02	0
10770134	10770086	2.25	1 1-	2 ACSR 6/1	0	0	1765	188	0	0	0	0.00	3.02	0
10770131	10770086	2.26	0 1-	2 ACSR 6/1	0	0	1763	188	0	0	0	0.00	3.02	0
10770126	10760022	2.09	3 1-	2 ACSR 6/1	0	0	1895	189	7	0	0	0.00	3.01	0
10770125	10760022	2.08	547 3-	4/0 ACSR 6/1	2457	2299	1923	190	2793	118	35	0.10	1.97	171
10770081	10770125	2.14	408 3-	4/0 ACSR 6/1	2419	2262	1887	190	1953	82	24	0.03	2.00	55
10770079	10770081	2.25	407 3-	4/0 ACSR 6/1	2346	2189	1817	189	1946	82	24	0.05	2.07	112
10770133	10770079	2.34	1 1-	2 ACSR 6/1	0	0	1751	189	2	0	0	0.00	1.66	0
10770080	10770079	2.30	406 3-	4/0 ACSR 6/1	2314	2157	1786	189	1943	82	24	0.02	2.10	52
C10-77-P52	10770080	2.30	0 3-	Capacitor	2314	2157	1786	189	0	-13	0	0.00	2.10	0
10770106	10770080	2.39	406 3-	4/0 ACSR 6/1	2264	2108	1739	189	1943	83	25	0.05	2.16	85
10770103	10770106	2.50	404 3-	4/0 ACSR 6/1	2203	2048	1683	189	1928	82	24	0.07	2.24	106
D10-77-P061	10770103	2.50	3 1-	FUS-60	0	0	1683	189	11	1	2	0.00	3.34	0
10770087	D10-77-P061	2.52	3 1-	2 ACSR 6/1	0	0	1664	188	11	1	1	0.00	3.34	0
10770089	10770087	2.57	3 1-	2 ACSR 6/1	0	0	1635	188	11	1	1	0.00	3.34	0
10770090	10770089	2.63	3 1-	2 ACSR 6/1	0	0	1594	187	11	1	1	0.00	3.34	0
10760033	10770090	2.84	2 1-	2 ACSR 6/1	0	0	1475	186	9	1	1	0.00	3.35	0
10770128	10770103	2.61	401 3-	4/0 ACSR 6/1	2145	1990	1629	188	1916	82	24	0.07	2.32	108

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10870052	10770128	2.94	396 3-	4/0 ACSR 6/1	1981		1830	1482 187	1887	81 24	0.19	2.57	325	
D10-87-P034	10870052	2.94	4 1-	FUS-60	0	0		1482 187	22 2	5 0.00	3.59	0		
10870053	D10-87-P034	2.99	4 1-	2 ACSR 6/1	0	0		1458 187	22 2	2 0.00	3.59	0		
10870046	10870053	3.01	3 1-	2 ACSR 6/1	0	0		1447 186	14 1	1 0.00	3.59	0		
10870072	10870046	3.12	3 1-	2 ACSR 6/1	0	0		1393 186	14 1	1 0.01	3.60	0		
10870073	10870072	3.49	3 1-	2 ACSR 6/1	0	0		1234 183	14 1	1 0.01	3.61	0		
10860008	10870073	3.58	2 1-	2 ACSR 6/1	0	0		1200 182	6 0	0 0.00	3.61	0		
10860009	10860008	3.75	2 1-	2 ACSR 6/1	0	0		1141 181	6 0	0 0.00	3.62	0		
10870047	10870046	3.06	0 0-	2 ACSR 6/1	0	0		1422 186	0 0	0 0.00	3.59	0		
10870051	10870052	3.39	391 3-	4/0 ACSR 6/1	1801	1656		1325 185	1857	80 24	0.23	2.89	412	
10870040	10870051	3.43	390 3-	4/0 ACSR 6/1	1787	1643		1313 185	1839	79 23	0.02	2.91	35	
10870042	10870040	3.51	389 3-	4/0 ACSR 6/1	1756	1613		1287 185	1837	79 23	0.04	2.97	80	
10870043	10870042	3.60	388 3-	4/0 ACSR 6/1	1724	1583		1260 185	1827	78 23	0.05	3.04	83	
10870044	10870043	3.67	1 1-	2 ACSR 6/1	0	0		1236 184	0 0	0 0.00	3.93	0		
10870033	10870043	3.70	387 3-	4/0 ACSR 6/1	1692	1552		1233 184	1826	78 23	0.05	3.11	89	
10870037	10870033	3.74	1 1-	2 ACSR 6/1	0	0		1220 184	5 0	0 0.00	3.98	0		
10870066	10870033	3.96	386 3-	4/0 ACSR 6/1	1611	1474		1166 183	1820	78 23	0.13	3.29	235	
10960015	10870066	4.00	1 1-	2 ACSR 6/1	0	0		1154 183	4 0	0 0.00	4.10	0		
10960014	10960015	4.18	1 1-	15 KV 2 URD XLP	0	0		1101 415	4 0	0 0.00	4.10	0		
10960013	10870066	4.00	384 3-	4/0 ACSR 6/1	1598	1462		1155 183	1808	78 23	0.02	3.32	39	
10960011	10960013	4.10	382 3-	4/0 ACSR 6/1	1570	1436		1132 183	1803	78 23	0.05	3.39	86	
10960010	10960011	4.16	1 1-	2 ACSR 6/1	0	0		1113 182	5 0	0 0.00	4.17	0		
10960009	10960011	4.41	381 3-	4/0 ACSR 6/1	1488	1358		1066 182	1797	77 23	0.14	3.60	273	
D10-96-P005	10960009	4.41	6 1-	REC-25-H	0	0		1066 182	20 2	10 0.00	4.31	0		
10960018	D10-96-P005	4.50	6 1-	2 ACSR 6/1	0	0		1039 181	20 2	1 0.01	4.32	0		
10960019	10960018	4.61	5 1-	2 ACSR 6/1	0	0		1012 180	11 1	1 0.00	4.32	0		
10960012	10960019	4.81	4 1-	2 ACSR 6/1	0	0		961 179	9 1	1 0.01	4.33	0		
10860010	10960012	4.89	1 1-	2 ACSR 6/1	0	0		943 178	2 0	0 0.00	4.33	0		
10860006	10960012	4.90	2 1-	2 ACSR 6/1	0	0		942 178	4 0	0 0.00	4.33	0		
10860007	10860006	4.95	1 1-	2 ACSR 6/1	0	0		929 178	2 0	0 0.00	4.33	0		
10960016	10960009	4.96	375 3-	4/0 ACSR 6/1	1360	1236		963 180	1775	77 23	0.24	3.97	484	
16060009	10960016	5.02	2 1-	2 ACSR 6/1	0	0		949 180	10 1	1 0.00	4.55	0		
16060010	16060009	5.06	1 1-	2 ACSR 6/1	0	0		940 179	9 1	1 0.00	4.55	0		
16060011	10960016	5.05	369 3-	4/0 ACSR 6/1	1341	1219		948 180	1751	76 22	0.03	4.03	75	
D16-06-P008	16060011	5.05	10 1-	REC-35-H	0	0		948 180	44 5	16 0.00	4.13	0		
16060006	D16-06-P008	5.11	10 1-	2 ACSR 6/1	0	0		935 179	44 5	3 0.01	4.14	0		
16060014	16060006	5.15	6 1-	2 ACSR 6/1	0	0		925 179	28 3	2 0.00	4.14	0		
16060020	16060014	5.19	1 1-	2 ACSR 6/1	0	0		917 179	11 1	1 0.00	4.14	0		
16060017	16060014	5.24	3 1-	2 ACSR 6/1	0	0		906 178	11 1	1 0.00	4.14	0		
16060018	16060017	5.30	2 1-	2 ACSR 6/1	0	0		894 178	8 0	1 0.00	4.15	0		
16060019	16060018	5.35	1 1-	2 ACSR 6/1	0	0		886 177	5 0	0 0.00	4.15	0		
16060016	16060014	5.17	2 1-	2 ACSR 6/1	0	0		921 179	6 0	0 0.00	4.14	0		
16060015	16060006	5.15	2 1-	2 ACSR 6/1	0	0		925 179	11 1	1 0.00	4.14	0		
16060021	16060011	5.10	303 3-	4/0 ACSR 6/1	1331	1210		940 180	1450	63 19	0.03	4.06	29	
20851322	16060021	5.13	2 1-	2 ACSR 6/1	0	0		933 179	11 1	1 0.00	3.40	0		
20851167	16060021	5.15	299 3-	4/0 ACSR 6/1	1321	1200		932 179	1435	62 18	0.03	4.09	28	
20851323	20851167	5.19	293 3-	4/0 ACSR 6/1	1313	1193		926 179	1423	62 18	0.03	4.11	23	
20850919	20851323	5.28	4 1-	2 ACSR 6/1	0	0		907 179	24 3	2 0.00	4.68	0		
20850920	20850919	5.33	1 1-	2 ACSR 6/1	0	0		897 178	4 0	0 0.00	4.68	0		
20850918	20851323	5.26	27 2-	4/0 ACSR 6/1	0	1178		915 179	111 7	2 0.00	4.06	0		
16160048	20850918	5.30	1 1-	4/0 ACSR 6/1	0	0		909 179	0 0	0 0.00	4.68	0		
16160032	20850918	5.30	25 2-	4/0 ACSR 6/1	0	1170		909 179	106 6	2 0.00	4.06	0		

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16160034	16160032	5.33	3 1-	2 ACSR 6/1	0	0	904	179	16	2	1	0.00	3.44	0
20851168	16160034	5.35	2 1-	2 ACSR 6/1	0	0	900	178	10	1	1	0.00	3.44	0
16160033	16160032	5.34	22 2-	4/0 ACSR 6/1	0	1163	903	179	90	5	2	0.00	4.06	0
20850863	16160033	5.45	5 1-	2 ACSR 6/1	0	0	882	178	15	1	1	0.01	4.69	0
20850921	20850863	5.51	2 1-	2 ACSR 6/1	0	0	870	177	5	0	0	0.00	4.69	0
20850864	20850863	5.50	3 1-	2 ACSR 6/1	0	0	871	177	10	1	1	0.00	4.69	0
20850788	20850864	5.54	2 1-	2 ACSR 6/1	0	0	864	177	7	0	1	0.00	4.69	0
20850789	16160033	5.39	15 2-	4/0 ACSR 6/1	0	1154	896	178	60	3	1	0.00	4.07	0
20850790	20850789	5.53	11 2-	4/0 ACSR 6/1	0	1130	876	178	49	3	1	0.00	4.07	0
16060023	20850790	5.62	5 1-	2 ACSR 6/1	0	0	859	177	19	2	1	0.01	3.46	0
16060024	16060023	5.66	4 1-	2 ACSR 6/1	0	0	852	177	15	1	1	0.00	3.46	0
16060025	16060024	5.72	1 1-	2 ACSR 6/1	0	0	841	177	3	0	0	0.00	3.46	0
16060003	16060025	5.75	1 1-	2 ACSR 6/1	0	0	836	176	3	0	0	0.00	3.46	0
20851406	20850790	5.64	5 2-	4/0 ACSR 6/1	0	1112	861	178	23	1	0	0.00	4.07	0
20851407	20851406	5.68	3 1-	2 ACSR 6/1	0	0	853	177	10	1	1	0.00	4.69	0
D16-16-P071	20851407	5.68	1 1-	FUS	0	0	853	177	3	0	9	0.00	4.69	0
20851387	D16-16-P071	5.74	1 1-	2 ACSR 6/1	0	0	842	177	3	0	0	0.00	4.69	0
16160030	20851323	5.22	259 3-	4/0 ACSR 6/1	1307	1188	922	179	1283	56	16	0.01	4.12	13
16160031	16160030	5.31	258 3-	4/0 ACSR 6/1	1289	1171	908	179	1278	55	16	0.05	4.17	45
D16-16-P016	16160031	5.31	6 1-	FUS	0	0	908	179	31	4	91	0.00	3.46	0
20851388	D16-16-P016	5.37	6 1-	2 ACSR 6/1	0	0	895	178	31	4	2	0.01	3.46	0
20851519	20851388	5.42	4 1-	2 ACSR 6/1	0	0	885	178	11	1	1	0.00	3.46	0
20851518	16160031	5.39	251 3-	4/0 ACSR 6/1	1274	1157	896	179	1246	54	16	0.04	4.21	37
D16-16-P018	20851518	5.39	1 1-	FUS-30	0	0	896	179	5	0	2	0.00	4.78	0
16160035	D16-16-P018	5.43	1 1-	2 ACSR 6/1	0	0	888	178	5	0	0	0.00	4.78	0
16160013	20851518	5.46	250 3-	4/0 ACSR 6/1	1262	1145	886	178	1241	54	16	0.04	4.24	32
20851389	16160013	5.49	3 1-	2 ACSR 6/1	0	0	880	178	14	1	1	0.00	3.48	0
16160014	16160013	5.50	247 3-	4/0 ACSR 6/1	1254	1138	881	178	1227	53	16	0.02	4.26	18
D16-16-P171	16160014	5.50	247 3-	REC-100-6H	1254	1138	881	178	1227	53	54	0.00	4.26	0
16160017	D16-16-P171	5.55	247 3-	4/0 ACSR 6/1	1245	1129	873	178	1227	53	16	0.03	4.29	24
D16-16-P021	16160017	5.55	1 1-	FUS	0	0	873	178	7	0	20	0.00	3.49	0
20851390	D16-16-P021	5.62	1 1-	2 ACSR 6/1	0	0	859	177	7	0	0	0.00	3.50	0
16160015	16160017	5.59	246 3-	4/0 ACSR 6/1	1238	1123	868	178	1220	53	16	0.02	4.30	18
20851393	16160015	5.65	245 3-	4/0 ACSR 6/1	1228	1113	860	178	1214	53	16	0.03	4.33	27
20851395	20851393	5.80	215 3-	4/0 ACSR 6/1	1201	1089	840	177	1110	48	14	0.08	4.40	55
20851172	20851395	5.92	3 1-	2 ACSR 6/1	0	0	819	176	2	0	0	0.00	5.01	0
20851174	20851172	6.06	1 1-	2 ACSR 6/1	0	0	797	175	1	0	0	0.00	5.01	0
20851173	20851172	5.97	1 1-	2 ACSR 6/1	0	0	811	176	0	0	0	0.00	5.01	0
16160016	20851395	5.95	212 3-	4/0 ACSR 6/1	1178	1067	822	177	1108	48	14	0.08	4.46	51
20851398	16160016	5.99	212 3-	4/0 ACSR 6/1	1170	1060	816	176	1107	48	14	0.03	4.48	17
20851405	20851398	6.05	206 3-	4/0 ACSR 6/1	1161	1051	809	176	1096	48	14	0.03	4.51	20
20852241	20851405	6.18	205 3-	4/0 ACSR 6/1	1141	1033	794	176	1092	47	14	0.07	4.56	45
20852242	20852241	6.28	204 3-	4/0 ACSR 6/1	1127	1020	783	175	1090	47	14	0.05	4.60	33
20852246	20852242	6.38	197 3-	4/0 ACSR 6/1	1112	1005	775	175	1057	46	14	0.06	4.65	35
20852248	20852246	6.45	195 3-	4/0 ACSR 6/1	1103	997	765	175	1047	46	14	0.03	4.67	21
20852249	20852248	6.48	1 1-	2 ACSR 6/1	0	0	760	175	3	0	0	0.00	5.35	0
20852194	20852248	6.51	193 3-	4/0 ACSR 6/1	1093	988	758	175	1040	45	13	0.04	4.70	22
16260007	20852194	6.57	1 1-	2 ACSR 6/1	0	0	750	174	8	1	1	0.00	5.38	0
16260005	20852194	6.57	189 3-	4/0 ACSR 6/1	1085	981	752	174	1015	44	13	0.03	4.73	18
16260006	16260005	6.63	189 3-	4/0 ACSR 6/1	1078	974	746	174	1015	44	13	0.03	4.75	17
20852196	16260006	6.77	189 3-	4/0 ACSR 6/1	1059	956	732	174	1015	44	13	0.07	4.80	43
20852197	20852196	6.91	187 3-	4/0 ACSR 6/1	1041	940	718	173	1004	44	13	0.07	4.86	43

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852062	20852197	6.96	186 3-	4/0 ACSR 6/1	1035	934	714	173	996	43	13	0.02	4.88	14
20852063	20852062	7.13	185 3-	4/0 ACSR 6/1	1014	915	698	173	988	43	13	0.08	4.95	50
20852092	20852063	7.24	183 3-	4/0 ACSR 6/1	1001	903	689	172	984	43	13	0.05	4.99	32
D16-36-P003	20852092	7.24	7 1-	FUS 0	0	0	689	172	26	3	79	0.00	5.74	0
16360069	D16-36-P003	7.33	7 1-	2 ACSR 6/1	0	0	678	172	26	3	2	0.01	5.75	0
D16-36-P002	16360069	7.33	5 1-	FUS 0	0	0	678	172	14	1	42	0.00	5.75	0
16360081	D16-36-P002	7.40	5 1-	2 ACSR 6/1	0	0	670	171	14	1	1	0.00	5.75	0
16360049	16360081	7.52	4 1-	2 ACSR 6/1	0	0	657	170	11	1	1	0.00	5.76	0
16360050	16360049	7.57	3 1-	2 ACSR 6/1	0	0	652	170	9	1	1	0.00	5.76	0
16360051	16360050	7.68	1 1-	2 ACSR 6/1	0	0	640	169	4	0	0	0.00	5.76	0
16360062	16360069	7.37	2 1-	2 ACSR 6/1	0	0	674	171	12	1	1	0.00	5.75	0
16360030	20852092	7.31	175 3-	4/0 ACSR 6/1	994	896	683	172	954	42	12	0.03	5.01	17
16360052	16360030	7.33	4 1-	2 ACSR 6/1	0	0	680	172	10	1	1	0.00	5.77	0
16360029	16360030	7.36	171 3-	4/0 ACSR 6/1	988	891	679	172	944	41	12	0.02	5.03	14
16360053	16360029	7.42	56 3-	1/0 ACSR 6/1	980	883	673	171	504	22	10	0.03	5.05	10
16360076	16360053	7.60	55 3-	1/0 ACSR 6/1	954	858	656	171	499	22	10	0.09	5.12	34
16260008	16360076	7.77	55 3-	1/0 ACSR 6/1	932	837	641	170	499	22	10	0.08	5.18	30
20852239	16260008	7.96	55 3-	1/0 ACSR 6/1	908	815	625	169	498	22	10	0.09	5.25	34
20852240	20852239	8.34	54 3-	1/0 ACSR 6/1	862	772	594	167	492	22	10	0.19	5.39	68
16270014	20852240	8.38	52 3-	1/0 ACSR 6/1	858	768	591	167	479	21	9	0.02	5.41	6
16270015	16270014	8.46	1 1-	2 ACSR 6/1	0	0	584	166	3	0	0	0.00	6.30	0
16270017	16270015	8.49	1 1-	2 ACSR 6/1	0	0	581	166	3	0	0	0.00	6.30	0
16270012	16270015	8.50	0 1-	2 ACSR 6/1	0	0	580	166	0	0	0	0.00	6.30	0
16270016	16270014	8.51	49 3-	1/0 ACSR 6/1	843	754	581	166	453	20	9	0.05	5.45	21
16270034	16270016	8.61	45 3-	1/0 ACSR 6/1	833	745	574	166	418	18	8	0.03	5.48	14
16270035	16270034	8.85	44 3-	1/0 ACSR 6/1	808	722	558	164	418	18	8	0.07	5.56	35
16270037	16270035	8.90	42 3-	1/0 ACSR 6/1	803	717	554	164	197	8	4	0.01	5.56	3
16270025	16270037	8.96	39 1-	2 ACSR 6/1	0	0	550	164	183	24	13	0.04	6.42	6
16270033	16270025	8.98	38 1-	2 ACSR 6/1	0	0	548	164	182	24	13	0.02	6.44	2
D16-27-P005	16270033	8.98	30 1-	REC-50-H	0	0	548	164	155	20	41	0.00	6.44	0
16270027	D16-27-P005	9.25	30 1-	2 ACSR 6/1	0	0	527	162	155	20	11	0.16	6.59	20
16270028	16270027	9.32	28 1-	2 ACSR 6/1	0	0	522	161	149	19	11	0.04	6.63	4
16270029	16270028	9.35	25 1-	2 ACSR 6/1	0	0	520	161	132	17	10	0.01	6.65	1
16270030	16270029	9.42	23 1-	2 ACSR 6/1	0	0	515	161	116	15	9	0.03	6.67	2
16270031	16270030	9.45	19 1-	2 ACSR 6/1	0	0	513	161	101	13	7	0.01	6.68	0
16270032	16270031	9.50	17 1-	2 ACSR 6/1	0	0	510	160	83	11	6	0.01	6.70	0
16270044	16270032	9.55	15 1-	2 ACSR 6/1	0	0	506	160	66	8	5	0.01	6.71	0
16270045	16270044	9.60	15 1-	2 ACSR 6/1	0	0	503	160	66	8	5	0.01	6.72	0
16270047	16270045	9.63	1 1-	2 ACSR 6/1	0	0	501	159	9	1	1	0.00	6.72	0
16270046	16270045	9.64	14 1-	2 ACSR 6/1	0	0	501	159	57	7	4	0.01	6.73	0
16270022	16270046	9.67	8 1-	2 ACSR 6/1	0	0	498	159	35	4	3	0.00	6.73	0
16270023	16270022	9.75	7 1-	2 ACSR 6/1	0	0	493	159	35	4	3	0.01	6.74	0
16270038	16270023	9.79	6 1-	2 ACSR 6/1	0	0	491	158	30	4	2	0.00	6.75	0
16370011	16270038	9.85	2 1-	2 ACSR 6/1	0	0	487	158	10	1	1	0.00	6.75	0
16370019	16370011	9.90	1 1-	2 ACSR 6/1	0	0	484	158	4	0	0	0.00	6.75	0
16370010	16370019	9.95	1 1-	2 ACSR 6/1	0	0	481	157	4	0	0	0.00	6.75	0
16370012	16270038	9.84	4 1-	2 ACSR 6/1	0	0	488	158	20	2	1	0.00	6.75	0
16370014	16370012	9.91	2 1-	2 ACSR 6/1	0	0	483	158	13	1	1	0.00	6.76	0
16370015	16370014	9.98	1 1-	2 ACSR 6/1	0	0	479	157	10	1	1	0.00	6.76	0
16370013	16370012	9.89	2 1-	2 ACSR 6/1	0	0	485	158	7	0	0	0.00	6.75	0
16270039	16270046	9.81	4 1-	2 ACSR 6/1	0	0	490	158	14	1	1	0.01	6.74	0
16370016	16270039	9.99	3 1-	2 ACSR 6/1	0	0	478	157	10	1	1	0.00	6.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16370017	16370016	10.25	1 1-	2 ACSR 6/1	0	0	463	156	0	0	0	0.00	6.74	0
16370018	16370017	10.54	0 1-	2 ACSR 6/1	0	0	447	154	0	0	0	0.00	6.74	0
16370018	16370018	10.54	0 1-	Open	0	0	447	154	0	0	0	0.00	6.74	0
16270026	16270033	9.02	8 1-	2 ACSR 6/1	0	0	545	163	27	3	2	0.00	6.44	0
16270024	16270026	9.25	7 1-	2 ACSR 6/1	0	0	527	162	24	3	2	0.02	6.46	0
20851396	16270024	9.30	6 1-	2 ACSR 6/1	0	0	524	162	21	2	2	0.00	6.46	0
20851593	20851396	9.39	4 1-	2 ACSR 6/1	0	0	517	161	8	1	1	0.00	6.47	0
20851594	20851593	9.43	3 1-	2 ACSR 6/1	0	0	514	161	6	0	0	0.00	6.47	0
20851625	20851594	9.48	2 1-	2 ACSR 6/1	0	0	512	160	5	0	0	0.00	6.47	0
20851592	20851396	9.35	1 1-	2 ACSR 6/1	0	0	520	161	6	0	0	0.00	6.47	0
16270036	16270035	8.89	2 3-	1/0 ACSR 6/1	804	718	555	164	221	10	4	0.01	5.56	1
16270230	16270036	8.89	2 3-	Consumer	804	718	555	164	221	10	0	0.00	5.56	0
16270019	16270016	8.57	3 1-	2 ACSR 6/1	0	0	576	166	21	2	2	0.00	6.35	0
16270021	16270019	8.74	1 1-	2 ACSR 6/1	0	0	562	164	8	1	1	0.00	6.36	0
16270020	16270019	8.65	1 1-	2 ACSR 6/1	0	0	569	165	7	0	1	0.00	6.35	0
16270018	16270016	8.59	1 1-	2 ACSR 6/1	0	0	575	166	14	1	1	0.00	6.35	0
16270013	20852240	8.41	2 1-	2 ACSR 6/1	0	0	588	166	13	1	1	0.00	6.28	0
16360028	16360029	7.37	115 3-	1/0 ACSR 6/1	987	890	678	172	440	19	8	0.00	5.04	0
16360028	16360028	7.37	115 3-	Closed	987	890	678	172	440	19	0	0.00	5.04	0
16360026	16360028	7.37	115 3-	Closed	987	890	678	172	440	19	0	0.00	5.04	0
16360054	16360026	7.49	112 3-	4/0 ACSR 6/1	986	889	678	172	440	19	8	0.00	5.04	0
16360056	16360054	7.56	111 3-	4/0 ACSR 6/1	973	877	668	171	433	18	6	0.01	5.06	6
16360057	16360056	7.65	107 3-	4/0 ACSR 6/1	966	870	662	171	431	18	6	0.01	5.07	4
16360077	16360057	7.68	97 3-	4/0 ACSR 6/1	956	862	656	171	420	18	5	0.01	5.08	4
16360078	16360077	7.72	97 3-	4/0 ACSR 6/1	953	858	653	171	385	16	5	0.00	5.09	2
D16-36-P070	16360078	7.72	96 3-	REC-70-L	949	854	650	171	376	16	23	0.00	5.09	0
16360032	D16-36-P070	7.77	96 3-	4/0 ACSR 6/1	943	849	646	170	376	16	5	0.00	5.10	2
16360033	16360032	7.86	94 3-	4/0 ACSR 6/1	934	841	639	170	373	16	5	0.01	5.11	4
16360075	16360033	7.93	1 1-	2 ACSR 6/1	0	0	632	170	3	0	0	0.00	5.83	0
16360037	16360033	7.95	92 3-	4/0 ACSR 6/1	925	832	632	170	369	16	5	0.01	5.12	4
16360072	16360037	8.04	83 3-	4/0 ACSR 6/1	916	824	626	169	317	13	4	0.01	5.13	2
16360074	16360072	8.12	1 1-	2 ACSR 6/1	0	0	619	169	5	0	0	0.00	3.96	0
16360082	16360074	8.18	0 1-	2 ACSR 6/1	0	0	613	168	0	0	0	0.00	3.96	0
16360073	16360072	8.12	82 3-	4/0 ACSR 6/1	909	818	621	169	311	13	4	0.01	5.14	2
16360034	16360073	8.23	80 3-	4/0 ACSR 6/1	898	808	613	169	309	13	4	0.01	5.15	3
16360036	16360034	8.43	76 3-	4/0 ACSR 6/1	880	791	600	168	299	13	4	0.02	5.18	5
20851600	16360036	8.51	8 1-	2 ACSR 6/1	0	0	593	168	34	4	2	0.01	4.02	0
20851601	20851600	8.58	2 1-	2 ACSR 6/1	0	0	587	167	14	1	1	0.00	4.03	0
20851599	20851600	8.57	3 1-	2 ACSR 6/1	0	0	587	167	5	0	0	0.00	4.03	0
20851598	16360036	8.50	1 1-	2 ACSR 6/1	0	0	594	168	3	0	0	0.00	4.02	0
20851602	16360036	8.56	66 3-	4/0 ACSR 6/1	868	781	591	168	257	11	3	0.02	5.19	3
20851603	20851602	8.61	65 3-	4/0 ACSR 6/1	864	777	588	168	257	11	3	0.01	5.19	0
16460005	20851603	8.71	14 1-	2 ACSR 6/1	0	0	580	167	50	6	4	0.02	4.05	0
D16-46-P016	16460005	8.71	14 1-	REC-35-H	0	0	580	167	50	6	19	0.00	4.05	0
20851559	D16-46-P016	8.75	14 1-	2 ACSR 6/1	0	0	576	167	50	6	4	0.01	4.06	0
20852188	20851559	8.79	13 1-	2 ACSR 6/1	0	0	572	166	48	6	3	0.01	4.07	0
20852311	20852188	8.89	4 1-	2 ACSR 6/1	0	0	564	166	9	1	1	0.00	4.07	0
20852312	20852311	9.01	3 1-	2 ACSR 6/1	0	0	554	165	7	0	0	0.00	4.07	0
20852192	20852312	9.05	3 1-	2 ACSR 6/1	0	0	552	165	7	0	0	0.00	4.07	0
20852193	20852192	9.08	2 1-	2 ACSR 6/1	0	0	549	164	3	0	0	0.00	4.07	0
20852157	20852188	8.86	1 1-	2 ACSR 6/1	0	0	567	166	3	0	0	0.00	4.07	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852190	20852188	8.87	2 1-	2 ACSR 6/1	0	0	566	166	9	1	1	0.00	4.07	0
20852191	20852190	8.96	1 1-	2 ACSR 6/1	0	0	559	165	7	0	0	0.00	4.07	0
20852189	20852188	8.90	5 1-	2 ACSR 6/1	0	0	564	166	25	3	2	0.01	4.08	0
20852159	20852189	9.12	4 1-	2 ACSR 6/1	0	0	547	164	21	2	0.02	4.09	0	0
20852160	20852159	9.30	3 1-	2 ACSR 6/1	0	0	532	163	18	2	1	0.01	4.10	0
20852158	20852189	8.93	1 1-	2 ACSR 6/1	0	0	561	165	4	0	0	0.00	4.08	0
20851604	20851603	8.69	51 3-	4/0 ACSR 6/1	857	770	583	167	206	9	3	0.02	5.20	1
20851558	20851604	8.90	49 3-	4/0 ACSR 6/1	839	754	570	167	202	8	3	0.04	5.21	3
D16-47-P002	20851558	8.90	4 1-	FUS	0	0	570	167	17	2	53	0.00	5.97	0
16470007	D16-47-P002	9.04	4 1-	2 ACSR 6/1	0	0	559	166	17	2	1	0.01	5.97	0
16470009	16470007	9.13	1 1-	2 ACSR 6/1	0	0	552	165	2	0	0	0.00	5.97	0
16470008	16470007	9.15	2 1-	2 ACSR 6/1	0	0	551	165	12	1	1	0.00	5.98	0
16470010	20851558	9.05	45 3-	4/0 ACSR 6/1	827	743	562	166	185	8	2	0.02	5.22	2
16470011	16470010	9.26	44 3-	4/0 ACSR 6/1	812	729	550	165	178	7	2	0.03	5.24	2
16470012	16470011	9.35	41 3-	4/0 ACSR 6/1	805	723	545	165	167	7	2	0.01	5.24	0
16470014	16470012	9.45	40 3-	4/0 ACSR 6/1	797	716	540	165	158	6	2	0.02	5.25	1
16470015	16470014	9.55	39 3-	4/0 ACSR 6/1	790	709	535	164	156	6	2	0.02	5.25	1
16470004	16470015	9.68	39 3-	4/0 ACSR 6/1	780	700	528	164	156	6	2	0.02	5.26	1
16470006	16470004	9.99	38 3-	4/0 ACSR 6/1	760	681	513	163	152	6	2	0.05	5.28	3
16480013	16470006	10.05	34 3-	4/0 ACSR 6/1	755	677	510	163	135	5	2	0.01	5.28	0
16480015	16480013	10.09	2 1-	2 ACSR 6/1	0	0	507	163	7	0	0	0.00	5.65	0
16480014	16480013	10.14	32 3-	4/0 ACSR 6/1	749	672	505	163	129	5	2	0.02	5.29	0
16480018	16480014	10.23	30 3-	4/0 ACSR 6/1	744	667	502	162	124	5	2	0.01	5.29	0
16480019	16480018	10.31	28 3-	4/0 ACSR 6/1	738	662	498	162	118	5	2	0.01	5.29	0
16480020	16480019	10.37	27 3-	4/0 ACSR 6/1	735	659	495	162	117	5	2	0.01	5.30	0
D16-48-P009	16480020	10.37	5 1-	FUS-30	0	0	495	162	14	1	7	0.00	6.20	0
16480031	D16-48-P009	10.43	5 1-	2 ACSR 6/1	0	0	492	161	14	1	1	0.00	6.20	0
16480022	16480031	10.53	4 1-	2 ACSR 6/1	0	0	485	161	13	1	1	0.00	6.20	0
20852052	16480022	10.56	3 1-	2 ACSR 6/1	0	0	484	161	10	1	1	0.00	6.20	0
16480023	16480022	10.65	0 1-	2 ACSR 6/1	0	0	478	160	0	0	0	0.00	6.20	0
16480024	16480020	10.44	22 3-	4/0 ACSR 6/1	730	654	492	162	103	4	1	0.01	5.30	0
16480030	16480024	10.57	1 1-	2 ACSR 6/1	0	0	485	161	17	2	1	0.00	5.64	0
16480025	16480024	10.51	20 3-	4/0 ACSR 6/1	726	651	489	161	85	3	1	0.01	5.30	0
16480026	16480025	10.58	19 3-	4/0 ACSR 6/1	722	647	486	161	83	3	1	0.01	5.30	0
D16-38-P013	16480026	10.58	15 1-	REC-25-H	0	0	486	161	64	8	34	0.00	6.22	0
16380011	D16-38-P013	10.62	15 1-	2 ACSR 6/1	0	0	483	161	64	8	5	0.01	6.23	0
16480028	16380011	10.66	14 1-	2 ACSR 6/1	0	0	481	161	62	8	5	0.01	6.24	0
16480029	16480028	10.74	11 1-	2 ACSR 6/1	0	0	476	160	49	6	4	0.01	6.26	0
20851560	16480029	10.83	9 1-	2 ACSR 6/1	0	0	471	159	46	6	3	0.01	6.27	0
20851561	20851560	10.89	1 1-	2 ACSR 6/1	0	0	468	159	10	1	1	0.00	6.27	0
20851562	20851560	10.91	8 1-	2 ACSR 6/1	0	0	467	159	36	4	3	0.01	6.28	0
20851657	20851562	10.96	6 1-	2 ACSR 6/1	0	0	464	159	26	3	2	0.00	6.28	0
20852051	20851657	11.04	2 1-	2 ACSR 6/1	0	0	460	158	12	1	1	0.00	6.29	0
16480021	20852051	11.11	1 1-	2 ACSR 6/1	0	0	456	158	4	0	0	0.00	6.29	0
16480027	16380011	10.65	1 1-	2 ACSR 6/1	0	0	482	161	2	0	0	0.00	6.23	0
16380015	16480026	10.64	1 1-	2 ACSR 6/1	0	0	482	161	8	1	1	0.00	6.22	0
16380014	16480026	10.66	3 3-	4/0 ACSR 6/1	717	642	483	161	11	0	0	0.00	5.30	0
D16-38-P015	16380014	10.66	0 1-	FUS	0	0	483	161	0	0	0	0.00	4.06	0
16380010	D16-38-P015	10.72	0 1-	2 ACSR 6/1	0	0	479	160	0	0	0	0.00	4.06	0
16380016	16380014	10.72	3 1-	2 ACSR 6/1	0	0	479	160	11	1	1	0.00	5.63	0
16380013	16380014	10.83	0 3-	4/0 ACSR 6/1	707	633	475	160	0	0	0	0.00	5.30	0
16-38-P042-A	16380013	10.83	0 3-	Open	707	633	475	160	0	0	0	0.00	5.30	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16480017	16480014	10.24	1 1-	2 ACSR 6/1	0	0	499	162	1	0	0	0.00	4.05	0
16480016	16480014	10.18	1 1-	2 ACSR 6/1	0	0	503	162	4	0	0	0.00	5.65	0
16480012	16470006	10.05	2 1-	2 ACSR 6/1	0	0	509	163	12	1	1	0.00	4.05	0
16470005	16470004	9.75	1 1-	2 ACSR 6/1	0	0	523	164	4	0	0	0.00	6.09	0
16470013	16470012	9.40	1 1-	2 ACSR 6/1	0	0	541	165	8	1	1	0.00	4.05	0
16360035	16360034	8.32	0 1-	2 ACSR 6/1	0	0	605	168	0	0	0	0.00	5.61	0
16360038	16360037	8.09	8 1-	2 ACSR 6/1	0	0	619	169	49	6	4	0.02	3.97	0
16360079	16360038	8.14	7 1-	2 ACSR 6/1	0	0	614	168	45	5	3	0.01	3.98	0
16360080	16360079	8.26	7 1-	2 ACSR 6/1	0	0	603	168	45	5	3	0.02	4.00	0
16360040	16360080	8.31	4 1-	2 ACSR 6/1	0	0	599	167	27	3	2	0.00	4.00	0
16360042	16360040	8.36	2 1-	2 ACSR 6/1	0	0	594	167	12	1	1	0.00	4.00	0
16360070	16360042	8.40	1 1-	2 ACSR 6/1	0	0	590	167	5	0	0	0.00	4.00	0
16360071	16360070	8.43	1 1-	15 KV 2 URD XLP	0	0	587	330	5	0	0	0.00	4.00	0
16360041	16360040	8.35	2 1-	2 ACSR 6/1	0	0	595	167	15	1	1	0.00	4.00	0
16360039	16360041	8.42	1 1-	2 ACSR 6/1	0	0	588	166	5	0	0	0.00	4.00	0
16360047	16360078	7.77	1 1-	2 ACSR 6/1	0	0	644	170	9	1	1	0.00	3.90	0
16360058	16360057	7.68	10 1-	2 ACSR 6/1	0	0	652	171	35	4	3	0.00	5.55	0
16360059	16360058	7.75	6 1-	2 ACSR 6/1	0	0	645	170	22	2	2	0.00	5.55	0
16360060	16360059	7.79	4 1-	2 ACSR 6/1	0	0	640	170	13	1	1	0.00	5.55	0
16360061	16360060	7.82	3 1-	2 ACSR 6/1	0	0	637	170	13	1	1	0.00	5.55	0
16360031	16360061	7.87	1 1-	2 ACSR 6/1	0	0	632	169	7	0	1	0.00	5.55	0
16360055	16360056	7.61	3 1-	2 ACSR 6/1	0	0	657	171	3	0	0	0.00	5.81	0
16360027	16360026	7.45	3 3-	1/0 ACSR 6/1	974	878	670	171	7	0	0	0.00	5.04	0
16360044	16360027	7.51	3 1-	2 ACSR 6/1	0	0	664	171	7	0	1	0.00	3.83	0
16260001	20852197	7.00	1 1-	2 ACSR 6/1	0	0	707	173	7	0	1	0.00	3.76	0
20852195	20852194	6.60	1 1-	2 ACSR 6/1	0	0	746	174	3	0	0	0.00	3.69	0
20852247	20852246	6.43	2 1-	2 ACSR 6/1	0	0	765	175	10	1	1	0.00	5.32	0
20852243	20852242	6.32	6 1-	2 ACSR 6/1	0	0	777	175	29	3	2	0.00	3.65	0
20852245	20852243	6.37	3 1-	2 ACSR 6/1	0	0	770	175	13	1	1	0.00	3.65	0
20852244	20852243	6.35	2 1-	2 ACSR 6/1	0	0	772	175	6	0	0	0.00	3.65	0
20851178	20851398	6.03	5 1-	2 ACSR 6/1	0	0	809	176	10	1	1	0.00	5.11	0
20851175	20851178	6.35	4 1-	2 ACSR 6/1	0	0	760	174	9	1	1	0.01	5.12	0
D16-16-P039	20851175	6.35	4 1-	FUS-50	0	0	760	174	9	1	2	0.00	5.12	0
20850659	D16-16-P039	6.63	4 1-	2 ACSR 6/1	0	0	720	172	9	1	1	0.01	5.13	0
20850660	20850659	6.67	3 1-	2 ACSR 6/1	0	0	715	171	7	0	1	0.00	5.13	0
20850862	20850660	6.78	1 1-	2 ACSR 6/1	0	0	701	171	3	0	0	0.00	5.13	0
20851394	20851393	5.77	2 1-	2 ACSR 6/1	0	0	838	177	5	0	0	0.00	4.56	0
20851171	20851394	5.83	1 1-	2 ACSR 6/1	0	0	828	176	4	0	0	0.00	4.56	0
20851170	20851394	5.82	1 1-	2 ACSR 6/1	0	0	829	176	1	0	0	0.00	4.56	0
20851392	20851393	5.74	27 1-	2 ACSR 6/1	0	0	843	177	98	12	7	0.03	4.59	3
D16-16-P046	20851392	5.74	24 1-	REC-50-H	0	0	843	177	91	11	24	0.00	4.59	0
20851176	D16-16-P046	5.80	24 1-	2 ACSR 6/1	0	0	833	176	91	11	7	0.02	4.61	1
20851177	20851176	5.85	23 1-	2 ACSR 6/1	0	0	823	176	89	11	6	0.02	4.63	1
16160036	20851177	5.93	22 1-	2 ACSR 6/1	0	0	810	175	86	11	6	0.02	4.65	2
16160037	16160036	6.17	22 1-	2 ACSR 6/1	0	0	771	174	86	11	6	0.08	4.73	5
16160027	16160037	6.19	8 1-	2 ACSR 6/1	0	0	769	174	22	2	2	0.00	4.73	0
16160028	16160027	6.21	6 1-	2 ACSR 6/1	0	0	766	173	14	1	1	0.00	4.73	0
16160029	16160028	6.22	4 1-	2 ACSR 6/1	0	0	764	173	8	1	1	0.00	4.73	0
16160024	16160037	6.19	14 1-	2 ACSR 6/1	0	0	769	174	64	8	5	0.00	4.74	0
16160044	16160024	6.20	6 1-	15 KV 2 URD XLP	0	0	768	369	32	4	2	0.00	4.74	0
16160045	16160044	6.21	5 1-	15 KV 2 URD XLP	0	0	767	368	25	3	2	0.00	4.74	0
16160046	16160045	6.22	3 1-	15 KV 2 URD XLP	0	0	764	367	12	1	1	0.00	4.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16160047	16160046	6.24	0 1-	15 KV 2 URD XLP	0	0	763	367	0	0	0	0.00	4.74	0
16160025	16160024	6.21	8 1-	15 KV 2 URD XLP	0	0	766	368	33	4	3	0.00	4.74	0
16160026	16160025	6.24	5 1-	15 KV 2 URD XLP	0	0	762	367	26	3	2	0.00	4.74	0
16160038	16160026	6.28	1 1-	15 KV 2 URD XLP	0	0	756	365	4	0	0	0.00	4.74	0
20851135	20851392	5.88	1 1-	2 ACSR 6/1	0	0	819	176	5	0	0	0.00	4.59	0
20851134	20851392	5.77	0 1-	2 ACSR 6/1	0	0	838	177	0	0	0	0.00	4.59	0
20851391	16160015	5.66	1 1-	2 ACSR 6/1	0	0	854	177	6	0	0	0.00	3.50	0
16060012	16060011	5.07	54 1-	2 ACSR 6/1	0	0	944	180	242	31	17	0.02	3.40	3
D16-06-P039	16060012	5.07	54 1-	REC-50-4H	0	0	944	180	242	31	63	0.00	3.40	0
16060013	D16-06-P039	5.10	54 1-	2 ACSR 6/1	0	0	937	179	242	31	17	0.03	3.43	6
20850795	16060013	5.22	1 1-	2 ACSR 6/1	0	0	911	178	3	0	0	0.00	3.43	0
16060005	16060013	5.28	52 1-	2 ACSR 6/1	0	0	899	178	238	30	17	0.16	3.58	30
20850791	16060005	5.36	5 1-	2 ACSR 6/1	0	0	882	177	23	3	2	0.01	3.59	0
20850871	20850791	5.42	3 1-	2 ACSR 6/1	0	0	872	177	15	1	1	0.00	3.59	0
20851169	20850871	5.45	2 1-	2 ACSR 6/1	0	0	864	177	14	1	1	0.00	3.59	0
16060004	16060005	5.34	45 1-	2 ACSR 6/1	0	0	887	177	212	27	15	0.04	3.63	8
16060007	16060004	5.36	44 1-	2 ACSR 6/1	0	0	883	177	209	27	15	0.02	3.65	3
16060008	16060007	5.39	42 1-	2 ACSR 6/1	0	0	878	177	197	25	14	0.02	3.66	3
16060022	16060008	5.46	0 1-	2 ACSR 6/1	0	0	863	177	0	0	0	0.00	3.66	0
20850792	16060008	5.44	42 1-	2 ACSR 6/1	0	0	867	177	197	25	14	0.04	3.70	6
20850793	20850792	5.50	38 1-	2 ACSR 6/1	0	0	856	176	187	24	13	0.04	3.74	6
20850794	20850793	5.53	36 1-	2 ACSR 6/1	0	0	850	176	182	23	13	0.02	3.77	3
20850208	20850794	5.59	32 1-	2 ACSR 6/1	0	0	839	176	177	22	13	0.04	3.80	5
20850210	20850208	5.68	32 1-	2 ACSR 6/1	0	0	823	175	177	22	13	0.06	3.86	8
20850211	20850210	5.78	25 1-	2 ACSR 6/1	0	0	806	174	142	18	10	0.05	3.91	6
20850522	20850211	5.83	24 1-	2 ACSR 6/1	0	0	798	174	140	18	10	0.02	3.94	3
20850523	20850522	5.93	23 1-	2 ACSR 6/1	0	0	782	173	136	17	10	0.05	3.98	5
20850347	20850523	5.98	20 1-	2 ACSR 6/1	0	0	773	173	132	17	10	0.03	4.01	3
20850509	20850347	6.04	2 1-	2 ACSR 6/1	0	0	764	172	17	2	1	0.00	4.02	0
20850510	20850509	6.13	1 1-	2 ACSR 6/1	0	0	751	172	11	1	1	0.00	4.02	0
20850535	20850347	6.02	18 1-	2 ACSR 6/1	0	0	767	172	115	14	8	0.02	4.03	1
20850653	20850535	6.08	17 1-	2 ACSR 6/1	0	0	759	172	112	14	8	0.02	4.05	2
20850654	20850653	6.15	16 1-	2 ACSR 6/1	0	0	748	172	109	14	8	0.03	4.08	3
20850713	20850654	6.21	15 1-	2 ACSR 6/1	0	0	740	171	105	13	8	0.02	4.10	2
20850716	20850713	6.27	1 1-	2 ACSR 6/1	0	0	732	171	11	1	1	0.00	4.10	0
20850658	20850716	6.50	0 1-	2 ACSR 6/1	0	0	700	169	0	0	0	0.00	4.10	0
20850715	20850713	6.25	10 1-	2 ACSR 6/1	0	0	734	171	68	8	5	0.01	4.11	0
20850656	20850715	6.36	8 1-	2 ACSR 6/1	0	0	719	170	59	7	4	0.02	4.13	1
D16-15-P042	20850656	6.36	6 1-	FUS	0	0	719	170	45	5	134	0.00	4.13	0
20850710	D16-15-P042	6.39	6 1-	2 ACSR 6/1	0	0	714	170	45	5	3	0.01	4.14	0
20850712	20850710	6.43	3 1-	2 ACSR 6/1	0	0	710	170	29	3	2	0.00	4.14	0
16150012	20850712	6.47	1 1-	2 ACSR 6/1	0	0	704	169	20	2	1	0.00	4.14	0
20850711	20850710	6.44	2 1-	2 ACSR 6/1	0	0	707	170	9	1	1	0.00	4.14	0
20850657	20850656	6.39	1 1-	2 ACSR 6/1	0	0	715	170	12	1	1	0.00	4.13	0
20850714	20850713	6.27	2 1-	2 ACSR 6/1	0	0	731	171	15	1	1	0.00	4.10	0
20850655	20850714	6.31	1 1-	2 ACSR 6/1	0	0	726	170	10	1	1	0.00	4.10	0
20850209	20850210	5.73	5 1-	2 ACSR 6/1	0	0	815	175	29	3	2	0.00	3.86	0
16050007	20850209	5.81	4 1-	2 ACSR 6/1	0	0	801	174	27	3	2	0.01	3.87	0
16050008	16050007	5.87	3 1-	2 ACSR 6/1	0	0	791	174	27	3	2	0.01	3.88	0
16050010	16050008	5.98	1 1-	2 ACSR 6/1	0	0	774	173	7	0	1	0.00	3.88	0
16050009	16050008	5.89	1 1-	2 ACSR 6/1	0	0	789	173	11	1	1	0.00	3.88	0
16050006	20850209	5.76	0 1-	2 ACSR 6/1	0	0	809	174	0	0	0	0.00	3.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10870050	10770128	2.68	4 1-	2 ACSR 6/1	0	0	1584	188	23	2	2	0.01	3.41	0
10870055	10870050	2.70	3 1-	2 ACSR 6/1	0	0	1568	187	17	2	1	0.00	3.41	0
10870054	10870055	2.76	1 1-	2 ACSR 6/1	0	0	1533	187	7	0	0	0.00	3.41	0
10770132	10770081	2.21	1 1-	2 ACSR 6/1	0	0	1827	189	6	0	0	0.00	3.14	0
10770135	10770125	2.10	139 3-	1/0 ACSR 6/1	2442	2285	1910	190	838	35	16	0.02	1.98	10
10770136	10770135	2.36	138 3-	1/0 ACSR 6/1	2239	2079	1730	188	832	35	16	0.33	2.13	148
D10-77-P208	10770136	2.36	83 3-	REC-70-L	2239	2079	1730	188	465	19	28	0.00	2.13	0
10770091	D10-77-P208	2.40	83 3-	1/0 ACSR 6/1	2212	2052	1706	188	465	19	9	0.02	2.14	6
10770092	10770091	2.46	82 3-	1/0 ACSR 6/1	2173	2013	1672	188	460	19	9	0.03	2.15	9
10770167	10770092	2.48	1 1-	2 ACSR 6/1	0	0	1655	188	6	0	0	0.00	3.53	0
10770137	10770092	2.55	79 3-	1/0 ACSR 6/1	2111	1951	1619	187	446	19	8	0.05	2.18	14
10770138	10770137	2.80	78 3-	1/0 ACSR 6/1	1960	1802	1491	186	438	18	8	0.14	2.25	38
10770107	10770138	3.12	19 1-	2 ACSR 6/1	0	0	1331	184	103	13	7	0.12	1.68	10
10870048	10770107	3.24	12 1-	2 ACSR 6/1	0	0	1278	183	72	9	5	0.03	1.71	2
10870049	10870048	3.31	4 1- 15 KV 2 URD XLP	0	0	0	1251	422	30	3	2	0.01	1.72	0
10870039	10870049	3.40	4 1-	2 ACSR 6/1	0	0	1215	181	30	3	2	0.01	1.73	0
10870071	10870039	3.51	1 1-	2 ACSR 6/1	0	0	1174	180	18	2	1	0.00	1.73	0
10870061	10870048	3.27	5 1- 15 KV 2 URD XLP	0	0	0	1265	424	31	3	2	0.00	1.72	0
10870062	10870061	3.32	4 1- 15 KV 2 URD XLP	0	0	0	1249	421	23	2	2	0.00	1.72	0
10870060	10870062	3.34	1 1- 15 KV 2 URD XLP	0	0	0	1239	420	4	0	0	0.00	1.72	0
10870065	10870062	3.37	2 1- 15 KV 2 URD XLP	0	0	0	1228	418	13	1	1	0.00	1.72	0
10870058	10870065	3.43	1 1- 15 KV 2 URD XLP	0	0	0	1207	415	5	0	0	0.00	1.72	0
10870057	10870065	3.44	1 1- 15 KV 2 URD XLP	0	0	0	1201	414	8	1	1	0.00	1.72	0
10870059	10870065	3.40	0 1- 15 KV 2 URD XLP	0	0	0	1217	417	0	0	0	0.00	1.72	0
10870041	10870048	3.27	2 1-	2 ACSR 6/1	0	0	1268	182	4	0	0	0.00	1.71	0
10870074	10870041	3.34	1 1- 15 KV 2 URD XLP	0	0	0	1239	420	1	0	0	0.00	1.71	0
10870034	10770107	3.16	7 1-	2 ACSR 6/1	0	0	1315	183	31	3	2	0.00	1.69	0
10870056	10870034	3.20	3 1- 15 KV 2 URD XLP	0	0	0	1296	427	10	1	1	0.00	1.69	0
10870038	10870034	3.18	2 1-	2 ACSR 6/1	0	0	1304	183	9	1	1	0.00	1.69	0
10870035	10870034	3.20	2 1-	2 ACSR 6/1	0	0	1297	183	12	1	1	0.00	1.69	0
10870036	10870035	3.24	1 1-	2 ACSR 6/1	0	0	1279	183	7	0	0	0.00	1.69	0
10770139	10770138	3.03	58 3-	1/0 ACSR 6/1	1840	1684	1392	185	333	14	6	0.15	2.30	30
10770144	10770139	3.08	52 3-	1/0 ACSR 6/1	1812	1657	1369	185	291	12	5	0.04	2.31	7
10770145	10770144	3.14	51 3-	1/0 ACSR 6/1	1782	1628	1345	184	286	12	5	0.04	2.33	8
10770146	10770145	3.18	4 1-	2 ACSR 6/1	0	0	1327	184	21	2	2	0.00	3.94	0
10770147	10770146	3.23	2 1-	2 ACSR 6/1	0	0	1307	184	12	1	1	0.00	3.94	0
10770148	10770147	3.26	2 1-	2 ACSR 6/1	0	0	1295	183	12	1	1	0.00	3.94	0
10770149	10770148	3.30	1 1-	2 ACSR 6/1	0	0	1277	183	8	1	1	0.00	3.94	0
10770084	10770145	3.20	47 3-	1/0 ACSR 6/1	1758	1604	1325	184	265	11	5	0.03	2.34	6
10770083	10770084	3.29	5 3-	1/0 ACSR 6/1	1713	1561	1289	183	26	1	0	0.00	2.34	0
10870070	10770083	3.36	0 3-	1/0 ACSR 6/1	1686	1535	1267	183	0	0	0	0.00	2.34	0
10-77-P209-A	10870070	3.36	0 3-	Open	1686	1535	1267	183	0	0	0	0.00	2.34	0
10870063	10770083	3.37	5 1-	2 ACSR 6/1	0	0	1260	183	26	3	2	0.01	1.64	0
10880086	10870063	3.42	4 1-	2 ACSR 6/1	0	0	1239	182	16	2	1	0.00	1.64	0
10870069	10880086	3.57	3 1-	2 ACSR 6/1	0	0	1182	181	13	1	1	0.01	1.65	0
D10-87-P017	10870069	3.57	1 1-	FUS	0	0	1182	181	3	0	10	0.00	1.65	0
10870064	D10-87-P017	3.64	1 1-	2 ACSR 6/1	0	0	1158	181	3	0	0	0.00	1.65	0
D10-87-P017A	10870069	3.57	2 1-	FUS	0	0	1182	181	9	1	27	0.00	1.65	0
10870045	D10-87-P017A	3.69	2 1-	2 ACSR 6/1	0	0	1141	180	9	1	1	0.00	1.65	0
10880037	10870063	3.43	1 1-	2 ACSR 6/1	0	0	1234	182	10	1	1	0.00	1.64	0
10770085	10770084	3.26	42 1-	2 ACSR 6/1	0	0	1298	183	239	31	17	0.06	4.02	11
D10-77-P045	10770085	3.26	42 1-	REC-50-H	0	0	1298	183	239	31	62	0.00	4.02	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10770088	D10-77-P045	3.39	42 1-	2 ACSR 6/1	0	0	1245	182	239	31	17	0.11	4.14	22
10780107	10770088	3.48	5 1-	2 ACSR 6/1	0	0	1209	182	36	4	3	0.01	4.15	0
10770123	10780107	3.55	3 1-	2 ACSR 6/1	0	0	1184	181	20	2	1	0.00	4.15	0
10770124	10770123	3.60	2 1-	2 ACSR 6/1	0	0	1165	181	12	1	1	0.00	4.15	0
10780106	10770088	3.55	0 1-	2 ACSR 6/1	0	0	1183	181	0	0	0	0.00	4.14	0
10780045	10770088	3.61	37 1-	2 ACSR 6/1	0	0	1162	181	203	26	15	0.17	4.30	27
10780070	10780045	3.70	37 1-	2 ACSR 6/1	0	0	1130	180	203	26	15	0.07	4.37	12
10780072	10780070	3.76	9 1-	2 ACSR 6/1	0	0	1112	180	60	7	4	0.01	4.38	0
10780084	10780072	3.82	7 1-	2 ACSR 6/1	0	0	1092	179	47	6	3	0.01	4.39	0
10780080	10780084	3.89	3 1-	2 ACSR 6/1	0	0	1070	179	25	3	2	0.00	4.40	0
10780079	10780080	3.94	1 1-	2 ACSR 6/1	0	0	1055	178	10	1	1	0.00	4.40	0
10780083	10780084	3.87	2 1-	2 ACSR 6/1	0	0	1077	179	17	2	1	0.00	4.40	0
10780087	10780083	3.91	2 1-	2 ACSR 6/1	0	0	1064	178	17	2	1	0.00	4.40	0
10780088	10780087	3.95	1 1-	2 ACSR 6/1	0	0	1052	178	10	1	1	0.00	4.40	0
10780086	10780088	4.01	1 1-	2 ACSR 6/1	0	0	1035	178	10	1	1	0.00	4.40	0
10780069	10780070	3.77	28 1-	2 ACSR 6/1	0	0	1109	180	143	18	10	0.03	4.41	4
10780089	10780069	3.93	26 1-	2 ACSR 6/1	0	0	1060	178	129	16	9	0.08	4.48	8
10780090	10780089	4.07	25 1-	2 ACSR 6/1	0	0	1020	177	125	16	9	0.06	4.55	7
10780054	10780090	4.15	2 1-	2 ACSR 6/1	0	0	996	177	7	0	0	0.00	4.55	0
10780055	10780054	4.22	1 1-	2 ACSR 6/1	0	0	978	176	4	0	0	0.00	4.55	0
10780052	10780090	4.10	22 1-	2 ACSR 6/1	0	0	1010	177	117	15	8	0.02	4.56	1
10780059	10780052	4.16	5 1-	2 ACSR 6/1	0	0	994	177	26	3	2	0.01	4.57	0
10780060	10780059	4.21	3 1-	2 ACSR 6/1	0	0	982	176	19	2	1	0.00	4.57	0
10780058	10780060	4.26	2 1-	2 ACSR 6/1	0	0	968	176	13	1	1	0.00	4.57	0
10780063	10780058	4.32	1 1-	2 ACSR 6/1	0	0	953	175	8	0	1	0.00	4.57	0
10780061	10780058	4.31	1 1-	2 ACSR 6/1	0	0	956	176	5	0	0	0.00	4.57	0
10780056	10780052	4.17	11 1-	2 ACSR 6/1	0	0	993	177	62	8	5	0.01	4.57	0
10780062	10780056	4.20	2 1-	2 ACSR 6/1	0	0	984	176	15	1	1	0.00	4.58	0
10780050	10780056	4.23	7 1-	2 ACSR 6/1	0	0	977	176	40	5	3	0.01	4.58	0
10780051	10780050	4.27	6 1-	2 ACSR 6/1	0	0	967	176	38	4	3	0.01	4.59	0
10780066	10780051	4.33	4 1-	2 ACSR 6/1	0	0	953	175	20	2	1	0.00	4.59	0
10780067	10780066	4.35	3 1-	2 ACSR 6/1	0	0	948	175	11	1	1	0.00	4.59	0
10780074	10780067	4.41	1 1-	2 ACSR 6/1	0	0	934	175	1	0	0	0.00	4.59	0
10780073	10780067	4.44	1 1-	2 ACSR 6/1	0	0	925	175	9	1	1	0.00	4.59	0
10780065	10780051	4.28	2 1-	2 ACSR 6/1	0	0	965	176	18	2	1	0.00	4.59	0
10780053	10780052	4.13	5 1-	2 ACSR 6/1	0	0	1003	177	25	3	2	0.00	4.56	0
10780057	10780053	4.17	5 1-	2 ACSR 6/1	0	0	991	177	25	3	2	0.00	4.56	0
10780085	10780069	3.89	1 1-	2 ACSR 6/1	0	0	1071	179	10	1	1	0.00	4.41	0
10780076	10780069	3.81	1 1-	2 ACSR 6/1	0	0	1095	179	3	0	0	0.00	4.41	0
10780068	10780045	3.66	0 1-	2 ACSR 6/1	0	0	1143	180	0	0	0	0.00	4.30	0
10770140	10770139	3.10	6 1-	2 ACSR 6/1	0	0	1357	184	41	5	3	0.01	1.46	0
10770141	10770140	3.20	5 1-	2 ACSR 6/1	0	0	1310	183	34	4	2	0.01	1.47	0
10770169	10770141	3.28	1 1-	2 ACSR 6/1	0	0	1278	183	8	1	1	0.00	1.47	0
10770142	10770141	3.27	4 1-	2 ACSR 6/1	0	0	1280	183	26	3	2	0.01	1.48	0
10770150	10770142	3.33	2 1-	2 ACSR 6/1	0	0	1256	182	13	1	1	0.00	1.48	0
10770143	10770142	3.32	2 1-	2 ACSR 6/1	0	0	1261	183	13	1	1	0.00	1.48	0
10770082	10770141	3.30	0 1-	2 ACSR 6/1	0	0	1270	183	0	0	0	0.00	1.47	0
10770098	10770136	2.39	29 1-	2 ACSR 6/1	0	0	1707	188	197	25	14	0.02	3.49	3
D10-77-P082	10770098	2.39	28 1-	REC-70-L	0	0	1707	188	187	24	35	0.00	3.49	0
10770114	D10-77-P082	2.43	28 1-	2 ACSR 6/1	0	0	1682	188	187	24	13	0.02	3.52	4
10770108	10770114	2.50	26 1-	2 ACSR 6/1	0	0	1634	187	183	23	13	0.05	3.56	7
10770109	10770108	2.53	26 1-	2 ACSR 6/1	0	0	1615	187	183	23	13	0.02	3.58	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10770110	10770109	2.58	25 1-	2 ACSR 6/1	0	0	1586	187	179	23	13	0.03	3.61	4
10770111	10770110	2.72	22 1-	2 ACSR 6/1	0	0	1502	186	171	22	12	0.09	3.70	12
10770115	10770111	2.80	5 1-	2 ACSR 6/1	0	0	1456	185	62	8	4	0.02	3.72	0
10770116	10770115	2.85	4 1-	2 ACSR 6/1	0	0	1430	185	50	6	4	0.01	3.73	0
10770094	10770116	2.88	3 1- 15 KV 2 URD XLP	0	0	0	1415	436	34	4	3	0.00	3.73	0
10770095	10770094	2.94	2 1- 15 KV 2 URD XLP	0	0	0	1386	433	25	3	2	0.01	3.74	0
10770093	10770095	2.97	1 1- 15 KV 2 URD XLP	0	0	0	1374	431	15	1	1	0.00	3.74	0
10770097	10770116	2.88	1 1-	2 ACSR 6/1	0	0	1414	184	16	2	1	0.00	3.73	0
10770104	10770097	2.94	1 1- 15 KV 2 URD XLP	0	0	0	1385	433	16	2	1	0.00	3.73	0
10770117	10770111	2.75	17 1-	2 ACSR 6/1	0	0	1481	185	109	14	8	0.01	3.71	1
10770118	10770117	2.79	16 1-	2 ACSR 6/1	0	0	1460	185	97	12	7	0.01	3.73	0
10770120	10770118	2.88	15 1-	2 ACSR 6/1	0	0	1415	184	90	11	6	0.03	3.75	2
10770121	10770120	2.94	2 1-	2 ACSR 6/1	0	0	1383	184	14	1	1	0.00	3.75	0
10770122	10770121	2.98	1 1-	2 ACSR 6/1	0	0	1364	184	7	0	1	0.00	3.76	0
10770119	10770120	2.93	11 1-	2 ACSR 6/1	0	0	1387	184	61	7	4	0.01	3.76	0
10670120	10770119	2.97	9 1-	2 ACSR 6/1	0	0	1371	184	50	6	4	0.01	3.77	0
10670135	10670120	3.01	2 1- 15 KV 2 URD XLP	0	0	0	1351	430	20	2	2	0.00	3.77	0
10670134	10670135	3.04	1 1- 15 KV 2 URD XLP	0	0	0	1338	428	11	1	1	0.00	3.77	0
10670133	10670135	3.11	1 1- 15 KV 2 URD XLP	0	0	0	1310	425	9	1	1	0.00	3.78	0
10670105	10670120	3.02	7 1-	2 ACSR 6/1	0	0	1347	183	31	4	2	0.00	3.77	0
10670106	10670105	3.10	5 1-	2 ACSR 6/1	0	0	1311	183	23	2	2	0.01	3.78	0
10670107	10670106	3.19	4 1-	2 ACSR 6/1	0	0	1270	182	13	1	1	0.00	3.78	0
10670119	10670107	3.30	0 1-	2 ACSR 6/1	0	0	1226	181	0	0	0	0.00	3.78	0
10670108	10670107	3.23	2 1-	2 ACSR 6/1	0	0	1253	182	9	1	1	0.00	3.78	0
10770161	10770136	2.40	9 1-	2 ACSR 6/1	0	0	1702	188	37	4	3	0.00	3.47	0
10770112	10770161	2.43	8 1-	2 ACSR 6/1	0	0	1678	188	33	4	2	0.00	3.48	0
10770113	10770112	2.46	7 1-	2 ACSR 6/1	0	0	1659	188	25	3	2	0.00	3.48	0
10770096	10770136	2.44	16 3-	1/0 ACSR 6/1	2182	2022	1680	188	131	5	2	0.01	2.13	2
10770158	10770096	2.49	5 3-	1/0 ACSR 6/1	2152	1991	1654	188	62	2	1	0.00	2.13	0
D10-77-P015	10770158	2.49	3 1-	FUS	0	0	1654	188	20	2	58	0.00	1.54	0
10770168	D10-77-P015	2.61	3 1-	2 ACSR 6/1	0	0	1577	187	20	2	1	0.01	1.55	0
10770166	10770168	2.65	2 1-	2 ACSR 6/1	0	0	1550	186	14	1	1	0.00	1.55	0
10770160	10770096	2.47	11 1-	2 ACSR 6/1	0	0	1661	188	69	8	5	0.01	1.54	0
10770155	10770160	2.53	10 1-	2 ACSR 6/1	0	0	1625	187	69	8	5	0.01	1.56	0
D10-77-P059	10770155	2.53	10 1-	FUS	0	0	1625	187	69	8	200	0.00	1.56	0
10770156	D10-77-P059	2.57	10 1-	2 ACSR 6/1	0	0	1599	187	69	8	5	0.01	1.57	0
10770157	10770156	2.64	9 1-	2 ACSR 6/1	0	0	1556	186	64	8	5	0.01	1.58	0
10770162	10770157	2.69	1 1-	2 ACSR 6/1	0	0	1522	186	9	1	1	0.00	1.58	0
10770151	10770157	2.68	7 1-	2 ACSR 6/1	0	0	1528	186	45	5	3	0.01	1.59	0
10770152	10770151	2.74	6 1-	2 ACSR 6/1	0	0	1496	186	44	5	3	0.01	1.60	0
10770153	10770152	2.83	5 1-	2 ACSR 6/1	0	0	1448	185	29	3	2	0.01	1.60	0
10770154	10770153	2.87	2 1-	2 ACSR 6/1	0	0	1424	185	8	1	1	0.00	1.60	0
10660083	10660157	1.47	77 3-	2 ACSR 6/1	2938	2785	2420	192	528	22	12	0.04	1.39	12
10660159	10660083	1.54	77 3-	2 ACSR 6/1	2849	2688	2329	191	527	22	12	0.07	1.42	20
10660112	10660159	1.58	76 3-	2 ACSR 6/1	2794	2629	2274	191	523	22	12	0.04	1.45	12
D10-66-P189	10660112	1.58	76 3-	REC-70-L	2794	2629	2274	191	523	22	32	0.00	1.45	0
10660199	D10-66-P189	1.64	76 3-	2 ACSR 6/1	2720	2552	2203	190	523	22	12	0.06	1.48	17
10670109	10660199	1.68	73 3-	2 ACSR 6/1	2670	2499	2155	190	509	21	12	0.04	1.50	11
10670121	10670109	1.75	72 3-	2 ACSR 6/1	2598	2423	2086	190	504	21	12	0.06	1.53	17
10670128	10670121	1.78	71 3-	2 ACSR 6/1	2560	2384	2051	189	500	21	12	0.03	1.55	9
10670129	10670128	1.84	70 3-	2 ACSR 6/1	2493	2314	1989	189	500	21	12	0.06	1.58	17
10670140	10670129	1.91	9 1-	2 ACSR 6/1	0	0	1919	188	41	5	3	0.01	1.26	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10770105	10670140	1.94	6 1-	2 ACSR 6/1	0	0	1898	188	26	3	2	0.00	1.26	0
10670127	10770105	1.96	3 1-	2 ACSR 6/1	0	0	1876	188	7	0	1	0.00	1.26	0
10670122	10670127	2.02	2 1-	2 ACSR 6/1	0	0	1825	187	3	0	0	0.00	1.26	0
10670123	10670129	1.92	60 3-	2 ACSR 6/1	2411	2230	1914	188	457	19	11	0.08	1.62	19
10670130	10670123	1.95	8 1-	2 ACSR 6/1	0	0	1884	188	67	8	5	0.01	1.26	0
10670131	10670130	1.98	7 1-	2 ACSR 6/1	0	0	1859	188	61	7	4	0.01	1.26	0
10670132	10670131	2.01	6 1-	2 ACSR 6/1	0	0	1838	188	56	7	4	0.00	1.27	0
10670118	10670132	2.06	3 1-	2 ACSR 6/1	0	0	1794	187	37	4	3	0.00	1.27	0
10670124	10670123	1.97	51 3-	2 ACSR 6/1	2359	2177	1868	188	373	16	9	0.05	1.64	12
10670046	10670124	1.99	8 1-	2 ACSR 6/1	0	0	1854	188	62	7	4	0.00	0.90	0
10670115	10670046	2.09	5 1-	2 ACSR 6/1	0	0	1767	187	35	4	2	0.01	0.91	0
10670111	10670115	2.17	3 1-	2 ACSR 6/1	0	0	1708	186	25	3	2	0.01	0.92	0
10670113	10670111	2.22	2 1-	2 ACSR 6/1	0	0	1674	186	22	2	2	0.00	0.92	0
10670153	10670113	2.26	1 1-	2 ACSR 6/1	0	0	1642	186	19	2	1	0.00	0.93	0
10670112	10670111	2.22	1 1-	2 ACSR 6/1	0	0	1670	186	3	0	0	0.00	0.92	0
10670148	10670046	2.00	3 1-	2 ACSR 6/1	0	0	1842	188	27	3	2	0.00	0.90	0
10670151	10670148	2.03	2 1-	2 ACSR 6/1	0	0	1819	187	15	1	1	0.00	0.91	0
10670149	10670151	2.09	1 1-	2 ACSR 6/1	0	0	1771	187	8	1	1	0.00	0.91	0
10670110	10670124	2.13	1 3-	2 ACSR 6/1	2213	2031	1740	187	50	2	1	0.00	1.64	0
10670044	10670124	2.00	42 1-	2 ACSR 6/1	0	0	1843	188	261	33	19	0.03	2.80	6
D10-67-P014	10670044	2.00	42 1-	REC-70-L	0	0	1843	188	261	33	48	0.00	2.80	0
10670047	D10-67-P014	2.12	42 1-	2 ACSR 6/1	0	0	1748	187	261	33	19	0.11	2.91	23
10670143	10670047	2.17	35 1-	2 ACSR 6/1	0	0	1705	186	201	25	14	0.04	2.95	6
10670144	10670143	2.28	34 1-	2 ACSR 6/1	0	0	1628	185	187	24	13	0.07	3.02	11
10670116	10670144	2.35	4 1-	2 ACSR 6/1	0	0	1580	185	29	3	2	0.00	3.03	0
10670117	10670116	2.39	1 1-	2 ACSR 6/1	0	0	1553	185	7	0	1	0.00	3.03	0
10670096	10670144	2.34	1 1-	2 ACSR 6/1	0	0	1589	185	7	0	1	0.00	3.02	0
10670095	10670144	2.36	1 1-	2 ACSR 6/1	0	0	1578	185	4	0	0	0.00	3.02	0
10670141	10670144	2.35	27 1-	2 ACSR 6/1	0	0	1581	185	139	17	10	0.04	3.06	4
10670098	10670141	2.39	24 1-	2 ACSR 6/1	0	0	1555	185	126	16	9	0.02	3.08	2
10670099	10670098	2.44	22 1-	2 ACSR 6/1	0	0	1523	184	107	13	8	0.02	3.09	2
10670100	10670099	2.49	20 1-	2 ACSR 6/1	0	0	1493	184	96	12	7	0.02	3.11	1
10670125	10670100	2.58	17 1-	2 ACSR 6/1	0	0	1444	183	79	10	6	0.02	3.13	1
10670126	10670125	2.67	15 1-	2 ACSR 6/1	0	0	1394	182	68	8	5	0.02	3.16	1
10670102	10670126	2.76	14 1-	2 ACSR 6/1	0	0	1352	182	68	8	5	0.02	3.18	0
10670103	10670102	2.85	13 1-	2 ACSR 6/1	0	0	1308	181	62	8	4	0.02	3.20	1
10670114	10670103	2.95	12 1-	2 ACSR 6/1	0	0	1266	180	56	7	4	0.02	3.22	0
10570059	10670114	3.12	11 1-	2 ACSR 6/1	0	0	1196	179	56	7	4	0.04	3.25	2
10570088	10570059	3.40	9 1-	2 ACSR 6/1	0	0	1096	177	50	6	4	0.05	3.30	2
10570089	10570088	3.47	5 1-	2 ACSR 6/1	0	0	1075	177	28	3	2	0.01	3.30	0
10570084	10570089	3.52	3 1-	2 ACSR 6/1	0	0	1058	176	21	2	1	0.00	3.31	0
10570085	10570084	3.56	2 1-	2 ACSR 6/1	0	0	1045	176	14	1	1	0.00	3.31	0
10570087	10570088	3.47	1 1-	2 ACSR 6/1	0	0	1075	177	4	0	0	0.00	3.30	0
10570086	10570088	3.47	1 1-	2 ACSR 6/1	0	0	1073	176	7	0	1	0.00	3.30	0
10570074	10570059	3.18	2 1-	2 ACSR 6/1	0	0	1171	179	6	0	0	0.00	3.25	0
10670104	10670103	2.92	1 1-	2 ACSR 6/1	0	0	1276	181	6	0	0	0.00	3.20	0
10670101	10670126	2.75	1 1-	2 ACSR 6/1	0	0	1354	182	0	0	0	0.00	3.16	0
10670097	10670141	2.42	3 1-	2 ACSR 6/1	0	0	1538	184	13	1	1	0.00	3.06	0
10670045	10670047	2.14	6 1-	2 ACSR 6/1	0	0	1732	187	51	6	4	0.00	2.91	0
10670138	10670045	2.24	6 1-	2 ACSR 6/1	0	0	1656	186	51	6	4	0.02	2.93	0
10670139	10670138	2.34	5 1-	2 ACSR 6/1	0	0	1588	185	41	5	3	0.01	2.95	0
10670150	10670139	2.38	3 1-	15 KV 2 URD XLP	0	0	1565	440	15	1	1	0.00	2.95	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10670152	10670150	2.44	2 1- 15	2 URD XLP	0	0	1527	436	10	1	1	0.00	2.95	0
10670136	10670139	2.39	2 1-	2 ACSR 6/1	0	0	1556	185	25	3	2	0.00	2.95	0
10670137	10670136	2.46	1 1-	2 ACSR 6/1	0	0	1515	184	12	1	1	0.00	2.95	0
10670142	10670047	2.28	1 1-	2 ACSR 6/1	0	0	1628	185	9	1	1	0.00	2.91	0
10660160	10660159	1.58	1 1-	2 ACSR 6/1	0	0	2277	191	4	0	0	0.00	2.35	0
10660158	10660083	1.51	0 1-	2 ACSR 6/1	0	0	2365	192	0	0	0	0.00	1.16	0
10660132	10660116	1.27	15 1-	2 ACSR 6/1	0	0	2632	192	69	8	5	0.01	0.96	0
10660133	10660132	1.34	13 1-	2 ACSR 6/1	0	0	2534	192	52	6	4	0.01	0.97	0
10660134	10660133	1.39	9 1-	2 ACSR 6/1	0	0	2462	192	35	4	2	0.01	0.97	0
10660194	10660134	1.42	2 1-	2 ACSR 6/1	0	0	2411	191	7	0	1	0.00	0.97	0
10660195	10660194	1.46	1 1-	2 ACSR 6/1	0	0	2355	191	6	0	0	0.00	0.97	0
10660135	10660134	1.42	5 1-	2 ACSR 6/1	0	0	2411	191	18	2	1	0.00	0.97	0
10660141	10660135	1.45	4 1-	2 ACSR 6/1	0	0	2369	191	16	2	1	0.00	0.97	0
10660142	10660141	1.47	2 1-	2 ACSR 6/1	0	0	2343	191	10	1	1	0.00	0.97	0
10660130	10660081	1.12	2 1-	2 ACSR 6/1	0	0	2839	193	11	1	1	0.00	0.80	0

CKT 1 total losses: \$10,320

SUB 21, CKT 2

BK2102	EMMANUEL(21)	0.00	903 3-	BK2102	4961	5073	5272	196	4597	193	48	0.00	0.00	0
10560095	BK2102	0.06	903 3-	336 ACSR 18/1	4830	4912	5038	196	4597	193	36	0.07	0.07	221
10560104	10560095	0.14	900 3-	336 ACSR 18/1	4678	4727	4775	196	4571	192	36	0.09	0.16	269
10560097	10560104	0.36	899 3-	336 ACSR 18/1	4309	4288	4182	195	4565	192	36	0.23	0.39	723
10560077	10560097	0.47	897 3-	336 ACSR 18/1	4139	4091	3928	195	4541	191	36	0.12	0.51	370
10570060	10560077	0.53	896 3-	336 ACSR 18/1	4053	3992	3803	195	4530	191	36	0.06	0.57	198
10570061	10570060	0.62	894 3-	336 ACSR 18/1	3921	3843	3618	194	4515	190	36	0.10	0.68	318
10570065	10570061	0.64	894 3-	336 ACSR 18/1	3901	3820	3591	194	4512	190	36	0.02	0.69	50
10570066	10570065	0.72	893 3-	336 ACSR 18/1	3802	3709	3455	194	4509	190	36	0.08	0.77	257
10570068	10570066	0.79	1 1-	2 ACSR 6/1	0	0	3264	194	17	2	1	0.00	0.76	0
10570069	10570066	0.78	891 3-	336 ACSR 18/1	3725	3624	3353	194	4489	189	36	0.06	0.84	205
10570070	10570069	0.88	891 3-	336 ACSR 18/1	3605	3491	3197	194	4487	189	36	0.11	0.95	338
10570095	10570070	0.91	2 1-	2 ACSR 6/1	0	0	3133	194	17	2	1	0.00	0.62	0
10570097	10570095	1.04	1 1-	2 ACSR 6/1	0	0	2865	193	9	1	1	0.00	0.62	0
10570096	10570095	0.96	1 1-	2 ACSR 6/1	0	0	3035	193	8	0	1	0.00	0.62	0
10570071	10570070	1.62	888 3-	336 ACSR 18/1	2921	2764	2391	192	4464	188	36	0.76	1.72	2412
10570072	10570071	1.67	887 3-	336 ACSR 18/1	2881	2723	2348	192	4431	188	36	0.06	1.78	175
10570078	10570072	1.75	886 3-	336 ACSR 18/1	2825	2665	2288	192	4420	188	35	0.08	1.86	252
10570081	10570078	1.81	5 1-	2 ACSR 6/1	0	0	2218	191	35	4	3	0.01	2.55	0
10570076	10570081	1.87	2 1-	2 ACSR 6/1	0	0	2154	191	7	0	0	0.00	2.55	0
10570075	10570081	1.85	1 1-	2 ACSR 6/1	0	0	2178	191	8	0	1	0.00	2.55	0
10570080	10570078	1.78	2 1-	2 ACSR 6/1	0	0	2252	192	18	2	1	0.00	2.55	0
10570077	10570080	1.84	1 1-	2 ACSR 6/1	0	0	2183	191	9	1	1	0.00	2.55	0
10570079	10570078	1.81	0 1-	2 ACSR 6/1	0	0	2219	191	0	0	0	0.00	2.55	0
10570082	10570078	1.80	878 3-	336 ACSR 18/1	2790	2629	2251	192	4363	185	35	0.05	1.91	157
10570083	10570082	1.84	875 3-	336 ACSR 18/1	2761	2601	2221	192	4346	185	35	0.04	1.95	128
10570090	10570083	1.92	874 3-	336 ACSR 18/1	2706	2544	2163	192	4342	184	35	0.08	2.03	260
10580052	10570090	1.98	871 3-	336 ACSR 18/1	2671	2509	2128	191	4330	184	35	0.05	2.09	167
10580053	10580052	2.02	6 1-	2 ACSR 6/1	0	0	2085	191	25	3	2	0.00	2.85	0
10580047	10580053	2.06	3 1-	2 ACSR 6/1	0	0	2044	191	16	2	1	0.00	2.85	0
10580070	10580047	2.12	1 1-	2 ACSR 6/1	0	0	1990	190	8	1	1	0.00	2.85	0
10580050	10580052	2.04	863 3-	336 ACSR 18/1	2631	2468	2086	191	4293	183	35	0.06	2.15	194
10580051	10580050	2.10	860 3-	336 ACSR 18/1	2597	2434	2052	191	4271	182	34	0.05	2.21	167
10580018	10580051	2.15	2 1-	2 ACSR 6/1	0	0	2000	191	12	1	1	0.00	1.45	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
105800041	105800051	2.19	852 3-	336 ACSR 18/1	2544	2380	1998	191	4219	179	34	0.09	2.29	267
105800031	105800041	2.23	848 3-	336 ACSR 18/1	2521	2357	1976	191	4212	179	34	0.04	2.33	117
105800032	105800031	2.28	847 3-	336 ACSR 18/1	2494	2331	1949	191	4204	179	34	0.04	2.38	137
105800042	105800032	2.32	835 3-	336 ACSR 18/1	2473	2310	1929	191	4143	176	33	0.03	2.42	108
105800019	105800042	2.35	832 3-	336 ACSR 18/1	2453	2289	1908	191	4136	176	33	0.03	2.45	106
105800022	105800019	2.43	825 3-	336 ACSR 18/1	2414	2251	1871	190	4101	175	33	0.07	2.52	199
105800023	105800022	2.46	1 1-	2 ACSR 6/1	0	0	1840	190	8	1	1	0.00	1.71	0
105800024	105800022	2.47	821 3-	336 ACSR 18/1	2391	2228	1848	190	4079	174	33	0.04	2.56	126
105800068	105800024	2.50	817 3-	336 ACSR 18/1	2378	2215	1836	190	4058	173	33	0.02	2.59	69
105800069	105800068	2.53	816 3-	336 ACSR 18/1	2361	2198	1820	190	4046	173	33	0.03	2.62	89
105800025	105800069	2.59	2 1-	2 ACSR 6/1	0	0	1773	190	8	0	1	0.00	1.79	0
105800034	105800069	2.56	810 3-	336 ACSR 18/1	2345	2182	1804	190	4022	172	32	0.03	2.65	85
105800035	105800034	2.69	810 3-	336 ACSR 18/1	2285	2123	1747	190	4022	172	32	0.12	2.76	336
105800037	105800035	2.83	803 3-	336 ACSR 18/1	2221	2060	1688	189	3986	170	32	0.13	2.89	365
105800048	105800037	2.87	800 3-	336 ACSR 18/1	2204	2043	1671	189	3963	169	32	0.04	2.93	103
105800056	105800048	2.92	4 1-	2 ACSR 6/1	0	0	1642	189	19	2	1	0.00	2.05	0
105800043	105800048	2.88	793 3-	336 ACSR 18/1	2200	2039	1668	189	3929	168	32	0.01	2.93	22
1058-P042-B	105800043	2.88	793 3-	Closed	2200	2039	1668	189	3928	168	0	0.00	2.93	0
1058-P042-A	1058-P042-B	2.88	793 3-	Closed	2200	2039	1668	189	3928	168	0	0.00	2.93	0
105800054	1058-P042-A	2.94	793 3-	336 ACSR 18/1	2175	2015	1645	189	3928	168	32	0.05	2.98	147
105800055	105800054	3.00	0 1-	2 ACSR 6/1	0	0	1603	189	0	0	0	0.00	2.94	0
105800049	105800054	2.97	791 3-	336 ACSR 18/1	2161	2001	1631	189	3912	167	32	0.03	3.02	88
105800044	105800049	3.04	1 1-	2 ACSR 6/1	0	0	1589	189	5	0	0	0.00	2.97	0
105800045	105800049	3.03	790 3-	336 ACSR 18/1	2136	1977	1609	189	3906	167	32	0.05	3.07	147
105800046	105800045	3.07	789 3-	336 ACSR 18/1	2121	1962	1595	189	3897	167	32	0.03	3.10	93
105800057	105800046	3.11	1 1-	2 ACSR 6/1	0	0	1568	188	8	1	1	0.00	2.20	0
105800058	105800046	3.11	788 3-	336 ACSR 18/1	2102	1943	1578	189	3888	166	31	0.04	3.14	121
105800059	105800058	3.19	786 3-	336 ACSR 18/1	2071	1914	1550	189	3880	166	31	0.07	3.21	196
105800062	105800059	3.28	781 3-	336 ACSR 18/1	2040	1883	1522	188	3845	165	31	0.07	3.28	204
105800063	105800062	3.34	780 3-	336 ACSR 18/1	2018	1861	1502	188	3833	164	31	0.05	3.34	146
106801164	105800063	3.39	779 3-	336 ACSR 18/1	1999	1843	1485	188	3827	164	31	0.05	3.38	125
106801114	106801164	3.44	693 3-	4/0 ACSR 6/1	1977	1822	1466	188	3494	150	44	0.05	3.44	163
106801115	106801114	3.46	692 3-	4/0 ACSR 6/1	1966	1812	1457	188	3488	149	44	0.02	3.47	78
106801134	106801115	3.56	3 1-	2 ACSR 6/1	0	0	1411	187	16	2	1	0.00	2.51	0
106800031	106801115	3.52	689 3-	4/0 ACSR 6/1	1942	1788	1435	188	3471	149	44	0.06	3.54	187
D10-59-P276A	10680031	3.52	2 1-	FUS-30	0	0	1435	188	6	0	3	0.00	2.57	0
10590178	D10-59-P276A	3.59	2 1-	2 ACSR 6/1	0	0	1402	187	6	0	0	0.00	2.57	0
105900085	10590178	3.63	1 1-	2 ACSR 6/1	0	0	1385	187	3	0	0	0.00	2.57	0
D10-59-P276	10680031	3.52	687 3-	ER3-RE-200/120-	1942	1788	1435	188	3463	149	149	0.00	3.54	0
10590202	D10-59-P276	3.56	687 3-	4/0 ACSR 6/1	1926	1773	1421	187	3463	149	44	0.04	3.58	123
10590203	10590202	3.59	686 3-	4/0 ACSR 6/1	1912	1760	1410	187	3461	148	44	0.03	3.62	105
10590072	10590203	3.64	685 3-	4/0 ACSR 6/1	1891	1739	1391	187	3457	148	44	0.05	3.68	167
10590075	10590072	3.69	682 3-	4/0 ACSR 6/1	1871	1720	1374	187	3449	148	44	0.05	3.74	162
10590074	10590075	3.70	1 3-	1/0 ACSR 6/1	1865	1715	1370	187	14	0	0	0.00	3.74	0
105900029	10590075	3.75	679 3-	4/0 ACSR 6/1	1850	1700	1356	187	3427	147	43	0.06	3.81	171
105900071	10590029	3.78	1 1-	2 ACSR 6/1	0	0	1342	187	10	1	1	0.00	3.71	0
105900076	10590029	3.77	677 3-	4/0 ACSR 6/1	1839	1690	1347	187	3412	147	43	0.03	3.84	85
105900077	10590076	3.87	673 3-	4/0 ACSR 6/1	1802	1654	1316	186	3401	146	43	0.10	3.95	309
105900081	10590077	3.96	660 3-	4/0 ACSR 6/1	1770	1623	1289	186	3355	144	43	0.09	4.06	273
105900082	10590081	3.99	659 3-	4/0 ACSR 6/1	1760	1614	1280	186	3347	144	43	0.03	4.09	86
105901110	10590082	4.06	659 3-	4/0 ACSR 6/1	1738	1593	1262	186	3346	144	43	0.06	4.16	192
105901113	10590110	4.09	4 1-	2 ACSR 6/1	0	0	1248	185	13	1	1	0.00	3.10	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10590097	10590113	4.11	3 1-	2 ACSR 6/1	0	0	1242	185	10	1	1	0.00	3.10	0
10590117	10590097	4.15	2 1-	2 ACSR 6/1	0	0	1228	185	9	1	1	0.00	3.10	0
10590112	10590110	4.12	651 3-	4/0 ACSR 6/1	1714	1570	1242	186	3317	143	42	0.07	4.24	206
10590031	10590112	4.19	650 3-	4/0 ACSR 6/1	1694	1551	1226	185	3308	143	42	0.06	4.31	178
10590127	10590031	4.23	3 1-	2 ACSR 6/1	0	0	1209	185	10	1	1	0.00	5.55	0
10590030	10590031	4.27	643 3-	4/0 ACSR 6/1	1667	1526	1204	185	3264	141	42	0.08	4.40	242
D10-59-P014	10590030	4.27	18 1-	FUS	0	0	1204	185	85	11	250	0.00	3.31	0
10590114	D10-59-P014	4.33	18 1-	2 ACSR 6/1	0	0	1181	184	85	11	6	0.02	3.33	1
10590104	10590114	4.45	16 1-	2 ACSR 6/1	0	0	1144	184	79	10	6	0.03	3.36	2
10590105	10590104	4.58	0 1-	2 ACSR 6/1	0	0	1102	183	0	0	0	0.00	3.36	0
10590096	10590104	4.53	15 1-	2 ACSR 6/1	0	0	1117	183	72	9	5	0.02	3.39	1
10590106	10590096	4.62	15 1-	2 ACSR 6/1	0	0	1091	182	72	9	5	0.02	3.41	1
10590108	10590106	4.68	0 1-	2 ACSR 6/1	0	0	1073	182	0	0	0	0.00	3.41	0
10590107	10590106	4.66	13 1-	2 ACSR 6/1	0	0	1081	182	64	8	5	0.01	3.41	0
10590109	10590107	4.71	12 1-	2 ACSR 6/1	0	0	1065	182	62	7	4	0.01	3.43	0
10590067	10590109	4.75	1 1-	2 ACSR 6/1	0	0	1054	181	6	0	0	0.00	3.43	0
10590068	10590109	4.76	8 1-	2 ACSR 6/1	0	0	1050	181	41	5	3	0.01	3.43	0
10590194	10590068	4.84	7 1-	2 ACSR 6/1	0	0	1030	181	32	4	2	0.01	3.44	0
10590195	10590194	4.87	4 1-	2 ACSR 6/1	0	0	1021	180	21	2	2	0.00	3.44	0
10590069	10590195	4.96	2 1-	2 ACSR 6/1	0	0	999	180	14	1	1	0.00	3.45	0
10590070	10590069	5.06	1 1-	2 ACSR 6/1	0	0	973	179	8	0	1	0.00	3.45	0
10590095	10590104	4.51	1 1-	2 ACSR 6/1	0	0	1125	183	6	0	0	0.00	3.36	0
10590083	10590030	4.34	619 3-	4/0 ACSR 6/1	1646	1506	1186	185	3129	135	40	0.07	4.47	179
10590137	10590083	4.36	613 3-	4/0 ACSR 6/1	1639	1499	1181	185	3106	134	40	0.02	4.49	59
10590138	10590137	4.39	610 3-	4/0 ACSR 6/1	1630	1490	1173	185	3097	134	39	0.03	4.53	85
D10-59-P021	10590138	4.39	46 1-	REC-35-H	0	0	1173	185	273	36	103	0.00	5.83	0
10590181	D10-59-P021	4.42	46 1-	2 ACSR 6/1	0	0	1163	184	273	36	20	0.03	5.86	6
10590140	10590181	4.45	42 1-	2 ACSR 6/1	0	0	1155	184	258	34	19	0.02	5.88	5
10590141	10590140	4.49	14 1-	2 ACSR 6/1	0	0	1142	184	82	10	6	0.01	5.89	0
10590142	10590141	4.52	14 1-	2 ACSR 6/1	0	0	1130	184	82	10	6	0.01	5.91	0
10590200	10590142	4.57	13 1-	2 ACSR 6/1	0	0	1117	183	75	9	6	0.01	5.92	0
10590201	10590200	4.64	12 1-	2 ACSR 6/1	0	0	1094	183	69	9	5	0.02	5.94	0
10590143	10590201	4.70	11 1-	2 ACSR 6/1	0	0	1077	182	61	8	4	0.01	5.95	0
10590098	10590143	4.73	4 1-	2 ACSR 6/1	0	0	1069	182	26	3	2	0.00	5.95	0
10590099	10590098	4.76	3 1-	2 ACSR 6/1	0	0	1061	182	20	2	1	0.00	5.95	0
10590180	10590099	4.79	1 1-	2 ACSR 6/1	0	0	1053	181	6	0	0	0.00	5.95	0
10590100	10590099	4.79	1 1-	2 ACSR 6/1	0	0	1053	181	8	1	1	0.00	5.95	0
10590144	10590143	4.74	4 1-	2 ACSR 6/1	0	0	1067	182	24	3	2	0.00	5.95	0
10590103	10590144	4.76	3 1-	2 ACSR 6/1	0	0	1061	182	21	2	2	0.00	5.95	0
10590184	10590103	4.78	1 1-	2 ACSR 6/1	0	0	1055	182	10	1	1	0.00	5.95	0
10590183	10590184	4.80	1 1-	2 ACSR 6/1	0	0	1049	181	10	1	1	0.00	5.95	0
10590101	10590140	4.53	28 1-	2 ACSR 6/1	0	0	1129	183	176	23	13	0.05	5.94	8
10590102	10590101	4.63	27 1-	2 ACSR 6/1	0	0	1098	183	175	23	13	0.07	6.00	10
10590196	10590102	4.69	22 1-	2 ACSR 6/1	0	0	1081	182	147	19	11	0.03	6.03	4
10590199	10590196	4.76	21 1-	2 ACSR 6/1	0	0	1059	182	146	19	11	0.04	6.08	5
10590124	10590199	4.84	19 1-	2 ACSR 6/1	0	0	1038	181	137	18	10	0.04	6.11	4
10590179	10590124	4.89	17 1-	2 ACSR 6/1	0	0	1026	181	122	16	9	0.02	6.13	2
10590186	10590179	4.96	16 1-	2 ACSR 6/1	0	0	1007	180	119	15	9	0.03	6.16	3
10590187	10590186	5.08	15 1-	2 ACSR 6/1	0	0	978	179	111	14	8	0.05	6.21	5
10690025	10590187	5.12	12 1-	2 ACSR 6/1	0	0	967	179	93	12	7	0.01	6.23	0
10690063	10690025	5.16	10 1-	2 ACSR 6/1	0	0	958	179	80	10	6	0.01	6.24	0
10690064	10690063	5.22	9 1-	2 ACSR 6/1	0	0	945	178	78	10	6	0.02	6.26	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11620090	10690064	5.32	7 1-	2 ACSR 6/1	0	0	923	177	59	7	4	0.02	6.28	0
11620092	11620090	5.40	5 1-	2 ACSR 6/1	0	0	905	177	41	5	3	0.01	6.29	0
11620093	11620092	5.45	5 1-	2 ACSR 6/1	0	0	894	176	41	5	3	0.01	6.30	0
11620094	11620093	5.50	4 1-	2 ACSR 6/1	0	0	885	176	34	4	2	0.01	6.30	0
11620096	11620094	5.57	2 1-	2 ACSR 6/1	0	0	870	176	8	1	1	0.00	6.30	0
11620095	11620094	5.54	2 1-	2 ACSR 6/1	0	0	877	176	26	3	2	0.00	6.30	0
11620091	11620090	5.36	2 1-	2 ACSR 6/1	0	0	913	177	18	2	1	0.00	6.28	0
11620101	10690064	5.28	1 1-	2 ACSR 6/1	0	0	931	178	11	1	1	0.00	6.26	0
11620100	10690064	5.23	0 1-	2 ACSR 6/1	0	0	942	178	0	0	0	0.00	6.26	0
10690024	10590187	5.16	3 1-	2 ACSR 6/1	0	0	959	179	19	2	1	0.00	6.22	0
10690067	10690024	5.22	2 1-	2 ACSR 6/1	0	0	944	178	10	1	1	0.00	6.22	0
10590206	10590102	4.68	5 1-	2 ACSR 6/1	0	0	1083	182	28	3	2	0.00	6.01	0
10590207	10590206	4.71	2 1-	2 ACSR 6/1	0	0	1075	182	12	1	1	0.00	6.01	0
10590139	10590138	4.45	2 1-	2 ACSR 6/1	0	0	1155	184	16	2	1	0.00	3.41	0
10590032	10590138	4.54	562 3-	4/0 ACSR 6/1	1586	1449	1137	184	2807	121	36	0.13	4.67	316
10590133	10590032	4.60	550 3-	4/0 ACSR 6/1	1568	1432	1122	184	2747	119	35	0.05	4.73	128
10590129	10590133	4.66	3 1-	2 ACSR 6/1	0	0	1105	183	10	1	1	0.00	4.52	0
10590185	10590133	4.63	6 1-	2 ACSR 6/1	0	0	1114	184	44	5	3	0.00	3.64	0
10590192	10590185	4.66	4 1-	2 ACSR 6/1	0	0	1105	183	21	2	2	0.00	3.64	0
10590193	10590192	4.73	1 1-	2 ACSR 6/1	0	0	1086	183	6	0	0	0.00	3.64	0
10590136	10590133	4.69	538 3-	4/0 ACSR 6/1	1545	1410	1104	184	2679	116	34	0.06	4.80	160
10590115	10590136	4.72	8 1-	2 ACSR 6/1	0	0	1094	183	29	3	2	0.00	3.72	0
10590116	10590115	4.74	7 1-	2 ACSR 6/1	0	0	1087	183	27	3	2	0.00	3.72	0
10590034	10590116	4.78	3 1-	2 ACSR 6/1	0	0	1078	183	13	1	1	0.00	3.72	0
10590189	10590136	4.70	5 1-	2 ACSR 6/1	0	0	1099	183	21	2	2	0.00	4.58	0
10590191	10590189	4.74	1 1-	2 ACSR 6/1	0	0	1088	183	9	1	1	0.00	4.59	0
10590190	10590189	4.72	4 1-	2 ACSR 6/1	0	0	1094	183	12	1	1	0.00	4.59	0
10590135	10590136	4.73	524 3-	4/0 ACSR 6/1	1533	1398	1094	183	2626	113	33	0.04	4.84	86
10-59-P120-B	10590135	4.73	524 3-	Closed	1533	1398	1094	183	2625	113	0	0.00	4.84	0
10-59-P120-A	10-59-P120-B	4.73	524 3-	Closed	1533	1398	1094	183	2625	113	0	0.00	4.84	0
10590033	10-59-P120-A	4.76	524 3-	4/0 ACSR 6/1	1525	1391	1088	183	2625	113	33	0.02	4.87	55
10590036	10590033	4.80	1 1-	2 ACSR 6/1	0	0	1076	183	5	0	0	0.00	3.78	0
10590147	10590033	4.80	523 3-	4/0 ACSR 6/1	1514	1381	1079	183	2619	113	33	0.03	4.90	76
10590148	10590147	4.84	520 3-	4/0 ACSR 6/1	1503	1371	1071	183	2610	113	33	0.03	4.94	76
10590145	10590148	4.91	515 3-	4/0 ACSR 6/1	1486	1354	1056	183	2572	111	33	0.05	5.00	125
10490120	10590145	4.98	514 3-	4/0 ACSR 6/1	1469	1339	1043	182	2569	111	33	0.05	5.05	117
10490620	10490120	4.98	2 3-	Consumer	1469	1339	1043	182	213	9	0	0.00	5.05	0
10490051	10490120	5.04	511 3-	4/0 ACSR 6/1	1456	1326	1033	182	2354	102	30	0.04	5.09	84
10490142	10490051	5.16	1 3-	1/0 ACSR 6/1	1419	1290	1006	182	1	0	0	0.00	5.09	0
10490053	10490051	5.09	508 3-	4/0 ACSR 6/1	1442	1313	1022	182	2349	101	30	0.04	5.13	86
10490052	10490053	5.16	507 3-	1/0 ACSR 6/1	1421	1292	1006	182	2345	101	44	0.10	5.24	213
10490062	10490052	5.21	506 3-	1/0 ACSR 6/1	1406	1279	996	181	2342	101	44	0.07	5.31	146
10490066	10490062	5.25	438 3-	1/0 ACSR 6/1	1396	1268	988	181	2082	90	39	0.05	5.36	87
10490067	10490066	5.29	1 1-	2 ACSR 6/1	0	0	979	181	8	1	1	0.00	6.69	0
10490065	10490066	5.28	436 3-	1/0 ACSR 6/1	1388	1261	982	181	2068	90	39	0.04	5.39	65
10-49-P147-B	10490065	5.28	436 3-	Closed	1388	1261	982	181	2068	90	0	0.00	5.39	0
10-49-P147-A	10-49-P147-B	5.28	436 3-	Closed	1388	1261	982	181	2068	90	0	0.00	5.39	0
10490091	10-49-P147-A	5.31	436 3-	1/0 ACSR 6/1	1378	1252	975	181	2068	90	39	0.05	5.43	81
10490097	10490091	5.34	433 3-	1/0 ACSR 6/1	1371	1244	970	181	2059	89	39	0.04	5.47	63
10490096	10490097	5.38	430 3-	1/0 ACSR 6/1	1360	1234	962	181	2045	89	39	0.05	5.52	92
10490094	10490096	5.44	427 3-	1/0 ACSR 6/1	1343	1218	950	180	2030	88	38	0.08	5.60	141
10490093	10490094	5.47	3 1-	2 ACSR 6/1	0	0	943	180	11	1	1	0.00	5.35	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10490095	10490093	5.50	2 1-	2 ACSR 6/1	0	0	937	180	4	0	0	0.00	5.35	0
10490092	10490094	5.51	421 3-	1/0 ACSR 6/1	1325	1200	937	180	2013	87	38	0.09	5.68	152
10490141	10490092	5.58	415 3-	1/0 ACSR 6/1	1308	1184	925	179	2000	87	38	0.08	5.76	144
D10-49-P219	10490141	5.58	415 3-	REC-100-L	1308	1184	925	179	1998	87	37	0.00	5.76	0
10490100	D10-49-P219	5.59	415 3-	1/0 ACSR 6/1	1305	1181	922	179	1998	87	38	0.02	5.78	31
10490102	10490100	5.65	3 1-	2 ACSR 6/1	0	0	911	179	9	1	1	0.00	4.66	0
10490103	10490102	5.71	1 1-	2 ACSR 6/1	0	0	899	179	6	0	0	0.00	4.66	0
10490101	10490100	5.67	402 3-	1/0 ACSR 6/1	1285	1162	908	179	1963	85	37	0.10	5.87	166
10490050	10490101	5.72	1 1-	2 ACSR 6/1	0	0	899	179	3	0	0	0.00	4.74	0
10490049	10490101	5.71	390 3-	1/0 ACSR 6/1	1276	1153	901	179	1924	84	37	0.05	5.92	79
10490104	10490049	5.76	390 3-	1/0 ACSR 6/1	1265	1143	894	179	1923	84	37	0.06	5.97	89
10490106	10490104	5.82	386 3-	1/0 ACSR 6/1	1250	1129	883	178	1913	83	36	0.08	6.04	129
10490137	10490106	5.89	385 3-	1/0 ACSR 6/1	1234	1113	872	178	1910	83	36	0.09	6.12	143
10490139	10490137	5.91	2 1-	2 ACSR 6/1	0	0	867	178	11	1	1	0.00	4.97	0
10490140	10490139	5.97	1 1-	2 ACSR 6/1	0	0	856	177	5	0	0	0.00	4.97	0
10490138	10490137	5.97	383 3-	1/0 ACSR 6/1	1216	1096	859	177	1897	83	36	0.11	6.22	159
10490081	10490138	6.03	382 3-	1/0 ACSR 6/1	1203	1085	850	177	1892	82	36	0.08	6.28	114
10490119	10490081	6.10	381 3-	1/0 ACSR 6/1	1189	1071	839	177	1883	82	36	0.09	6.36	136
10490121	10490119	6.15	380 3-	1/0 ACSR 6/1	1177	1059	831	176	1881	82	36	0.07	6.42	109
10490122	10490121	6.45	378 3-	1/0 ACSR 6/1	1118	1004	789	175	1865	81	36	0.38	6.76	573
C10-49-P110	10490122	6.45	0 3-	Capacitor	1118	1004	789	175	0	-13	0	0.00	6.76	0
10490026	10490122	6.62	378 3-	1/0 ACSR 6/1	1087	975	767	174	1859	82	36	0.25	6.98	331
10390041	10490026	6.75	376 3-	1/0 ACSR 6/1	1064	954	751	173	1845	82	36	0.18	7.14	250
10390043	10390041	6.84	373 3-	1/0 ACSR 6/1	1049	939	740	173	1833	81	36	0.13	7.26	171
10390054	10390043	6.93	369 3-	1/0 ACSR 6/1	1034	926	730	172	1824	81	35	0.12	7.37	168
10390066	10390054	6.99	23 1-	2 ACSR 6/1	0	0	722	172	113	15	9	0.03	8.72	2
D10-39-P087	10390066	6.99	23 1-	FUS	0	0	722	172	113	15	349	0.00	8.72	0
10390064	D10-39-P087	7.03	23 1-	2 ACSR 6/1	0	0	716	172	113	15	9	0.00	8.74	2
10390035	10390064	7.08	2 1-	2 ACSR 6/1	0	0	710	171	4	0	0	0.00	8.74	0
10390045	10390064	7.09	19 1-	2 ACSR 6/1	0	0	708	171	100	13	8	0.02	8.76	2
10390033	10390045	7.20	15 1-	2 ACSR 6/1	0	0	695	171	82	11	6	0.03	8.79	2
10390057	10390033	7.30	11 1-	2 ACSR 6/1	0	0	683	170	59	7	4	0.02	8.81	0
11320010	10390057	7.34	9 1-	2 ACSR 6/1	0	0	677	170	46	6	3	0.01	8.82	0
11320012	11320010	7.43	8 1-	2 ACSR 6/1	0	0	667	169	38	5	3	0.01	8.83	0
11320013	11320012	7.48	1 1-	2 ACSR 6/1	0	0	661	169	11	1	1	0.00	8.83	0
11320014	11320012	7.49	6 1-	2 ACSR 6/1	0	0	660	169	18	2	1	0.00	8.84	0
11320015	11320014	7.56	4 1-	2 ACSR 6/1	0	0	653	168	11	1	1	0.00	8.84	0
11320017	11320015	7.62	2 1-	2 ACSR 6/1	0	0	645	168	5	0	0	0.00	8.84	0
11320021	11320017	8.01	1 1-	2 ACSR 6/1	0	0	606	165	4	0	0	0.00	8.84	0
11320016	11320015	7.60	2 1-	2 ACSR 6/1	0	0	648	168	6	0	0	0.00	8.84	0
11320018	11320016	7.70	1 1-	2 ACSR 6/1	0	0	637	167	6	0	0	0.00	8.84	0
11320011	11320010	7.38	1 1-	2 ACSR 6/1	0	0	673	169	8	1	1	0.00	8.82	0
10390032	10390033	7.26	2 1-	2 ACSR 6/1	0	0	687	170	14	1	1	0.00	8.80	0
10390034	10390033	7.31	1 1-	2 ACSR 6/1	0	0	681	170	2	0	0	0.00	8.79	0
10390031	10390045	7.17	2 1-	2 ACSR 6/1	0	0	698	171	11	1	1	0.00	8.76	0
10390036	10390031	7.21	1 1-	2 ACSR 6/1	0	0	693	170	6	0	0	0.00	8.77	0
10390030	10390045	7.16	2 1-	2 ACSR 6/1	0	0	699	171	8	1	1	0.00	8.76	0
10390048	10390054	7.05	343 3-	1/0 ACSR 6/1	1015	908	717	172	1686	75	33	0.16	7.51	191
D10-39-P025	10390048	7.05	7 1-	FUS	0	0	717	172	39	5	119	0.00	8.80	0
10390063	D10-39-P025	7.07	7 1-	2 ACSR 6/1	0	0	713	172	39	5	3	0.00	8.80	0
10390065	10390063	7.11	2 1-	2 ACSR 6/1	0	0	709	171	14	1	1	0.00	8.80	0
10390052	10390048	7.13	329 3-	1/0 ACSR 6/1	1003	896	708	172	1611	71	31	0.11	7.60	124

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10390028	10390052	7.17	322 3-	1/0 ACSR 6/1	996	890	703	171	1583	70	31	0.06	7.65	66
10390029	10390028	7.27	320 3-	1/0 ACSR 6/1	982	877	693	171	1569	70	31	0.13	7.75	139
10390022	10390029	7.35	319 3-	1/0 ACSR 6/1	970	866	685	170	1561	69	30	0.11	7.84	116
10390023	10390022	7.51	317 3-	1/0 ACSR 6/1	946	844	668	170	1547	69	30	0.22	8.02	236
10390053	10390023	7.59	5 1-	2 ACSR 6/1	0	0	659	169	11	1	1	0.00	9.14	0
10390058	10390053	7.65	4 1-	2 ACSR 6/1	0	0	653	169	11	1	1	0.00	9.15	0
11320019	10390058	7.87	1 1-	2 ACSR 6/1	0	0	629	167	5	0	0	0.00	9.15	0
11320008	10390058	7.69	1 1-	2 ACSR 6/1	0	0	649	168	2	0	0	0.00	9.15	0
11320009	11320008	7.73	0 1-	2 ACSR 6/1	0	0	644	168	0	0	0	0.00	9.15	0
10390056	10390023	7.60	312 3-	1/0 ACSR 6/1	935	833	660	169	1534	68	30	0.11	8.11	120
10290029	10390056	7.68	311 3-	1/0 ACSR 6/1	924	824	653	169	1528	68	30	0.11	8.20	113
10290030	10290029	7.72	3 1-	2 ACSR 6/1	0	0	648	168	28	3	2	0.00	9.25	0
10290037	10290030	7.75	2 1-	2 ACSR 6/1	0	0	644	168	15	2	1	0.00	9.25	0
10290011	10290029	7.79	308 3-	1/0 ACSR 6/1	909	810	642	168	1499	67	29	0.15	8.32	158
10290047	10290011	7.84	2 1-	2 ACSR 6/1	0	0	638	168	14	1	1	0.00	8.49	0
10290035	10290011	7.89	4 1-	2 ACSR 6/1	0	0	632	168	23	3	2	0.01	7.17	0
10290036	10290035	7.96	3 1-	2 ACSR 6/1	0	0	625	167	16	2	1	0.00	7.17	0
10290039	10290036	8.02	1 1-	2 ACSR 6/1	0	0	619	167	9	1	1	0.00	7.17	0
10290040	10290039	8.12	0 1-	2 ACSR 6/1	0	0	609	166	0	0	0	0.00	7.17	0
10290038	10290036	8.01	2 1-	2 ACSR 6/1	0	0	620	167	7	0	1	0.00	7.17	0
10290034	10290011	7.83	1 1-	2 ACSR 6/1	0	0	638	168	11	1	1	0.00	7.16	0
10290014	10290011	7.88	301 3-	1/0 ACSR 6/1	898	800	634	168	1449	65	28	0.11	8.41	113
10290049	10290014	7.98	300 3-	1/0 ACSR 6/1	886	789	626	167	1435	64	28	0.12	8.51	121
10290013	10290049	8.00	296 3-	1/0 ACSR 6/1	884	786	624	167	1421	63	28	0.03	8.53	28
D10-29-P023	10290013	8.00	27 1-	REC-35-H	0	0	624	167	106	14	40	0.00	7.41	0
11220040	D10-29-P023	8.07	27 1-	2 ACSR 6/1	0	0	617	167	106	14	8	0.03	7.44	3
11220023	11220040	8.13	4 1-	2 ACSR 6/1	0	0	611	166	13	1	1	0.00	7.44	0
11220029	11220040	8.28	5 1-	2 ACSR 6/1	0	0	597	165	28	3	2	0.02	7.46	0
11220034	11220029	8.38	3 1-	2 ACSR 6/1	0	0	588	165	18	2	1	0.01	7.46	0
11220028	11220034	8.42	2 1-	2 ACSR 6/1	0	0	584	164	14	1	1	0.00	7.46	0
11220022	11220028	8.61	1 1-	2 ACSR 6/1	0	0	568	163	9	1	1	0.00	7.47	0
11220044	11220022	8.66	0 1-	2 ACSR 6/1	0	0	563	163	0	0	0	0.00	7.47	0
11220015	11220040	8.16	18 1-	2 ACSR 6/1	0	0	608	166	66	8	5	0.02	7.46	1
11220030	11220015	8.41	14 1-	2 ACSR 6/1	0	0	585	164	45	6	3	0.04	7.50	1
11220031	11220030	8.51	12 1-	2 ACSR 6/1	0	0	576	164	40	5	3	0.01	7.51	0
11220032	11220031	8.61	11 1-	2 ACSR 6/1	0	0	568	163	37	5	3	0.01	7.53	0
11220033	11220032	8.68	1 1-	2 ACSR 6/1	0	0	562	163	3	0	0	0.00	7.53	0
11220026	11220032	8.93	10 1-	2 ACSR 6/1	0	0	542	161	34	4	3	0.04	7.57	1
11220020	11220026	8.98	2 1-	2 ACSR 6/1	0	0	538	161	6	0	0	0.00	7.57	0
11220019	11220020	9.10	1 1-	2 ACSR 6/1	0	0	529	160	1	0	0	0.00	7.57	0
11220013	11220026	8.99	8 1-	2 ACSR 6/1	0	0	537	161	28	3	2	0.01	7.58	0
11220043	11220013	9.05	7 1-	2 ACSR 6/1	0	0	532	160	22	2	2	0.00	7.58	0
11220027	11220043	9.12	1 1-	2 ACSR 6/1	0	0	527	160	0	0	0	0.00	7.58	0
11220024	11220043	9.14	6 1-	2 ACSR 6/1	0	0	526	160	22	2	2	0.01	7.59	0
11220025	11220024	9.38	5 1-	2 ACSR 6/1	0	0	508	158	13	1	1	0.01	7.60	0
D11-23-P010	11220025	9.38	4 1-	FUS	0	0	508	158	8	1	25	0.00	7.60	0
11230016	D11-23-P010	9.91	4 1-	2 ACSR 6/1	0	0	474	155	8	1	1	0.01	7.61	0
11330016	11230016	9.99	3 1-	2 ACSR 6/1	0	0	469	155	6	0	0	0.00	7.61	0
11330017	11330016	10.03	1 1-	2 ACSR 6/1	0	0	467	154	4	0	0	0.00	7.61	0
11220016	11220026	8.99	0 1-	2 ACSR 6/1	0	0	537	161	0	0	0	0.00	7.57	0
11220035	11220015	8.24	4 1-	2 ACSR 6/1	0	0	601	166	20	2	2	0.00	7.46	0
11220036	11220035	8.30	2 1-	2 ACSR 6/1	0	0	595	165	11	1	1	0.00	7.47	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
5830010	5830004	12.52	6 1-	2 ACSR 6/1	0	0	363	143	31	4	2	0.03	11.88	0
5830011	5830010	12.55	5 1-	2 ACSR 6/1	0	0	363	142	24	3	2	0.00	11.88	0
5830003	5830011	12.83	4 1-	2 ACSR 6/1	0	0	353	141	18	2	1	0.02	11.90	0
5730006	5830003	13.20	3 1-	2 ACSR 6/1	0	0	340	139	12	1	1	0.01	11.91	0
5830008	5830004	12.52	2 1-	2 ACSR 6/1	0	0	363	143	7	1	1	0.00	11.85	0
5830009	5830008	12.63	1 1-	2 ACSR 6/1	0	0	359	142	1	0	0	0.00	11.86	0
5730007	5830009	12.91	0 1-	2 ACSR 6/1	0	0	350	141	0	0	0	0.00	11.86	0
5730005	5730007	12.96	0 1-	2 ACSR 6/1	0	0	348	140	0	0	0	0.00	11.86	0
5820021	5920007	10.86	5 1-	2 ACSR 6/1	0	0	435	152	17	2	1	0.00	11.50	0
5820024	5820021	10.93	3 1-	2 ACSR 6/1	0	0	431	151	14	1	1	0.00	11.50	0
5820025	5820024	11.02	2 1-	2 ACSR 6/1	0	0	427	151	5	0	0	0.00	11.50	0
11020009	11120040	9.86	6 1-	2 ACSR 6/1	0	0	492	158	35	4	3	0.01	10.94	0
11020008	11020009	9.90	1 1-	2 ACSR 6/1	0	0	490	157	7	0	1	0.00	10.94	0
11020010	11020009	9.96	4 1-	2 ACSR 6/1	0	0	486	157	27	3	2	0.01	10.94	0
11020014	11020010	10.02	2 1-	2 ACSR 6/1	0	0	482	157	15	2	1	0.00	10.95	0
11120043	11120020	9.71	0 1-	2 ACSR 6/1	0	0	502	159	0	0	0	0.00	10.76	0
11120046	11120019	9.52	1 1-	2 ACSR 6/1	0	0	515	160	4	0	0	0.00	10.68	0
11120021	11120030	9.36	58 3-	1/0 ACSR 6/1	744	659	527	161	318	14	6	0.01	9.50	2
D11-12-P062	11120021	9.36	58 3-	REC-35-H	744	659	527	161	318	14	41	0.00	9.50	0
11120022	D11-12-P062	9.43	58 3-	1/0 ACSR 6/1	738	653	522	161	318	14	6	0.03	9.51	7
11120025	11120022	9.75	57 3-	1/0 ACSR 6/1	712	629	504	159	312	14	6	0.12	9.58	31
D10-09-P010	11120025	9.75	32 1-	SEC-25-GH	0	0	504	159	192	26	0	0.00	9.97	0
10090020	D10-09-P010	9.95	32 1-	2 ACSR 6/1	0	0	491	158	192	26	15	0.15	10.12	23
10090021	10090020	10.00	30 1-	2 ACSR 6/1	0	0	488	158	177	24	13	0.03	10.15	5
10090022	10090021	10.04	29 1-	2 ACSR 6/1	0	0	485	157	170	23	13	0.03	10.18	4
10090023	10090022	10.07	29 1-	2 ACSR 6/1	0	0	483	157	170	23	13	0.02	10.20	3
10090028	10090023	10.18	27 1-	2 ACSR 6/1	0	0	477	156	158	21	12	0.06	10.26	8
10090033	10090028	10.24	23 1-	2 ACSR 6/1	0	0	473	156	134	18	10	0.03	10.29	3
10090029	10090033	10.28	21 1-	2 ACSR 6/1	0	0	470	156	125	17	9	0.02	10.31	2
10090025	10090029	10.30	3 1-	2 ACSR 6/1	0	0	469	156	17	2	1	0.00	10.31	0
10090026	10090025	10.38	2 1-	2 ACSR 6/1	0	0	465	155	15	2	1	0.00	10.31	0
10090024	10090029	10.33	17 1-	2 ACSR 6/1	0	0	468	156	95	12	7	0.02	10.33	1
10090027	10090024	10.45	1 1-	2 ACSR 6/1	0	0	461	155	2	0	0	0.00	10.33	0
10090032	10090024	10.37	16 1-	2 ACSR 6/1	0	0	466	155	93	12	7	0.01	10.34	0
10190007	10090032	10.52	15 1-	2 ACSR 6/1	0	0	457	154	88	12	7	0.05	10.39	4
10190005	10190007	10.62	15 1-	2 ACSR 6/1	0	0	451	154	88	12	7	0.03	10.43	3
10090035	10190005	10.79	14 1-	2 ACSR 6/1	0	0	442	153	80	11	6	0.05	10.47	3
10080018	10090035	10.83	13 1-	2 ACSR 6/1	0	0	440	153	74	10	6	0.01	10.49	0
10080019	10080018	10.88	12 1-	2 ACSR 6/1	0	0	438	152	64	8	5	0.01	10.50	0
10080010	10080019	10.91	1 1-	2 ACSR 6/1	0	0	436	152	3	0	0	0.00	10.50	0
10080008	10080019	11.02	11 1-	2 ACSR 6/1	0	0	430	151	61	8	5	0.03	10.53	1
10080009	10080008	11.10	9 1-	2 ACSR 6/1	0	0	427	151	48	6	4	0.01	10.54	0
10080007	10080009	11.13	8 1-	2 ACSR 6/1	0	0	425	151	37	5	3	0.00	10.55	0
10080013	10080007	11.18	6 1-	2 ACSR 6/1	0	0	423	151	27	3	2	0.00	10.55	0
10080014	10080013	11.25	5 1-	2 ACSR 6/1	0	0	419	150	27	3	2	0.01	10.56	0
10080012	10080014	11.32	2 1-	2 ACSR 6/1	0	0	416	150	8	1	1	0.00	10.56	0
10080020	10080012	11.49	1 1-	2 ACSR 6/1	0	0	408	149	3	0	0	0.00	10.56	0
10080011	10080014	11.30	1 1-	2 ACSR 6/1	0	0	417	150	9	1	1	0.00	10.56	0
10080006	10080011	11.36	1 1-	2 ACSR 6/1	0	0	414	150	9	1	1	0.00	10.56	0
10080005	10080007	11.25	1 1-	2 ACSR 6/1	0	0	419	150	2	0	0	0.00	10.55	0
10190008	10190007	10.64	0 1-	2 ACSR 6/1	0	0	450	154	0	0	0	0.00	10.39	0
10090019	10090023	10.21	2 1-	2 ACSR 6/1	0	0	475	156	12	1	1	0.00	10.20	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10090031	10090019	10.33	1 1-	2 ACSR 6/1	0	0	468	155	4	0	0	0.00	10.20	0
10090030	11120025	10.34	23 1-	2 ACSR 6/1	0	0	467	155	111	15	8	0.25	10.97	23
4990004	10090030	10.41	21 1-	2 ACSR 6/1	0	0	463	155	105	14	8	0.03	10.99	2
4990005	4990004	10.47	21 1-	2 ACSR 6/1	0	0	459	155	100	13	8	0.02	11.02	2
4990006	4990005	10.86	20 1-	2 ACSR 6/1	0	0	439	152	94	12	7	0.14	11.16	12
4890021	4990006	10.97	20 1-	2 ACSR 6/1	0	0	433	152	94	12	7	0.04	11.20	3
4890022	4890021	11.07	1 1-	2 ACSR 6/1	0	0	428	151	7	0	1	0.00	11.20	0
4890018	4890021	11.02	19 1-	2 ACSR 6/1	0	0	430	151	87	12	7	0.02	11.22	1
D04-89-P022	4890018	11.02	4 1-	FUS	0	0	430	151	6	0	20	0.00	11.22	0
4890032	D04-89-P022	11.15	4 1-	2 ACSR 6/1	0	0	424	151	6	0	0	0.00	11.22	0
4890027	4890032	11.25	2 1-	2 ACSR 6/1	0	0	419	150	6	0	0	0.00	11.22	0
4890023	4890027	11.38	2 1-	2 ACSR 6/1	0	0	413	149	6	0	0	0.00	11.23	0
4890024	4890023	11.61	1 1-	2 ACSR 6/1	0	0	403	148	0	0	0	0.00	11.23	0
4890030	4890024	11.68	1 1-	2 ACSR 6/1	0	0	400	148	0	0	0	0.00	11.23	0
4890025	4890024	11.68	0 1-	2 ACSR 6/1	0	0	400	148	0	0	0	0.00	11.23	0
4890028	4890018	11.12	15 1-	2 ACSR 6/1	0	0	426	151	81	11	6	0.03	11.25	2
4890029	4890028	11.31	14 1-	2 ACSR 6/1	0	0	417	150	78	10	6	0.06	11.31	4
4890014	4890029	11.34	1 1-	2 ACSR 6/1	0	0	415	150	5	0	0	0.00	11.31	0
4890019	4890029	11.44	13 1-	2 ACSR 6/1	0	0	410	149	74	10	6	0.04	11.34	2
4890015	4890019	11.68	6 1-	2 ACSR 6/1	0	0	400	148	39	5	3	0.03	11.38	0
4890016	4890015	11.87	5 1-	2 ACSR 6/1	0	0	392	147	32	4	2	0.02	11.40	0
4890017	4890016	12.05	4 1-	2 ACSR 6/1	0	0	384	146	26	3	2	0.02	11.42	0
5720014	4890017	12.15	3 1-	2 ACSR 6/1	0	0	380	145	22	3	2	0.01	11.42	0
5720033	5720014	12.27	3 1-	2 ACSR 6/1	0	0	376	145	22	3	2	0.01	11.43	0
5720031	5720033	12.36	2 1-	2 ACSR 6/1	0	0	372	144	10	1	1	0.00	11.44	0
5720032	5720031	12.41	1 1-	2 ACSR 6/1	0	0	370	144	8	1	1	0.00	11.44	0
5720034	5720032	12.48	0 1-	2 ACSR 6/1	0	0	368	143	0	0	0	0.00	11.44	0
4890012	4890019	11.54	7 1-	2 ACSR 6/1	0	0	406	149	34	4	3	0.01	11.36	0
D04-89-P004	4890012	11.54	4 1-	FUS	0	0	406	149	21	2	66	0.00	11.36	0
4890031	D04-89-P004	12.23	4 1-	2 ACSR 6/1	0	0	377	145	21	2	2	0.05	11.41	0
4790004	4890031	12.37	3 1-	2 ACSR 6/1	0	0	372	144	17	2	1	0.01	11.42	0
4790007	4790004	12.47	3 1-	2 ACSR 6/1	0	0	368	144	17	2	1	0.01	11.42	0
4790008	4790007	12.54	2 1-	2 ACSR 6/1	0	0	366	143	16	2	1	0.00	11.43	0
4790006	4790008	12.59	1 1-	2 ACSR 6/1	0	0	364	143	12	1	1	0.00	11.43	0
4790005	4790008	12.59	1 1-	2 ACSR 6/1	0	0	364	143	3	0	0	0.00	11.43	0
4890020	4890012	12.14	3 1-	2 ACSR 6/1	0	0	381	145	13	1	1	0.03	11.39	0
4790009	4890020	12.22	2 1-	2 ACSR 6/1	0	0	378	145	10	1	1	0.00	11.39	0
4790010	4790009	12.33	1 1-	2 ACSR 6/1	0	0	374	144	4	0	0	0.00	11.39	0
11120027	11120022	9.48	1 1-	2 ACSR 6/1	0	0	519	160	6	0	0	0.00	8.10	0
11120032	11120031	9.15	0 1-	2 ACSR 6/1	0	0	539	162	0	0	0	0.00	8.11	0
11120018	11120037	9.37	129 3-	1/0 ACSR 6/1	743	658	526	161	578	26	11	0.18	9.51	85
11120047	11120018	9.47	128 3-	1/0 ACSR 6/1	735	650	520	160	570	25	11	0.05	9.55	22
11120048	11120047	9.56	128 3-	1/0 ACSR 6/1	727	643	515	160	570	25	11	0.05	9.59	22
11120042	11120048	9.67	3 1-	2 ACSR 6/1	0	0	507	159	8	1	1	0.00	10.50	0
11120017	11120048	9.73	125 3-	1/0 ACSR 6/1	713	630	505	159	561	25	11	0.08	9.66	37
11120038	11120017	9.95	121 3-	1/0 ACSR 6/1	696	615	493	158	538	24	11	0.09	9.74	44
11130035	11120038	10.13	121 3-	1/0 ACSR 6/1	682	603	483	157	538	24	11	0.07	9.81	35
D11-13-P004	11130035	10.13	8 1-	FUS	0	0	483	157	34	4	105	0.00	8.81	0
11130049	D11-13-P004	10.24	8 1-	2 ACSR 6/1	0	0	477	157	34	4	3	0.01	8.82	0
11130031	11130049	10.29	7 1-	2 ACSR 6/1	0	0	474	156	24	3	2	0.00	8.83	0
11130051	11130031	10.46	5 1-	2 ACSR 6/1	0	0	464	155	13	1	1	0.01	8.83	0
11130052	11130051	10.61	5 1-	2 ACSR 6/1	0	0	456	154	13	1	1	0.01	8.84	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11230007	11130052	10.68	4 1-	2 ACSR 6/1	0	0	451	154	11	1	1	0.00	8.84	0
11230008	11230007	10.76	2 1-	2 ACSR 6/1	0	0	448	154	2	0	0	0.00	8.84	0
11230009	11230008	10.86	2 1-	2 ACSR 6/1	0	0	442	153	2	0	0	0.00	8.84	0
11230017	11230009	10.98	1 1-	2 ACSR 6/1	0	0	436	152	2	0	0	0.00	8.84	0
11230018	11230017	11.01	1 1-	2 ACSR 6/1	0	0	435	152	2	0	0	0.00	8.84	0
11130032	11130035	10.23	113 3-	1/0 ACSR 6/1	675	596	479	157	504	22	10	0.04	9.85	17
11130033	11130032	10.40	111 3-	1/0 ACSR 6/1	664	586	470	156	501	22	10	0.07	9.90	28
11130026	11130033	10.55	111 3-	1/0 ACSR 6/1	653	576	463	156	501	22	10	0.06	9.96	26
11130036	11130026	10.60	48 1-	2 ACSR 6/1	0	0	460	155	191	25	14	0.04	9.06	6
D11-13-P045	11130036	10.60	47 1-	SEC-50-GH	0	0	460	155	190	25	0	0.00	9.06	0
11130050	D11-13-P045	11.20	47 1-	2 ACSR 6/1	0	0	429	152	190	25	14	0.43	9.49	68
11030008	11130050	11.29	45 1-	2 ACSR 6/1	0	0	424	151	179	24	14	0.06	9.55	9
11030007	11030008	11.34	43 1-	2 ACSR 6/1	0	0	422	151	169	23	13	0.03	9.58	4
11030013	11030007	11.38	42 1-	2 ACSR 6/1	0	0	420	151	164	22	12	0.03	9.61	4
11030014	11030013	11.42	40 1-	2 ACSR 6/1	0	0	418	150	158	21	12	0.03	9.64	4
11030011	11030014	11.47	37 1-	2 ACSR 6/1	0	0	415	150	154	21	12	0.03	9.67	4
11030012	11030011	11.53	1 1-	2 ACSR 6/1	0	0	413	150	6	0	0	0.00	9.67	0
11030009	11030011	11.57	36 1-	2 ACSR 6/1	0	0	411	150	148	20	11	0.05	9.72	6
11040007	11030009	11.72	35 1-	2 ACSR 6/1	0	0	404	149	145	19	11	0.08	9.80	10
11040008	11040007	11.81	32 1-	2 ACSR 6/1	0	0	401	148	135	18	10	0.04	9.85	5
11040006	11040008	11.97	31 1-	2 ACSR 6/1	0	0	394	147	131	17	10	0.08	9.93	9
5940006	11040006	12.26	30 1-	2 ACSR 6/1	0	0	382	146	126	17	10	0.14	10.07	14
5940007	5940006	12.33	29 1-	2 ACSR 6/1	0	0	379	145	121	16	9	0.03	10.10	3
5940005	5940007	12.44	24 1-	2 ACSR 6/1	0	0	375	145	110	15	8	0.05	10.15	4
5840005	5940005	12.60	22 1-	2 ACSR 6/1	0	0	369	144	108	14	8	0.07	10.21	6
5840007	5840005	12.77	20 1-	2 ACSR 6/1	0	0	363	143	105	14	8	0.07	10.28	6
5840011	5840007	12.86	19 1-	2 ACSR 6/1	0	0	359	143	97	13	7	0.04	10.32	3
5840012	5840011	13.05	17 1-	2 ACSR 6/1	0	0	353	142	94	12	7	0.07	10.38	5
5840008	5840012	13.13	16 1-	2 ACSR 6/1	0	0	350	141	87	11	7	0.03	10.41	2
05-84-P019-B	5840008	13.13	16 1-	Closed	0	0	350	141	87	11	0	0.00	10.41	0
05-84-P019-A	05-84-P019-B	13.13	16 1-	Closed	0	0	350	141	87	11	0	0.00	10.41	0
5850015	05-84-P019-A	13.49	16 1-	2 ACSR 6/1	0	0	339	139	87	11	7	0.12	10.53	9
5950021	5850015	13.95	16 1-	2 ACSR 6/1	0	0	325	137	87	11	7	0.15	10.68	10
5950023	5950021	13.99	9 1-	2 ACSR 6/1	0	0	323	137	53	7	4	0.01	10.69	0
5950017	5950023	14.08	9 1-	2 ACSR 6/1	0	0	321	137	53	7	4	0.02	10.70	0
5850016	5950017	14.18	8 1-	2 ACSR 6/1	0	0	318	136	52	7	4	0.02	10.72	0
5850017	5850016	14.29	7 1-	2 ACSR 6/1	0	0	315	136	49	6	4	0.02	10.74	0
5850018	5850017	14.35	6 1-	2 ACSR 6/1	0	0	313	135	42	5	3	0.01	10.75	0
5850019	5850018	14.45	5 1-	2 ACSR 6/1	0	0	311	135	40	5	3	0.01	10.77	0
5850020	5850019	14.49	4 1-	2 ACSR 6/1	0	0	310	135	32	4	2	0.00	10.77	0
5850024	5850020	14.89	2 1-	2 ACSR 6/1	0	0	300	133	22	3	2	0.02	10.79	0
5850025	5850024	15.00	1 1-	2 ACSR 6/1	0	0	297	132	1	0	0	0.00	10.79	0
5860003	5850025	15.07	0 1-	2 ACSR 6/1	0	0	295	132	0	0	0	0.00	10.79	0
5850021	5850020	14.53	2 1-	2 ACSR 6/1	0	0	309	134	10	1	1	0.00	10.77	0
5850027	5850021	14.63	1 1-	2 ACSR 6/1	0	0	306	134	3	0	0	0.00	10.77	0
5850026	5850027	14.81	1 1-	2 ACSR 6/1	0	0	302	133	3	0	0	0.00	10.77	0
5950022	5950021	14.12	5 1-	2 ACSR 6/1	0	0	320	136	23	3	2	0.01	10.69	0
5950020	5950022	14.16	4 1-	2 ACSR 6/1	0	0	319	136	19	2	1	0.00	10.69	0
5950019	5950020	14.21	3 1-	2 ACSR 6/1	0	0	318	136	17	2	1	0.00	10.70	0
5950018	5950019	14.30	3 1-	2 ACSR 6/1	0	0	315	136	17	2	1	0.00	10.70	0
11050041	5950018	14.45	2 1-	2 ACSR 6/1	0	0	311	135	6	0	0	0.00	10.70	0
11050039	11050041	14.53	1 1-	2 ACSR 6/1	0	0	309	134	3	0	0	0.00	10.70	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
5950009	5950020	14.27	0 1-	2 ACSR 6/1	0	0	316	136	0	0	0	0.00	10.69	0
5840006	5840005	12.92	2 1-	2 ACSR 6/1	0	0	358	142	3	0	0	0.00	10.21	0
11030010	11030007	11.35	1 1-	2 ACSR 6/1	0	0	421	151	5	0	0	0.00	9.58	0
11130024	11130026	10.63	63 3-	1/0 ACSR 6/1	648	571	459	155	309	14	6	0.05	9.98	10
11130027	11130024	10.73	62 3-	1/0 ACSR 6/1	641	565	455	155	307	14	6	0.06	10.00	11
11130028	11130027	10.77	61 3-	1/0 ACSR 6/1	639	563	453	155	301	13	6	0.02	10.00	4
11130029	11130028	10.82	60 3-	1/0 ACSR 6/1	636	560	451	154	298	13	6	0.03	10.02	6
D11-13-P017A	11130029	10.82	42 1-	REC-35-H	0	0	451	154	218	30	86	0.00	11.08	0
11130041	D11-13-P017A	11.00	42 1-	2 ACSR 6/1	0	0	441	153	218	30	17	0.15	11.24	28
11130043	11130041	11.06	36 1-	2 ACSR 6/1	0	0	438	153	202	27	15	0.05	11.29	9
11130044	11130043	11.12	35 1-	2 ACSR 6/1	0	0	435	153	196	27	15	0.04	11.33	7
11130046	11130044	11.26	34 1-	2 ACSR 6/1	0	0	428	152	189	26	15	0.10	11.43	16
11140036	11130046	11.32	34 1-	2 ACSR 6/1	0	0	425	151	189	26	15	0.05	11.48	8
11140037	11140036	11.37	33 1-	2 ACSR 6/1	0	0	423	151	185	25	14	0.03	11.51	5
11140038	11140037	11.43	30 1-	2 ACSR 6/1	0	0	420	151	167	23	13	0.04	11.55	5
11140042	11140038	11.71	28 1-	2 ACSR 6/1	0	0	407	149	150	20	12	0.17	11.71	22
11140044	11140042	11.78	0 1-	2 ACSR 6/1	0	0	404	149	0	0	0	0.00	11.71	0
11140043	11140042	11.80	28 1-	2 ACSR 6/1	0	0	403	149	150	20	12	0.05	11.76	6
11140026	11140043	11.85	27 1-	2 ACSR 6/1	0	0	401	148	146	20	11	0.03	11.79	4
11140027	11140026	12.07	26 1-	2 ACSR 6/1	0	0	391	147	139	19	11	0.11	11.91	13
11140028	11140027	12.20	25 1-	2 ACSR 6/1	0	0	386	147	129	17	10	0.06	11.97	7
11140031	11140028	12.26	23 1-	2 ACSR 6/1	0	0	384	146	123	17	9	0.03	12.00	3
11140033	11140031	12.30	1 1-	2 ACSR 6/1	0	0	382	146	7	0	1	0.00	12.00	0
11140032	11140031	12.40	22 1-	2 ACSR 6/1	0	0	378	145	116	16	9	0.06	12.06	6
11140017	11140032	12.58	20 1-	2 ACSR 6/1	0	0	371	144	107	14	8	0.08	12.14	7
11140024	11140017	12.63	2 1-	2 ACSR 6/1	0	0	370	144	7	0	1	0.00	12.14	0
11140018	11140017	12.81	18 1-	2 ACSR 6/1	0	0	363	143	100	13	8	0.09	12.23	8
11050033	11140018	12.92	17 1-	2 ACSR 6/1	0	0	359	143	97	13	8	0.04	12.27	3
11050034	11050033	12.98	16 1-	2 ACSR 6/1	0	0	357	142	89	12	7	0.02	12.29	1
11050035	11050034	13.01	14 1-	2 ACSR 6/1	0	0	356	142	84	11	6	0.01	12.30	0
11050036	11050035	13.18	12 1-	2 ACSR 6/1	0	0	350	141	64	8	5	0.04	12.34	2
11050037	11050036	13.29	11 1-	2 ACSR 6/1	0	0	346	141	54	7	4	0.02	12.36	1
11050042	11050037	13.38	10 1-	2 ACSR 6/1	0	0	344	140	49	6	4	0.02	12.38	0
11050043	11050042	13.46	9 1-	2 ACSR 6/1	0	0	341	140	44	6	3	0.01	12.39	0
11050040	11050043	13.49	8 1-	2 ACSR 6/1	0	0	340	140	36	5	3	0.00	12.39	0
D11-05-P027	11050040	13.49	7 1-	SEC-35-GH	0	0	340	140	30	4	0	0.00	12.39	0
11050044	D11-05-P027	13.57	7 1-	2 ACSR 6/1	0	0	338	139	30	4	2	0.01	12.40	0
11050045	11050044	13.64	5 1-	2 ACSR 6/1	0	0	336	139	18	2	1	0.00	12.40	0
11050051	11050045	13.83	3 1-	2 ACSR 6/1	0	0	330	138	10	1	1	0.01	12.41	0
11050053	11050051	14.14	0 1-	15 KV 2 URD XLP	0	0	321	224	0	0	0	0.00	12.41	0
5950026	11050053	14.38	0 1-	2 ACSR 6/1	0	0	314	135	0	0	0	0.00	12.41	0
5950027	5950026	14.49	0 1-	15 KV 2 URD XLP	0	0	311	220	0	0	0	0.00	12.41	0
11050052	11050051	13.90	3 1-	2 ACSR 6/1	0	0	328	138	10	1	1	0.00	12.41	0
11050047	11050052	14.11	2 1-	2 ACSR 6/1	0	0	322	137	6	0	0	0.00	12.41	0
11060001	11050047	14.33	1 1-	2 ACSR 6/1	0	0	316	136	0	0	0	0.00	12.41	0
11060002	11060001	14.43	1 1-	2 ACSR 6/1	0	0	313	135	0	0	0	0.00	12.41	0
11050046	11050045	13.68	2 1-	2 ACSR 6/1	0	0	334	139	8	1	1	0.00	12.40	0
11050038	11050037	13.34	1 1-	2 ACSR 6/1	0	0	345	141	5	0	0	0.00	12.36	0
11050032	11140018	12.84	1 1-	2 ACSR 6/1	0	0	362	143	3	0	0	0.00	12.23	0
11140034	11140032	12.43	2 1-	2 ACSR 6/1	0	0	377	145	9	1	1	0.00	12.06	0
11140025	11140043	11.83	1 1-	2 ACSR 6/1	0	0	401	149	4	0	0	0.00	11.76	0
11140035	11140038	11.47	2 1-	2 ACSR 6/1	0	0	418	151	16	2	1	0.00	11.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11140029	11140035	11.52	1 1-	2 ACSR 6/1	0	0	415	150	11	1	1	0.00	11.55	0
11140030	11140029	11.56	1 1-	2 ACSR 6/1	0	0	414	150	11	1	1	0.00	11.55	0
11130045	11130044	11.15	1 1-	2 ACSR 6/1	0	0	434	152	7	0	1	0.00	11.33	0
11130042	11130041	11.12	2 1-	2 ACSR 6/1	0	0	435	153	6	0	0	0.00	11.24	0
D11-13-P017	11130029	10.82	17 1-	SEC-50-GH	0	0	451	154	73	9	0	0.00	9.93	0
11130025	D11-13-P017	11.10	17 1-	2 ACSR 6/1	0	0	436	153	73	9	6	0.08	10.01	5
11130038	11130025	11.14	15 1-	2 ACSR 6/1	0	0	434	152	67	9	5	0.01	10.02	0
11130039	11130038	11.17	14 1-	2 ACSR 6/1	0	0	432	152	60	8	5	0.01	10.03	0
11130040	11130039	11.21	2 1-	2 ACSR 6/1	0	0	431	152	3	0	0	0.00	10.03	0
11130047	11130039	11.26	12 1-	2 ACSR 6/1	0	0	428	152	57	7	4	0.02	10.05	0
11230010	11130047	11.30	11 1-	2 ACSR 6/1	0	0	426	152	52	7	4	0.01	10.05	0
11230011	11230010	11.32	10 1-	2 ACSR 6/1	0	0	425	151	43	5	3	0.00	10.06	0
11230012	11230011	11.39	6 1-	2 ACSR 6/1	0	0	422	151	34	4	3	0.01	10.06	0
11240009	11230012	11.43	3 1-	2 ACSR 6/1	0	0	420	151	19	2	1	0.00	10.07	0
11240010	11240009	11.51	2 1-	2 ACSR 6/1	0	0	416	150	10	1	1	0.00	10.07	0
11240006	11240010	11.60	1 1-	2 ACSR 6/1	0	0	412	150	2	0	0	0.00	10.07	0
11240007	11240006	11.76	1 1-	2 ACSR 6/1	0	0	405	149	2	0	0	0.00	10.07	0
11-24-P014-B	11240007	11.76	1 1-	Closed	0	0	405	149	2	0	0	0.00	10.07	0
11-24-P014-A	11-24-P014-B	11.76	1 1-	Closed	0	0	405	149	2	0	0	0.00	10.07	0
11240008	11-24-P014-A	12.48	1 1-	2 ACSR 6/1	0	0	375	145	2	0	0	0.00	10.07	0
11240011	11240008	12.55	1 1-	2 ACSR 6/1	0	0	373	145	2	0	0	0.00	10.07	0
11130037	11130025	11.12	2 1-	2 ACSR 6/1	0	0	435	153	6	0	0	0.00	10.01	0
11130030	11130029	10.91	1 1-	2 ACSR 6/1	0	0	446	154	7	1	1	0.00	9.93	0
11130034	11130024	10.66	1 1-	2 ACSR 6/1	0	0	458	155	2	0	0	0.00	9.93	0
11120044	11120017	9.90	4 1-	2 ACSR 6/1	0	0	494	158	23	3	2	0.01	10.59	0
11120045	11120044	9.95	3 1-	2 ACSR 6/1	0	0	491	158	15	2	1	0.00	10.59	0
11120028	11120045	9.99	1 1-	2 ACSR 6/1	0	0	488	158	0	0	0	0.00	10.59	0
11120041	11120018	9.45	1 1-	2 ACSR 6/1	0	0	520	160	7	0	1	0.00	10.41	0
11120033	11220021	8.63	2 1-	2 ACSR 6/1	0	0	574	164	10	1	1	0.00	7.83	0
11120026	11220021	8.70	3 1-	2 ACSR 6/1	0	0	568	164	12	1	1	0.01	9.64	0
10190006	11120026	8.76	2 1-	2 ACSR 6/1	0	0	563	163	10	1	1	0.00	9.64	0
11220014	10290012	8.20	27 1-	2 ACSR 6/1	0	0	607	166	122	16	9	0.01	7.59	0
D11-22-P058	11220014	8.20	27 1-	RBC-35-H	0	0	607	166	122	16	47	0.00	7.59	0
11220039	D11-22-P058	8.42	27 1-	2 ACSR 6/1	0	0	587	165	122	16	9	0.10	7.70	10
10290053	11220039	8.53	1 1-	2 ACSR 6/1	0	0	577	164	11	1	1	0.00	7.70	0
10290054	11220039	8.54	26 1-	2 ACSR 6/1	0	0	577	164	111	14	8	0.05	7.74	4
10290044	10290054	8.58	26 1-	2 ACSR 6/1	0	0	573	164	111	14	8	0.02	7.76	2
10290045	10290044	8.62	25 1-	2 ACSR 6/1	0	0	570	163	106	14	8	0.02	7.78	2
10290046	10290045	8.65	24 1-	2 ACSR 6/1	0	0	567	163	105	14	8	0.01	7.79	0
10290042	10290046	8.72	22 1-	2 ACSR 6/1	0	0	561	163	92	12	7	0.02	7.81	2
10290043	10290042	8.77	20 1-	2 ACSR 6/1	0	0	557	162	83	11	6	0.02	7.83	0
10290041	10290043	8.81	14 1-	2 ACSR 6/1	0	0	553	162	68	9	5	0.01	7.84	0
10290020	10290041	8.88	12 1-	2 ACSR 6/1	0	0	548	162	61	8	5	0.01	7.85	0
10290024	10290020	8.93	10 1-	2 ACSR 6/1	0	0	544	161	58	7	4	0.01	7.86	0
10290026	10290024	8.99	9 1-	2 ACSR 6/1	0	0	539	161	55	7	4	0.01	7.88	0
10290022	10290026	9.09	6 1-	2 ACSR 6/1	0	0	532	160	32	4	2	0.01	7.89	0
10290027	10290022	9.18	5 1-	2 ACSR 6/1	0	0	525	160	27	3	2	0.01	7.90	0
10290033	10290027	9.22	4 1-	2 ACSR 6/1	0	0	522	160	24	3	2	0.00	7.90	0
10290031	10290033	9.33	3 1-	2 ACSR 6/1	0	0	514	159	13	1	1	0.01	7.90	0
10290055	10290031	9.37	2 1-	2 ACSR 6/1	0	0	511	159	10	1	1	0.00	7.90	0
10290056	10290055	9.59	1 1-	2 ACSR 6/1	0	0	497	157	8	1	1	0.00	7.91	0
10290028	10290031	9.40	1 1-	2 ACSR 6/1	0	0	509	158	3	0	0	0.00	7.90	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10290032	10290027	9.47	1 1-	2 ACSR 6/1	0	0	504	158	3	0	0	0.00	7.90	0
10290021	10290026	9.04	2 1-	2 ACSR 6/1	0	0	535	161	19	2	1	0.00	7.88	0
10290025	10290021	9.12	1 1-	2 ACSR 6/1	0	0	529	160	11	1	1	0.00	7.88	0
10290023	10290020	8.94	1 1-	2 ACSR 6/1	0	0	543	161	2	0	0	0.00	7.85	0
10290048	10290014	7.94	1 1-	2 ACSR 6/1	0	0	628	167	13	1	1	0.00	9.37	0
10290015	10290014	7.98	0 1-	2 ACSR 6/1	0	0	624	167	0	0	0	0.00	8.60	0
10390027	10390052	7.19	2 1-	2 ACSR 6/1	0	0	700	171	8	1	1	0.00	7.61	0
10390024	10390052	7.16	4 1-	2 ACSR 6/1	0	0	703	171	16	2	1	0.00	6.33	0
10390025	10390024	7.20	4 1-	2 ACSR 6/1	0	0	698	171	16	2	1	0.00	6.33	0
10390026	10390025	7.26	1 1-	2 ACSR 6/1	0	0	691	171	6	0	0	0.00	6.33	0
10390021	10390025	7.29	2 1-	2 ACSR 6/1	0	0	688	170	3	0	0	0.00	6.33	0
D10-39-P019	10390021	7.29	0 1-	FUS	0	0	688	170	0	0	0	0.00	6.33	0
10390055	D10-39-P019	7.83	0 1-	2 ACSR 6/1	0	0	627	167	0	0	0	0.00	6.33	0
10390039	10390052	7.18	0 1-	2 ACSR 6/1	0	0	701	171	0	0	0	0.00	7.61	0
10390049	10390048	7.08	6 1-	2 ACSR 6/1	0	0	713	172	30	4	2	0.00	6.23	0
10390046	10390049	7.13	6 1-	2 ACSR 6/1	0	0	706	171	30	4	2	0.00	6.24	0
10390051	10390046	7.17	1 1-	2 ACSR 6/1	0	0	701	171	8	1	1	0.00	6.24	0
10390037	10390046	7.19	2 1-	2 ACSR 6/1	0	0	699	171	2	0	0	0.00	6.24	0
10390038	10390037	7.23	0 1-	2 ACSR 6/1	0	0	693	171	0	0	0	0.00	6.24	0
10390047	10390046	7.16	2 1-	2 ACSR 6/1	0	0	702	171	12	1	1	0.00	6.24	0
10390044	10390047	7.25	1 1-	2 ACSR 6/1	0	0	691	170	12	1	1	0.00	6.24	0
10390050	10390054	6.97	1 1-	2 ACSR 6/1	0	0	725	172	7	0	0	0.00	6.08	0
10390042	10390041	6.86	0 1-	2 ACSR 6/1	0	0	735	173	0	0	0	0.00	7.09	0
10390040	10490026	6.65	2 1-	2 ACSR 6/1	0	0	763	174	11	1	1	0.00	6.91	0
10490118	10490081	6.08	1 1-	2 ACSR 6/1	0	0	841	177	8	1	1	0.00	6.12	0
10490080	10490138	6.70	0 1-	2 ACSR 6/1	0	0	740	172	0	0	0	0.00	6.04	0
10490090	10490106	5.87	1 1-	2 ACSR 6/1	0	0	873	178	2	0	0	0.00	5.84	0
10490105	10490104	5.80	2 1-	2 ACSR 6/1	0	0	885	178	5	0	0	0.00	7.32	0
10490048	10490101	5.71	8 3-	1/0 ACSR 6/1	1277	1154	902	179	23	0	0	0.00	5.87	0
10490055	10490048	5.76	5 3-	1/0 ACSR 6/1	1265	1143	894	179	18	0	0	0.00	5.87	0
10490056	10490055	5.78	3 1-	2 ACSR 6/1	0	0	888	178	13	1	1	0.00	4.75	0
10490057	10490056	5.84	0 1-	2 ACSR 6/1	0	0	878	178	0	0	0	0.00	4.75	0
10490054	10490055	5.82	0 3-	1/0 ACSR 6/1	1251	1130	884	178	0	0	0	0.00	5.87	0
10-49-P142-A	10490054	5.82	0 3-	Open	1251	1130	884	178	0	0	0	0.00	5.87	0
10490046	10490048	5.75	1 1-	2 ACSR 6/1	0	0	894	178	2	0	0	0.00	7.23	0
10490099	10490100	5.64	7 1-	2 ACSR 6/1	0	0	912	179	13	1	1	0.00	7.13	0
10490098	10490099	5.76	1 1-	2 ACSR 6/1	0	0	889	178	2	0	0	0.00	7.13	0
10490077	10490062	5.30	68 3-	2 ACSR 6/1	1377	1249	974	181	258	11	6	0.00	5.33	9
D10-49-P083A	10490077	5.30	17 1-	FUS	0	0	974	181	59	7	177	0.00	5.04	0
10490133	D10-49-P083A	5.37	17 1-	2 ACSR 6/1	0	0	960	180	59	7	4	0.01	5.06	0
10490089	10490133	5.43	15 1-	2 ACSR 6/1	0	0	947	180	57	7	4	0.01	5.07	0
10490084	10490089	5.47	10 1-	2 ACSR 6/1	0	0	937	179	50	6	4	0.01	5.08	0
10490086	10490084	5.58	3 1-	2 ACSR 6/1	0	0	913	179	18	2	1	0.01	5.08	0
10490145	10490086	5.65	1 1-	2 ACSR 6/1	0	0	899	178	13	1	1	0.00	5.08	0
10490085	10490084	5.51	4 1-	2 ACSR 6/1	0	0	927	179	24	3	2	0.00	5.08	0
10490079	10490085	5.57	3 1-	2 ACSR 6/1	0	0	916	179	20	2	1	0.00	5.08	0
10490027	10490079	5.64	2 1-	2 ACSR 6/1	0	0	901	178	13	1	1	0.00	5.08	0
D10-49-P083	10490077	5.30	6 1-	FUS	0	0	974	181	11	1	33	0.00	4.31	0
10490132	D10-49-P083	5.37	6 1-	2 ACSR 6/1	0	0	958	180	11	1	1	0.00	4.31	0
10490087	10490132	5.47	3 1-	2 ACSR 6/1	0	0	937	179	2	0	0	0.00	4.31	0
10490088	10490087	5.51	1 1-	2 ACSR 6/1	0	0	928	179	0	0	0	0.00	4.31	0
10490078	10490077	5.34	40 3-	2 ACSR 6/1	1365	1237	966	180	174	7	4	-0.01	5.34	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10490144	10490078	5.39	3 1-	2 ACSR 6/1	0	0	955	180	11	1	1	0.00	6.66	0
10490083	10490078	5.39	1 1-	2 ACSR 6/1	0	0	955	180	6	0	0	0.00	6.66	0
10490025	10490078	5.37	36 1-	2 ACSR 6/1	0	0	960	180	157	20	11	0.02	4.34	2
D10-49-P235	10490025	5.37	36 1-	RCC-35-H	0	0	960	180	157	20	58	0.00	4.34	0
10490028	D10-49-P235	5.41	36 1-	2 ACSR 6/1	0	0	951	180	157	20	11	0.02	4.36	3
10490061	10490028	5.44	0 1-	2 ACSR 6/1	0	0	944	180	0	0	0	0.00	4.36	0
10490143	10490028	5.47	1 1-	2 ACSR 6/1	0	0	937	179	4	0	0	0.00	4.36	0
10490068	10490028	5.47	34 1-	2 ACSR 6/1	0	0	938	179	152	19	11	0.03	4.40	4
10490069	10490068	5.52	30 1-	2 ACSR 6/1	0	0	926	179	148	19	11	0.03	4.43	3
10490071	10490069	5.57	29 1-	2 ACSR 6/1	0	0	916	179	140	18	10	0.02	4.45	3
10490072	10490071	5.61	28 1-	2 ACSR 6/1	0	0	908	178	135	17	10	0.02	4.47	2
10490075	10490072	5.67	27 1-	2 ACSR 6/1	0	0	894	178	131	17	10	0.03	4.50	4
10490076	10490075	5.74	7 1-	2 ACSR 6/1	0	0	881	177	32	4	2	0.01	4.51	0
10490073	10490076	5.78	4 1-	2 ACSR 6/1	0	0	873	177	14	1	1	0.00	4.51	0
10490070	10490073	5.83	1 1-	2 ACSR 6/1	0	0	863	177	0	0	0	0.00	4.51	0
10490063	10490075	5.73	5 1-	2 ACSR 6/1	0	0	882	177	25	3	2	0.00	4.51	0
10490074	10490063	5.77	3 1-	2 ACSR 6/1	0	0	875	177	12	1	1	0.00	4.51	0
10490064	10490075	5.80	12 1-	2 ACSR 6/1	0	0	869	177	70	9	5	0.03	4.53	2
10480065	10490064	5.85	1 1-	2 ACSR 6/1	0	0	860	177	7	0	1	0.00	4.53	0
10480041	10490064	5.83	1 1-	2 ACSR 6/1	0	0	864	177	3	0	0	0.00	4.53	0
10480066	10490064	5.89	8 1-	2 ACSR 6/1	0	0	853	176	47	6	3	0.01	4.54	0
10480067	10480066	5.94	6 1-	2 ACSR 6/1	0	0	844	176	36	4	3	0.01	4.55	0
10480080	10480067	5.99	4 1-	2 ACSR 6/1	0	0	834	176	27	3	2	0.00	4.55	0
10480079	10480080	6.02	3 1-	2 ACSR 6/1	0	0	829	175	20	2	1	0.00	4.56	0
10490047	10490053	5.18	0 1-	2 ACSR 6/1	0	0	1000	181	0	0	0	0.00	6.46	0
10590182	10590148	4.90	5 3-	4/0 ACSR 6/1	1490	1358	1060	183	37	1	1	0.00	4.94	0
10490135	10590182	4.92	0 3-	4/0 ACSR 6/1	1485	1353	1056	183	0	0	0	0.00	4.94	0
10-49-P262-A	10490135	4.92	0 3-	Open	1485	1353	1056	183	0	0	0	0.00	4.94	0
10490134	10590182	4.94	5 3-	4/0 ACSR 6/1	1478	1347	1050	183	37	1	1	0.00	4.94	0
10590126	10590032	4.57	9 1-	2 ACSR 6/1	0	0	1127	184	46	6	3	0.00	4.48	0
10590188	10590126	4.62	1 1-	2 ACSR 6/1	0	0	1112	183	6	0	0	0.00	4.48	0
10590125	10590126	4.65	5 1-	2 ACSR 6/1	0	0	1104	183	23	2	2	0.00	4.48	0
10590084	10590083	4.38	1 1-	2 ACSR 6/1	0	0	1172	184	3	0	0	0.00	3.37	0
10590197	10590083	4.36	3 1-	2 ACSR 6/1	0	0	1180	185	14	1	1	0.00	4.29	0
10590198	10590197	4.40	1 1-	2 ACSR 6/1	0	0	1164	184	3	0	0	0.00	4.29	0
10590123	10590030	4.30	6 1-	2 ACSR 6/1	0	0	1194	185	48	6	3	0.00	4.23	0
10590120	10590123	4.37	5 1-	2 ACSR 6/1	0	0	1169	184	40	5	3	0.01	4.24	0
10590121	10590120	4.40	4 1-	2 ACSR 6/1	0	0	1158	184	30	3	2	0.00	4.25	0
10590128	10590121	4.44	2 1-	2 ACSR 6/1	0	0	1148	184	16	2	1	0.00	4.25	0
10590122	10590121	4.44	1 1-	2 ACSR 6/1	0	0	1146	184	8	1	1	0.00	4.25	0
10590134	10590112	4.20	1 1-	2 ACSR 6/1	0	0	1214	185	7	0	1	0.00	3.17	0
10590111	10590110	4.21	2 1-	2 ACSR 6/1	0	0	1204	184	4	0	0	0.00	4.02	0
10590118	10590111	4.27	2 1-	2 ACSR 6/1	0	0	1185	184	4	0	0	0.00	4.02	0
10590035	10590111	4.24	0 1-	2 ACSR 6/1	0	0	1194	184	0	0	0	0.00	4.02	0
10590078	10590077	3.90	12 1-	2 ACSR 6/1	0	0	1303	186	39	5	3	0.00	5.11	0
10590080	10590078	3.94	7 1-	2 ACSR 6/1	0	0	1289	186	31	4	2	0.00	5.12	0
10590208	10590080	3.99	5 1-	2 ACSR 6/1	0	0	1270	185	18	2	1	0.00	5.12	0
10590079	10590078	3.98	4 1-	2 ACSR 6/1	0	0	1272	186	5	0	0	0.00	5.11	0
10590073	10590072	3.69	2 1-	2 ACSR 6/1	0	0	1370	187	5	0	0	0.00	2.69	0
10680112	10680164	3.43	85 3-	336 ACSR 18/1	1984	1829	1472	188	328	14	3	0.01	3.38	1
10680113	10680112	3.47	84 3-	336 ACSR 18/1	1970	1815	1459	188	319	13	3	0.01	3.39	1
10680122	10680113	3.57	83 3-	336 ACSR 18/1	1935	1782	1429	188	313	13	3	0.02	3.39	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10680124	10680122	3.65	1 1-	2 ACSR 6/1	0	0	1392	187	3	0	0	0.00	2.45	0
10680123	10680122	3.65	80 3-	336 ACSR 18/1	1910	1758	1407	187	308	13	3	0.02	3.40	2
D10-68-P007	10680123	3.65	32 1-	FUS	0	0	1407	187	140	18	413	0.00	3.39	0
10680160	D10-68-P007	3.74	32 1-	2 ACSR 6/1	0	0	1363	187	140	18	10	0.05	3.44	5
10680059	10680160	3.81	30 1-	2 ACSR 6/1	0	0	1336	186	133	17	10	0.03	3.47	3
10680060	10680059	3.84	1 1-	2 ACSR 6/1	0	0	1322	186	7	0	1	0.00	3.47	0
10680158	10680060	3.89	1 1-	2 ACSR 6/1	0	0	1302	186	7	0	1	0.00	3.47	0
10680034	10680059	3.87	29 1-	2 ACSR 6/1	0	0	1308	186	126	16	9	0.03	3.50	3
10680063	10680034	3.93	4 1-	2 ACSR 6/1	0	0	1286	185	24	3	2	0.00	3.51	0
10680058	10680063	3.96	2 1-	2 ACSR 6/1	0	0	1274	185	8	1	1	0.00	3.51	0
10680064	10680063	3.96	1 1-	2 ACSR 6/1	0	0	1272	185	12	1	1	0.00	3.51	0
10680030	10680034	3.93	25 1-	2 ACSR 6/1	0	0	1284	185	102	13	7	0.02	3.52	2
10680062	10680030	3.98	2 1-	2 ACSR 6/1	0	0	1265	185	9	1	1	0.00	3.53	0
10680162	10680062	4.01	1 1-	2 ACSR 6/1	0	0	1252	185	5	0	0	0.00	3.53	0
10680061	10680030	4.00	21 1-	2 ACSR 6/1	0	0	1256	185	83	10	6	0.02	3.55	1
10680074	10680061	4.07	19 1-	2 ACSR 6/1	0	0	1231	184	83	10	6	0.02	3.57	1
10680075	10680074	4.13	4 1-	2 ACSR 6/1	0	0	1210	184	16	2	1	0.00	3.57	0
10680163	10680075	4.16	1 1-	2 ACSR 6/1	0	0	1200	183	4	0	0	0.00	3.57	0
10680076	10680075	4.16	1 1-	2 ACSR 6/1	0	0	1198	183	4	0	0	0.00	3.57	0
10680065	10680074	4.11	14 1-	2 ACSR 6/1	0	0	1216	184	64	8	5	0.01	3.57	0
10680066	10680065	4.15	13 1-	2 ACSR 6/1	0	0	1201	183	63	8	5	0.01	3.58	0
10680067	10680066	4.17	10 1-	2 ACSR 6/1	0	0	1193	183	43	5	3	0.00	3.59	0
10680068	10680067	4.22	4 1-	2 ACSR 6/1	0	0	1175	183	18	2	1	0.00	3.59	0
10680161	10680068	4.26	2 1-	2 ACSR 6/1	0	0	1164	183	7	0	1	0.00	3.59	0
10680033	10680067	4.20	6 1-	2 ACSR 6/1	0	0	1183	183	26	3	2	0.00	3.59	0
10680077	10680033	4.24	3 1-	2 ACSR 6/1	0	0	1171	183	16	2	1	0.00	3.59	0
10680078	10680077	4.30	2 1-	2 ACSR 6/1	0	0	1149	182	12	1	1	0.00	3.59	0
10680079	10680078	4.35	1 1-	2 ACSR 6/1	0	0	1135	182	3	0	0	0.00	3.59	0
10680069	10680033	4.23	3 1-	2 ACSR 6/1	0	0	1174	183	9	1	1	0.00	3.59	0
10680070	10680069	4.26	1 1-	2 ACSR 6/1	0	0	1162	183	3	0	0	0.00	3.59	0
10680080	10680070	4.43	0 1-	2 ACSR 6/1	0	0	1108	181	0	0	0	0.00	3.59	0
10680057	10680030	3.97	2 1-	2 ACSR 6/1	0	0	1270	185	10	1	1	0.00	3.52	0
10680117	10680123	3.69	48 3-	336 ACSR 18/1	1896	1744	1395	187	168	7	1	0.00	3.40	0
10680119	10680117	3.75	46 3-	336 ACSR 18/1	1878	1727	1379	187	159	6	1	0.00	3.40	0
D10-68-P008	10680119	3.75	9 1-	FUS	0	0	1379	187	30	3	89	0.00	3.40	0
10680155	D10-68-P008	3.82	9 1-	2 ACSR 6/1	0	0	1348	187	30	3	2	0.01	3.41	0
10680167	10680155	3.86	8 1-	2 ACSR 6/1	0	0	1331	186	26	3	2	0.00	3.41	0
10680133	10680167	4.27	7 1-	2 ACSR 6/1	0	0	1175	183	19	2	1	0.03	3.43	0
10690053	10680133	4.31	6 1-	2 ACSR 6/1	0	0	1162	183	15	1	1	0.00	3.44	0
10680116	10680119	3.83	29 3-	336 ACSR 18/1	1853	1703	1357	187	106	4	1	0.00	3.41	0
10680071	10680116	3.91	24 3-	336 ACSR 18/1	1828	1679	1336	187	96	4	1	0.00	3.41	0
10680072	10680071	3.96	21 3-	336 ACSR 18/1	1812	1663	1322	187	88	3	1	0.00	3.41	0
10680085	10680072	4.00	15 3-	336 ACSR 18/1	1801	1652	1312	187	62	2	1	0.00	3.41	0
10680156	10680085	4.05	0 3-	1/0 ACSR 6/1	1777	1629	1294	186	0	0	0	0.00	3.41	0
10-68-P069-A	10680156	4.05	0 3-	Open	1777	1629	1294	186	0	0	0	0.00	3.41	0
10680084	10680085	4.02	14 3-	336 ACSR 18/1	1796	1648	1308	187	61	2	0	0.00	3.41	0
10680081	10680084	4.06	10 3-	336 ACSR 18/1	1784	1636	1298	186	44	1	0	0.00	3.41	0
10680095	10680081	4.09	6 3-	336 ACSR 18/1	1774	1627	1289	186	26	1	0	0.00	3.41	0
10680127	10680095	4.13	1 3-	336 ACSR 18/1	1765	1619	1282	186	10	0	0	0.00	3.41	0
10680146	10680127	4.13	0 3-	336 ACSR 18/1	1764	1617	1281	186	0	0	0	0.00	3.41	0
10-68-P033-A	10680146	4.13	0 3-	Open	1764	1617	1281	186	0	0	0	0.00	3.41	0
10680129	10680127	4.15	1 1-	2 ACSR 6/1	0	0	1274	186	10	1	1	0.00	3.40	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10680130	10680095	4.13	4 1-	2 ACSR 6/1	0	0	1275	186	12	1	1	0.00	2.46	0
10680096	10680081	4.07	3 1-	2 ACSR 6/1	0	0	1293	186	16	2	1	0.00	4.37	0
10680097	10680096	4.10	2 1-	2 ACSR 6/1	0	0	1280	186	9	1	1	0.00	4.37	0
10680098	10680097	4.16	1 1-	2 ACSR 6/1	0	0	1257	186	4	0	0	0.00	4.37	0
10680073	10680072	3.99	1 1-	2 ACSR 6/1	0	0	1310	186	4	0	0	0.00	2.46	0
10680118	10680119	3.81	4 1-	2 ACSR 6/1	0	0	1353	187	18	2	1	0.00	3.40	0
10680056	10680118	3.86	2 1-	2 ACSR 6/1	0	0	1332	186	8	1	1	0.00	3.40	0
10680121	10680113	3.57	1 1-	2 ACSR 6/1	0	0	1413	187	6	0	0	0.00	2.44	0
10580060	10580059	3.28	4 1-	2 ACSR 6/1	0	0	1505	188	28	3	2	0.01	2.30	0
10580061	10580060	3.34	2 1-	2 ACSR 6/1	0	0	1471	187	17	2	1	0.00	2.30	0
10580038	10580037	2.89	1 1-	2 ACSR 6/1	0	0	1649	189	12	1	1	0.00	2.85	0
10580036	10580035	2.76	4 1-	2 ACSR 6/1	0	0	1698	189	21	2	2	0.01	3.67	0
10580027	10580036	2.81	1 1-	2 ACSR 6/1	0	0	1665	189	0	0	0	0.00	3.67	0
10580029	10580036	2.82	2 1-	2 ACSR 6/1	0	0	1656	189	13	1	1	0.00	3.67	0
10580028	10580036	2.81	1 1-	2 ACSR 6/1	0	0	1662	189	8	1	1	0.00	3.67	0
10580033	10580069	2.58	2 1-	2 ACSR 6/1	0	0	1783	190	5	0	0	0.00	2.57	0
10580017	10580069	2.58	1 1-	2 ACSR 6/1	0	0	1783	190	4	0	0	0.00	1.79	0
10580067	10580068	2.55	1 1-	2 ACSR 6/1	0	0	1799	190	11	1	1	0.00	1.76	0
10580020	10580019	2.40	6 1-	2 ACSR 6/1	0	0	1872	190	25	3	2	0.00	1.65	0
10580021	10580020	2.43	3 1-	2 ACSR 6/1	0	0	1848	190	16	2	1	0.00	1.65	0
10580026	10580020	2.46	1 1-	2 ACSR 6/1	0	0	1826	190	7	0	0	0.00	1.65	0
10580014	10580032	2.30	10 1-	2 ACSR 6/1	0	0	1934	191	48	6	3	0.00	3.22	0
10580015	10580014	2.36	9 1-	2 ACSR 6/1	0	0	1883	190	38	4	3	0.01	3.22	0
10580016	10580015	2.44	6 1-	2 ACSR 6/1	0	0	1813	189	26	3	2	0.00	3.23	0
10580030	10580041	2.25	1 1-	2 ACSR 6/1	0	0	1947	190	4	0	0	0.00	2.26	0
10580040	10580051	2.14	3 1-	2 ACSR 6/1	0	0	2012	191	16	2	1	0.00	2.17	0
10580039	10580040	2.23	2 1-	2 ACSR 6/1	0	0	1930	190	8	0	1	0.00	2.17	0
10570073	10570072	1.74	1 1-	2 ACSR 6/1	0	0	2270	192	9	1	1	0.00	1.15	0
10560088	10560095	0.10	2 3-	336 ACSR 18/1	4765	4833	4925	196	17	0	0	0.00	0.07	0
CKT	2 total losses:	\$22,227												

SUB 21, CKT 3

BK2103	EMMANUEL(21)	0.00	534 3-	BK2103	4961	5073	5272	196	2910	122	61	0.00	0.00	0
10560098	BK2103	0.37	534 3-	336 ACSR 18/1	4294	4271	4160	195	2910	122	23	0.23	0.27	499
10560078	10560098	0.48	534 3-	336 ACSR 18/1	4128	4078	3912	195	2905	122	23	0.07	0.34	148
10570062	10560078	0.54	534 3-	336 ACSR 18/1	4042	3959	3787	195	2904	122	23	0.04	0.39	82
10570063	10570062	0.63	534 3-	336 ACSR 18/1	3906	3825	3597	194	2903	122	23	0.06	0.46	135
10570093	10570063	0.73	534 3-	1/0 ACSR 6/1	3728	3629	3372	194	2902	122	53	0.17	0.65	419
10570094	10570093	0.83	534 3-	1/0 ACSR 6/1	3554	3439	3162	193	2898	122	53	0.17	0.84	437
10570067	10570094	1.15	534 3-	1/0 ACSR 6/1	3078	2929	2625	192	2894	122	53	0.55	1.46	1389
10470074	10570067	1.29	534 3-	1/0 ACSR 6/1	2906	2748	2445	191	2881	122	53	0.23	1.73	591
D10-47-P030	10470074	1.29	8 1-	FUS	0	0	2445	191	35	4	103	0.00	2.02	0
10460017	D10-47-P030	1.49	8 1-	2 ACSR 6/1	0	0	2182	189	35	4	3	0.03	2.05	0
10460010	10460017	1.63	8 1-	2 ACSR 6/1	0	0	2024	188	35	4	3	0.02	2.07	0
10460011	10460010	1.74	7 1-	2 ACSR 6/1	0	0	1918	187	32	4	2	0.01	2.08	0
10460012	10460011	1.80	6 1-	2 ACSR 6/1	0	0	1857	187	28	3	2	0.01	2.08	0
10460013	10460012	1.87	4 1-	2 ACSR 6/1	0	0	1803	186	17	2	1	0.00	2.09	0
10460014	10460013	1.93	4 1-	2 ACSR 6/1	0	0	1753	186	17	2	1	0.00	2.09	0
10460015	10460014	2.05	2 1-	2 ACSR 6/1	0	0	1660	185	7	0	1	0.00	2.09	0
10470075	10470074	1.37	526 3-	1/0 ACSR 6/1	2807	2646	2344	190	2840	121	53	0.14	1.89	358
10470071	10470075	1.43	2 3-	1/0 ACSR 6/1	2741	2578	2277	190	14	0	0	0.00	1.89	0
10470072	10470071	1.49	1 3-	1/0 ACSR 6/1	2675	2510	2211	190	8	0	0	0.00	1.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10470070	10470075	1.41	524 3-	1/0 ACSR 6/1	2767	2604	2303	190	2823	120	52	0.06	1.96	152
10470038	10470070	1.55	523 3-	1/0 ACSR 6/1	2614	2447	2151	189	2813	120	52	0.24	2.24	605
10470073	10470038	1.61	1 1-	2 ACSR 6/1	0	0	2092	189	12	1	0.00	2.14	0	
10470064	10470038	1.65	520 3-	1/0 ACSR 6/1	2523	2355	2063	189	2765	118	52	0.16	2.41	380
10470065	10470064	1.71	1 1-	2 ACSR 6/1	0	0	2004	188	10	1	0.00	2.31	0	
10470063	10470064	1.83	518 3-	1/0 ACSR 6/1	2359	2189	1907	188	2746	117	51	0.32	2.76	743
10470066	10470063	1.93	29 1-	2 ACSR 6/1	0	0	1825	187	151	19	11	0.05	3.23	6
10470068	10470066	2.02	3 1-	2 ACSR 6/1	0	0	1750	186	25	3	2	0.01	3.24	0
10470069	10470068	2.07	2 1-	2 ACSR 6/1	0	0	1708	186	16	2	1	0.00	3.24	0
10470067	10470066	1.97	26 1-	2 ACSR 6/1	0	0	1793	187	126	16	9	0.02	3.25	2
D10-47-P070	10470067	1.97	26 1-	RBC-35-H	0	0	1793	187	126	16	47	0.00	3.25	0
10470081	D10-47-P070	1.99	26 1-	2 ACSR 6/1	0	0	1770	187	126	16	9	0.01	3.26	1
10470082	10470081	2.03	24 1-	2 ACSR 6/1	0	0	1743	186	108	13	8	0.01	3.27	1
10470085	10470082	2.06	19 1-	2 ACSR 6/1	0	0	1719	186	73	9	5	0.01	3.28	0
10470086	10470085	2.14	18 1-	2 ACSR 6/1	0	0	1663	186	65	8	5	0.02	3.30	0
10470087	10470086	2.19	17 1-	2 ACSR 6/1	0	0	1626	185	54	7	4	0.01	3.31	0
10470076	10470087	2.24	16 1-	2 ACSR 6/1	0	0	1592	185	51	6	4	0.01	3.32	0
10470090	10470076	2.28	8 1-	2 ACSR 6/1	0	0	1563	184	34	4	2	0.00	3.32	0
10470091	10470090	2.37	5 1-	2 ACSR 6/1	0	0	1511	184	18	2	1	0.01	3.33	0
10470079	10470091	2.63	4 1-	2 ACSR 6/1	0	0	1368	182	15	1	1	0.01	3.34	0
10470080	10470079	2.67	4 1-	2 ACSR 6/1	0	0	1345	181	15	1	1	0.00	3.34	0
10470092	10470080	2.72	3 1-	2 ACSR 6/1	0	0	1322	181	8	1	1	0.00	3.34	0
10470096	10470092	2.78	1 1-	2 ACSR 6/1	0	0	1297	181	0	0	0	0.00	3.34	0
10470078	10470091	2.47	1 1-	2 ACSR 6/1	0	0	1453	183	3	0	0	0.00	3.33	0
10470037	10470076	2.28	8 1-	2 ACSR 6/1	0	0	1565	184	17	2	1	0.00	3.32	0
10470089	10470037	2.33	2 1-	2 ACSR 6/1	0	0	1532	184	9	1	1	0.00	3.32	0
10470077	10470037	2.30	6 1-	2 ACSR 6/1	0	0	1550	184	8	1	1	0.00	3.32	0
10470088	10470077	2.33	2 1-	2 ACSR 6/1	0	0	1533	184	6	0	0	0.00	3.32	0
10470036	10470082	2.08	5 1-	2 ACSR 6/1	0	0	1702	186	35	4	2	0.01	3.28	0
10470084	10470036	2.12	4 1-	2 ACSR 6/1	0	0	1672	186	30	3	2	0.00	3.28	0
10470093	10470084	2.21	3 1-	1/0 ACSR 6/1	0	0	1618	185	19	2	1	0.00	3.29	0
10470094	10470093	2.24	3 1-	1/0 ACSR 6/1	0	0	1605	185	19	2	1	0.00	3.29	0
10470095	10470094	2.27	1 1-	1/0 ACSR 6/1	0	0	1585	185	4	0	0	0.00	3.29	0
10470083	10470036	2.12	1 1-	2 ACSR 6/1	0	0	1671	186	5	0	0	0.00	3.28	0
10470039	10470063	2.02	489 3-	1/0 ACSR 6/1	2217	2048	1775	187	2588	111	48	0.30	3.07	645
10470040	10470039	2.12	489 3-	1/0 ACSR 6/1	2142	1973	1707	186	2582	111	48	0.17	3.26	374
10370013	10470040	2.21	489 3-	1/0 ACSR 6/1	2080	1912	1651	186	2578	111	48	0.15	3.42	325
D10-37-P038	10370013	2.21	19 1-	FUS-80	0	0	1651	186	93	12	17	0.00	3.82	0
10370016	D10-37-P038	2.48	19 1-	2 ACSR 6/1	0	0	1483	184	93	12	7	0.09	3.92	7
10360038	10370016	2.58	18 1-	2 ACSR 6/1	0	0	1425	183	84	10	6	0.03	3.95	2
10360040	10360038	2.69	17 1-	2 ACSR 6/1	0	0	1370	182	75	9	5	0.03	3.97	2
10360042	10360040	2.84	16 1-	2 ACSR 6/1	0	0	1296	181	73	9	5	0.04	4.01	2
10360050	10360042	2.99	13 1-	2 ACSR 6/1	0	0	1233	180	56	7	4	0.03	4.04	1
10360053	10360050	3.03	2 1-	2 ACSR 6/1	0	0	1217	180	9	1	1	0.00	4.04	0
10360054	10360053	3.07	1 1-	2 ACSR 6/1	0	0	1203	179	1	0	0	0.00	4.04	0
10360051	10360050	3.07	9 1-	2 ACSR 6/1	0	0	1201	179	35	4	3	0.01	4.05	0
10360030	10360051	3.26	8 1-	2 ACSR 6/1	0	0	1134	178	31	3	2	0.02	4.07	0
10360025	10360030	3.39	5 1-	2 ACSR 6/1	0	0	1089	177	15	1	1	0.01	4.08	0
10360027	10360025	3.47	1 1-	2 ACSR 6/1	0	0	1064	176	1	0	0	0.00	4.08	0
10360026	10360025	3.43	3 1-	2 ACSR 6/1	0	0	1076	177	12	1	1	0.00	4.08	0
10360032	10360030	3.31	2 1-	2 ACSR 6/1	0	0	1114	178	11	1	1	0.00	4.07	0
10360024	10360032	3.38	1 1-	2 ACSR 6/1	0	0	1093	177	2	0	0	0.00	4.08	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10360031	10360030	3.31	1 1-	2 ACSR 6/1	0	0	1115	178	5	0	0	0.00	4.07	0
10360052	10360050	3.03	2 1-	2 ACSR 6/1	0	0	1218	180	11	1	1	0.00	4.04	0
10360057	10360052	3.08	1 1-	2 ACSR 6/1	0	0	1197	179	0	0	0	0.00	4.04	0
10360056	10360052	3.07	1 1-	2 ACSR 6/1	0	0	1203	179	11	1	1	0.00	4.05	0
10360041	10360042	2.91	1 1-	2 ACSR 6/1	0	0	1269	181	2	0	0	0.00	4.01	0
10360039	10360038	2.71	0 1-	2 ACSR 6/1	0	0	1361	182	0	0	0	0.00	3.95	0
10360037	10370016	2.65	0 1-	2 ACSR 6/1	0	0	1389	183	0	0	0	0.00	3.92	0
10360036	10370016	2.54	1 1-	2 ACSR 6/1	0	0	1448	183	9	1	1	0.00	3.92	0
10370014	10370013	2.38	470 3-	1/0 ACSR 6/1	1974	1808	1557	185	2482	107	47	0.27	3.71	566
D10-37-P019	10370014	2.38	2 1-	FUS	0	0	1557	185	6	0	17	0.00	3.69	0
10370017	D10-37-P019	2.48	2 1-	2 ACSR 6/1	0	0	1499	184	6	0	0	0.00	3.69	0
D10-37-P019A	10370014	2.38	24 1-	FUS	0	0	1557	185	131	17	388	0.00	3.69	0
10370022	D10-37-P019A	2.44	24 1-	2 ACSR 6/1	0	0	1520	185	131	17	9	0.03	3.71	3
10370023	10370022	2.50	20 1-	2 ACSR 6/1	0	0	1489	184	117	15	8	0.02	3.74	2
10370028	10370023	2.52	19 1-	2 ACSR 6/1	0	0	1472	184	108	14	8	0.01	3.75	0
10370027	10370028	2.63	18 1-	2 ACSR 6/1	0	0	1417	183	104	13	7	0.04	3.78	3
10370019	10370027	2.66	17 1-	2 ACSR 6/1	0	0	1397	183	100	12	7	0.01	3.80	1
10370026	10370019	2.72	13 1-	2 ACSR 6/1	0	0	1368	182	67	8	5	0.01	3.81	0
10370057	10370026	2.74	11 1-	15 KV 2 URD XLP	0	0	1360	426	63	8	5	0.01	3.82	0
10370058	10370057	2.83	10 1-	15 KV 2 URD XLP	0	0	1317	420	52	6	4	0.02	3.84	0
D10-37-P034	10370058	2.83	9 1-	FUS	0	0	1317	420	49	6	146	0.00	3.84	0
10370060	D10-37-P034	2.88	9 1-	2 ACSR 6/1	0	0	1296	181	49	6	4	0.01	3.85	0
10370061	10370060	2.96	8 1-	2 ACSR 6/1	0	0	1258	180	42	5	3	0.01	3.86	0
10370062	10370061	3.03	6 1-	2 ACSR 6/1	0	0	1230	180	30	3	2	0.01	3.87	0
10370049	10370062	3.12	5 1-	2 ACSR 6/1	0	0	1197	179	27	3	2	0.01	3.88	0
10370064	10370049	3.19	4 1-	2 ACSR 6/1	0	0	1170	179	19	2	1	0.00	3.88	0
10370066	10370064	3.23	2 1-	2 ACSR 6/1	0	0	1155	178	14	1	1	0.00	3.88	0
10370068	10370066	3.27	0 1-	2 ACSR 6/1	0	0	1140	178	0	0	0	0.00	3.88	0
10370067	10370064	3.32	2 1-	2 ACSR 6/1	0	0	1122	178	5	0	0	0.00	3.88	0
10370076	10370067	3.43	1 1-	2 ACSR 6/1	0	0	1087	177	4	0	0	0.00	3.89	0
10370069	10370049	3.15	1 1-	1/0 ACSR 6/1	0	0	1187	179	8	1	0	0.00	3.88	0
10370063	10370061	2.99	2 1-	2 ACSR 6/1	0	0	1245	180	12	1	1	0.00	3.86	0
10370075	10370063	3.06	1 1-	2 ACSR 6/1	0	0	1220	180	12	1	1	0.00	3.86	0
10370074	10370058	2.92	1 1-	2 ACSR 6/1	0	0	1278	181	3	0	0	0.00	3.84	0
10370059	10370057	2.82	1 1-	2 ACSR 6/1	0	0	1321	182	11	1	1	0.00	3.82	0
10370020	10370019	2.75	4 1-	2 ACSR 6/1	0	0	1355	182	33	4	2	0.01	3.81	0
10370024	10370020	2.84	2 1-	2 ACSR 6/1	0	0	1313	182	23	2	2	0.01	3.81	0
10370025	10370024	2.91	1 1-	2 ACSR 6/1	0	0	1282	181	13	1	1	0.00	3.82	0
10370021	10370020	2.85	1 1-	2 ACSR 6/1	0	0	1309	181	8	1	1	0.00	3.81	0
10370029	10370014	2.54	444 3-	1/0 ACSR 6/1	1885	1722	1479	184	2340	101	44	0.27	3.95	460
10370038	10370029	2.72	439 3-	1/0 ACSR 6/1	1791	1631	1398	183	2311	100	44	0.31	4.24	524
10370056	10370038	2.81	433 3-	1/0 ACSR 6/1	1745	1587	1358	183	2280	99	43	0.17	4.39	270
10360022	10370056	2.85	343 3-	1/0 ACSR 6/1	1730	1573	1346	183	1795	78	34	0.04	4.42	56
10360043	10360022	2.91	1 1-	2 ACSR 6/1	0	0	1316	182	0	0	0	0.00	4.43	0
10360023	10360022	2.95	342 3-	1/0 ACSR 6/1	1685	1529	1307	182	1795	78	34	0.14	4.55	177
D10-37-P001	10360023	2.95	342 3-	REC-100-L	1685	1529	1307	182	1793	78	78	0.00	4.55	0
10370015	D10-37-P001	2.99	342 3-	1/0 ACSR 6/1	1665	1510	1290	182	1793	78	34	0.06	4.60	80
10370030	10370015	3.05	1 1-	2 ACSR 6/1	0	0	1263	181	9	1	1	0.00	4.59	0
10370012	10370015	3.33	341 3-	1/0 ACSR 6/1	1530	1382	1177	180	1783	77	34	0.47	5.02	595
10270039	10370012	3.39	1 1-	2 ACSR 6/1	0	0	1156	180	3	0	0	0.00	4.94	0
10270017	10370012	3.53	340 3-	1/0 ACSR 6/1	1460	1315	1119	179	1775	77	34	0.28	5.26	349
10270027	10270017	3.65	7 1-	2 ACSR 6/1	0	0	1080	178	44	5	3	0.02	5.12	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10270028	10270027	3.77	6 1-	2 ACSR 6/1	0	0	1046	177	38	5	3	0.02	5.13	0
10260056	10270028	3.81	2 1-	2 ACSR 6/1	0	0	1033	177	11	1	1	0.00	5.13	0
10260050	10270028	3.93	4 1-	2 ACSR 6/1	0	0	1000	176	27	3	2	0.01	5.14	0
10260055	10260050	4.01	1 1-	2 ACSR 6/1	0	0	980	176	6	0	0	0.00	5.14	0
10260049	10260055	4.07	0 1-	2 ACSR 6/1	0	0	963	175	0	0	0	0.00	5.14	0
10270016	10270017	3.65	333 3-	1/0 ACSR 6/1	1423	1280	1089	178	1727	75	33	0.14	5.40	188
10270061	10270016	3.76	7 1-	2 ACSR 6/1	0	0	1054	178	47	6	3	0.02	5.26	0
10270063	10270061	3.82	1 1-	2 ACSR 6/1	0	0	1038	177	8	1	1	0.00	5.26	0
10270052	10270063	3.86	0 1-	2 ACSR 6/1	0	0	1025	177	0	0	0	0.00	5.26	0
10270062	10270061	3.82	3 1-	2 ACSR 6/1	0	0	1036	177	23	3	2	0.00	5.26	0
10270060	10270062	4.07	1 1-	2 ACSR 6/1	0	0	968	175	7	0	1	0.00	5.27	0
10270058	10270016	3.74	326 3-	1/0 ACSR 6/1	1395	1254	1066	178	1678	73	32	0.10	5.50	138
10270059	10270058	3.78	324 3-	1/0 ACSR 6/1	1382	1242	1055	178	1662	73	32	0.05	5.55	68
10270057	10270059	3.83	320 3-	1/0 ACSR 6/1	1367	1228	1043	178	1640	72	31	0.05	5.61	71
10270055	10270057	3.89	318 3-	1/0 ACSR 6/1	1348	1210	1028	177	1626	71	31	0.08	5.68	97
10270054	10270055	3.93	3 1-	2 ACSR 6/1	0	0	1019	177	20	2	1	0.00	5.51	0
10270040	10270054	3.95	1 1-	2 ACSR 6/1	0	0	1012	177	7	0	1	0.00	5.51	0
10270053	10270055	3.95	314 3-	1/0 ACSR 6/1	1332	1195	1015	177	1598	70	31	0.07	5.74	81
10270041	10270053	3.98	312 3-	1/0 ACSR 6/1	1323	1187	1008	177	1586	69	30	0.04	5.78	43
10270042	10270041	4.03	308 3-	1/0 ACSR 6/1	1312	1176	998	177	1565	68	30	0.05	5.82	58
10270043	10270042	4.05	306 3-	1/0 ACSR 6/1	1304	1169	992	176	1561	68	30	0.03	5.85	36
10270036	10270043	4.11	304 3-	1/0 ACSR 6/1	1289	1156	980	176	1548	68	30	0.06	5.91	75
10270067	10270036	4.16	149 3-	1/0 ACSR 6/1	1277	1144	970	176	705	31	14	0.00	5.94	21
10-27-P017-B	10270067	4.16	149 3-	Closed	1277	1144	970	176	705	31	0	0.00	5.94	0
10-27-P017-A	10-27-P017-B	4.16	149 3-	Closed	1277	1144	970	176	705	31	0	0.00	5.94	0
10270068	10-27-P017-A	4.29	149 3-	1/0 ACSR 6/1	1244	1113	943	175	705	31	14	0.01	6.00	60
10270037	10270068	4.36	148 3-	1/0 ACSR 6/1	1226	1097	929	175	702	31	13	0.00	6.03	32
10270049	10270037	4.43	2 1-	2 ACSR 6/1	0	0	914	174	5	0	0	0.00	5.78	0
10270050	10270037	4.44	2 1-	2 ACSR 6/1	0	0	911	174	13	1	1	0.00	5.78	0
10270047	10270037	4.43	145 3-	1/0 ACSR 6/1	1211	1083	917	175	683	30	13	0.00	6.06	27
10270048	10270047	4.46	144 3-	1/0 ACSR 6/1	1203	1075	910	174	680	30	13	0.00	6.08	16
10270046	10270048	4.53	2 1-	2 ACSR 6/1	0	0	895	174	7	0	0	0.00	6.67	0
10270038	10270048	4.48	8 1-	2 ACSR 6/1	0	0	906	174	25	3	2	0.00	5.80	0
10270045	10270038	4.53	7 1-	2 ACSR 6/1	0	0	897	174	24	3	2	0.00	5.80	0
10270044	10270045	4.57	3 1-	2 ACSR 6/1	0	0	888	174	12	1	1	0.00	5.80	0
10270029	10270044	4.68	2 1-	2 ACSR 6/1	0	0	864	173	5	0	0	0.00	5.80	0
10270024	10270048	4.53	134 3-	1/0 ACSR 6/1	1188	1061	899	174	649	28	12	0.01	6.11	26
10270025	10270024	4.61	132 3-	1/0 ACSR 6/1	1170	1044	884	174	641	28	12	0.01	6.15	32
10270064	10270025	4.67	130 3-	1/0 ACSR 6/1	1156	1032	874	173	634	28	12	0.01	6.17	23
10280028	10270064	4.81	129 3-	1/0 ACSR 6/1	1128	1006	851	173	633	28	12	0.01	6.23	51
10280027	10280028	4.87	126 3-	1/0 ACSR 6/1	1116	995	842	172	627	27	12	0.00	6.26	21
10280026	10280027	4.89	1 1-	2 ACSR 6/1	0	0	837	172	2	0	0	0.00	5.82	0
10280010	10280027	5.11	125 3-	1/0 ACSR 6/1	1071	953	806	171	625	27	12	0.02	6.36	87
10280012	10280010	5.18	107 3-	1/0 ACSR 6/1	1059	942	796	171	540	24	10	0.01	6.39	22
10280024	10280012	5.23	106 3-	1/0 ACSR 6/1	1050	934	790	171	540	23	10	0.01	6.41	15
10280025	10280024	5.46	105 3-	1/0 ACSR 6/1	1011	898	759	170	538	23	10	0.04	6.49	74
10380031	10280025	5.55	99 3-	1/0 ACSR 6/1	996	885	747	169	520	23	10	0.01	6.52	29
10380037	10380031	5.59	95 3-	1/0 ACSR 6/1	990	878	742	169	489	21	9	0.01	6.54	12
10380038	10380037	5.65	91 3-	1/0 ACSR 6/1	981	871	735	169	467	20	9	0.01	6.56	15
10380033	10380038	5.70	1 1-	2 ACSR 6/1	0	0	727	168	7	0	1	0.00	5.82	0
10380028	10380038	5.77	88 3-	1/0 ACSR 6/1	962	853	720	168	450	20	9	0.01	6.60	33
10380020	10380028	5.90	87 3-	1/0 ACSR 6/1	944	837	706	167	447	19	9	0.01	6.63	32

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10380021	10380020	5.99	86 3-	1/0 ACSR 6/1	931	825	697	167	437	19	8	0.01	6.66	23
10380019	10380021	6.02	0 1-	2 ACSR 6/1	0	0	692	167	0	0	0	0.00	5.95	0
10380014	10380021	6.20	84 3-	1/0 ACSR 6/1	904	800	675	166	425	19	8	0.02	6.72	50
10380029	10380014	6.25	2 1-	2 ACSR 6/1	0	0	669	166	4	0	0	0.00	5.98	0
10380015	10380014	6.30	82 3-	1/0 ACSR 6/1	890	788	665	166	421	18	8	0.01	6.75	26
10380024	10380015	6.33	81 3-	1/0 ACSR 6/1	886	784	662	165	418	18	8	0.00	6.76	8
10380034	10380024	6.41	79 3-	1/0 ACSR 6/1	876	775	654	165	403	18	8	0.01	6.78	17
10480081	10380034	6.44	11 1-	2 ACSR 6/1	0	0	651	165	37	4	3	0.00	5.71	0
10480077	10480081	6.48	7 1-	2 ACSR 6/1	0	0	646	165	19	2	1	0.00	5.71	0
10480078	10480077	6.53	3 1-	2 ACSR 6/1	0	0	641	164	7	0	1	0.00	5.71	0
10480089	10480078	6.58	3 1-	2 ACSR 6/1	0	0	635	164	7	0	1	0.00	5.71	0
10480090	10480089	6.63	1 1-	2 ACSR 6/1	0	0	630	164	1	0	0	0.00	5.71	0
10480034	10380034	6.48	64 3-	1/0 ACSR 6/1	869	768	648	165	348	15	7	0.01	6.80	13
10480033	10480034	6.55	63 3-	1/0 ACSR 6/1	860	761	642	164	340	15	7	0.01	6.81	13
10480035	10480033	6.59	2 1-	2 ACSR 6/1	0	0	637	164	7	0	0	0.00	5.68	0
10480032	10480033	6.64	59 3-	1/0 ACSR 6/1	849	750	633	164	323	14	6	0.01	6.83	17
10480040	10480032	6.69	5 1-	2 ACSR 6/1	0	0	627	164	28	3	2	0.00	5.66	0
10480031	10480040	6.74	1 1-	2 ACSR 6/1	0	0	622	163	7	0	1	0.00	5.66	0
10480024	10480032	6.74	54 3-	1/0 ACSR 6/1	838	740	624	164	295	13	6	0.01	6.85	18
D10-48-P200	10480024	6.74	52 1-	RBC-50-L	0	0	624	164	278	37	75	0.00	8.90	0
10480036	D10-48-P200	6.79	52 1-	2 ACSR 6/1	0	0	619	163	278	37	21	0.05	8.94	11
10480037	10480036	6.86	48 1-	2 ACSR 6/1	0	0	612	163	259	35	20	0.07	9.01	15
10480038	10480037	6.90	3 1-	2 ACSR 6/1	0	0	608	163	11	1	1	0.00	9.01	0
10480030	10480037	6.90	45 1-	2 ACSR 6/1	0	0	608	163	248	33	19	0.04	9.05	8
10480043	10480030	6.93	44 1-	2 ACSR 6/1	0	0	604	162	238	32	18	0.03	9.08	6
10480044	10480043	7.13	41 1-	2 ACSR 6/1	0	0	585	161	222	30	17	0.16	9.25	31
10480046	10480044	7.19	37 1-	2 ACSR 6/1	0	0	580	161	197	26	15	0.04	9.29	7
10480047	10480046	7.24	35 1-	2 ACSR 6/1	0	0	575	160	191	25	14	0.04	9.33	7
10480059	10480047	7.31	1 1-	2 ACSR 6/1	0	0	569	160	5	0	0	0.00	9.33	0
10480051	10480047	7.28	27 1-	2 ACSR 6/1	0	0	572	160	152	20	11	0.02	9.35	3
10480039	10480051	7.35	2 1-	15 KV 2 URD XLP	0	0	565	309	7	0	1	0.00	9.35	0
10480052	10480051	7.32	25 1-	2 ACSR 6/1	0	0	568	160	145	19	11	0.02	9.38	3
10480058	10480052	7.37	2 1-	2 ACSR 6/1	0	0	564	160	14	1	1	0.00	9.38	0
10480053	10480052	7.42	22 1-	2 ACSR 6/1	0	0	560	159	124	16	9	0.04	9.42	5
10480057	10480053	7.49	2 1-	2 ACSR 6/1	0	0	554	159	8	1	1	0.00	9.42	0
10480054	10480053	7.48	1 1-	2 ACSR 6/1	0	0	554	159	10	1	1	0.00	9.42	0
10480023	10480053	7.51	19 1-	2 ACSR 6/1	0	0	552	159	107	14	8	0.04	9.46	4
10480060	10480023	7.56	10 1-	2 ACSR 6/1	0	0	548	158	67	9	5	0.01	9.47	0
10480073	10480060	7.64	8 1-	2 ACSR 6/1	0	0	541	158	55	7	4	0.01	9.48	0
10480072	10480073	7.71	4 1-	2 ACSR 6/1	0	0	536	157	32	4	2	0.01	9.49	0
10480071	10480072	7.77	3 1-	2 ACSR 6/1	0	0	532	157	23	3	2	0.00	9.49	0
10480091	10480071	7.80	1 1-	2 ACSR 6/1	0	0	529	157	9	1	1	0.00	9.50	0
10480062	10480023	7.56	9 1-	2 ACSR 6/1	0	0	548	158	40	5	3	0.01	9.47	0
10480074	10480062	7.59	1 1-	2 ACSR 6/1	0	0	546	158	7	1	1	0.00	9.47	0
10480063	10480062	7.62	8 1-	2 ACSR 6/1	0	0	543	158	32	4	2	0.01	9.47	0
10480075	10480063	7.67	4 1-	2 ACSR 6/1	0	0	539	158	14	1	1	0.00	9.47	0
10480076	10480075	7.74	3 1-	2 ACSR 6/1	0	0	534	157	12	1	1	0.00	9.48	0
10480064	10480076	7.82	2 1-	2 ACSR 6/1	0	0	527	157	5	0	0	0.00	9.48	0
10480061	10480064	7.97	1 1-	2 ACSR 6/1	0	0	516	156	3	0	0	0.00	9.48	0
10480048	10480047	7.27	7 1-	2 ACSR 6/1	0	0	573	160	34	4	3	0.00	9.33	0
10480049	10480048	7.39	7 1-	2 ACSR 6/1	0	0	562	159	34	4	3	0.02	9.35	0
10480056	10480049	7.45	3 1-	2 ACSR 6/1	0	0	557	159	19	2	1	0.00	9.35	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10480087	10480056	7.51	3 1-	2 ACSR 6/1	0	0	552	159	19	2	1	0.00	9.36	0
10480088	10480087	7.56	1 1-	2 ACSR 6/1	0	0	548	158	7	0	1	0.00	9.36	0
10480050	10480088	7.62	1 1-	2 ACSR 6/1	0	0	543	158	7	0	1	0.00	9.36	0
10480055	10480049	7.45	4 1-	2 ACSR 6/1	0	0	558	159	15	1	1	0.00	9.35	0
10480042	10480044	7.29	3 1-	2 ACSR 6/1	0	0	571	160	15	2	1	0.01	9.25	0
10480045	10480042	7.35	1 1-	2 ACSR 6/1	0	0	566	160	5	0	0	0.00	9.25	0
10480069	10480024	6.80	2 3-	1/0 ACSR 6/1	831	734	619	163	16	0	0	0.00	6.86	0
10480068	10480069	6.88	0 3-	1/0 ACSR 6/1	823	727	613	163	0	0	0	0.00	6.86	0
10-49-P142-B	10480068	6.88	0 3-	Open	823	727	613	163	0	0	0	0.00	6.86	0
10480070	10480069	6.86	1 1-	2 ACSR 6/1	0	0	613	163	8	1	1	0.00	8.90	0
10380023	10380015	6.35	1 1-	2 ACSR 6/1	0	0	659	165	2	0	0	0.00	5.99	0
10380017	10380021	6.02	2 1-	2 ACSR 6/1	0	0	693	167	11	1	1	0.00	5.77	0
10380022	10380017	6.07	1 1-	2 ACSR 6/1	0	0	686	166	4	0	0	0.00	5.77	0
10380018	10380028	5.90	1 1-	2 ACSR 6/1	0	0	703	167	3	0	0	0.00	5.80	0
10380032	10380031	5.59	2 1-	2 ACSR 6/1	0	0	742	169	13	1	1	0.00	5.84	0
10380030	10380032	5.62	1 1-	2 ACSR 6/1	0	0	737	169	7	0	0	0.00	5.84	0
10380027	10380032	5.63	1 1-	2 ACSR 6/1	0	0	735	169	7	0	0	0.00	5.84	0
10380025	10280025	5.47	6 1-	2 ACSR 6/1	0	0	756	169	17	2	1	0.00	5.90	0
10380026	10380025	5.76	4 1-	2 ACSR 6/1	0	0	714	167	7	0	1	0.01	5.90	0
10280017	10380026	5.84	3 1-	2 ACSR 6/1	0	0	703	167	6	0	0	0.00	5.90	0
10280019	10280017	5.94	2 1-	2 ACSR 6/1	0	0	691	166	4	0	0	0.00	5.91	0
10280020	10280019	6.02	1 1-	2 ACSR 6/1	0	0	681	166	2	0	0	0.00	5.91	0
10280018	10280017	5.91	1 1-	2 ACSR 6/1	0	0	695	167	2	0	0	0.00	5.91	0
10280023	10280012	5.23	1 1-	2 ACSR 6/1	0	0	787	171	1	0	0	0.00	5.87	0
10280032	10280010	5.16	18 1-	2 ACSR 6/1	0	0	797	171	84	11	6	0.02	5.89	0
10280033	10280032	5.20	17 1-	2 ACSR 6/1	0	0	791	171	76	10	6	0.01	5.90	0
10280022	10280033	5.24	1 1-	2 ACSR 6/1	0	0	784	170	3	0	0	0.00	5.90	0
10280016	10280033	5.27	16 1-	2 ACSR 6/1	0	0	779	170	73	9	5	0.02	5.92	0
10280021	10280016	5.33	15 1-	2 ACSR 6/1	0	0	770	170	64	8	5	0.01	5.93	0
10280013	10280021	5.39	13 1-	2 ACSR 6/1	0	0	760	169	56	7	4	0.01	5.94	0
10280014	10280013	5.45	12 1-	2 ACSR 6/1	0	0	751	169	51	6	4	0.01	5.95	0
10280015	10280014	5.50	9 1-	2 ACSR 6/1	0	0	743	169	40	5	3	0.01	5.96	0
10270023	10280015	5.70	7 1-	2 ACSR 6/1	0	0	714	167	31	4	2	0.02	5.98	0
10370031	10270023	5.77	6 1-	2 ACSR 6/1	0	0	704	167	27	3	2	0.01	5.99	0
10370050	10370031	5.87	3 1-	2 ACSR 6/1	0	0	692	166	18	2	1	0.01	5.99	0
10370051	10370050	5.92	2 1-	2 ACSR 6/1	0	0	685	166	15	2	1	0.00	5.99	0
10270051	10270036	4.20	154 3-	1/0 ACSR 6/1	1266	1134	961	176	839	36	16	0.10	5.96	53
10270030	10270051	4.28	153 3-	1/0 ACSR 6/1	1247	1116	946	175	826	36	16	0.08	6.01	45
10270031	10270030	4.36	152 3-	1/0 ACSR 6/1	1228	1098	930	175	817	36	16	0.08	6.05	44
10270032	10270031	4.44	151 3-	1/0 ACSR 6/1	1209	1080	915	175	806	35	15	0.08	6.10	45
10270019	10270032	4.48	35 1-	2 ACSR 6/1	0	0	905	174	168	22	12	0.03	6.03	4
D10-27-P042	10270019	4.48	32 1-	RBC-35-H	0	0	905	174	150	19	57	0.00	6.03	0
10270034	D10-27-P042	4.51	32 1-	2 ACSR 6/1	0	0	898	174	150	19	11	0.02	6.04	2
10270069	10270034	4.56	31 1-	2 ACSR 6/1	0	0	890	174	146	19	11	0.02	6.06	3
10270070	10270069	4.61	30 1-	2 ACSR 6/1	0	0	879	173	142	18	10	0.03	6.09	3
10270035	10270070	4.70	28 1-	2 ACSR 6/1	0	0	860	173	135	17	10	0.04	6.14	5
10170041	10270035	4.75	17 1-	2 ACSR 6/1	0	0	850	172	80	10	6	0.02	6.15	0
10170053	10170041	4.83	1 1-	2 ACSR 6/1	0	0	835	172	8	1	1	0.00	6.15	0
10170017	10170041	4.80	16 1-	2 ACSR 6/1	0	0	839	172	72	9	5	0.02	6.17	0
10180017	10170017	4.88	15 1-	2 ACSR 6/1	0	0	825	171	72	9	5	0.02	6.19	1
10180018	10180017	4.97	13 1-	2 ACSR 6/1	0	0	809	171	61	8	4	0.02	6.20	0
10180020	10180018	5.05	11 1-	2 ACSR 6/1	0	0	795	170	51	6	4	0.02	6.22	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10180011	10180020	5.19	8 1-	2 ACSR 6/1	0	0	772	169	45	5	3	0.02	6.24	0
10180012	10180011	5.27	8 1-	2 ACSR 6/1	0	0	759	169	45	5	3	0.01	6.26	0
10180009	10180012	5.35	7 1-	2 ACSR 6/1	0	0	747	168	39	5	3	0.01	6.27	0
10180024	10180009	5.45	6 1-	2 ACSR 6/1	0	0	731	167	39	5	3	0.02	6.28	0
10180025	10180024	5.55	6 1-	2 ACSR 6/1	0	0	718	167	39	5	3	0.01	6.29	0
10180013	10180025	5.60	4 1-	2 ACSR 6/1	0	0	710	166	27	3	2	0.01	6.30	0
10180016	10180013	5.72	2 1-	2 ACSR 6/1	0	0	694	166	14	1	1	0.00	6.30	0
10180015	10180016	5.78	1 1-	2 ACSR 6/1	0	0	686	165	6	0	0	0.00	6.31	0
10280009	10180015	5.86	0 1-	2 ACSR 6/1	0	0	676	165	0	0	0	0.00	6.31	0
10280011	10180015	6.01	1 1-	2 ACSR 6/1	0	0	658	164	6	0	0	0.00	6.31	0
10180014	10180013	5.65	2 1-	2 ACSR 6/1	0	0	703	166	12	1	1	0.00	6.30	0
10180010	10180009	5.53	1 1-	2 ACSR 6/1	0	0	720	167	0	0	0	0.00	6.27	0
10180021	10180020	5.15	2 1-	2 ACSR 6/1	0	0	778	170	5	0	0	0.00	6.22	0
10280029	10180021	5.33	1 1-	2 ACSR 6/1	0	0	750	168	3	0	0	0.00	6.22	0
10180008	10170017	4.88	0 1-	2 ACSR 6/1	0	0	825	171	0	0	0	0.00	6.17	0
10170042	10270035	4.77	9 1-	2 ACSR 6/1	0	0	846	172	46	6	3	0.01	6.15	0
10170043	10170042	4.86	7 1-	2 ACSR 6/1	0	0	828	172	34	4	3	0.01	6.16	0
10170060	10170043	4.91	3 1-	2 ACSR 6/1	0	0	820	171	16	2	1	0.00	6.16	0
10170044	10170043	4.92	2 1-	2 ACSR 6/1	0	0	817	171	6	0	0	0.00	6.16	0
10170045	10170044	4.95	1 1-	2 ACSR 6/1	0	0	813	171	5	0	0	0.00	6.16	0
10270033	10270019	4.52	2 1-	2 ACSR 6/1	0	0	897	174	9	1	1	0.00	6.03	0
10270021	10270019	4.57	1 1-	2 ACSR 6/1	0	0	887	174	9	1	1	0.00	6.03	0
10270018	10270032	4.51	116 3-	1/0 ACSR 6/1	1193	1066	903	174	637	28	12	0.08	6.13	34
10270020	10270018	4.58	1 1-	2 ACSR 6/1	0	0	887	174	5	0	0	0.00	6.03	0
10270022	10270018	4.68	115 3-	1/0 ACSR 6/1	1155	1031	873	173	632	27	12	0.21	6.20	83
10170051	10270022	4.76	111 3-	1/0 ACSR 6/1	1139	1016	860	173	583	25	11	0.10	6.23	38
10170050	10170051	4.78	40 1-	2 ACSR 6/1	0	0	855	173	237	31	17	0.02	6.52	4
D10-17-P065	10170050	4.78	40 1-	REC-35-H	0	0	855	173	237	31	90	0.00	6.52	0
10170027	D10-17-P065	4.97	40 1-	2 ACSR 6/1	0	0	819	171	237	31	17	0.17	6.69	33
10170031	10170027	5.06	1 1-	2 ACSR 6/1	0	0	803	171	7	0	1	0.00	6.69	0
10170065	10170027	5.03	38 1-	2 ACSR 6/1	0	0	810	171	226	30	17	0.05	6.74	9
10170066	10170065	5.19	38 1-	2 ACSR 6/1	0	0	781	170	225	30	17	0.14	6.88	26
10170032	10170066	5.30	36 1-	2 ACSR 6/1	0	0	763	169	220	29	16	0.09	6.97	17
10170033	10170032	5.40	35 1-	2 ACSR 6/1	0	0	749	169	218	29	16	0.08	7.05	14
10170028	10170033	5.50	35 1-	2 ACSR 6/1	0	0	734	168	218	29	16	0.08	7.13	15
10170029	10170028	5.55	34 1-	2 ACSR 6/1	0	0	726	167	216	28	16	0.05	7.17	8
10170030	10170029	5.66	33 1-	2 ACSR 6/1	0	0	710	167	213	28	16	0.09	7.26	15
10170034	10170030	5.75	32 1-	2 ACSR 6/1	0	0	698	166	205	27	15	0.07	7.33	12
10170039	10170034	5.79	2 1-	2 ACSR 6/1	0	0	693	166	7	0	0	0.00	7.33	0
10170038	10170034	5.81	29 1-	2 ACSR 6/1	0	0	691	166	197	26	15	0.05	7.37	7
10170035	10170038	5.87	28 1-	2 ACSR 6/1	0	0	683	165	189	25	14	0.04	7.42	7
10170040	10170035	5.91	27 1-	2 ACSR 6/1	0	0	678	165	189	25	14	0.03	7.44	4
10160005	10170040	6.04	25 1-	2 ACSR 6/1	0	0	662	164	168	22	12	0.08	7.52	12
10060010	10160005	6.13	25 1-	2 ACSR 6/1	0	0	651	164	168	22	12	0.06	7.58	8
10060007	10060010	6.16	22 1-	2 ACSR 6/1	0	0	648	164	158	21	12	0.02	7.60	2
10060008	10060007	6.22	21 1-	2 ACSR 6/1	0	0	640	163	146	19	11	0.04	7.63	4
10060006	10060008	6.33	20 1-	2 ACSR 6/1	0	0	629	162	138	18	10	0.05	7.69	6
10060002	10060006	6.93	19 1-	2 ACSR 6/1	0	0	570	159	135	18	10	0.30	7.99	33
4960003	10060002	7.00	18 1-	2 ACSR 6/1	0	0	563	158	127	17	9	0.03	8.02	3
4960004	4960003	7.09	15 1-	2 ACSR 6/1	0	0	556	158	106	14	8	0.03	8.05	3
4960007	4960004	7.19	11 1-	2 ACSR 6/1	0	0	547	157	77	10	6	0.03	8.08	1
4960009	4960007	7.41	9 1-	2 ACSR 6/1	0	0	529	156	59	7	4	0.05	8.13	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
4950015	4960009	7.53	1 1-	2 ACSR 6/1	0	0	521	155	7	0	1	0.00	8.13	0
4950021	4960009	7.48	8 1-	2 ACSR 6/1	0	0	525	155	52	6	4	0.01	8.14	0
4950025	4950021	7.53	2 1-	2 ACSR 6/1	0	0	521	155	10	1	1	0.00	8.14	0
4950023	4950021	7.58	3 1-	2 ACSR 6/1	0	0	517	155	26	3	2	0.01	8.15	0
4950024	4950023	7.73	2 1-	2 ACSR 6/1	0	0	506	154	15	1	1	0.01	8.15	0
4850005	4950024	8.02	1 1-	2 ACSR 6/1	0	0	486	152	10	1	1	0.01	8.16	0
4850004	4950024	7.78	1 1-	2 ACSR 6/1	0	0	502	154	5	0	0	0.00	8.15	0
4850009	4850004	7.91	0 1-	2 ACSR 6/1	0	0	494	153	0	0	0	0.00	8.15	0
4950022	4950021	7.54	1 1-	2 ACSR 6/1	0	0	520	155	7	1	1	0.00	8.14	0
4960005	4960004	7.15	1 1-	2 ACSR 6/1	0	0	551	157	6	0	0	0.00	8.05	0
4960006	4960005	7.18	0 1-	2 ACSR 6/1	0	0	548	157	0	0	0	0.00	8.05	0
10060009	10160005	6.07	0 1-	2 ACSR 6/1	0	0	658	164	0	0	0	0.00	7.52	0
10160004	10170040	5.95	1 1-	2 ACSR 6/1	0	0	673	165	10	1	1	0.00	7.44	0
10170036	10170038	5.88	1 1-	2 ACSR 6/1	0	0	682	165	8	1	1	0.00	7.37	0
10170037	10170036	5.98	0 1-	2 ACSR 6/1	0	0	669	165	0	0	0	0.00	7.37	0
10170016	10170033	5.49	0 1-	2 ACSR 6/1	0	0	734	168	0	0	0	0.00	7.05	0
10170049	10170051	4.85	70 3-	2 ACSR 6/1	1116	994	842	172	343	15	8	0.08	6.27	18
10170047	10170049	4.95	69 3-	2 ACSR 6/1	1091	970	823	172	340	15	8	0.09	6.30	21
D10-17-P022	10170047	4.95	69 3-	RCC-35-H	1091	970	823	172	339	15	43	0.00	6.30	0
10170048	D10-17-P022	5.08	69 3-	2 ACSR 6/1	1060	942	799	171	339	15	8	0.12	6.35	26
10170059	10170048	5.24	68 3-	2 ACSR 6/1	1026	910	774	170	333	14	8	0.14	6.40	31
10170063	10170059	5.33	5 1-	2 ACSR 6/1	0	0	759	169	26	3	2	0.01	6.31	0
10170064	10170063	5.56	4 1-	2 ACSR 6/1	0	0	724	167	19	2	1	0.02	6.32	0
10170058	10170064	5.67	2 1-	2 ACSR 6/1	0	0	710	167	8	0	1	0.00	6.33	0
10180019	10170058	5.85	1 1-	2 ACSR 6/1	0	0	686	166	5	0	0	0.00	6.33	0
10170057	10170064	5.63	1 1-	2 ACSR 6/1	0	0	714	167	8	1	1	0.00	6.32	0
10170055	10170059	5.32	61 3-	2 ACSR 6/1	1009	894	760	169	303	13	7	0.08	6.43	16
10170056	10170055	5.42	60 3-	2 ACSR 6/1	989	875	745	168	303	13	7	0.09	6.46	20
10170054	10170056	5.47	1 1-	2 ACSR 6/1	0	0	738	168	4	0	0	0.00	6.35	0
10170025	10170056	5.51	59 3-	2 ACSR 6/1	970	858	731	168	298	13	7	0.09	6.49	18
10170026	10170025	5.59	58 3-	2 ACSR 6/1	955	844	720	167	293	13	7	0.07	6.51	16
10070005	10170026	5.69	1 1-	2 ACSR 6/1	0	0	706	167	7	0	1	0.00	6.39	0
10070006	10170026	5.81	55 3-	2 ACSR 6/1	916	808	690	166	269	11	7	0.19	6.58	37
10070007	10070006	6.08	54 3-	2 ACSR 6/1	871	767	656	164	260	11	6	0.23	6.65	47
4970026	10070007	6.14	53 3-	2 ACSR 6/1	863	759	650	164	258	11	6	0.04	6.66	9
4970042	4970026	6.22	2 1-	2 ACSR 6/1	0	0	640	163	10	1	1	0.00	6.52	0
4970043	4970042	6.26	1 1-	2 ACSR 6/1	0	0	636	163	9	1	1	0.00	6.52	0
4970009	4970026	6.25	51 3-	2 ACSR 6/1	846	743	637	163	248	11	6	0.10	6.69	20
4970035	4970009	6.28	5 1-	2 ACSR 6/1	0	0	634	163	15	2	1	0.00	6.54	0
4970036	4970035	6.34	5 1-	2 ACSR 6/1	0	0	628	162	15	2	1	0.00	6.54	0
4970037	4970036	6.39	1 1-	2 ACSR 6/1	0	0	622	162	7	0	1	0.00	6.54	0
4970027	4970036	6.40	4 1-	2 ACSR 6/1	0	0	621	162	8	1	1	0.00	6.54	0
4970028	4970027	6.49	3 1-	2 ACSR 6/1	0	0	611	161	5	0	0	0.00	6.55	0
4970039	4970028	6.58	3 1-	2 ACSR 6/1	0	0	603	161	5	0	0	0.00	6.55	0
4970040	4970039	6.70	1 1-	2 ACSR 6/1	0	0	591	160	2	0	0	0.00	6.55	0
4970041	4970040	6.80	0 1-	2 ACSR 6/1	0	0	582	160	0	0	0	0.00	6.55	0
4970038	4970039	6.92	1 1-	2 ACSR 6/1	0	0	571	159	1	0	0	0.00	6.55	0
4880001	4970038	7.00	1 1-	2 ACSR 6/1	0	0	563	158	1	0	0	0.00	6.55	0
4970029	4970009	6.44	46 1-	2 ACSR 6/1	0	0	616	162	232	31	17	0.17	7.98	32
4970030	4970029	6.50	45 1-	2 ACSR 6/1	0	0	610	161	222	29	17	0.05	8.03	9
4970031	4970030	6.59	44 1-	2 ACSR 6/1	0	0	601	161	216	29	16	0.08	8.11	14
4970033	4970031	6.65	44 1-	2 ACSR 6/1	0	0	596	160	216	29	16	0.05	8.15	8

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
4970034	4970033	6.73	43 1-	2 ACSR 6/1	0	0	588	160	208	27	16	0.07	8.22	12
4870030	4970034	6.81	42 1-	2 ACSR 6/1	0	0	580	159	199	26	15	0.06	8.28	10
4870031	4870030	6.86	41 1-	2 ACSR 6/1	0	0	575	159	187	25	14	0.04	8.31	6
4870038	4870031	6.92	1 1-	2 ACSR 6/1	0	0	571	159	7	0	0	0.00	8.31	0
4870036	4870031	7.03	40 1-	2 ACSR 6/1	0	0	561	158	180	24	14	0.11	8.43	17
4870037	4870036	7.09	39 1-	2 ACSR 6/1	0	0	555	158	176	23	13	0.04	8.47	6
4870035	4870037	7.37	28 1-	2 ACSR 6/1	0	0	532	156	132	17	10	0.14	8.61	16
4870034	4870035	7.44	26 1-	2 ACSR 6/1	0	0	527	156	129	17	10	0.03	8.64	3
4860011	4870034	7.55	24 1-	2 ACSR 6/1	0	0	519	155	119	16	9	0.05	8.69	5
4860012	4860011	7.59	2 1-	2 ACSR 6/1	0	0	516	155	14	1	0	0.00	8.69	0
4860010	4860011	7.72	22 1-	2 ACSR 6/1	0	0	506	154	105	14	8	0.07	8.76	6
D04-86-P013	4860010	7.72	22 1-	SEC-35-GH	0	0	506	154	105	14	0	0.00	8.76	0
4860020	D04-86-P013	7.79	22 1-	2 ACSR 6/1	0	0	502	154	105	14	8	0.02	8.78	2
4860021	4860020	7.95	20 1-	2 ACSR 6/1	0	0	491	153	99	13	7	0.06	8.84	5
4760010	4860021	8.10	10 1-	2 ACSR 6/1	0	0	481	152	61	8	5	0.03	8.88	2
4760012	4760010	8.24	8 1-	2 ACSR 6/1	0	0	472	151	40	5	3	0.02	8.90	0
4760008	4760012	8.41	7 1-	2 ACSR 6/1	0	0	462	150	30	4	2	0.02	8.91	0
4760019	4760008	8.57	2 1-	2 ACSR 6/1	0	0	452	149	6	0	0	0.00	8.92	0
4760020	4760019	8.79	1 1-	2 ACSR 6/1	0	0	440	148	1	0	0	0.00	8.92	0
4760009	4760008	8.47	4 1-	2 ACSR 6/1	0	0	458	150	17	2	1	0.00	8.92	0
4760007	4760009	8.54	2 1-	2 ACSR 6/1	0	0	454	149	11	1	1	0.00	8.92	0
4760021	4760007	8.98	1 1-	2 ACSR 6/1	0	0	430	147	6	0	0	0.01	8.93	0
4760022	4760021	9.06	1 1-	2 ACSR 6/1	0	0	426	147	6	0	0	0.00	8.93	0
4760011	4760010	8.16	1 1-	2 ACSR 6/1	0	0	477	152	10	1	1	0.00	8.88	0
4760005	4860021	8.00	10 1-	2 ACSR 6/1	0	0	487	152	38	5	3	0.01	8.85	0
4760006	4760005	8.05	9 1-	2 ACSR 6/1	0	0	484	152	36	4	3	0.01	8.86	0
4760015	4760006	8.14	1 1-	2 ACSR 6/1	0	0	478	152	0	0	0	0.00	8.86	0
4760016	4760006	8.27	8 1-	2 ACSR 6/1	0	0	470	151	36	4	3	0.03	8.89	0
4860023	4760016	8.39	5 1-	2 ACSR 6/1	0	0	463	150	16	2	1	0.01	8.90	0
4860024	4860023	8.52	4 1-	2 ACSR 6/1	0	0	455	150	16	2	1	0.01	8.90	0
4860026	4860024	8.58	2 1-	2 ACSR 6/1	0	0	452	149	10	1	1	0.00	8.90	0
4860025	4860024	8.64	0 1-	2 ACSR 6/1	0	0	449	149	0	0	0	0.00	8.90	0
4860022	4760016	8.42	2 1-	2 ACSR 6/1	0	0	461	150	19	2	1	0.01	8.90	0
4870033	4870035	7.43	1 1-	2 ACSR 6/1	0	0	528	156	0	0	0	0.00	8.61	0
4870010	4870037	7.17	11 1-	2 ACSR 6/1	0	0	549	157	44	5	3	0.01	8.48	0
4870032	4870010	7.25	2 1-	2 ACSR 6/1	0	0	542	157	10	1	1	0.00	8.48	0
4870011	4870010	7.21	9 1-	2 ACSR 6/1	0	0	546	157	33	4	3	0.00	8.48	0
D04-87-P014	4870011	7.21	9 1-	SEC-35-GH	0	0	546	157	33	4	0	0.00	8.48	0
4870012	D04-87-P014	7.37	9 1-	2 ACSR 6/1	0	0	533	156	33	4	3	0.02	8.51	0
4870039	4870012	7.49	1 1-	2 ACSR 6/1	0	0	523	155	5	0	0	0.00	8.51	0
4870044	4870012	7.53	7 1-	2 ACSR 6/1	0	0	520	155	21	2	2	0.01	8.52	0
4870045	4870044	7.81	6 1-	2 ACSR 6/1	0	0	500	153	16	2	1	0.02	8.53	0
4870042	4870045	7.98	4 1-	2 ACSR 6/1	0	0	488	152	11	1	1	0.01	8.54	0
4870043	4870042	8.12	4 1-	2 ACSR 6/1	0	0	480	152	11	1	1	0.01	8.55	0
4770011	4870043	8.54	2 1-	2 ACSR 6/1	0	0	454	149	11	1	1	0.02	8.56	0
4770012	4770011	8.64	2 1-	2 ACSR 6/1	0	0	448	149	11	1	1	0.00	8.57	0
4770006	4770012	8.72	2 1-	2 ACSR 6/1	0	0	444	148	11	1	1	0.00	8.57	0
4770007	4770006	8.98	1 1-	2 ACSR 6/1	0	0	438	147	7	0	1	0.01	8.58	0
4780004	4770007	9.02	1 1-	2 ACSR 6/1	0	0	420	147	7	0	1	0.00	8.58	0
4780003	4770007	9.02	0 1-	2 ACSR 6/1	0	0	428	147	0	0	0	0.00	8.58	0
4770005	4770012	8.74	0 1-	2 ACSR 6/1	0	0	443	148	0	0	0	0.00	8.57	0
4770008	4870043	8.30	0 1-	2 ACSR 6/1	0	0	468	151	0	0	0	0.00	8.55	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
4870041	4870045	7.84	2 1-	2 ACSR 6/1	0	0	498	153	5	0	0	0.00	8.53	0
4870040	4870012	7.47	1 1-	2 ACSR 6/1	0	0	525	155	7	0	1	0.00	8.51	0
4870029	4970034	6.90	1 1-	2 ACSR 6/1	0	0	572	159	9	1	1	0.00	8.22	0
10070004	10170026	5.70	2 1-	2 ACSR 6/1	0	0	704	166	17	2	1	0.01	7.26	0
10070008	10070004	5.74	2 1-	2 ACSR 6/1	0	0	700	166	17	2	1	0.00	7.26	0
10070009	10070008	5.89	1 1-	2 ACSR 6/1	0	0	680	165	8	1	1	0.00	7.26	0
10170052	10170059	5.31	2 1-	2 ACSR 6/1	0	0	763	169	4	0	0	0.00	6.30	0
10170046	10270022	4.73	2 1-	2 ACSR 6/1	0	0	863	173	13	1	1	0.00	6.09	0
10270026	10270030	4.44	1 1-	2 ACSR 6/1	0	0	909	174	8	1	1	0.00	5.95	0
10270056	10270059	3.83	1 1-	2 ACSR 6/1	0	0	1042	177	6	0	0	0.00	5.40	0
10360021	10370056	2.90	89 3-	1/0 ACSR 6/1	1704	1548	1323	182	480	20	9	0.03	4.41	13
D10-36-P028	10360021	2.90	89 3-	REC-50-4H	1704	1548	1323	182	480	20	42	0.00	4.41	0
10360033	D10-36-P028	3.01	89 3-	1/0 ACSR 6/1	1656	1501	1282	182	480	20	9	0.04	4.45	16
10360034	10360033	3.08	87 3-	1/0 ACSR 6/1	1628	1475	1259	181	473	20	9	0.02	4.47	9
10360028	10360034	3.14	85 3-	1/0 ACSR 6/1	1602	1450	1237	181	466	20	9	0.02	4.49	9
10360044	10360028	3.21	82 3-	1/0 ACSR 6/1	1575	1425	1215	181	449	19	8	0.02	4.51	9
10260031	10360044	3.32	81 3-	1/0 ACSR 6/1	1536	1387	1182	180	438	19	8	0.03	4.54	13
10260032	10260031	3.43	79 3-	1/0 ACSR 6/1	1495	1348	1148	180	426	18	8	0.03	4.58	14
10260034	10260032	3.49	77 3-	1/0 ACSR 6/1	1475	1329	1131	179	426	18	8	0.02	4.59	7
10260036	10260034	3.53	75 3-	1/0 ACSR 6/1	1461	1316	1120	179	418	18	8	0.01	4.60	5
10260039	10260036	3.65	73 3-	1/0 ACSR 6/1	1422	1279	1088	178	407	17	8	0.03	4.64	13
10260041	10260039	3.70	10 1-	2 ACSR 6/1	0	0	1072	178	52	6	4	0.01	4.36	0
10260038	10260041	3.73	7 1-	2 ACSR 6/1	0	0	1064	178	33	4	2	0.00	4.36	0
10260063	10260038	3.76	6 1-	2 ACSR 6/1	0	0	1055	178	26	3	2	0.00	4.37	0
10260065	10260063	3.80	1 1-	2 ACSR 6/1	0	0	1042	177	8	1	1	0.00	4.37	0
10260064	10260063	3.79	5 1-	2 ACSR 6/1	0	0	1047	177	18	2	1	0.00	4.37	0
10260066	10260064	3.82	4 1-	2 ACSR 6/1	0	0	1037	177	14	1	1	0.00	4.37	0
D10-26-P016	10260066	3.82	4 1-	FUS	0	0	1037	177	14	1	42	0.00	4.37	0
10260015	D10-26-P016	3.91	4 1-	2 ACSR 6/1	0	0	1013	177	14	1	1	0.00	4.37	0
10260043	10260015	4.12	2 1-	2 ACSR 6/1	0	0	958	175	11	1	1	0.01	4.38	0
10260067	10260043	4.17	2 1-	2 ACSR 6/1	0	0	945	175	11	1	1	0.00	4.38	0
D10-26-P021	10260067	4.17	1 1-	FUS-5	0	0	945	175	1	0	2	0.00	4.38	0
10260068	D10-26-P021	4.19	1 1-	2 ACSR 6/1	0	0	939	175	1	0	0	0.00	4.38	0
10260042	10260015	3.96	2 1-	2 ACSR 6/1	0	0	998	176	3	0	0	0.00	4.37	0
10260018	10260041	3.74	3 1-	2 ACSR 6/1	0	0	1060	178	20	2	1	0.00	4.36	0
10260051	10260018	3.95	1 1-	2 ACSR 6/1	0	0	1001	176	7	0	1	0.00	4.37	0
10260044	10260018	3.79	2 1-	2 ACSR 6/1	0	0	1046	177	12	1	1	0.00	4.36	0
10260040	10260039	3.75	62 3-	1/0 ACSR 6/1	1391	1250	1062	178	349	15	7	0.01	4.66	9
10260052	10260040	3.83	1 1-	2 ACSR 6/1	0	0	1039	177	3	0	0	0.00	4.74	0
10260016	10260040	3.85	61 3-	1/0 ACSR 6/1	1362	1223	1039	177	345	15	7	0.01	4.68	8
10260046	10260016	4.11	60 3-	1/0 ACSR 6/1	1288	1155	979	176	337	14	6	0.02	4.74	23
10260047	10260046	4.16	59 3-	1/0 ACSR 6/1	1275	1142	969	176	335	14	6	0.00	4.75	4
10260037	10260047	4.20	1 1-	2 ACSR 6/1	0	0	959	176	12	1	1	0.00	4.38	0
10260053	10260047	4.21	57 3-	1/0 ACSR 6/1	1264	1132	960	176	316	13	6	0.00	4.76	3
10260054	10260053	4.28	55 3-	1/0 ACSR 6/1	1246	1115	945	175	306	13	6	0.00	4.78	6
10260033	10260054	4.66	49 3-	1/0 ACSR 6/1	1159	1035	876	173	265	11	5	-0.05	4.85	29
10250005	10260033	4.84	47 3-	1/0 ACSR 6/1	1122	1000	846	173	253	11	5	-0.03	4.88	14
10250004	10250005	5.03	2 1-	2 ACSR 6/1	0	0	811	171	4	0	0	0.00	4.92	0
10250002	10250005	5.23	45 3-	1/0 ACSR 6/1	1049	933	788	171	249	10	5	-0.06	4.94	30
10150033	10250002	5.44	44 3-	1/0 ACSR 6/1	1014	901	761	170	238	10	5	-0.04	4.97	16
10150034	10150033	5.67	7 1-	2 ACSR 6/1	0	0	727	168	44	5	3	0.04	5.08	1
10150037	10150034	5.93	5 1-	2 ACSR 6/1	0	0	691	166	40	5	3	0.03	5.12	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10140003	10150037	6.16	4 1-	2 ACSR 6/1	0	0	663	165	31	4	2	0.02	5.13	0
10140004	10140003	6.38	2 1-	2 ACSR 6/1	0	0	638	163	11	1	1	0.01	5.14	0
10140005	10140004	6.42	2 1-	2 ACSR 6/1	0	0	633	163	11	1	1	0.00	5.14	0
10140002	10140005	6.47	1 1-	2 ACSR 6/1	0	0	628	163	2	0	0	0.00	5.14	0
10150011	10150033	5.48	37 1-	2 ACSR 6/1	0	0	755	169	193	25	14	0.03	5.70	4
D10-15-P050	10150011	5.48	35 1-	REC-25-H	0	0	755	169	182	24	96	0.00	5.70	0
10150028	D10-15-P050	5.49	35 1-	2 ACSR 6/1	0	0	754	169	182	24	13	0.01	5.70	0
10150029	10150028	5.51	33 1-	2 ACSR 6/1	0	0	750	169	166	21	12	0.01	5.72	2
10150024	10150029	5.56	1 1-	2 ACSR 6/1	0	0	742	169	3	0	0	0.00	5.72	0
10150012	10150029	5.67	32 1-	2 ACSR 6/1	0	0	727	168	163	21	12	0.10	5.81	13
10150025	10150012	5.71	1 1-	2 ACSR 6/1	0	0	721	168	0	0	0	0.00	5.81	0
10150013	10150012	5.76	31 1-	2 ACSR 6/1	0	0	714	167	162	21	12	0.06	5.87	8
10150031	10150013	5.95	29 1-	2 ACSR 6/1	0	0	689	166	156	20	11	0.11	5.98	14
10150035	10150031	6.05	26 1-	2 ACSR 6/1	0	0	677	166	151	19	11	0.05	6.03	7
10150041	10150035	6.14	1 1-	2 ACSR 6/1	0	0	665	165	10	1	1	0.00	6.03	0
10150036	10150035	6.15	3 1-	2 ACSR 6/1	0	0	664	165	19	2	1	0.01	6.04	0
10150021	10150036	6.29	1 1-	2 ACSR 6/1	0	0	648	164	1	0	0	0.00	6.04	0
10150020	10150036	6.19	1 1-	2 ACSR 6/1	0	0	659	165	10	1	1	0.00	6.04	0
10150019	10150036	6.18	1 1-	2 ACSR 6/1	0	0	660	165	8	1	1	0.00	6.04	0
10150022	10150035	6.25	21 1-	2 ACSR 6/1	0	0	653	164	120	15	9	0.09	6.12	8
10050010	10150022	6.38	19 1-	2 ACSR 6/1	0	0	637	163	102	13	8	0.05	6.17	4
10050011	10050010	6.45	18 1-	2 ACSR 6/1	0	0	629	163	99	13	7	0.02	6.20	2
10050012	10050011	6.55	17 1-	2 ACSR 6/1	0	0	619	162	90	11	7	0.03	6.23	2
10050014	10050012	6.68	15 1-	2 ACSR 6/1	0	0	605	161	83	11	6	0.04	6.27	3
10050017	10050014	6.73	14 1-	2 ACSR 6/1	0	0	601	161	76	10	6	0.01	6.28	0
10050016	10050017	7.03	9 1-	2 ACSR 6/1	0	0	573	159	57	7	4	0.06	6.34	3
4950019	10050016	7.21	1 1-	2 ACSR 6/1	0	0	557	158	5	0	0	0.00	6.35	0
4950018	10050016	7.14	2 1-	2 ACSR 6/1	0	0	563	159	10	1	1	0.00	6.35	0
4950017	10050016	7.16	6 1-	2 ACSR 6/1	0	0	561	159	42	5	3	0.02	6.36	0
4950020	4950017	7.24	5 1-	2 ACSR 6/1	0	0	554	158	32	4	2	0.01	6.37	0
4950003	4950020	7.32	3 1-	2 ACSR 6/1	0	0	547	158	18	2	1	0.00	6.37	0
4850007	4950003	7.51	1 1-	2 ACSR 6/1	0	0	532	156	3	0	0	0.00	6.38	0
4850006	4950003	7.36	1 1-	2 ACSR 6/1	0	0	544	157	8	1	1	0.00	6.37	0
4950016	10050016	7.09	0 1-	2 ACSR 6/1	0	0	567	159	0	0	0	0.00	6.34	0
10050015	10050017	6.81	3 1-	2 ACSR 6/1	0	0	593	161	11	1	1	0.00	6.28	0
10050013	10050012	6.58	2 1-	2 ACSR 6/1	0	0	616	162	7	0	1	0.00	6.23	0
10050009	10150022	6.32	1 1-	2 ACSR 6/1	0	0	644	164	11	1	1	0.00	6.12	0
10150032	10150031	6.08	0 1-	2 ACSR 6/1	0	0	672	165	0	0	0	0.00	5.98	0
10150030	10150013	5.79	2 1-	2 ACSR 6/1	0	0	710	167	6	0	0	0.00	5.87	0
D10-15-P050A	10150011	5.48	2 1-	REC-25-H	0	0	755	169	11	1	6	0.00	5.70	0
10150026	D10-15-P050A	5.52	2 1-	2 ACSR 6/1	0	0	749	169	11	1	1	0.00	5.70	0
10150027	10150026	5.56	1 1-	2 ACSR 6/1	0	0	743	169	5	0	0	0.00	5.70	0
10260017	10260054	4.31	6 1-	2 ACSR 6/1	0	0	938	175	42	5	3	0.00	4.39	0
D10-26-P004	10260017	4.31	5 1-	FUS	0	0	938	175	36	4	107	0.00	4.39	0
10260030	D10-26-P004	4.58	5 1-	2 ACSR 6/1	0	0	878	173	36	4	3	0.03	4.42	0
10250003	10260030	4.68	4 1-	2 ACSR 6/1	0	0	859	172	22	2	2	0.01	4.42	0
10150038	10250003	4.96	4 1-	2 ACSR 6/1	0	0	806	171	22	2	2	0.02	4.44	0
10150039	10150038	5.11	3 1-	2 ACSR 6/1	0	0	780	169	12	1	1	0.01	4.45	0
10150040	10150039	5.15	2 1-	2 ACSR 6/1	0	0	774	169	6	0	0	0.00	4.45	0
10150023	10250003	4.78	0 1-	2 ACSR 6/1	0	0	840	172	0	0	0	0.00	4.42	0
10160002	10150023	4.85	0 1-	2 ACSR 6/1	0	0	826	171	0	0	0	0.00	4.42	0
10260048	10260017	4.36	1 1-	2 ACSR 6/1	0	0	927	175	6	0	0	0.00	4.39	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10260045	10260016	3.95	1 1-	2 ACSR 6/1	0	0	1011	177	8	1	1	0.00	4.75	0
10260035	10260034	3.52	2 1-	2 ACSR 6/1	0	0	1120	179	7	0	1	0.00	4.32	0
10360029	10360028	3.30	3 1-	2 ACSR 6/1	0	0	1176	180	17	2	1	0.01	4.69	0
10360035	10360029	3.42	1 1-	2 ACSR 6/1	0	0	1136	179	6	0	0	0.00	4.69	0
10370035	10370038	2.79	6 1-	2 ACSR 6/1	0	0	1362	183	27	3	2	0.01	4.25	0
10370036	10370035	2.92	4 1-	2 ACSR 6/1	0	0	1303	182	24	3	2	0.01	4.26	0
D10-37-P072	10370036	2.92	3 1-	FUS-40	0	0	1303	182	18	2	7	0.00	4.26	0
10370053	D10-37-P072	3.04	3 1-	2 ACSR 6/1	0	0	1250	181	18	2	1	0.01	4.27	0
10370055	10370053	3.11	1 1-	2 ACSR 6/1	0	0	1220	180	5	0	0	0.00	4.27	0
10370052	10370055	3.13	0 1-	2 ACSR 6/1	0	0	1215	180	0	0	0	0.00	4.27	0
10370054	10370053	3.09	2 1-	2 ACSR 6/1	0	0	1231	180	13	1	1	0.00	4.27	0
10370034	10370054	3.33	1 1-	2 ACSR 6/1	0	0	1140	179	7	0	0	0.00	4.27	0
10370037	10370029	2.58	3 1-	2 ACSR 6/1	0	0	1457	184	16	2	1	0.00	4.29	0
10370033	10370037	2.62	1 1-	2 ACSR 6/1	0	0	1436	184	3	0	0	0.00	4.29	0
10370032	10370037	2.67	2 1-	2 ACSR 6/1	0	0	1405	183	13	1	1	0.00	4.30	0
10370018	10470040	2.21	0 1-	2 ACSR 6/1	0	0	1645	186	0	0	0	0.00	3.17	0
10470062	10470038	1.64	2 1-	2 ACSR 6/1	0	0	2061	189	30	3	2	0.00	2.14	0
10470061	10470070	1.67	1 1-	2 ACSR 6/1	0	0	2000	188	9	1	1	0.00	1.74	0
10570064	10570094	0.92	0 1-	2 ACSR 6/1	0	0	2972	193	0	0	0	0.00	0.78	0
CKT 3 total losses:	\$13,519													

SUB 21, CKT 4

BK2104	EMMANUEL(21)	0.00	878 3-	BK2104	4961	5073	5272	196	4937	206	52	0.00	0.00	0
10560087	BK2104	0.04	878 3-	336 ACSR 18/1	4885	4980	5136	196	4937	206	39	0.04	0.04	151
10560090	10560087	0.12	878 3-	336 ACSR 18/1	4715	4773	4839	196	4936	206	39	0.08	0.13	355
10560101	10560090	0.20	878 3-	336 ACSR 18/1	4573	4602	4601	195	4932	206	39	0.07	0.21	316
10560102	10560101	0.30	878 3-	336 ACSR 18/1	4406	4402	4332	195	4929	206	39	0.09	0.32	397
10660124	10560102	0.35	2 1-	2 ACSR 6/1	0	0	4155	195	7	0	0	0.00	0.29	0
10660084	10560102	0.33	875 3-	336 ACSR 18/1	4356	4343	4254	195	4911	205	39	0.03	0.35	124
10660120	10660084	0.36	2 1-	2 ACSR 6/1	0	0	4158	195	7	0	0	0.00	0.31	0
10660082	10660084	0.37	873 3-	336 ACSR 18/1	4294	4271	4159	195	4902	205	39	0.04	0.39	156
10660162	10660082	0.41	873 3-	336 ACSR 18/1	4227	4193	4058	195	4901	205	39	0.04	0.43	174
10660178	10660162	0.48	870 3-	336 ACSR 18/1	4124	4073	3905	195	4884	205	39	0.06	0.51	278
10660169	10660178	0.52	870 3-	336 ACSR 18/1	4067	4008	3824	195	4882	205	39	0.04	0.55	158
10660181	10660169	0.55	870 3-	336 ACSR 18/1	4019	3954	3755	195	4880	205	39	0.03	0.58	136
10660171	10660181	0.60	870 3-	336 ACSR 18/1	3955	3880	3664	195	4879	205	39	0.04	0.63	191
10660182	10660171	0.66	685 3-	336 ACSR 18/1	3869	3784	3546	194	3844	161	31	0.04	0.68	170
10660150	10660182	0.80	682 3-	336 ACSR 18/1	3693	3588	3311	194	3829	161	30	0.08	0.80	371
10660152	10660150	0.93	682 3-	336 ACSR 18/1	3553	3434	3131	194	3825	161	30	0.07	0.89	319
10660138	10660152	0.96	0 1-	2 ACSR 6/1	0	0	3056	194	0	0	0	0.00	0.75	0
10660136	10660152	1.01	682 3-	336 ACSR 18/1	3459	3332	3014	194	3822	161	30	0.05	0.96	228
10660153	10660136	1.08	2 1-	2 ACSR 6/1	0	0	2879	193	11	1	1	0.00	0.25	0
10660154	10660136	1.16	680 3-	4/0 ACSR 6/1	3276	3139	2796	193	3809	160	47	0.15	1.14	618
10660155	10660154	1.42	680 3-	4/0 ACSR 6/1	3002	2854	2486	192	3803	160	47	0.26	1.45	1057
D10-66-P211	10660155	1.42	5 1-	FUS-60	0	0	2486	192	31	3	7	0.00	1.20	0
10660085	D10-66-P211	1.49	5 1-	2 ACSR 6/1	0	0	2388	192	31	3	2	0.01	1.21	0
10660164	10660085	1.58	4 1-	2 ACSR 6/1	0	0	2267	191	30	3	2	0.01	1.22	0
10660165	10660164	1.68	3 1-	2 ACSR 6/1	0	0	2157	190	19	2	1	0.00	1.22	0
10660166	10660165	1.78	2 1-	2 ACSR 6/1	0	0	2044	189	8	1	1	0.00	1.22	0
10660121	10660085	1.58	1 1-	2 ACSR 6/1	0	0	2273	191	1	0	0	0.00	1.21	0
10660192	10660155	1.62	675 3-	4/0 ACSR 6/1	2810	2656	2280	192	3762	159	47	0.19	1.69	841

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10-66-P210-A	10-66-P210-B	1.62	675 3-	Closed	2810	2656	2280	192	3754	159 0	0 0.00	1.69	0	
10660193	10-66-P210-A	1.67	675 3-	4/0 ACSR 6/1	2771	2617	2240	191	3754	159 47	0 0.04	1.75	183	
10660080	10660193	1.70	674 3-	4/0 ACSR 6/1	2745	2590	2212	191	3745	158 47	0 0.03	1.78	127	
D10-66-P122	10660080	1.70	11 1-	FUS	0	0	2212	191	58	7 171	0 0.00	3.44	0	
10660198	D10-66-P122	2.03	11 1-	2 ACSR 6/1	0	0	1883	189	58	7 4	0 0.06	3.51	3	
10660125	10660198	2.07	8 1-	2 ACSR 6/1	0	0	1851	188	44	5 3	0 0.01	3.51	0	
10660126	10660125	2.09	7 1-	2 ACSR 6/1	0	0	1828	188	35	4 3	0 0.00	3.52	0	
10660127	10660126	2.15	2 1-	2 ACSR 6/1	0	0	1784	188	16	2 1	0 0.00	3.52	0	
10660128	10660127	2.18	1 1-	2 ACSR 6/1	0	0	1763	187	8	1 1	0 0.00	3.52	0	
10660078	10660126	2.32	5 1-	2 ACSR 6/1	0	0	1656	186	19	2 1	0 0.02	3.53	0	
10660079	10660078	2.38	4 1-	2 ACSR 6/1	0	0	1616	186	19	2 1	0 0.00	3.54	0	
10660174	10660079	2.45	4 1-	2 ACSR 6/1	0	0	1569	185	19	2 1	0 0.00	3.54	0	
10660180	10660174	2.51	3 1-	2 ACSR 6/1	0	0	1531	185	13	1 1	0 0.00	3.54	0	
10660190	10660180	2.57	2 1-	2 ACSR 6/1	0	0	1497	184	13	1 1	0 0.00	3.55	0	
10660191	10660190	2.63	1 1-	2 ACSR 6/1	0	0	1464	184	12	1 1	0 0.00	3.55	0	
10660129	10660078	2.46	1 1-	2 ACSR 6/1	0	0	1565	185	0	0 0	0 0.00	3.53	0	
10660123	10660198	2.14	1 1-	2 ACSR 6/1	0	0	1790	188	3	0 0	0 0.00	3.51	0	
10660137	10660080	1.81	663 3-	4/0 ACSR 6/1	2655	2499	2121	191	3685	156 46	0 0.11	1.91	429	
10650172	10660137	1.84	1 1-	2 ACSR 6/1	0	0	2088	191	5	0 0	0 0.00	3.69	0	
10650171	10660137	1.85	661 3-	4/0 ACSR 6/1	2622	2466	2087	191	3673	156 46	0 0.04	1.96	165	
10650093	10650171	1.91	63 3-	1/0 ACSR 6/1	2566	2408	2035	190	286	12 5	0 0.03	1.97	4	
D10-65-P064	10650093	1.91	63 3-	REC-50-L	2566	2408	2035	190	286	12 24	0 0.00	1.97	0	
10650146	D10-65-P064	1.98	63 3-	1/0 ACSR 6/1	2506	2346	1979	190	286	12 5	0 0.03	1.98	5	
10650147	10650146	2.47	62 3-	1/0 ACSR 6/1	2134	1971	1647	187	279	11 5	0 0.21	2.07	36	
10650148	10650147	2.54	60 3-	1/0 ACSR 6/1	2084	1922	1604	187	268	11 5	0 0.03	2.08	6	
10650149	10650148	2.64	58 3-	1/0 ACSR 6/1	2025	1864	1554	186	255	10 5	0 0.04	2.10	7	
10750061	10650149	2.82	50 3-	1/0 ACSR 6/1	1920	1760	1466	185	229	9 4	0 0.08	2.13	13	
10750062	10750061	2.98	49 3-	1/0 ACSR 6/1	1838	1681	1397	185	227	9 4	0 0.07	2.15	11	
10750114	10750062	3.16	37 1-	2 ACSR 6/1	0	0	1311	183	194	24 14	0 0.13	2.24	20	
10750115	10750114	3.28	37 1-	2 ACSR 6/1	0	0	1260	182	194	24 14	0 0.08	2.33	13	
10750085	10750115	3.34	4 1-	2 ACSR 6/1	0	0	1239	182	26	3 2	0 0.00	2.33	0	
10750096	10750085	3.36	2 1-	2 ACSR 6/1	0	0	1229	182	13	1 1	0 0.00	2.33	0	
10750098	10750096	3.45	1 1-	2 ACSR 6/1	0	0	1195	181	9	1 1	0 0.00	2.33	0	
10750097	10750096	3.39	1 1-	2 ACSR 6/1	0	0	1217	181	4	0 0	0 0.00	2.33	0	
10750084	10750115	3.33	32 1-	2 ACSR 6/1	0	0	1242	182	168	21 12	0 0.03	2.35	4	
10-75-P079-B	10750084	3.33	32 1-	Closed	0	0	1242	182	168	21 0	0 0.00	2.35	0	
10-75-P079-A	10-75-P079-B	3.33	32 1-	Closed	0	0	1242	182	168	21 0	0 0.00	2.35	0	
10750099	10-75-P079-A	3.38	32 1-	2 ACSR 6/1	0	0	1222	182	168	21 12	0 0.03	2.38	4	
10750088	10750099	3.42	29 1-	2 ACSR 6/1	0	0	1206	181	153	19 11	0 0.02	2.40	3	
10750089	10750088	3.48	25 1-	2 ACSR 6/1	0	0	1182	181	130	16 9	0 0.03	2.43	3	
10750091	10750089	3.52	12 1-	2 ACSR 6/1	0	0	1167	180	48	6 3	0 0.01	2.44	0	
10750093	10750091	3.55	11 1-	2 ACSR 6/1	0	0	1160	180	45	5 3	0 0.00	2.44	0	
10750094	10750093	3.64	9 1-	2 ACSR 6/1	0	0	1129	180	37	4 3	0 0.01	2.46	0	
10750050	10750094	3.73	8 1-	2 ACSR 6/1	0	0	1098	179	30	3 2	0 0.01	2.47	0	
10850006	10750050	3.79	7 1-	2 ACSR 6/1	0	0	1079	178	28	3 2	0 0.01	2.47	0	
10850011	10850006	3.84	2 1-	2 ACSR 6/1	0	0	1064	178	10	1 1	0 0.00	2.47	0	
10850007	10850006	4.10	5 1-	2 ACSR 6/1	0	0	992	176	18	2 1	0 0.02	2.49	0	
10850009	10850007	4.16	4 1-	2 ACSR 6/1	0	0	976	176	13	1 1	0 0.00	2.49	0	
10850010	10850009	4.46	1 1-	2 ACSR 6/1	0	0	905	174	7	0 1	0 0.00	2.50	0	
10850008	10850007	4.14	1 1-	2 ACSR 6/1	0	0	982	176	4	0 0	0 0.00	2.49	0	
10750095	10750094	3.78	1 1-	2 ACSR 6/1	0	0	1083	179	8	0 1	0 0.00	2.46	0	
10750092	10750091	3.56	1 1-	2 ACSR 6/1	0	0	1155	180	3	0 0	0 0.00	2.44	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10750090	10750089	3.70	11 1-	2 ACSR 6/1	0	0	1109	179	67	8	5	0.05	2.48	3
10740039	10750090	3.75	0 1-	2 ACSR 6/1	0	0	1093	179	0	0	0	0.00	2.48	0
10740024	10750090	3.79	11 1-	2 ACSR 6/1	0	0	1080	178	67	8	5	0.02	2.51	1
D10-74-P021	10740024	3.79	10 1-	FUS	0	0	1080	178	56	7	162	0.00	2.51	0
10740043	D10-74-P021	3.89	10 1-	2 ACSR 6/1	0	0	1051	178	56	7	4	0.02	2.52	0
10740040	10740043	3.93	8 1-	2 ACSR 6/1	0	0	1036	177	34	4	2	0.01	2.53	0
10840014	10740040	3.99	7 1-	2 ACSR 6/1	0	0	1022	177	28	3	2	0.01	2.54	0
10840010	10840014	4.04	5 1-	2 ACSR 6/1	0	0	1007	177	22	2	2	0.00	2.54	0
10840011	10840010	4.20	3 1-	2 ACSR 6/1	0	0	965	175	19	2	1	0.01	2.55	0
10840009	10840011	4.45	3 1-	2 ACSR 6/1	0	0	907	174	19	2	1	0.02	2.57	0
10740025	10840009	4.56	1 1-	2 ACSR 6/1	0	0	883	173	3	0	0	0.00	2.57	0
10740031	10740025	4.66	0 1-	2 ACSR 6/1	0	0	862	172	0	0	0	0.00	2.57	0
10740030	10740025	4.70	1 1-	2 ACSR 6/1	0	0	855	172	3	0	0	0.00	2.57	0
10740028	10840009	4.52	2 1-	2 ACSR 6/1	0	0	891	173	16	2	1	0.00	2.57	0
10740029	10740028	4.67	1 1-	2 ACSR 6/1	0	0	860	172	11	1	1	0.00	2.58	0
10840008	10840011	4.35	0 1-	2 ACSR 6/1	0	0	929	174	0	0	0	0.00	2.55	0
10840012	10840014	4.03	2 1-	2 ACSR 6/1	0	0	1009	177	6	0	0	0.00	2.54	0
10840013	10740040	3.99	1 1-	2 ACSR 6/1	0	0	1021	177	6	0	0	0.00	2.53	0
10740026	10740043	3.96	1 1-	2 ACSR 6/1	0	0	1029	177	8	1	1	0.00	2.53	0
10740027	10740024	3.83	1 1-	2 ACSR 6/1	0	0	1066	178	12	1	1	0.00	2.51	0
10750100	10750088	3.50	0 1-	2 ACSR 6/1	0	0	1177	181	0	0	0	0.00	2.40	0
10750048	10750062	3.09	12 1-	2 ACSR 6/1	0	0	1343	184	33	4	2	0.01	4.04	0
D10-75-P096	10750048	3.11	6 1-	2 ACSR 6/1	0	0	1332	184	21	2	1	0.00	4.04	0
10750049	10750049	3.11	6 1-	FUS	0	0	1332	184	21	2	61	0.00	4.04	0
10750101	D10-75-P096	3.48	6 1-	2 ACSR 6/1	0	0	1185	181	21	2	1	0.03	4.06	0
10740032	10750101	3.51	6 1-	2 ACSR 6/1	0	0	1171	181	21	2	1	0.00	4.07	0
10740034	10740032	3.57	3 1-	2 ACSR 6/1	0	0	1151	180	3	0	0	0.00	4.07	0
10740035	10740034	3.69	2 1-	2 ACSR 6/1	0	0	1112	179	3	0	0	0.00	4.07	0
10740037	10740035	3.73	2 1-	2 ACSR 6/1	0	0	1098	179	3	0	0	0.00	4.07	0
10740038	10740037	4.15	1 1-	2 ACSR 6/1	0	0	977	176	2	0	0	0.00	4.07	0
10640038	10740038	4.22	0 1-	2 ACSR 6/1	0	0	960	175	0	0	0	0.00	4.07	0
10640040	10640038	4.47	0 1-	2 ACSR 6/1	0	0	902	174	0	0	0	0.00	4.07	0
10640039	10640038	4.61	0 1-	2 ACSR 6/1	0	0	872	173	0	0	0	0.00	4.07	0
10740036	10740035	3.74	0 1-	2 ACSR 6/1	0	0	1096	179	0	0	0	0.00	4.07	0
10740033	10740032	3.58	3 1-	2 ACSR 6/1	0	0	1150	180	17	2	1	0.00	4.07	0
10740044	10740033	3.65	2 1-	2 ACSR 6/1	0	0	1125	180	12	1	1	0.00	4.07	0
10750063	10750048	3.21	6 1-	2 ACSR 6/1	0	0	1291	183	13	1	1	0.01	4.04	0
10750064	10750063	3.25	6 1-	2 ACSR 6/1	0	0	1273	183	13	1	1	0.00	4.04	0
10750065	10750064	3.28	5 1-	2 ACSR 6/1	0	0	1261	182	9	1	1	0.00	4.04	0
10750066	10750065	3.31	5 1-	2 ACSR 6/1	0	0	1247	182	9	1	1	0.00	4.04	0
10750067	10750066	3.40	3 1-	2 ACSR 6/1	0	0	1213	181	4	0	0	0.00	4.05	0
10750058	10650149	2.67	2 1-	2 ACSR 6/1	0	0	1534	186	8	1	1	0.00	3.96	0
10750059	10750058	2.72	0 1-	2 ACSR 6/1	0	0	1506	186	0	0	0	0.00	3.96	0
10750060	10750059	2.96	0 1-	2 ACSR 6/1	0	0	1382	184	0	0	0	0.00	3.96	0
10750057	10650149	2.69	6 1-	2 ACSR 6/1	0	0	1524	186	18	2	1	0.00	3.96	0
10650150	10650171	1.88	598 3-	4/0 ACSR 6/1	2602	2445	2067	191	3386	143	42	0.02	1.99	88
10650198	10650150	1.92	3 1-	2 ACSR 6/1	0	0	2020	190	11	1	1	0.00	3.84	0
10650199	10650198	1.98	2 1-	2 ACSR 6/1	0	0	1966	190	9	1	1	0.00	3.84	0
10650142	10650199	2.03	1 1-	2 ACSR 6/1	0	0	1926	189	3	0	0	0.00	3.84	0
10650143	10650150	1.96	594 3-	4/0 ACSR 6/1	2542	2385	2007	190	3370	143	42	0.06	2.07	264
10650144	10650143	2.02	1 1-	2 ACSR 6/1	0	0	1946	190	0	0	0	0.00	4.00	0
10650151	10650143	2.05	591 3-	4/0 ACSR 6/1	2478	2321	1944	190	3353	142	42	0.07	2.16	293

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10650153	10650151	2.12	589 3-	4/0 ACSR 6/1	2432	2275	1899	190	3349	142	42	0.05	2.23	220
10650173	10650153	2.17	3 1-	2 ACSR 6/1	0	0	1855	189	8	1	1	0.00	1.82	0
10650174	10650173	2.28	1 1-	2 ACSR 6/1	0	0	1767	188	5	0	0	0.00	1.82	0
10650092	10650153	2.19	586 3-	4/0 ACSR 6/1	2382	2224	1851	190	3339	142	42	0.06	2.31	249
10650096	10650092	2.26	586 3-	4/0 ACSR 6/1	2340	2183	1811	189	3337	142	42	0.05	2.38	213
10650098	10650096	2.52	574 3-	4/0 ACSR 6/1	2190	2034	1670	188	3282	140	41	0.20	2.64	805
10650099	10650098	2.70	531 3-	4/0 ACSR 6/1	2096	1942	1584	188	3056	130	38	0.08	2.81	490
10650177	10650099	2.74	10 3-	4/0 ACSR 6/1	2074	1921	1565	188	106	4	1	0.00	2.81	0
10650181	10650177	2.80	3 3-	4/0 ACSR 6/1	2048	1895	1541	187	59	2	1	0.00	2.81	0
10650178	10650177	2.80	6 1-	2 ACSR 6/1	0	0	1535	187	42	5	3	0.01	5.46	0
10650101	10650178	2.86	5 1-	2 ACSR 6/1	0	0	1496	187	28	3	2	0.01	5.47	0
10650183	10650101	2.94	4 1-	2 ACSR 6/1	0	0	1455	186	26	3	2	0.00	5.47	0
10650180	10650101	2.92	1 1-	2 ACSR 6/1	0	0	1466	186	2	0	0	0.00	5.47	0
10650179	10650178	2.83	1 1-	2 ACSR 6/1	0	0	1514	187	14	1	1	0.00	5.46	0
10650169	10650099	2.80	521 3-	4/0 ACSR 6/1	2046	1894	1540	187	2946	126	37	0.04	2.90	253
10650182	10650169	2.87	517 3-	4/0 ACSR 6/1	2015	1863	1512	187	2930	125	37	0.03	2.96	168
10650100	10650182	3.18	510 3-	4/0 ACSR 6/1	1883	1735	1396	186	2894	124	37	0.12	3.22	743
10550138	10650100	3.25	2 1-	2 ACSR 6/1	0	0	1362	186	6	0	0	0.00	6.25	0
10550089	10650100	3.30	508 3-	4/0 ACSR 6/1	1835	1689	1354	186	2881	123	36	0.05	3.32	294
C10-55-P25	10550089	3.30	0 3-	Capacitor	1835	1689	1354	186	0	-13	0	0.00	3.32	0
10550090	10550089	3.35	508 3-	4/0 ACSR 6/1	1815	1670	1337	186	2879	124	37	0.03	3.37	127
10550139	10550090	3.44	3 1-	2 ACSR 6/1	0	0	1301	185	11	1	1	0.00	6.55	0
10550140	10550139	3.48	2 1-	2 ACSR 6/1	0	0	1282	185	10	1	1	0.00	6.55	0
10550174	10550090	3.37	505 3-	4/0 ACSR 6/1	1808	1663	1331	185	2866	123	36	0.01	3.39	47
10550175	10550174	3.41	505 3-	4/0 ACSR 6/1	1793	1649	1319	185	2865	123	36	0.02	3.43	93
10550126	10550175	3.50	2 3-	15 KV 2 URD XLP	1763	1618	1296	435	676	30	18	0.07	3.50	44
10540230	10550126	3.50	2 3-	Consumer	1763	1618	1296	435	675	30	0	0.00	3.50	0
10550201	10550175	3.49	503 3-	4/0 ACSR 6/1	1764	1621	1294	185	2189	94	28	0.02	3.48	120
10550176	10550201	3.53	502 3-	4/0 ACSR 6/1	1748	1606	1281	185	2163	93	27	0.01	3.51	65
10550217	10550176	3.67	502 3-	4/0 ACSR 6/1	1702	1561	1241	184	2162	93	27	0.03	3.60	202
10540055	10550217	3.68	4 3-	2 ACSR 6/1	1696	1556	1237	184	16	0	0	0.00	3.60	0
D10-54-P062	10540055	3.68	4 3-	FUS	1696	1556	1237	184	16	0	16	0.00	3.60	0
10540050	D10-54-P062	3.77	4 3-	2 ACSR 6/1	1655	1514	1205	184	16	0	0	0.00	3.60	0
10550179	10540050	3.90	0 1-	2 ACSR 6/1	0	0	1159	183	0	0	0	0.00	2.55	0
10550177	10540050	3.80	3 3-	2 ACSR 6/1	1638	1497	1192	183	10	0	0	0.00	3.60	0
10550178	10550177	3.87	2 1-	2 ACSR 6/1	0	0	1170	183	10	1	1	0.00	7.05	0
10540029	10550217	3.73	498 3-	4/0 ACSR 6/1	1681	1541	1224	184	2144	92	27	0.01	3.64	92
10540026	10540029	3.82	32 3-	2 ACSR 6/1	1642	1502	1194	184	123	5	3	0.00	3.65	2
10540044	10540026	3.84	31 3-	2 ACSR 6/1	1630	1490	1185	183	98	4	2	0.00	3.66	0
10540043	10540044	3.86	31 3-	2 ACSR 6/1	1620	1480	1177	183	98	4	2	0.00	3.66	0
10540027	10540043	3.98	3 3-	4/0 ACSR 6/1	1586	1447	1149	183	27	1	0	0.00	3.66	0
10540045	10540027	4.01	2 3-	4/0 ACSR 6/1	1576	1438	1141	183	20	0	0	0.00	3.66	0
10540046	10540045	4.10	1 3-	4/0 ACSR 6/1	1552	1415	1121	182	15	0	0	0.00	3.66	0
10540047	10540046	4.15	0 3-	4/0 ACSR 6/1	1539	1403	1111	182	0	0	0	0.00	3.66	0
10540032	10540043	3.89	28 3-	4/0 ACSR 6/1	1612	1472	1171	183	71	3	1	0.00	3.66	0
D10-54-P021	10540032	3.89	25 1-	REC-70-L	0	0	1171	183	68	9	13	0.00	7.17	0
10540034	D10-54-P021	4.05	25 1-	2 ACSR 6/1	0	0	1118	182	68	9	5	0.04	7.21	2
10540036	10540034	4.09	20 1-	2 ACSR 6/1	0	0	1107	182	58	7	4	0.01	7.22	0
10540037	10540036	4.12	19 1-	2 ACSR 6/1	0	0	1098	181	55	7	4	0.01	7.23	0
10540056	10540037	4.15	18 1-	2 ACSR 6/1	0	0	1089	181	51	6	4	0.01	7.23	0
10540040	10540056	4.24	13 1-	2 ACSR 6/1	0	0	1061	180	36	4	3	0.01	7.24	0
10540033	10540040	4.29	6 1-	2 ACSR 6/1	0	0	1049	180	22	2	2	0.00	7.25	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10540048	10540033	4.42	5 1-	2 ACSR 6/1	0	0	1012	179	20	2	1	0.01	7.26	0
10540051	10540048	4.51	2 1-	2 ACSR 6/1	0	0	989	178	13	1	1	0.00	7.26	0
10540049	10540048	4.48	2 1-	2 ACSR 6/1	0	0	996	179	1	0	0	0.00	7.26	0
10540042	10540049	4.55	0 1-	2 ACSR 6/1	0	0	980	178	0	0	0	0.00	7.26	0
10540030	10540048	4.55	1 1-	2 ACSR 6/1	0	0	979	178	7	0	0	0.00	7.26	0
10440046	10540030	4.97	1 1-	2 ACSR 6/1	0	0	884	175	7	0	0	0.01	7.26	0
10540041	10540040	4.33	1 1-	2 ACSR 6/1	0	0	1036	180	3	0	0	0.00	7.24	0
10540039	10540056	4.23	2 1-	2 ACSR 6/1	0	0	1065	181	4	0	0	0.00	7.23	0
10540053	10540039	4.26	1 1-	2 ACSR 6/1	0	0	1056	180	0	0	0	0.00	7.23	0
10540035	10540034	4.11	2 1-	2 ACSR 6/1	0	0	1100	181	3	0	0	0.00	7.21	0
10540038	10540029	3.80	1 1-	2 ACSR 6/1	0	0	1199	184	1	0	0	0.00	1.23	0
10540028	10540029	3.84	465 3-	4/0 ACSR 6/1	1649	1510	1197	184	2020	87	26	0.03	3.70	129
D10-55-P138	10540028	3.84	44 1-	REC-70-L	0	0	1197	184	156	20	30	0.00	7.27	0
10550088	D10-55-P138	3.85	44 1-	2 ACSR 6/1	0	0	1190	184	156	20	12	0.01	7.28	1
10550181	10550088	3.90	43 1-	2 ACSR 6/1	0	0	1174	183	155	20	12	0.03	7.31	3
10550169	10550181	3.95	41 1-	2 ACSR 6/1	0	0	1158	183	153	20	11	0.03	7.34	3
10550171	10550169	3.98	40 1-	2 ACSR 6/1	0	0	1149	183	149	19	11	0.02	7.35	2
10550172	10550171	4.07	39 1-	2 ACSR 6/1	0	0	1120	182	146	19	11	0.05	7.40	6
10450075	10550172	4.13	37 1-	2 ACSR 6/1	0	0	1101	182	143	19	11	0.03	7.43	4
10450076	10450075	4.16	37 1-	2 ACSR 6/1	0	0	1091	181	143	19	11	0.02	7.45	2
10450078	10450076	4.19	36 1-	2 ACSR 6/1	0	0	1082	181	138	18	10	0.02	7.47	2
10450079	10450078	4.23	35 1-	2 ACSR 6/1	0	0	1072	181	136	18	10	0.02	7.49	2
10450080	10450079	4.30	3 1-	2 ACSR 6/1	0	0	1050	180	12	1	1	0.00	7.49	0
10450091	10450080	4.36	1 1-	2 ACSR 6/1	0	0	1033	180	3	0	0	0.00	7.49	0
10450081	10450091	4.43	0 1-	2 ACSR 6/1	0	0	1015	179	0	0	0	0.00	7.49	0
10450082	10450079	4.25	32 1-	2 ACSR 6/1	0	0	1066	181	123	16	9	0.01	7.49	0
10450083	10450082	4.34	30 1-	2 ACSR 6/1	0	0	1040	180	117	15	9	0.04	7.54	4
10450099	10450083	4.39	29 1-	2 ACSR 6/1	0	0	1027	180	113	15	8	0.02	7.56	2
10450100	10450099	4.43	28 1-	2 ACSR 6/1	0	0	1016	179	104	13	8	0.02	7.57	1
10450090	10450100	4.53	21 1-	2 ACSR 6/1	0	0	989	179	80	10	6	0.03	7.60	2
10450096	10450090	4.58	11 1-	2 ACSR 6/1	0	0	977	178	31	4	2	0.00	7.61	0
10450066	10450096	4.63	7 1-	2 ACSR 6/1	0	0	966	178	21	2	2	0.00	7.61	0
10450067	10450066	4.75	2 1-	2 ACSR 6/1	0	0	936	177	9	1	1	0.00	7.61	0
10450068	10450067	4.81	1 1-	2 ACSR 6/1	0	0	923	176	2	0	0	0.00	7.61	0
10450069	10450067	4.89	1 1-	2 ACSR 6/1	0	0	906	176	7	0	1	0.00	7.62	0
10450070	10450069	5.00	1 1-	2 ACSR 6/1	0	0	882	175	7	0	1	0.00	7.62	0
10450071	10450066	4.76	3 1-	2 ACSR 6/1	0	0	935	177	7	0	1	0.00	7.61	0
10450072	10450071	4.79	2 1-	2 ACSR 6/1	0	0	928	177	5	0	0	0.00	7.61	0
10450074	10450072	4.88	1 1-	2 ACSR 6/1	0	0	909	176	2	0	0	0.00	7.61	0
10450073	10450072	4.84	1 1-	2 ACSR 6/1	0	0	916	176	3	0	0	0.00	7.61	0
10450065	10450096	4.67	1 1-	2 ACSR 6/1	0	0	956	178	2	0	0	0.00	7.61	0
10450092	10450090	4.56	8 1-	2 ACSR 6/1	0	0	981	178	41	5	3	0.00	7.61	0
10450093	10450092	4.60	6 1-	2 ACSR 6/1	0	0	972	178	31	4	2	0.00	7.61	0
10450094	10450093	4.70	2 1-	2 ACSR 6/1	0	0	947	177	15	1	1	0.00	7.61	0
10450095	10450094	4.74	1 1-	2 ACSR 6/1	0	0	939	177	7	0	0	0.00	7.61	0
10450088	10450100	4.48	3 1-	2 ACSR 6/1	0	0	1003	179	13	1	1	0.00	7.57	0
10450089	10450088	4.59	1 1-	2 ACSR 6/1	0	0	973	178	7	0	1	0.00	7.58	0
10450087	10450100	4.58	1 1-	2 ACSR 6/1	0	0	976	178	2	0	0	0.00	7.57	0
10450085	10450100	4.50	1 1-	2 ACSR 6/1	0	0	998	179	5	0	0	0.00	7.57	0
10450086	10450100	4.64	1 1-	2 ACSR 6/1	0	0	962	178	4	0	0	0.00	7.57	0
10450084	10450083	4.40	1 1-	2 ACSR 6/1	0	0	1023	180	4	0	0	0.00	7.54	0
10450077	10450076	4.23	1 1-	2 ACSR 6/1	0	0	1070	181	5	0	0	0.00	7.45	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10550170	10550169	4.02	1 1-	2 ACSR 6/1	0	0	1136	182	4	0	0	0.00	7.34	0
10550180	10550088	3.92	1 1-	2 ACSR 6/1	0	0	1169	183	1	0	0	0.00	7.28	0
10550182	10540028	4.00	421 3-	4/0 ACSR 6/1	1600	1464	1157	183	1862	80	24	0.07	3.79	165
10440049	10550182	4.05	417 3-	4/0 ACSR 6/1	1584	1448	1143	183	1855	80	24	0.02	3.82	56
D10-44-P072	10440049	4.05	9 1-	FUS	0	0	1143	183	18	2	56	0.00	7.51	0
10440035	D10-44-P072	4.08	9 1-	2 ACSR 6/1	0	0	1135	183	18	2	1	0.00	7.51	0
10440036	10440035	4.12	5 1-	2 ACSR 6/1	0	0	1121	183	12	1	1	0.00	7.51	0
10440037	10440036	4.14	4 1-	2 ACSR 6/1	0	0	1114	182	11	1	1	0.00	7.51	0
10440039	10440037	4.22	1 1-	2 ACSR 6/1	0	0	1093	182	4	0	0	0.00	7.51	0
10440038	10440037	4.18	2 1-	2 ACSR 6/1	0	0	1103	182	7	0	0	0.00	7.51	0
10440025	10440049	4.33	407 3-	4/0 ACSR 6/1	1509	1377	1082	182	1835	79	23	0.12	3.97	270
10440040	10440025	4.44	4 1-	2 ACSR 6/1	0	0	1049	181	12	1	1	0.00	2.82	0
10440052	10440040	4.54	3 1-	2 ACSR 6/1	0	0	1023	181	8	1	1	0.00	2.82	0
D10-44-P019	10440052	4.54	1 1-	FUS	0	0	1023	181	0	0	1	0.00	2.82	0
10440051	D10-44-P019	4.76	1 1-	2 ACSR 6/1	0	0	967	179	0	0	0	0.00	2.82	0
10440028	10440025	4.47	403 3-	4/0 ACSR 6/1	1472	1342	1052	182	1821	78	23	0.06	4.05	142
D10-44-P082	10440028	4.47	38 1-	REC-70-L	0	0	1052	182	166	21	31	0.00	2.87	0
10440029	D10-44-P082	4.94	38 1-	2 ACSR 6/1	0	0	935	178	166	21	12	0.29	3.16	38
10440030	10440029	5.03	37 1-	2 ACSR 6/1	0	0	916	177	166	21	12	0.05	3.22	7
10440026	10440030	5.51	36 1-	2 ACSR 6/1	0	0	823	174	161	20	12	0.28	3.50	36
10350019	10440026	5.61	36 1-	2 ACSR 6/1	0	0	806	173	160	20	12	0.06	3.55	7
10350015	10350019	5.69	35 1-	2 ACSR 6/1	0	0	792	173	157	20	11	0.05	3.60	6
10350016	10350015	5.77	34 1-	2 ACSR 6/1	0	0	779	172	155	20	11	0.05	3.65	6
10350021	10350016	5.88	32 1-	2 ACSR 6/1	0	0	762	171	151	19	11	0.06	3.70	7
10350022	10350021	5.96	31 1-	2 ACSR 6/1	0	0	750	171	145	18	10	0.04	3.75	5
10350014	10350022	6.01	1 1-	2 ACSR 6/1	0	0	743	170	6	0	0	0.00	3.75	0
10350013	10350022	6.20	29 1-	2 ACSR 6/1	0	0	716	169	134	17	10	0.12	3.87	13
10340041	10350013	6.53	14 1-	2 ACSR 6/1	0	0	673	167	85	11	6	0.10	3.97	7
10340044	10340041	6.69	2 1-	2 ACSR 6/1	0	0	655	166	13	1	1	0.00	3.97	0
10340042	10340041	6.59	12 1-	2 ACSR 6/1	0	0	666	166	72	9	5	0.02	3.99	0
10340020	10340042	6.69	11 1-	2 ACSR 6/1	0	0	654	166	67	8	5	0.03	4.01	1
10340039	10340020	6.85	3 1-	2 ACSR 6/1	0	0	636	165	23	2	2	0.01	4.02	0
10340040	10340039	6.91	2 1-	2 ACSR 6/1	0	0	629	164	16	2	1	0.00	4.02	0
10340038	10340040	6.98	1 1-	2 ACSR 6/1	0	0	622	164	8	1	1	0.00	4.03	0
10340021	10340020	6.98	8 1-	2 ACSR 6/1	0	0	622	164	44	5	3	0.04	4.05	2
10340022	10340021	7.01	7 1-	2 ACSR 6/1	0	0	619	164	40	5	3	0.01	4.06	0
10340025	10340022	7.06	1 1-	2 ACSR 6/1	0	0	614	163	4	0	0	0.00	4.06	0
10340023	10340022	7.07	1 1-	2 ACSR 6/1	0	0	613	163	9	1	1	0.00	4.06	0
10340015	10340022	7.06	5 1-	2 ACSR 6/1	0	0	614	163	27	3	2	0.01	4.06	0
10340026	10340015	7.15	1 1-	2 ACSR 6/1	0	0	605	163	9	1	1	0.00	4.07	0
10340024	10340015	7.10	4 1-	2 ACSR 6/1	0	0	610	163	19	2	1	0.00	4.07	0
10340028	10340024	7.14	3 1-	2 ACSR 6/1	0	0	606	163	14	1	1	0.00	4.07	0
10340030	10340028	7.21	2 1-	2 ACSR 6/1	0	0	599	162	10	1	1	0.00	4.07	0
10340031	10340030	7.43	1 1-	2 ACSR 6/1	0	0	578	161	7	0	1	0.00	4.07	0
10340029	10340028	7.19	1 1-	2 ACSR 6/1	0	0	601	162	4	0	0	0.00	4.07	0
10340016	10350013	6.29	15 1-	2 ACSR 6/1	0	0	703	168	49	6	4	0.02	3.88	0
10340019	10340016	6.35	1 1-	2 ACSR 6/1	0	0	696	168	6	0	0	0.00	3.88	0
10340027	10340019	6.37	1 1-	2 ACSR 6/1	0	0	693	168	6	0	0	0.00	3.88	0
10340017	10340016	6.39	13 1-	2 ACSR 6/1	0	0	691	168	42	5	3	0.02	3.90	0
10340043	10340017	6.47	12 1-	2 ACSR 6/1	0	0	681	167	40	5	3	0.01	3.91	0
10240026	10340043	6.52	1 1-	2 ACSR 6/1	0	0	675	167	0	0	0	0.00	3.91	0
10240025	10340043	6.66	11 1-	2 ACSR 6/1	0	0	658	166	40	5	3	0.03	3.93	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10240017	10240025	6.75	9 1-	2 ACSR 6/1	0	0	647	165	25	3	2	0.01	3.94	0
10240021	10240017	6.84	5 1-	2 ACSR 6/1	0	0	637	165	5	0	0	0.00	3.94	0
10240022	10240021	7.01	3 1-	2 ACSR 6/1	0	0	620	164	4	0	0	0.00	3.95	0
10240024	10240021	7.30	0 1-	2 ACSR 6/1	0	0	591	162	0	0	0	0.00	3.95	0
10240023	10240022	7.10	1 1-	2 ACSR 6/1	0	0	610	163	1	0	0	0.00	3.95	0
10240018	10240017	6.83	3 1-	2 ACSR 6/1	0	0	638	165	18	2	1	0.01	3.95	0
10240020	10240018	6.90	1 1-	2 ACSR 6/1	0	0	631	164	4	0	0	0.00	3.95	0
10240019	10240018	6.87	1 1-	2 ACSR 6/1	0	0	635	165	11	1	1	0.00	3.95	0
10240016	10240025	6.74	1 1-	2 ACSR 6/1	0	0	649	165	5	0	0	0.00	3.94	0
10340018	10340017	6.48	1 1-	2 ACSR 6/1	0	0	679	167	2	0	0	0.00	3.90	0
10350020	10350016	5.81	1 1-	2 ACSR 6/1	0	0	772	172	3	0	0	0.00	3.65	0
10350017	10440026	5.71	0 1-	2 ACSR 6/1	0	0	789	172	0	0	0	0.00	3.50	0
10350018	10350017	5.72	0 1-	2 ACSR 6/1	0	0	787	172	0	0	0	0.00	3.50	0
10-35-P011-B	10350018	5.72	0 1-	Closed	0	0	787	172	0	0	0	0.00	3.50	0
10-35-P011-A	10-35-P011-B	5.72	0 1-	Closed	0	0	787	172	0	0	0	0.00	3.50	0
10350012	10-35-P011-A	5.91	0 1-	2 ACSR 6/1	0	0	757	171	0	0	0	0.00	3.50	0
10440045	10440030	5.10	1 1-	2 ACSR 6/1	0	0	902	177	5	0	0	0.00	3.22	0
10440041	10440029	5.03	1 1-	2 ACSR 6/1	0	0	916	177	0	0	0	0.00	3.16	0
10440044	10440041	5.11	0 1-	2 ACSR 6/1	0	0	899	177	0	0	0	0.00	3.16	0
10440043	10440041	5.14	0 1-	2 ACSR 6/1	0	0	893	177	0	0	0	0.00	3.16	0
10440027	10440028	4.66	365 3-	4/0 ACSR 6/1	1425	1298	1015	181	1653	71	21	0.03	4.14	156
10440048	10440027	4.92	365 3-	4/0 ACSR 6/1	1367	1244	969	180	1652	71	21	0.04	4.26	210
10440042	10440048	5.63	364 3-	4/0 ACSR 6/1	1230	1115	862	178	1649	71	21	0.11	4.59	576
10430051	10440042	6.02	364 3-	4/0 ACSR 6/1	1165	1055	812	176	1644	71	21	0.06	4.77	317
SW28-A	10430051	6.02	364 3-	Closed	1165	1055	812	176	1641	71	0	0.00	4.77	0
SW28-B	SW28-A	6.02	364 3-	Closed	1165	1055	812	176	1641	71	0	0.00	4.77	0
OH27	SW28-B	6.10	364 3-	4/0 ACSR 6/1	1153	1044	803	176	1641	71	21	0.01	4.80	63
10430050	OH27	6.14	0 3-	1/0 ACSR 6/1	1146	1037	798	176	0	0	0	0.00	4.80	0
10-43-P029-B	10430050	6.14	0 3-	Open	1146	1037	798	176	0	0	0	0.00	4.80	0
10430045	OH27	6.17	364 3-	1/0 ACSR 6/1	1141	1032	794	176	1640	71	31	0.04	4.86	103
D10-43-P288	10430045	6.17	7 1-	REC-15-H	0	0	794	176	14	1	12	0.00	3.17	0
10430044	D10-43-P288	6.36	7 1-	2 ACSR 6/1	0	0	765	174	14	1	1	0.01	3.18	0
10430052	10430044	6.73	6 1-	2 ACSR 6/1	0	0	713	172	11	1	1	0.01	3.19	0
10430046	10430044	6.45	1 1-	2 ACSR 6/1	0	0	752	174	3	0	0	0.00	3.19	0
10-43-P043-B	10430046	6.45	1 1-	Closed	0	0	752	174	3	0	0	0.00	3.19	0
10-43-P043-A	10-43-P043-B	6.45	1 1-	Closed	0	0	752	174	3	0	0	0.00	3.19	0
10430048	10-43-P043-A	6.47	1 1-	2 ACSR 6/1	0	0	748	173	3	0	0	0.00	3.19	0
10430053	10430048	6.78	1 1-	2 ACSR 6/1	0	0	707	171	3	0	0	0.00	3.19	0
10430049	10430048	6.49	0 1-	2 ACSR 6/1	0	0	746	173	0	0	0	0.00	3.19	0
10430097	10430045	6.20	357 3-	1/0 ACSR 6/1	1134	1025	790	176	1625	71	31	0.02	4.90	53
C10-43-P27	10430097	6.20	0 3-	Capacitor	1134	1025	790	176	0	-13	0	0.00	4.90	0
10430098	10430097	6.28	357 3-	1/0 ACSR 6/1	1118	1010	779	175	1625	71	31	0.06	4.99	132
10430057	10430098	6.53	356 3-	1/0 ACSR 6/1	1074	968	748	174	1621	71	31	0.19	5.27	395
10430059	10430057	6.62	355 3-	1/0 ACSR 6/1	1058	953	737	173	1615	71	31	0.07	5.37	145
10430060	10430059	6.65	348 3-	1/0 ACSR 6/1	1053	949	734	173	1533	67	29	0.02	5.40	39
10430066	10430060	6.68	345 3-	1/0 ACSR 6/1	1048	944	730	173	1527	67	29	0.02	5.43	46
D10-43-P086	10430066	6.68	342 3-	REC-100-4H	1048	944	730	173	1518	67	67	0.00	5.43	0
10430067	D10-43-P086	6.73	342 3-	1/0 ACSR 6/1	1040	937	725	173	1518	67	29	0.03	5.48	66
10430068	10430067	6.79	1 1-	2 ACSR 6/1	0	0	716	172	7	0	1	0.00	3.59	0
10430063	10430067	6.79	334 3-	1/0 ACSR 6/1	1030	927	718	173	1488	65	29	0.04	5.54	87
10430065	10430063	6.85	332 3-	1/0 ACSR 6/1	1022	919	712	172	1479	65	29	0.04	5.60	76
10430062	10430065	6.92	1 1-	2 ACSR 6/1	0	0	703	172	2	0	0	0.00	3.67	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROPS	TOTAL DROPS	LINE LOSS
10430061	10430065	6.92	330 3-	1/0 ACSR 6/1	1010		908	704 172	1473	65 28	0.05	5.67	105	
10430064	10430061	7.02	3 1-	2 ACSR 6/1	0		692 171	14	1 1	0.00	3.72	0		
10430084	10430064	7.20	2 1-	2 ACSR 6/1	0		671 170	10	1 1	0.00	3.72	0		
10430056	10430061	7.00	307 3-	1/0 ACSR 6/1	998	896	695 171	1358	60 26	0.05	5.75	93		
10420134	10430056	7.07	1 1-	2 ACSR 6/1	0		687 171	2	0 0	0.00	3.77	0		
10420133	10430056	7.05	299 3-	1/0 ACSR 6/1	990	889	690 171	1338	59 26	0.03	5.79	56		
10420085	10420133	7.10	298 3-	1/0 ACSR 6/1	984	883	686 171	1335	59 26	0.03	5.83	50		
10420146	10420085	7.16	6 3-	1/0 ACSR 6/1	974	875	679 171	15	0 0	0.00	5.83	0		
10420147	10420146	7.20	0 3-	1/0 ACSR 6/1	968	869	675 170	0	0 0	0.00	5.83	0		
10420149	10420085	7.16	1 1-	2 ACSR 6/1	0		678 171	2	0 0	0.00	11.15	0		
10420089	10420085	7.14	5 1-	2 ACSR 6/1	0		680 171	28	3 2	0.00	3.83	0		
10420096	10420089	7.16	2 1-	2 ACSR 6/1	0		677 170	21	2 1	0.00	3.83	0		
10420090	10420089	7.22	3 1-	2 ACSR 6/1	0		671 170	7	0 1	0.00	3.83	0		
10420091	10420090	7.30	2 1-	2 ACSR 6/1	0		662 170	4	0 0	0.00	3.83	0		
10420087	10420085	7.15	3 1-	2 ACSR 6/1	0		679 171	14	1 1	0.00	3.83	0		
10420088	10420087	7.20	2 1-	2 ACSR 6/1	0		674 170	4	0 0	0.00	3.83	0		
10420076	10420088	7.26	1 1-	2 ACSR 6/1	0		666 170	4	0 0	0.00	3.83	0		
10420086	10420085	7.15	282 3-	1/0 ACSR 6/1	975	876	660 171	1274	56 25	0.03	5.88	61		
10420097	10420086	7.18	0 1-	2 ACSR 6/1	0		676 170	0	0 0	0.00	11.24	0		
10420098	10420097	7.33	0 1-	2 ACSR 6/1	0		660 169	0	0 0	0.00	11.24	0		
10420100	10420086	7.21	282 3-	1/0 ACSR 6/1	967	868	674 170	1273	56 25	0.03	5.93	61		
10420101	10420100	7.26	3 1-	2 ACSR 6/1	0		669 170	22	2 2	0.00	3.89	0		
10420104	10420101	7.30	3 1-	2 ACSR 6/1	0		664 170	22	2 2	0.00	3.90	0		
10420122	10420104	7.36	2 1-	2 ACSR 6/1	0		658 169	15	1 1	0.00	3.90	0		
10420099	10420100	7.32	276 3-	1/0 ACSR 6/1	952	853	663 170	1234	54 24	0.05	6.03	110		
10420068	10420099	7.76	276 3-	1/0 ACSR 6/1	894	799	624 168	1233	54 24	0.22	6.40	441		
10420117	10420068	7.79	7 1-	2 ACSR 6/1	0		622 168	20	2 2	0.00	12.15	0		
10420118	10420117	7.84	6 1-	2 ACSR 6/1	0		616 167	12	1 1	0.00	12.15	0		
10420119	10420118	7.88	2 1-	2 ACSR 6/1	0		613 167	4	0 0	0.00	12.15	0		
10420120	10420068	7.83	269 3-	1/0 ACSR 6/1	886	792	619 167	1209	54 23	0.03	6.45	58		
10420121	10420120	7.92	268 3-	1/0 ACSR 6/1	875	781	611 167	1205	53 23	0.05	6.54	93		
10420112	10420121	7.96	27 1-	2 ACSR 6/1	0		607 167	132	18 10	0.02	12.40	2		
10420142	10420112	8.03	1 1-	2 ACSR 6/1	0		601 166	6	0 1	0.00	12.40	0		
10420114	10420112	8.03	21 1-	2 ACSR 6/1	0		601 166	109	15 8	0.03	12.43	2		
10420116	10420114	8.06	0 1-	2 ACSR 6/1	0		598 166	0	0 0	0.00	12.43	0		
10420115	10420114	8.08	20 1-	2 ACSR 6/1	0		596 166	104	14 8	0.02	12.45	2		
10420148	10420115	8.10	3 1-	2 ACSR 6/1	0		594 166	14	1 1	0.00	12.45	0		
10420150	10420148	8.14	2 1-	2 ACSR 6/1	0		590 165	10	1 1	0.00	12.45	0		
10420108	10420115	8.19	17 1-	2 ACSR 6/1	0		586 165	90	12 7	0.04	12.48	3		
10420107	10420108	8.25	11 1-	2 ACSR 6/1	0		580 165	53	7 4	0.01	12.49	0		
10420071	10420107	8.30	9 1-	2 ACSR 6/1	0		576 164	41	5 3	0.01	12.50	0		
10420072	10420071	8.35	4 1-	2 ACSR 6/1	0		572 164	28	3 2	0.00	12.50	0		
10420073	10420072	8.39	1 1-	2 ACSR 6/1	0		569 164	12	1 1	0.00	12.51	0		
10420123	10420108	8.22	3 1-	2 ACSR 6/1	0		583 165	20	2 2	0.00	12.48	0		
10420125	10420123	8.26	2 1-	2 ACSR 6/1	0		580 165	16	2 1	0.00	12.48	0		
10420113	10420112	8.01	3 1-	2 ACSR 6/1	0		603 166	8	1 1	0.00	12.40	0		
10420110	10420121	8.02	1 1-	2 ACSR 6/1	0		601 166	6	0 0	0.00	4.25	0		
10420111	10420110	8.07	0 1-	2 ACSR 6/1	0		597 166	0	0 0	0.00	4.25	0		
10420109	10420121	8.01	238 3-	1/0 ACSR 6/1	865	772	604 166	1055	47 20	0.05	6.60	56		
10420074	10420109	8.04	1 1-	2 ACSR 6/1	0		601 166	5	0 0	0.00	4.30	0		
10420067	10420109	8.14	237 3-	1/0 ACSR 6/1	850	759	594 166	1050	46 20	0.08	6.69	88		
10520084	10420067	8.17	206 3-	1/0 ACSR 6/1	846	755	591 166	905	40 18	0.01	6.71	18		

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10520083	10520084	8.22	204 3-	1/0 ACSR 6/1	841	750	587	165	890	39	17	0.01	6.74	25
10520093	10520083	8.32	201 3-	1/0 ACSR 6/1	831	741	580	165	858	38	17	0.02	6.80	46
10520097	10520093	8.43	4 1-	2 ACSR 6/1	0	0	570	164	12	1	1	0.01	12.79	0
10520098	10520097	8.50	3 1-	2 ACSR 6/1	0	0	564	164	10	1	1	0.00	12.79	0
10520099	10520098	8.54	0 1-	2 ACSR 6/1	0	0	561	164	0	0	0	0.00	12.79	0
10520094	10520093	8.36	1 1-	2 ACSR 6/1	0	0	576	165	5	0	0	0.00	4.42	0
10520081	10520093	8.37	2 1-	2 ACSR 6/1	0	0	576	165	6	0	0	0.00	12.79	0
10520080	10520093	8.38	193 3-	1/0 ACSR 6/1	824	734	575	165	831	37	16	0.01	6.84	31
10-52-P010-A	10520080	8.38	193 3-	Closed	824	734	575	165	831	37	0	0.00	6.84	0
10-52-P010-B	10-52-P010-A	8.38	193 3-	Closed	824	734	575	165	831	37	0	0.00	6.84	0
D10-52-P010	10-52-P010-B	8.38	193 3-	REC-50-4H	824	734	575	165	831	37	75	0.00	6.84	0
10520117	D10-52-P010	8.42	193 3-	1/0 ACSR 6/1	819	730	573	165	831	37	16	0.01	6.86	18
10520103	10520117	8.49	188 3-	1/0 ACSR 6/1	813	724	568	164	805	36	16	0.02	6.90	28
10520105	10520103	8.55	187 3-	1/0 ACSR 6/1	806	718	564	164	798	35	16	0.01	6.93	25
10520106	10520105	8.62	185 3-	1/0 ACSR 6/1	800	712	559	164	776	34	15	0.01	6.97	27
10520107	10520106	8.70	1 1-	2 ACSR 6/1	0	0	552	163	6	0	0	0.00	4.49	0
10520073	10520107	8.75	0 1-	2 ACSR 6/1	0	0	548	163	0	0	0	0.00	4.49	0
10520108	10520107	8.79	1 1-	2 ACSR 6/1	0	0	545	162	6	0	0	0.00	4.49	0
10520109	10520106	8.69	181 3-	1/0 ACSR 6/1	793	706	554	163	761	34	15	0.01	7.00	28
10520110	10520109	8.75	180 3-	1/0 ACSR 6/1	786	700	550	163	755	33	15	0.01	7.04	24
10520064	10520110	8.84	175 3-	1/0 ACSR 6/1	778	692	544	163	721	32	14	0.02	7.08	32
10520065	10520064	8.92	170 3-	1/0 ACSR 6/1	771	685	539	162	701	31	14	0.01	7.12	29
10520071	10520065	8.97	40 1-	2 ACSR 6/1	0	0	535	162	205	28	16	0.04	13.38	7
D10-52-P162	10520071	8.97	38 1-	REC-35-H	0	0	535	162	198	27	80	0.00	13.38	0
10520072	D10-52-P162	9.13	38 1-	2 ACSR 6/1	0	0	524	161	198	27	16	0.12	13.50	21
10520059	10520072	9.21	32 1-	2 ACSR 6/1	0	0	518	160	175	24	14	0.05	13.55	8
10520060	10520059	9.26	30 1-	2 ACSR 6/1	0	0	515	160	163	22	13	0.03	13.59	4
10520087	10520060	9.31	27 1-	2 ACSR 6/1	0	0	511	160	147	20	12	0.03	13.62	4
10520121	10520087	9.35	26 1-	2 ACSR 6/1	0	0	508	159	146	20	11	0.03	13.64	3
D10-52-P136	10520121	9.35	1 1-	FUS	0	0	508	159	7	1	23	0.00	13.64	0
10520124	D10-52-P136	9.42	1 1-	2 ACSR 6/1	0	0	503	159	7	1	1	0.00	13.64	0
10520122	10520124	9.56	0 1-	2 ACSR 6/1	0	0	494	158	0	0	0	0.00	13.64	0
10520123	10520122	9.75	0 1-	2 ACSR 6/1	0	0	482	157	0	0	0	0.00	13.64	0
10520120	10520121	9.40	21 1-	2 ACSR 6/1	0	0	505	159	119	16	9	0.02	13.66	2
10520095	10520120	9.48	18 1-	2 ACSR 6/1	0	0	499	159	104	14	8	0.03	13.69	3
10520090	10520095	9.55	13 1-	2 ACSR 6/1	0	0	495	158	72	10	6	0.02	13.71	1
10520085	10520090	9.59	11 1-	2 ACSR 6/1	0	0	492	158	52	7	4	0.01	13.72	0
10520086	10520085	9.62	6 1-	2 ACSR 6/1	0	0	491	158	33	4	3	0.00	13.72	0
10520096	10520086	9.65	3 1-	2 ACSR 6/1	0	0	489	158	13	1	1	0.00	13.73	0
10530007	10520096	9.73	0 1-	2 ACSR 6/1	0	0	483	157	0	0	0	0.00	13.73	0
10530008	10530007	9.81	0 1-	2 ACSR 6/1	0	0	478	157	0	0	0	0.00	13.73	0
10530005	10520096	9.70	3 1-	2 ACSR 6/1	0	0	486	157	13	1	1	0.00	13.73	0
10530006	10530005	9.72	2 1-	2 ACSR 6/1	0	0	484	157	10	1	1	0.00	13.73	0
10520061	10520086	9.67	2 1-	2 ACSR 6/1	0	0	487	157	14	2	1	0.00	13.73	0
10520091	10520090	9.67	2 1-	2 ACSR 6/1	0	0	487	157	19	2	2	0.01	13.72	0
10520092	10520091	9.71	1 1-	2 ACSR 6/1	0	0	485	157	9	1	1	0.00	13.72	0
10520088	10520095	9.53	2 1-	2 ACSR 6/1	0	0	496	158	15	2	1	0.00	13.70	0
10520089	10520088	9.57	1 1-	2 ACSR 6/1	0	0	494	158	7	1	1	0.00	13.70	0
10520119	10520121	9.44	4 1-	2 ACSR 6/1	0	0	502	159	20	2	2	0.00	13.65	0
10520057	10520072	9.18	5 1-	2 ACSR 6/1	0	0	520	161	15	2	1	0.00	13.51	0
10520058	10520057	9.23	2 1-	2 ACSR 6/1	0	0	517	160	8	1	1	0.00	13.51	0
10520066	10520065	9.00	129 3-	1/0 ACSR 6/1	764	679	534	162	494	21	10	0.03	7.14	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10520069	10520066	9.05	127 3-	1/0 ACSR 6/1	759	674	531	162	484	21	9	0.02	7.16	8
10520070	10520069	9.10	125 3-	1/0 ACSR 6/1	755	671	528	161	481	21	9	0.02	7.18	6
10520074	10520070	9.16	124 3-	1/0 ACSR 6/1	749	665	524	161	478	21	9	0.03	7.20	9
10620061	10520074	9.19	123 3-	1/0 ACSR 6/1	746	663	522	161	474	21	9	0.01	7.21	4
10620070	10620061	9.22	122 3-	1/0 ACSR 6/1	744	661	521	161	472	21	9	0.01	7.22	4
10620072	10620070	9.29	2 1-	2 ACSR 6/1	0	0	516	160	5	0	0	0.00	13.46	0
10620071	10620070	9.36	117 3-	1/0 ACSR 6/1	732	650	513	160	458	20	9	0.05	7.26	17
10620074	10620071	9.39	77 3-	1/0 ACSR 6/1	730	648	511	160	269	11	5	0.02	7.27	2
10620075	10620074	9.43	76 3-	1/0 ACSR 6/1	726	645	509	160	268	11	5	0.02	7.28	3
10620077	10620075	9.53	70 3-	1/0 ACSR 6/1	718	637	503	159	263	11	5	0.05	7.29	8
10620078	10620077	9.60	4 1-	2 ACSR 6/1	0	0	499	159	26	3	2	0.01	3.56	0
10620079	10620078	9.64	2 1-	2 ACSR 6/1	0	0	495	159	17	2	1	0.00	3.56	0
10620080	10620079	9.71	1 1-	2 ACSR 6/1	0	0	491	158	10	1	1	0.00	3.56	0
10620054	10620080	9.77	0 1-	2 ACSR 6/1	0	0	488	158	0	0	0	0.00	3.56	0
10620073	10620080	9.79	1 1-	2 ACSR 6/1	0	0	486	158	10	1	1	0.00	3.56	0
10620081	10620078	9.66	2 1-	2 ACSR 6/1	0	0	494	159	9	1	1	0.00	3.56	0
10620082	10620077	9.61	63 3-	1/0 ACSR 6/1	711	631	498	159	220	9	4	0.04	7.31	6
10620062	10620082	9.64	63 3-	1/0 ACSR 6/1	709	629	497	159	220	9	4	0.01	7.31	2
10620057	10620062	9.71	62 3-	1/0 ACSR 6/1	704	624	493	159	216	9	4	0.03	7.32	5
10620058	10620057	9.75	58 3-	1/0 ACSR 6/1	700	621	491	158	211	9	4	0.02	7.33	3
10620059	10620058	9.81	56 3-	1/0 ACSR 6/1	697	617	488	158	202	8	4	0.03	7.33	4
10620064	10620059	9.91	53 3-	1/0 ACSR 6/1	689	610	483	158	189	8	4	0.05	7.35	7
10620066	10620064	9.96	49 3-	1/0 ACSR 6/1	685	607	480	157	178	7	3	0.02	7.35	3
10620122	10620066	10.06	1 1-	1/0 ACSR 6/1	0	0	475	157	12	1	1	0.00	5.01	0
10620067	10620066	10.00	48 3-	1/0 ACSR 6/1	682	604	478	157	166	7	3	0.02	7.36	2
10620068	10620067	10.04	44 3-	1/0 ACSR 6/1	679	601	476	157	160	6	3	0.02	7.36	2
10620069	10620068	10.07	43 3-	1/0 ACSR 6/1	677	600	475	157	160	6	3	0.01	7.36	1
10620103	10620069	10.15	39 3-	1/0 ACSR 6/1	671	595	471	157	148	6	3	0.03	7.37	3
10620056	10620103	10.22	39 1-	2 ACSR 6/1	0	0	467	156	148	19	11	0.04	5.12	5
D10-62-P031	10620056	10.22	39 1-	REC-25-H	0	0	467	156	148	19	78	0.00	5.12	0
10620119	D10-62-P031	10.30	39 1-	2 ACSR 6/1	0	0	462	156	148	19	11	0.05	5.17	6
10620120	10620119	10.52	39 1-	2 ACSR 6/1	0	0	450	154	148	19	11	0.12	5.29	14
10730008	10620120	10.63	39 1-	2 ACSR 6/1	0	0	444	154	148	19	11	0.06	5.35	7
10730009	10730008	10.67	38 1-	2 ACSR 6/1	0	0	442	153	143	18	10	0.02	5.37	3
10730010	10730009	10.71	38 1-	2 ACSR 6/1	0	0	440	153	143	18	10	0.02	5.39	2
10730011	10730010	10.82	36 1-	2 ACSR 6/1	0	0	435	153	136	17	10	0.05	5.44	6
10730012	10730011	10.86	0 1-	2 ACSR 6/1	0	0	432	152	0	0	0	0.00	5.44	0
10730007	10730011	10.97	36 1-	2 ACSR 6/1	0	0	427	152	136	17	10	0.08	5.52	8
10720008	10730007	11.02	33 1-	2 ACSR 6/1	0	0	425	151	132	17	10	0.02	5.54	3
10720011	10720008	11.12	32 1-	2 ACSR 6/1	0	0	420	151	129	16	9	0.05	5.59	5
10720017	10720011	11.18	31 1-	2 ACSR 6/1	0	0	417	151	125	16	9	0.03	5.62	3
10720018	10720017	11.32	30 1-	2 ACSR 6/1	0	0	411	150	119	15	9	0.06	5.68	6
10720009	10720018	11.44	29 1-	2 ACSR 6/1	0	0	405	149	115	15	8	0.05	5.73	5
10720010	10720009	11.54	28 1-	2 ACSR 6/1	0	0	401	149	112	14	8	0.04	5.77	4
10720013	10720010	11.64	28 1-	2 ACSR 6/1	0	0	397	148	112	14	8	0.04	5.81	4
10720014	10720013	11.69	26 1-	2 ACSR 6/1	0	0	394	148	108	14	8	0.02	5.84	2
10820044	10720014	11.73	3 1-	2 ACSR 6/1	0	0	393	147	5	0	0	0.00	5.84	0
10820041	10720014	11.74	23 1-	2 ACSR 6/1	0	0	392	147	103	13	8	0.02	5.86	2
10820042	10820041	11.78	4 1-	2 ACSR 6/1	0	0	391	147	24	3	2	0.00	5.86	0
10820043	10820042	11.83	3 1-	2 ACSR 6/1	0	0	389	147	24	3	2	0.00	5.86	0
10820045	10820043	11.87	2 1-	2 ACSR 6/1	0	0	387	147	14	1	1	0.00	5.86	0
10820047	10820045	11.96	1 1-	2 ACSR 6/1	0	0	384	146	8	1	1	0.00	5.87	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10820046	10820043	11.86	1 1-	2 ACSR 6/1	0	0	387	147	10	1	1	0.00	5.86	0
10820048	10820041	11.82	19 1-	2 ACSR 6/1	0	0	389	147	79	10	6	0.02	5.88	1
10820049	10820048	11.85	19 1-	2 ACSR 6/1	0	0	388	147	79	10	6	0.01	5.89	0
10820050	10820049	11.95	16 1-	2 ACSR 6/1	0	0	384	146	70	9	5	0.03	5.91	2
D10-82-P016	10820050	11.95	16 1-	FUS	0	0	384	146	70	9	210	0.00	5.91	0
10820051	D10-82-P016	12.00	16 1-	2 ACSR 6/1	0	0	382	146	70	9	5	0.01	5.93	0
10820052	10820051	12.06	14 1-	2 ACSR 6/1	0	0	380	146	64	8	5	0.01	5.94	0
10820053	10820052	12.15	12 1-	2 ACSR 6/1	0	0	376	145	53	6	4	0.02	5.96	0
10820054	10820053	12.20	11 1-	2 ACSR 6/1	0	0	374	145	50	6	4	0.01	5.96	0
10820057	10820054	12.25	10 1-	2 ACSR 6/1	0	0	372	145	49	6	4	0.01	5.97	0
10820063	10820057	12.32	8 1-	2 ACSR 6/1	0	0	369	144	41	5	3	0.01	5.98	0
10820064	10820063	12.55	7 1-	2 ACSR 6/1	0	0	361	143	39	5	3	0.03	6.02	1
10820062	10820064	12.70	5 1-	2 ACSR 6/1	0	0	356	142	18	2	1	0.01	6.03	0
D10-83-P001	10820062	12.70	3 1-	FUS-35	0	0	356	142	12	1	6	0.00	6.03	0
10830007	D10-83-P001	12.76	3 1-	2 ACSR 6/1	0	0	354	142	12	1	1	0.00	6.03	0
10830015	10830007	13.44	1 1-	2 ACSR 6/1	0	0	332	139	5	0	0	0.01	6.04	0
10830014	10830015	14.15	1 1-	2 ACSR 6/1	0	0	312	135	5	0	0	0.01	6.05	0
10830011	10830007	12.80	2 1-	2 ACSR 6/1	0	0	353	142	6	0	0	0.00	6.03	0
10820055	10820064	12.60	2 1-	2 ACSR 6/1	0	0	360	143	21	2	2	0.00	6.02	0
10820056	10820055	12.68	2 1-	2 ACSR 6/1	0	0	357	142	21	2	2	0.01	6.03	0
10820058	10820056	12.85	2 1-	2 ACSR 6/1	0	0	351	142	21	2	2	0.01	6.04	0
10920023	10820058	12.98	1 1-	2 ACSR 6/1	0	0	347	141	11	1	1	0.00	6.04	0
10920022	10820058	12.89	1 1-	2 ACSR 6/1	0	0	350	141	10	1	1	0.00	6.04	0
10720007	10720010	11.61	0 1-	2 ACSR 6/1	0	0	398	148	0	0	0	0.00	5.77	0
10720012	10720011	11.16	1 1-	2 ACSR 6/1	0	0	418	151	4	0	0	0.00	5.59	0
10620098	10620069	10.13	1 3-	1/0 ACSR 6/1	672	595	472	157	6	0	0	0.00	7.36	0
10620065	10620064	9.94	2 1-	2 ACSR 6/1	0	0	481	157	6	0	0	0.00	4.99	0
10620060	10620059	9.99	3 1-	2 ACSR 6/1	0	0	477	157	13	1	1	0.01	4.95	0
10620063	10620060	10.08	1 1-	2 ACSR 6/1	0	0	471	156	3	0	0	0.00	4.95	0
10620076	10620075	9.50	3 1-	2 ACSR 6/1	0	0	504	159	2	0	0	0.00	3.55	0
10620099	10620071	9.38	4 1-	2 ACSR 6/1	0	0	511	160	20	2	1	0.00	3.55	0
10620100	10620099	9.45	1 1-	2 ACSR 6/1	0	0	507	160	2	0	0	0.00	3.56	0
10620102	10620071	9.44	34 1-	2 ACSR-1H	0	0	507	160	156	21	12	0.05	13.57	7
D10-62-P034	10620102	9.44	33 1-	REC-35-H	0	0	507	160	150	21	61	0.00	13.57	0
10620053	D10-62-P034	9.47	33 1-	2 ACSR 6/1	0	0	505	159	150	21	12	0.02	13.59	2
10620104	10620053	9.52	1 1-	2 ACSR 6/1	0	0	502	159	1	0	0	0.00	13.59	0
10620055	10620053	9.51	32 1-	2 ACSR 6/1	0	0	502	159	149	21	12	0.03	13.61	3
D10-62-P035	10620055	9.51	12 1-	FUS-20	0	0	502	159	68	9	54	0.00	13.61	0
10620114	D10-62-P035	9.59	12 1-	2 ACSR 6/1	0	0	497	159	68	9	5	0.02	13.63	1
10620094	10620114	9.67	11 1-	2 ACSR 6/1	0	0	492	158	60	8	5	0.02	13.65	0
10620096	10620094	9.70	9 1-	2 ACSR 6/1	0	0	490	158	50	7	4	0.01	13.66	0
10620115	10620096	9.76	3 1-	2 ACSR 6/1	0	0	487	158	22	3	2	0.00	13.66	0
10620116	10620115	9.79	2 1-	2 ACSR 6/1	0	0	484	157	14	1	1	0.00	13.66	0
10620095	10620116	9.85	1 1-	2 ACSR 6/1	0	0	480	157	2	0	0	0.00	13.66	0
10620097	10620096	9.97	4 1-	2 ACSR 6/1	0	0	473	156	20	2	2	0.02	13.67	0
10630028	10620097	10.19	2 1-	2 ACSR 6/1	0	0	461	155	13	1	1	0.01	13.69	0
10630029	10630028	10.46	2 1-	2 ACSR 6/1	0	0	446	153	13	1	1	0.01	13.70	0
10630030	10630029	10.74	2 1-	2 ACSR 6/1	0	0	432	152	13	1	1	0.01	13.71	0
10630026	10630030	10.85	1 1-	2 ACSR 6/1	0	0	426	151	6	0	0	0.00	13.71	0
10620093	10620114	9.64	1 1-	2 ACSR 6/1	0	0	494	158	8	1	1	0.00	13.63	0
10620105	10620055	9.59	20 1-	2 ACSR 6/1	0	0	497	159	81	11	6	0.02	13.64	2
10620106	10620105	9.66	19 1-	2 ACSR 6/1	0	0	492	158	81	11	6	0.02	13.66	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10620092	10620106	9.76	1 1-	2 ACSR 6/1	0	0	486	158	8	1	1	0.00	13.66	0
10620117	10620106	9.81	17 1-	2 ACSR 6/1	0	0	483	157	71	10	6	0.04	13.70	3
10620118	10620117	9.87	17 1-	2 ACSR 6/1	0	0	479	157	71	10	6	0.02	13.72	1
10520056	10620118	9.95	0 1-	2 ACSR 6/1	0	0	475	156	0	0	0	0.00	13.72	0
10520118	10620118	10.04	17 1-	2 ACSR 6/1	0	0	469	156	71	10	6	0.05	13.77	3
10630027	10520118	10.17	17 1-	2 ACSR 6/1	0	0	462	155	71	10	6	0.03	13.80	2
10630013	10630027	10.22	9 1-	2 ACSR 6/1	0	0	459	155	28	3	2	0.01	13.80	0
10630017	10630013	10.30	5 1-	2 ACSR 6/1	0	0	454	154	21	2	2	0.00	13.81	0
10630018	10630017	10.47	2 1-	2 ACSR 6/1	0	0	445	153	5	0	0	0.00	13.81	0
10630014	10630013	10.26	2 1-	2 ACSR 6/1	0	0	457	155	5	0	0	0.00	13.80	0
10630016	10630014	10.32	1 1-	2 ACSR 6/1	0	0	454	154	4	0	0	0.00	13.80	0
10630015	10630014	10.32	1 1-	2 ACSR 6/1	0	0	453	154	0	0	0	0.00	13.80	0
10630012	10630027	10.20	5 1-	2 ACSR 6/1	0	0	460	155	18	2	1	0.00	13.80	0
10630019	10630012	10.23	4 1-	2 ACSR 6/1	0	0	458	155	18	2	1	0.00	13.80	0
10630020	10630019	10.27	1 1-	2 ACSR 6/1	0	0	456	155	6	0	1	0.00	13.80	0
10620101	10620071	9.42	2 1-	2 ACSR 6/1	0	0	509	160	14	1	1	0.00	3.56	0
10520067	10520066	9.06	2 1-	2 ACSR 6/1	0	0	530	161	10	1	1	0.00	3.49	0
10520068	10520067	9.13	1 1-	2 ACSR 6/1	0	0	525	161	3	0	0	0.00	3.49	0
10520062	10520110	8.83	4 1-	2 ACSR 6/1	0	0	544	162	24	3	2	0.01	3.42	0
10520063	10520062	8.88	2 1-	2 ACSR 6/1	0	0	540	162	20	2	1	0.00	3.42	0
10520125	10520063	8.93	1 1-	2 ACSR 6/1	0	0	536	162	8	0	1	0.00	3.42	0
10520104	10520105	8.60	1 1-	2 ACSR 6/1	0	0	560	164	9	1	1	0.00	3.32	0
10520100	10520117	8.52	4 1-	2 ACSR 6/1	0	0	564	164	26	3	2	0.01	12.90	0
10520102	10520100	8.59	2 1-	2 ACSR 6/1	0	0	558	163	10	1	1	0.00	12.90	0
10520101	10520100	8.57	2 1-	2 ACSR 6/1	0	0	560	164	16	2	1	0.00	12.90	0
10520078	10520083	8.28	2 1-	2 ACSR 6/1	0	0	582	165	20	2	1	0.00	4.41	0
10520079	10520078	8.31	1 1-	2 ACSR 6/1	0	0	580	165	10	1	1	0.00	4.41	0
10520082	10520084	8.36	1 1-	2 ACSR 6/1	0	0	575	164	9	1	1	0.00	12.65	0
10420075	10520082	8.41	0 1-	2 ACSR 6/1	0	0	570	164	0	0	0	0.00	12.65	0
10520075	10420067	8.25	31 1-	2 ACSR 6/1	0	0	583	165	144	18	10	0.06	4.44	7
D10-52-P113	10520075	8.25	30 1-	RCC-35-H	0	0	583	165	135	17	50	0.00	4.44	0
10520076	D10-52-P113	8.28	30 1-	2 ACSR 6/1	0	0	581	165	135	17	10	0.01	4.45	2
10520077	10520076	8.36	29 1-	2 ACSR 6/1	0	0	574	164	131	17	10	0.04	4.49	4
10420077	10520077	8.44	27 1-	2 ACSR 6/1	0	0	567	164	129	16	9	0.04	4.53	4
10420143	10420077	8.58	1 1-	2 ACSR 6/1	0	0	556	163	10	1	1	0.00	4.53	0
10420078	10420077	8.52	25 1-	2 ACSR 6/1	0	0	560	163	111	14	8	0.04	4.56	3
10420070	10420078	8.59	24 1-	2 ACSR 6/1	0	0	555	163	109	14	8	0.03	4.59	2
10420081	10420070	8.63	23 1-	2 ACSR 6/1	0	0	551	163	107	13	8	0.02	4.60	2
10420082	10420081	8.68	23 1-	2 ACSR 6/1	0	0	547	162	107	13	8	0.02	4.63	2
10420084	10420082	8.75	22 1-	2 ACSR 6/1	0	0	542	162	104	13	8	0.02	4.65	2
10420126	10420084	8.88	19 1-	2 ACSR 6/1	0	0	533	161	95	12	7	0.04	4.69	3
10420127	10420126	9.01	17 1-	2 ACSR 6/1	0	0	523	160	92	12	7	0.04	4.74	3
10430081	10420127	9.08	13 1-	2 ACSR 6/1	0	0	518	160	74	9	5	0.02	4.75	1
10430082	10430081	9.22	12 1-	2 ACSR 6/1	0	0	508	159	65	8	5	0.03	4.79	2
10430083	10430082	9.30	2 1-	2 ACSR 6/1	0	0	502	158	15	1	1	0.00	4.79	0
10430074	10430083	9.36	1 1-	2 ACSR 6/1	0	0	498	158	8	1	1	0.00	4.79	0
10430075	10430082	9.28	10 1-	2 ACSR 6/1	0	0	504	158	50	6	4	0.01	4.80	0
10430100	10430075	9.31	5 1-	2 ACSR 6/1	0	0	502	158	27	3	2	0.00	4.80	0
10430101	10430100	9.35	4 1-	2 ACSR 6/1	0	0	499	158	14	1	1	0.00	4.80	0
10430099	10430101	9.45	1 1-	2 ACSR 6/1	0	0	493	157	0	0	0	0.00	4.80	0
10430076	10430075	9.38	5 1-	2 ACSR 6/1	0	0	497	158	23	2	2	0.01	4.81	0
10430072	10430076	9.45	2 1-	2 ACSR 6/1	0	0	493	157	5	0	0	0.00	4.81	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10430073	10430076	9.50	3 1-	2 ACSR 6/1	0	0	489	157	18	2	1	0.01	4.82	0
10430077	10430073	9.61	2 1-	2 ACSR 6/1	0	0	482	156	14	1	1	0.01	4.82	0
10430071	10430077	9.69	1 1-	2 ACSR 6/1	0	0	478	156	8	1	1	0.00	4.82	0
10430069	10430077	9.69	1 1-	2 ACSR 6/1	0	0	478	156	7	0	0	0.00	4.82	0
10430070	10430069	9.83	0 1-	2 ACSR 6/1	0	0	469	155	0	0	0	0.00	4.82	0
10430047	10430070	9.92	0 1-	2 ACSR 6/1	0	0	464	155	0	0	0	0.00	4.82	0
10430080	10420127	9.07	1 1-	2 ACSR 6/1	0	0	518	160	9	1	1	0.00	4.74	0
10430078	10420127	9.06	2 1-	2 ACSR 6/1	0	0	519	160	2	0	0	0.00	4.74	0
10430079	10430078	9.11	1 1-	2 ACSR 6/1	0	0	516	160	1	0	0	0.00	4.74	0
10420083	10420082	8.72	1 1-	2 ACSR 6/1	0	0	545	162	3	0	0	0.00	4.63	0
10420080	10420070	8.66	1 1-	2 ACSR 6/1	0	0	549	162	1	0	0	0.00	4.59	0
10420079	10420078	8.56	1 1-	2 ACSR 6/1	0	0	557	163	2	0	0	0.00	4.56	0
10430055	10430061	6.99	19 3-	1/0 ACSR 6/1	999	897	696	171	98	4	2	0.00	5.68	0
10420130	10430055	7.06	16 1-	2 ACSR 6/1	0	0	688	171	69	9	5	0.02	10.91	0
10420131	10420130	7.17	11 1-	2 ACSR 6/1	0	0	675	170	55	7	4	0.02	10.94	0
10330041	10420131	7.17	0 1-	2 ACSR 6/1	0	0	675	170	0	0	0	0.00	10.94	0
10-33-P111-A	10330041	7.17	0 1-	Open	0	0	675	170	0	0	0	0.00	10.94	0
10330099	10420131	7.34	11 1-	2 ACSR 6/1	0	0	656	169	55	7	4	0.03	10.97	2
10420132	10330099	7.45	10 1-	2 ACSR 6/1	0	0	644	168	49	6	4	0.02	10.99	0
10320148	10420132	7.49	3 1-	2 ACSR 6/1	0	0	640	168	14	1	1	0.00	10.99	0
10320147	10420132	7.51	4 1-	2 ACSR 6/1	0	0	637	168	21	2	2	0.00	10.99	0
10320146	10320147	7.59	0 1-	2 ACSR 6/1	0	0	629	167	0	0	0	0.00	10.99	0
10420129	10420130	7.09	1 1-	2 ACSR 6/1	0	0	684	171	2	0	0	0.00	10.91	0
10420124	10420130	7.13	3 1-	2 ACSR 6/1	0	0	680	171	6	0	0	0.00	10.91	0
10420128	10430055	7.05	1 1-	2 ACSR 6/1	0	0	689	171	4	0	0	0.00	3.71	0
10420135	10430055	7.07	1 3-	1/0 ACSR 6/1	988	887	689	171	23	1	0	0.00	5.68	0
10430054	10430060	6.73	0 1-	2 ACSR 6/1	0	0	724	173	0	0	0	0.00	10.41	0
10430058	10430059	6.70	7 3-	1/0 ACSR 6/1	1045	941	728	173	80	3	2	0.00	5.37	0
10330074	10430058	6.76	6 3-	1/0 ACSR 6/1	1035	932	721	173	68	3	1	0.00	5.38	0
10330071	10330074	6.89	4 3-	1/0 ACSR 6/1	1016	913	708	172	62	2	1	0.01	5.38	0
10330072	10330071	7.01	3 3-	1/0 ACSR 6/1	997	896	695	171	62	2	1	0.01	5.39	0
10330075	10330072	7.09	2 3-	1/0 ACSR 6/1	985	884	686	171	56	2	1	0.00	5.39	0
10330076	10330075	7.16	1 3-	1/0 ACSR 6/1	974	874	679	171	48	2	1	0.00	5.39	0
10330073	10330072	7.02	0 1-	2 ACSR 6/1	0	0	694	171	0	0	0	0.00	10.38	0
10-33-P111-B	10330073	7.02	0 1-	Open	0	0	694	171	0	0	0	0.00	10.38	0
10330070	10330074	6.79	2 1-	2 ACSR 6/1	0	0	718	172	6	0	0	0.00	10.37	0
10330077	10330070	6.84	1 1-	2 ACSR 6/1	0	0	711	172	0	0	0	0.00	10.37	0
10440047	10440027	4.82	0 1-	2 ACSR 6/1	0	0	977	180	0	0	0	0.00	2.91	0
10440034	10440049	4.21	1 1-	2 ACSR 6/1	0	0	1094	182	1	0	0	0.00	2.69	0
10650186	10650182	2.92	2 1-	2 ACSR 6/1	0	0	1487	187	10	1	1	0.00	5.74	0
10650184	10650182	2.89	5 1-	2 ACSR 6/1	0	0	1498	187	24	3	2	0.00	2.27	0
10650185	10650184	2.92	1 1-	2 ACSR 6/1	0	0	1485	187	2	0	0	0.00	2.27	0
10650170	10650169	2.85	1 1-	2 ACSR 6/1	0	0	1511	187	2	0	0	0.00	5.62	0
10650176	10650098	2.56	1 1-	2 ACSR 6/1	0	0	1641	188	3	0	0	0.00	5.12	0
10650120	10650098	2.58	42 1-	2 ACSR 6/1	0	0	1633	188	215	27	15	0.04	2.16	8
D10-65-P017	10650120	2.58	39 1-	REC-50-4H	0	0	1633	188	210	26	54	0.00	2.16	0
10650197	D10-65-P017	2.63	39 1-	2 ACSR 6/1	0	0	1600	188	210	26	15	0.04	2.20	7
10650123	10650197	2.72	37 1-	2 ACSR 6/1	0	0	1543	187	203	25	14	0.07	2.27	11
10650125	10650123	2.75	35 1-	2 ACSR 6/1	0	0	1530	187	197	25	14	0.02	2.29	3
10650126	10650125	2.78	34 1-	2 ACSR 6/1	0	0	1511	186	190	24	14	0.02	2.31	3
10650127	10650126	2.81	33 1-	2 ACSR 6/1	0	0	1494	186	190	24	14	0.02	2.33	3
10650157	10650127	2.87	29 1-	2 ACSR 6/1	0	0	1462	186	176	22	13	0.04	2.37	5

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10650155	10650157	3.00	12 1-	2 ACSR 6/1	0	0	1394	185	81	10	6	0.04	2.40	3
10650156	10650155	3.06	11 1-	2 ACSR 6/1	0	0	1364	184	81	10	6	0.02	2.42	1
10650160	10650156	3.17	7 1-	2 ACSR 6/1	0	0	1317	183	74	9	5	0.03	2.45	1
10650201	10650160	3.20	6 1-	2 ACSR 6/1	0	0	1301	183	67	8	5	0.01	2.46	0
10650090	10650201	3.23	5 1-	2 ACSR 6/1	0	0	1288	183	50	6	4	0.01	2.46	0
10650119	10650090	3.34	4 1-	2 ACSR 6/1	0	0	1244	182	36	4	3	0.01	2.47	0
10640030	10650119	3.39	2 1-	2 ACSR 6/1	0	0	1223	182	15	1	1	0.00	2.48	0
10640032	10640030	3.42	1 1-	2 ACSR 6/1	0	0	1212	181	7	0	1	0.00	2.48	0
10640031	10640030	3.42	1 1-	2 ACSR 6/1	0	0	1211	181	8	1	1	0.00	2.48	0
10650162	10650090	3.29	1 1-	2 ACSR 6/1	0	0	1262	182	14	1	1	0.00	2.46	0
10650161	10650201	3.26	1 1-	2 ACSR 6/1	0	0	1276	183	17	2	1	0.00	2.46	0
10650154	10650157	2.89	15 1-	2 ACSR 6/1	0	0	1448	185	86	11	6	0.01	2.37	0
10650158	10650154	2.93	15 1-	2 ACSR 6/1	0	0	1428	185	86	11	6	0.01	2.38	0
10650159	10650158	3.00	13 1-	2 ACSR 6/1	0	0	1395	185	72	9	5	0.01	2.40	0
10650175	10650159	3.07	11 1-	2 ACSR 6/1	0	0	1359	184	52	6	4	0.01	2.41	0
10640022	10650175	3.09	2 1-	2 ACSR 6/1	0	0	1351	184	10	1	1	0.00	2.41	0
10640023	10640022	3.16	1 1-	2 ACSR 6/1	0	0	1322	183	3	0	0	0.00	2.41	0
10640024	10650175	3.10	9 1-	2 ACSR 6/1	0	0	1349	184	43	5	3	0.00	2.42	0
10640025	10640024	3.13	8 1-	2 ACSR 6/1	0	0	1335	184	35	4	2	0.00	2.42	0
10640026	10640025	3.29	7 1-	2 ACSR 6/1	0	0	1266	182	28	3	2	0.02	2.44	0
10640027	10640026	3.38	6 1-	2 ACSR 6/1	0	0	1229	182	26	3	2	0.01	2.44	0
10640029	10640027	3.45	6 1-	2 ACSR 6/1	0	0	1200	181	26	3	2	0.01	2.45	0
10640033	10640029	3.59	5 1-	2 ACSR 6/1	0	0	1150	180	18	2	1	0.01	2.46	0
10640021	10640033	3.79	4 1-	2 ACSR 6/1	0	0	1086	179	16	2	1	0.01	2.47	0
10640036	10640021	3.99	1 1-	2 ACSR 6/1	0	0	1025	177	6	0	0	0.00	2.47	0
10640035	10640021	3.91	1 1-	2 ACSR 6/1	0	0	1047	178	7	0	0	0.00	2.47	0
10640034	10640021	3.99	2 1-	2 ACSR 6/1	0	0	1025	177	3	0	0	0.00	2.47	0
10640037	10640033	4.01	1 1-	2 ACSR 6/1	0	0	1021	177	2	0	0	0.00	2.46	0
10640028	10640027	3.49	0 1-	2 ACSR 6/1	0	0	1188	181	0	0	0	0.00	2.44	0
10650128	10650127	2.88	1 1-	2 ACSR 6/1	0	0	1458	186	7	0	1	0.00	2.33	0
10650121	10650120	2.65	3 1-	2 ACSR 6/1	0	0	1585	187	6	0	0	0.00	2.16	0
10650122	10650121	2.71	1 1-	2 ACSR 6/1	0	0	1548	187	2	0	0	0.00	2.16	0
10650097	10650096	2.29	0 1-	2 ACSR 6/1	0	0	1784	189	0	0	0	0.00	1.92	0
10650109	10650096	2.30	12 1-	2 ACSR 6/1	0	0	1778	189	53	6	4	0.01	4.62	0
D10-65-P038	10650109	2.30	11 1-	FUS	0	0	1778	189	51	6	150	0.00	4.62	0
10650196	D10-65-P038	2.33	11 1-	2 ACSR 6/1	0	0	1758	189	51	6	4	0.00	4.63	0
10650110	10650196	2.36	10 1-	2 ACSR 6/1	0	0	1735	189	48	6	3	0.01	4.64	0
10650111	10650110	2.40	10 1-	2 ACSR 6/1	0	0	1707	188	48	6	3	0.01	4.64	0
10650114	10650111	2.49	8 1-	2 ACSR 6/1	0	0	1646	187	43	5	3	0.01	4.66	0
10650116	10650114	2.57	7 1-	2 ACSR 6/1	0	0	1595	187	42	5	3	0.01	4.67	0
10650118	10650116	2.58	4 1-	2 ACSR 6/1	0	0	1586	187	18	2	1	0.00	4.67	0
10650124	10650118	2.64	2 1-	2 ACSR 6/1	0	0	1549	186	5	0	0	0.00	4.67	0
10650117	10650116	2.65	1 1-	2 ACSR 6/1	0	0	1546	186	15	1	1	0.00	4.67	0
10650112	10650111	2.43	1 1-	2 ACSR 6/1	0	0	1685	188	1	0	0	0.00	4.64	0
10650113	10650112	2.47	1 1-	2 ACSR 6/1	0	0	1660	188	1	0	0	0.00	4.64	0
10650152	10650151	2.12	1 1-	2 ACSR 6/1	0	0	1883	189	0	0	0	0.00	4.19	0
10660122	10660193	1.72	1 1-	2 ACSR 6/1	0	0	2182	191	8	1	1	0.00	3.37	0
10660145	10660182	0.70	3 1-	2 ACSR 6/1	0	0	3458	194	14	1	1	0.00	0.60	0
10660172	10660171	0.65	185 3-	336 ACSR 18/1	3883	3800	3565	194	1033	43	8	0.02	0.64	9
10660196	10660172	0.70	1 3-	336 ACSR 18/1	3824	3734	3485	194	3	0	0	0.00	0.64	0
D10-66-P207	10660196	0.70	1 1-	FUS	0	0	3485	194	3	0	8	0.00	0.58	0
10660197	D10-66-P207	0.78	1 1-	2 ACSR 6/1	0	0	3284	194	3	0	0	0.00	0.58	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10660173	10660197	0.86	0 1-	2 ACSR 6/1	0	0	3094	193	0	0	0	0.00	0.58	0
10660147	10660172	0.68	184 3-	1/0 ACSR 6/1	3831	3742	3499	194	1030	43	19	0.02	0.66	15
10660146	10660147	0.70	182 3-	1/0 ACSR 6/1	3800	3708	3460	194	1027	43	19	0.01	0.67	9
D10-66-P195	10660146	0.70	182 3-	REC-70-L	3800	3708	3460	194	1027	43	62	0.00	0.67	0
10660149	D10-66-P195	0.79	182 3-	1/0 ACSR 6/1	3630	3522	3251	194	1027	43	19	0.08	0.74	51
10660148	10660149	1.03	180 3-	1/0 ACSR 6/1	3261	3123	2824	192	1011	42	19	0.18	0.89	123
10560042	10660148	1.09	173 3-	1/0 ACSR 6/1	3168	3024	2722	192	959	40	18	0.05	0.93	32
10560041	10560042	1.18	172 3-	1/0 ACSR 6/1	3047	2896	2591	192	950	40	17	0.07	0.99	43
10560093	10560041	1.22	4 1-	2 ACSR 6/1	0	0	2538	191	11	1	1	0.00	1.43	0
10560094	10560093	1.30	1 1-	2 ACSR 6/1	0	0	2408	191	3	0	0	0.00	1.43	0
10560099	10560041	1.21	168 3-	1/0 ACSR 6/1	3009	2856	2551	191	938	39	17	0.02	1.01	14
10560105	10560099	1.29	165 3-	1/0 ACSR 6/1	2909	2752	2447	191	917	38	17	0.07	1.06	36
10560107	10560105	1.38	163 3-	1/0 ACSR 6/1	2805	2643	2340	190	912	38	17	0.07	1.11	40
10560109	10560107	1.47	159 3-	1/0 ACSR 6/1	2706	2541	2240	190	894	37	16	0.07	1.16	39
10560111	10560109	1.52	2 1-	2 ACSR 6/1	0	0	2181	190	13	1	1	0.00	1.55	0
10560110	10560109	1.58	157 3-	1/0 ACSR 6/1	2599	2431	2135	189	881	37	16	0.09	1.22	44
10560081	10560110	1.62	10 1-	2 ACSR 6/1	0	0	2082	189	37	4	3	0.00	1.33	0
10560079	10560081	1.67	6 1-	2 ACSR 6/1	0	0	2033	189	21	2	2	0.00	1.33	0
10560080	10560079	1.72	4 1-	2 ACSR 6/1	0	0	1985	188	17	2	1	0.00	1.33	0
10560112	10560080	1.78	2 1-	2 ACSR 6/1	0	0	1920	188	14	1	1	0.00	1.34	0
10560083	10560110	1.62	147 3-	1/0 ACSR 6/1	2555	2386	2092	189	844	35	16	0.03	1.25	17
10550116	10560083	1.77	1 1-	2 ACSR 6/1	0	0	1946	188	7	0	0	0.00	1.36	0
10550162	10560083	1.71	145 3-	1/0 ACSR 6/1	2476	2307	2016	189	828	35	15	0.06	1.29	31
10550128	10550162	1.80	7 1-	2 ACSR 6/1	0	0	1926	188	52	6	4	0.01	1.65	0
10550129	10550128	1.94	5 1-	2 ACSR 6/1	0	0	1804	187	32	4	2	0.01	1.66	0
10550127	10550129	1.99	4 1-	2 ACSR 6/1	0	0	1758	186	24	3	2	0.00	1.67	0
10550117	10550127	2.05	1 1-	2 ACSR 6/1	0	0	1716	186	0	0	0	0.00	1.67	0
10550163	10550127	2.03	2 1-	2 ACSR 6/1	0	0	1733	186	17	2	1	0.00	1.67	0
10550137	10550163	2.08	1 1-	2 ACSR 6/1	0	0	1690	186	12	1	1	0.00	1.67	0
10550118	10550162	1.76	136 3-	1/0 ACSR 6/1	2427	2257	1970	188	762	32	14	0.04	1.32	18
10550168	10550118	1.81	133 3-	1/0 ACSR 6/1	2383	2213	1928	188	747	31	14	0.04	1.35	17
10-55-P216-B	10550168	1.81	133 3-	Closed	2383	2213	1928	188	747	31	0	0.00	1.35	0
10-55-P216-A	10-55-P216-B	1.81	133 3-	Closed	2383	2213	1928	188	747	31	0	0.00	1.35	0
10550192	10-55-P216-A	1.84	133 3-	1/0 ACSR 6/1	2363	2193	1910	188	747	31	14	0.02	1.36	8
10550164	10550192	2.03	101 3-	1/0 ACSR 6/1	2215	2045	1772	187	514	21	9	0.07	1.42	27
10550190	10550164	2.12	5 1-	2 ACSR 6/1	0	0	1696	186	21	2	1	0.01	1.70	0
10550191	10550190	2.15	3 1-	2 ACSR 6/1	0	0	1677	186	14	1	1	0.00	1.70	0
10550165	10550191	2.19	2 1-	2 ACSR 6/1	0	0	1648	186	11	1	1	0.00	1.70	0
10550189	10550164	2.11	93 3-	1/0 ACSR 6/1	2155	1986	1718	187	478	20	9	0.03	1.45	11
10550193	10550189	2.18	5 1-	2 ACSR 6/1	0	0	1666	186	14	1	1	0.00	1.71	0
10550194	10550193	2.22	2 1-	2 ACSR 6/1	0	0	1637	186	3	0	0	0.00	1.71	0
10550188	10550189	2.20	87 3-	1/0 ACSR 6/1	2091	1923	1660	186	457	19	8	0.03	1.48	11
10550122	10550188	2.31	78 3-	1/0 ACSR 6/1	2025	1858	1601	185	423	17	8	0.04	1.50	11
10550197	10550122	2.41	74 3-	1/0 ACSR 6/1	1964	1799	1548	185	416	17	8	0.04	1.53	10
10550186	10550197	2.46	14 1-	2 ACSR 6/1	0	0	1512	184	116	14	8	0.02	1.75	2
10550187	10550186	2.52	12 1-	2 ACSR 6/1	0	0	1480	184	114	14	8	0.02	1.77	2
10550141	10550187	2.56	12 1-	2 ACSR 6/1	0	0	1455	184	114	14	8	0.02	1.79	1
10550155	10550141	2.61	10 1-	2 ACSR 6/1	0	0	1429	183	98	12	7	0.02	1.81	1
10550158	10550155	2.65	7 1-	2 ACSR 6/1	0	0	1409	183	69	8	5	0.01	1.81	0
10550159	10550158	2.71	1 1-	2 ACSR 6/1	0	0	1380	183	2	0	0	0.00	1.81	0
10550160	10550158	2.70	5 1-	2 ACSR 6/1	0	0	1385	183	59	7	4	0.01	1.82	0
10550120	10550160	2.75	2 1-	2 ACSR 6/1	0	0	1358	182	22	2	2	0.00	1.83	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10550121	10550120	2.82	1 1-	2 ACSR 6/1	0	0	1325	182	16	2	1	0.00	1.83	0
10550119	10550160	2.79	1 1-	2 ACSR 6/1	0	0	1341	182	18	2	1	0.00	1.83	0
10550161	10550160	2.75	2 1-	2 ACSR 6/1	0	0	1360	182	19	2	1	0.00	1.83	0
10550156	10550155	2.65	2 1-	2 ACSR 6/1	0	0	1407	183	18	2	1	0.00	1.81	0
10550157	10550156	2.73	1 1-	2 ACSR 6/1	0	0	1368	182	13	1	1	0.00	1.81	0
10550199	10550197	2.49	7 1-	2 ACSR 6/1	0	0	1497	184	28	3	2	0.01	1.73	0
10550183	10550199	2.53	2 1-	2 ACSR 6/1	0	0	1476	184	9	1	1	0.00	1.74	0
10550184	10550183	2.58	1 1-	2 ACSR 6/1	0	0	1445	184	5	0	0	0.00	1.74	0
10550185	10550199	2.59	3 1-	2 ACSR 6/1	0	0	1441	184	12	1	1	0.00	1.74	0
10550200	10550199	2.56	0 1-	2 ACSR 6/1	0	0	1455	184	0	0	0	0.00	1.73	0
10550198	10550197	2.52	51 3-	1/0 ACSR 6/1	1898	1734	1489	184	260	11	5	0.01	1.55	8
10650108	10550198	2.61	49 3-	1/0 ACSR 6/1	1849	1687	1447	184	255	10	5	0.01	1.57	6
10650107	10650108	2.65	46 3-	1/0 ACSR 6/1	1830	1668	1430	184	250	10	5	0.00	1.57	2
D10-65-P049	10650107	2.65	16 1-	FUS	0	0	1430	184	106	13	307	0.00	1.25	0
10650129	D10-65-P049	2.70	16 1-	2 ACSR 6/1	0	0	1405	183	106	13	7	0.02	1.27	1
10650130	10650129	2.75	15 1-	2 ACSR 6/1	0	0	1377	183	91	11	6	0.02	1.29	1
10650131	10650130	2.81	13 1-	2 ACSR 6/1	0	0	1351	182	77	9	5	0.01	1.30	0
10650095	10650131	2.84	11 1-	2 ACSR 6/1	0	0	1336	182	62	7	4	0.01	1.31	0
10650188	10650095	2.89	6 1-	2 ACSR 6/1	0	0	1314	182	41	5	3	0.01	1.31	0
10650189	10650188	2.92	4 1-	2 ACSR 6/1	0	0	1297	182	20	2	1	0.00	1.32	0
10650191	10650189	2.96	2 1-	2 ACSR 6/1	0	0	1279	181	11	1	1	0.00	1.32	0
10650190	10650189	2.95	1 1-	2 ACSR 6/1	0	0	1284	181	4	0	0	0.00	1.32	0
10650168	10650190	3.03	1 1-	15 KV 2 URD XLP	0	0	1253	416	4	0	0	0.00	1.32	0
10650106	10650095	2.90	5 1-	2 ACSR 6/1	0	0	1306	182	21	2	1	0.00	1.31	0
10650115	10650106	2.93	3 1-	2 ACSR 6/1	0	0	1293	182	13	1	1	0.00	1.31	0
10650105	10650106	2.97	1 1-	2 ACSR 6/1	0	0	1275	181	4	0	0	0.00	1.31	0
10650145	10650131	2.85	2 1-	2 ACSR 6/1	0	0	1330	182	15	1	1	0.00	1.30	0
10650187	10650145	2.88	1 1-	2 ACSR 6/1	0	0	1319	182	6	0	0	0.00	1.30	0
10650132	10650130	2.80	1 1-	2 ACSR 6/1	0	0	1352	182	8	1	1	0.00	1.29	0
10650141	10650107	2.70	28 3-	1/0 ACSR 6/1	1806	1645	1409	183	133	5	2	0.00	1.58	0
10650138	10650141	2.77	24 3-	1/0 ACSR 6/1	1770	1611	1379	183	108	4	2	0.00	1.58	0
10650139	10650138	2.82	2 1-	2 ACSR 6/1	0	0	1356	183	9	1	1	0.00	1.72	0
10650137	10650138	2.81	22 3-	1/0 ACSR 6/1	1752	1594	1364	183	99	4	2	0.00	1.58	0
10650136	10650137	2.87	3 1-	2 ACSR 6/1	0	0	1333	182	7	0	1	0.00	1.76	0
10650135	10650137	2.85	3 1-	2 ACSR 6/1	0	0	1345	183	9	1	1	0.00	1.27	0
10650200	10650135	3.01	1 1-	2 ACSR 6/1	0	0	1269	181	5	0	0	0.00	1.27	0
10650134	10650137	2.85	11 3-	1/0 ACSR 6/1	1733	1575	1348	183	58	2	1	0.00	1.58	0
10650133	10650134	2.88	10 3-	1/0 ACSR 6/1	1720	1562	1336	182	49	2	1	0.00	1.59	0
10650164	10650133	2.93	7 3-	1/0 ACSR 6/1	1694	1538	1314	182	40	1	1	0.00	1.59	0
10650166	10650164	2.98	1 3-	1/0 ACSR 6/1	1673	1518	1297	182	4	0	0	0.00	1.59	0
10650163	10650166	3.16	1 1-	2 ACSR 6/1	0	0	1220	181	4	0	0	0.00	1.28	0
10650091	10650166	2.99	0 3-	1/0 ACSR 6/L	1669	1513	1293	182	0	0	0	0.00	1.59	0
D10-65-P258	10650091	2.99	0 3-	REC-50-L	1669	1513	1293	182	0	0	0	0.00	1.59	0
10650094	D10-65-P258	3.06	0 3-	1/0 ACSR 6/1	1639	1485	1268	182	0	0	0	0.00	1.59	0
10650165	10650164	2.97	2 1-	2 ACSR 6/1	0	0	1296	182	13	1	1	0.00	1.76	0
10650167	10650164	2.98	2 1-	2 ACSR 6/1	0	0	1292	182	7	0	0	0.00	1.72	0
10650140	10650141	2.72	2 1-	2 ACSR 6/1	0	0	1396	183	17	2	1	0.00	1.26	0
10550196	10550198	2.63	1 1-	2 ACSR 6/1	0	0	1432	184	5	0	0	0.00	1.74	0
10550123	10550188	2.26	8 1-	2 ACSR 6/1	0	0	1618	186	25	3	2	0.00	1.72	0
10550124	10550123	2.34	2 1-	2 ACSR 6/1	0	0	1568	185	4	0	0	0.00	1.72	0
10550125	10550124	2.41	1 1-	2 ACSR 6/1	0	0	1527	184	4	0	0	0.00	1.72	0
10550143	10550123	2.35	4 1-	2 ACSR 6/1	0	0	1564	185	16	2	1	0.00	1.73	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 22	ROCKHOLD(22)		2213		5501	5578	5792	196	9594						
SUB	22, CKT 1														
	BK2201	ROCKHOLD(22)	0.00	579 3-	BK2201	5501	5578	5792	196	2658	113 60	0.00	0.00	0.00	0
	15340194	BK2201	0.07	579 3-	4/0 ACSR 6/1	5296	5345	5440	196	2658	113 33	0.02	0.07	148	
	15340195	15340194	0.12	578 3-	4/0 ACSR 6/1	5146	5174	5193	195	2653	112 33	0.01	0.13	114	
	15340090	15340195	0.14	1 1-	2 ACSR 6/1	0	0	5069	195	2	0 0	0.00	0.03	0	
	15340080	15340195	0.15	577 3-	4/0 ACSR 6/1	5074	5092	5076	195	2649	112 33	0.01	0.15	57	
	15340091	15340080	0.24	1 1-	2 ACSR 6/1	0	0	4639	195	4	0 0	0.00	0.15	0	
	15340092	15340080	0.19	576 3-	4/0 ACSR 6/1	4953	4952	4885	195	2645	112 33	0.01	0.20	99	
	15340093	15340092	0.31	574 3-	4/0 ACSR 6/1	4656	4614	4439	195	2637	112 33	0.03	0.33	260	
	15340167	15340093	0.51	573 3-	4/0 ACSR 6/1	4236	4143	3855	194	2634	112 33	0.04	0.53	423	
	15340172	15340167	0.54	554 3-	4/0 ACSR 6/1	4174	4075	3774	194	2586	110 33	0.01	0.57	66	
	15340175	15340172	0.58	553 3-	4/0 ACSR 6/1	4096	3989	3672	194	2575	110 32	0.01	0.61	86	
	15340177	15340175	0.64	551 3-	4/0 ACSR 6/1	4003	3886	3553	194	2570	109 32	0.01	0.66	107	
	15340176	15340177	0.71	549 3-	4/0 ACSR 6/1	3880	3753	3401	194	2567	109 32	0.02	0.74	147	
	15340108	15340176	0.72	548 3-	4/0 ACSR 6/1	3853	3724	3368	193	2547	109 32	0.00	0.75	33	
	D15-34-P022	15340108	0.72	34 1-	REC-50-L	0	0	3368	193	133	16 34	0.00	0.71	0	
	15340127	D15-34-P022	0.79	34 1-	2 ACSR 6/1	0	0	3203	193	133	16 9	0.03	0.74	3	
	15340137	15340127	0.84	16 1-	2 ACSR 6/1	0	0	3090	193	81	10 6	0.01	0.75	0	
	15340117	15340137	0.87	16 1-	2 ACSR 6/1	0	0	3019	192	81	10 6	0.01	0.76	0	
	15340116	15340117	0.89	3 1-	2 ACSR 6/1	0	0	2978	192	23	2 2	0.00	0.76	0	
	15340109	15340116	0.99	2 1-	2 ACSR 6/1	0	0	2789	191	17	2 1	0.00	0.77	0	
	15340115	15340117	0.93	12 1-	2 ACSR 6/1	0	0	2904	192	53	6 4	0.01	0.77	0	
	15340136	15340115	0.96	8 1-	2 ACSR 6/1	0	0	2838	192	41	5 3	0.00	0.78	0	
	15340135	15340136	1.00	6 1-	2 ACSR 6/1	0	0	2759	191	30	3 2	0.00	0.78	0	
	15340123	15340135	1.08	4 1-	2 ACSR 6/1	0	0	2617	191	23	2 2	0.00	0.78	0	
	15340124	15340123	1.17	2 1-	2 ACSR 6/1	0	0	2479	190	11	1 1	0.00	0.79	0	
	15340138	15340124	1.23	2 1-	2 ACSR 6/1	0	0	2391	189	11	1 1	0.00	0.79	0	
	15340139	15340138	1.27	1 1-	2 ACSR 6/1	0	0	2324	189	8	0 1	0.00	0.79	0	
	15340099	15340138	1.27	1 1-	2 ACSR 6/1	0	0	2328	189	3	0 0	0.00	0.79	0	
	15340128	15340127	0.85	14 1-	2 ACSR 6/1	0	0	3075	192	47	5 3	0.01	0.75	0	
	15340129	15340128	0.91	13 1-	2 ACSR 6/1	0	0	2945	192	45	5 3	0.01	0.76	0	
	15340130	15340129	1.01	10 1-	2 ACSR 6/1	0	0	2752	191	34	4 2	0.01	0.77	0	
	15340131	15340130	1.11	9 1-	2 ACSR 6/1	0	0	2576	190	32	4 2	0.01	0.78	0	
	15340132	15340131	1.16	7 1-	2 ACSR 6/1	0	0	2498	190	14	1 1	0.00	0.78	0	
	15340133	15340132	1.30	5 1-	2 ACSR 6/1	0	0	2290	189	7	0 0	0.00	0.78	0	
	15340134	15340133	1.38	2 1-	2 ACSR 6/1	0	0	2184	188	2	0 0	0.00	0.78	0	
	15340078	15340133	1.35	3 1-	2 ACSR 6/1	0	0	2217	188	5	0 0	0.00	0.78	0	
	15340079	15340078	1.75	2 1-	2 ACSR 6/1	0	0	1797	185	2	0 0	0.00	0.79	0	
	D15-24-P032	15340079	1.75	2 1-	FUS	0	0	1797	185	2	0 5	0.00	0.79	0	
	15340021	D15-24-P032	2.63	2 1-	2 ACSR 6/1	0	0	1260	179	2	0 0	0.00	0.79	0	
	15340122	15340078	1.50	1 1-	2 ACSR 6/1	0	0	2042	187	3	0 0	0.00	0.78	0	
	15340126	15340108	0.78	512 3-	4/0 ACSR 6/1	3767	3632	3264	193	2408	103 30	0.02	0.80	97	
	15340101	15340126	0.83	511 3-	4/0 ACSR 6/1	3684	3543	3165	193	2405	103 30	0.02	0.86	97	
	15340106	15340101	0.94	510 3-	4/0 ACSR 6/1	3527	3376	2983	193	2403	103 30	0.04	0.96	195	
	15340107	15340106	1.00	25 1-	2 ACSR 6/1	0	0	2871	192	103	13 7	0.02	1.80	2	
	D15-34-P014	15340107	1.00	25 1-	REC-35-L	0	0	2871	192	103	13 38	0.00	1.80	0	
	15340089	D15-34-P014	1.04	25 1-	2 ACSR 6/1	0	0	2784	192	103	13 7	0.02	1.82	1	
	15340087	15340089	1.30	4 1-	2 ACSR 6/1	0	0	2376	190	11	1 1	0.01	1.83	0	
	15340114	15340087	1.42	2 1-	2 ACSR 6/1	0	0	2214	189	8	1 1	0.00	1.83	0	
	15340113	15340087	1.35	2 1-	2 ACSR 6/1	0	0	2305	189	3	0 0	0.00	1.83	0	
	15340196	15340113	1.40	2 1-	2 ACSR 6/1	0	0	2245	189	3	0 0	0.00	1.83	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15340197	15340196	1.44	1 1-	2 ACSR 6/1	0	0	2183	189	3	0	0	0.00	1.83	0
15340105	15340089	1.12	21 1-	2 ACSR 6/1	0	0	2650	191	92	11	7	0.03	1.84	2
15340104	15340105	1.31	20 1-	2 ACSR 6/1	0	0	2364	190	88	11	6	0.06	1.90	4
15340110	15340104	1.35	2 1-	2 ACSR 6/1	0	0	2310	189	11	1	1	0.00	1.91	0
15340111	15340104	1.44	18 1-	2 ACSR 6/1	0	0	2186	189	77	9	5	0.04	1.94	2
15340140	15340111	1.50	11 1-	2 ACSR 6/1	0	0	2114	188	43	5	3	0.01	1.95	0
15340141	15340140	1.52	10 1-	2 ACSR 6/1	0	0	2090	188	37	4	3	0.00	1.96	0
15340146	15340141	1.56	10 1-	2 ACSR 6/1	0	0	2056	188	37	4	3	0.00	1.96	0
15340147	15340146	1.61	7 1-	2 ACSR 6/1	0	0	2002	187	34	4	2	0.01	1.97	0
15340143	15340147	1.62	5 1-	2 ACSR 6/1	0	0	1983	187	27	3	2	0.00	1.97	0
15340144	15340143	1.66	3 1-	2 ACSR 6/1	0	0	1952	187	14	1	1	0.00	1.97	0
15340145	15340144	1.69	2 1-	2 ACSR 6/1	0	0	1921	187	14	1	1	0.00	1.97	0
15340155	15340145	1.74	1 1-	2 ACSR 6/1	0	0	1875	186	6	0	0	0.00	1.97	0
15340142	15340147	1.68	1 1-	2 ACSR 6/1	0	0	1925	187	5	0	0	0.00	1.97	0
15340156	15340142	1.70	1 1-	2 ACSR 6/1	0	0	1905	187	5	0	0	0.00	1.97	0
15340178	15340111	1.56	6 1-	2 ACSR 6/1	0	0	2054	188	32	4	2	0.01	1.95	0
15340173	15340178	1.60	3 1-	2 ACSR 6/1	0	0	2012	187	17	2	1	0.00	1.96	0
15340112	15340111	1.46	1 1-	2 ACSR 6/1	0	0	2163	189	1	0	0	0.00	1.94	0
15340189	15340106	1.04	481 3-	4/0 ACSR 6/1	3402	3244	2842	192	2291	98	29	0.03	1.04	148
15340102	15340189	1.12	476 3-	4/0 ACSR 6/1	3299	3137	2729	192	2278	97	29	0.02	1.12	129
15340077	15340102	1.18	476 3-	4/0 ACSR 6/1	3230	3065	2654	192	2277	97	29	0.02	1.17	92
15340198	15340077	1.21	1 1-	2 ACSR 6/1	0	0	2597	192	3	0	0	0.00	0.30	0
15340199	15340198	1.26	1 1-	2 ACSR 6/1	0	0	2523	191	3	0	0	0.00	0.30	0
20850985	15340077	1.40	475 3-	4/0 ACSR 6/1	2984	2812	2396	191	2273	97	29	0.06	1.38	357
20850941	20850985	1.51	473 3-	4/0 ACSR 6/1	2876	2703	2286	191	2266	97	29	0.03	1.48	174
20850942	20850941	1.57	472 3-	4/0 ACSR 6/1	2826	2652	2237	191	2255	97	29	0.01	1.53	85
D15-24-P028	20850942	1.57	4 1-	FUS-30	0	0	2237	191	30	3	14	0.00	1.39	0
15240027	D15-24-P028	1.62	4 1-	2 ACSR 6/1	0	0	2173	190	30	3	2	0.01	1.40	0
20851079	15240027	1.71	3 1-	2 ACSR 6/1	0	0	2078	189	23	2	2	0.01	1.40	0
20851485	20851079	1.76	2 1-	2 ACSR 6/1	0	0	2030	189	14	1	1	0.00	1.41	0
20851345	20851485	1.77	1 1-	2 ACSR 6/1	0	0	2012	189	10	1	1	0.00	1.41	0
20851499	20850942	1.62	468 3-	4/0 ACSR 6/1	2784	2610	2195	190	2224	95	28	0.01	1.57	71
20851500	20851499	1.64	467 3-	4/0 ACSR 6/1	2763	2588	2174	190	2219	95	28	0.01	1.59	37
20851346	20851500	1.66	466 3-	4/0 ACSR 6/1	2743	2568	2154	190	2212	95	28	0.01	1.61	34
20851481	20851346	1.72	465 3-	4/0 ACSR 6/1	2697	2523	2110	190	2205	95	28	0.02	1.66	80
20851497	20851481	1.77	12 3-	4/0 ACSR 6/1	2655	2480	2069	190	47	2	1	0.00	1.66	0
20851506	20851497	1.83	6 1-	2 ACSR 6/1	0	0	2014	189	22	2	2	0.00	3.01	0
20851484	20851506	1.86	3 1-	2 ACSR 6/1	0	0	1979	189	8	0	1	0.00	3.01	0
20851038	20851484	1.89	2 1-	2 ACSR 6/1	0	0	1954	189	6	0	0	0.00	3.01	0
20851039	20851038	1.92	1 1-	2 ACSR 6/1	0	0	1929	189	5	0	0	0.00	3.01	0
20851482	20851506	1.86	3 1-	2 ACSR 6/1	0	0	1980	189	15	1	1	0.00	3.01	0
20851483	20851482	1.95	2 1-	2 ACSR 6/1	0	0	1900	188	9	1	1	0.00	3.02	0
20851498	20851497	1.84	4 3-	4/0 ACSR 6/1	2600	2426	2017	190	15	0	0	0.00	1.66	0
20851510	20851481	1.78	452 3-	4/0 ACSR 6/1	2646	2471	2060	190	2151	92	27	0.02	1.71	89
20851511	20851510	1.82	449 3-	4/0 ACSR 6/1	2620	2445	2035	190	2136	92	27	0.01	1.74	45
20851480	20851511	1.85	447 3-	4/0 ACSR 6/1	2596	2422	2013	190	2123	91	27	0.01	1.77	41
20851686	20851480	1.94	441 3-	4/0 ACSR 6/1	2526	2352	1946	189	2092	90	27	0.02	1.85	124
20851685	20851686	2.01	440 3-	4/0 ACSR 6/1	2479	2306	1903	189	2088	90	27	0.02	1.90	85
15240016	20851685	2.07	439 3-	4/0 ACSR 6/1	2433	2260	1860	189	2086	90	27	0.02	1.96	88
15240015	15240016	2.23	429 3-	4/0 ACSR 6/1	2334	2163	1770	188	2031	87	26	0.02	2.08	197
20851096	15240015	2.25	1 1-	2 ACSR 6/1	0	0	1751	188	4	0	0	0.00	0.57	0
15240022	15240015	2.34	428 3-	4/0 ACSR 6/1	2265	2096	1707	188	2025	87	26	0.02	2.17	147

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15140056	15240022	2.44	427 3-	4/0 ACSR 6/1	2207	2039	1655	188	2019	87	26	0.02	2.25	131
15140060	15140056	2.48	3 1-	2 ACSR 6/1	0	0	1629	187	7	0	0	0.00	2.15	0
15140059	15140056	2.47	422 3-	4/0 ACSR 6/1	2191	2024	1641	188	2007	87	26	0.00	2.28	36
15140057	15140059	2.52	1 1-	2 ACSR 6/1	0	0	1610	187	2	0	0	0.00	0.61	0
15140018	15140059	2.53	421 3-	4/0 ACSR 6/1	2160	1993	1613	187	2004	86	26	0.01	2.32	74
15140062	15140018	2.57	417 3-	4/0 ACSR 6/1	2139	1973	1596	187	1992	86	25	0.01	2.35	48
15140054	15140062	2.63	1 1-	2 ACSR 6/1	0	0	1559	187	9	1	1	0.00	0.62	0
15140053	15140062	2.66	415 3-	4/0 ACSR 6/1	2095	1930	1556	187	1977	85	25	0.01	2.42	109
15140058	15140053	2.67	13 3-	4/0 ACSR 6/1	2086	1922	1549	187	240	11	3	0.00	2.42	0
15140050	15140058	2.74	11 3-	4/0 ACSR 6/1	2053	1890	1520	187	239	11	3	0.01	2.43	1
15140051	15140050	2.79	2 1-	2 ACSR 6/1	0	0	1493	186	15	1	1	0.00	2.35	0
15140076	15140051	2.82	1 1-	2 ACSR 6/1	0	0	1477	186	10	1	1	0.00	2.35	0
15140019	15140050	2.78	9 3-	4/0 ACSR 6/1	2033	1870	1503	186	224	10	3	0.01	2.44	0
15140067	15140019	2.81	2 3-	15 KV 2 URD XLP	2021	1859	1494	448	193	9	5	0.01	2.44	1
15140520	15140067	2.81	2 3-	Consumer	2021	1859	1494	448	193	9	0	0.00	2.44	0
15140020	15140019	2.82	7 1-	2 ACSR 6/1	0	0	1482	186	30	3	2	0.00	0.65	0
D15-14-P073	15140020	2.82	7 1-	REC-70-L	0	0	1482	186	30	3	6	0.00	0.65	0
15140032	D15-14-P073	2.85	7 1-	2 ACSR 6/1	0	0	1465	186	30	3	2	0.00	0.66	0
15140033	15140032	2.91	6 1-	2 ACSR 6/1	0	0	1434	185	28	3	2	0.01	0.66	0
15140039	15140033	3.02	1 1-	2 ACSR 6/1	0	0	1382	185	8	1	1	0.00	0.66	0
15140034	15140033	3.17	5 1-	2 ACSR 6/1	0	0	1311	183	19	2	1	0.02	0.68	0
15140035	15140034	3.27	3 1-	2 ACSR 6/1	0	0	1269	183	13	1	1	0.00	0.68	0
15140037	15140035	3.32	2 1-	2 ACSR 6/1	0	0	1249	182	5	0	0	0.00	0.68	0
15140038	15140037	3.38	1 1-	2 ACSR 6/1	0	0	1225	182	5	0	0	0.00	0.68	0
15140052	15140053	2.72	2 1-	2 ACSR 6/1	0	0	1517	186	4	0	0	0.00	0.63	0
15140040	15140053	2.73	400 3-	4/0 ACSR 6/1	2058	1894	1524	187	1732	74	22	0.00	2.47	76
15140063	15140040	2.80	123 3-	4/0 ACSR 6/1	2026	1863	1497	186	528	22	7	0.00	2.48	11
15140064	15140063	2.85	121 3-	4/0 ACSR 6/1	2002	1840	1476	186	521	22	7	0.00	2.49	8
15140061	15140064	2.93	119 3-	4/0 ACSR 6/1	1964	1804	1444	186	517	22	7	0.00	2.51	13
15140065	15140061	3.02	118 3-	4/0 ACSR 6/1	1928	1769	1413	186	515	22	7	0.00	2.53	12
15140066	15140065	3.07	117 3-	4/0 ACSR 6/1	1904	1746	1393	185	503	21	6	0.00	2.54	8
15140068	15140066	3.16	116 3-	4/0 ACSR 6/1	1869	1713	1364	185	500	21	6	0.00	2.55	12
15140069	15140068	3.54	112 3-	4/0 ACSR 6/1	1727	1578	1246	184	486	21	6	0.00	2.62	50
15030046	15140069	3.69	110 3-	4/0 ACSR 6/1	1678	1531	1206	183	480	20	6	0.00	2.65	18
15130019	15030046	3.73	1 1-	2 ACSR 6/1	0	0	1190	183	1	0	0	0.00	2.32	0
15130018	15030046	3.73	1 1-	2 ACSR 6/1	0	0	1190	183	9	1	1	0.00	2.32	0
15130017	15030046	3.92	108 3-	4/0 ACSR 6/1	1606	1463	1148	183	469	20	6	0.00	2.69	29
15030030	15130017	4.16	108 3-	4/0 ACSR 6/1	1537	1398	1092	182	469	20	6	0.00	2.73	30
D15-03-P012	15030030	4.16	6 1-	FUS-70	0	0	1092	182	30	3	7	0.00	5.28	0
15030039	D15-03-P012	4.34	6 1-	2 ACSR 6/1	0	0	1042	180	30	3	2	0.02	5.30	0
15030041	15030039	4.38	3 1-	2 ACSR 6/1	0	0	1031	180	14	1	1	0.00	5.30	0
15030043	15030041	4.57	2 1-	2 ACSR 6/1	0	0	983	179	11	1	1	0.01	5.31	0
15030044	15030043	4.59	0 1-	2 ACSR 6/1	0	0	978	178	0	0	0	0.00	5.31	0
15030045	15030044	4.81	0 1-	2 ACSR 6/1	0	0	925	177	0	0	0	0.00	5.31	0
15030052	15030043	4.63	1 1-	2 ACSR 6/1	0	0	969	178	8	1	1	0.00	5.31	0
15030040	15030039	4.37	2 1-	2 ACSR 6/1	0	0	1034	180	10	1	1	0.00	5.30	0
15030038	15030030	4.40	80 3-	4/0 ACSR 6/1	1475	1340	1044	181	361	15	5	0.02	2.76	21
9930026	15030038	4.46	10 1-	2 ACSR 6/1	0	0	1027	180	54	7	4	0.01	2.26	0
9930027	9930026	4.50	8 1-	2 ACSR 6/1	0	0	1018	180	44	5	3	0.01	2.27	0
9930028	9930027	4.55	3 1-	2 ACSR 6/1	0	0	1004	180	13	1	1	0.00	2.27	0
9930019	9930027	4.55	5 1-	2 ACSR 6/1	0	0	1003	180	31	4	2	0.01	2.27	0
9930038	9930019	4.59	4 1-	2 ACSR 6/1	0	0	993	179	24	3	2	0.00	2.28	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9930039	9930038	4.68	2 1-	2 ACSR 6/1	0	0	972	179	8	1	1	0.00	2.28	0
9930030	9930019	4.61	1 1-	2 ACSR 6/1	0	0	989	179	7	0	0	0.00	2.28	0
9930029	9930019	4.62	0 1-	2 ACSR 6/1	0	0	985	179	0	0	0	0.00	2.27	0
9930020	15030038	4.49	70 3-	4/0 ACSR 6/1	1452	1319	1026	181	307	13	4	0.01	2.78	8
9930033	9930020	4.53	1 1-	2 ACSR 6/1	0	0	1015	180	4	0	0	0.00	0.66	0
9930034	9930020	4.55	69 3-	4/0 ACSR 6/1	1438	1305	1015	180	303	13	4	0.01	2.78	5
9930036	9930034	4.64	66 3-	4/0 ACSR 6/1	1418	1286	999	180	296	13	4	0.01	2.79	7
9930037	9930036	4.71	63 3-	4/0 ACSR 6/1	1401	1270	986	180	274	12	4	0.01	2.80	6
9930021	9930037	4.82	62 3-	4/0 ACSR 6/1	1376	1247	966	179	270	11	3	0.01	2.81	8
9830052	9930021	4.97	6 3-	4/0 ACSR 6/1	1344	1217	942	179	37	1	0	0.00	2.81	0
9830101	9830052	5.06	5 3-	4/0 ACSR 6/1	1325	1200	927	179	33	1	0	0.00	2.81	0
9830103	9830101	5.19	1 1-	2 ACSR 6/1	0	0	901	178	6	0	0	0.00	2.15	0
9830102	9830101	5.62	0 3-	4/0 ACSR 6/1	1221	1103	847	177	0	0	0	0.00	2.81	0
09-83-P010-B	9830102	5.62	0 3-	Open	1221	1103	847	177	0	0	0	0.00	2.81	0
9830087	9830101	5.10	3 1-	2 ACSR 6/1	0	0	920	178	19	2	1	0.00	5.60	0
9830113	9830087	5.16	2 1-	2 ACSR 6/1	0	0	907	178	16	2	1	0.00	5.60	0
9830114	9830113	5.25	1 1-	15 KV 2 URD XLP	0	0	889	388	9	1	1	0.00	5.60	0
9830086	9830052	5.01	1 1-	2 ACSR 6/1	0	0	933	179	4	0	0	0.00	0.70	0
9830050	9930021	4.92	56 1-	2 ACSR 6/1	0	0	945	179	233	30	17	0.08	5.67	16
D09-83-P023	9830050	4.92	56 1-	REC-70-L	0	0	945	179	233	30	44	0.00	5.67	0
9830082	D09-83-P023	5.00	56 1-	2 ACSR 6/1	0	0	926	178	233	30	17	0.08	5.75	14
9830083	9830082	5.08	53 1-	2 ACSR 6/1	0	0	909	177	212	28	16	0.06	5.81	11
9830085	9830083	5.15	42 1-	2 ACSR 6/1	0	0	894	177	156	20	11	0.04	5.85	5
9830051	9830085	5.24	0 1-	2 ACSR 6/1	0	0	877	176	0	0	0	0.00	5.85	0
9830073	9830085	5.23	42 1-	2 ACSR 6/1	0	0	879	176	156	20	11	0.04	5.89	5
9830088	9830073	5.26	41 1-	2 ACSR 6/1	0	0	872	176	152	20	11	0.02	5.92	3
9930025	9830088	5.29	39 1-	2 ACSR 6/1	0	0	866	176	146	19	11	0.02	5.93	2
9930023	9930025	5.34	32 1-	2 ACSR 6/1	0	0	857	176	131	17	10	0.02	5.96	2
9930024	9930023	5.39	31 1-	2 ACSR 6/1	0	0	848	175	121	16	9	0.02	5.98	2
9830065	9930024	5.42	30 1-	2 ACSR 6/1	0	0	842	175	118	15	9	0.01	5.99	1
9830111	9830065	5.45	1 1-	2 ACSR 6/1	0	0	837	175	4	0	0	0.00	5.99	0
9830066	9830065	5.52	28 1-	2 ACSR 6/1	0	0	825	174	112	14	8	0.04	6.03	4
9840101	9830066	5.64	1 1-	2 ACSR 6/1	0	0	803	173	11	1	1	0.00	6.03	0
9840098	9830066	5.54	27 1-	2 ACSR 6/1	0	0	821	174	101	13	7	0.01	6.04	0
9840099	9840098	5.70	26 1-	2 ACSR 6/1	0	0	794	173	100	13	7	0.06	6.10	5
9840059	9840099	5.77	21 1-	2 ACSR 6/1	0	0	782	172	85	11	6	0.02	6.12	1
9840060	9840059	5.87	17 1-	2 ACSR 6/1	0	0	767	172	65	8	5	0.02	6.15	1
9840104	9840060	5.95	16 1-	2 ACSR 6/1	0	0	754	171	63	8	5	0.02	6.17	0
09-84-P022-B	9840104	5.95	16 1-	Closed	0	0	754	171	63	8	0	0.00	6.17	0
09-84-P022-A	09-84-P022-B	5.95	16 1-	Closed	0	0	754	171	63	8	0	0.00	6.17	0
9840105	09-84-P022-A	5.96	16 1-	2 ACSR 6/1	0	0	752	171	63	8	5	0.00	6.17	0
9840064	9840105	6.11	1 1-	2 ACSR 6/1	0	0	731	170	4	0	0	0.00	6.17	0
9840063	9840105	6.01	13 1-	2 ACSR 6/1	0	0	746	171	48	6	4	0.01	6.18	0
9840097	9840063	6.05	6 1-	2 ACSR 6/1	0	0	740	171	18	2	1	0.00	6.18	0
9840096	9840097	6.10	5 1-	2 ACSR 6/1	0	0	733	170	18	2	1	0.00	6.18	0
9840093	9840096	6.14	2 1-	2 ACSR 6/1	0	0	727	170	6	0	0	0.00	6.18	0
9840094	9840093	6.18	1 1-	2 ACSR 6/1	0	0	721	170	5	0	0	0.00	6.18	0
9840090	9840094	6.19	0 1-	2 ACSR 6/1	0	0	719	170	0	0	0	0.00	6.18	0
09-84-P009-A	9840090	6.19	0 1-	Open	0	0	719	170	0	0	0	0.00	6.18	0
9840095	9840097	6.15	0 1-	2 ACSR 6/1	0	0	725	170	0	0	0	0.00	6.18	0
9840100	9840063	6.04	7 1-	2 ACSR 6/1	0	0	741	171	30	3	2	0.00	6.18	0
9840091	9840100	6.08	3 1-	2 ACSR 6/1	0	0	735	170	12	1	1	0.00	6.18	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9840092	9840091	6.13	2 1-	2 ACSR 6/1	0	0	728	170	6	0	0	0.00	6.18	0
9840089	9840092	6.19	1 1-	2 ACSR 6/1	0	0	719	170	1	0	0	0.00	6.18	0
9840065	9840100	6.07	4 1-	2 ACSR 6/1	0	0	736	170	18	2	1	0.00	6.18	0
9840066	9840065	6.10	3 1-	2 ACSR 6/1	0	0	732	170	8	1	1	0.00	6.18	0
9840067	9840066	6.14	3 1-	2 ACSR 6/1	0	0	726	170	8	1	1	0.00	6.18	0
9840068	9840067	6.20	2 1-	2 ACSR 6/1	0	0	718	169	3	0	0	0.00	6.18	0
9840069	9840068	6.23	2 1-	2 ACSR 6/1	0	0	715	169	3	0	0	0.00	6.18	0
9840088	9840069	6.26	1 1-	2 ACSR 6/1	0	0	711	169	1	0	0	0.00	6.18	0
9840061	9840060	5.90	1 1-	2 ACSR 6/1	0	0	762	172	1	0	0	0.00	6.15	0
9840062	9840061	5.97	0 1-	2 ACSR 6/1	0	0	751	171	0	0	0	0.00	6.15	0
9840058	9840099	5.74	1 1-	2 ACSR 6/1	0	0	788	173	2	0	0	0.00	6.10	0
9840057	9840099	5.75	1 1-	2 ACSR 6/1	0	0	785	173	1	0	0	0.00	6.10	0
9840056	9840099	5.78	2 1-	2 ACSR 6/1	0	0	781	172	8	1	1	0.00	6.10	0
9930022	9930025	5.37	1 1-	2 ACSR 6/1	0	0	852	175	1	0	0	0.00	5.93	0
9830084	9830083	5.12	9 1-	2 ACSR 6/1	0	0	901	177	47	6	3	0.01	5.82	0
9830078	9830084	5.21	1 1-	2 ACSR 6/1	0	0	883	177	8	1	1	0.00	5.82	0
9830071	9830084	5.16	8 1-	2 ACSR 6/1	0	0	894	177	39	5	3	0.00	5.82	0
9830072	9830071	5.25	5 1-	2 ACSR 6/1	0	0	874	176	30	3	2	0.01	5.83	0
9830076	9830072	5.33	3 1-	2 ACSR 6/1	0	0	858	176	19	2	1	0.00	5.83	0
9830077	9830076	5.36	2 1-	2 ACSR 6/1	0	0	853	175	12	1	1	0.00	5.84	0
9830074	9830077	5.44	1 1-	2 ACSR 6/1	0	0	838	175	5	0	0	0.00	5.84	0
9830081	9830082	5.04	2 1-	2 ACSR 6/1	0	0	917	178	13	1	1	0.00	5.75	0
9830080	9830081	5.07	1 1-	2 ACSR 6/1	0	0	911	178	6	0	0	0.00	5.75	0
9830079	9830080	5.13	0 1-	2 ACSR 6/1	0	0	899	177	0	0	0	0.00	5.75	0
9930035	9930034	4.62	3 1-	2 ACSR 6/1	0	0	997	180	6	0	0	0.00	2.21	0
15030037	15030030	4.20	21 1-	2 ACSR 6/1	0	0	1082	181	75	9	5	0.01	2.30	0
D15-03-P015	15030037	4.20	20 1-	RBC-35-L	0	0	1082	181	75	9	27	0.00	2.30	0
15030042	D15-03-P015	4.25	20 1-	2 ACSR 6/1	0	0	1069	181	75	9	5	0.01	2.31	0
15030031	15030042	4.28	19 1-	2 ACSR 6/1	0	0	1059	181	73	9	5	0.01	2.32	0
15030032	15030031	4.34	16 1-	2 ACSR 6/1	0	0	1043	180	59	7	4	0.01	2.33	0
15030036	15030032	4.40	2 1-	2 ACSR 6/1	0	0	1025	180	4	0	0	0.00	2.33	0
15030022	15030036	4.45	1 1-	2 ACSR 6/1	0	0	1012	180	2	0	0	0.00	2.33	0
15030034	15030032	4.39	5 1-	2 ACSR 6/1	0	0	1027	180	24	3	2	0.01	2.34	0
15030035	15030034	4.41	4 1-	2 ACSR 6/1	0	0	1023	180	23	2	2	0.00	2.34	0
9930040	15030035	4.45	3 1-	2 ACSR 6/1	0	0	1012	179	13	1	1	0.00	2.34	0
9930032	9930040	4.51	1 1-	2 ACSR 6/1	0	0	998	179	7	0	0	0.00	2.34	0
9930031	9930040	4.51	1 1-	2 ACSR 6/1	0	0	998	179	2	0	0	0.00	2.34	0
15030033	15030032	4.40	6 1-	2 ACSR 6/1	0	0	1027	180	25	3	2	0.01	2.34	0
15030024	15030033	4.41	3 1-	2 ACSR 6/1	0	0	1023	180	8	0	1	0.00	2.34	0
15030023	15030033	4.43	3 1-	2 ACSR 6/1	0	0	1017	180	17	2	1	0.00	2.34	0
15030050	15030023	4.46	2 1-	2 ACSR 6/1	0	0	1010	179	11	1	1	0.00	2.34	0
15030051	15030050	4.50	1 1-	2 ACSR 6/1	0	0	1000	179	5	0	0	0.00	2.34	0
15030025	15030023	4.52	1 1-	2 ACSR 6/1	0	0	994	179	6	0	0	0.00	2.34	0
15030026	15030031	4.35	3 1-	2 ACSR 6/1	0	0	1040	180	14	1	1	0.00	2.32	0
15030027	15030037	4.25	1 1-	2 ACSR 6/1	0	0	1066	181	1	0	0	0.00	2.30	0
15030028	15140069	3.65	2 1-	2 ACSR 6/1	0	0	1206	183	6	0	0	0.00	4.91	0
15030029	15030028	3.72	1 1-	2 ACSR 6/1	0	0	1179	182	5	0	0	0.00	4.91	0
15140041	15140040	2.79	1 1-	2 ACSR 6/1	0	0	1489	186	1	0	0	0.00	4.40	0
15140036	15140040	2.79	275 3-	1/0 ACSR 6/1	2024	1861	1497	186	1199	51	22	0.01	2.52	51
D15-14-P034	15140036	2.79	275 3-	RBC-70-L	2024	1861	1497	186	1199	51	74	0.00	2.52	0
15140043	D15-14-P034	2.81	275 3-	1/0 ACSR 6/1	2011	1848	1487	186	1199	51	22	0.00	2.54	20
15140045	15140043	2.97	272 3-	1/0 ACSR 6/1	1921	1760	1416	185	1184	51	22	0.02	2.67	143

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15140047	15140045	3.09	271 3-	1/0 ACSR 6/1	1854	1695	1364	185	1175	50	22	0.02	2.77	113
15140048	15140047	3.20	270 3-	1/0 ACSR 6/1	1804	1646	1325	184	1168	50	22	0.02	2.85	89
15140024	15140048	3.26	268 3-	1/0 ACSR 6/1	1775	1618	1302	184	1155	49	22	0.01	2.90	53
15140025	15140024	3.30	268 3-	1/0 ACSR 6/1	1755	1599	1287	184	1154	49	22	0.01	2.93	36
15140026	15140025	3.35	2 1-	2 ACSR 6/1	0	0	1267	183	4	0	0	0.00	3.16	0
15140077	15140026	3.41	1 1-	2 ACSR 6/1	0	0	1242	183	1	0	0	0.00	3.16	0
15140078	15140077	3.58	0 1-	2 ACSR 6/1	0	0	1177	181	0	0	0	0.00	3.16	0
15140028	15140025	3.35	266 3-	1/0 ACSR 6/1	1730	1575	1268	183	1150	49	22	0.01	2.98	47
15140029	15140028	3.41	6 1-	2 ACSR 6/1	0	0	1246	183	31	4	2	0.01	3.24	0
15140030	15140029	3.46	4 1-	2 ACSR 6/1	0	0	1227	182	26	3	2	0.00	3.24	0
15140081	15140030	3.49	1 1-	2 ACSR 6/1	0	0	1216	182	7	0	0	0.00	3.24	0
15140031	15140030	3.52	1 1-	2 ACSR 6/1	0	0	1202	182	11	1	1	0.00	3.25	0
15140021	15140031	3.59	1 1-	2 ACSR 6/1	0	0	1178	181	11	1	1	0.00	3.25	0
15140017	15140031	3.83	0 1-	2 ACSR 6/1	0	0	1098	180	0	0	0	0.00	3.25	0
15140027	15140028	3.41	259 3-	1/0 ACSR 6/1	1705	1551	1249	183	1116	48	21	0.01	3.02	45
15140023	15140027	3.48	259 3-	1/0 ACSR 6/1	1676	1523	1226	183	1115	48	21	0.01	3.07	54
15040009	15140023	3.56	255 3-	1/0 ACSR 6/1	1641	1489	1200	182	1106	47	21	0.01	3.14	66
15040010	15040009	3.66	252 3-	1/0 ACSR 6/1	1603	1452	1170	182	1092	47	21	0.01	3.21	74
15040008	15040010	3.67	0 1-	2 ACSR 6/1	0	0	1166	182	0	0	0	0.00	3.62	0
15040006	15040010	3.69	2 1-	2 ACSR 6/1	0	0	1161	181	15	1	1	0.00	5.23	0
15040007	15040006	3.76	1 1-	2 ACSR 6/1	0	0	1137	181	7	0	1	0.00	5.23	0
15040005	15040010	4.26	250 3-	1/0 ACSR 6/1	1398	1258	1017	179	1077	46	20	0.09	3.65	453
9940012	15040005	4.33	250 3-	1/0 ACSR 6/1	1376	1238	1000	178	1072	46	20	0.01	3.71	56
9940011	9940012	4.37	248 3-	1/0 ACSR 6/1	1364	1226	991	178	1057	46	20	0.01	3.74	32
9940016	9940011	4.48	247 3-	1/0 ACSR 6/1	1335	1199	970	177	1049	45	20	0.01	3.81	74
9940015	9940016	4.55	2 1-	2 ACSR 6/1	0	0	951	177	7	0	1	0.00	5.89	0
9940014	9940016	4.55	243 3-	1/0 ACSR 6/1	1315	1181	955	177	1035	45	20	0.01	3.86	53
9940010	9940014	4.60	239 3-	1/0 ACSR 6/1	1302	1168	945	177	1014	44	19	0.01	3.90	35
9940009	9940010	4.64	0 1-	2 ACSR 6/1	0	0	936	177	0	0	0	0.00	4.82	0
D09-94-P018	9940009	4.64	0 1-	FUS-40	0	0	936	177	0	0	0	0.00	4.82	0
9940017	D09-94-P018	5.09	0 1-	2 ACSR 6/1	0	0	843	173	0	0	0	0.00	4.82	0
9940008	9940010	4.83	239 3-	1/0 ACSR 6/1	1244	1114	902	176	1014	44	19	0.03	4.06	163
9950056	9940008	4.91	1 1-	2 ACSR 6/1	0	0	886	175	2	0	0	0.00	6.13	0
9950036	9940008	4.90	237 3-	1/0 ACSR 6/1	1226	1098	895	175	1007	44	19	0.01	4.11	52
9950044	9950036	4.95	4 1-	2 ACSR 6/1	0	0	880	175	18	2	1	0.00	0.95	0
9950045	9950044	4.98	3 1-	2 ACSR 6/1	0	0	874	175	13	1	1	0.00	0.95	0
9950046	9950045	5.07	3 1-	2 ACSR 6/1	0	0	857	174	13	1	1	0.00	0.95	0
9950047	9950046	5.14	2 1-	2 ACSR 6/1	0	0	843	174	10	1	1	0.00	0.95	0
9950035	9950036	5.01	233 3-	1/0 ACSR 6/1	1203	1076	872	175	989	43	19	0.01	4.18	69
9950040	9950035	5.07	7 1-	2 ACSR 6/1	0	0	859	174	15	1	1	0.00	5.35	0
9950042	9950040	5.13	3 1-	2 ACSR 6/1	0	0	848	174	12	1	1	0.00	5.35	0
9950043	9950042	5.15	2 1-	2 ACSR 6/1	0	0	843	174	5	0	0	0.00	5.35	0
9950041	9950040	5.13	2 1-	2 ACSR 6/1	0	0	848	174	3	0	0	0.00	5.35	0
9950039	9950035	5.09	1 1-	2 ACSR 6/1	0	0	855	174	4	0	0	0.00	0.95	0
9950055	9950035	5.08	225 3-	1/0 ACSR 6/1	1187	1061	860	174	969	42	18	0.01	4.23	48
9950054	9950055	5.15	223 3-	1/0 ACSR 6/1	1172	1047	849	174	964	42	18	0.01	4.28	45
9950052	9950054	5.19	2 1-	2 ACSR 6/1	0	0	840	174	14	1	1	0.00	0.97	0
9950051	9950054	5.23	219 3-	1/0 ACSR 6/1	1155	1031	836	174	944	41	18	0.00	4.33	53
9950053	9950051	5.28	3 1-	2 ACSR 6/1	0	0	826	173	17	2	1	0.00	0.97	0
9950034	9950051	5.36	216 3-	1/0 ACSR 6/1	1128	1006	817	173	926	40	18	0.00	4.42	83
9950065	9950034	5.50	215 3-	1/0 ACSR 6/1	1101	981	797	172	924	40	18	0.00	4.51	89
9950064	9950065	5.55	16 1-	2 ACSR 6/1	0	0	788	172	53	7	4	0.01	6.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9950048	9950064	5.68	15 1-	2 ACSR 6/1	0	0	767	171	47	6	4	0.02	6.62	0
9950037	9950048	5.81	14 1-	2 ACSR 6/1	0	0	748	170	44	5	3	0.02	6.64	0
9850018	9950037	5.95	13 1-	2 ACSR 6/1	0	0	727	169	41	5	3	0.02	6.66	0
9850025	9850018	6.07	10 1-	2 ACSR 6/1	0	0	710	168	27	3	2	0.01	6.67	0
9850030	9850025	6.19	3 1-	2 ACSR 6/1	0	0	695	168	11	1	1	0.00	6.67	0
9950070	9850030	6.24	2 1-	2 ACSR 6/1	0	0	688	167	7	0	0	0.00	6.68	0
9950069	9850030	6.25	1 1-	2 ACSR 6/1	0	0	688	167	4	0	0	0.00	6.68	0
9850026	9850018	6.04	3 1-	2 ACSR 6/1	0	0	715	169	14	1	1	0.00	6.67	0
9850019	9850026	6.09	2 1-	2 ACSR 6/1	0	0	708	168	11	1	1	0.00	6.67	0
9850020	9850019	6.10	1 1-	2 ACSR 6/1	0	0	706	168	6	0	0	0.00	6.67	0
9850021	9950037	5.92	1 1-	2 ACSR 6/1	0	0	732	169	3	0	0	0.00	6.64	0
9850022	9850021	5.96	0 1-	2 ACSR 6/1	0	0	727	169	0	0	0	0.00	6.64	0
9850016	9850022	6.18	0 1-	2 ACSR 6/1	0	0	697	168	0	0	0	0.00	6.64	0
9850023	9850016	6.29	0 1-	2 ACSR 6/1	0	0	683	167	0	0	0	0.00	6.64	0
9850017	9850016	6.29	0 1-	2 ACSR 6/1	0	0	682	167	0	0	0	0.00	6.64	0
9850015	9850022	6.00	0 1-	2 ACSR 6/1	0	0	720	169	0	0	0	0.00	6.64	0
9950049	9950048	5.72	1 1-	2 ACSR 6/1	0	0	761	171	4	0	0	0.00	6.62	0
9950063	9950065	5.57	1 1-	2 ACSR 6/1	0	0	784	172	3	0	0	0.00	6.58	0
9950058	9950065	5.60	197 3-	1/0 ACSR 6/1	1083	965	784	172	866	38	17	0.00	4.56	57
9950062	9950058	5.69	195 3-	1/0 ACSR 6/1	1067	950	772	171	856	37	16	0.00	4.62	54
D09-95-P024	9950062	5.69	8 1-	REC-25-H	0	0	772	171	18	2	10	0.00	6.20	0
9950038	D09-95-P024	6.74	8 1-	2 ACSR 6/1	0	0	634	164	18	2	1	0.07	6.28	0
15150021	9950038	6.78	6 1-	2 ACSR 6/1	0	0	629	164	14	1	1	0.00	6.28	0
15150022	15150021	6.83	5 1-	2 ACSR 6/1	0	0	624	164	10	1	1	0.00	6.28	0
15150018	15150022	6.87	3 1-	2 ACSR 6/1	0	0	619	163	8	1	1	0.00	6.28	0
15150010	15150018	7.11	2 1-	2 ACSR 6/1	0	0	596	162	6	0	0	0.00	6.28	0
15150011	15150010	7.54	0 1-	2 ACSR 6/1	0	0	557	159	0	0	0	0.00	6.28	0
15150012	15150011	7.56	0 1-	2 ACSR 6/1	0	0	555	159	0	0	0	0.00	6.28	0
15150016	15150012	7.63	0 1-	2 ACSR 6/1	0	0	550	159	0	0	0	0.00	6.28	0
15150013	15150012	7.69	0 1-	2 ACSR 6/1	0	0	544	158	0	0	0	0.00	6.28	0
15150015	15150013	7.73	0 1-	2 ACSR 6/1	0	0	541	158	0	0	0	0.00	6.28	0
15150014	15150013	7.76	0 1-	2 ACSR 6/1	0	0	539	158	0	0	0	0.00	6.28	0
15150017	15150022	6.88	1 1-	2 ACSR 6/1	0	0	618	163	2	0	0	0.00	6.28	0
15150009	9950038	6.81	2 1-	2 ACSR 6/1	0	0	626	164	4	0	0	0.00	6.28	0
9950060	9950062	5.73	186 3-	1/0 ACSR 6/1	1059	943	767	171	831	36	16	0.00	4.64	22
9950059	9950060	5.78	184 3-	1/0 ACSR 6/1	1050	935	760	171	825	36	16	0.00	4.67	29
9950033	9950059	5.88	184 3-	1/0 ACSR 6/1	1032	918	746	170	825	36	16	0.00	4.73	60
9960082	9950033	5.98	3 1-	2 ACSR 6/1	0	0	733	170	7	0	1	0.00	0.96	0
9960083	9960082	6.02	1 1-	2 ACSR 6/1	0	0	726	169	4	0	0	0.00	0.96	0
9960048	9950033	6.01	181 3-	1/0 ACSR 6/1	1012	900	732	170	817	36	16	-0.01	4.80	67
9960081	9960048	6.04	2 1-	2 ACSR 6/1	0	0	727	170	2	0	0	0.00	6.61	0
9960080	9960048	6.10	179 3-	1/0 ACSR 6/1	998	887	721	169	814	35	16	-0.01	4.85	50
9960079	9960080	6.18	177 3-	1/0 ACSR 6/1	985	875	712	169	804	35	15	-0.01	4.89	44
9960058	9960079	6.25	85 1-	2 ACSR 6/1	0	0	703	169	386	51	29	0.10	6.92	32
D09-96-P056	9960058	6.25	8 1-	REC-50-H	0	0	703	169	48	6	13	0.00	6.92	0
9960067	D09-96-P056	6.30	8 1-	2 ACSR 6/1	0	0	696	168	48	6	4	0.01	6.93	0
9960068	9960067	6.36	6 1-	2 ACSR 6/1	0	0	688	168	40	5	3	0.01	6.94	0
9960069	9960068	6.42	3 1-	2 ACSR 6/1	0	0	681	167	10	1	1	0.00	6.94	0
9960070	9960069	6.43	2 1-	2 ACSR 6/1	0	0	680	167	10	1	1	0.00	6.94	0
9960047	9960068	6.40	3 1-	2 ACSR 6/1	0	0	683	167	30	4	2	0.00	6.95	0
9960059	9960047	6.45	0 1-	2 ACSR 6/1	0	0	677	167	0	0	0	0.00	6.95	0
9960057	9960047	6.48	1 1-	2 ACSR 6/1	0	0	674	167	9	1	1	0.00	6.95	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9960071	9960047	6.45	2 1-	2 ACSR 6/1	0	0	678	167	21	2	2	0.00	6.95	0
9960072	9960071	6.70	1 1-	2 ACSR 6/1	0	0	648	165	14	1	1	0.01	6.96	0
9960046	9960058	6.30	77 1-	2 ACSR 6/1	0	0	696	168	338	45	25	0.07	6.99	19
9960055	9960046	6.34	76 1-	2 ACSR 6/1	0	0	691	168	336	44	25	0.05	7.04	14
9960090	9960055	6.36	75 1-	2 ACSR 6/1	0	0	689	168	335	44	25	0.03	7.07	7
9960091	9960090	6.39	74 1-	2 ACSR 6/1	0	0	685	168	325	43	24	0.04	7.11	10
9960054	9960091	6.41	14 1-	2 ACSR 6/1	0	0	682	167	81	10	6	0.01	7.11	0
9960056	9960054	6.46	13 1-	2 ACSR 6/1	0	0	676	167	77	10	6	0.01	7.13	0
9960050	9960056	6.54	10 1-	2 ACSR 6/1	0	0	666	167	49	6	4	0.02	7.14	0
9960052	9960050	6.59	1 1-	2 ACSR 6/1	0	0	661	166	2	0	0	0.00	7.14	0
9960051	9960050	6.62	7 1-	2 ACSR 6/1	0	0	657	166	43	5	3	0.01	7.15	0
9960045	9960051	6.71	0 1-	2 ACSR 6/1	0	0	646	165	0	0	0	0.00	7.15	0
9960064	9960051	6.66	7 1-	2 ACSR 6/1	0	0	652	166	43	5	3	0.01	7.16	0
9960065	9960064	6.74	6 1-	2 ACSR 6/1	0	0	643	165	36	4	3	0.01	7.17	0
9960063	9960065	6.79	2 1-	2 ACSR 6/1	0	0	637	165	2	0	0	0.00	7.17	0
9960060	9960065	6.78	3 1-	2 ACSR 6/1	0	0	639	165	23	3	2	0.00	7.17	0
9960061	9960060	6.83	2 1-	2 ACSR 6/1	0	0	633	165	13	1	1	0.00	7.18	0
9960062	9960061	6.90	1 1-	2 ACSR 6/1	0	0	626	164	6	0	0	0.00	7.18	0
9960053	9960065	6.80	1 1-	2 ACSR 6/1	0	0	637	165	11	1	1	0.00	7.17	0
9960049	9960056	6.55	2 1-	2 ACSR 6/1	0	0	665	166	18	2	1	0.00	7.13	0
9960087	9960091	6.49	59 1-	2 ACSR 6/1	0	0	672	167	237	31	18	0.09	7.20	17
15060028	9960087	6.60	54 1-	2 ACSR 6/1	0	0	659	166	223	29	17	0.09	7.29	17
15060027	15060028	6.66	3 1-	2 ACSR 6/1	0	0	653	166	11	1	1	0.00	7.29	0
15060026	15060028	6.66	3 1-	2 ACSR 6/1	0	0	653	166	12	1	1	0.00	7.29	0
15060029	15060026	6.71	2 1-	2 ACSR 6/1	0	0	646	165	8	1	1	0.00	7.29	0
15060025	15060028	6.69	48 1-	2 ACSR 6/1	0	0	649	166	200	26	15	0.07	7.36	12
15060015	15060025	6.74	0 1-	2 ACSR 6/1	0	0	643	165	0	0	0	0.00	7.36	0
15060021	15060025	6.75	2 1-	2 ACSR 6/1	0	0	642	165	5	0	0	0.00	7.36	0
15060018	15060025	6.89	46 1-	2 ACSR 6/1	0	0	627	164	195	26	15	0.15	7.51	24
15060016	15060018	6.96	0 1-	2 ACSR 6/1	0	0	620	164	0	0	0	0.00	7.51	0
15060022	15060018	6.96	2 1-	2 ACSR 6/1	0	0	620	164	13	1	1	0.00	7.51	0
15060031	15060018	7.03	37 1-	2 ACSR 6/1	0	0	612	163	156	20	12	0.08	7.59	10
15160014	15060031	7.12	3 1-	2 ACSR 6/1	0	0	603	163	12	1	1	0.00	7.60	0
15160015	15160014	7.16	2 1-	2 ACSR 6/1	0	0	600	163	9	1	1	0.00	7.60	0
15160011	15060031	7.14	32 1-	2 ACSR 6/1	0	0	602	163	135	18	10	0.06	7.65	6
15160016	15160011	7.19	2 1-	2 ACSR 6/1	0	0	597	162	14	1	1	0.00	7.65	0
15160010	15160011	7.23	29 1-	2 ACSR 6/1	0	0	593	162	121	16	9	0.04	7.69	4
15160030	15160010	7.25	26 1-	2 ACSR 6/1	0	0	591	162	106	14	8	0.01	7.70	0
15160032	15160030	7.29	25 1-	2 ACSR 6/1	0	0	588	162	101	13	8	0.01	7.71	0
D15-16-P005	15160032	7.29	21 1-	RBC-35-H	0	0	588	162	78	10	30	0.00	7.71	0
15160037	D15-16-P005	7.35	21 1-	2 ACSR 6/1	0	0	581	161	78	10	6	0.02	7.73	1
15160031	15160037	7.42	19 1-	2 ACSR 6/1	0	0	575	161	72	9	5	0.02	7.75	0
15160021	15160031	7.49	17 1-	2 ACSR 6/1	0	0	569	160	69	9	5	0.02	7.77	1
15160034	15160021	7.59	11 1-	2 ACSR 6/1	0	0	560	160	41	5	3	0.01	7.78	0
15160033	15160034	7.65	1 1-	2 ACSR 6/1	0	0	555	159	3	0	0	0.00	7.78	0
15160028	15160034	7.63	6 1-	2 ACSR 6/1	0	0	557	160	21	2	2	0.00	7.79	0
15160017	15160028	7.66	4 1-	2 ACSR 6/1	0	0	554	159	15	1	1	0.00	7.79	0
15160018	15160017	7.73	2 1-	2 ACSR 6/1	0	0	548	159	8	1	1	0.00	7.79	0
15160019	15160018	7.80	1 1-	2 ACSR 6/1	0	0	543	158	8	1	1	0.00	7.79	0
15160027	15160034	7.65	1 1-	2 ACSR 6/1	0	0	555	159	8	1	1	0.00	7.78	0
15160022	15160021	7.56	5 1-	2 ACSR 6/1	0	0	563	160	21	2	2	0.00	7.77	0
15160020	15160022	7.62	3 1-	2 ACSR 6/1	0	0	558	160	13	1	1	0.00	7.77	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15160036	15160020	7.68	1 1-	2 ACSR 6/1	0	0	553	159	5	0	0	0.00	7.78	0
15160009	15160031	7.47	2 1-	2 ACSR 6/1	0	0	571	161	3	0	0	0.00	7.75	0
15160013	15160009	7.60	1 1-	2 ACSR 6/1	0	0	559	160	1	0	0	0.00	7.75	0
15160012	15160009	7.58	1 1-	2 ACSR 6/1	0	0	562	160	3	0	0	0.00	7.75	0
15160024	15160032	7.38	3 1-	2 ACSR 6/1	0	0	578	161	16	2	1	0.01	7.72	0
15160023	15160024	7.68	2 1-	2 ACSR 6/1	0	0	553	159	13	1	1	0.01	7.73	0
15160026	15160023	7.74	1 1-	2 ACSR 6/1	0	0	548	159	11	1	1	0.00	7.73	0
15160029	15160023	7.83	0 1-	2 ACSR 6/1	0	0	541	158	0	0	0	0.00	7.73	0
15-16-P033-A	15160029	7.83	0 1-	Open	0	0	541	158	0	0	0	0.00	7.73	0
15060017	15060018	7.00	5 1-	2 ACSR 6/1	0	0	615	163	21	2	2	0.01	7.52	0
15060023	15060017	7.09	3 1-	2 ACSR 6/1	0	0	607	163	11	1	1	0.00	7.52	0
15060030	15060023	7.13	2 1-	2 ACSR 6/1	0	0	603	163	10	1	1	0.00	7.52	0
15060024	15060023	7.24	0 1-	2 ACSR 6/1	0	0	592	162	0	0	0	0.00	7.52	0
15060014	15060024	7.43	0 1-	2 ACSR 6/1	0	0	575	161	0	0	0	0.00	7.52	0
15060013	15060024	7.30	0 1-	2 ACSR 6/1	0	0	586	162	0	0	0	0.00	7.52	0
15060019	15060017	7.13	2 1-	2 ACSR 6/1	0	0	603	163	9	1	1	0.00	7.53	0
15060020	15060019	7.19	1 1-	2 ACSR 6/1	0	0	597	162	9	1	1	0.00	7.53	0
9960066	9960046	6.39	1 1-	2 ACSR 6/1	0	0	685	168	2	0	0	0.00	6.99	0
9960084	9960079	6.30	90 3-	1/0 ACSR 6/1	967	859	699	168	414	18	8	0.04	4.93	11
9960085	9960084	6.31	88 3-	1/0 ACSR 6/1	965	857	698	168	401	17	8	0.00	4.93	1
D09-96-P042	9960085	6.31	88 3-	REC-50-H	965	857	698	168	401	17	35	0.00	4.93	0
9960086	D09-96-P042	6.35	88 3-	1/0 ACSR 6/1	959	851	693	168	401	17	8	0.01	4.94	4
9960077	9960086	6.42	87 3-	1/0 ACSR 6/1	949	842	686	168	392	17	7	0.02	4.96	6
9960078	9960077	6.54	86 3-	1/0 ACSR 6/1	932	827	674	167	390	17	7	0.03	4.99	10
9860080	9960078	6.58	2 1-	2 ACSR 6/1	0	0	669	167	5	0	0	0.00	1.04	0
9860078	9860080	6.64	2 1-	2 ACSR 6/1	0	0	662	167	5	0	0	0.00	1.04	0
9860079	9960078	6.60	80 3-	1/0 ACSR 6/1	925	820	668	167	373	16	7	0.01	5.01	4
9860081	9860079	6.64	76 3-	1/0 ACSR 6/1	919	815	664	167	353	15	7	0.01	5.02	3
9860091	9860081	6.68	73 3-	1/0 ACSR 6/1	914	810	660	167	343	15	7	0.01	5.03	3
9860082	9860091	6.71	7 1-	2 ACSR 6/1	0	0	657	166	30	3	2	0.00	6.93	0
9860095	9860082	6.81	3 1-	2 ACSR 6/1	0	0	655	166	16	2	1	0.00	6.93	0
9860083	9860082	6.76	3 1-	2 ACSR 6/1	0	0	651	166	8	1	1	0.00	6.93	0
9860092	9860091	6.73	63 3-	1/0 ACSR 6/1	907	804	655	166	304	13	6	0.01	5.04	3
9860085	9860092	6.79	62 3-	1/0 ACSR 6/1	899	796	649	166	297	13	6	0.01	5.05	4
9860096	9860085	6.89	48 3-	1/0 ACSR 6/1	887	785	640	166	233	10	5	0.00	5.07	5
9860106	9860096	6.93	4 1-	2 ACSR 6/1	0	0	636	165	28	3	2	0.00	6.94	0
9860098	9860106	7.08	3 1-	2 ACSR 6/1	0	0	620	164	20	2	2	0.01	6.95	0
9860099	9860098	7.16	2 1-	2 ACSR 6/1	0	0	612	164	15	2	1	0.00	6.96	0
9850024	9860099	7.19	1 1-	2 ACSR 6/1	0	0	609	164	8	1	1	0.00	6.96	0
9860097	9860096	6.94	43 3-	1/0 ACSR 6/1	880	779	636	165	198	8	4	0.00	5.07	3
D09-86-P010	9860097	6.94	34 1-	SEC-50-GH	0	0	636	165	150	20	0	0.00	7.20	0
9860100	D09-86-P010	6.97	34 1-	2 ACSR 6/1	0	0	633	165	150	20	11	0.02	7.22	2
9860101	9860100	7.06	33 1-	2 ACSR 6/1	0	0	624	165	146	19	11	0.05	7.27	6
9860103	9860101	7.11	33 1-	2 ACSR 6/1	0	0	618	164	146	19	11	0.03	7.30	4
9860104	9860103	7.25	33 1-	2 ACSR 6/1	0	0	604	163	146	19	11	0.08	7.38	9
9860111	9860104	7.31	32 1-	2 ACSR 6/1	0	0	599	163	143	19	11	0.03	7.41	3
9860113	9860111	7.45	1 1-	2 ACSR 6/1	0	0	585	162	3	0	0	0.00	7.41	0
9860112	9860111	7.56	31 1-	2 ACSR 6/1	0	0	575	161	140	18	10	0.13	7.54	15
9860105	9860112	7.61	20 1-	2 ACSR 6/1	0	0	571	161	93	12	7	0.02	7.56	1
9860056	9860105	7.64	20 1-	2 ACSR 6/1	0	0	568	161	92	12	7	0.01	7.56	0
9860057	9860056	7.66	18 1-	2 ACSR 6/1	0	0	566	161	84	11	6	0.01	7.57	0
9860065	9860057	7.74	17 1-	2 ACSR 6/1	0	0	559	160	77	10	6	0.02	7.59	1

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9860067	9860065	7.94	11 1-	2 ACSR 6/1	0	0	543	159	53	7	4	0.04	7.63	2
9860069	9860067	8.00	5 1-	2 ACSR 6/1	0	0	539	159	32	4	2	0.01	7.64	0
9860070	9860069	8.06	4 1-	2 ACSR 6/1	0	0	534	158	29	3	2	0.01	7.65	0
9860071	9860070	8.08	4 1-	2 ACSR 6/1	0	0	532	158	29	3	2	0.00	7.65	0
9860072	9860071	8.12	2 1-	2 ACSR 6/1	0	0	529	158	14	1	1	0.00	7.65	0
9860053	9860067	8.05	5 1-	2 ACSR 6/1	0	0	535	158	20	2	1	0.01	7.64	0
9960044	9860053	8.06	5 1-	2 ACSR 6/1	0	0	533	158	20	2	1	0.00	7.64	0
9960075	9960044	8.10	2 1-	2 ACSR 6/1	0	0	530	158	7	0	1	0.00	7.64	0
9960076	9960075	8.16	1 1-	2 ACSR 6/1	0	0	526	158	2	0	0	0.00	7.64	0
9960074	9960044	8.14	2 1-	2 ACSR 6/1	0	0	527	158	9	1	1	0.00	7.64	0
9960073	9960044	8.10	1 1-	2 ACSR 6/1	0	0	531	158	4	0	0	0.00	7.64	0
9860066	9860065	7.80	2 1-	2 ACSR 6/1	0	0	555	160	9	1	1	0.00	7.60	0
9860107	9860112	7.62	7 1-	2 ACSR 6/1	0	0	570	161	33	4	2	0.01	7.55	0
9860064	9860107	7.66	5 1-	2 ACSR 6/1	0	0	566	161	22	2	2	0.00	7.55	0
9860054	9860064	7.70	4 1-	2 ACSR 6/1	0	0	563	161	16	2	1	0.00	7.55	0
9860055	9860054	7.75	3 1-	2 ACSR 6/1	0	0	558	160	11	1	1	0.00	7.55	0
9860063	9860107	7.67	1 1-	2 ACSR 6/1	0	0	566	161	8	1	1	0.00	7.55	0
9860102	9860101	7.12	0 1-	2 ACSR 6/1	0	0	618	164	0	0	0	0.00	7.27	0
9860050	9860097	7.56	9 1-	2 ACSR 6/1	0	0	575	161	48	6	4	0.11	7.05	4
9850028	9860050	8.14	1 1-	2 ACSR 6/1	0	0	527	158	2	0	0	0.00	7.05	0
9850027	9860050	7.69	8 1-	2 ACSR 6/1	0	0	564	161	46	6	3	0.02	7.07	0
9860075	9850027	7.73	3 1-	2 ACSR 6/1	0	0	560	160	21	2	2	0.00	7.08	0
9860076	9860075	7.76	2 1-	2 ACSR 6/1	0	0	558	160	13	1	1	0.00	7.08	0
9860118	9860076	7.80	1 1-	2 ACSR 6/1	0	0	555	160	3	0	0	0.00	7.08	0
9860074	9850027	7.79	4 1-	2 ACSR 6/1	0	0	555	160	22	2	2	0.01	7.08	0
9860073	9860074	7.86	3 1-	2 ACSR 6/1	0	0	549	159	19	2	1	0.00	7.08	0
9860077	9860073	7.92	1 1-	2 ACSR 6/1	0	0	545	159	5	0	0	0.00	7.08	0
9860090	9860085	6.87	4 1-	2 ACSR 6/1	0	0	641	166	14	1	1	0.00	1.09	0
9860093	9860090	6.93	3 1-	2 ACSR 6/1	0	0	634	165	7	0	1	0.00	1.09	0
9860094	9860093	7.06	1 1-	2 ACSR 6/1	0	0	621	164	3	0	0	0.00	1.09	0
9860086	9860085	6.84	7 1-	2 ACSR 6/1	0	0	644	166	39	4	3	0.01	1.09	0
9860087	9860086	6.87	5 1-	2 ACSR 6/1	0	0	641	166	24	3	2	0.00	1.09	0
9860088	9860087	6.90	4 1-	2 ACSR 6/1	0	0	638	165	16	1	1	0.00	1.09	0
9860117	9860088	6.93	3 1-	2 ACSR 6/1	0	0	635	165	8	0	1	0.00	1.09	0
9860089	9860117	7.02	2 1-	2 ACSR 6/1	0	0	625	165	7	0	0	0.00	1.10	0
9860084	9860092	6.79	1 1-	2 ACSR 6/1	0	0	648	166	7	0	1	0.00	6.93	0
9950066	9950059	5.86	0 1-	2 ACSR 6/1	0	0	747	170	0	0	0	0.00	0.96	0
9950057	9950060	5.79	2 1-	2 ACSR 6/1	0	0	757	171	5	0	0	0.00	0.96	0
9950061	9950058	5.67	1 1-	2 ACSR 6/1	0	0	772	171	4	0	0	0.00	0.97	0
9950050	9950034	5.42	1 1-	2 ACSR 6/1	0	0	806	173	1	0	0	0.00	0.97	0
9940013	9940011	4.48	1 1-	2 ACSR 6/1	0	0	965	177	7	0	1	0.00	4.53	0
15040012	15140023	3.56	1 1-	2 ACSR 6/1	0	0	1197	182	4	0	0	0.00	0.75	0
15140022	15140027	3.47	0 1-	2 ACSR 6/1	0	0	1226	183	0	0	0	0.00	3.31	0
15140046	15140048	3.24	1 1-	2 ACSR 6/1	0	0	1306	184	3	0	0	0.00	3.02	0
15140049	15140048	3.23	1 1-	2 ACSR 6/1	0	0	1308	184	10	1	1	0.00	0.70	0
15140079	15140047	3.14	1 1-	2 ACSR 6/1	0	0	1344	184	6	0	0	0.00	2.89	0
15140080	15140079	3.20	1 1-	15 KV 2 URD XLP	0	0	1317	431	6	0	0	0.00	2.89	0
15140042	15140043	2.84	2 1-	2 ACSR 6/1	0	0	1471	186	11	1	1	0.00	0.64	0
15140044	15140042	2.89	2 1-	2 ACSR 6/1	0	0	1442	186	11	1	1	0.00	0.65	0
15140075	15140044	2.94	1 1-	2 ACSR 6/1	0	0	1419	185	5	0	0	0.00	0.65	0
15140055	15140018	2.57	4 1-	2 ACSR 6/1	0	0	1586	187	11	1	1	0.00	4.13	0
15240031	15240016	2.09	10 1-	2 ACSR 6/1	0	0	1847	189	54	6	4	0.00	0.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15240032	15240031	2.11	9 1-	2 ACSR 6/1	0	0	1831	189	54	6	4	0.00	0.55	0
15240036	15240032	2.20	4 1-	2 ACSR 6/1	0	0	1757	188	33	4	2	0.01	0.56	0
15240037	15240036	2.25	3 1-	2 ACSR 6/1	0	0	1724	187	33	4	2	0.01	0.57	0
15240028	15240037	2.42	2 1-	2 ACSR 6/1	0	0	1601	186	31	3	2	0.02	0.59	0
15240030	15240028	2.66	1 1-	2 ACSR 6/1	0	0	1459	184	19	2	1	0.01	0.60	0
15240029	15240028	2.63	1 1-	2 ACSR 6/1	0	0	1475	184	12	1	1	0.00	0.59	0
15240017	15240037	2.30	1 1-	2 ACSR 6/1	0	0	1688	187	2	0	0	0.00	0.57	0
15240014	15240032	2.22	5 1-	2 ACSR 6/1	0	0	1743	188	21	2	1	0.01	0.56	0
20850984	15240014	2.33	1 1-	2 ACSR 6/1	0	0	1664	187	5	0	0	0.00	0.56	0
15240020	15240014	2.27	1 1-	2 ACSR 6/1	0	0	1705	187	1	0	0	0.00	0.56	0
15240018	15240014	2.32	3 1-	2 ACSR 6/1	0	0	1673	187	16	1	1	0.00	0.57	0
15240019	15240018	2.43	2 1-	2 ACSR 6/1	0	0	1595	186	4	0	0	0.00	0.57	0
15130020	15240019	2.65	1 1-	2 ACSR 6/1	0	0	1466	184	0	0	0	0.00	0.57	0
20851479	20851480	1.87	5 1-	2 ACSR 6/1	0	0	1992	189	23	3	2	0.00	3.19	0
20851687	20851479	1.91	4 1-	2 ACSR 6/1	0	0	1951	189	22	2	2	0.00	3.19	0
20851688	20851687	1.93	3 1-	2 ACSR 6/1	0	0	1936	189	16	2	1	0.00	3.19	0
15240033	20851688	1.97	2 1-	2 ACSR 6/1	0	0	1898	189	11	1	1	0.00	3.19	0
15240035	15240033	2.07	1 1-	2 ACSR 6/1	0	0	1816	188	5	0	0	0.00	3.19	0
15240034	15240033	2.09	1 1-	2 ACSR 6/1	0	0	1800	188	6	0	0	0.00	3.19	0
20851537	20851479	1.93	1 1-	2 ACSR 6/1	0	0	1938	189	1	0	0	0.00	3.19	0
15340103	15340102	1.14	0 1-	2 ACSR 6/1	0	0	2693	192	0	0	0	0.00	0.29	0
15340100	15340126	0.79	1 1-	2 ACSR 6/1	0	0	3234	193	1	0	0	0.00	0.18	0
15340168	15340167	0.55	14 1-	2 ACSR 6/1	0	0	3731	194	29	3	2	0.00	0.51	0
15340170	15340168	0.61	8 1-	2 ACSR 6/1	0	0	3553	193	15	1	1	0.00	0.51	0
15340171	15340170	0.65	3 1-	2 ACSR 6/1	0	0	3445	193	6	0	0	0.00	0.51	0
15340169	15340168	0.60	4 1-	2 ACSR 6/1	0	0	3570	193	6	0	0	0.00	0.51	0
CKT 1	total losses:												\$7,517	

SUB 22, CKT 2

BK2202	ROCKHOLD(22)	0.00	1027 3-	BK2202	5501	5578	5792	196	4509	188	50	0.00	0.00	0
15340082	BK2202	0.00	1027 3-	1/0 CU	5487	5563	5769	196	4509	188	62	0.01	0.01	28
15340083	15340082	0.01	1027 3-	1/0 CU	5456	5530	5715	196	4509	188	62	0.02	0.03	64
15340084	15340083	0.02	0 3-	1/0 CU	5427	5497	5665	196	0	0	0	0.00	0.03	0
15340088	15340083	0.13	1027 3-	336 ACSR 18/1	5185	5205	5250	196	4508	188	36	0.13	0.13	364
15340094	15340088	0.21	2 1-	2 ACSR 6/1	0	0	4800	195	10	1	1	0.00	0.16	0
15340085	15340088	0.16	0 1-	2 ACSR 6/1	0	0	5052	195	0	0	0	0.00	0.16	0
15340174	15340088	0.23	1025 3-	336 ACSR 18/1	4953	4932	4875	195	4495	188	35	0.12	0.24	339
15350029	15340174	0.28	1024 3-	336 ACSR 18/1	4861	4825	4732	195	4488	187	35	0.05	0.28	142
15350030	15350029	0.32	1023 3-	336 ACSR 18/1	4779	4731	4608	195	4478	187	35	0.05	0.32	131
15350034	15350030	0.43	1016 3-	336 ACSR 18/1	4575	4497	4308	195	4449	186	35	0.12	0.42	340
15350041	15350034	0.67	987 3-	336 ACSR 18/1	4174	4049	3755	194	4327	181	34	0.25	0.64	733
15350046	15350041	0.72	986 3-	336 ACSR 18/1	4100	3968	3658	194	4315	181	34	0.05	0.68	150
15350047	15350046	0.81	985 3-	336 ACSR 18/1	3966	3823	3489	194	4309	180	34	0.10	0.77	282
15350042	15350047	0.92	984 3-	336 ACSR 18/1	3820	3665	3308	194	4299	180	34	0.11	0.87	332
15350043	15350042	0.96	983 3-	336 ACSR 18/1	3776	3619	3255	194	4290	180	34	0.04	0.90	104
15350044	15350043	1.04	981 3-	336 ACSR 18/1	3670	3507	3129	194	4280	180	34	0.09	0.97	260
15350048	15350044	1.14	0 1-	2 ACSR 6/1	0	0	2930	193	0	0	0	0.00	1.14	0
20850378	15350044	1.30	981 3-	336 ACSR 18/1	3389	3212	2806	193	4277	180	34	0.26	1.20	769
20850353	20850378	1.41	980 3-	336 ACSR 18/1	3280	3100	2687	193	4263	179	34	0.11	1.30	331
15350025	20850353	1.50	979 3-	336 ACSR 18/1	3199	3016	2599	193	4258	179	34	0.09	1.37	263
15350026	15350025	1.58	2 1-	2 ACSR 6/1	0	0	2477	192	11	1	1	0.00	1.59	0
15360026	15350026	1.63	1 1-	2 ACSR 6/1	0	0	2405	191	6	0	0	0.00	1.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15360027	15350026	1.69	1 1-	2 ACSR 6/1	0	0	2334	191	5	0	0	0.00	1.59	0
15350028	15350025	1.60	977 3-	336 ACSR 18/1	3107	2923	2503	192	4244	179	34	0.10	1.46	307
15360030	15350028	1.68	973 3-	336 ACSR 18/1	3038	2852	2430	192	4235	178	34	0.08	1.54	245
15360031	15360030	1.72	972 3-	336 ACSR 18/1	3004	2818	2395	192	4225	178	34	0.04	1.57	123
15360032	15360031	1.89	968 3-	336 ACSR 18/1	2875	2689	2264	192	4221	178	34	0.16	1.72	495
15360036	15360032	1.99	965 3-	336 ACSR 18/1	2806	2619	2195	191	4200	177	34	0.09	1.80	282
15360037	15360036	2.09	964 3-	336 ACSR 18/1	2734	2547	2124	191	4190	177	33	0.10	1.89	309
15360042	15360037	2.16	824 3-	336 ACSR 18/1	2692	2506	2084	191	3631	153	29	0.06	1.93	136
15360043	15360042	2.22	821 3-	336 ACSR 18/1	2652	2467	2046	191	3621	153	29	0.06	1.98	133
D15-36-P031	15360043	2.22	820 3-	ER3-RVE-200/100	2652	2467	2046	191	3614	153	153	0.00	1.98	0
15360044	D15-36-P031	2.27	820 3-	336 ACSR 18/1	2619	2434	2014	191	3614	153	29	0.05	2.01	115
15360045	15360044	2.37	819 3-	336 ACSR 18/1	2561	2377	1959	191	3612	153	29	0.09	2.08	207
D15-36-P048	15360045	2.37	2 1-	FUS-30	0	0	1959	191	6	0	3	0.00	2.42	0
15360046	D15-36-P048	2.54	2 1-	2 ACSR 6/1	0	0	1815	189	6	0	0	0.00	2.42	0
15360047	15360046	2.70	1 1-	2 ACSR 6/1	0	0	1698	188	0	0	0	0.00	2.42	0
15360048	15360045	2.43	815 3-	336 ACSR 18/1	2524	2341	1924	190	3603	152	29	0.06	2.13	136
15360049	15360048	2.49	814 3-	336 ACSR 18/1	2491	2308	1893	190	3601	152	29	0.05	2.17	124
C15-36-P32	15360049	2.49	0 3-	Capacitor	2491	2308	1893	190	0	-13	0	0.00	2.17	0
15360050	15360049	2.55	814 3-	336 ACSR 18/1	2460	2277	1864	190	3600	153	29	0.06	2.21	124
15360051	15360050	2.63	813 3-	336 ACSR 18/1	2420	2238	1827	190	3595	153	29	0.08	2.28	163
15360040	15360051	2.78	813 3-	336 ACSR 18/1	2342	2162	1756	190	3593	153	29	0.16	2.40	329
15360041	15360040	2.82	812 3-	336 ACSR 18/1	2323	2144	1739	189	3584	153	29	0.04	2.43	81
15360053	15360041	2.93	810 3-	336 ACSR 18/1	2270	2093	1691	189	3574	152	29	0.12	2.53	240
15370036	15360053	3.08	808 3-	336 ACSR 18/1	2202	2027	1631	189	3569	152	29	0.16	2.65	322
15370037	15370036	3.19	807 3-	336 ACSR 18/1	2157	1984	1592	189	3562	152	29	0.11	2.73	222
15370038	15370037	3.29	806 3-	336 ACSR 18/1	2116	1944	1555	188	3553	152	29	0.10	2.82	216
15370039	15370038	3.36	805 3-	336 ACSR 18/1	2088	1917	1531	188	3547	151	29	0.07	2.87	150
15370040	15370039	3.42	804 3-	336 ACSR 18/1	2065	1895	1511	188	3540	151	29	0.06	2.92	126
15370041	15370040	3.45	1 1-	2 ACSR 6/1	0	0	1492	188	7	0	1	0.00	3.86	0
20850356	15370040	3.45	802 3-	336 ACSR 18/1	2052	1882	1500	188	3523	151	28	0.03	2.95	71
20850357	20850356	3.52	801 3-	336 ACSR 18/1	2026	1858	1478	188	3516	150	28	0.07	3.00	141
20850383	20850357	3.67	797 3-	336 ACSR 18/1	1972	1807	1432	187	3498	150	28	0.15	3.12	311
D15-37-P015	20850383	3.67	57 1-	REC-50-H	0	0	1432	187	226	29	59	0.00	3.73	0
20850586	D15-37-P015	3.87	57 1-	2 ACSR 6/1	0	0	1341	186	226	29	16	0.17	3.90	30
20850587	20850586	3.97	56 1-	2 ACSR 6/1	0	0	1297	185	221	28	16	0.09	3.98	15
20850589	20850587	4.06	1 1-	2 ACSR 6/1	0	0	1263	184	4	0	0	0.00	3.99	0
20850588	20850587	4.02	1 1-	2 ACSR 6/1	0	0	1278	185	7	0	1	0.00	3.99	0
15370032	20850587	4.09	54 1-	2 ACSR 6/1	0	0	1250	184	210	27	15	0.09	4.08	16
20850592	15370032	4.18	53 1-	2 ACSR 6/1	0	0	1218	183	201	26	15	0.06	4.14	10
20850593	20850592	4.22	4 1-	2 ACSR 6/1	0	0	1201	183	4	0	0	0.00	4.14	0
20850571	20850593	4.27	2 1-	2 ACSR 6/1	0	0	1185	183	2	0	0	0.00	4.14	0
20850591	20850592	4.31	48 1-	2 ACSR 6/1	0	0	1169	182	195	25	14	0.10	4.24	16
15370049	20850591	4.35	2 1-	2 ACSR 6/1	0	0	1156	182	1	0	0	0.00	4.24	0
15370034	20850591	4.37	46 1-	2 ACSR 6/1	0	0	1149	182	194	25	14	0.04	4.29	7
15470016	15370034	4.49	45 1-	2 ACSR 6/1	0	0	1111	181	187	24	14	0.08	4.37	12
15470017	15470016	4.74	44 1-	2 ACSR 6/1	0	0	1035	179	184	24	13	0.17	4.54	25
15470018	15470017	4.81	42 1-	2 ACSR 6/1	0	0	1018	179	177	23	13	0.04	4.59	6
15470019	15470018	4.89	41 1-	2 ACSR 6/1	0	0	996	178	171	22	12	0.06	4.64	8
D15-47-P019	15470019	4.89	15 1-	FUS-20	0	0	956	178	59	7	44	0.00	4.64	0
15470021	D15-47-P019	5.07	15 1-	2 ACSR 6/1	0	0	992	177	59	7	4	0.04	4.68	2
20850938	15470021	5.15	14 1-	2 ACSR 6/1	0	0	933	176	56	7	4	0.02	4.70	0
20851385	20850938	5.34	11 1-	2 ACSR 6/1	0	0	891	175	49	6	4	0.04	4.73	1

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851386	20851385	5.60	1 1-	2 ACSR 6/1	0	0	839	173	0	0	0	0.00	4.73	0
20851359	20851385	5.49	10 1-	2 ACSR 6/1	0	0	862	174	49	6	4	0.02	4.76	0
20851360	20851359	5.60	9 1-	2 ACSR 6/1	0	0	840	173	41	5	3	0.02	4.77	0
20851361	20851360	5.61	8 1-	2 ACSR 6/1	0	0	837	173	34	4	3	0.00	4.77	0
20851362	20851361	5.70	6 1-	2 ACSR 6/1	0	0	821	172	32	4	2	0.01	4.78	0
20851363	20851362	5.86	5 1-	2 ACSR 6/1	0	0	793	171	26	3	2	0.01	4.80	0
20851365	20851363	5.94	3 1-	2 ACSR 6/1	0	0	780	171	12	1	1	0.00	4.80	0
20851366	20851365	6.38	1 1-	2 ACSR 6/1	0	0	714	168	1	0	0	0.00	4.80	0
20851364	20851363	5.96	1 1-	2 ACSR 6/1	0	0	777	170	6	0	0	0.00	4.80	0
20850978	20850938	5.21	1 1-	2 ACSR 6/1	0	0	919	176	2	0	0	0.00	4.70	0
15470020	15470019	4.98	25 1-	2 ACSR 6/1	0	0	974	177	110	14	8	0.04	4.68	3
20851367	15470020	5.18	24 1-	2 ACSR 6/1	0	0	927	176	109	14	8	0.08	4.76	7
20851368	20851367	5.32	22 1-	2 ACSR 6/1	0	0	895	175	104	13	8	0.05	4.81	4
20851369	20851368	5.56	2 1-	2 ACSR 6/1	0	0	847	173	7	0	0	0.00	4.82	0
15480003	20851368	5.53	19 1-	2 ACSR 6/1	0	0	852	173	90	11	7	0.07	4.88	5
15580043	15480003	5.62	1 1-	2 ACSR 6/1	0	0	836	173	8	1	1	0.00	4.88	0
15580041	15480003	5.63	17 1-	2 ACSR 6/1	0	0	834	173	78	10	6	0.03	4.91	2
15580044	15580041	5.69	1 1-	2 ACSR 6/1	0	0	824	172	2	0	0	0.00	4.91	0
15580042	15580041	5.69	2 1-	2 ACSR 6/1	0	0	823	172	7	0	0	0.00	4.91	0
15580013	15580041	5.68	14 1-	2 ACSR 6/1	0	0	825	172	69	9	5	0.01	4.92	0
15580037	15580013	5.72	4 1-	2 ACSR 6/1	0	0	818	172	9	1	1	0.00	4.93	0
15580038	15580037	5.75	2 1-	2 ACSR 6/1	0	0	812	172	6	0	0	0.00	4.93	0
15580039	15580038	5.83	2 1-	2 ACSR 6/1	0	0	798	171	6	0	0	0.00	4.93	0
15580040	15580039	5.90	0 1-	2 ACSR 6/1	0	0	787	171	0	0	0	0.00	4.93	0
15580045	15580013	5.72	9 1-	2 ACSR 6/1	0	0	819	172	59	7	4	0.01	4.93	0
15580046	15580045	5.94	8 1-	2 ACSR 6/1	0	0	779	170	50	6	4	0.04	4.98	2
15570037	15580046	6.01	2 1-	2 ACSR 6/1	0	0	768	170	18	2	1	0.00	4.98	0
15570038	15570037	6.09	1 1-	2 ACSR 6/1	0	0	757	170	7	0	0	0.00	4.98	0
15570039	15580046	5.99	5 1-	2 ACSR 6/1	0	0	772	170	25	3	2	0.00	4.98	0
15570040	15570039	6.07	4 1-	2 ACSR 6/1	0	0	759	170	17	2	1	0.00	4.98	0
15570049	15570040	6.11	3 1-	2 ACSR 6/1	0	0	754	169	12	1	1	0.00	4.98	0
15570070	15570049	6.14	1 1-	2 ACSR 6/1	0	0	748	169	4	0	0	0.00	4.98	0
15570050	15570049	6.25	1 1-	2 ACSR 6/1	0	0	732	168	1	0	0	0.00	4.98	0
15570061	15580046	6.00	1 1-	2 ACSR 6/1	0	0	771	170	8	0	1	0.00	4.98	0
15470015	15370034	4.59	1 1-	2 ACSR 6/1	0	0	1079	180	7	0	0	0.00	4.29	0
15370035	15470015	4.74	0 1-	2 ACSR 6/1	0	0	1036	179	0	0	0	0.00	4.29	0
20850590	15370032	4.20	1 1-	2 ACSR 6/1	0	0	1207	183	9	1	1	0.00	4.08	0
20850384	20850383	3.73	739 3-	336 ACSR 18/1	1953	1788	1415	187	3269	140	26	0.04	3.16	99
20850385	20850384	3.87	1 1-	2 ACSR 6/1	0	0	1352	186	3	0	0	0.00	4.16	0
15370050	20850384	3.87	738 3-	336 ACSR 18/1	1904	1742	1375	187	3265	140	26	0.11	3.27	257
15370052	15370050	3.97	1 1-	2 ACSR 6/1	0	0	1333	186	2	0	0	0.00	4.29	0
15370051	15370050	4.01	737 3-	336 ACSR 18/1	1859	1699	1337	187	3261	140	26	0.10	3.37	251
20850584	15370051	4.08	1 1-	2 ACSR 6/1	0	0	1308	186	1	0	0	0.00	4.41	0
15370033	15370051	4.07	736 3-	336 ACSR 18/1	1842	1683	1322	187	3257	140	26	0.04	3.41	100
15270031	15370033	4.17	726 3-	4/0 ACSR 6/1	1805	1648	1293	186	3219	138	41	0.10	3.52	269
15270043	15270031	4.22	725 3-	4/0 ACSR 6/1	1786	1630	1277	186	3204	137	41	0.05	3.57	142
15-27-P023-B	15270043	4.22	725 3-	Closed	1786	1630	1277	186	3203	137	0	0.00	3.57	0
15-27-P023-A	15-27-P023-B	4.22	725 3-	Closed	1786	1630	1277	186	3203	137	0	0.00	3.57	0
15270044	15-27-P023-A	4.23	725 3-	4/0 ACSR 6/1	1784	1628	1275	186	3203	137	41	0.01	3.58	19
15270042	15270044	4.57	334 3-	1/0 ACSR 6/1	1640	1489	1169	184	1296	55	24	0.27	3.83	315
D15-28-P011	15270042	4.57	334 3-	REC-100-4H	1640	1489	1169	184	1293	55	24	0.00	3.83	0
15280024	D15-28-P011	4.82	334 3-	1/0 ACSR 6/1	1548	1401	1102	183	1293	55	24	0.19	4.01	228

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850566	15280024	4.88	332 3-	1/0 ACSR 6/1	1526	1379	1085	182	1287	55	24	0.05	4.06	60
15280013	20850566	5.14	331 3-	1/0 ACSR 6/1	1444	1301	1026	181	1286	55	24	0.20	4.24	231
15280012	15280013	5.21	329 3-	1/0 ACSR 6/1	1421	1280	1010	181	1245	53	23	0.05	4.29	63
15380015	15280012	5.37	328 3-	1/0 ACSR 6/1	1374	1235	975	180	1241	53	23	0.11	4.41	138
15380016	15380015	5.43	327 3-	1/0 ACSR 6/1	1356	1219	963	179	1239	53	23	0.04	4.45	53
20850567	15380016	5.53	326 3-	1/0 ACSR 6/1	1331	1195	945	179	1237	53	23	0.06	4.51	80
20850568	20850567	5.62	325 3-	1/0 ACSR 6/1	1307	1173	927	178	1234	53	23	0.06	4.58	78
20850569	20850568	5.77	323 3-	1/0 ACSR 6/1	1269	1137	900	178	1230	53	23	0.10	4.68	128
20850766	20850569	5.85	323 3-	1/0 ACSR 6/1	1250	1120	887	177	1229	53	23	0.05	4.73	65
20850767	20850766	5.93	322 3-	1/0 ACSR 6/1	1232	1103	874	177	1227	53	23	0.05	4.79	65
20850768	20850767	6.06	321 3-	1/0 ACSR 6/1	1202	1075	853	176	1226	53	23	0.09	4.88	112
20850769	20850768	6.15	320 3-	1/0 ACSR 6/1	1182	1056	839	176	1218	53	23	0.06	4.94	76
20850770	20850769	6.24	318 3-	1/0 ACSR 6/1	1164	1039	826	175	1211	52	23	0.06	5.00	73
15390007	20850770	6.32	317 3-	1/0 ACSR 6/1	1147	1023	814	175	1208	52	23	0.05	5.05	68
15290054	15390007	6.40	316 3-	1/0 ACSR 6/1	1131	1009	802	174	1199	52	23	0.05	5.10	66
15290048	15290054	6.48	315 3-	1/0 ACSR 6/1	1116	995	791	174	1196	52	23	0.05	5.16	64
15290049	15290048	6.56	312 3-	1/0 ACSR 6/1	1100	980	781	174	1191	52	23	0.05	5.21	66
15290044	15290049	6.67	310 3-	1/0 ACSR 6/1	1081	962	767	173	1187	52	23	0.07	5.28	88
15290046	15290044	6.72	1 1-	2 ACSR 6/1	0	0	760	173	3	0	0	0.00	7.00	0
15290045	15290044	6.74	1 1-	2 ACSR 6/1	0	0	757	173	3	0	0	0.00	5.90	0
20851540	15290044	6.72	308 3-	1/0 ACSR 6/1	1071	954	760	173	1181	51	23	0.03	5.31	41
15290035	20851540	6.77	307 3-	1/0 ACSR 6/1	1063	946	754	173	1175	51	22	0.03	5.34	38
15290036	15290035	7.01	306 3-	1/0 ACSR 6/1	1022	909	725	171	1171	51	22	0.15	5.50	192
15290030	15290036	7.07	284 3-	1/0 ACSR 6/1	1013	900	719	171	1106	48	21	0.04	5.53	40
15290037	15290030	7.08	284 3-	1/0 ACSR 6/1	1011	898	717	171	1106	48	21	0.01	5.54	9
R15-29-P43	15290037	7.08	284 3-	REGU-167	1011	898	717	171	1106	48	22	-3.76	2.40	0
15290038	R15-29-P43	7.12	284 3-	1/0 ACSR 6/1	1005	893	713	171	1106	47	21	0.02	2.42	24
15290052	15290038	7.17	1 1-	2 ACSR 6/1	0	0	706	170	3	0	0	0.00	2.41	0
15290043	15290052	7.22	0 1-	2 ACSR 6/1	0	0	701	170	0	0	0	0.00	2.41	0
15290055	15290043	7.37	0 1-	2 ACSR 6/1	0	0	682	169	0	0	0	0.00	2.41	0
15290032	15290038	7.20	283 3-	1/0 ACSR 6/1	993	882	705	170	1103	47	21	0.06	2.47	53
15290033	15290032	7.39	0 1-	2 ACSR 6/1	0	0	680	169	0	0	0	0.00	2.49	0
15290034	15290032	7.31	282 3-	1/0 ACSR 6/1	976	866	693	170	1096	46	20	0.08	2.53	73
15290040	15290034	7.50	281 3-	1/0 ACSR 6/1	949	842	674	169	1093	46	20	0.13	2.64	121
15290041	15290040	7.52	279 3-	1/0 ACSR 6/1	946	839	671	169	1090	46	20	0.02	2.65	15
C15-29-P37	15290041	7.52	0 3-	Capacitor	946	839	671	169	0	-13	0	0.00	2.65	0
15290031	15290041	7.68	279 3-	1/0 ACSR 6/1	925	819	657	168	1090	47	20	0.13	2.77	102
15190031	15290031	7.73	278 3-	1/0 ACSR 6/1	917	812	651	168	1086	46	20	0.05	2.81	38
15190032	15190031	7.82	9 1-	2 ACSR 6/1	0	0	641	167	44	5	3	0.01	2.65	0
15190033	15190032	8.05	5 1-	2 ACSR 6/1	0	0	618	166	25	3	2	0.02	2.67	0
15190034	15190033	8.15	4 1-	2 ACSR 6/1	0	0	608	165	23	2	2	0.01	2.68	0
15190063	15190034	8.23	2 1-	2 ACSR 6/1	0	0	600	165	13	1	1	0.00	2.68	0
15190061	15190034	8.23	2 1-	2 ACSR 6/1	0	0	600	164	10	1	1	0.00	2.68	0
15180028	15190061	8.27	1 1-	2 ACSR 6/1	0	0	597	164	8	1	1	0.00	2.68	0
15190037	15190033	8.14	1 1-	2 ACSR 6/1	0	0	609	165	2	0	0	0.00	2.67	0
15190052	15190032	7.88	4 1-	2 ACSR 6/1	0	0	635	167	19	2	1	0.00	2.65	0
15190053	15190052	8.00	3 1-	2 ACSR 6/1	0	0	623	166	13	1	1	0.01	2.66	0
15190060	15190053	8.04	1 1-	2 ACSR 6/1	0	0	619	166	5	0	0	0.00	2.66	0
15190070	15190053	8.06	2 1-	2 ACSR 6/1	0	0	616	166	8	0	1	0.00	2.66	0
15190050	15190031	7.83	269 3-	1/0 ACSR 6/1	905	801	643	167	1042	44	20	0.08	2.88	56
15190051	15190050	7.86	268 3-	1/0 ACSR 6/1	901	797	640	167	1040	44	20	0.03	2.90	22
15190049	15190051	7.91	1 1-	2 ACSR 6/1	0	0	634	167	4	0	0	0.00	2.98	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15190036	15190051	7.87	267 3-	1/0 ACSR 6/1	899	796	639	167	1036	44	19	0.01	2.91	6
15-19-P094-B	15190036	7.87	267 3-	Closed	899	796	639	167	1036	44	0	0.00	2.91	0
15-19-P094-A	15-19-P094-B	7.87	267 3-	Closed	899	796	639	167	1036	44	0	0.00	2.91	0
15190073	15-19-P094-A	7.98	267 3-	1/0 ACSR 6/1	886	784	630	167	1036	44	19	0.08	2.98	63
15190074	15190073	8.01	266 3-	1/0 ACSR 6/1	882	780	626	167	1033	44	19	0.03	3.01	23
15190057	15190074	8.12	261 3-	1/0 ACSR 6/1	869	768	617	166	1018	44	19	0.09	3.09	65
15190055	15190057	8.19	1 1-	2 ACSR 6/1	0	0	610	166	4	0	0	0.00	3.20	0
15190041	15190057	8.20	260 3-	1/0 ACSR 6/1	860	760	611	166	1013	43	19	0.06	3.14	42
15190054	15190041	8.27	259 3-	1/0 ACSR 6/1	852	753	605	165	1007	43	19	0.06	3.19	41
15190040	15190054	8.43	258 3-	1/0 ACSR 6/1	834	736	592	165	1006	43	19	0.13	3.30	95
D15-19-P040	15190040	8.43	258 3-	REC-50-H	834	736	592	165	1005	43	87	0.00	3.30	0
15190048	D15-19-P040	8.46	258 3-	1/0 ACSR 6/1	830	734	590	164	1005	43	19	0.02	3.32	17
15190039	15190048	8.51	257 3-	1/0 ACSR 6/1	825	729	586	164	999	43	19	0.04	3.35	28
15190047	15190039	8.57	257 3-	1/0 ACSR 6/1	819	723	582	164	999	43	19	0.05	3.40	35
15190046	15190047	8.65	256 3-	1/0 ACSR 6/1	811	715	576	164	997	43	19	0.06	3.45	46
15190076	15190046	8.72	0 1-	2 ACSR 6/1	0	0	570	163	0	0	0	0.00	3.78	0
15190044	15190046	8.74	253 3-	1/0 ACSR 6/1	801	707	569	163	983	42	19	0.07	3.51	53
15190045	15190044	8.82	251 3-	1/0 ACSR 6/1	794	700	564	163	979	42	18	0.06	3.56	41
15190038	15190045	8.91	250 3-	1/0 ACSR 6/1	785	692	558	162	972	42	18	0.07	3.62	51
15090013	15190038	8.93	248 3-	1/0 ACSR 6/1	782	690	556	162	967	42	18	0.02	3.64	14
15090014	15090013	8.98	246 3-	1/0 ACSR 6/1	778	686	553	162	955	41	18	0.03	3.67	23
15090015	15090014	9.05	1 1-	2 ACSR 6/1	0	0	547	162	10	1	1	0.00	4.10	0
15090011	15090014	9.05	244 3-	1/0 ACSR 6/1	771	680	548	162	936	40	18	0.06	3.72	39
15090012	15090011	9.13	242 3-	1/0 ACSR 6/1	764	673	543	161	921	40	17	0.06	3.77	42
15090009	15090012	9.30	0 1-	2 ACSR 6/1	0	0	530	160	0	0	0	0.00	3.98	0
15090008	15090012	9.16	0 1-	2 ACSR 6/1	0	0	541	161	0	0	0	0.00	4.24	0
15090006	15090012	9.23	242 3-	1/0 ACSR 6/1	754	665	537	161	921	40	17	0.08	3.83	54
15090010	15090006	9.28	0 1-	2 ACSR 6/1	0	0	533	161	0	0	0	0.00	4.34	0
15090007	15090006	9.34	242 3-	1/0 ACSR 6/1	745	656	530	160	920	40	17	0.08	3.90	58
20851870	15090007	9.43	241 3-	1/0 ACSR 6/1	737	649	524	160	916	39	17	0.07	3.96	46
20851871	20851870	9.49	239 3-	1/0 ACSR 6/1	732	645	521	160	908	39	17	0.04	3.99	31
20851872	20851871	9.52	235 3-	1/0 ACSR 6/1	729	642	519	160	896	39	17	0.03	4.02	18
20852254	20851872	9.56	234 3-	1/0 ACSR 6/1	726	639	516	159	890	38	17	0.03	4.04	21
20852253	20852254	9.62	1 1-	2 ACSR 6/1	0	0	512	159	5	0	0	0.00	4.66	0
20852252	20852254	9.73	232 3-	1/0 ACSR 6/1	712	627	507	159	883	38	17	0.12	4.14	82
20851716	20852252	9.80	231 3-	1/0 ACSR 6/1	706	622	503	158	876	38	17	0.05	4.18	36
20851717	20851716	9.84	21 1-	2 ACSR 6/1	0	0	500	158	116	15	8	0.02	4.50	2
D16-02-P031	20851717	9.84	21 1-	REC-35-H	0	0	500	158	116	15	43	0.00	4.50	0
20851563	D16-02-P031	9.87	2 1-	2 ACSR 6/1	0	0	498	158	16	2	1	0.00	4.50	0
20851762	20851563	9.91	1 1-	2 ACSR 6/1	0	0	495	158	5	0	0	0.00	4.50	0
20851763	20851762	9.97	1 1-	2 ACSR 6/1	0	0	492	157	5	0	0	0.00	4.50	0
16020016	D16-02-P031	9.92	19 1-	2 ACSR 6/1	0	0	495	158	100	13	7	0.03	4.53	2
10920017	16020016	9.97	15 1-	2 ACSR 6/1	0	0	491	157	77	10	6	0.02	4.55	0
10920018	10920017	10.03	15 1-	2 ACSR 6/1	0	0	488	157	77	10	6	0.01	4.56	0
10920019	10920018	10.13	14 1-	2 ACSR 6/1	0	0	481	156	69	9	5	0.03	4.59	2
10920020	10920019	10.44	1 1-	2 ACSR 6/1	0	0	463	154	12	1	1	0.01	4.60	0
10920012	10920019	10.38	13 1-	2 ACSR 6/1	0	0	466	155	56	7	4	0.05	4.64	2
10920021	10920012	10.49	1 1-	2 ACSR 6/1	0	0	460	154	6	0	0	0.00	4.65	0
10920014	10920012	10.59	12 1-	2 ACSR 6/1	0	0	454	154	51	6	4	0.04	4.68	1
10820040	10920014	10.71	9 1-	2 ACSR 6/1	0	0	448	153	38	5	3	0.02	4.70	0
10820059	10820040	10.82	6 1-	2 ACSR 6/1	0	0	442	152	24	3	2	0.01	4.71	0
10820060	10820059	10.91	5 1-	2 ACSR 6/1	0	0	437	152	24	3	2	0.01	4.72	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10820061	10820060	11.25	4 1-	2 ACSR 6/1	0	0	421	150	22	2	2	0.03	4.74	0
9890009	10820061	11.38	2 1-	2 ACSR 6/1	0	0	415	149	18	2	1	0.01	4.75	0
9890017	9890009	11.44	1 1-	2 ACSR 6/1	0	0	412	149	10	1	1	0.00	4.75	0
9890011	9890017	11.50	0 1-	2 ACSR 6/1	0	0	409	148	0	0	0	0.00	4.75	0
9890010	9890017	13.04	0 1-	2 ACSR 6/1	0	0	349	140	0	0	0	0.00	4.75	0
9890008	9890009	11.51	1 1-	2 ACSR 6/1	0	0	408	148	8	1	1	0.00	4.75	0
9890012	10820061	11.29	2 1-	2 ACSR 6/1	0	0	418	149	4	0	0	0.00	4.74	0
9890013	9890012	11.39	1 1-	2 ACSR 6/1	0	0	414	149	2	0	0	0.00	4.74	0
9890014	9890013	11.41	0 1-	2 ACSR 6/1	0	0	413	149	0	0	0	0.00	4.74	0
10820038	10820040	10.76	1 1-	2 ACSR 6/1	0	0	445	153	2	0	0	0.00	4.70	0
10820037	10820040	10.80	2 1-	2 ACSR 6/1	0	0	443	152	11	1	1	0.00	4.70	0
10820039	10920014	10.68	1 1-	2 ACSR 6/1	0	0	450	153	6	0	0	0.00	4.68	0
10920015	16020016	9.94	4 1-	2 ACSR 6/1	0	0	493	157	23	3	2	0.00	4.53	0
10920016	10920015	10.04	2 1-	2 ACSR 6/1	0	0	487	157	13	1	1	0.00	4.54	0
20851915	20851716	9.86	208 3-	1/0 ACSR 6/1	702	617	499	158	747	32	14	0.03	4.22	22
20851765	20851915	9.92	205 3-	1/0 ACSR 6/1	697	613	496	158	728	31	14	0.02	4.25	20
20851767	20851765	10.01	202 3-	1/0 ACSR 6/1	690	607	491	157	710	31	13	0.03	4.29	29
20851768	20851767	10.28	201 3-	1/0 ACSR 6/1	671	589	478	156	699	30	13	0.10	4.42	87
20851865	20851768	10.39	200 3-	1/0 ACSR 6/1	663	582	472	156	692	30	13	0.04	4.47	36
20851867	20851865	10.43	2 1-	2 ACSR 6/1	0	0	469	155	18	2	1	0.00	4.72	0
20851868	20851867	10.66	2 1-	2 ACSR 6/1	0	0	457	154	8	1	1	0.00	4.72	0
20851866	20851865	10.46	2 1-	2 ACSR 6/1	0	0	468	155	9	1	1	0.00	3.29	0
16020014	20851865	10.45	196 3-	1/0 ACSR 6/1	658	578	469	155	665	29	13	0.02	4.50	20
16020015	16020014	10.79	0 1-	2 ACSR 6/1	0	0	450	153	0	0	0	0.00	5.47	0
16120011	16020015	10.94	0 1-	2 ACSR 6/1	0	0	442	153	0	0	0	0.00	5.47	0
16120010	16020015	11.48	0 1-	2 ACSR 6/1	0	0	415	150	0	0	0	0.00	5.47	0
16020013	16020014	10.61	196 3-	1/0 ACSR 6/1	648	569	461	155	665	29	13	0.05	4.57	50
16120013	16020013	10.66	4 1-	2 ACSR 6/1	0	0	459	154	21	2	1	0.00	3.32	0
16120014	16120013	10.68	2 1-	2 ACSR 6/1	0	0	457	154	14	1	1	0.00	3.32	0
16120015	16120014	10.74	1 1-	2 ACSR 6/1	0	0	454	154	10	1	1	0.00	3.33	0
16120012	16020013	10.68	192 3-	1/0 ACSR 6/1	643	565	458	154	643	28	12	0.02	4.60	20
16120019	16120012	10.75	191 3-	1/0 ACSR 6/1	639	561	455	154	635	27	12	0.02	4.63	21
16130049	16120019	10.78	189 3-	1/0 ACSR 6/1	637	559	454	154	615	27	12	0.01	4.65	10
16130067	16130049	10.87	188 3-	1/0 ACSR 6/1	631	554	450	154	614	27	12	0.03	4.68	27
16130019	16130067	11.26	0 1-	2 ACSR 6/1	0	0	429	151	0	0	0	0.00	5.85	0
16130050	16130067	10.90	188 3-	1/0 ACSR 6/1	629	552	448	154	614	27	12	0.01	4.70	11
16130037	16130050	11.02	186 3-	1/0 ACSR 6/1	622	546	443	153	610	26	12	0.03	4.75	34
16130027	16130037	11.27	182 3-	1/0 ACSR 6/1	606	532	432	152	599	26	11	0.08	4.85	74
16130028	16130027	11.37	181 3-	1/0 ACSR 6/1	601	527	428	152	593	26	11	0.03	4.89	28
16130043	16130028	11.44	3 1-	2 ACSR 6/1	0	0	425	151	7	0	0	0.00	5.02	0
16130044	16130043	11.51	1 1-	2 ACSR 6/1	0	0	421	151	4	0	0	0.00	5.02	0
16130017	16130028	11.42	178 3-	1/0 ACSR 6/1	598	524	426	151	586	25	11	0.01	4.91	14
16130042	16130017	11.47	1 1-	2 ACSR 6/1	0	0	424	151	5	0	0	0.00	6.36	0
16130018	16130017	11.59	177 3-	1/0 ACSR 6/1	588	516	420	151	581	25	11	0.05	4.98	47
16130045	16130018	11.67	1 1-	2 ACSR 6/1	0	0	416	150	2	0	0	0.00	5.08	0
16130025	16130018	11.64	176 3-	1/0 ACSR 6/1	586	513	418	150	578	25	11	0.02	5.00	14
16130046	16130025	11.83	59 1-	2 ACSR 6/1	0	0	409	149	182	24	13	0.13	6.69	19
D16-13-P026	16130046	11.83	58 1-	REC-35-H	0	0	409	149	179	23	68	0.00	6.69	0
16130029	D16-13-P026	11.93	58 1-	2 ACSR 6/1	0	0	405	149	179	23	13	0.07	6.76	10
16230013	16130029	12.01	57 1-	2 ACSR 6/1	0	0	401	148	176	23	13	0.06	6.82	9
16230016	16230013	12.10	56 1-	2 ACSR 6/1	0	0	397	148	174	23	13	0.06	6.88	8
16230017	16230016	12.22	53 1-	2 ACSR 6/1	0	0	392	147	169	22	13	0.08	6.95	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D16-23-P006	16230017	12.22	15 1-	FUS	0	0	392	147	61	8	185	0.00	6.95	0
16230028	D16-23-P006	12.30	15 1-	2 ACSR 6/1	0	0	389	147	61	8	5	0.02	6.97	0
16230018	16230028	12.38	2 1-	2 ACSR 6/1	0	0	386	146	12	1	1	0.00	6.98	0
16230012	16230028	12.36	13 1-	2 ACSR 6/1	0	0	386	146	48	6	4	0.01	6.99	0
16230020	16230012	12.42	13 1-	2 ACSR 6/1	0	0	384	146	48	6	4	0.01	7.00	0
16230023	16230020	12.46	12 1-	2 ACSR 6/1	0	0	383	146	46	6	3	0.01	7.00	0
16230022	16230023	12.59	3 1-	2 ACSR 6/1	0	0	377	145	19	2	1	0.01	7.01	0
16220014	16230022	12.67	1 1-	2 ACSR 6/1	0	0	374	145	8	1	1	0.00	7.01	0
16220015	16220014	12.70	1 1-	2 ACSR 6/1	0	0	373	145	8	1	1	0.00	7.01	0
16230021	16230023	12.56	8 1-	2 ACSR 6/1	0	0	379	145	26	3	2	0.01	7.01	0
16220017	16230021	12.86	6 1-	2 ACSR 6/1	0	0	367	144	21	2	2	0.02	7.03	0
16120016	16220017	12.97	3 1-	2 ACSR 6/1	0	0	363	143	12	1	1	0.00	7.03	0
16120017	16120016	13.01	1 1-	2 ACSR 6/1	0	0	362	143	0	0	0	0.00	7.03	0
16120018	16120017	13.21	0 1-	2 ACSR 6/1	0	0	355	142	0	0	0	0.00	7.03	0
16220013	16230021	12.62	1 1-	2 ACSR 6/1	0	0	376	145	2	0	0	0.00	7.01	0
16230019	16230012	12.43	0 1-	2 ACSR 6/1	0	0	384	146	0	0	0	0.00	6.99	0
16230024	16230017	12.32	38 1-	2 ACSR 6/1	0	0	388	147	109	14	8	0.04	7.00	4
20850213	16230024	12.61	37 1-	2 ACSR 6/1	0	0	377	145	108	14	8	0.12	7.12	10
20850235	20850213	12.69	37 1-	2 ACSR 6/1	0	0	374	145	107	14	8	0.03	7.15	3
20850237	20850235	12.86	1 1-	2 ACSR 6/1	0	0	367	144	7	0	1	0.00	7.15	0
20850236	20850235	12.79	34 1-	2 ACSR 6/1	0	0	370	144	99	13	7	0.04	7.19	3
16230026	20850236	13.04	33 1-	2 ACSR 6/1	0	0	361	143	92	12	7	0.09	7.28	6
16330010	16230026	13.35	32 1-	2 ACSR 6/1	0	0	350	141	82	10	6	0.10	7.37	6
D16-33-P005	16330010	13.35	1 1-	FUS-5	0	0	350	141	3	0	9	0.00	7.37	0
16330018	D16-33-P005	13.45	1 1-	2 ACSR 6/1	0	0	347	141	3	0	0	0.00	7.37	0
16330016	16330018	13.65	0 1-	2 ACSR 6/1	0	0	340	140	0	0	0	0.00	7.37	0
16330004	16330018	13.54	1 1-	2 ACSR 6/1	0	0	344	140	3	0	0	0.00	7.37	0
16330017	16330004	13.59	1 1-	2 ACSR 6/1	0	0	342	140	3	0	0	0.00	7.37	0
16330011	16330004	13.64	0 1-	2 ACSR 6/1	0	0	341	140	0	0	0	0.00	7.37	0
16330021	16330011	13.69	0 1-	2 ACSR 6/1	0	0	339	140	0	0	0	0.00	7.37	0
16330022	16330021	13.81	0 1-	2 ACSR 6/1	0	0	335	139	0	0	0	0.00	7.37	0
16230029	16330022	14.01	0 1-	2 ACSR 6/1	0	0	329	138	0	0	0	0.00	7.37	0
16230030	16230029	14.17	0 1-	2 ACSR 6/1	0	0	325	137	0	0	0	0.00	7.37	0
16230031	16230030	14.40	0 1-	2 ACSR 6/1	0	0	318	136	0	0	0	0.00	7.37	0
16240003	16230031	14.73	0 1-	2 ACSR 6/1	0	0	309	135	0	0	0	0.00	7.37	0
16240001	16240003	14.79	0 1-	2 ACSR 6/1	0	0	308	134	0	0	0	0.00	7.37	0
16240002	16240001	14.83	0 1-	2 ACSR 6/1	0	0	307	134	0	0	0	0.00	7.37	0
20850239	16240003	14.94	0 1-	2 ACSR 6/1	0	0	304	134	0	0	0	0.00	7.37	0
16330019	16330010	13.52	31 1-	2 ACSR 6/1	0	0	344	140	79	10	6	0.05	7.42	3
16330020	16330019	13.63	31 1-	2 ACSR 6/1	0	0	341	140	79	10	6	0.03	7.46	2
16330008	16330020	13.74	24 1-	2 ACSR 6/1	0	0	338	139	67	9	5	0.02	7.48	1
16330013	16330008	13.82	21 1-	2 ACSR 6/1	0	0	335	139	59	7	4	0.02	7.50	0
16330014	16330013	13.92	20 1-	2 ACSR 6/1	0	0	332	138	55	7	4	0.02	7.52	0
16330005	16330014	14.05	16 1-	2 ACSR 6/1	0	0	328	138	33	4	2	0.02	7.54	0
20850472	16330005	14.12	16 1-	2 ACSR 6/1	0	0	326	137	33	4	2	0.01	7.55	0
20850473	20850472	14.16	15 1-	2 ACSR 6/1	0	0	325	137	32	4	2	0.00	7.55	0
20850474	20850473	14.24	14 1-	2 ACSR 6/1	0	0	323	137	26	3	2	0.01	7.56	0
20850475	20850474	14.36	13 1-	2 ACSR 6/1	0	0	319	136	24	3	2	0.01	7.57	0
D16-43-P030	20850475	14.36	11 1-	FUS	0	0	319	136	21	2	66	0.00	7.57	0
16430006	D16-43-P030	14.85	11 1-	2 ACSR 6/1	0	0	306	134	21	2	2	0.04	7.61	0
20850851	16430006	14.92	11 1-	2 ACSR 6/1	0	0	304	134	21	2	2	0.01	7.62	0
20850885	20850851	15.13	11 1-	2 ACSR 6/1	0	0	299	133	21	2	2	0.02	7.63	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850886	20850885	15.33	5 1-	2 ACSR 6/1	0	0	294	132	6	0	0	0.00	7.64	0
20851074	20850886	15.42	2 1-	2 ACSR 6/1	0	0	292	131	2	0	0	0.00	7.64	0
20851075	20851074	15.50	1 1-	2 ACSR 6/1	0	0	290	131	1	0	0	0.00	7.64	0
20851051	20851075	15.54	1 1-	2 ACSR 6/1	0	0	289	131	1	0	0	0.00	7.64	0
20850887	20850886	15.36	2 1-	2 ACSR 6/1	0	0	294	132	3	0	0	0.00	7.64	0
20851073	20850887	15.47	1 1-	2 ACSR 6/1	0	0	291	131	2	0	0	0.00	7.64	0
20851052	20850885	15.29	6 1-	2 ACSR 6/1	0	0	295	132	15	2	1	0.01	7.64	0
20851054	20851052	15.48	2 1-	2 ACSR 6/1	0	0	291	131	6	0	0	0.00	7.65	0
20851055	20851054	15.53	1 1-	2 ACSR 6/1	0	0	289	131	4	0	0	0.00	7.65	0
20851053	20851052	15.42	3 1-	2 ACSR 6/1	0	0	292	131	9	1	1	0.00	7.65	0
20851317	20851053	15.47	1 1-	2 ACSR 6/1	0	0	291	131	4	0	0	0.00	7.65	0
20851315	20851053	15.54	2 1-	2 ACSR 6/1	0	0	289	131	5	0	0	0.00	7.65	0
20851316	20851315	15.79	1 1-	2 ACSR 6/1	0	0	284	130	0	0	0	0.00	7.65	0
16440003	16430006	14.90	0 1-	2 ACSR 6/1	0	0	305	134	0	0	0	0.00	7.61	0
20850476	20850475	14.39	1 1-	2 ACSR 6/1	0	0	318	136	1	0	0	0.00	7.57	0
20850471	20850475	14.64	1 1-	2 ACSR 6/1	0	0	312	135	1	0	0	0.00	7.57	0
16330009	16330014	13.97	4 1-	2 ACSR 6/1	0	0	330	138	21	2	2	0.00	7.53	0
16330012	16330009	14.02	3 1-	2 ACSR 6/1	0	0	329	138	16	2	1	0.00	7.53	0
16330006	16330020	13.69	4 1-	2 ACSR 6/1	0	0	339	140	8	1	1	0.00	7.46	0
16330015	16330006	13.84	2 1-	2 ACSR 6/1	0	0	334	139	4	0	0	0.00	7.46	0
16330007	16330006	13.79	1 1-	2 ACSR 6/1	0	0	336	139	2	0	0	0.00	7.46	0
20850238	20850236	12.87	1 1-	2 ACSR 6/1	0	0	367	144	7	0	1	0.00	7.19	0
20850212	16230024	12.38	1 1-	2 ACSR 6/1	0	0	386	146	1	0	0	0.00	7.00	0
16230025	16230024	12.39	0 1-	2 ACSR 6/1	0	0	385	146	0	0	0	0.00	7.00	0
16230015	16230016	12.17	2 1-	2 ACSR 6/1	0	0	394	148	3	0	0	0.00	6.88	0
16230014	16230013	12.07	1 1-	2 ACSR 6/1	0	0	399	148	3	0	0	0.00	6.82	0
16130020	16130025	11.69	117 3-	2 ACSR 6/1	583	511	416	150	396	17	10	0.03	5.02	8
16-13-P097-B	16130020	11.69	117 3-	Closed	583	511	416	150	396	17	0	0.00	5.02	0
16-13-P097-A	16-13-P097-B	11.69	117 3-	Closed	583	511	416	150	396	17	0	0.00	5.02	0
16130055	16-13-P097-A	11.73	117 3-	2 ACSR 6/1	579	508	413	150	396	17	10	0.03	5.04	9
16130056	16130055	11.93	116 3-	2 ACSR 6/1	566	496	405	149	395	17	10	0.14	5.12	39
16130023	16130056	12.00	113 3-	2 ACSR 6/1	562	492	402	148	381	16	9	0.05	5.15	12
16130047	16130023	12.29	4 1-	2 ACSR 6/1	0	0	389	147	11	1	1	0.01	5.36	0
16130057	16130047	12.36	1 1-	2 ACSR 6/1	0	0	386	146	5	0	0	0.00	5.36	0
16130058	16130057	12.60	0 1-	2 ACSR 6/1	0	0	377	145	0	0	0	0.00	5.36	0
16130048	16130047	12.42	0 1-	2 ACSR 6/1	0	0	384	146	0	0	0	0.00	5.36	0
16130024	16130023	12.10	109 3-	2 ACSR 6/1	556	486	397	148	370	16	9	0.06	5.19	16
16130062	16130024	12.15	2 1-	2 ACSR 6/1	0	0	395	148	1	0	0	0.00	5.41	0
16130053	16130024	12.16	4 1-	2 ACSR 6/1	0	0	395	148	10	1	1	0.00	6.83	0
16130059	16130053	12.19	2 1-	2 ACSR 6/1	0	0	393	147	5	0	0	0.00	6.83	0
16130070	16130059	12.25	1 1-	2 ACSR 6/1	0	0	391	147	4	0	0	0.00	6.83	0
16130069	16130059	12.21	1 1-	2 ACSR 6/1	0	0	392	147	1	0	0	0.00	6.83	0
16130030	16130024	12.17	103 3-	2 ACSR 6/1	551	482	394	148	359	15	9	0.05	5.21	12
16130031	16130030	12.21	102 3-	2 ACSR 6/1	549	480	392	147	357	15	9	0.03	5.23	7
16130035	16130031	12.25	2 1-	2 ACSR 6/1	0	0	391	147	3	0	0	0.00	6.89	0
16130021	16130031	12.28	100 3-	2 ACSR 6/1	544	476	390	147	353	15	9	0.04	5.26	11
16130032	16130021	12.33	1 1-	2 ACSR 6/1	0	0	388	147	1	0	0	0.00	6.92	0
16130022	16130021	12.37	99 3-	2 ACSR 6/1	539	471	386	146	352	15	9	0.06	5.29	14
16130034	16130022	12.53	98 3-	2 ACSR 6/1	530	463	380	146	339	14	8	0.10	5.34	23
16130066	16130034	12.55	97 3-	2 ACSR 6/1	528	461	379	145	337	14	8	0.02	5.35	4
D16-13-P057	16130066	12.55	97 3-	REC-35-H	528	461	379	145	337	14	43	0.00	5.35	0
16130065	D16-13-P057	12.58	97 3-	2 ACSR 6/1	527	460	378	145	337	14	8	0.02	5.36	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16130061	16130065	12.63	90 3-	2 ACSR 6/1	524	457	376	145	329	14	8	0.03	5.38	8
D16-03-P015	16130061	12.63	5 1-	FUS	0	0	376	145	11	1	34	0.00	5.76	0
16030012	D16-03-P015	12.79	5 1-	2 ACSR 6/1	0	0	370	144	11	1	1	0.01	5.76	0
20852321	16030012	12.86	4 1-	2 ACSR 6/1	0	0	367	144	8	1	1	0.00	5.77	0
20852320	20852321	12.89	3 1-	2 ACSR 6/1	0	0	366	144	7	0	1	0.00	5.77	0
20852259	20852320	13.07	1 1-	2 ACSR 6/1	0	0	359	143	0	0	0	0.00	5.77	0
20852260	20852259	13.13	0 1-	2 ACSR 6/1	0	0	358	142	0	0	0	0.00	5.77	0
20852261	20852320	12.98	2 1-	2 ACSR 6/1	0	0	363	143	7	0	1	0.00	5.77	0
20852262	20852261	13.03	1 1-	2 ACSR 6/1	0	0	361	143	1	0	0	0.00	5.77	0
16030011	16130061	12.66	2 1-	2 ACSR 6/1	0	0	375	145	13	1	1	0.00	7.09	0
16130054	16030011	12.70	1 1-	2 ACSR 6/1	0	0	373	145	8	1	1	0.00	7.09	0
20852264	16130061	12.68	82 3-	2 ACSR 6/1	521	455	374	145	296	13	7	0.03	5.40	6
16030007	20852264	12.70	80 3-	2 ACSR 6/1	520	454	373	145	280	12	7	0.01	5.40	3
16030008	16030007	12.71	79 3-	2 ACSR 6/1	519	453	373	145	277	12	7	0.01	5.41	1
16030009	16030008	12.80	2 1-	2 ACSR 6/1	0	0	369	144	7	0	0	0.00	5.81	0
16030006	16030008	13.14	77 3-	2 ACSR 6/1	497	432	357	142	270	11	7	0.24	5.53	48
16040049	16030006	13.19	60 3-	2 ACSR 6/1	494	430	355	142	179	7	4	0.03	5.54	4
16040050	16040049	13.24	58 3-	2 ACSR 6/1	492	428	354	142	172	7	4	0.03	5.54	4
16040040	16040050	13.29	3 1-	2 ACSR 6/1	0	0	352	142	11	1	1	0.00	6.11	0
16040044	16040040	13.34	1 1-	2 ACSR 6/1	0	0	350	141	3	0	0	0.00	6.11	0
16040045	16040044	13.41	1 1-	2 ACSR 6/1	0	0	348	141	3	0	0	0.00	6.11	0
16040041	16040040	13.35	2 1-	2 ACSR 6/1	0	0	350	141	8	1	1	0.00	6.11	0
16040043	16040041	13.44	2 1-	2 ACSR 6/1	0	0	347	141	8	1	1	0.00	6.11	0
16040042	16040041	13.39	0 1-	2 ACSR 6/1	0	0	349	141	0	0	0	0.00	6.11	0
16040026	16040050	13.34	55 1-	2 ACSR 6/1	0	0	350	141	161	21	12	0.06	6.17	8
16040027	16040026	13.43	50 1-	2 ACSR 6/1	0	0	347	141	150	19	11	0.05	6.22	6
16040037	16040027	13.55	47 1-	2 ACSR 6/1	0	0	343	140	142	18	10	0.06	6.28	7
10940027	16040037	13.57	42 1-	2 ACSR 6/1	0	0	343	140	131	17	10	0.01	6.30	1
10940030	10940027	13.60	41 1-	2 ACSR 6/1	0	0	342	140	129	17	10	0.01	6.31	2
D10-94-P009	10940030	13.60	40 1-	SEC	0	0	342	140	127	16	0	0.00	6.31	0
10940046	D10-94-P009	13.63	40 1-	2 ACSR 6/1	0	0	341	140	127	16	9	0.02	6.33	2
10940032	10940046	13.72	5 1-	2 ACSR 6/1	0	0	338	139	23	3	2	0.01	6.33	0
10940029	10940032	13.76	1 1-	2 ACSR 6/1	0	0	337	139	5	0	0	0.00	6.33	0
10940033	10940032	13.84	4 1-	2 ACSR 6/1	0	0	334	139	18	2	1	0.01	6.34	0
10940034	10940033	13.89	3 1-	2 ACSR 6/1	0	0	333	139	13	1	1	0.00	6.34	0
10940025	10940034	14.05	1 1-	2 ACSR 6/1	0	0	328	138	6	0	0	0.00	6.35	0
10940026	10940025	14.09	1 1-	2 ACSR 6/1	0	0	327	138	6	0	0	0.00	6.35	0
10940022	10940034	14.05	2 1-	2 ACSR 6/1	0	0	328	138	7	0	1	0.00	6.35	0
D10-94-P062	10940022	14.05	2 1-	FUS-10	0	0	328	138	7	0	10	0.00	6.35	0
10940024	D10-94-P062	14.92	2 1-	2 ACSR 6/1	0	0	304	134	7	0	1	0.02	6.37	0
10830009	10940024	14.96	1 1-	2 ACSR 6/1	0	0	303	134	4	0	0	0.00	6.37	0
10830010	10830009	15.08	1 1-	2 ACSR 6/1	0	0	300	133	4	0	0	0.00	6.37	0
10830008	10940024	15.02	1 1-	2 ACSR 6/1	0	0	302	133	3	0	0	0.00	6.37	0
10940031	10940046	13.71	31 1-	2 ACSR 6/1	0	0	338	139	94	12	7	0.03	6.35	2
10940036	10940031	13.74	31 1-	2 ACSR 6/1	0	0	337	139	94	12	7	0.01	6.36	0
10940037	10940036	13.77	30 1-	2 ACSR 6/1	0	0	336	139	85	11	6	0.01	6.37	0
10940038	10940037	13.82	29 1-	2 ACSR 6/1	0	0	335	139	78	10	6	0.01	6.39	0
10940039	10940038	13.86	1 1-	2 ACSR 6/1	0	0	334	139	7	0	1	0.00	6.39	0
10940023	10940038	13.98	28 1-	2 ACSR 6/1	0	0	330	138	71	9	5	0.04	6.43	2
10940043	10940023	14.63	1 1-	2 ACSR 6/1	0	0	312	135	2	0	0	0.00	6.43	0
10940041	10940023	14.09	27 1-	2 ACSR 6/1	0	0	327	138	69	9	5	0.03	6.46	2
10940042	10940041	14.13	2 1-	2 ACSR 6/1	0	0	326	137	7	0	1	0.00	6.46	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10940047	10940041	14.22	23 1-	2 ACSR 6/1	0	0	323	137	56	7	4	0.03	6.49	1
10940048	10940047	14.35	23 1-	2 ACSR 6/1	0	0	320	136	56	7	4	0.03	6.52	1
10950013	10940048	14.38	22 1-	2 ACSR 6/1	0	0	319	136	54	7	4	0.01	6.52	0
10950014	10950013	14.42	5 1-	2 ACSR 6/1	0	0	317	136	11	1	1	0.00	6.52	0
10950012	10950013	14.45	15 1-	2 ACSR 6/1	0	0	317	136	33	4	2	0.01	6.53	0
10950008	10950012	14.52	12 1-	2 ACSR 6/1	0	0	315	136	24	3	2	0.01	6.54	0
10950009	10950008	14.59	9 1-	2 ACSR 6/1	0	0	313	135	19	2	1	0.00	6.54	0
10950010	10950009	14.62	6 1-	2 ACSR 6/1	0	0	312	135	9	1	1	0.00	6.54	0
10950011	10950010	14.68	3 1-	2 ACSR 6/1	0	0	310	135	5	0	0	0.00	6.54	0
10940040	10940041	14.31	1 1-	2 ACSR 6/1	0	0	321	137	5	0	0	0.00	6.46	0
10940035	10940031	13.76	0 1-	2 ACSR 6/1	0	0	337	139	0	0	0	0.00	6.35	0
10940028	16040037	13.62	1 1-	2 ACSR 6/1	0	0	341	140	7	0	1	0.00	6.29	0
16040028	16040027	13.59	1 1-	2 ACSR 6/1	0	0	342	140	2	0	0	0.00	6.22	0
16040039	16040028	13.77	1 1-	15 KV 2 URD XLP	0	0	336	232	2	0	0	0.00	6.22	0
16040047	16040026	13.37	3 1-	2 ACSR 6/1	0	0	349	141	5	0	0	0.00	6.17	0
16040056	16040047	13.57	1 1-	2 ACSR 6/1	0	0	343	140	1	0	0	0.00	6.17	0
16040046	16040026	13.37	2 1-	2 ACSR 6/1	0	0	349	141	5	0	0	0.00	6.17	0
16040060	16040046	13.41	1 1-	2 ACSR 6/1	0	0	348	141	2	0	0	0.00	6.17	0
16040025	16030006	13.25	17 1-	2 ACSR 6/1	0	0	353	142	90	12	7	0.04	7.35	3
16040031	16040025	13.29	15 1-	2 ACSR 6/1	0	0	352	142	81	10	6	0.01	7.36	0
16040032	16040031	13.34	11 1-	2 ACSR 6/1	0	0	350	141	63	8	5	0.01	7.37	0
16040034	16040032	13.40	2 1-	2 ACSR 6/1	0	0	348	141	11	1	1	0.00	7.38	0
16040033	16040032	13.39	8 1-	2 ACSR 6/1	0	0	349	141	50	6	4	0.01	7.38	0
16040035	16040033	13.46	7 1-	2 ACSR 6/1	0	0	346	141	40	5	3	0.01	7.39	0
16040038	16040035	13.55	1 1-	2 ACSR 6/1	0	0	343	140	7	0	0	0.00	7.39	0
16040059	16040038	13.63	0 1-	2 ACSR 6/1	0	0	341	140	0	0	0	0.00	7.39	0
16040048	16040035	13.51	2 1-	2 ACSR 6/1	0	0	345	140	10	1	1	0.00	7.39	0
16040057	16040048	13.55	1 1-	2 ACSR 6/1	0	0	343	140	2	0	0	0.00	7.39	0
16040058	16040057	13.66	1 1-	2 ACSR 6/1	0	0	340	140	2	0	0	0.00	7.39	0
16140002	16040058	13.93	0 1-	2 ACSR 6/1	0	0	332	138	0	0	0	0.00	7.39	0
16040036	16040035	13.50	1 1-	2 ACSR 6/1	0	0	345	141	10	1	1	0.00	7.39	0
16040029	16040025	13.36	2 1-	2 ACSR 6/1	0	0	350	141	9	1	1	0.00	7.35	0
16040030	16040029	13.41	1 1-	2 ACSR 6/1	0	0	348	141	2	0	0	0.00	7.35	0
16030010	20852264	12.75	1 1-	2 ACSR 6/1	0	0	371	144	9	1	1	0.00	5.79	0
16130060	16130065	12.64	5 3-	2 ACSR 6/1	523	457	375	145	3	0	0	0.00	5.36	0
20852255	16130060	12.69	5 3-	2 ACSR 6/1	521	454	373	145	3	0	0	0.00	5.36	0
20852256	20852255	12.72	5 1-	2 ACSR 6/1	0	0	372	145	3	0	0	0.00	3.30	0
20852257	20852256	12.77	5 1-	2 ACSR 6/1	0	0	371	144	3	0	0	0.00	3.30	0
20852258	20852257	12.82	3 1-	2 ACSR 6/1	0	0	369	144	3	0	0	0.00	3.30	0
20852263	20852255	12.75	0 3-	2 ACSR 6/1	518	451	371	144	0	0	0	0.00	5.36	0
16130033	16130022	12.42	1 1-	2 ACSR 6/1	0	0	384	146	13	1	1	0.00	6.97	0
16130051	16130056	12.01	3 1-	2 ACSR 6/1	0	0	401	148	14	1	1	0.00	5.31	0
16130052	16130051	12.11	1 1-	2 ACSR 6/1	0	0	397	148	8	1	1	0.00	5.31	0
16130041	16130027	11.34	1 1-	2 ACSR 6/1	0	0	429	152	5	0	0	0.00	3.34	0
16130026	16130037	11.07	4 1-	2 ACSR 6/1	0	0	440	153	11	1	1	0.00	6.00	0
16130039	16130026	11.11	3 1-	2 ACSR 6/1	0	0	438	153	10	1	1	0.00	6.00	0
16130040	16130039	11.18	1 1-	2 ACSR 6/1	0	0	435	152	8	1	1	0.00	6.00	0
16130038	16130026	11.15	1 1-	2 ACSR 6/1	0	0	436	152	1	0	0	0.00	6.00	0
16130036	16130050	11.01	1 1-	2 ACSR 6/1	0	0	442	153	3	0	0	0.00	5.89	0
20851766	20851765	9.98	1 1-	2 ACSR 6/1	0	0	492	157	9	1	1	0.00	4.54	0
20851764	20851915	9.93	1 1-	2 ACSR 6/1	0	0	495	158	7	0	1	0.00	4.94	0
20852251	20851872	9.57	1 1-	2 ACSR 6/1	0	0	515	159	6	0	0	0.00	4.62	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851869	15090007	9.40	1 1-	2 ACSR 6/1	0	0	526	160	4	0	0	0.00	4.45	0
15190043	15190045	8.88	1 1-	2 ACSR 6/1	0	0	559	162	6	0	0	0.00	3.74	0
15190042	15190046	8.79	1 1-	2 ACSR 6/1	0	0	564	163	3	0	0	0.00	3.79	0
15190056	15190074	8.06	3 3-	1/0 ACSR 6/1	876	775	622	166	12	0	0	0.00	3.01	0
15190059	15190056	8.11	1 1-	2 ACSR 6/1	0	0	617	166	5	0	0	0.00	3.11	0
15190058	15190056	8.12	2 1-	2 ACSR 6/1	0	0	616	166	7	0	0	0.00	3.19	0
15190035	15190056	8.07	0 3-	1/0 ACSR 6/1	875	774	621	166	0	0	0	0.00	3.01	0
15-19-P076-A	15190035	8.07	0 3-	Open	875	774	621	166	0	0	0	0.00	3.01	0
15190069	15290031	7.74	1 1-	2 ACSR 6/1	0	0	649	168	3	0	0	0.00	2.83	0
15290039	15290034	7.43	1 1-	2 ACSR 6/1	0	0	678	169	2	0	0	0.00	2.56	0
15290029	15290036	7.11	22 1-	2 ACSR 6/1	0	0	712	171	63	8	5	0.02	7.35	1
D15-29-P013	15290029	7.11	22 1-	REC-25-H	0	0	712	171	63	8	34	0.00	7.35	0
15290028	D15-29-P013	7.19	22 1-	2 ACSR 6/1	0	0	702	170	63	8	5	0.02	7.37	0
20851957	15290028	7.29	19 1-	2 ACSR 6/1	0	0	689	169	52	6	4	0.02	7.39	0
20851958	20851957	7.38	18 1-	2 ACSR 6/1	0	0	679	169	49	6	4	0.02	7.41	0
20851949	20851958	7.45	18 1-	2 ACSR 6/1	0	0	670	168	49	6	4	0.01	7.42	0
20851951	20851949	7.52	17 1-	2 ACSR 6/1	0	0	661	168	45	6	3	0.01	7.43	0
20852198	20851951	7.58	1 1-	2 ACSR 6/1	0	0	655	167	3	0	0	0.00	7.43	0
20852060	20851951	7.69	15 1-	2 ACSR 6/1	0	0	642	167	43	5	3	0.03	7.46	0
16220016	20852060	8.07	15 1-	2 ACSR 6/1	0	0	604	164	43	5	3	0.06	7.52	2
16220018	16220016	8.15	14 1-	2 ACSR 6/1	0	0	595	164	39	5	3	0.01	7.53	0
16320004	16220018	8.26	13 1-	2 ACSR 6/1	0	0	585	163	33	4	2	0.01	7.55	0
16320017	16320004	8.30	11 1-	2 ACSR 6/1	0	0	582	163	30	4	2	0.00	7.55	0
16320018	16320017	8.38	10 1-	2 ACSR 6/1	0	0	575	162	27	3	2	0.01	7.56	0
16320019	16320018	8.41	2 1-	2 ACSR 6/1	0	0	572	162	4	0	0	0.00	7.56	0
16320020	16320019	8.44	1 1-	2 ACSR 6/1	0	0	570	162	2	0	0	0.00	7.56	0
16320005	16320018	8.48	6 1-	2 ACSR 6/1	0	0	566	161	20	2	1	0.01	7.57	0
16320006	16320005	8.61	1 1-	2 ACSR 6/1	0	0	555	161	0	0	0	0.00	7.57	0
16320007	16320005	8.53	4 1-	2 ACSR 6/1	0	0	562	161	18	2	1	0.00	7.57	0
16320010	16320007	8.57	2 1-	2 ACSR 6/1	0	0	559	161	6	0	0	0.00	7.57	0
16320012	16320010	9.38	0 1-	2 ACSR 6/1	0	0	498	156	0	0	0	0.00	7.57	0
16320011	16320010	8.89	1 1-	2 ACSR 6/1	0	0	533	159	2	0	0	0.00	7.57	0
16320008	16320011	8.96	1 1-	2 ACSR 6/1	0	0	527	158	2	0	0	0.00	7.57	0
16320003	16320011	9.26	0 1-	2 ACSR 6/1	0	0	506	157	0	0	0	0.00	7.57	0
16320009	16320007	8.60	2 1-	2 ACSR 6/1	0	0	556	161	12	1	1	0.00	7.57	0
16220012	20852060	7.74	0 1-	2 ACSR 6/1	0	0	638	166	0	0	0	0.00	7.46	0
20851950	20851949	7.50	1 1-	2 ACSR 6/1	0	0	664	168	3	0	0	0.00	7.42	0
16220011	20851949	7.55	0 1-	2 ACSR 6/1	0	0	659	168	0	0	0	0.00	7.42	0
15290042	15290028	7.28	3 1-	2 ACSR 6/1	0	0	691	170	11	1	1	0.00	7.37	0
15290047	15290035	6.83	1 1-	2 ACSR 6/1	0	0	745	172	3	0	0	0.00	7.10	0
15290051	20851540	6.76	1 1-	2 ACSR 6/1	0	0	754	173	6	0	0	0.00	7.05	0
15290050	15290049	6.62	1 1-	2 ACSR 6/1	0	0	771	173	1	0	0	0.00	2.90	0
15380010	15280012	5.28	1 1-	2 ACSR 6/1	0	0	993	180	3	0	0	0.00	5.61	0
15280027	15280013	5.31	2 1-	2 ACSR 6/1	0	0	983	180	39	5	3	0.01	4.91	0
15280014	15280013	5.52	0 1-	2 ACSR 6/1	0	0	934	178	0	0	0	0.00	4.90	0
15270023	15270044	4.29	391 3-	336 ACSR 18/1	1767	1611	1261	186	1907	83	16	0.03	3.61	37
D15-27-P047	15270023	4.29	391 3-	REC-100-L	1767	1611	1261	186	1907	83	83	0.00	3.61	0
15270035	D15-27-P047	4.33	391 3-	336 ACSR 18/1	1755	1601	1252	186	1907	83	16	0.02	3.63	25
15270045	15270035	4.44	390 3-	336 ACSR 18/1	1726	1573	1228	185	1906	82	16	0.05	3.68	67
15270046	15270045	4.53	388 3-	336 ACSR 18/1	1700	1548	1207	185	1893	82	16	0.05	3.73	59
15270033	15270046	4.60	386 3-	336 ACSR 18/1	1684	1533	1194	185	1881	81	15	0.03	3.76	38
15270034	15270033	4.64	386 3-	336 ACSR 18/1	1674	1524	1186	185	1881	81	15	0.02	3.78	24

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15270028	15270034	4.70	385 3-	336 ACSR 18/1	1658	1509	1173	185	1874	81 15	0.03	3.81	36	
15270047	15270028	4.77	384 3-	336 ACSR 18/1	1641	1493	1160	185	1868	81 15	0.03	3.85	42	
15270049	15270047	5.00	383 3-	336 ACSR 18/1	1586	1442	1116	184	1867	81 15	0.11	3.96	139	
15270050	15270049	5.14	378 3-	336 ACSR 18/1	1555	1412	1091	184	1844	80 15	0.06	4.03	82	
20851538	15270050	5.25	373 3-	336 ACSR 18/1	1533	1391	1073	183	1808	78 15	0.04	4.08	58	
15170028	20851538	5.30	1 1-	2 ACSR 6/1	0	0	1059	183	6	0	0.00	4.66	0	
15170027	20851538	5.47	369 3-	336 ACSR 18/1	1486	1348	1037	183	1793	78 15	0.09	4.18	124	
15170009	15170027	5.55	369 3-	336 ACSR 18/1	1471	1333	1025	183	1792	78 15	0.03	4.22	44	
15170026	15170009	5.61	2 1-	2 ACSR 6/1	0	0	1010	182	13	1	0.00	5.35	0	
15170025	15170009	5.64	367 3-	336 ACSR 18/1	1454	1318	1012	183	1779	77 15	0.04	4.26	47	
15170046	15170025	5.72	1 1-	2 ACSR 6/1	0	0	991	182	5	0	0.00	4.82	0	
15170024	15170025	5.71	366 3-	336 ACSR 18/1	1439	1304	1000	182	1774	77 15	0.03	4.30	42	
15170023	15170024	5.80	1 1-	2 ACSR 6/1	0	0	980	182	8	1	0.00	4.85	0	
15170022	15170024	5.76	365 3-	336 ACSR 18/1	1430	1296	993	182	1765	77 15	0.02	4.32	27	
15170021	15170022	5.80	362 3-	336 ACSR 18/1	1424	1290	988	182	1754	76 14	0.01	4.33	17	
15170020	15170021	5.87	359 3-	336 ACSR 18/1	1411	1278	978	182	1748	76 14	0.03	4.37	38	
15170019	15170020	5.92	353 3-	336 ACSR 18/1	1402	1269	971	182	1734	75 14	0.02	4.39	27	
15170018	15170019	6.03	1 1-	2 ACSR 6/1	0	0	946	181	3	0	0.00	4.93	0	
15170017	15170019	5.97	2 1-	2 ACSR 6/1	0	0	961	181	7	0	0.00	5.54	0	
15170011	15170019	5.95	350 3-	336 ACSR 18/1	1397	1265	967	182	1724	75 14	0.01	4.40	14	
15170012	15170011	6.12	14 1-	2 ACSR 6/1	0	0	929	180	42	5	0.03	5.58	0	
15170014	15170012	6.20	10 1-	2 ACSR 6/1	0	0	913	180	34	4	0.01	5.59	0	
15170043	15170014	6.24	8 1-	2 ACSR 6/1	0	0	905	180	27	3	0.00	5.60	0	
15170045	15170043	6.37	2 1-	2 ACSR 6/1	0	0	879	178	0	0	0.00	5.60	0	
15170042	15170045	6.46	1 1-	2 ACSR 6/1	0	0	863	178	0	0	0.00	5.60	0	
15170041	15170042	6.52	1 1-	2 ACSR 6/1	0	0	851	177	0	0	0.00	5.60	0	
15170044	15170043	6.28	6 1-	2 ACSR 6/1	0	0	897	179	27	3	0.00	5.60	0	
15170015	15170044	6.38	2 1-	2 ACSR 6/1	0	0	877	178	2	0	0.00	5.60	0	
15170039	15170044	6.35	1 1-	2 ACSR 6/1	0	0	883	179	5	0	0.00	5.60	0	
15170040	15170039	6.46	1 1-	2 ACSR 6/1	0	0	862	178	5	0	0.00	5.60	0	
15170016	15170040	6.53	1 1-	2 ACSR 6/1	0	0	850	177	5	0	0.00	5.60	0	
15170013	15170012	6.19	2 1-	2 ACSR 6/1	0	0	915	180	4	0	0.00	5.58	0	
15170010	15170011	6.08	335 3-	336 ACSR 18/1	1373	1243	949	181	1679	73 14	0.06	4.46	66	
15170047	15170010	6.19	334 3-	336 ACSR 18/1	1355	1226	936	181	1676	73 14	0.05	4.51	52	
15170048	15170047	6.27	334 3-	336 ACSR 18/1	1342	1214	925	181	1676	73 14	0.03	4.54	39	
15070036	15170048	6.41	332 3-	336 ACSR 18/1	1319	1193	908	181	1668	73 14	0.06	4.60	68	
15070035	15070036	6.51	331 3-	336 ACSR 18/1	1305	1180	897	180	1663	72 14	0.04	4.64	44	
15070051	15070035	6.59	1 1-	2 ACSR 6/1	0	0	881	180	15	2	0.00	5.18	0	
15070050	15070035	6.55	330 3-	336 ACSR 18/1	1298	1173	892	180	1647	72 14	0.02	4.66	22	
15070034	15070050	6.61	329 3-	336 ACSR 18/1	1289	1165	885	180	1647	72 14	0.02	4.69	27	
15070033	15070034	6.69	3 1-	2 ACSR 6/1	0	0	871	180	18	2	0.00	5.23	0	
15070032	15070034	6.69	325 3-	336 ACSR 18/1	1277	1154	876	180	1622	71 13	0.03	4.72	38	
15-07-P048-B	15070032	6.69	325 3-	Closed	1277	1154	876	180	1622	71	0	0.00	4.72	0
15-07-P048-A	15-07-P048-B	6.69	325 3-	Closed	1277	1154	876	180	1622	71	0	0.00	4.72	0
15070052	15-07-P048-A	6.70	325 3-	336 ACSR 18/1	1276	1153	875	180	1622	71 13	0.00	4.73	4	
15070031	15070052	6.72	322 3-	2 ACSR 6/1	1269	1146	871	180	1608	70 39	0.04	4.77	55	
15070037	15070031	6.76	8 1-	2 ACSR 6/1	0	0	863	179	39	5	0.01	5.97	0	
15070022	15070037	6.90	7 1-	2 ACSR 6/1	0	0	839	178	36	4	0.02	5.99	0	
15070021	15070022	7.01	6 1-	2 ACSR 6/1	0	0	822	178	28	3	0.01	6.00	0	
15070040	15070021	7.23	0 1-	2 ACSR 6/1	0	0	785	176	0	0	0.00	6.00	0	
15070023	15070021	7.10	6 1-	2 ACSR 6/1	0	0	807	177	28	3	0.01	6.01	0	
15070039	15070023	7.19	1 1-	2 ACSR 6/1	0	0	791	176	8	1	0.00	6.01	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15070024	15070023	7.14	3 1-	2 ACSR 6/1	0	0	800	177	13	1	1	0.00	6.01	0
15070025	15070024	7.26	1 1-	2 ACSR 6/1	0	0	781	176	5	0	0	0.00	6.01	0
15070038	15070022	7.09	1 1-	2 ACSR 6/1	0	0	807	177	9	1	1	0.00	5.99	0
15070030	15070031	6.80	313 3-	2 ACSR 6/1	1248	1125	856	179	1560	68	38	0.13	4.90	171
15070048	15070030	6.85	299 3-	1/0 ACSR 6/1	1238	1116	849	179	1482	65	28	0.04	4.94	53
15070047	15070048	6.91	298 3-	1/0 ACSR 6/1	1225	1103	840	179	1475	64	28	0.05	5.01	73
99700071	15070047	6.93	9 1-	2 ACSR 6/1	0	0	837	178	48	6	4	0.00	6.22	0
9970102	9970071	6.97	3 1-	2 ACSR 6/1	0	0	830	178	15	2	1	0.00	6.23	0
9970116	9970071	6.99	2 1-	2 ACSR 6/1	0	0	827	178	17	2	1	0.00	6.23	0
99700072	9970071	6.98	4 1-	2 ACSR 6/1	0	0	828	178	16	2	1	0.00	6.23	0
99700073	9970072	7.02	3 1-	2 ACSR 6/1	0	0	821	178	8	1	1	0.00	6.23	0
99700074	9970073	7.20	2 1-	2 ACSR 6/1	0	0	792	176	7	0	1	0.01	6.23	0
9970115	9970074	7.28	1 1-	2 ACSR 6/1	0	0	781	176	7	0	0	0.00	6.23	0
9970107	9970074	7.27	1 1-	2 ACSR 6/1	0	0	782	176	1	0	0	0.00	6.23	0
9970070	15070047	6.96	286 3-	1/0 ACSR 6/1	1215	1093	833	178	1413	62	27	0.04	5.05	51
9970069	9970070	6.99	284 3-	1/0 ACSR 6/1	1206	1086	828	178	1400	61	27	0.04	5.09	42
9970068	9970069	7.04	283 3-	1/0 ACSR 6/1	1197	1077	822	178	1393	61	27	0.04	5.13	44
9970067	9970068	7.07	281 3-	1/0 ACSR 6/1	1191	1071	818	178	1380	60	26	0.03	5.16	31
9970082	9970067	7.08	254 3-	1/0 ACSR 6/1	1187	1068	815	178	1252	55	24	0.02	5.18	18
9970083	9970082	7.15	10 1-	2 ACSR 6/1	0	0	805	177	63	8	5	0.01	5.70	0
9970119	9970083	7.19	3 1-	2 ACSR 6/1	0	0	799	177	20	2	1	0.00	5.70	0
9970084	9970083	7.18	5 1-	2 ACSR 6/1	0	0	799	177	31	4	2	0.00	5.70	0
9970085	9970084	7.22	4 1-	2 ACSR 6/1	0	0	794	177	24	3	2	0.00	5.70	0
9970064	9970085	7.27	2 1-	2 ACSR 6/1	0	0	786	176	14	1	1	0.00	5.70	0
9970065	9970064	7.31	0 1-	2 ACSR 6/1	0	0	780	176	0	0	0	0.00	5.70	0
9970081	9970082	7.12	244 3-	1/0 ACSR 6/1	1180	1061	810	177	1188	52	23	0.02	5.21	29
9970080	9970081	7.18	241 3-	1/0 ACSR 6/1	1168	1050	802	177	1177	51	23	0.04	5.25	46
9970079	9970080	7.21	238 3-	1/0 ACSR 6/1	1162	1043	798	177	1160	51	22	0.02	5.28	26
9970078	9970079	7.28	236 3-	1/0 ACSR 6/1	1148	1030	788	177	1159	51	22	0.05	5.34	57
9970077	9970078	7.35	9 1-	2 ACSR 6/1	0	0	778	176	45	5	3	0.01	5.82	0
9970103	9970077	7.45	4 1-	2 ACSR 6/1	0	0	763	175	28	3	2	0.01	5.83	0
9870174	9970103	7.49	1 1-	2 ACSR 6/1	0	0	757	175	8	1	1	0.00	5.83	0
9870158	9970103	7.53	1 1-	2 ACSR 6/1	0	0	752	175	11	1	1	0.00	5.83	0
9870157	9970103	7.58	1 1-	2 ACSR 6/1	0	0	745	174	3	0	0	0.00	5.83	0
9970118	9970077	7.39	5 1-	2 ACSR 6/1	0	0	772	176	16	2	1	0.00	5.82	0
9970076	9970078	7.32	227 3-	1/0 ACSR 6/1	1141	1024	784	176	1113	49	21	0.02	5.37	25
9970075	9970076	7.52	224 3-	1/0 ACSR 6/1	1103	989	758	175	1102	48	21	0.11	5.52	146
9870153	9970075	7.57	223 3-	1/0 ACSR 6/1	1093	979	752	175	1098	48	21	0.03	5.57	41
9870152	9870153	7.64	1 1-	2 ACSR 6/1	0	0	743	175	4	0	0	0.00	5.97	0
9870086	9870153	7.68	183 3-	1/0 ACSR 6/1	1075	962	739	175	939	41	18	0.06	5.63	52
9870150	9870086	7.90	5 1-	2 ACSR 6/1	0	0	710	173	28	3	2	0.02	6.05	0
9870151	9870150	8.00	2 1-	2 ACSR 6/1	0	0	698	172	13	1	1	0.00	6.05	0
9870121	9870151	8.03	1 1-	2 ACSR 6/1	0	0	694	172	9	1	1	0.00	6.05	0
9870149	9870086	7.75	178 3-	1/0 ACSR 6/1	1064	952	732	174	911	40	18	0.04	5.68	31
9870148	9870149	7.82	177 3-	1/0 ACSR 6/1	1051	940	723	174	905	40	17	0.04	5.73	36
9870104	9870148	7.86	2 1-	2 ACSR 6/1	0	0	718	173	10	1	1	0.00	7.16	0
9870105	9870104	7.91	1 1-	2 ACSR 6/1	0	0	711	173	3	0	0	0.00	7.16	0
9870089	9870148	7.87	2 1-	2 ACSR 6/1	0	0	717	173	18	2	1	0.00	6.11	0
9870094	9870089	7.90	1 1-	2 ACSR 6/1	0	0	713	173	9	1	1	0.00	6.11	0
9870088	9870148	7.89	173 3-	1/0 ACSR 6/1	1039	929	715	173	877	38	17	0.03	5.77	30
9870087	9870088	7.94	171 3-	1/0 ACSR 6/1	1032	922	710	173	867	38	17	0.02	5.80	21
9870115	9870087	7.98	126 3-	1/0 ACSR 6/1	1026	916	706	173	658	29	13	0.01	5.82	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D09-87-P038	9870115	7.98	126 3-	REC-50-4H	1026		706	173	658	29	58	0.00	5.82	0
9870171	D09-87-P038	8.03	126 3-	1/0 ACSR 6/1	1018	909	701	173	658	29	13	0.01	5.84	12
9870141	9870171	8.09	124 3-	1/0 ACSR 6/1	1009	901	695	172	649	28	13	0.01	5.87	15
9870144	9870141	8.13	8 1-	2 ACSR 6/1	0	0	690	172	40	5	3	0.01	4.06	0
9870146	9870144	8.18	4 1-	2 ACSR 6/1	0	0	684	172	23	3	2	0.00	4.07	0
9870147	9870146	8.21	1 1-	2 ACSR 6/1	0	0	680	172	7	0	0	0.00	4.07	0
9870145	9870144	8.15	3 1-	2 ACSR 6/1	0	0	687	172	10	1	1	0.00	4.06	0
9870143	9870141	8.14	113 3-	1/0 ACSR 6/1	1001	893	689	172	596	26	12	0.01	5.89	12
9870140	9870143	8.19	112 3-	1/0 ACSR 6/1	993	885	684	172	593	26	11	0.01	5.91	12
9870139	9870140	8.24	108 3-	1/0 ACSR 6/1	986	879	679	172	580	25	11	0.01	5.93	9
9870135	9870139	8.27	106 3-	1/0 ACSR 6/1	981	875	676	171	568	25	11	0.01	5.94	7
9870137	9870135	8.32	103 3-	1/0 ACSR 6/1	975	869	672	171	560	24	11	0.01	5.96	9
9870136	9870137	8.38	101 3-	1/0 ACSR 6/1	966	860	666	171	551	24	11	0.01	5.98	13
9870119	9870136	8.44	6 1-	2 ACSR 6/1	0	0	659	171	35	4	3	0.01	7.54	0
9870120	9870119	8.49	5 1-	2 ACSR 6/1	0	0	654	170	25	3	2	0.00	7.54	0
9870175	9870120	8.53	4 1-	2 ACSR 6/1	0	0	649	170	20	2	2	0.00	7.55	0
9870131	9870175	8.63	1 1-	2 ACSR 6/1	0	0	639	169	6	0	0	0.00	7.55	0
9870129	9870175	8.56	3 1-	2 ACSR 6/1	0	0	646	170	14	1	1	0.00	7.55	0
9870130	9870129	8.61	2 1-	2 ACSR 6/1	0	0	641	169	14	1	1	0.00	7.55	0
9870095	9870136	8.47	1 1-	2 ACSR 6/1	0	0	655	170	7	0	1	0.00	4.16	0
9870113	9870136	8.44	91 3-	1/0 ACSR 6/1	957	852	660	171	495	22	10	0.01	6.01	10
9870111	9870113	8.52	3 1-	2 ACSR 6/1	0	0	652	170	13	1	1	0.00	6.28	0
9870112	9870111	8.57	1 1-	2 ACSR 6/1	0	0	645	170	4	0	0	0.00	6.28	0
9870085	9870113	8.53	88 3-	1/0 ACSR 6/1	945	842	652	170	482	21	9	0.02	6.04	13
9870142	9870085	8.57	45 1-	2 ACSR 6/1	0	0	648	170	194	26	14	0.03	7.65	5
D09-87-P153	9870142	8.57	44 1-	REC-35-H	0	0	648	170	193	25	74	0.00	7.65	0
9870127	D09-87-P153	8.60	44 1-	2 ACSR 6/1	0	0	644	170	193	25	14	0.02	7.67	4
9870128	9870127	8.72	40 1-	2 ACSR 6/1	0	0	632	169	175	23	13	0.08	7.75	12
9870116	9870128	8.79	10 1-	2 ACSR 6/1	0	0	625	168	44	5	3	0.01	7.76	0
9870114	9870116	8.86	1 1-	2 ACSR 6/1	0	0	618	168	5	0	0	0.00	7.76	0
9870118	9870116	9.24	9 1-	2 ACSR 6/1	0	0	583	165	38	5	3	0.07	7.83	2
9770073	9870118	9.34	4 1-	2 ACSR 6/1	0	0	574	165	27	3	2	0.01	7.84	0
9760024	9770073	9.36	3 1-	2 ACSR 6/1	0	0	572	164	21	2	2	0.00	7.84	0
9760025	9760024	9.42	3 1-	2 ACSR 6/1	0	0	567	164	21	2	2	0.00	7.84	0
9760023	9760025	9.47	1 1-	2 ACSR 6/1	0	0	563	164	8	1	1	0.00	7.85	0
9770072	9870118	9.29	4 1-	2 ACSR 6/1	0	0	578	165	10	1	1	0.00	7.83	0
9870106	9870128	8.88	30 1-	2 ACSR 6/1	0	0	616	168	132	17	10	0.08	7.83	9
9870107	9870106	8.98	28 1-	2 ACSR 6/1	0	0	606	167	126	17	9	0.05	7.88	5
9870108	9870107	9.02	27 1-	2 ACSR 6/1	0	0	603	167	123	16	9	0.02	7.90	2
9870109	9870108	9.07	26 1-	2 ACSR 6/1	0	0	598	166	118	15	9	0.02	7.92	2
9870110	9870109	9.17	25 1-	2 ACSR 6/1	0	0	589	166	110	14	8	0.04	7.96	4
9860052	9870110	9.25	2 1-	2 ACSR 6/1	0	0	582	165	3	0	0	0.00	7.96	0
9860058	9860052	9.28	1 1-	2 ACSR 6/1	0	0	579	165	1	0	0	0.00	7.96	0
9860051	9870110	9.55	23 1-	2 ACSR 6/1	0	0	556	163	107	14	8	0.16	8.12	14
9860114	9860051	9.60	21 1-	2 ACSR 6/1	0	0	552	163	98	13	7	0.02	8.14	1
9860116	9860114	9.64	1 1-	2 ACSR 6/1	0	0	549	163	5	0	0	0.00	8.14	0
9860115	9860114	9.64	20 1-	2 ACSR 6/1	0	0	549	163	93	12	7	0.01	8.15	0
9760021	9860115	9.73	19 1-	2 ACSR 6/1	0	0	542	162	82	11	6	0.03	8.18	2
9760042	9760021	9.92	15 1-	2 ACSR 6/1	0	0	528	161	60	8	4	0.04	8.22	2
9760044	9760042	10.06	2 1-	15 KV 2 URD XLP	0	0	518	304	6	0	1	0.00	8.23	0
9760045	9760044	10.14	1 1-	15 KV 2 URD XLP	0	0	512	302	0	0	0	0.00	8.23	0
9760043	9760042	9.99	13 1-	2 ACSR 6/1	0	0	522	160	53	7	4	0.01	8.24	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9760036	9760043	10.03	5 1-	2 ACSR 6/1	0	0	519	160	31	4	2	0.00	8.24	0
9760037	9760036	10.06	2 1-	2 ACSR 6/1	0	0	517	160	15	2	1	0.00	8.24	0
9760018	9760037	10.18	1 1-	2 ACSR 6/1	0	0	509	159	6	0	0	0.00	8.25	0
9760027	9760018	10.25	1 1- 15 KV 2 URD XLP		0	0	505	300	6	0	1	0.00	8.25	0
9760017	9760037	10.10	1 1-	2 ACSR 6/1	0	0	515	160	8	1	1	0.00	8.24	0
9760028	9760017	10.15	0 1-	2 ACSR 6/1	0	0	512	159	0	0	0	0.00	8.24	0
9760029	9760017	10.14	1 1-	2 ACSR 6/1	0	0	512	159	8	1	1	0.00	8.24	0
9760030	9760036	10.08	2 1-	2 ACSR 6/1	0	0	516	160	11	1	1	0.00	8.24	0
9760031	9760043	10.06	7 1-	2 ACSR 6/1	0	0	518	160	16	2	1	0.00	8.24	0
9760032	9760031	10.17	7 1-	2 ACSR 6/1	0	0	510	159	16	2	1	0.01	8.25	0
9760019	9760032	10.23	1 1-	2 ACSR 6/1	0	0	506	159	4	0	0	0.00	8.25	0
9760033	9760032	10.25	6 1-	2 ACSR 6/1	0	0	505	159	12	1	1	0.00	8.25	0
9760034	9760033	10.35	5 1-	2 ACSR 6/1	0	0	498	158	9	1	1	0.00	8.25	0
9760026	9760034	10.47	3 1-	2 ACSR 6/1	0	0	490	157	6	0	0	0.00	8.26	0
9760035	9760034	10.51	2 1-	2 ACSR 6/1	0	0	487	157	3	0	0	0.00	8.26	0
9760022	9760021	9.80	2 1-	2 ACSR 6/1	0	0	536	162	10	1	1	0.00	8.18	0
9760020	9760022	9.83	1 1-	2 ACSR 6/1	0	0	534	161	6	0	0	0.00	8.18	0
9860059	9860051	9.59	2 1-	2 ACSR 6/1	0	0	553	163	9	1	1	0.00	8.12	0
9860060	9860059	9.62	1 1-	2 ACSR 6/1	0	0	550	163	2	0	0	0.00	8.12	0
9870125	9870085	8.60	43 3-	1/0 ACSR 6/1	935	832	645	170	288	12	6	0.03	6.05	4
9870124	9870125	8.66	39 3-	1/0 ACSR 6/1	927	825	640	170	268	11	5	0.02	6.06	3
9870123	9870124	8.79	2 1-	2 ACSR 6/1	0	0	626	169	10	1	1	0.00	4.22	0
9870122	9870124	8.78	36 3-	1/0 ACSR 6/1	911	810	629	169	251	11	5	0.05	6.08	5
9770059	9870122	8.85	3 1-	2 ACSR 6/1	0	0	622	168	17	2	1	0.00	6.39	0
9770061	9770059	8.90	2 1-	2 ACSR 6/1	0	0	618	168	13	1	1	0.00	6.39	0
9770062	9770061	8.94	1 1-	2 ACSR 6/1	0	0	614	168	10	1	1	0.00	6.39	0
9770060	9770059	8.89	1 1-	2 ACSR 6/1	0	0	619	168	5	0	0	0.00	6.39	0
9770058	9870122	8.87	31 3-	1/0 ACSR 6/1	901	801	622	168	225	10	4	0.03	6.10	3
9770068	9770058	9.04	26 3-	1/0 ACSR 6/1	881	782	608	168	201	8	4	0.05	6.12	5
9770067	9770068	9.08	25 3-	1/0 ACSR 6/1	875	777	605	167	196	8	4	0.01	6.13	1
9770120	9770067	9.11	1 1-	2 ACSR 6/1	0	0	602	167	60	8	5	0.01	6.48	0
9770122	9770120	9.17	0 1- 15 KV 2 URD XLP		0	0	597	332	0	0	0	0.00	6.48	0
9770121	9770120	9.40	1 1-	2 ACSR 6/1	0	0	577	165	60	8	5	0.04	6.52	1
9770117	9770121	9.47	0 1-	2 ACSR 6/1	0	0	570	165	0	0	0	0.00	6.52	0
9770119	9770117	9.51	0 1- 15 KV 2 URD XLP		0	0	567	323	0	0	0	0.00	6.52	0
9770118	9770117	9.54	0 1-	2 ACSR 6/1	0	0	564	164	0	0	0	0.00	6.52	0
9770056	9770067	9.12	24 3-	1/0 ACSR 6/1	871	773	602	167	136	5	3	0.00	6.13	0
9770055	9770056	9.26	23 3-	1/0 ACSR 6/1	855	758	591	167	121	5	2	0.01	6.14	1
9770116	9770055	9.32	2 1-	2 ACSR 6/1	0	0	586	166	20	2	2	0.00	7.70	0
9770107	9770055	9.34	1 1-	2 ACSR 6/1	0	0	584	166	4	0	0	0.00	6.48	0
9770105	9770055	9.33	20 3-	1/0 ACSR 6/1	847	751	586	166	97	4	2	0.01	6.15	0
9770106	9770105	9.40	2 1-	2 ACSR 6/1	0	0	580	166	11	1	1	0.00	4.26	0
9770104	9770105	9.38	17 3-	1/0 ACSR 6/1	841	746	582	166	81	3	2	0.00	6.15	0
9770103	9770104	9.45	16 3-	1/0 ACSR 6/1	834	739	577	166	72	3	1	0.00	6.15	0
D09-77-P007	9770103	9.45	7 1-	FUS-20	0	0	577	166	26	3	20	0.00	7.71	0
9770115	D09-77-P007	9.47	7 1-	2 ACSR 6/1	0	0	575	166	26	3	2	0.00	7.71	0
9770092	9770115	9.51	6 1-	2 ACSR 6/1	0	0	572	165	23	3	2	0.00	7.71	0
9770080	9770092	9.63	5 1-	2 ACSR 6/1	0	0	562	164	19	2	1	0.01	7.72	0
9770081	9770080	9.73	5 1-	2 ACSR 6/1	0	0	554	164	19	2	1	0.01	7.73	0
9770082	9770081	9.76	3 1-	2 ACSR 6/1	0	0	551	164	11	1	1	0.00	7.73	0
9770083	9770082	9.78	3 1-	2 ACSR 6/1	0	0	550	163	11	1	1	0.00	7.73	0
9770084	9770083	9.83	0 1-	2 ACSR 6/1	0	0	546	163	0	0	0	0.00	7.73	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D09-77-P007A	9770103	9.45	8 1-	REC-25-H	0	0	577	166	37	4	20	0.00	6.50	0
	9770085	9.51	8 1-	2 ACSR 6/1	0	0	572	165	37	4	3	0.01	6.51	0
	9770086	9.55	7 1-	2 ACSR 6/1	0	0	568	165	31	4	2	0.01	6.51	0
	9770091	9.59	2 1-	2 ACSR 6/1	0	0	565	165	4	0	0	0.00	6.51	0
	9770087	9.66	1 1-	2 ACSR 6/1	0	0	560	164	3	0	0	0.00	6.51	0
	9770089	9.65	5 1-	2 ACSR 6/1	0	0	561	164	27	3	2	0.01	6.52	0
	9770090	9.70	5 1-	2 ACSR 6/1	0	0	556	164	27	3	2	0.01	6.53	0
	9770099	9.75	2 1-	2 ACSR 6/1	0	0	553	164	7	0	1	0.00	6.53	0
	9770098	9.89	3 1-	2 ACSR 6/1	0	0	542	163	20	2	1	0.01	6.54	0
	9770100	9.94	1 1-	2 ACSR 6/1	0	0	538	162	7	0	1	0.00	6.54	0
	9770052	10.05	2 1-	2 ACSR 6/1	0	0	529	162	13	1	1	0.01	6.55	0
	9770102	10.11	1 1-	2 ACSR 6/1	0	0	525	161	6	0	0	0.00	6.55	0
	9770097	10.26	1 1-	2 ACSR 6/1	0	0	515	160	6	0	0	0.00	6.55	0
	9780002	10.30	0 1-	2 ACSR 6/1	0	0	512	160	0	0	0	0.00	6.55	0
	9770101	10.11	1 1-	2 ACSR 6/1	0	0	525	161	7	0	1	0.00	6.55	0
	9770114	9.56	0 3-	1/0 ACSR 6/1	822	729	569	165	0	0	0	0.00	6.15	0
09-77-P006-A	9770114	9.56	0 3-	Open	822	729	569	165	0	0	0	0.00	6.15	0
	9770057	8.94	3 1-	2 ACSR 6/1	0	0	615	168	13	1	1	0.00	6.41	0
	9870132	8.27	2 1-	2 ACSR 6/1	0	0	675	171	11	1	1	0.00	7.44	0
	9870133	8.33	1 1-	2 ACSR 6/1	0	0	668	171	7	0	1	0.00	7.44	0
	9870138	8.28	2 1-	2 ACSR 6/1	0	0	674	171	5	0	0	0.00	6.23	0
	9870134	8.35	2 1-	2 ACSR 6/1	0	0	665	171	5	0	0	0.00	6.23	0
	9870169	8.09	1 1-	2 ACSR 6/1	0	0	693	172	9	1	1	0.00	6.19	0
	9870093	8.01	2 1-	2 ACSR 6/1	0	0	701	173	10	1	1	0.00	7.25	0
	9870170	8.05	43 3-	1/0 ACSR 6/1	1014	906	698	173	198	8	4	0.03	5.81	3
	9870103	8.24	34 3-	1/0 ACSR 6/1	986	879	679	172	160	7	3	0.03	5.83	3
	9880009	8.30	31 3-	1/0 ACSR 6/1	977	871	673	171	155	6	3	0.01	5.84	0
	9880012	8.40	30 3-	1/0 ACSR 6/1	963	858	664	171	147	6	3	0.02	5.85	1
	9880013	8.49	29 3-	1/0 ACSR 6/1	950	846	655	170	144	6	3	0.02	5.86	1
	9880019	8.64	27 3-	1/0 ACSR 6/1	930	828	642	170	142	6	3	0.02	5.87	2
09-88-P001-B	9880019	8.64	27 3-	Closed	930	828	642	170	142	6	0	0.00	5.87	0
09-88-P001-A	09-88-P001-B	8.64	27 3-	Closed	930	828	642	170	142	6	0	0.00	5.87	0
	9880020	8.68	27 3-	1/0 ACSR 6/1	925	823	638	169	142	6	3	0.01	5.88	0
	9980025	8.74	26 3-	1/0 ACSR 6/1	917	815	633	169	135	5	3	0.01	5.88	0
	9980008	9.15	24 3-	1/0 ACSR 6/1	867	770	599	167	121	5	2	0.06	5.92	4
09-98-P020-B	9980008	9.15	24 3-	Closed	867	770	599	167	121	5	0	0.00	5.92	0
09-98-P020-A	09-98-P020-B	9.15	24 3-	Closed	867	770	599	167	121	5	0	0.00	5.92	0
	9980009	9.87	24 3-	1/0 ACSR 6/1	791	700	548	164	121	5	2	0.11	5.98	8
	15080004	9.89	23 3-	1/0 ACSR 6/1	789	698	547	164	111	4	2	0.00	5.98	0
	15180013	9.94	23 3-	1/0 ACSR 6/1	784	694	544	163	111	4	2	0.01	5.98	0
	15180014	9.97	22 3-	1/0 ACSR 6/1	781	691	542	163	109	4	2	0.01	5.99	0
	15180015	10.03	18 3-	1/0 ACSR 6/1	776	687	538	163	87	3	2	0.01	5.99	0
	15180017	10.12	17 3-	1/0 ACSR 6/1	768	679	532	163	84	3	2	0.02	6.00	0
	15180025	10.23	10 3-	1/0 ACSR 6/1	758	670	526	162	47	2	1	0.01	6.00	0
	15180026	10.34	8 3-	1/0 ACSR 6/1	748	661	519	161	47	2	1	0.01	6.00	0
	15190029	10.44	5 3-	1/0 ACSR 6/1	739	653	513	161	30	1	1	0.01	6.00	0
	15190030	10.55	5 3-	1/0 ACSR 6/1	731	645	507	161	30	1	1	0.01	6.01	0
	15190077	10.59	3 1-	2 ACSR 6/1	0	0	505	160	23	3	2	0.00	6.56	0
	15190078	10.62	2 1-	2 ACSR 6/1	0	0	503	160	15	1	1	0.00	6.56	0
	15190065	10.77	1 1-	2 ACSR 6/1	0	0	493	159	11	1	1	0.00	6.57	0
	15190079	10.89	0 1-	2 ACSR 6/1	0	0	485	158	0	0	0	0.00	6.57	0
	15190066	10.65	2 3-	1/0 ACSR 6/1	722	637	502	160	8	0	0	0.00	6.01	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15190067	15190066	10.72	1 3-	1/0 ACSR 6/1	716	632	498	160	2	0	0	0.00	6.01	0
15190068	15190067	10.73	0 3-	1/0 ACSR 6/1	716	632	497	160	0	0	0	0.00	6.01	0
15-19-P076-B	15190068	10.73	0 3-	Open	716	632	497	160	0	0	0	0.00	6.01	0
15190064	15190029	10.50	0 1-	2 ACSR 6/1	0	0	509	161	0	0	0	0.00	6.55	0
15190062	15180026	10.40	3 1-	2 ACSR 6/1	0	0	515	161	16	2	1	0.00	6.55	0
15180018	15180017	10.20	5 1-	2 ACSR 6/1	0	0	527	162	22	2	2	0.00	6.53	0
15180019	15180018	10.25	3 1-	2 ACSR 6/1	0	0	523	162	7	0	1	0.00	6.53	0
15180029	15180019	10.28	1 1-	2 ACSR 6/1	0	0	521	161	1	0	0	0.00	6.53	0
15180016	15180015	10.06	1 1-	2 ACSR 6/1	0	0	535	163	3	0	0	0.00	6.51	0
15180020	15180014	10.17	4 1-	2 ACSR 6/1	0	0	527	162	22	2	2	0.01	7.44	0
15180021	15180020	10.22	3 1-	2 ACSR 6/1	0	0	523	162	15	2	1	0.00	7.44	0
15180023	15180021	10.33	2 1-	2 ACSR 6/1	0	0	516	161	11	1	1	0.00	7.44	0
15180024	15180023	10.40	1 1-	2 ACSR 6/1	0	0	511	160	2	0	0	0.00	7.44	0
15180022	15180021	10.30	1 1-	2 ACSR 6/1	0	0	518	161	4	0	0	0.00	7.44	0
15080003	9980009	10.01	1 1-	2 ACSR 6/1	0	0	538	163	10	1	1	0.00	7.42	0
9880010	9880009	8.33	1 1-	2 ACSR 6/1	0	0	670	171	8	1	1	0.00	7.28	0
9880011	9880010	8.36	1 1-	2 ACSR 6/1	0	0	666	171	8	1	1	0.00	7.28	0
9880014	9880011	8.40	0 1-	2 ACSR 6/1	0	0	662	171	0	0	0	0.00	7.28	0
9870090	9870170	8.08	7 1-	2 ACSR 6/1	0	0	695	172	25	3	2	0.00	6.19	0
9870091	9870090	8.13	5 1-	2 ACSR 6/1	0	0	689	172	12	1	1	0.00	6.20	0
9870092	9870091	8.14	3 1-	2 ACSR 6/1	0	0	687	172	2	0	0	0.00	6.20	0
9870154	9870153	7.65	38 3-	1/0 ACSR 6/1	1081	967	743	175	154	6	3	-0.01	5.57	3
9870156	9870154	7.68	33 1-	2 ACSR 6/1	0	0	738	174	135	18	10	0.02	7.01	2
9870162	9870156	7.73	31 1-	2 ACSR 6/1	0	0	732	174	129	17	10	0.03	7.04	3
D09-87-P056	9870162	7.73	27 1-	REC-35-H	0	0	732	174	108	14	41	0.00	7.04	0
9870160	D09-87-P056	7.81	27 1-	2 ACSR 6/1	0	0	722	174	108	14	8	0.03	7.07	3
9870165	9870160	7.91	25 1-	2 ACSR 6/1	0	0	708	173	91	12	7	0.04	7.11	3
9870168	9870165	7.99	1 1-	2 ACSR 6/1	0	0	699	172	3	0	0	0.00	7.11	0
9870167	9870165	7.97	2 1-	2 ACSR 6/1	0	0	701	172	19	2	1	0.00	7.11	0
9870166	9870165	8.01	21 1-	2 ACSR 6/1	0	0	696	172	69	9	5	0.03	7.13	1
9870096	9870166	8.11	3 1-	2 ACSR 6/1	0	0	683	171	14	1	1	0.00	7.14	0
9870097	9870096	8.15	1 1-	2 ACSR 6/1	0	0	678	171	7	0	0	0.00	7.14	0
9870117	9870166	8.12	18 1-	2 ACSR 6/1	0	0	683	171	55	7	4	0.02	7.16	0
9870100	9870117	8.28	16 1-	2 ACSR 6/1	0	0	664	170	51	6	4	0.03	7.19	1
9870084	9870100	8.65	10 1-	2 ACSR 6/1	0	0	624	168	30	4	2	0.04	7.23	1
9970104	9870084	8.73	10 1-	2 ACSR 6/1	0	0	617	167	30	4	2	0.01	7.24	0
9970108	9970104	8.82	3 1-	2 ACSR 6/1	0	0	608	166	16	2	1	0.01	7.25	0
9970109	9970108	8.87	2 1-	2 ACSR 6/1	0	0	603	166	10	1	1	0.00	7.25	0
9970111	9970108	8.89	1 1-	2 ACSR 6/1	0	0	601	166	6	0	0	0.00	7.25	0
9970112	9970111	8.98	0 1-	2 ACSR 6/1	0	0	592	165	0	0	0	0.00	7.25	0
9970113	9970104	8.80	6 1-	2 ACSR 6/1	0	0	610	167	13	1	1	0.00	7.24	0
9970092	9970113	8.84	5 1-	2 ACSR 6/1	0	0	606	166	11	1	1	0.00	7.24	0
9970093	9970092	8.97	4 1-	2 ACSR 6/1	0	0	593	165	8	1	1	0.00	7.25	0
9970094	9970093	9.00	3 1-	2 ACSR 6/1	0	0	590	165	6	0	0	0.00	7.25	0
9970097	9970094	9.12	1 1-	2 ACSR 6/1	0	0	580	164	2	0	0	0.00	7.25	0
9970098	9970097	9.21	1 1-	2 ACSR 6/1	0	0	572	164	2	0	0	0.00	7.25	0
9970096	9970094	9.07	1 1-	2 ACSR 6/1	0	0	585	165	2	0	0	0.00	7.25	0
9970095	9970094	9.06	1 1-	2 ACSR 6/1	0	0	585	165	3	0	0	0.00	7.25	0
9870101	9870100	8.31	5 1-	2 ACSR 6/1	0	0	661	170	19	2	1	0.00	7.19	0
9870102	9870101	8.36	4 1-	2 ACSR 6/1	0	0	655	170	12	1	1	0.00	7.19	0
9860068	9870102	8.47	1 1-	2 ACSR 6/1	0	0	643	169	2	0	0	0.00	7.19	0
9860061	9870102	8.39	2 1-	2 ACSR 6/1	0	0	652	169	3	0	0	0.00	7.19	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9860062	9860061	8.49	1 1-	2 ACSR 6/1	0	0	641	169	3	0	0	0.00	7.19	0
9870098	9870117	8.20	2 1-	2 ACSR 6/1	0	0	673	171	3	0	0	0.00	7.16	0
9870099	9870098	8.31	1 1-	2 ACSR 6/1	0	0	661	170	2	0	0	0.00	7.16	0
9870126	9870160	7.87	2 1-	2 ACSR 6/1	0	0	713	173	17	2	1	0.00	7.07	0
9870164	9870126	7.93	1 1-	2 ACSR 6/1	0	0	706	173	9	1	1	0.00	7.07	0
9870163	9870162	7.76	3 1-	2 ACSR 6/1	0	0	727	174	19	2	1	0.00	7.04	0
9870159	9870163	7.91	2 1-	2 ACSR 6/1	0	0	708	173	15	1	1	0.00	7.05	0
9870161	9870156	7.74	1 1-	2 ACSR 6/1	0	0	730	174	2	0	0	0.00	7.01	0
9870155	9870154	7.70	2 1-	2 ACSR 6/1	0	0	736	174	15	1	1	0.00	5.96	0
9970066	9970067	7.10	27 1-	2 ACSR 6/1	0	0	812	177	128	16	9	0.02	3.45	2
9970059	9970066	7.13	26 1-	2 ACSR 6/1	0	0	808	177	126	16	9	0.01	3.46	1
9970060	9970059	7.15	26 1-	2 ACSR 6/1	0	0	804	177	126	16	9	0.01	3.47	1
9970061	9970060	7.27	24 1-	2 ACSR 6/1	0	0	785	176	120	15	9	0.05	3.53	5
9970062	9970061	7.34	22 1-	2 ACSR 6/1	0	0	775	176	108	14	8	0.02	3.55	2
9970063	9970062	7.36	20 1-	2 ACSR 6/1	0	0	772	176	93	12	7	0.01	3.56	0
9970086	9970063	7.40	19 1-	2 ACSR 6/1	0	0	766	175	91	11	7	0.01	3.57	0
9970088	9970086	7.44	17 1-	2 ACSR 6/1	0	0	760	175	77	10	6	0.01	3.58	0
9970090	9970088	7.50	15 1-	2 ACSR 6/1	0	0	751	174	63	8	5	0.01	3.60	0
9970091	9970090	7.55	4 1-	2 ACSR 6/1	0	0	744	174	14	1	1	0.00	3.60	0
9970089	9970090	7.54	9 1-	2 ACSR 6/1	0	0	745	174	40	5	3	0.01	3.60	0
9970099	9970089	7.57	8 1-	2 ACSR 6/1	0	0	741	174	39	5	3	0.00	3.61	0
9970100	9970099	7.61	3 1-	2 ACSR 6/1	0	0	736	174	18	2	1	0.00	3.61	0
9970101	9970100	7.64	3 1-	2 ACSR 6/1	0	0	732	173	18	2	1	0.00	3.61	0
9970114	9970086	7.50	2 1-	2 ACSR 6/1	0	0	751	174	14	1	1	0.00	3.58	0
9980018	9970114	7.54	1 1-	2 ACSR 6/1	0	0	746	174	11	1	1	0.00	3.58	0
9980026	9980018	7.58	1 1-	2 ACSR 6/1	0	0	741	174	11	1	1	0.00	3.58	0
9970087	9970061	7.34	2 1-	2 ACSR 6/1	0	0	775	176	12	1	1	0.00	3.53	0
9970110	9970087	7.48	1 1-	2 ACSR 6/1	0	0	754	175	6	0	0	0.00	3.53	0
15070027	15070030	6.88	13 1-	2 ACSR 6/1	0	0	842	179	76	10	6	0.02	5.45	1
15070045	15070027	6.91	4 1-	2 ACSR 6/1	0	0	837	178	27	3	2	0.00	5.45	0
15070046	15070045	6.95	3 1-	2 ACSR 6/1	0	0	831	178	17	2	1	0.00	5.46	0
15070026	15070046	6.99	1 1-	2 ACSR 6/1	0	0	824	178	9	1	1	0.00	5.46	0
15070029	15070046	7.01	2 1-	2 ACSR 6/1	0	0	820	178	8	1	1	0.00	5.46	0
15070028	15070027	7.06	7 1-	2 ACSR 6/1	0	0	812	177	41	5	3	0.03	5.48	0
9980019	15070028	7.12	7 1-	2 ACSR 6/1	0	0	802	177	41	5	3	0.01	5.49	0
9980021	9980019	7.18	5 1-	2 ACSR 6/1	0	0	794	176	24	3	2	0.00	5.49	0
9980023	9980021	7.24	2 1-	2 ACSR 6/1	0	0	784	176	11	1	1	0.00	5.49	0
9980022	9980021	7.24	2 1-	2 ACSR 6/1	0	0	783	176	7	0	1	0.00	5.49	0
9980020	9980022	7.34	2 1-	2 ACSR 6/1	0	0	768	175	7	0	1	0.00	5.50	0
9980017	9980019	7.17	1 1-	2 ACSR 6/1	0	0	794	176	10	1	1	0.00	5.49	0
9980007	15070028	7.12	0 1-	2 ACSR 6/1	0	0	802	177	0	0	0	0.00	5.48	0
15270036	15270050	5.36	4 1-	2 ACSR 6/1	0	0	1032	182	30	3	2	0.02	2.37	0
15280015	15270036	5.44	3 1-	2 ACSR 6/1	0	0	1011	181	22	2	2	0.01	2.37	0
15280016	15280015	5.55	3 1-	2 ACSR 6/1	0	0	985	181	22	2	2	0.01	2.38	0
15280017	15280016	5.77	2 1-	2 ACSR 6/1	0	0	934	179	9	1	1	0.01	2.38	0
15280018	15280017	5.91	1 1-	2 ACSR 6/1	0	0	904	178	7	0	1	0.00	2.39	0
15280025	15280018	5.95	1 1-	2 ACSR 6/1	0	0	895	178	7	0	1	0.00	2.39	0
15280026	15280025	5.99	1 1-	2 ACSR 6/1	0	0	888	177	7	0	1	0.00	2.39	0
15280019	15280026	6.16	1 1-	2 ACSR 6/1	0	0	855	176	7	0	1	0.00	2.39	0
15280011	15280026	6.07	0 1-	2 ACSR 6/1	0	0	872	177	0	0	0	0.00	2.39	0
20851539	15270049	5.04	5 1-	2 ACSR 6/1	0	0	1103	184	22	2	2	0.00	4.55	0
15270048	15270047	5.00	1 1-	2 ACSR 6/1	0	0	1090	183	1	0	0	0.00	2.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15270029	15270028	4.76	1 1-	2 ACSR 6/1	0	0	1153	184	5	0	0	0.00	4.91	0
15270032	15270046	4.59	1 1-	2 ACSR 6/1	0	0	1187	185	7	0	0	0.00	4.82	0
20850585	15370033	4.20	1 1-	2 ACSR 6/1	0	0	1272	185	6	0	0	0.00	4.02	0
15270024	15370033	4.12	8 1-	2 ACSR 6/1	0	0	1303	186	30	3	2	0.01	4.03	0
D15-27-P038	15270024	4.12	8 1-	REC-70-L	0	0	1303	186	30	3	6	0.00	4.03	0
15270019	D15-27-P038	4.43	8 1-	2 ACSR 6/1	0	0	1187	184	30	3	2	0.04	4.06	0
15270025	15270019	4.50	1 1-	2 ACSR 6/1	0	0	1162	183	5	0	0	0.00	4.06	0
15270020	15270019	4.46	7 1-	2 ACSR 6/1	0	0	1176	183	25	3	2	0.00	4.07	0
15270027	15270020	4.54	1 1-	2 ACSR 6/1	0	0	1150	183	3	0	0	0.00	4.07	0
15270026	15270020	4.59	1 1-	2 ACSR 6/1	0	0	1131	182	3	0	0	0.00	4.07	0
15270021	15270020	4.62	5 1-	2 ACSR 6/1	0	0	1124	182	19	2	1	0.01	4.08	0
15270030	15270021	4.67	1 1-	2 ACSR 6/1	0	0	1109	182	2	0	0	0.00	4.08	0
15270022	15270021	5.10	4 1-	2 ACSR 6/1	0	0	987	178	17	2	1	0.03	4.11	0
15260009	15270022	5.19	1 1-	2 ACSR 6/1	0	0	967	178	8	0	1	0.00	4.11	0
15260006	15270022	5.39	3 1-	2 ACSR 6/1	0	0	919	176	9	1	1	0.01	4.12	0
15260008	15260006	5.55	3 1-	2 ACSR 6/1	0	0	885	175	9	1	1	0.01	4.12	0
15260010	15260008	5.63	2 1-	2 ACSR 6/1	0	0	869	175	3	0	0	0.00	4.12	0
15260011	15260008	5.72	1 1-	2 ACSR 6/1	0	0	851	174	6	0	0	0.00	4.12	0
15160025	15260011	5.86	0 1-	2 ACSR 6/1	0	0	826	173	0	0	0	0.00	4.12	0
15-16-P033-B	15160025	5.86	0 1-	Open	0	0	826	173	0	0	0	0.00	4.12	0
15260007	15260006	5.46	0 1-	2 ACSR 6/1	0	0	905	176	0	0	0	0.00	4.12	0
20850358	20850357	3.69	4 1-	2 ACSR 6/1	0	0	1394	186	17	2	1	0.01	1.47	0
20850382	20850358	3.75	2 1-	2 ACSR 6/1	0	0	1366	186	12	1	1	0.00	1.47	0
20850381	20850358	3.76	1 1-	2 ACSR 6/1	0	0	1360	186	4	0	0	0.00	1.47	0
15360038	15360037	2.21	137 3-	1/0 CU	2638	2453	2035	191	548	23	8	0.02	1.92	18
15360039	15360038	2.25	2 1-	2 ACSR 6/1	0	0	2002	190	11	1	1	0.00	2.19	0
15360052	15360039	2.30	1 1-	2 ACSR 6/1	0	0	1952	190	4	0	0	0.00	2.19	0
15360024	15360038	2.25	135 3-	1/0 CU	2608	2423	2006	191	537	23	8	0.01	1.93	6
D15-36-P014	15360024	2.25	135 3-	REC-100-L	2608	2423	2006	191	537	23	23	0.00	1.93	0
15360025	D15-36-P014	2.31	135 3-	1/0 CU	2566	2382	1968	190	537	23	8	0.01	1.94	8
15460020	15360025	2.39	3 1-	2 ACSR 6/1	0	0	1897	190	19	2	1	0.00	2.20	0
15460021	15460020	2.48	2 1-	2 ACSR 6/1	0	0	1820	189	13	1	1	0.00	2.21	0
15460019	15360025	2.35	131 3-	1/0 CU	2531	2348	1935	190	510	21	7	0.00	1.95	7
15460025	15460019	2.50	127 3-	1/0 CU	2429	2248	1843	190	497	21	7	0.01	1.98	19
15460028	15460025	2.63	125 3-	1/0 CU	2346	2166	1768	189	484	20	7	0.01	2.01	16
15460030	15460028	2.82	122 3-	1/0 CU	2228	2052	1665	188	466	20	7	0.02	2.05	23
15460031	15460030	2.98	121 3-	1/0 CU	2144	1970	1592	188	465	20	7	0.01	2.08	18
15460037	15460031	3.01	31 1-	2 ACSR 6/1	0	0	1576	187	129	16	9	0.01	2.28	1
D15-46-P011	15460037	3.01	29 1-	REC-50-H	0	0	1576	187	124	15	32	0.00	2.28	0
15460032	D15-46-P011	3.20	29 1-	2 ACSR 6/1	0	0	1468	186	124	15	9	0.09	2.36	9
15460022	15460032	3.38	29 1-	2 ACSR 6/1	0	0	1377	185	124	15	9	0.08	2.45	8
15560027	15460022	3.62	28 1-	2 ACSR 6/1	0	0	1270	183	121	15	9	0.11	2.55	10
15560035	15560027	3.67	1 1-	2 ACSR 6/1	0	0	1247	182	4	0	0	0.00	2.55	0
15560033	15560027	3.69	26 1-	2 ACSR 6/1	0	0	1241	182	114	14	8	0.03	2.58	3
15560034	15560033	3.81	25 1-	2 ACSR 6/1	0	0	1194	181	111	14	8	0.05	2.63	4
15560028	15560034	4.31	23 1-	2 ACSR 6/1	0	0	1031	177	107	13	8	0.20	2.83	17
15550015	15560028	4.36	1 1-	2 ACSR 6/1	0	0	1018	177	9	1	1	0.00	2.83	0
15550020	15560028	4.45	1 1-	2 ACSR 6/1	0	0	994	176	2	0	0	0.00	2.83	0
15550006	15560028	4.60	21 1-	2 ACSR 6/1	0	0	956	175	95	12	7	0.10	2.93	8
15550010	15550006	4.89	19 1-	2 ACSR 6/1	0	0	890	173	89	11	6	0.09	3.03	7
15550014	15550010	4.95	0 1-	2 ACSR 6/1	0	0	877	173	0	0	0	0.00	3.03	0
15550013	15550010	4.93	17 1-	2 ACSR 6/1	0	0	881	173	77	9	6	0.01	3.04	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15550018	15550013	5.02	16 1-	2 ACSR 6/1	0	0	863	172	69	8	5	0.02	3.06	1
15550019	15550018	5.05	15 1-	2 ACSR 6/1	0	0	856	172	62	7	4	0.01	3.07	0
15550012	15550019	5.12	14 1-	2 ACSR 6/1	0	0	843	172	54	6	4	0.01	3.08	0
15540088	15550012	5.19	12 1-	2 ACSR 6/1	0	0	830	171	47	6	3	0.01	3.09	0
15540089	15540088	5.29	10 1-	2 ACSR 6/1	0	0	811	171	40	5	3	0.01	3.11	0
15540087	15540089	5.43	9 1-	2 ACSR 6/1	0	0	788	170	34	4	2	0.02	3.12	0
15540082	15540087	5.49	1 1-	2 ACSR 6/1	0	0	777	169	2	0	0	0.00	3.12	0
15540081	15540087	5.49	8 1-	2 ACSR 6/1	0	0	776	169	32	4	2	0.01	3.13	0
15540086	15540081	5.58	7 1-	2 ACSR 6/1	0	0	762	169	26	3	2	0.01	3.14	0
15440007	15540086	5.69	4 1-	2 ACSR 6/1	0	0	746	168	23	2	2	0.01	3.15	0
D15-44-P046	15440007	5.69	3 1-	FUS	0	0	746	168	15	1	44	0.00	3.15	0
15440005	D15-44-P046	6.00	3 1-	2 ACSR 6/1	0	0	701	166	15	1	1	0.01	3.16	0
15440006	15440005	6.05	1 1-	2 ACSR 6/1	0	0	694	165	7	0	0	0.00	3.16	0
15540083	15550012	5.20	2 1-	2 ACSR 6/1	0	0	828	171	6	0	0	0.00	3.08	0
15540084	15540083	5.26	0 1-	2 ACSR 6/1	0	0	817	171	0	0	0	0.00	3.08	0
15540054	15540083	5.24	1 1-	2 ACSR 6/1	0	0	820	171	5	0	0	0.00	3.08	0
15540066	15540054	5.28	0 1-	2 ACSR 6/1	0	0	813	171	0	0	0	0.00	3.08	0
15540085	15540054	5.31	1 1-	2 ACSR 6/1	0	0	808	170	5	0	0	0.00	3.08	0
15550011	15550010	5.02	1 1-	2 ACSR 6/1	0	0	863	172	10	1	1	0.00	3.03	0
15550007	15550006	4.62	2 1-	2 ACSR 6/1	0	0	951	175	6	0	0	0.00	2.93	0
15550009	15550007	4.67	2 1-	15 KV 2 URD XLP	0	0	939	382	6	0	0	0.00	2.93	0
15460041	15460037	3.04	2 1-	2 ACSR 6/1	0	0	1557	187	5	0	0	0.00	2.28	0
15460038	15460041	3.09	1 1-	2 ACSR 6/1	0	0	1529	187	2	0	0	0.00	2.28	0
15460018	15460031	3.15	89 3-	1/0 CU	2055	1884	1516	187	330	14	5	-0.02	2.11	15
15460035	15460018	3.37	89 3-	1/0 CU	1954	1788	1432	186	329	14	5	-0.03	2.14	18
15460039	15460035	3.59	0 1-	2 ACSR 6/1	0	0	1326	184	0	0	0	0.00	2.21	0
15460036	15460035	3.54	89 3-	1/0 CU	1881	1718	1371	185	329	14	5	-0.02	2.16	14
15560029	15460036	3.64	0 1-	2 ACSR 6/1	0	0	1328	185	0	0	0	0.00	3.42	0
15560017	15460036	3.62	89 3-	1/0 CU	1847	1686	1344	185	329	14	5	-0.01	2.17	7
15560036	15560017	3.70	83 3-	1/0 CU	1817	1657	1319	185	304	13	4	-0.01	2.18	6
D15-56-P015	15560036	3.70	1 1-	FUS-30	0	0	1319	185	5	0	2	0.00	2.16	0
15560041	D15-56-P015	4.04	1 1-	2 ACSR 6/1	0	0	1187	182	5	0	0	0.00	2.16	0
15560037	15560036	3.76	81 3-	1/0 CU	1796	1637	1301	185	298	12	4	-0.01	2.19	5
15560042	15560037	3.86	80 3-	1/0 CU	1758	1601	1271	184	296	12	4	-0.02	2.20	8
15570068	15560042	3.99	79 3-	1/0 CU	1710	1556	1233	184	286	12	4	-0.03	2.22	11
15570051	15570068	4.13	78 3-	1/0 CU	1664	1512	1196	183	282	12	4	-0.03	2.24	11
15570052	15570051	4.15	71 1-	2 ACSR 6/1	0	0	1187	183	231	30	17	0.02	3.71	4
D15-57-P043	15570052	4.15	69 1-	REC-70-4H	0	0	1187	183	225	29	42	0.00	3.71	0
15570054	D15-57-P043	4.24	69 1-	2 ACSR 6/1	0	0	1158	182	225	29	16	0.07	3.78	12
15570055	15570054	4.44	68 1-	2 ACSR 6/1	0	0	1094	181	218	28	16	0.16	3.95	29
15560018	15570055	4.54	68 1-	2 ACSR 6/1	0	0	1065	180	218	28	16	0.08	4.03	14
15560024	15560018	4.79	64 1-	2 ACSR 6/1	0	0	996	178	202	26	15	0.19	4.22	31
15560025	15560024	4.94	62 1-	2 ACSR 6/1	0	0	958	177	199	26	14	0.11	4.33	18
15560026	15560025	4.99	1 1-	2 ACSR 6/1	0	0	946	177	5	0	0	0.00	4.33	0
15560022	15560025	5.01	61 1-	2 ACSR 6/1	0	0	942	177	194	25	14	0.05	4.38	8
15560021	15560022	5.38	61 1-	2 ACSR 6/1	0	0	862	174	194	25	14	0.27	4.66	42
20851319	15560021	5.46	2 1-	2 ACSR 6/1	0	0	847	173	7	0	0	0.00	4.66	0
15660017	15560021	5.44	59 1-	2 ACSR 6/1	0	0	851	173	187	24	14	0.04	4.70	6
20851329	15660017	5.53	58 1-	2 ACSR 6/1	0	0	833	173	186	24	14	0.06	4.76	9
20851517	20851329	5.68	56 1-	2 ACSR 6/1	0	0	807	172	169	22	12	0.09	4.86	13
20851523	20851517	5.74	8 1-	2 ACSR 6/1	0	0	796	171	21	2	2	0.00	4.86	0
20851421	20851523	5.80	1 1-	2 ACSR 6/1	0	0	787	171	5	0	0	0.00	4.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851422	20851421	5.86	0 1-	2 ACSR 6/1	0	0	777	171	0	0	0	0.00	4.86	0
20851420	20851523	5.94	5 1-	2 ACSR 6/1	0	0	764	170	14	1	1	0.01	4.87	0
20851352	20851420	6.04	3 1-	2 ACSR 6/1	0	0	749	169	10	1	1	0.00	4.87	0
20851423	20851352	6.11	2 1-	2 ACSR 6/1	0	0	738	169	8	1	1	0.00	4.88	0
D15-66-P016	20851423	6.11	1 1-	FUS-20	0	0	738	169	3	0	2	0.00	4.88	0
15660014	D15-66-P016	6.25	1 1-	2 ACSR 6/1	0	0	718	168	3	0	0	0.00	4.88	0
20851547	15660014	6.44	1 1-	2 ACSR 6/1	0	0	692	167	3	0	0	0.00	4.88	0
20851548	20851547	6.49	0 1-	2 ACSR 6/1	0	0	687	166	0	0	0	0.00	4.88	0
20851353	15660014	6.45	0 1-	2 ACSR 6/1	0	0	692	167	0	0	0	0.00	4.88	0
20851351	20851420	6.00	2 1-	2 ACSR 6/1	0	0	755	170	4	0	0	0.00	4.87	0
15660015	20851517	5.83	48 1-	2 ACSR 6/1	0	0	781	171	148	19	11	0.09	4.94	10
20851419	15660015	5.90	1 1-	2 ACSR 6/1	0	0	771	170	1	0	0	0.00	4.94	0
15660019	15660015	5.90	1 1-	2 ACSR 6/1	0	0	770	170	4	0	0	0.00	4.94	0
15660016	15660015	5.94	46 1-	2 ACSR 6/1	0	0	764	170	142	18	10	0.06	5.00	6
15660018	15660016	6.12	45 1-	2 ACSR 6/1	0	0	736	169	139	18	10	0.10	5.10	11
20851418	15660018	6.23	2 1-	2 ACSR 6/1	0	0	721	168	6	0	0	0.00	5.10	0
15660020	20851418	6.27	1 1-	2 ACSR 6/1	0	0	716	168	2	0	0	0.00	5.10	0
20851331	15660018	6.22	43 1-	2 ACSR 6/1	0	0	722	168	133	17	10	0.05	5.15	5
20851332	20851331	6.29	42 1-	2 ACSR 6/1	0	0	713	168	131	17	10	0.03	5.18	4
20851196	20851332	6.33	1 1-	2 ACSR 6/1	0	0	707	167	2	0	0	0.00	5.18	0
20851195	20851332	6.61	40 1-	2 ACSR 6/1	0	0	671	165	129	17	9	0.16	5.34	16
20851142	20851195	6.71	2 1-	2 ACSR 6/1	0	0	660	165	12	1	1	0.00	5.34	0
15650003	20851195	6.88	38 1-	2 ACSR 6/1	0	0	639	164	116	15	9	0.12	5.46	11
15750007	15650003	6.96	2 1-	2 ACSR 6/1	0	0	631	163	9	1	1	0.00	5.46	0
15750002	15650003	7.13	36 1-	2 ACSR 6/1	0	0	612	162	107	14	8	0.10	5.56	9
15750006	15750002	7.16	1 1-	2 ACSR 6/1	0	0	609	162	4	0	0	0.00	5.56	0
15750004	15750002	7.20	35 1-	2 ACSR 6/1	0	0	605	162	104	13	8	0.03	5.59	2
15750005	15750004	7.63	34 1-	2 ACSR 6/1	0	0	565	159	103	13	8	0.17	5.76	14
15750008	15750005	7.67	32 1-	2 ACSR 6/1	0	0	562	159	100	13	7	0.01	5.77	1
15750009	15750008	7.71	2 1-	2 ACSR 6/1	0	0	558	158	8	1	1	0.00	5.77	0
15750003	15750008	7.88	30 1-	2 ACSR 6/1	0	0	544	157	93	12	7	0.07	5.84	5
15740003	15750003	7.91	29 1-	2 ACSR 6/1	0	0	541	157	84	11	6	0.01	5.85	0
15740005	15740003	8.22	27 1-	2 ACSR 6/1	0	0	518	155	82	10	6	0.09	5.95	6
15740006	15740005	8.29	26 1-	2 ACSR 6/1	0	0	513	155	80	10	6	0.02	5.97	1
15740004	15740006	8.35	1 1-	2 ACSR 6/1	0	0	509	155	1	0	0	0.00	5.97	0
15740015	15740006	8.37	25 1-	2 ACSR 6/1	0	0	507	155	79	10	6	0.02	5.99	2
15740016	15740015	8.43	24 1-	2 ACSR 6/1	0	0	503	154	75	9	6	0.01	6.01	0
15740014	15740016	8.50	22 1-	2 ACSR 6/1	0	0	498	154	68	8	5	0.02	6.03	0
D15-74-P013	15740014	8.50	1 1-	FUS-25	0	0	498	154	6	0	4	0.00	6.03	0
15740024	D15-74-P013	8.61	1 1-	2 ACSR 6/1	0	0	491	153	6	0	0	0.00	6.03	0
15740019	15740014	8.56	3 1-	2 ACSR 6/1	0	0	494	153	9	1	1	0.00	6.03	0
15740007	15740019	8.63	1 1-	2 ACSR 6/1	0	0	489	153	4	0	0	0.00	6.03	0
15740013	15740014	8.63	16 1-	2 ACSR 6/1	0	0	489	153	47	6	3	0.02	6.05	0
15740022	15740013	8.73	5 1-	2 ACSR 6/1	0	0	483	152	17	2	1	0.01	6.05	0
15740018	15740022	8.90	1 1-	2 ACSR 6/1	0	0	472	151	5	0	0	0.00	6.06	0
15740017	15740022	8.81	1 1-	2 ACSR 6/1	0	0	477	152	4	0	0	0.00	6.05	0
15740008	15740013	8.72	9 1-	2 ACSR 6/1	0	0	483	153	24	3	2	0.01	6.06	0
15740020	15740008	8.76	2 1-	2 ACSR 6/1	0	0	480	152	6	0	0	0.00	6.06	0
15740021	15740020	8.79	1 1-	2 ACSR 6/1	0	0	479	152	6	0	0	0.00	6.06	0
15740011	15740008	8.88	6 1-	2 ACSR 6/1	0	0	473	152	17	2	1	0.01	6.07	0
15740012	15740011	8.94	1 1-	2 ACSR 6/1	0	0	469	151	9	1	1	0.00	6.07	0
15740009	15740012	9.02	0 1-	2 ACSR 6/1	0	0	465	151	0	0	0	0.00	6.07	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15740010	15740011	8.99	3 1-	2 ACSR 6/1	0	0	466	151	3	0	0	0.00	6.07	0
15740002	15740010	9.03	1 1-	2 ACSR 6/1	0	0	464	151	1	0	0	0.00	6.07	0
15750010	15750005	7.71	1 1-	2 ACSR 6/1	0	0	558	158	0	0	0	0.00	5.76	0
20851194	20851332	6.35	1 1-	2 ACSR 6/1	0	0	704	167	1	0	0	0.00	5.18	0
20851330	15660016	5.97	1 1-	2 ACSR 6/1	0	0	759	170	3	0	0	0.00	5.00	0
20851328	15660017	5.48	1 1-	2 ACSR 6/1	0	0	843	173	1	0	0	0.00	4.70	0
15560019	15560018	4.56	3 1-	2 ACSR 6/1	0	0	1059	180	6	0	0	0.00	4.03	0
15560020	15560019	4.63	3 1-	2 ACSR 6/1	0	0	1037	179	6	0	0	0.00	4.03	0
15560023	15560020	4.71	2 1-	2 ACSR 6/1	0	0	1016	179	4	0	0	0.00	4.03	0
15570053	15570052	4.20	1 1-	2 ACSR 6/1	0	0	1171	183	2	0	0	0.00	3.71	0
15570041	15570051	4.20	7 3-	1/0 CU	1641	1491	1178	183	51	2	1	0.00	2.24	0
15570042	15570041	4.22	7 3-	1/0 CU	1636	1486	1174	183	51	2	1	0.00	2.24	0
15570056	15570042	4.27	2 1-	2 ACSR 6/1	0	0	1156	182	16	2	1	0.00	3.70	0
15570043	15570042	4.51	5 3-	1/0 CU	1549	1404	1105	182	35	1	0	0.01	2.25	0
15570069	15570043	4.56	2 1-	2 ACSR 6/1	0	0	1090	181	20	2	1	0.00	2.09	0
15570067	15570043	4.57	1 1-	2 ACSR 6/1	0	0	1086	181	8	1	1	0.00	0.95	0
15570066	15570067	4.62	1 1-	2 ACSR 6/1	0	0	1071	181	8	1	1	0.00	0.96	0
15570044	15570043	4.59	2 3-	1/0 CU	1525	1381	1086	181	7	0	0	0.00	2.25	0
15570045	15570044	4.68	1 3-	1/0 CU	1501	1359	1067	181	2	0	0	0.00	2.25	0
15570046	15570045	4.80	0 1-	2 ACSR 6/1	0	0	1035	180	0	0	0	0.00	3.69	0
15570033	15570045	4.79	1 3-	1/0 CU	1474	1333	1046	181	2	0	0	0.00	2.25	0
15570048	15570033	4.89	0 3-	1/0 CU	1448	1309	1026	180	0	0	0	0.00	2.25	0
15570057	15570048	4.94	0 3-	1/0 CU	1436	1298	1017	180	0	0	0	0.00	2.25	0
15-57-P022-B	15570057	4.94	0 3-	Open	1436	1298	1017	180	0	0	0	0.00	2.25	0
15570047	15570033	4.87	1 1-	2 ACSR 6/1	0	0	1025	180	2	0	0	0.00	2.09	0
15560038	15560037	3.81	1 1-	2 ACSR 6/1	0	0	1278	184	2	0	0	0.00	3.52	0
15560031	15560017	3.67	5 1-	2 ACSR 6/1	0	0	1325	185	25	3	2	0.00	2.18	0
15560032	15560031	3.69	0 1-	2 ACSR 6/1	0	0	1316	185	0	0	0	0.00	2.18	0
15560039	15560031	3.69	3 1-	2 ACSR 6/1	0	0	1313	185	15	1	1	0.00	2.18	0
15560040	15560039	3.77	2 1-	2 ACSR 6/1	0	0	1280	184	10	1	1	0.00	2.18	0
15560030	15560017	3.66	1 1-	2 ACSR 6/1	0	0	1326	185	0	0	0	0.00	3.45	0
15460033	15460018	3.31	0 1-	2 ACSR 6/1	0	0	1433	186	0	0	0	0.00	3.23	0
15460034	15460033	3.35	0 1-	2 ACSR 6/1	0	0	1411	185	0	0	0	0.00	3.23	0
15460029	15460028	2.69	1 1-	2 ACSR 6/1	0	0	1727	189	3	0	0	0.00	2.95	0
15460026	15460025	2.55	2 1-	2 ACSR 6/1	0	0	1804	189	13	1	1	0.00	2.22	0
15460027	15460026	2.60	1 1-	2 ACSR 6/1	0	0	1764	189	8	0	1	0.00	2.22	0
15460024	15460019	2.39	1 1-	2 ACSR 6/1	0	0	1909	190	9	1	1	0.00	2.79	0
15460023	15460019	2.48	1 1-	2 ACSR 6/1	0	0	1831	189	1	0	0	0.00	2.20	0
15360033	15360032	1.94	3 1-	2 ACSR 6/1	0	0	2215	191	17	2	1	0.00	2.38	0
15360035	15360033	1.98	1 1-	2 ACSR 6/1	0	0	2163	191	7	0	1	0.00	2.38	0
15360034	15360033	1.99	1 1-	2 ACSR 6/1	0	0	2157	191	8	0	1	0.00	2.39	0
15360029	15350028	1.79	1 1-	2 ACSR 6/1	0	0	2260	191	3	0	0	0.00	2.01	0
15360028	15350028	1.65	2 1-	2 ACSR 6/1	0	0	2427	192	3	0	0	0.00	1.69	0
20850354	20850353	1.46	1 1-	2 ACSR 6/1	0	0	2613	192	3	0	0	0.00	1.77	0
15350039	15350044	1.26	0 1-	2 ACSR 6/1	0	0	2702	192	0	0	0	0.00	1.30	0
15350040	15350039	1.46	0 1-	2 ACSR 6/1	0	0	2390	190	0	0	0	0.00	1.30	0
15350036	15350034	0.49	4 1-	2 ACSR 6/1	0	0	4085	194	9	1	1	0.00	0.24	0
15350037	15350036	0.54	3 1-	2 ACSR 6/1	0	0	3887	194	8	0	1	0.00	0.24	0
15350038	15350037	0.61	2 1-	2 ACSR 6/1	0	0	3680	193	6	0	0	0.00	0.24	0
15350049	15350038	0.67	1 1-	2 ACSR 6/1	0	0	3491	193	0	0	0	0.00	0.25	0
15350035	15350034	0.49	23 1-	2 ACSR 6/1	0	0	4053	194	107	13	8	0.03	0.27	2
D15-35-P012	15350035	0.49	23 1-	RRC-35-L	0	0	4053	194	107	13	39	0.00	0.27	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15350027	D15-35-P012	0.64	23 1-	2 ACSR 6/1	0	0	3571	193	107	13	8	0.06	0.33	5
20850518	15350027	0.71	22 1-	2 ACSR 6/1	0	0	3372	193	102	12	7	0.03	0.35	2
20850520	20850518	0.77	4 1-	2 ACSR 6/1	0	0	3224	192	18	2	1	0.00	0.35	0
20850521	20850520	0.82	3 1-	2 ACSR 6/1	0	0	3094	192	15	1	1	0.00	0.36	0
20850519	20850518	0.84	17 1-	2 ACSR 6/1	0	0	3059	192	77	9	5	0.04	0.39	2
15450004	20850519	0.88	16 1-	2 ACSR 6/1	0	0	2963	191	70	8	5	0.01	0.40	0
15450005	15450004	0.92	13 1-	2 ACSR 6/1	0	0	2878	191	57	7	4	0.01	0.40	0
15450006	15450005	0.96	12 1-	2 ACSR 6/1	0	0	2806	191	50	6	3	0.01	0.41	0
15450007	15450006	1.02	1 1-	2 ACSR 6/1	0	0	2682	190	9	1	1	0.00	0.41	0
15450002	15450006	1.02	11 1-	2 ACSR 6/1	0	0	2676	190	41	5	3	0.01	0.42	0
15450008	15450002	1.09	10 1-	2 ACSR 6/1	0	0	2555	190	36	4	3	0.01	0.43	0
15450012	15450008	1.15	1 1-	2 ACSR 6/1	0	0	2462	189	5	0	0	0.00	0.43	0
15450009	15450008	1.13	8 1-	2 ACSR 6/1	0	0	2489	189	29	3	2	0.00	0.43	0
15450013	15450009	1.18	1 1-	2 ACSR 6/1	0	0	2419	189	7	0	1	0.00	0.43	0
15450011	15450009	1.15	7 1-	2 ACSR 6/1	0	0	2455	189	22	2	2	0.00	0.44	0
15450014	15450011	1.24	5 1-	2 ACSR 6/1	0	0	2334	188	19	2	1	0.01	0.44	0
15450015	15450014	1.27	4 1-	2 ACSR 6/1	0	0	2289	188	18	2	1	0.00	0.44	0
15450016	15450015	1.31	3 1-	2 ACSR 6/1	0	0	2226	188	14	1	1	0.00	0.44	0
15450017	15450016	1.40	2 1-	2 ACSR 6/1	0	0	2120	187	6	0	0	0.00	0.45	0
15450018	15450017	1.51	1 1-	2 ACSR 6/1	0	0	2000	186	6	0	0	0.00	0.45	0
15450003	15450004	0.93	2 1-	2 ACSR 6/1	0	0	2851	191	9	1	1	0.00	0.40	0
15450010	15450003	1.09	1 1-	2 ACSR 6/1	0	0	2562	190	7	0	1	0.00	0.40	0
15450001	20850519	1.03	1 1-	2 ACSR 6/1	0	0	2671	190	7	0	0	0.00	0.39	0
20850355	15350027	0.82	1 1-	2 ACSR 6/1	0	0	3106	192	5	0	0	0.00	0.33	0
15350031	15350030	0.42	6 1-	2 ACSR 6/1	0	0	4206	194	26	3	2	0.01	0.39	0
15350032	15350031	0.51	5 1-	2 ACSR 6/1	0	0	3876	194	23	2	2	0.00	0.39	0
15350033	15350032	0.55	1 1-	2 ACSR 6/1	0	0	3735	193	7	0	1	0.00	0.39	0
CKT 2	total losses:	\$19,262												

SUB 22, CKT 3

BK2203	ROCKHOLD(22)	0.00	607 3-	BK2203	5501	5578	5792	196	2427	101	27	0.00	0.00	0
15340086	BK2203	0.01	607 3-	336 ACSR 18/1	5462	5533	5724	196	2427	101	19	0.01	0.01	14
15340095	15340086	0.10	607 3-	336 ACSR 18/1	5248	5277	5354	196	2427	101	19	0.05	0.05	81
15340097	15340095	0.16	605 3-	336 ACSR 18/1	5115	5119	5133	196	2418	100	19	0.03	0.08	53
15340188	15340097	0.19	4 1-	2 ACSR 6/1	0	0	4992	195	26	3	2	0.00	0.06	0
15340187	15340188	0.23	3 1-	2 ACSR 6/1	0	0	4791	195	20	2	1	0.00	0.06	0
20851897	15340187	0.32	2 1-	2 ACSR 6/1	0	0	4389	194	14	1	1	0.00	0.07	0
15340098	15340097	0.19	596 3-	336 ACSR 18/1	5045	5038	5021	195	2375	99	19	0.02	0.09	28
15340118	15340098	0.26	594 3-	336 ACSR 18/1	4903	4872	4797	195	2369	98	19	0.04	0.12	59
15340121	15340118	0.34	589 3-	336 ACSR 18/1	4733	4676	4537	195	2358	98	19	0.05	0.16	74
D15-34-P068	15340121	0.34	2 1-	FUS-50	0	0	4537	195	15	1	4	0.00	0.16	0
20851862	D15-34-P068	0.50	2 1-	2 ACSR 6/1	0	0	3957	194	15	1	1	0.01	0.17	0
20851850	20851862	0.52	1 1-	2 ACSR 6/1	0	0	3864	194	12	1	1	0.00	0.17	0
20852042	20851850	0.55	1 1-	2 ACSR 6/1	0	0	3769	193	12	1	1	0.00	0.17	0
15340125	15340121	0.43	1 1-	2 ACSR 6/1	0	0	4186	194	2	0	0	0.00	0.20	0
15340160	15340121	0.46	584 3-	336 ACSR 18/1	4512	4425	4216	195	2333	97	18	0.07	0.21	102
15340192	15340160	0.50	579 3-	336 ACSR 18/1	4446	4350	4123	195	2289	95	18	0.02	0.23	32
15340190	15340192	0.52	578 3-	336 ACSR 18/1	4408	4308	4070	195	2284	95	18	0.01	0.24	18
15340191	15340190	0.55	9 1-	2 ACSR 6/1	0	0	3990	195	21	2	1	0.00	0.30	0
15340193	15340191	0.57	7 1-	2 ACSR 6/1	0	0	3921	194	16	2	1	0.00	0.30	0
15340163	15340190	0.57	561 3-	336 ACSR 18/1	4334	4225	3969	195	2238	93	18	0.02	0.26	35
15340164	15340163	0.65	556 3-	336 ACSR 18/1	4209	4087	3801	194	2221	92	17	0.04	0.29	61

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852043	15340164	0.78	552 3-	336 ACSR 18/1	4018	3878	3553	194	2215	92	17	0.07	0.34	100
20852044	20852043	0.81	551 3-	336 ACSR 18/1	3978	3835	3503	194	2203	92	17	0.01	0.36	22
20852046	20852044	0.82	222 3-	2 ACSR 6/1	3942	3795	3460	194	977	41	23	0.02	0.37	13
20852047	20852046	0.87	220 3-	2 ACSR 6/1	3832	3674	3331	194	962	40	23	0.06	0.42	39
D15-44-P050	20852047	0.87	220 3-	REC-100-L	3832	3674	3331	194	962	40	41	0.00	0.42	0
15440009	D15-44-P050	0.96	220 3-	2 ACSR 6/1	3645	3470	3122	193	962	40	23	0.11	0.51	67
15440010	15440009	1.00	216 3-	2 ACSR 6/1	3566	3384	3035	193	938	39	22	0.05	0.54	29
20852237	15440010	1.31	2 1-	2 ACSR 6/1	0	0	2477	190	4	0	0	0.00	0.48	0
15440008	15440010	1.08	213 3-	2 ACSR 6/1	3409	3216	2869	192	927	39	22	0.10	0.62	58
15340148	15440008	1.11	212 3-	2 ACSR 6/1	3359	3164	2818	192	924	39	22	0.03	0.65	19
15340081	15340148	1.51	209 3-	2 ACSR 6/1	2718	2502	2199	188	910	38	21	0.50	1.01	281
15330003	15340081	1.56	207 3-	2 ACSR 6/1	2651	2435	2139	188	900	38	21	0.06	1.06	34
15330028	15330003	1.64	206 3-	2 ACSR 6/1	2548	2332	2046	187	900	38	21	0.10	1.14	56
D15-33-P019	15330028	1.64	29 1-	REC-35-L	0	0	2046	187	125	15	46	0.00	0.99	0
15330041	D15-33-P019	1.71	29 1-	2 ACSR 6/1	0	0	1971	187	125	15	9	0.03	1.02	3
15330042	15330041	1.86	25 1-	2 ACSR 6/1	0	0	1829	186	118	15	8	0.06	1.09	6
15330059	15330042	2.32	22 1-	2 ACSR 6/1	0	0	1494	182	104	13	7	0.17	1.26	13
15330062	15330059	2.38	2 1-	2 ACSR 6/1	0	0	1458	182	4	0	0	0.00	1.26	0
15330061	15330059	2.36	0 1-	2 ACSR 6/1	0	0	1465	182	0	0	0	0.00	1.26	0
15330060	15330059	2.45	1 1-	2 ACSR 6/1	0	0	1418	181	10	1	1	0.00	1.26	0
15330035	15330059	2.40	18 1-	2 ACSR 6/1	0	0	1444	182	83	10	6	0.03	1.28	2
15330037	15330035	2.50	15 1-	2 ACSR 6/1	0	0	1393	181	62	7	4	0.02	1.30	0
15330039	15330037	2.56	10 1-	2 ACSR 6/1	0	0	1361	180	47	5	3	0.01	1.31	0
20851901	15330039	2.67	1 1-	2 ACSR 6/1	0	0	1307	180	2	0	0	0.00	1.31	0
15330032	15330039	2.62	7 1-	2 ACSR 6/1	0	0	1331	180	33	4	2	0.01	1.32	0
15330033	15330032	2.68	6 1-	2 ACSR 6/1	0	0	1300	180	28	3	2	0.01	1.32	0
15330034	15330033	2.75	5 1-	2 ACSR 6/1	0	0	1269	179	24	3	2	0.00	1.33	0
15320035	15330034	2.85	2 1-	2 ACSR 6/1	0	0	1225	178	5	0	0	0.00	1.33	0
15330040	15320035	2.96	1 1-	2 ACSR 6/1	0	0	1185	178	3	0	0	0.00	1.33	0
20851938	15330034	2.80	1 1-	2 ACSR 6/1	0	0	1247	179	5	0	0	0.00	1.33	0
15330038	15330037	2.56	2 1-	2 ACSR 6/1	0	0	1360	180	4	0	0	0.00	1.30	0
15330031	15330035	2.46	2 1-	2 ACSR 6/1	0	0	1409	181	16	2	1	0.00	1.28	0
15330036	15330031	2.52	1 1-	2 ACSR 6/1	0	0	1381	181	10	1	1	0.00	1.29	0
15330056	15330042	1.90	3 1-	2 ACSR 6/1	0	0	1789	185	14	1	1	0.00	1.09	0
15330057	15330056	2.03	3 1-	2 ACSR 6/1	0	0	1686	184	7	0	1	0.00	1.09	0
15330029	15330028	1.68	177 3-	2 ACSR 6/1	2492	2276	1996	187	774	32	18	0.06	1.17	28
15330052	15330029	1.72	1 1-	2 ACSR 6/1	0	0	1955	187	0	0	0	0.00	1.55	0
15330049	15330029	1.76	176 3-	2 ACSR 6/1	2409	2195	1923	187	773	32	18	0.10	1.23	42
15330050	15330049	2.00	175 3-	2 ACSR 6/1	2167	1958	1714	185	770	32	18	0.33	1.42	137
15330051	15330050	2.05	174 3-	2 ACSR 6/1	2121	1914	1675	184	761	32	18	0.07	1.46	29
15330044	15330051	2.12	174 3-	2 ACSR 6/1	2054	1849	1619	184	761	32	18	0.11	1.52	44
15330045	15330044	2.17	173 3-	2 ACSR 6/1	2015	1812	1586	183	758	32	18	0.06	1.55	27
15330046	15330045	2.23	170 3-	2 ACSR 6/1	1971	1770	1549	183	752	32	18	0.08	1.60	31
D15-33-P009	15330046	2.23	1 1-	REC-35-H	0	0	1549	183	6	0	2	0.00	2.29	0
15330030	D15-33-P009	2.27	1 1-	2 ACSR 6/1	0	0	1519	183	6	0	0	0.00	2.29	0
15330048	15330030	2.34	0 1-	2 ACSR 6/1	0	0	1481	182	0	0	0	0.00	2.29	0
15330047	15330030	2.33	1 1-	2 ACSR 6/1	0	0	1487	182	6	0	0	0.00	2.29	0
15330058	15330046	2.33	112 3-	2 ACSR 6/1	1894	1696	1485	182	482	20	11	0.04	1.65	24
15330053	15330058	2.39	111 3-	2 ACSR 6/1	1852	1656	1451	182	475	20	11	0.02	1.67	13
15330054	15330053	2.43	110 3-	2 ACSR 6/1	1823	1629	1427	181	469	20	11	0.01	1.69	9
15330055	15330054	2.60	109 3-	2 ACSR 6/1	1716	1528	1339	180	469	20	11	0.06	1.78	36
15330065	15330055	2.61	2 1-	2 ACSR 6/1	0	0	1333	180	6	0	0	0.00	2.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15330066	15330065	2.63	1 1-	2 ACSR 6/1	0	0	1323	180	6	0	0	0.00	2.42	0
15330063	15330055	2.66	107 3-	2 ACSR 6/1	1682	1497	1312	180	463	19	11	0.02	1.80	12
15330064	15330063	2.85	107 3-	2 ACSR 6/1	1574	1396	1225	178	463	19	11	0.06	1.90	41
D15-22-P028	15330064	2.85	60 1-	REC-35-H	0	0	1225	178	232	29	85	0.00	1.82	0
15220030	D15-22-P028	2.99	60 1-	2 ACSR 6/1	0	0	1172	177	232	29	17	0.11	1.93	21
20852093	15220030	3.04	59 1-	2 ACSR 6/1	0	0	1151	177	230	29	16	0.05	1.98	9
20852094	20852093	3.25	59 1-	2 ACSR 6/1	0	0	1082	175	230	29	16	0.17	2.15	30
20852100	20852094	3.30	58 1-	2 ACSR 6/1	0	0	1066	175	223	28	16	0.04	2.19	7
20851939	20852100	3.32	56 1-	2 ACSR 6/1	0	0	1057	175	217	27	16	0.02	2.21	4
20851940	20851939	3.40	2 1-	2 ACSR 6/1	0	0	1034	174	9	1	1	0.00	2.21	0
15320033	20851939	3.40	54 1-	2 ACSR 6/1	0	0	1035	174	209	26	15	0.06	2.27	10
20851941	15320033	3.52	1 1-	2 ACSR 6/1	0	0	1001	174	6	0	0	0.00	2.27	0
15320034	15320033	3.45	53 1-	2 ACSR 6/1	0	0	1019	174	203	26	15	0.04	2.31	6
20851947	15320034	3.49	52 1-	2 ACSR 6/1	0	0	1007	174	193	24	14	0.03	2.34	4
20851948	20851947	3.53	50 1-	2 ACSR 6/1	0	0	998	174	187	24	13	0.02	2.36	3
20852101	20851948	3.58	49 1-	2 ACSR 6/1	0	0	984	173	176	22	13	0.03	2.40	4
20852103	20852101	3.66	2 1-	2 ACSR 6/1	0	0	962	173	4	0	0	0.00	2.40	0
20852104	20852103	3.73	1 1-	2 ACSR 6/1	0	0	945	172	1	0	0	0.00	2.40	0
15320036	20852104	3.79	1 1-	2 ACSR 6/1	0	0	931	172	1	0	0	0.00	2.40	0
15320032	20852104	3.88	0 1-	2 ACSR 6/1	0	0	909	171	0	0	0	0.00	2.40	0
15320041	20852101	3.65	43 1-	2 ACSR 6/1	0	0	966	173	156	20	11	0.04	2.44	5
15320039	15320041	3.70	42 1-	2 ACSR 6/1	0	0	954	172	152	19	11	0.03	2.46	3
15320040	15320039	3.77	7 1-	2 ACSR 6/1	0	0	935	172	35	4	2	0.01	2.47	0
15320038	15320040	3.81	1 1-	2 ACSR 6/1	0	0	925	172	9	1	1	0.00	2.47	0
15320037	15320040	3.84	5 1-	2 ACSR 6/1	0	0	918	171	21	2	1	0.00	2.48	0
20851636	15320037	3.92	3 1-	2 ACSR 6/1	0	0	901	171	12	1	1	0.00	2.48	0
15320046	20851636	3.99	2 1-	2 ACSR 6/1	0	0	885	170	7	0	0	0.00	2.48	0
15320048	15320046	4.04	1 1-	2 ACSR 6/1	0	0	874	170	3	0	0	0.00	2.48	0
15320047	15320046	4.05	1 1-	2 ACSR 6/1	0	0	873	170	3	0	0	0.00	2.48	0
15320042	15320039	3.75	33 1-	2 ACSR 6/1	0	0	940	172	116	14	8	0.02	2.49	2
20851637	15320042	3.83	30 1-	2 ACSR 6/1	0	0	922	171	111	14	8	0.03	2.52	3
20851639	20851637	3.88	2 1-	2 ACSR 6/1	0	0	909	171	3	0	0	0.00	2.52	0
20851725	20851639	3.92	1 1-	2 ACSR 6/1	0	0	899	171	2	0	0	0.00	2.52	0
20851638	20851637	3.90	2 1-	2 ACSR 6/1	0	0	904	171	5	0	0	0.00	2.52	0
20851753	20851638	3.96	1 1-	2 ACSR 6/1	0	0	892	171	3	0	0	0.00	2.52	0
20851726	20851638	3.97	1 1-	2 ACSR 6/1	0	0	889	170	2	0	0	0.00	2.52	0
20851754	20851637	3.92	24 1-	2 ACSR 6/1	0	0	900	171	95	12	7	0.03	2.55	2
20851755	20851754	3.99	23 1-	2 ACSR 6/1	0	0	886	170	93	11	7	0.02	2.57	2
20851756	20851755	4.05	22 1-	2 ACSR 6/1	0	0	872	170	92	11	7	0.02	2.59	2
20851758	20851756	4.12	0 1-	2 ACSR 6/1	0	0	857	169	0	0	0	0.00	2.59	0
20851757	20851756	4.14	22 1-	2 ACSR 6/1	0	0	854	169	92	11	7	0.03	2.62	2
20850772	20851757	4.17	1 1-	2 ACSR 6/1	0	0	847	169	4	0	0	0.00	2.62	0
15420017	20851757	4.19	21 1-	2 ACSR 6/1	0	0	844	169	88	11	6	0.02	2.64	1
15420019	15420017	4.28	18 1-	2 ACSR 6/1	0	0	826	168	84	10	6	0.03	2.67	2
15420021	15420019	4.37	18 1-	2 ACSR 6/1	0	0	808	168	84	10	6	0.03	2.70	2
20850777	15420021	4.40	17 1-	2 ACSR 6/1	0	0	803	168	82	10	6	0.01	2.71	0
20850778	20850777	4.59	15 1-	2 ACSR 6/1	0	0	771	166	77	9	6	0.05	2.76	3
15420027	20850778	4.64	14 1-	2 ACSR 6/1	0	0	762	166	65	8	5	0.01	2.77	0
15420028	15420027	4.70	11 1-	2 ACSR 6/1	0	0	754	166	60	7	4	0.01	2.78	0
20850806	15420028	4.75	9 1-	2 ACSR 6/1	0	0	746	165	54	7	4	0.01	2.79	0
20850916	20850806	4.80	6 1-	2 ACSR 6/1	0	0	738	165	34	4	2	0.01	2.79	0
20851110	20850916	4.86	4 1-	2 ACSR 6/1	0	0	729	165	22	2	2	0.00	2.80	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850986	20851110	4.93	1 1-	2 ACSR 6/1	0	0	719	164	9	1	1	0.00	2.80	0
20850917	20850916	4.84	1 1-	2 ACSR 6/1	0	0	732	165	5	0	0	0.00	2.80	0
15420029	15420027	4.71	2 1-	2 ACSR 6/1	0	0	752	166	5	0	0	0.00	2.77	0
15420030	15420029	4.78	1 1-	2 ACSR 6/1	0	0	741	165	5	0	0	0.00	2.77	0
20850776	15420021	4.44	1 1-	2 ACSR 6/1	0	0	797	167	2	0	0	0.00	2.70	0
15420020	15420019	4.36	0 1-	2 ACSR 6/1	0	0	811	168	0	0	0	0.00	2.67	0
15420018	15420017	4.27	3 1-	2 ACSR 6/1	0	0	828	168	5	0	0	0.00	2.64	0
20850774	15420018	4.34	2 1-	2 ACSR 6/1	0	0	815	168	3	0	0	0.00	2.64	0
20850775	20850774	4.41	1 1-	2 ACSR 6/1	0	0	803	168	0	0	0	0.00	2.64	0
20850773	15420018	4.31	1 1-	2 ACSR 6/1	0	0	820	168	2	0	0	0.00	2.64	0
20852102	20852101	3.63	3 1-	2 ACSR 6/1	0	0	972	173	8	1	1	0.00	2.40	0
20851963	20852102	3.67	2 1-	2 ACSR 6/1	0	0	960	173	4	0	0	0.00	2.40	0
20851962	20852102	3.67	1 1-	2 ACSR 6/1	0	0	961	173	5	0	0	0.00	2.40	0
20851946	15320034	3.51	1 1-	2 ACSR 6/1	0	0	1004	174	10	1	1	0.00	2.31	0
20850599	15330064	2.88	45 3-	2 ACSR 6/1	1560	1383	1214	178	224	9	5	0.01	1.90	2
20850601	20850599	2.94	45 3-	2 ACSR 6/1	1531	1356	1190	178	224	9	5	0.01	1.92	4
20850661	20850601	2.97	1 1-	2 ACSR 6/1	0	0	1181	177	7	0	1	0.00	2.52	0
20850865	20850661	3.00	1 1-	2 ACSR 6/1	0	0	1168	177	7	0	1	0.00	2.52	0
20850600	20850601	3.01	43 3-	2 ACSR 6/1	1496	1323	1162	177	213	9	5	0.01	1.93	5
20850201	20850600	3.10	4 1-	2 ACSR 6/1	0	0	1131	177	28	3	2	0.01	2.54	0
15220034	20850201	3.13	3 1-	2 ACSR 6/1	0	0	1122	176	18	2	1	0.00	2.54	0
15220035	15220034	3.21	2 1-	2 ACSR 6/1	0	0	1094	176	14	1	1	0.00	2.55	0
15220036	15220035	3.29	1 1-	2 ACSR 6/1	0	0	1069	175	8	1	1	0.00	2.55	0
20850200	20850600	3.13	37 3-	2 ACSR 6/1	1444	1275	1121	176	182	7	4	0.01	1.95	6
20850202	20850200	3.23	2 1-	2 ACSR 6/1	0	0	1086	176	7	0	1	0.00	2.54	0
20850627	20850202	3.30	1 1-	2 ACSR 6/1	0	0	1066	175	5	0	0	0.00	2.54	0
20850628	20850200	3.18	35 3-	2 ACSR 6/1	1421	1254	1103	176	175	7	4	0.00	1.96	3
20850629	20850628	3.28	33 3-	2 ACSR 6/1	1383	1219	1072	175	170	7	4	0.00	1.98	5
20850632	20850629	3.39	30 3-	2 ACSR 6/1	1339	1178	1037	174	161	6	4	0.00	2.00	6
20850633	20850632	3.43	8 1-	2 ACSR 6/1	0	0	1025	174	24	3	2	0.00	2.54	0
20850596	20850633	3.57	4 1-	2 ACSR 6/1	0	0	988	173	12	1	1	0.01	2.55	0
20850597	20850596	3.59	4 1-	2 ACSR 6/1	0	0	981	173	12	1	1	0.00	2.55	0
20850690	20850597	3.68	3 1-	2 ACSR 6/1	0	0	957	172	11	1	1	0.00	2.55	0
20850595	20850633	3.50	1 1-	2 ACSR 6/1	0	0	1005	174	5	0	0	0.00	2.54	0
20850631	20850632	3.51	21 3-	2 ACSR 6/1	1296	1139	1003	174	133	5	3	-0.01	2.01	5
D15-22-P017	20850631	3.51	18 1-	REC-35-H	0	0	1003	174	117	15	43	0.00	1.69	0
15220018	D15-22-P017	3.80	18 1-	2 ACSR 6/1	0	0	929	172	117	15	8	0.12	1.82	11
20851898	15220018	3.83	5 1-	2 ACSR 6/1	0	0	920	171	30	3	2	0.00	1.82	0
20851899	20851898	3.85	4 1-	2 ACSR 6/1	0	0	916	171	22	2	2	0.00	1.82	0
20851759	15220018	3.92	13 1-	2 ACSR 6/1	0	0	900	171	87	11	6	0.04	1.85	3
20851905	20851759	4.04	12 1-	2 ACSR 6/1	0	0	875	170	87	11	6	0.03	1.89	2
20851907	20851905	4.17	8 1-	2 ACSR 6/1	0	0	847	169	57	7	4	0.02	1.91	0
20851760	20851907	4.22	6 1-	2 ACSR 6/1	0	0	837	169	37	4	3	0.01	1.92	0
20851761	20851760	4.28	4 1-	2 ACSR 6/1	0	0	826	168	24	3	2	0.00	1.92	0
20851541	20851761	4.30	2 1-	2 ACSR 6/1	0	0	822	168	10	1	1	0.00	1.92	0
20851543	20851541	4.33	1 1-	2 ACSR 6/1	0	0	817	168	4	0	0	0.00	1.92	0
20851544	20851543	4.36	1 1-	2 ACSR 6/1	0	0	811	168	4	0	0	0.00	1.92	0
20851542	20851541	4.35	1 1-	2 ACSR 6/1	0	0	812	168	6	0	0	0.00	1.92	0
20851906	20851905	4.11	1 1-	2 ACSR 6/1	0	0	860	170	4	0	0	0.00	1.89	0
20850902	20850631	3.56	1 1-	2 ACSR 6/1	0	0	991	173	8	1	1	0.00	2.52	0
15220019	20850631	3.61	2 3-	2 ACSR 6/1	1262	1108	976	173	8	0	0	0.00	2.01	0
20850598	15220019	3.65	2 1-	2 ACSR 6/1	0	0	964	173	8	1	1	0.00	1.69	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15220021	15220019	3.62	0 2-	2 ACSR 6/1	0	1104	973	173	0	0	0	0.00	1.76	0
15-22-PO16-B	15220021	3.62	0 2-	Open	0	1104	973	173	0	0	0	0.00	1.76	0
20850630	20850629	3.36	3 1-	2 ACSR 6/1	0	0	1045	175	9	1	1	0.00	2.54	0
15330027	15330046	2.55	57 1-	2 ACSR 6/1	0	0	1363	180	263	33	19	0.32	2.61	66
15230015	15330027	2.66	56 1-	2 ACSR 6/1	0	0	1312	180	253	32	18	0.10	2.71	20
20850892	15230015	2.70	1 1-	2 ACSR 6/1	0	0	1291	179	1	0	0	0.00	2.71	0
20850765	15230015	2.72	55 1-	2 ACSR 6/1	0	0	1284	179	252	32	18	0.06	2.76	11
20850953	20850765	2.76	54 1-	2 ACSR 6/1	0	0	1264	179	251	32	18	0.04	2.81	8
15230016	20850953	2.88	53 1-	2 ACSR 6/1	0	0	1217	178	244	31	18	0.10	2.91	20
20851098	15230016	3.00	7 1-	2 ACSR 6/1	0	0	1169	177	37	4	3	0.01	2.92	0
20851100	20851098	3.05	4 1-	2 ACSR 6/1	0	0	1150	177	23	2	2	0.00	2.93	0
20851101	20851100	3.07	4 1-	2 ACSR 6/1	0	0	1141	177	23	2	2	0.00	2.93	0
20850955	20851101	3.15	2 1-	2 ACSR 6/1	0	0	1115	176	14	1	1	0.00	2.93	0
15230020	20850955	3.22	1 1-	2 ACSR 6/1	0	0	1089	176	5	0	0	0.00	2.93	0
20851099	20851098	3.16	1 1-	2 ACSR 6/1	0	0	1110	176	3	0	0	0.00	2.93	0
20850866	15230016	2.95	45 1-	2 ACSR 6/1	0	0	1187	178	198	25	14	0.05	2.96	8
20850868	20850866	3.04	15 1-	2 ACSR 6/1	0	0	1154	177	60	7	4	0.02	2.98	0
20850744	20850868	3.09	15 1-	2 ACSR 6/1	0	0	1135	177	60	7	4	0.01	2.99	0
20850745	20850744	3.25	14 1-	2 ACSR 6/1	0	0	1082	175	57	7	4	0.03	3.03	1
20850215	20850745	3.32	10 1-	2 ACSR 6/1	0	0	1058	175	42	5	3	0.01	3.04	0
20850216	20850215	3.41	9 1-	2 ACSR 6/1	0	0	1033	174	41	5	3	0.01	3.05	0
20850217	20850216	3.48	8 1-	2 ACSR 6/1	0	0	1010	174	37	4	3	0.01	3.06	0
20850219	20850217	3.56	7 1-	2 ACSR 6/1	0	0	989	173	34	4	2	0.01	3.07	0
20850220	20850219	3.66	5 1-	2 ACSR 6/1	0	0	963	173	27	3	2	0.01	3.08	0
20850221	20850220	3.69	5 1-	2 ACSR 6/1	0	0	955	172	27	3	2	0.00	3.08	0
20850222	20850221	3.76	1 1-	2 ACSR 6/1	0	0	939	172	7	0	1	0.00	3.08	0
20850196	20850221	3.73	3 1-	2 ACSR 6/1	0	0	944	172	17	2	1	0.00	3.09	0
20850197	20850196	3.85	1 1-	2 ACSR 6/1	0	0	915	171	12	1	1	0.00	3.09	0
20850218	20850217	3.56	1 1-	2 ACSR 6/1	0	0	989	173	3	0	0	0.00	3.06	0
20850214	20850745	3.33	0 1-	2 ACSR 6/1	0	0	1055	175	0	0	0	0.00	3.03	0
20850042	20850745	3.34	3 1-	2 ACSR 6/1	0	0	1054	175	9	1	1	0.00	3.03	0
15220032	20850042	3.37	2 1-	2 ACSR 6/1	0	0	1045	175	7	0	1	0.00	3.03	0
15220033	15220032	3.50	1 1-	2 ACSR 6/1	0	0	1007	174	4	0	0	0.00	3.03	0
15220031	15220032	3.41	1 1-	2 ACSR 6/1	0	0	1033	174	3	0	0	0.00	3.03	0
20850041	20850042	3.38	0 1-	2 ACSR 6/1	0	0	1041	175	0	0	0	0.00	3.03	0
20850867	20850866	3.02	1 1-	2 ACSR 6/1	0	0	1162	177	3	0	0	0.00	2.96	0
20850746	20850866	3.02	27 1-	2 ACSR 6/1	0	0	1159	177	124	16	9	0.03	3.00	3
20850763	20850746	3.14	25 1-	2 ACSR 6/1	0	0	1116	176	122	15	9	0.05	3.05	5
20850905	20850763	3.22	1 1-	2 ACSR 6/1	0	0	1091	176	4	0	0	0.00	3.05	0
15230017	20850763	3.28	24 1-	2 ACSR 6/1	0	0	1073	175	118	15	8	0.06	3.11	5
20850198	15230017	3.44	14 1-	2 ACSR 6/1	0	0	1024	174	74	9	5	0.04	3.15	2
20850199	20850198	3.46	13 1-	2 ACSR 6/1	0	0	1017	174	68	8	5	0.01	3.16	0
15120037	20850199	3.62	11 1-	2 ACSR 6/1	0	0	974	173	59	7	4	0.04	3.19	2
15120040	15120037	3.67	1 1-	2 ACSR 6/1	0	0	961	173	4	0	0	0.00	3.19	0
15120043	15120037	3.69	1 1-	2 ACSR 6/1	0	0	956	172	8	0	1	0.00	3.19	0
15120025	15120037	3.66	9 1-	2 ACSR 6/1	0	0	962	173	48	6	3	0.01	3.20	0
15120046	15120025	3.69	5 1-	2 ACSR 6/1	0	0	955	172	33	4	2	0.00	3.21	0
15120047	15120046	3.88	4 1-	2 ACSR 6/1	0	0	910	171	31	3	2	0.02	3.23	0
15120048	15120047	3.95	3 1-	2 ACSR 6/1	0	0	894	171	24	3	2	0.01	3.23	0
15120049	15120048	4.03	1 1-	2 ACSR 6/1	0	0	876	170	7	0	0	0.00	3.23	0
15120050	15120048	4.06	1 1-	2 ACSR 6/1	0	0	870	170	9	1	1	0.00	3.23	0
15120051	15120047	4.01	1 1-	2 ACSR 6/1	0	0	880	170	6	0	0	0.00	3.23	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15120044	15120025	3.70	4 1-	2 ACSR 6/1	0	0	954	172	14	1	1	0.00	3.20	0
15120045	15120044	3.75	3 1-	2 ACSR 6/1	0	0	939	172	11	1	1	0.00	3.21	0
15120039	15120045	3.96	1 1-	2 ACSR 6/1	0	0	893	171	5	0	0	0.00	3.21	0
15230018	15230017	3.35	10 1-	2 ACSR 6/1	0	0	1049	175	44	5	3	0.01	3.12	0
20850903	15230018	3.41	2 1-	2 ACSR 6/1	0	0	1033	174	12	1	1	0.00	3.12	0
20850904	20850903	3.50	0 1-	2 ACSR 6/1	0	0	1006	174	0	0	0	0.00	3.12	0
20850764	15230018	3.42	1 1-	2 ACSR 6/1	0	0	1030	174	3	0	0	0.00	3.12	0
15230019	15230018	3.72	7 1-	2 ACSR 6/1	0	0	947	172	29	3	2	0.04	3.16	0
15130016	15230019	3.82	1 1-	2 ACSR 6/1	0	0	925	172	5	0	0	0.00	3.16	0
15130007	15230019	3.79	6 1-	2 ACSR 6/1	0	0	930	172	25	3	2	0.01	3.17	0
15130008	15130007	4.14	6 1-	2 ACSR 6/1	0	0	854	169	25	3	2	0.03	3.20	0
15130011	15130008	4.24	0 1-	2 ACSR 6/1	0	0	834	169	0	0	0	0.00	3.20	0
15130012	15130008	4.25	6 1-	2 ACSR 6/1	0	0	831	169	25	3	2	0.01	3.21	0
15130013	15130012	4.31	2 1-	2 ACSR 6/1	0	0	821	168	14	1	1	0.00	3.21	0
15130015	15130013	4.45	1 1-	2 ACSR 6/1	0	0	795	167	1	0	0	0.00	3.21	0
15130014	15130013	4.37	1 1-	2 ACSR 6/1	0	0	809	168	13	1	1	0.00	3.22	0
15130010	15130007	3.85	0 1-	2 ACSR 6/1	0	0	916	171	0	0	0	0.00	3.17	0
15130009	15230019	3.78	0 1-	2 ACSR 6/1	0	0	932	172	0	0	0	0.00	3.16	0
20850954	15230016	2.92	1 1-	2 ACSR 6/1	0	0	1198	178	9	1	1	0.00	2.91	0
20851078	20850953	2.84	1 1-	2 ACSR 6/1	0	0	1233	178	7	0	1	0.00	2.81	0
20850893	15330027	2.61	1 1-	2 ACSR 6/1	0	0	1332	180	9	1	1	0.00	2.61	0
15330043	15340081	1.73	2 1-	2 ACSR 6/1	0	0	1950	187	7	0	1	0.00	1.33	0
15340149	15340148	1.14	3 1-	2 ACSR 6/1	0	0	2765	191	14	1	1	0.00	0.55	0
15340150	15340149	1.16	2 1-	2 ACSR 6/1	0	0	2726	191	9	1	1	0.00	0.56	0
15340151	15340150	1.18	1 1-	2 ACSR 6/1	0	0	2680	191	6	0	0	0.00	0.56	0
15340159	15340150	1.18	1 1-	2 ACSR 6/1	0	0	2681	191	3	0	0	0.00	0.56	0
15440003	15440010	1.11	1 1-	2 ACSR 6/1	0	0	2822	192	6	0	0	0.00	0.46	0
15340157	15440003	1.15	1 1-	2 ACSR 6/1	0	0	2733	191	6	0	0	0.00	0.46	0
20852045	20852044	0.85	328 3-	336 ACSR 18/1	3916	3768	3425	194	1215	51	10	0.01	0.36	11
20852230	20852045	1.05	325 3-	336 ACSR 18/1	3669	3504	3126	194	1209	50	10	0.04	0.40	46
20852231	20852230	1.13	323 3-	336 ACSR 18/1	3577	3408	3019	193	1209	50	10	0.01	0.41	18
20852232	20852231	1.17	320 3-	336 ACSR 18/1	3532	3360	2967	193	1196	50	10	0.01	0.41	9
20852233	20852232	1.20	319 3-	336 ACSR 18/1	3500	3327	2930	193	1188	50	9	0.00	0.42	7
20852234	20852233	1.23	318 3-	336 ACSR 18/1	3464	3290	2891	193	1188	50	9	0.01	0.42	7
20852235	20852234	1.37	315 3-	336 ACSR 18/1	3324	3145	2734	193	1171	49	9	0.02	0.45	30
20852236	20852235	1.54	314 3-	336 ACSR 18/1	3164	2981	2562	192	1171	49	9	0.03	0.47	37
20851923	20852236	1.57	313 3-	336 ACSR 18/1	3138	2954	2534	192	1170	49	9	0.00	0.48	7
20851914	20851923	1.60	312 3-	336 ACSR 18/1	3113	2928	2508	192	1165	49	9	0.00	0.48	6
20851912	20851914	1.62	311 3-	336 ACSR 18/1	3091	2907	2485	192	1155	48	9	0.00	0.48	5
20851913	20851912	1.65	311 3-	336 ACSR 18/1	3071	2886	2464	192	1155	48	9	0.00	0.49	5
20851911	20851913	1.80	281 3-	336 ACSR 18/1	2950	2763	2339	192	1035	43	8	0.00	0.51	27
15430007	20851911	1.84	278 3-	336 ACSR 18/1	2914	2727	2303	192	1026	43	8	0.00	0.51	8
15530056	15430007	1.91	277 3-	336 ACSR 18/1	2864	2677	2253	192	1024	43	8	0.00	0.52	12
15530063	15530056	1.94	276 3-	336 ACSR 18/1	2842	2656	2231	192	1018	43	8	0.00	0.52	5
D15-53-P057	15530063	1.94	17 1-	FUS-70	0	0	2231	192	72	9	15	0.00	0.58	0
15530031	D15-53-P057	1.99	17 1-	2 ACSR 6/1	0	0	2180	191	72	9	5	0.01	0.59	0
15530042	15530031	2.04	15 1-	2 ACSR 6/1	0	0	2128	191	70	8	5	0.01	0.60	0
15530035	15530042	2.09	14 1-	2 ACSR 6/1	0	0	2067	190	66	8	5	0.01	0.61	0
15530061	15530035	2.19	13 1-	2 ACSR 6/1	0	0	1970	189	59	7	4	0.02	0.63	0
15530062	15530061	2.31	12 1-	2 ACSR 6/1	0	0	1867	189	53	6	4	0.02	0.66	0
15530037	15530062	2.34	10 1-	2 ACSR 6/1	0	0	1838	188	49	6	3	0.01	0.66	0
15530038	15530037	2.49	9 1-	2 ACSR 6/1	0	0	1719	187	43	5	3	0.02	0.68	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15530059	15530038	2.81	6 1-	2 ACSR 6/1	0	0	1509	185	30	3	2	0.03	0.72	0
15430011	15530059	3.03	1 1-	2 ACSR 6/1	0	0	1392	183	4	0	0	0.00	0.72	0
15430010	15530059	2.96	5 1-	2 ACSR 6/1	0	0	1429	184	26	3	2	0.01	0.73	0
20851668	15430010	3.01	1 1-	2 ACSR 6/1	0	0	1400	183	9	1	1	0.00	0.73	0
20851624	15430010	3.04	2 1-	2 ACSR 6/1	0	0	1387	183	10	1	1	0.00	0.73	0
15530044	15530038	2.57	1 1-	2 ACSR 6/1	0	0	1664	186	2	0	0	0.00	0.69	0
15530043	15530038	2.60	2 1-	2 ACSR 6/1	0	0	1645	186	11	1	1	0.00	0.69	0
15530039	15530043	2.67	1 1- 15 KV 2 URD XLP	0	0	0	1603	446	5	0	0	0.00	0.69	0
15530036	15530062	2.38	2 1-	2 ACSR 6/1	0	0	1808	188	4	0	0	0.00	0.66	0
15530040	15530031	2.02	1 1-	2 ACSR 6/1	0	0	2141	191	1	0	0	0.00	0.59	0
15530041	15530040	2.11	0 1-	2 ACSR 6/1	0	0	2053	190	0	0	0	0.00	0.59	0
15530054	15530031	2.16	1 1-	2 ACSR 6/1	0	0	2006	190	1	0	0	0.00	0.59	0
15530050	15530063	1.97	259 3-	336 ACSR 18/1	2820	2633	2209	191	946	40	8	0.00	0.53	5
15530051	15530050	2.14	258 3-	336 ACSR 18/1	2707	2521	2098	191	941	40	8	0.00	0.54	25
15530052	15530051	2.19	2 1-	2 ACSR 6/1	0	0	2045	191	9	1	1	0.00	0.42	0
15530027	15530051	2.30	256 3-	336 ACSR 18/1	2608	2423	2003	191	932	39	8	0.00	0.56	23
15530026	15530027	2.41	256 3-	336 ACSR 18/1	2540	2356	1939	190	931	39	8	0.00	0.57	17
15540048	15530026	2.47	6 1-	2 ACSR 6/1	0	0	1884	190	24	3	2	0.01	0.59	0
D15-53-P043	15540048	2.47	3 1-	REC-35-L	0	0	1884	190	20	2	7	0.00	0.59	0
15530034	D15-53-P043	2.81	3 1-	2 ACSR 6/1	0	0	1637	187	20	2	1	0.02	0.62	0
15530053	15530034	2.89	1 1-	2 ACSR 6/1	0	0	1584	187	9	1	1	0.00	0.62	0
15530028	15530034	2.87	2 1-	2 ACSR 6/1	0	0	1594	187	12	1	1	0.00	0.62	0
15530046	15530028	3.03	1 1-	2 ACSR 6/1	0	0	1499	185	9	1	1	0.01	0.62	0
15530045	15530046	3.06	1 1- 15 KV 2 URD XLP	0	0	0	1484	442	9	1	1	0.00	0.63	0
15530057	15530028	2.98	1 1-	2 ACSR 6/1	0	0	1527	186	3	0	0	0.00	0.62	0
15540024	15530026	2.47	39 1-	2 ACSR 6/1	0	0	1891	190	167	21	12	0.03	0.49	4
D15-54-P006	15540024	2.47	39 1-	REC-50-L	0	0	1891	190	167	21	12	0.00	0.49	0
15540025	D15-54-P006	2.53	39 1-	2 ACSR 6/1	0	0	1836	189	167	21	12	0.04	0.53	5
15540049	15540025	2.75	1 1-	2 ACSR 6/1	0	0	1678	188	5	0	0	0.00	0.53	0
15540050	15540049	2.80	0 1-	2 ACSR 6/1	0	0	1639	187	0	0	0	0.00	0.53	0
15540075	15540025	2.68	33 1-	2 ACSR 6/1	0	0	1728	188	147	18	10	0.07	0.61	8
15540077	15540075	2.83	6 1-	2 ACSR 6/1	0	0	1623	187	20	2	1	0.01	0.62	0
15540064	15540077	2.85	4 1-	2 ACSR 6/1	0	0	1611	187	13	1	1	0.00	0.62	0
15540065	15540064	2.88	2 1-	2 ACSR 6/1	0	0	1592	187	8	1	1	0.00	0.62	0
15540055	15540065	2.94	2 1-	2 ACSR 6/1	0	0	1551	186	8	1	1	0.00	0.62	0
15540076	15540075	2.74	0 1-	2 ACSR 6/1	0	0	1681	188	0	0	0	0.00	0.61	0
15540052	15540075	2.82	26 1-	2 ACSR 6/1	0	0	1626	187	121	15	9	0.06	0.67	6
15540053	15540052	2.85	24 1-	2 ACSR 6/1	0	0	1611	187	110	13	8	0.01	0.68	0
15540096	15540053	2.89	2 1-	2 ACSR 6/1	0	0	1584	187	4	0	0	0.00	0.68	0
15540097	15540096	2.93	1 1-	2 ACSR 6/1	0	0	1562	186	3	0	0	0.00	0.68	0
15540056	15540053	2.88	22 1-	2 ACSR 6/1	0	0	1589	187	106	13	8	0.01	0.69	0
15540057	15540056	2.89	21 1-	2 ACSR 6/1	0	0	1583	187	100	12	7	0.00	0.70	0
15540058	15540057	2.95	20 1-	2 ACSR 6/1	0	0	1548	186	92	11	7	0.02	0.71	1
15540060	15540058	3.02	5 1-	2 ACSR 6/1	0	0	1504	186	27	3	2	0.01	0.72	0
15540061	15540060	3.06	4 1-	2 ACSR 6/1	0	0	1481	185	14	1	1	0.00	0.72	0
15540063	15540061	3.22	3 1-	2 ACSR 6/1	0	0	1399	184	9	1	1	0.00	0.73	0
15540072	15540063	3.27	1 1-	2 ACSR 6/1	0	0	1372	184	3	0	0	0.00	0.73	0
15540069	15540063	3.29	1 1-	2 ACSR 6/1	0	0	1367	184	2	0	0	0.00	0.73	0
15540062	15540061	3.10	1 1-	2 ACSR 6/1	0	0	1462	185	5	0	0	0.00	0.72	0
15540059	15540058	3.05	11 1-	2 ACSR 6/1	0	0	1490	185	50	6	4	0.02	0.73	0
15540071	15540059	3.07	2 1-	2 ACSR 6/1	0	0	1477	185	15	1	1	0.00	0.73	0
15540070	15540059	3.10	2 1-	2 ACSR 6/1	0	0	1459	185	7	0	0	0.00	0.73	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15540067	15540059	3.11	7 1-	2 ACSR 6/1	0	0	1455	185	28	3	2	0.01	0.74	0
15540068	15540067	3.17	7 1-	2 ACSR 6/1	0	0	1426	184	28	3	2	0.01	0.74	0
15540078	15540068	3.20	7 1-	2 ACSR 6/1	0	0	1411	184	28	3	2	0.00	0.75	0
15540080	15540078	3.30	1 1-	2 ACSR 6/1	0	0	1360	183	5	0	0	0.00	0.75	0
15540079	15540078	3.24	2 1-	2 ACSR 6/1	0	0	1390	184	8	0	1	0.00	0.75	0
15540051	15540052	2.90	1 1-	2 ACSR 6/1	0	0	1580	187	6	0	0	0.00	0.67	0
15540073	15540025	2.68	5 1-	2 ACSR 6/1	0	0	1727	188	15	1	1	0.01	0.54	0
15540074	15540073	2.74	3 1-	2 ACSR 6/1	0	0	1684	188	14	1	1	0.00	0.54	0
15540093	15540074	2.79	2 1-	2 ACSR 6/1	0	0	1649	187	12	1	1	0.00	0.54	0
15540095	15540093	2.84	1 1-	2 ACSR 6/1	0	0	1617	187	5	0	0	0.00	0.54	0
15540094	15540093	2.84	1 1-	2 ACSR 6/1	0	0	1618	187	7	0	1	0.00	0.54	0
20850329	15530026	3.07	211 3-	336 ACSR 18/1	2210	2034	1637	189	740	32	6	0.06	0.60	65
20850330	20850329	3.20	210 3-	336 ACSR 18/1	2154	1980	1588	189	739	32	6	0.01	0.60	13
20850333	20850330	3.31	202 3-	336 ACSR 18/1	2108	1937	1548	188	714	31	6	0.01	0.61	10
20850386	20850333	3.33	199 3-	336 ACSR 18/1	2100	1929	1541	188	704	31	6	0.00	0.61	2
20850602	20850386	3.35	198 3-	336 ACSR 18/1	2091	1921	1534	188	699	30	6	0.00	0.61	2
15630045	20850602	3.38	198 3-	336 ACSR 18/1	2081	1911	1525	188	699	30	6	0.00	0.61	2
C15-63-P33	15630045	3.38	0 3-	Capacitor	2081	1911	1525	188	0	-13	0	0.00	0.61	0
20850603	15630045	3.41	198 3-	336 ACSR 18/1	2070	1900	1515	188	699	29	6	0.01	0.61	2
20850604	20850603	3.44	196 3-	336 ACSR 18/1	2059	1890	1506	188	695	29	6	0.01	0.62	2
15-63-P032-B	20850604	3.44	196 3-	Closed	2059	1890	1506	188	694	29	0	0.00	0.62	0
15-63-P032-A	15-63-P032-B	3.44	196 3-	Closed	2059	1890	1506	188	694	29	0	0.00	0.62	0
20850605	15-63-P032-A	3.48	196 3-	336 ACSR 18/1	2043	1874	1492	188	694	29	6	0.01	0.63	3
20850606	20850605	3.54	195 3-	336 ACSR 18/1	2021	1853	1473	188	691	29	6	0.01	0.64	5
D15-63-P081A	20850606	3.54	66 3-	REC-50-H	2021	1853	1473	188	189	8	17	0.00	0.64	0
15630040	D15-63-P081A	3.77	66 3-	336 ACSR 18/1	1940	1775	1404	187	199	8	2	0.03	0.65	2
D15-63-P018	15630040	3.77	24 1-	REC-50-H	0	0	1404	187	80	10	20	0.00	0.81	0
15630041	D15-63-P018	3.94	24 1-	2 ACSR 6/1	0	0	1330	186	80	10	6	0.05	0.86	3
20850817	15630041	4.00	9 1-	2 ACSR 6/1	0	0	1302	185	24	3	2	0.00	0.87	0
20850818	20850817	4.04	5 1-	2 ACSR 6/1	0	0	1286	185	12	1	1	0.00	0.87	0
20850816	15630041	3.96	15 1-	2 ACSR 6/1	0	0	1321	186	56	7	4	0.00	0.87	0
20850819	20850816	4.04	14 1-	2 ACSR 6/1	0	0	1286	185	51	6	4	0.02	0.88	0
20850822	20850819	4.10	5 1-	2 ACSR 6/1	0	0	1263	185	15	1	1	0.00	0.88	0
20850824	20850822	4.19	2 1-	2 ACSR 6/1	0	0	1230	184	8	1	1	0.00	0.89	0
20850826	20850824	4.25	1 1-	2 ACSR 6/1	0	0	1207	183	3	0	0	0.00	0.89	0
20850825	20850824	4.26	0 1-	2 ACSR 6/1	0	0	1202	183	0	0	0	0.00	0.89	0
20850823	20850822	4.16	1 1-	2 ACSR 6/1	0	0	1241	184	0	0	0	0.00	0.88	0
20850821	20850819	4.10	6 1-	2 ACSR 6/1	0	0	1264	185	23	2	2	0.00	0.89	0
20851139	20850821	4.14	5 1-	2 ACSR 6/1	0	0	1246	184	19	2	1	0.00	0.89	0
20851187	20851139	4.21	2 1-	2 ACSR 6/1	0	0	1221	184	10	1	1	0.00	0.89	0
20851188	20851187	4.24	2 1-	2 ACSR 6/1	0	0	1209	183	10	1	1	0.00	0.89	0
15630050	20851188	4.28	1 1-	15 KV 2 URD XLP	0	0	1198	426	4	0	0	0.00	0.89	0
20851189	20851188	4.31	1 1-	2 ACSR 6/1	0	0	1185	183	6	0	0	0.00	0.89	0
20851140	20851139	4.25	2 1-	2 ACSR 6/1	0	0	1205	183	5	0	0	0.00	0.89	0
20851141	20851140	4.45	1 1-	2 ACSR 6/1	0	0	1136	182	2	0	0	0.00	0.89	0
20850820	20850819	4.10	2 1-	2 ACSR 6/1	0	0	1262	185	9	1	1	0.00	0.88	0
15630048	15630040	4.11	42 3-	336 ACSR 18/1	1831	1672	1313	186	119	5	1	0.03	0.66	2
15730002	15630048	4.21	40 3-	336 ACSR 18/1	1801	1644	1289	186	109	4	1	0.01	0.66	0
20851313	15730002	4.25	2 1-	2 ACSR 6/1	0	0	1271	186	4	0	0	0.00	0.78	0
15630043	15730002	4.27	38 3-	336 ACSR 18/1	1783	1627	1273	186	105	4	1	0.01	0.66	0
20851191	15630043	4.29	37 3-	336 ACSR 18/1	1777	1621	1269	186	104	4	1	0.00	0.66	0
20851192	20851191	4.34	36 3-	336 ACSR 18/1	1763	1608	1258	186	101	4	1	0.00	0.66	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15630046	20851192	4.37	36 3-	336 ACSR 18/1	1755	1601	1251	186	101	4	1	0.00	0.66	0
15630047	15630046	4.52	1 1-	2 ACSR 6/1	0	0	1196	185	3	0	0	0.00	0.42	0
15630052	15630046	4.50	35 3-	336 ACSR 18/1	1719	1567	1222	185	97	4	1	0.01	0.67	0
15630053	15630052	4.55	34 3-	336 ACSR 18/1	1707	1555	1212	185	92	3	1	0.00	0.67	0
15630042	15630053	4.64	32 3-	336 ACSR 18/1	1684	1533	1193	185	85	3	1	0.01	0.67	0
D15-62-P024	15630042	4.64	27 1-	RBC-50-H	0	0	1193	185	73	9	19	0.00	0.82	0
15620107	D15-62-P024	4.65	27 1-	2 ACSR 6/1	0	0	1190	185	73	9	5	0.00	0.82	0
15620074	15620107	4.66	25 1-	2 ACSR 6/1	0	0	1185	185	71	9	5	0.00	0.83	0
20850495	15620074	4.76	9 1-	2 ACSR 6/1	0	0	1154	184	21	2	1	0.01	0.83	0
15630064	20850495	4.77	2 1-	2 ACSR 6/1	0	0	1149	184	4	0	0	0.00	0.83	0
15630065	15630064	4.81	2 1-	15 KV 2 URD XLP	0	0	1139	427	4	0	0	0.00	0.83	0
20850496	20850495	4.87	7 1-	2 ACSR 6/1	0	0	1119	183	17	2	1	0.01	0.84	0
15630066	20850496	4.93	2 1-	2 ACSR 6/1	0	0	1102	183	7	0	1	0.00	0.84	0
15630068	15630066	5.19	1 1-	2 ACSR 6/1	0	0	1029	181	3	0	0	0.00	0.84	0
15620106	15630068	5.26	1 1-	15 KV 2 URD XLP	0	0	1012	407	3	0	0	0.00	0.84	0
15630067	15630066	5.00	1 1-	2 ACSR 6/1	0	0	1080	182	4	0	0	0.00	0.84	0
20850334	20850496	4.92	3 1-	2 ACSR 6/1	0	0	1105	183	5	0	0	0.00	0.84	0
20850335	20850334	4.97	2 1-	2 ACSR 6/1	0	0	1089	183	5	0	0	0.00	0.84	0
20850327	20850335	5.03	1 1-	2 ACSR 6/1	0	0	1073	182	4	0	0	0.00	0.84	0
20850328	20850327	5.08	1 1-	2 ACSR 6/1	0	0	1058	182	4	0	0	0.00	0.84	0
15620061	15620074	4.76	16 1-	2 ACSR 6/1	0	0	1153	184	50	6	4	0.02	0.84	0
15620062	15620061	4.93	15 1-	2 ACSR 6/1	0	0	1102	183	48	6	3	0.03	0.87	1
15620063	15620062	4.99	15 1-	2 ACSR 6/1	0	0	1083	182	48	6	3	0.01	0.88	0
15620053	15620063	5.05	14 1-	2 ACSR 6/1	0	0	1067	182	41	5	3	0.01	0.89	0
15620052	15620053	5.10	0 1-	2 ACSR 6/1	0	0	1053	182	0	0	0	0.00	0.89	0
15620051	15620053	5.09	14 1-	2 ACSR 6/1	0	0	1054	182	41	5	3	0.01	0.90	0
15620060	15620051	5.20	13 1-	2 ACSR 6/1	0	0	1025	181	41	5	3	0.02	0.91	0
15620087	15620060	5.23	12 1-	2 ACSR 6/1	0	0	1018	181	41	5	3	0.00	0.92	0
15620086	15620087	5.36	0 1-	2 ACSR 6/1	0	0	986	180	0	0	0	0.00	0.92	0
15620085	15620087	5.29	11 1-	2 ACSR 6/1	0	0	1003	180	37	4	3	0.01	0.93	0
15620089	15620085	5.35	9 1-	2 ACSR 6/1	0	0	988	180	32	4	2	0.01	0.93	0
15620088	15620089	5.40	8 1-	2 ACSR 6/1	0	0	974	179	25	3	2	0.01	0.94	0
15620069	15620088	5.59	1 1-	2 ACSR 6/1	0	0	931	178	3	0	0	0.00	0.94	0
15620046	15620088	5.51	6 1-	2 ACSR 6/1	0	0	948	178	18	2	1	0.01	0.94	0
15620047	15620046	5.60	2 1-	2 ACSR 6/1	0	0	929	178	6	0	0	0.00	0.95	0
15620073	15620047	5.65	1 1-	2 ACSR 6/1	0	0	917	177	6	0	0	0.00	0.95	0
15620071	15620047	5.68	1 1-	2 ACSR 6/1	0	0	911	177	0	0	0	0.00	0.95	0
15620072	15620071	5.70	0 1-	2 ACSR 6/1	0	0	908	177	0	0	0	0.00	0.95	0
15-62-P037-B	15620072	5.70	0 1-	Open	0	0	908	177	0	0	0	0.00	0.95	0
15620044	15620046	5.58	4 1-	2 ACSR 6/1	0	0	933	178	12	1	1	0.00	0.95	0
15620080	15620044	5.64	0 1-	2 ACSR 6/1	0	0	921	177	0	0	0	0.00	0.95	0
15620045	15620044	5.68	4 1-	2 ACSR 6/1	0	0	911	177	12	1	1	0.00	0.95	0
15620083	15620045	5.76	1 1-	2 ACSR 6/1	0	0	894	177	7	0	0	0.00	0.95	0
15620077	15620045	5.71	3 1-	2 ACSR 6/1	0	0	906	177	5	0	0	0.00	0.95	0
15620084	15620077	5.75	1 1-	2 ACSR 6/1	0	0	897	177	2	0	0	0.00	0.95	0
15620079	15620088	5.48	1 1-	2 ACSR 6/1	0	0	957	179	4	0	0	0.00	0.94	0
15620054	15630042	4.67	5 3-	336 ACSR 18/1	1677	1526	1187	185	11	0	0	0.00	0.67	0
15620055	15620054	4.71	4 3-	336 ACSR 18/1	1667	1518	1180	185	8	0	0	0.00	0.67	0
15620038	15620055	4.76	3 3-	336 ACSR 18/1	1653	1505	1168	185	5	0	0	0.00	0.67	0
15620058	15620038	4.80	2 3-	336 ACSR 18/1	1644	1495	1161	185	2	0	0	0.00	0.67	0
15620059	15620058	4.86	1 3-	336 ACSR 18/1	1630	1483	1150	185	1	0	0	0.00	0.67	0
15620049	15620059	5.07	0 3-	336 ACSR 18/1	1580	1436	1110	184	0	0	0	0.00	0.67	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15620111	15620049	5.20	0 1-	2 ACSR 6/1	0	0	1072	183	0	0	0	0.00	0.82	0
15620110	15620049	5.24	0 3-	336 ACSR 18/1	1542	1400	1080	184	0	0	0	0.00	0.67	0
15720035	15620110	5.32	0 3-	336 ACSR 18/1	1527	1386	1068	184	0	0	0	0.00	0.67	0
15-72-P184-B	15720035	5.32	0 3-	Open	1527	1386	1068	184	0	0	0	0.00	0.67	0
15620064	15620059	4.89	1 1-	2 ACSR 6/1	0	0	1140	184	1	0	0	0.00	0.82	0
15620057	15620038	4.80	1 1-	2 ACSR 6/1	0	0	1157	185	2	0	0	0.00	0.43	0
15620056	15620055	4.79	1 1-	2 ACSR 6/1	0	0	1152	184	4	0	0	0.00	0.43	0
15630049	15630053	4.61	1 1-	2 ACSR 6/1	0	0	1191	185	6	0	0	0.00	0.81	0
15630054	15630053	4.59	1 1-	2 ACSR 6/1	0	0	1198	185	1	0	0	0.00	0.81	0
20851190	15630043	4.31	1 1-	2 ACSR 6/1	0	0	1261	186	0	0	0	0.00	0.41	0
15730001	15630048	4.19	0 1-	2 ACSR 6/1	0	0	1282	186	0	0	0	0.00	0.77	0
D15-63-P081	20850606	3.54	129 3-	REC-50-H	2021	1853	1473	188	492	20	42	0.00	0.64	0
20850719	D15-63-P081	3.55	129 3-	2 ACSR 6/1	2011	1842	1465	188	492	20	12	0.00	0.64	3
20850720	20850719	3.81	126 3-	2 ACSR 6/1	1852	1683	1343	186	481	20	11	0.08	0.77	52
20850607	20850720	3.84	125 3-	2 ACSR 6/1	1835	1666	1330	185	474	20	11	0.01	0.78	6
20850718	20850607	3.93	1 1-	2 ACSR 6/1	0	0	1291	185	10	1	1	0.00	1.02	0
20850608	20850607	3.89	123 3-	2 ACSR 6/1	1807	1638	1310	185	451	19	11	0.01	0.81	8
15630062	20850608	3.91	1 1-	2 ACSR 6/1	0	0	1302	185	2	0	0	0.00	0.81	0
15630063	15630062	4.02	1 1-	2 ACSR 6/1	0	0	1258	184	2	0	0	0.00	0.81	0
20850609	20850608	3.97	122 3-	2 ACSR 6/1	1761	1593	1275	184	449	19	11	0.02	0.84	14
20850721	20850609	4.12	118 3-	2 ACSR 6/1	1685	1519	1219	183	424	17	10	0.03	0.91	23
20850922	20850721	4.17	3 1-	2 ACSR 6/1	0	0	1200	183	4	0	0	0.00	0.87	0
20850815	20850922	4.23	1 1-	2 ACSR 6/1	0	0	1178	182	1	0	0	0.00	0.87	0
20850749	20850922	4.21	1 1-	2 ACSR 6/1	0	0	1184	182	1	0	0	0.00	0.87	0
20850723	20850721	4.19	114 3-	2 ACSR 6/1	1648	1483	1192	183	414	17	10	0.02	0.94	11
20850747	20850723	4.23	113 3-	2 ACSR 6/1	1631	1466	1179	182	412	17	10	0.01	0.95	5
20850748	20850747	4.30	110 3-	2 ACSR 6/1	1598	1435	1156	182	400	16	9	0.01	0.98	10
20852150	20850748	4.37	106 3-	2 ACSR 6/1	1565	1402	1131	181	380	16	9	0.01	1.01	10
15530032	20852150	4.43	102 3-	2 ACSR 6/1	1537	1376	1111	181	372	15	9	0.01	1.03	8
20852155	15530032	4.50	100 3-	2 ACSR 6/1	1506	1345	1089	180	359	15	8	0.01	1.06	9
15530047	20852155	4.60	2 1-	2 ACSR 6/1	0	0	1061	180	2	0	0	0.00	0.85	0
15530055	20852155	4.59	96 3-	2 ACSR 6/1	1470	1311	1063	180	353	14	8	0.01	1.09	10
15530049	15530055	4.65	6 1-	2 ACSR 6/1	0	0	1045	179	24	3	2	0.00	0.90	0
D15-53-P001	15530049	4.65	5 1-	REC-50-L	0	0	1045	179	18	2	5	0.00	0.90	0
15530060	D15-53-P001	4.82	5 1-	2 ACSR 6/1	0	0	1000	178	18	2	1	0.01	0.90	0
20851534	15530060	4.87	2 1-	2 ACSR 6/1	0	0	987	178	5	0	0	0.00	0.90	0
20851533	15530060	4.86	1 1-	2 ACSR 6/1	0	0	990	178	3	0	0	0.00	0.90	0
15530048	15530055	4.62	2 1-	2 ACSR 6/1	0	0	1055	179	5	0	0	0.00	0.94	0
15530033	15530055	4.78	88 3-	2 ACSR 6/1	1396	1242	1010	178	323	13	8	0.02	1.15	19
15520045	15530033	4.84	1 1-	2 ACSR 6/1	0	0	994	178	0	0	0	0.00	0.96	0
15520024	15530033	4.81	87 3-	2 ACSR 6/1	1383	1229	1001	178	323	13	8	0.00	1.16	4
15520032	15520024	4.88	78 3-	2 ACSR 6/1	1359	1206	983	177	296	12	7	0.01	1.18	6
15520033	15520032	4.99	77 3-	2 ACSR 6/1	1323	1172	958	177	294	12	7	0.01	1.21	8
15520034	15520033	5.04	75 3-	2 ACSR 6/1	1303	1154	944	176	291	12	7	0.01	1.23	5
20851894	15520034	5.11	74 3-	2 ACSR 6/1	1281	1133	928	176	289	12	7	0.01	1.25	5
20851895	20851894	5.21	73 3-	2 ACSR 6/1	1251	1106	907	175	284	12	7	0.01	1.28	7
20851774	20851895	5.26	1 1-	2 ACSR 6/1	0	0	896	175	7	0	0	0.00	1.14	0
20851801	20851895	5.36	71 3-	2 ACSR 6/1	1205	1063	874	174	275	11	7	0.01	1.32	11
20851802	20851801	5.46	70 3-	2 ACSR 6/1	1178	1038	856	173	264	11	6	0.01	1.35	6
15520037	20851802	5.52	64 3-	2 ACSR 6/1	1161	1022	843	173	251	10	6	0.00	1.36	4
20851786	15520037	5.54	63 3-	2 ACSR 6/1	1156	1017	839	173	250	10	6	0.00	1.37	1
D15-52-P078	20851786	5.54	16 1-	SEC-50-GH	0	0	839	173	64	8	0	0.00	1.81	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15520039	D15-52-P078	5.60	5 1-	2 ACSR 6/1	0	0	828	172	18	2	1	0.00	1.81	0
15520040	15520039	5.67	3 1-	2 ACSR 6/1	0	0	816	172	10	1	1	0.00	1.81	0
15520038	15520040	5.72	1 1-	2 ACSR 6/1	0	0	807	171	7	0	0	0.00	1.81	0
15520026	D15-52-P078	5.68	11 1-	2 ACSR 6/1	0	0	813	172	46	5	3	0.02	1.83	0
15520027	15520026	5.79	11 1-	2 ACSR 6/1	0	0	795	171	46	5	3	0.02	1.85	0
15520029	15520027	5.94	8 1-	2 ACSR 6/1	0	0	770	170	32	4	2	0.02	1.87	0
15520030	15520029	5.98	1 1-	2 ACSR 6/1	0	0	764	170	2	0	0	0.00	1.87	0
15520031	15520030	6.12	0 1-	2 ACSR 6/1	0	0	742	169	0	0	0	0.00	1.87	0
15520041	15520029	6.18	7 1-	2 ACSR 6/1	0	0	733	168	30	3	2	0.02	1.89	0
15520043	15520041	6.29	6 1-	2 ACSR 6/1	0	0	718	168	26	3	2	0.01	1.90	0
15520044	15520043	6.31	1 1-	2 ACSR 6/1	0	0	715	167	4	0	0	0.00	1.90	0
20852314	15520043	6.46	5 1-	2 ACSR 6/1	0	0	695	166	21	2	2	0.01	1.91	0
20852313	20852314	6.53	4 1-	2 ACSR 6/1	0	0	686	166	18	2	1	0.00	1.92	0
15520042	20852313	6.62	3 1-	2 ACSR 6/1	0	0	674	165	15	1	1	0.00	1.92	0
15620081	15520042	6.72	2 1-	2 ACSR 6/1	0	0	662	165	11	1	1	0.00	1.92	0
15620082	15620081	6.76	1 1-	2 ACSR 6/1	0	0	658	164	5	0	0	0.00	1.93	0
15620040	15520042	6.74	1 1-	2 ACSR 6/1	0	0	660	165	4	0	0	0.00	1.92	0
15620070	15620040	6.85	1 1-	15 KV 2 URD XLP	0	0	647	327	4	0	0	0.00	1.92	0
15620108	15620040	6.76	0 1-	2 ACSR 6/1	0	0	657	164	0	0	0	0.00	1.92	0
15-62-P037-A	15620108	6.76	0 1-	Open	0	0	657	164	0	0	0	0.00	1.92	0
15520028	15520027	5.86	2 1-	2 ACSR 6/1	0	0	783	170	7	0	1	0.00	1.85	0
15520048	20851786	5.58	45 3-	2 ACSR 6/1	1144	1006	831	172	180	7	4	0.00	1.38	2
20851400	15520048	5.65	44 3-	2 ACSR 6/1	1127	991	820	172	171	7	4	0.00	1.39	3
20851401	20851400	5.75	26 1-	2 ACSR 6/1	0	0	801	171	129	16	9	0.05	1.38	5
20851692	20851401	5.84	23 1-	2 ACSR 6/1	0	0	786	171	111	14	8	0.04	1.41	3
20851693	20851692	5.92	22 1-	2 ACSR 6/1	0	0	774	170	110	14	8	0.03	1.44	3
20851069	20851693	5.94	19 1-	2 ACSR 6/1	0	0	771	170	103	13	7	0.01	1.45	0
20851070	20851069	5.97	17 1-	2 ACSR 6/1	0	0	766	170	93	11	7	0.01	1.46	0
20851071	20851070	6.01	6 1-	2 ACSR 6/1	0	0	759	169	43	5	3	0.01	1.47	0
20851444	20851071	6.07	4 1-	2 ACSR 6/1	0	0	750	169	29	3	2	0.01	1.47	0
20851411	20851444	6.11	3 1-	2 ACSR 6/1	0	0	744	169	23	2	2	0.00	1.47	0
15420023	20851411	6.21	1 1-	2 ACSR 6/1	0	0	730	168	7	0	1	0.00	1.47	0
20851502	20851070	6.08	11 1-	2 ACSR 6/1	0	0	749	169	50	6	4	0.02	1.48	0
20851503	20851502	6.11	10 1-	2 ACSR 6/1	0	0	744	169	44	5	3	0.01	1.48	0
20851417	20851503	6.20	5 1-	2 ACSR 6/1	0	0	730	168	25	3	2	0.01	1.49	0
15420022	20851417	6.26	2 1-	2 ACSR 6/1	0	0	722	168	13	1	1	0.00	1.49	0
15520036	15420022	6.30	1 1-	2 ACSR 6/1	0	0	716	167	4	0	0	0.00	1.49	0
20851412	20851503	6.17	5 1-	2 ACSR 6/1	0	0	735	168	19	2	1	0.00	1.49	0
20851413	20851412	6.27	4 1-	2 ACSR 6/1	0	0	720	168	13	1	1	0.00	1.49	0
20851414	20851413	6.37	2 1-	2 ACSR 6/1	0	0	706	167	6	0	0	0.00	1.49	0
20851415	20851414	6.52	1 1-	2 ACSR 6/1	0	0	687	166	2	0	0	0.00	1.49	0
20851416	20851415	6.59	1 1-	2 ACSR 6/1	0	0	678	166	2	0	0	0.00	1.49	0
20851501	20851414	6.45	1 1-	2 ACSR 6/1	0	0	696	166	4	0	0	0.00	1.49	0
20851068	20851693	6.09	2 1-	2 ACSR 6/1	0	0	747	169	6	0	0	0.00	1.44	0
20851623	20851401	5.80	2 1-	2 ACSR 6/1	0	0	792	171	11	1	1	0.00	1.38	0
20851399	20851400	5.70	17 1-	2 ACSR 6/1	0	0	810	172	37	4	3	0.01	1.03	0
20851097	20851399	5.74	6 1-	2 ACSR 6/1	0	0	803	171	8	1	1	0.00	1.03	0
20851504	20851097	5.79	5 1-	2 ACSR 6/1	0	0	794	171	7	0	0	0.00	1.03	0
20851505	20851504	5.85	2 1-	2 ACSR 6/1	0	0	785	171	3	0	0	0.00	1.03	0
20850987	20851399	5.74	9 1-	2 ACSR 6/1	0	0	803	171	22	2	2	0.00	1.03	0
20850988	20850987	5.82	6 1-	2 ACSR 6/1	0	0	790	171	13	1	1	0.00	1.03	0
20851062	20850988	5.90	4 1-	2 ACSR 6/1	0	0	776	170	12	1	1	0.00	1.04	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851063	20851062	6.02	4 1-	2 ACSR 6/1	0	0	758	169	12	1	1	0.00	1.04	0
20851066	20851063	6.09	1 1-	2 ACSR 6/1	0	0	747	169	2	0	0	0.00	1.04	0
20851067	20851066	6.14	0 1-	2 ACSR 6/1	0	0	740	169	0	0	0	0.00	1.04	0
20851065	20851063	6.08	1 1-	2 ACSR 6/1	0	0	749	169	0	0	0	0.00	1.04	0
20851064	20851063	6.07	1 1-	2 ACSR 6/1	0	0	750	169	3	0	0	0.00	1.04	0
20851061	20850988	5.85	2 1-	2 ACSR 6/1	0	0	785	171	2	0	0	0.00	1.03	0
20851803	20851802	5.52	6 1-	2 ACSR 6/1	0	0	844	173	13	1	1	0.00	1.02	0
20851785	20851803	5.67	4 1-	2 ACSR 6/1	0	0	815	172	9	1	1	0.00	1.02	0
20851784	20851785	6.02	1 1-	2 ACSR 6/1	0	0	757	169	2	0	0	0.00	1.03	0
20851783	20851785	5.72	2 1-	2 ACSR 6/1	0	0	807	171	3	0	0	0.00	1.02	0
20851741	20851895	5.29	1 1-	2 ACSR 6/1	0	0	889	174	2	0	0	0.00	1.00	0
15520035	15520034	5.13	1 1-	2 ACSR 6/1	0	0	925	176	2	0	0	0.00	1.07	0
20851773	15520034	5.10	0 1-	2 ACSR 6/1	0	0	931	176	0	0	0	0.00	0.98	0
15520025	15520024	4.88	9 1-	2 ACSR 6/1	0	0	984	177	27	3	2	0.01	1.55	0
20851902	15520025	4.95	6 1-	2 ACSR 6/1	0	0	965	177	15	1	1	0.00	1.56	0
20851903	20851902	5.01	6 1-	2 ACSR 6/1	0	0	952	176	15	1	1	0.00	1.56	0
20851697	20851903	5.06	5 1-	2 ACSR 6/1	0	0	940	176	12	1	1	0.00	1.56	0
20851904	20851697	5.16	3 1-	2 ACSR 6/1	0	0	918	175	8	1	1	0.00	1.56	0
15520046	20851904	5.23	1 1-	2 ACSR 6/1	0	0	901	175	3	0	0	0.00	1.56	0
20851772	20851903	5.07	1 1-	2 ACSR 6/1	0	0	939	176	3	0	0	0.00	1.56	0
20851565	15520025	4.90	2 1-	2 ACSR 6/1	0	0	979	177	11	1	1	0.00	1.55	0
20851566	20851565	4.92	1 1-	2 ACSR 6/1	0	0	973	177	5	0	0	0.00	1.55	0
20851564	15520025	4.92	1 1-	2 ACSR 6/1	0	0	974	177	1	0	0	0.00	1.55	0
20852154	15530032	4.51	2 1-	2 ACSR 6/1	0	0	1087	180	13	1	1	0.00	0.93	0
15530029	20852150	4.47	4 1-	2 ACSR 6/1	0	0	1100	181	8	0	1	0.00	1.33	0
20852153	15530029	4.66	2 1-	2 ACSR 6/1	0	0	1042	179	4	0	0	0.00	1.33	0
20852322	20852153	4.75	1 1-	2 ACSR 6/1	0	0	1017	178	3	0	0	0.00	1.33	0
20852323	20852322	4.81	1 1-	2 ACSR 6/1	0	0	1003	178	3	0	0	0.00	1.33	0
15530030	20852322	5.06	0 1-	2 ACSR 6/1	0	0	940	176	0	0	0	0.00	1.33	0
20852152	15530029	4.53	0 1-	2 ACSR 6/1	0	0	1082	180	0	0	0	0.00	1.33	0
20852151	15530029	4.51	2 1-	2 ACSR 6/1	0	0	1087	180	3	0	0	0.00	1.33	0
20852149	20850748	4.33	3 1-	2 ACSR 6/1	0	0	1144	182	14	1	1	0.00	0.91	0
20852148	20852149	4.43	2 1-	2 ACSR 6/1	0	0	1110	181	6	0	0	0.00	0.91	0
20850722	20850721	4.24	1 1-	2 ACSR 6/1	0	0	1174	182	5	0	0	0.00	0.67	0
20850610	20850609	4.04	3 1-	2 ACSR 6/1	0	0	1248	184	16	2	1	0.00	0.84	0
20850534	20850610	4.11	1 1-	2 ACSR 6/1	0	0	1223	183	4	0	0	0.00	0.84	0
15630044	20850602	3.46	0 1-	2 ACSR 6/1	0	0	1475	187	0	0	0	0.00	0.67	0
20850332	20850330	3.30	6 1-	2 ACSR 6/1	0	0	1529	188	17	2	1	0.01	0.67	0
20850515	20850332	3.46	5 1-	2 ACSR 6/1	0	0	1444	186	11	1	1	0.01	0.67	0
20850517	20850515	3.54	3 1-	2 ACSR 6/1	0	0	1404	186	8	0	1	0.00	0.67	0
20850516	20850515	3.54	1 1-	2 ACSR 6/1	0	0	1403	186	2	0	0	0.00	0.67	0
20850497	20850516	3.60	0 1-	2 ACSR 6/1	0	0	1378	185	0	0	0	0.00	0.67	0
20850331	20850330	3.27	2 1-	2 ACSR 6/1	0	0	1549	188	7	0	1	0.00	0.40	0
20851193	20850331	3.37	1 1-	2 ACSR 6/1	0	0	1493	187	2	0	0	0.00	0.40	0
15430004	20851913	1.69	30 1-	2 ACSR 6/1	0	0	2401	192	120	15	8	0.02	0.61	2
D15-43-P027	15430004	1.69	29 1-	REC-50-L	0	0	2401	192	115	14	29	0.00	0.61	0
20851707	D15-43-P027	1.74	29 1-	2 ACSR 6/1	0	0	2345	191	115	14	8	0.02	0.63	2
20851708	20851707	1.86	27 1-	2 ACSR 6/1	0	0	2194	190	106	13	7	0.05	0.68	4
20851715	20851708	1.93	1 1-	2 ACSR 6/1	0	0	2118	190	8	0	1	0.00	0.68	0
20851576	20851708	1.95	24 1-	2 ACSR 6/1	0	0	2096	190	93	11	7	0.03	0.71	2
20851718	20851576	1.99	2 1-	2 ACSR 6/1	0	0	2051	189	12	1	1	0.00	0.71	0
20851577	20851576	2.13	21 1-	2 ACSR 6/1	0	0	1923	188	78	9	5	0.05	0.76	3

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 26	CMBRLLDFALLS(26)	1628			4851	4896	5284	195	10635						
SUB 26,	CKT 1														
	BK2601	CMBRLLDFALLS(26)	0.00	513 3-	BK2601	4851	4896	5284	195	3152	131 63	0.00	0.00	0	
	14070027	BK2601	0.05	513 3-	336 ACSR 18/1	4753	4776	5101	195	3152	131 25	0.03	0.03	89	
	14070053	14070027	0.08	1 1-	2 ACSR 6/1	0	0	4932	195	11	1	0.00	0.06	0	
	14070051	14070027	0.12	512 3-	336 ACSR 18/1	4614	4608	4849	195	3140	130 25	0.05	0.07	132	
	14070052	14070051	0.15	2 1-	2 ACSR 6/1	0	0	4706	195	14	1	0.00	0.15	0	
	14070087	14070052	0.26	1 1-	2 ACSR 6/1	0	0	4224	194	7	0	0.00	0.15	0	
	14070050	14070051	0.18	508 3-	336 ACSR 18/1	4505	4479	4661	195	3115	129 25	0.04	0.11	106	
	14070088	14070050	0.20	123 2-	2 ACSR 6/1	0	4620	4588	195	705	44 25	0.01	0.19	11	
	14070089	14070088	0.23	121 2-	2 ACSR 6/1	0	4495	4462	195	689	43 24	0.01	0.22	19	
	14070086	14070089	0.28	120 2-	2 ACSR 6/1	0	4261	4217	194	679	42 24	0.02	0.28	38	
	14070028	14070086	0.40	119 2-	2 ACSR 6/1	0	3875	3798	193	671	42 23	0.05	0.39	72	
	D14-07-P033	14070028	0.40	119 2-	REC-70-L	0	3875	3798	193	671	42 60	0.00	0.39	0	
	14070030	D14-07-P033	0.45	119 2-	2 ACSR 6/1	0	3715	3620	193	671	42 23	0.02	0.45	34	
	14070031	14070030	0.49	3 1-	2 ACSR 6/1	0	0	3515	192	20	2 1	0.00	0.23	0	
	14070069	14070031	0.54	2 1-	2 ACSR 6/1	0	0	3375	192	14	1 1	0.00	0.23	0	
	14070070	14070069	0.60	1 1-	2 ACSR 6/1	0	0	3198	192	11	1 1	0.00	0.23	0	
	14070029	14070030	0.68	116 2-	2 ACSR 6/1	0	3165	3004	191	651	40 23	0.08	0.67	140	
	14180036	14070029	0.90	2 1-	2 ACSR 6/1	0	0	2575	189	0	0	0.00	1.03	0	
	14170040	14180036	0.98	1 1-	15 KV 2 URD XLP	0	0	2442	467	0	0	0.00	1.03	0	
	14180021	14070029	0.73	110 2-	2 ACSR 6/1	0	3068	2895	191	620	39 22	0.01	0.71	28	
	14180022	14180021	0.80	108 2-	2 ACSR 6/1	0	2939	2753	190	611	38 21	0.02	0.77	39	
	14180020	14180022	0.87	107 2-	2 ACSR 6/1	0	2819	2621	189	602	38 21	0.01	0.84	39	
	14180027	14180020	0.94	105 2-	2 ACSR 6/1	0	2711	2505	189	595	37 21	0.01	0.89	37	
	14180028	14180027	0.99	104 2-	2 ACSR 6/1	0	2631	2418	188	588	37 21	0.01	0.94	28	
	14180012	14180028	1.02	102 2-	2 ACSR 6/1	0	2587	2371	188	581	36 20	0.01	0.97	16	
	14180017	14180012	1.07	100 2-	2 ACSR 6/1	0	2526	2307	188	566	35 20	0.01	1.00	21	
	14180019	14180017	1.10	97 2-	2 ACSR 6/1	0	2486	2264	188	546	34 19	0.01	1.03	14	
	14180016	14180019	1.17	2 1-	2 ACSR 6/1	0	0	2165	187	18	2 1	0.00	0.40	0	
	14180014	14180016	1.23	1 1-	2 ACSR 6/1	0	0	2099	187	8	0	0.00	0.40	0	
	14180015	14180019	1.21	94 2-	2 ACSR 6/1	0	2346	2118	187	521	33 18	0.01	1.11	50	
	14180033	14180015	1.24	1 1-	2 ACSR 6/1	0	0	2085	187	8	0	0.00	0.41	0	
	14180007	14180015	1.33	93 2-	2 ACSR 6/1	0	2216	1984	186	512	32 18	0.01	1.20	51	
	14180031	14180007	1.48	91 2-	2 ACSR 6/1	0	2075	1841	185	498	31 18	0.00	1.30	61	
	14180029	14180031	1.54	1 1-	2 ACSR 6/1	0	0	1781	184	7	0	0.00	2.19	0	
	14180011	14180031	1.65	89 2-	2 ACSR 6/1	0	1924	1692	183	483	30 17	0.01	1.42	69	
	14280018	14180011	1.69	88 2-	2 ACSR 6/1	0	1893	1661	183	475	30 17	0.00	1.45	16	
	14280021	14280018	1.77	87 2-	2 ACSR 6/1	0	1833	1602	183	471	30 17	0.00	1.50	31	
	14280022	14280021	1.99	1 2-	2 ACSR 6/1	0	1690	1464	181	5	0	0.00	1.51	0	
	14280030	14280022	2.02	1 2-	2 ACSR 6/1	0	1667	1442	181	5	0	0.00	1.51	0	
	14280013	14280021	1.99	86 2-	2 ACSR 6/1	0	1687	1461	181	466	29 17	0.01	1.65	82	
	14280026	14280013	2.04	2 1-	2 ACSR 6/1	0	0	1432	181	13	1 1	0.00	0.44	0	
	14280015	14280013	2.26	84 2-	2 ACSR 6/1	0	1535	1317	179	453	28 16	0.00	1.82	100	
	14280016	14280015	2.39	82 2-	2 ACSR 6/1	0	1470	1257	178	444	28 16	-0.01	1.90	48	
	14280024	14280016	2.42	3 1-	2 ACSR 6/1	0	0	1245	178	8	0	1	0.00	3.38	0
	14280025	14280024	2.45	2 1-	2 ACSR 6/1	0	0	1231	178	6	0	0.00	3.38	0	
	14280031	14280016	2.46	2 1-	2 ACSR 6/1	0	0	1231	178	1	0	0.00	0.42	0	
	14280017	14280016	2.60	77 2-	2 ACSR 6/1	0	1379	1173	176	435	27 16	-0.01	2.03	72	
	14280029	14280017	2.70	3 1-	2 ACSR 6/1	0	0	1135	176	10	1 1	0.00	0.42	0	
	14280033	14280029	2.76	1 1-	2 ACSR 6/1	0	0	1115	175	6	0	0.00	0.42	0	
	14280014	14280017	2.72	74 2-	2 ACSR 6/1	0	1330	1128	176	424	27 15	-0.01	2.10	43	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14180035	14280014	3.02	1 1-	2 ACSR 6/1	0	0	1032	174	7	0	0	0.00	0.41	0
14180009	14280014	2.92	67 2-	2 ACSR 6/1	0	1258	1063	174	388	24	14	-0.01	2.21	57
D14-19-P009	14180009	2.92	13 1-	REC-35-H	0	0	1063	174	71	9	26	0.00	4.02	0
14190013	D14-19-P009	2.97	13 1-	2 ACSR 6/1	0	0	1046	174	71	9	5	0.01	4.03	0
14190012	14190013	3.02	2 1-	2 ACSR 6/1	0	0	1033	174	8	1	1	0.00	4.03	0
14190006	14190013	3.05	4 1-	2 ACSR 6/1	0	0	1023	173	26	3	2	0.01	4.04	0
14190007	14190006	3.16	2 1-	2 ACSR 6/1	0	0	993	173	17	2	1	0.01	4.04	0
14180034	14190007	3.22	1 1-	2 ACSR 6/1	0	0	977	172	2	0	0	0.00	4.04	0
14180010	14190007	3.53	1 1-	2 ACSR 6/1	0	0	901	170	15	1	1	0.01	4.05	0
14190011	14190013	3.07	3 1-	2 ACSR 6/1	0	0	1016	173	20	2	1	0.01	4.04	0
14190009	14190011	3.23	1 1-	2 ACSR 6/1	0	0	974	172	5	0	0	0.00	4.04	0
14190008	14190011	3.17	1 1-	2 ACSR 6/1	0	0	990	173	7	0	1	0.00	4.04	0
14190004	14180009	3.02	54 2-	2 ACSR 6/1	0	1224	1032	174	317	20	11	0.00	2.25	18
14190010	14190004	3.22	49 2-	2 ACSR 6/1	0	1161	976	172	301	19	11	0.00	2.34	32
14290043	14190010	3.34	1 1-	2 ACSR 6/1	0	0	945	171	12	1	1	0.00	4.28	0
14290044	14190010	3.40	47 2-	2 ACSR 6/1	0	1110	930	171	287	18	10	0.01	2.41	26
14290060	14290044	3.48	1 1-	15 KV 2 URD XLP	0	0	910	364	10	1	1	0.00	0.41	0
14290049	14290044	3.48	46 2-	2 ACSR 6/1	0	1088	911	170	277	17	10	0.00	2.45	11
14290053	14290049	3.52	44 2-	2 ACSR 6/1	0	1078	902	170	269	17	10	0.00	2.46	5
14290054	14290053	3.56	43 2-	2 ACSR 6/1	0	1069	894	170	268	17	10	0.00	2.47	5
14290048	14290054	3.65	3 1-	2 ACSR 6/1	0	0	874	169	13	1	1	0.00	0.41	0
14290042	14290054	3.66	39 2-	2 ACSR 6/1	0	1044	871	169	247	15	9	-0.01	2.51	13
14290047	14290042	3.76	37 2-	2 ACSR 6/1	0	1020	851	169	237	15	9	-0.01	2.54	12
14290024	14290047	3.81	2 1-	2 ACSR 6/1	0	0	841	168	11	1	1	0.00	0.39	0
D14-29-P023	14290024	3.81	1 1-	FUS-50	0	0	841	168	2	0	1	0.00	0.39	0
14290067	D14-29-P023	4.24	1 1-	2 ACSR 6/1	0	0	764	165	2	0	0	0.00	0.39	0
14290021	14290047	3.88	34 2-	2 ACSR 6/1	0	994	828	168	218	14	8	-0.02	2.57	14
14290023	14290021	3.95	33 2-	2 ACSR 6/1	0	977	813	167	212	13	8	-0.01	2.59	9
14290022	14290023	4.00	32 2-	2 ACSR 6/1	0	967	804	167	206	13	7	-0.01	2.61	5
14290037	14290022	4.04	0 1-	2 ACSR 6/1	0	0	797	167	0	0	0	0.00	0.34	0
14290020	14290022	4.12	31 2-	2 ACSR 6/1	0	942	783	166	193	12	7	-0.03	2.64	14
D14-29-P029	14290020	4.12	27 1-	REC-25-H	0	0	783	166	179	23	93	0.00	4.95	0
14290025	D14-29-P029	4.16	27 1-	2 ACSR 6/1	0	0	777	166	179	23	13	0.02	4.97	3
14290026	14290025	4.20	26 1-	2 ACSR 6/1	0	0	771	166	175	22	13	0.03	5.00	4
14290027	14290026	4.24	2 1-	2 ACSR 6/1	0	0	763	165	16	2	1	0.00	5.00	0
14290028	14290027	4.30	1 1-	2 ACSR 6/1	0	0	754	165	9	1	1	0.00	5.00	0
14290029	14290026	4.30	23 1-	2 ACSR 6/1	0	0	753	165	149	19	11	0.05	5.05	7
14290033	14290029	4.38	14 1-	2 ACSR 6/1	0	0	742	165	78	10	6	0.02	5.07	1
14290057	14290033	4.54	13 1-	2 ACSR 6/1	0	0	717	164	71	9	5	0.04	5.11	2
14290062	14290057	4.65	7 1-	2 ACSR 6/1	0	0	702	163	31	4	2	0.01	5.12	0
14290063	14290062	4.72	4 1-	2 ACSR 6/1	0	0	692	162	18	2	1	0.00	5.13	0
14290064	14290063	4.85	2 1-	2 ACSR 6/1	0	0	675	162	8	1	1	0.00	5.13	0
14290039	14290064	4.92	1 1-	2 ACSR 6/1	0	0	667	161	0	0	0	0.00	5.13	0
14290071	14290062	4.69	2 1-	2 ACSR 6/1	0	0	697	163	12	1	1	0.00	5.12	0
14390031	14290071	4.91	1 1-	2 ACSR 6/1	0	0	667	161	8	0	1	0.00	5.13	0
14390017	14390031	4.97	0 1-	2 ACSR 6/1	0	0	661	161	0	0	0	0.00	5.13	0
14290055	14290057	4.63	5 1-	2 ACSR 6/1	0	0	704	163	32	4	2	0.01	5.12	0
14290059	14290055	4.65	4 1-	2 ACSR 6/1	0	0	701	163	32	4	2	0.00	5.12	0
14290061	14290059	4.70	3 1-	2 ACSR 6/1	0	0	696	163	21	2	2	0.00	5.13	0
14290065	14290061	4.74	2 1-	2 ACSR 6/1	0	0	690	162	9	1	1	0.00	5.13	0
14290066	14290065	4.84	0 1-	2 ACSR 6/1	0	0	676	162	0	0	0	0.00	5.13	0
14290058	14290061	4.74	1 1-	2 ACSR 6/1	0	0	690	162	11	1	1	0.00	5.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14290031	14290029	4.33	7 1-	2 ACSR 6/1	0	0	749	165	56	7	4	0.01	5.06	0
14290038	14290031	4.37	6 1-	2 ACSR 6/1	0	0	743	165	47	6	3	0.01	5.06	0
14290034	14290038	4.41	4 1-	2 ACSR 6/1	0	0	736	164	33	4	2	0.00	5.07	0
14290035	14290034	4.52	2 1-	2 ACSR 6/1	0	0	721	164	20	2	1	0.01	5.07	0
14290056	14290035	4.70	1 1-	2 ACSR 6/1	0	0	696	163	13	1	1	0.00	5.08	0
14290030	14290029	4.35	0 1-	2 ACSR 6/1	0	0	746	165	0	0	0	0.00	5.05	0
14290036	14290020	4.16	4 2-	2 ACSR 6/1	0	935	776	166	14	0	1	0.00	2.64	0
14290032	14290036	4.32	4 2-	2 ACSR 6/1	0	906	751	165	14	0	1	0.00	2.64	0
D15-22-P001	14290032	4.32	1 1-	FUS	0	0	751	165	0	0	1	0.00	4.96	0
15220025	D15-22-P001	4.62	1 1-	2 ACSR 6/1	0	0	706	163	0	0	0	0.00	4.96	0
15220026	15220025	4.69	1 1-	2 ACSR 6/1	0	0	696	163	0	0	0	0.00	4.96	0
15220024	14290032	4.42	3 2-	2 ACSR 6/1	0	888	735	164	14	0	0	0.00	2.64	0
20850121	15220024	4.48	3 2-	2 ACSR 6/1	0	878	727	164	14	0	0	0.00	2.64	0
20850120	20850121	4.53	2 2-	2 ACSR 6/1	0	868	718	164	12	0	0	0.00	2.64	0
15220023	20850120	5.12	2 1-	2 ACSR 6/1	0	0	643	160	12	1	1	0.02	5.00	0
14390016	15220023	5.17	2 1-	2 ACSR 6/1	0	0	605	158	12	1	1	0.01	5.01	0
14390019	14390016	5.52	1 1-	2 ACSR 6/1	0	0	600	158	6	0	0	0.00	5.01	0
14390011	14390016	5.52	1 1-	2 ACSR 6/1	0	0	599	158	6	0	0	0.00	5.01	0
15220020	20850120	4.65	0 2-	2 ACSR 6/1	0	850	703	163	0	0	0	0.00	2.64	0
15-22-P016-A	15220020	4.65	0 2-	Open	0	850	703	163	0	0	0	0.00	2.64	0
14290045	14290042	3.71	1 1-	2 ACSR 6/1	0	0	861	169	9	1	1	0.00	0.40	0
14190005	14190004	3.29	5 1-	2 ACSR 6/1	0	0	957	172	16	2	1	0.02	4.12	0
14290041	14190005	3.38	1 1-	2 ACSR 6/1	0	0	935	171	2	0	0	0.00	4.13	0
14290040	14190005	3.36	1 1-	2 ACSR 6/1	0	0	939	171	6	0	0	0.00	4.13	0
14290019	14190005	3.41	3 1-	2 ACSR 6/1	0	0	927	171	8	1	1	0.00	4.13	0
14290052	14290019	3.64	2 1-	2 ACSR 6/1	0	0	876	169	2	0	0	0.00	4.13	0
14290046	14290052	3.75	1 1-	2 ACSR 6/1	0	0	853	169	0	0	0	0.00	4.13	0
14290051	14290019	3.49	1 1-	2 ACSR 6/1	0	0	910	170	6	0	0	0.00	4.13	0
14290050	14290019	3.47	0 1-	2 ACSR 6/1	0	0	913	170	0	0	0	0.00	4.13	0
14180008	14280014	2.82	6 1-	2 ACSR 6/1	0	0	1094	175	29	3	2	0.01	3.81	0
14280028	14180008	2.87	2 1-	2 ACSR 6/1	0	0	1077	175	4	0	0	0.00	3.81	0
14280027	14180008	2.85	2 1-	2 ACSR 6/1	0	0	1083	175	6	0	0	0.00	3.81	0
14280019	14180008	2.93	2 1-	2 ACSR 6/1	0	0	1060	174	18	2	1	0.00	3.81	0
14290070	14280019	2.99	1 1-	2 ACSR 6/1	0	0	1039	174	7	0	1	0.00	3.81	0
14280023	14280015	2.31	2 1-	2 ACSR 6/1	0	0	1297	179	8	0	1	0.00	0.43	0
14180030	14180007	1.43	2 1-	2 ACSR 6/1	0	0	1883	185	14	1	1	0.00	0.42	0
14180032	14180030	1.55	1 1-	2 ACSR 6/1	0	0	1772	184	6	0	0	0.00	0.42	0
14180018	14180017	1.11	1 1-	2 ACSR 6/1	0	0	2254	188	11	1	1	0.00	0.39	0
14180026	14180012	1.07	2 1-	2 ACSR 6/1	0	0	2306	188	15	1	1	0.00	1.56	0
14180013	14070029	0.72	4 1-	2 ACSR 6/1	0	0	2908	191	29	3	2	0.00	0.31	0
14180023	14180013	0.82	3 1-	2 ACSR 6/1	0	0	2724	190	23	2	2	0.01	0.32	0
14180025	14180023	0.93	1 1-	2 ACSR 6/1	0	0	2526	189	11	1	1	0.00	0.32	0
14180024	14180023	0.86	1 1-	2 ACSR 6/1	0	0	2644	190	5	0	0	0.00	0.32	0
14070064	14070050	0.23	385 3-	336 ACSR 18/1	4421	4380	4518	195	2409	100	19	0.03	0.13	50
14070075	14070064	0.29	380 3-	336 ACSR 18/1	4323	4265	4356	195	2374	99	19	0.04	0.15	58
14070076	14070075	0.35	379 3-	336 ACSR 18/1	4221	4147	4191	195	2372	98	19	0.04	0.18	63
14070083	14070076	0.40	5 1-	2 ACSR 6/1	0	0	4024	194	21	2	1	0.00	0.34	0
14070077	14070083	0.44	3 1-	2 ACSR 6/1	0	0	3881	194	14	1	1	0.00	0.34	0
14070078	14070077	0.48	3 1-	2 ACSR 6/1	0	0	3749	194	14	1	1	0.00	0.34	0
14070079	14070078	0.57	1 1-	2 ACSR 6/1	0	0	3473	193	8	0	1	0.00	0.34	0
14070080	14070078	0.52	2 1-	2 ACSR 6/1	0	0	3623	193	7	0	0	0.00	0.34	0
14070103	14070076	0.39	372 3-	336 ACSR 18/1	4158	4074	4092	195	2337	97	18	0.03	0.20	39

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14070105	14070103	0.44	2 3-	2 ACSR 6/1	4027	3932	3906	194	4	0	0	0.00	0.20	0
14070106	14070105	0.46	0 3-	2 ACSR 6/1	3988	3890	3852	194	0	0	0	0.00	0.20	0
14070104	14070103	0.43	369 3-	336 ACSR 18/1	4097	4005	3998	194	2325	97	18	0.03	0.21	39
14070082	14070104	0.53	1 1-	2 ACSR 6/1	0	0	3671	194	5	0	0	0.00	0.39	0
14070081	14070104	0.51	366 3-	336 ACSR 18/1	3985	3879	3829	194	2303	96	18	0.05	0.25	73
14070062	14070081	0.56	2 1-	2 ACSR 6/1	0	0	3670	194	11	1	1	0.00	0.43	0
14070061	14070081	0.54	3 1-	2 ACSR 6/1	0	0	3722	194	11	1	1	0.00	0.34	0
14070063	14070061	0.62	1 1-	2 ACSR 6/1	0	0	3487	193	6	0	0	0.00	0.34	0
14070040	14070081	0.57	361 3-	336 ACSR 18/1	3906	3790	3712	194	2281	95	18	0.04	0.27	54
8970025	14070040	0.59	361 3-	336 ACSR 18/1	3878	3759	3671	194	2280	95	18	0.01	0.28	19
D08-97-P013	8970025	0.59	4 1-	FUS-50	0	0	3671	194	37	4	10	0.00	0.40	0
8970037	D08-97-P013	0.65	4 1-	2 ACSR 6/1	0	0	3486	194	37	4	3	0.01	0.41	0
8970038	8970037	0.74	4 1-	2 ACSR 6/1	0	0	3261	193	37	4	3	0.01	0.41	0
8970023	8970038	0.83	2 1-	2 ACSR 6/1	0	0	3053	192	17	2	1	0.00	0.42	0
8970024	8970025	0.68	355 3-	336 ACSR 18/1	3754	3622	3496	194	2233	93	18	0.06	0.32	84
8970015	8970024	0.77	353 3-	336 ACSR 18/1	3648	3507	3350	194	2227	93	18	0.06	0.35	76
8980029	8970015	0.83	349 3-	336 ACSR 18/1	3584	3437	3263	194	2208	92	17	0.04	0.37	48
8980038	8980029	1.26	346 3-	336 ACSR 18/1	3144	2973	2708	193	2189	91	17	0.29	0.54	376
8880108	8980038	1.30	1 1-	2 ACSR 6/1	0	0	2645	192	0	0	0	0.00	-0.10	0
8880059	8980038	1.32	343 3-	3/0 ACSR 6/1	3082	2909	2638	192	2175	91	30	0.07	0.58	90
8980036	8880059	1.41	7 3-	3/0 ACSR 6/1	2981	2807	2526	192	30	1	0	0.00	0.58	0
8980037	8980036	1.47	6 3-	3/0 ACSR 6/1	2914	2739	2452	192	22	0	0	0.00	0.58	0
8980043	8980037	1.49	3 3-	3/0 ACSR 6/1	2890	2715	2427	192	8	0	0	0.00	0.58	0
8980041	8980037	1.51	3 1-	2 ACSR 6/1	0	0	2394	191	14	1	1	0.00	0.92	0
8980042	8980041	1.55	2 1-	2 ACSR 6/1	0	0	2348	191	7	0	0	0.00	0.92	0
8980035	8880059	1.35	1 1-	2 ACSR 6/1	0	0	2587	192	2	0	0	0.00	0.92	0
8980034	8880059	1.36	3 1-	2 ACSR 6/1	0	0	2576	192	18	2	1	0.00	-0.09	0
8980046	8980034	1.42	2 1-	2 ACSR 6/1	0	0	2477	191	9	1	1	0.00	-0.09	0
8980045	8980034	1.46	1 1-	2 ACSR 6/1	0	0	2427	191	9	1	1	0.00	-0.09	0
8980033	8880059	1.38	330 3-	3/0 ACSR 6/1	3015	2841	2563	192	2114	88	30	0.07	0.62	96
8880124	8980033	1.44	328 3-	3/0 ACSR 6/1	2946	2772	2487	192	2104	88	29	0.08	0.67	103
8880175	8880124	1.48	4 1-	2 ACSR 6/1	0	0	2439	192	67	8	5	0.01	-0.08	0
8880176	8880175	1.50	3 1-	2 ACSR 6/1	0	0	2412	191	62	8	5	0.00	-0.08	0
8880125	8880124	1.51	306 3-	3/0 ACSR 6/1	2879	2704	2414	192	1916	80	27	0.07	0.71	88
8880199	8880125	1.58	1 1-	3/0 ACSR 6/1	0	0	2339	191	1	0	0	0.00	1.13	0
8880198	8880125	1.56	305 3-	3/0 ACSR 6/1	2820	2645	2352	191	1914	80	27	0.06	0.75	79
C08-88-P68	8880198	1.56	0 3-	Capacitor	2820	2645	2352	191	0	-13	0	0.00	0.75	0
8880056	8880198	1.69	304 3-	3/0 ACSR 6/1	2699	2524	2225	191	1913	80	27	0.16	0.86	178
D08-88-P066	8880056	1.69	4 1-	FUS-40	0	0	2225	191	14	1	5	0.00	1.34	0
8880162	D08-88-P066	1.72	4 1-	2 ACSR 6/1	0	0	2192	191	14	1	1	0.00	1.34	0
8880189	8880162	1.76	2 1-	2 ACSR 6/1	0	0	2154	190	7	0	0	0.00	1.35	0
8880095	8880162	1.78	1 1-	2 ACSR 6/1	0	0	2127	190	3	0	0	0.00	1.34	0
8880122	8880056	1.72	126 3-	2 ACSR 6/1	2669	2492	2195	191	696	29	16	0.02	0.88	10
8880164	8880122	1.73	123 3-	2 ACSR 6/1	2653	2476	2180	191	677	28	16	0.01	0.88	5
D08-88-P279	8880164	1.73	123 3-	REC-50-L	2653	2476	2180	191	677	28	16	0.00	0.88	0
8880163	D08-88-P279	1.74	123 3-	2 ACSR 6/1	2643	2466	2170	190	677	28	16	0.01	0.89	3
8880123	8880163	1.80	120 3-	2 ACSR 6/1	2579	2399	2107	190	661	27	15	0.04	0.93	21
8880134	8880123	2.00	118 3-	2 ACSR 6/1	2373	2188	1913	188	654	27	15	0.12	1.05	69
8980050	8880134	2.02	117 3-	2 ACSR 6/1	2353	2168	1895	188	645	27	15	0.01	1.07	7
8980051	8980050	2.06	116 3-	2 ACSR 6/1	2308	2123	1853	188	639	26	15	0.03	1.10	16
8980025	8980051	2.15	79 3-	2 ACSR 6/1	2229	2044	1782	187	411	17	10	0.07	1.13	17
8980021	8980025	2.32	79 3-	2 ACSR 6/1	2088	1904	1657	186	411	17	10	0.14	1.20	33

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8980049	8980021	2.36	79 3-	2 ACSR 6/1	2052	1868	1626	186	411	17	10	0.04	1.21	9
8990045	8980049	2.46	79 3-	2 ACSR 6/1	1973	1790	1557	185	411	17	10	0.09	1.26	20
8990046	8990045	2.50	2 1-	2 ACSR 6/1	0	0	1538	185	7	0	0	0.00	1.90	0
8990047	8990046	2.54	0 1-	2 ACSR 6/1	0	0	1511	184	0	0	0	0.00	1.90	0
8990044	8990045	2.56	76 3-	2 ACSR 6/1	1907	1727	1502	184	396	16	9	0.07	1.29	17
8990053	8990044	2.59	2 1-	2 ACSR 6/1	0	0	1484	184	8	1	1	0.00	1.97	0
8990023	8990044	2.66	74 3-	2 ACSR 6/1	1839	1661	1444	183	388	16	9	0.08	1.33	18
8990054	8990023	2.69	3 1-	2 ACSR 6/1	0	0	1427	183	18	2	1	0.00	1.60	0
8990056	8990054	2.87	1 1- 15 KV	2 URD XLP	0	0	1338	420	3	0	0	0.00	1.60	0
8990055	8990054	2.80	2 1-	2 ACSR 6/1	0	0	1367	182	15	1	1	0.00	1.61	0
8990022	8990023	2.73	71 3-	2 ACSR 6/1	1790	1614	1403	183	370	15	9	0.06	1.36	14
8990031	8990022	2.75	35 1-	2 ACSR 6/1	0	0	1395	183	196	25	14	0.01	2.12	2
08-99-P009-A	8990031	2.75	35 1-	Closed	0	0	1395	183	196	25	0	0.00	2.12	0
08-99-P009-B	08-99-P009-A	2.75	35 1-	Closed	0	0	1395	183	196	25	0	0.00	2.12	0
8990039	08-99-P009-B	2.81	35 1-	2 ACSR 6/1	0	0	1365	182	196	25	14	0.04	2.16	7
8990042	8990039	2.96	5 1-	2 ACSR 6/1	0	0	1292	181	25	3	2	0.01	2.17	0
8990043	8990042	3.00	2 1-	2 ACSR 6/1	0	0	1277	181	7	0	0	0.00	2.17	0
8990040	8990039	3.04	5 1-	2 ACSR 6/1	0	0	1258	180	19	2	1	0.01	2.17	0
8990041	8990040	3.19	4 1-	2 ACSR 6/1	0	0	1199	179	12	1	1	0.01	2.18	0
8890156	8990041	3.27	3 1-	2 ACSR 6/1	0	0	1170	179	10	1	1	0.00	2.18	0
8890081	8890156	3.35	2 1-	2 ACSR 6/1	0	0	1141	178	8	0	1	0.00	2.18	0
8890079	8890081	3.47	1 1-	2 ACSR 6/1	0	0	1098	177	3	0	0	0.00	2.18	0
8890080	8890156	3.28	1 1-	2 ACSR 6/1	0	0	1164	179	2	0	0	0.00	2.18	0
8990038	8990039	2.87	25 1-	2 ACSR 6/1	0	0	1335	182	152	19	11	0.03	2.19	4
8990037	8990038	2.92	22 1-	2 ACSR 6/1	0	0	1314	181	144	18	10	0.02	2.22	3
8990030	8990037	2.97	3 1-	2 ACSR 6/1	0	0	1290	181	25	3	2	0.00	2.22	0
8990029	8990030	3.00	2 1-	2 ACSR 6/1	0	0	1277	181	18	2	1	0.00	2.22	0
8890062	8990037	2.95	18 1-	2 ACSR 6/1	0	0	1299	181	119	15	8	0.01	2.23	1
8890112	8890062	3.01	13 1-	2 ACSR 6/1	0	0	1271	181	97	12	7	0.02	2.25	2
8890111	8890112	3.03	11 1-	2 ACSR 6/1	0	0	1262	180	87	11	6	0.01	2.26	0
8890110	8890111	3.06	1 1-	2 ACSR 6/1	0	0	1252	180	9	1	1	0.00	2.26	0
8890109	8890111	3.11	9 1-	2 ACSR 6/1	0	0	1231	180	74	9	5	0.02	2.28	1
8890108	8890109	3.18	9 1-	2 ACSR 6/1	0	0	1203	179	74	9	5	0.02	2.29	0
8890150	8890108	3.26	5 1-	2 ACSR 6/1	0	0	1171	179	29	3	2	0.01	2.30	0
8890102	8890150	3.34	5 1-	2 ACSR 6/1	0	0	1143	178	29	3	2	0.01	2.31	0
8890152	8890102	3.40	4 1-	2 ACSR 6/1	0	0	1122	178	29	3	2	0.01	2.31	0
8890104	8890152	3.49	2 1-	2 ACSR 6/1	0	0	1093	177	14	1	1	0.00	2.32	0
8890105	8890104	3.55	1 1-	2 ACSR 6/1	0	0	1074	177	4	0	0	0.00	2.32	0
8890103	8890152	3.49	1 1-	2 ACSR 6/1	0	0	1093	177	6	0	0	0.00	2.32	0
8890151	8890150	3.32	0 1-	2 ACSR 6/1	0	0	1151	178	0	0	0	0.00	2.30	0
8890106	8890108	3.24	3 1-	2 ACSR 6/1	0	0	1181	179	33	4	2	0.00	2.30	0
8890107	8890106	3.29	1 1-	2 ACSR 6/1	0	0	1163	179	9	1	1	0.00	2.30	0
8890063	8890062	2.99	3 1-	2 ACSR 6/1	0	0	1281	181	13	1	1	0.00	2.23	0
8990036	8890063	3.11	2 1-	2 ACSR 6/1	0	0	1231	180	12	1	1	0.00	2.24	0
8890113	8990036	3.16	1 1-	2 ACSR 6/1	0	0	1210	180	8	1	1	0.00	2.24	0
8990021	8990022	3.07	35 1-	2 ACSR 6/1	0	0	1246	180	170	21	12	0.20	0.57	27
8990057	8990021	3.16	31 1-	2 ACSR 6/1	0	0	1210	180	147	18	10	0.05	0.61	5
14090013	8990057	3.23	30 1-	2 ACSR 6/1	0	0	1182	179	146	18	10	0.04	0.65	4
14090011	14090013	3.36	29 1-	2 ACSR 6/1	0	0	1138	178	146	18	10	0.06	0.71	7
14090012	14090011	3.39	28 1-	2 ACSR 6/1	0	0	1128	178	145	18	10	0.01	0.73	2
14090005	14090012	3.50	6 1-	2 ACSR 6/1	0	0	1090	177	18	2	1	0.01	0.73	0
14090006	14090005	3.55	6 1-	2 ACSR 6/1	0	0	1075	177	18	2	1	0.00	0.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8990052	14090006	3.56	1 1-	2 ACSR 6/1	0	0	1070	177	7	0	0	0.00	0.74	0
8990035	14090006	3.64	5 1-	2 ACSR 6/1	0	0	1047	176	11	1	1	0.00	0.74	0
8990032	8990035	3.73	4 1-	2 ACSR 6/1	0	0	1021	175	4	0	0	0.00	0.74	0
8990059	8990032	3.83	4 1-	2 ACSR 6/1	0	0	992	175	4	0	0	0.00	0.74	0
8990033	8990059	3.93	2 1-	2 ACSR 6/1	0	0	967	174	3	0	0	0.00	0.74	0
8990048	8990033	4.00	2 1-	2 ACSR 6/1	0	0	949	173	3	0	0	0.00	0.74	0
8990034	8990033	3.98	0 1-	2 ACSR 6/1	0	0	955	174	0	0	0	0.00	0.74	0
8990028	14090006	3.62	0 1-	2 ACSR 6/1	0	0	1053	176	0	0	0	0.00	0.74	0
14090003	14090012	3.56	22 1-	2 ACSR 6/1	0	0	1070	177	127	16	9	0.08	0.80	8
14090004	14090003	3.89	1 1-	2 ACSR 6/1	0	0	978	174	0	0	0	0.00	0.80	0
14090007	14090003	4.10	21 1-	2 ACSR 6/1	0	0	925	173	127	15	9	0.23	1.03	23
15120029	14090007	4.17	19 1-	2 ACSR 6/1	0	0	909	172	115	14	8	0.03	1.06	2
15120030	15120029	4.22	1 1-	2 ACSR 6/1	0	0	897	172	7	0	1	0.00	1.06	0
15120022	15120029	4.42	18 1-	2 ACSR 6/1	0	0	854	171	107	13	8	0.10	1.15	8
15120031	15120022	4.46	5 1-	2 ACSR 6/1	0	0	847	170	40	5	3	0.00	1.16	0
15120032	15120031	4.52	4 1-	2 ACSR 6/1	0	0	835	170	29	3	2	0.01	1.16	0
15120033	15120032	4.58	2 1-	2 ACSR 6/1	0	0	825	170	22	2	2	0.00	1.16	0
15120035	15120033	4.63	0 1-	2 ACSR 6/1	0	0	814	169	0	0	0	0.00	1.16	0
15120034	15120033	4.61	1 1-	2 ACSR 6/1	0	0	819	169	8	1	1	0.00	1.17	0
15120038	15120034	5.01	0 1-	2 ACSR 6/1	0	0	751	167	0	0	0	0.00	1.17	0
15120036	15120034	4.65	1 1-	2 ACSR 6/1	0	0	811	169	8	1	1	0.00	1.17	0
15120059	15120036	4.82	1 1-	2 ACSR 6/1	0	0	781	168	8	1	1	0.00	1.17	0
15120023	15120022	4.53	13 1-	2 ACSR 6/1	0	0	834	170	67	8	5	0.02	1.18	1
15120053	15120023	4.63	1 1-	2 ACSR 6/1	0	0	815	169	5	0	0	0.00	1.18	0
15120052	15120023	4.63	1 1-	2 ACSR 6/1	0	0	815	169	0	0	0	0.00	1.18	0
D15-12-P043	15120052	4.63	1 1-	FUS-25	0	0	815	169	0	0	0	0.00	1.18	0
15120060	D15-12-P043	5.19	1 1-	2 ACSR 6/1	0	0	724	165	0	0	0	0.00	1.18	0
15120041	15120023	4.63	11 1-	2 ACSR 6/1	0	0	815	169	62	7	4	0.02	1.20	1
15120042	15120041	4.69	10 1-	2 ACSR 6/1	0	0	804	169	61	7	4	0.01	1.21	0
15120054	15120042	4.74	5 1-	2 ACSR 6/1	0	0	795	168	27	3	2	0.00	1.21	0
15120056	15120054	4.86	2 1-	2 ACSR 6/1	0	0	774	168	12	1	1	0.00	1.22	0
15120055	15120054	4.80	2 1-	2 ACSR 6/1	0	0	785	168	7	0	0	0.00	1.22	0
15120024	15120042	4.78	5 1-	2 ACSR 6/1	0	0	788	168	34	4	2	0.01	1.22	0
15120028	15120024	4.87	0 1-	2 ACSR 6/1	0	0	773	168	0	0	0	0.00	1.22	0
15120057	15120024	4.86	2 1-	2 ACSR 6/1	0	0	774	168	13	1	1	0.00	1.22	0
15120026	15120024	4.88	2 1-	2 ACSR 6/1	0	0	772	168	14	1	1	0.00	1.22	0
15120027	15120026	4.97	1 1-	2 ACSR 6/1	0	0	756	167	8	0	1	0.00	1.23	0
8990026	8990021	3.13	1 1-	2 ACSR 6/1	0	0	1221	180	5	0	0	0.00	0.57	0
8990025	8990021	3.12	3 1-	2 ACSR 6/1	0	0	1226	180	18	2	1	0.00	0.57	0
8990027	8990025	3.17	2 1-	2 ACSR 6/1	0	0	1206	179	10	1	1	0.00	0.57	0
8990024	8990022	2.80	1 1-	2 ACSR 6/1	0	0	1372	182	4	0	0	0.00	1.60	0
8980026	8980021	2.37	0 1-	2 ACSR 6/1	0	0	1622	186	0	0	0	0.00	1.78	0
8980020	8980025	2.20	0 1-	2 ACSR 6/1	0	0	1744	187	0	0	0	0.00	1.64	0
8980052	8980051	2.13	37 1-	2 ACSR 6/1	0	0	1795	187	228	28	16	0.05	1.66	10
8980054	8980052	2.20	7 1-	2 ACSR 6/1	0	0	1745	187	36	4	3	0.01	1.67	0
8980055	8980054	2.24	6 1-	2 ACSR 6/1	0	0	1716	187	35	4	2	0.00	1.67	0
8980047	8980055	2.30	3 1-	2 ACSR 6/1	0	0	1667	186	17	2	1	0.00	1.67	0
8980053	8980052	2.19	29 1-	2 ACSR 6/1	0	0	1750	187	185	23	13	0.04	1.69	5
8980048	8980053	2.24	28 1-	2 ACSR 6/1	0	0	1711	187	179	22	13	0.03	1.73	5
8980023	8980048	2.34	21 1-	2 ACSR 6/1	0	0	1639	186	129	16	9	0.05	1.77	5
8980024	8980023	2.42	20 1-	2 ACSR 6/1	0	0	1588	185	123	15	9	0.03	1.80	3
8980062	8980024	2.57	19 1-	2 ACSR 6/1	0	0	1493	184	122	15	9	0.06	1.87	6

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14080012	8980062	2.68	8 1-	2 ACSR 6/1	0	0	1433	183	59	7	4	0.02	1.89	1
14080014	14080012	2.72	1 1-	2 ACSR 6/1	0	0	1409	183	10	1	1	0.00	1.89	0
14080013	14080012	2.77	7 1-	2 ACSR 6/1	0	0	1386	182	49	6	3	0.02	1.91	0
14080004	14080013	2.84	7 1-	2 ACSR 6/1	0	0	1352	182	49	6	3	0.01	1.92	0
14080006	14080004	2.94	3 1-	2 ACSR 6/1	0	0	1306	181	20	2	1	0.00	1.92	0
14080011	14080006	2.98	1 1-	2 ACSR 6/1	0	0	1288	181	8	1	1	0.00	1.92	0
14080005	14080004	2.90	4 1-	2 ACSR 6/1	0	0	1323	181	29	3	2	0.01	1.92	0
14080001	14080005	2.95	3 1-	2 ACSR 6/1	0	0	1301	181	19	2	1	0.00	1.93	0
14080015	14080001	3.00	2 1-	2 ACSR 6/1	0	0	1277	181	10	1	1	0.00	1.93	0
14080016	14080015	3.05	1 1-	2 ACSR 6/1	0	0	1257	180	2	0	0	0.00	1.93	0
14080003	14080013	2.81	0 1-	2 ACSR 6/1	0	0	1365	182	0	0	0	0.00	1.91	0
14080002	8980062	2.62	8 1-	2 ACSR 6/1	0	0	1465	184	60	7	4	0.01	1.88	0
8980063	14080002	2.67	5 1-	2 ACSR 6/1	0	0	1435	183	45	5	3	0.01	1.89	0
8980064	8980063	2.70	5 1-	2 ACSR 6/1	0	0	1420	183	45	5	3	0.00	1.89	0
8980032	8980064	2.78	0 1-	2 ACSR 6/1	0	0	1382	182	0	0	0	0.00	1.89	0
8980022	8980032	2.82	0 1-	2 ACSR 6/1	0	0	1360	182	0	0	0	0.00	1.89	0
8980044	8980064	2.78	4 1-	2 ACSR 6/1	0	0	1378	182	34	4	2	0.01	1.90	0
8980027	8980044	2.82	1 1-	2 ACSR 6/1	0	0	1359	182	11	1	1	0.00	1.90	0
8980030	8980044	2.88	3 1-	2 ACSR 6/1	0	0	1331	182	23	2	2	0.01	1.91	0
8980031	8980030	2.94	2 1-	2 ACSR 6/1	0	0	1304	181	13	1	1	0.00	1.91	0
8980061	8980024	2.48	1 1-	2 ACSR 6/1	0	0	1549	185	1	0	0	0.00	1.80	0
8980060	8980023	2.38	1 1-	2 ACSR 6/1	0	0	1613	185	6	0	0	0.00	1.77	0
8980057	8980048	2.29	7 1-	2 ACSR 6/1	0	0	1675	186	50	6	4	0.01	1.73	0
8980059	8980057	2.32	3 1-	2 ACSR 6/1	0	0	1651	186	22	2	2	0.00	1.73	0
8980058	8980057	2.34	3 1-	2 ACSR 6/1	0	0	1643	186	22	2	2	0.00	1.74	0
8980056	8980058	2.37	2 1-	2 ACSR 6/1	0	0	1618	185	18	2	1	0.00	1.74	0
8880133	8880123	1.86	2 1-	2 ACSR 6/1	0	0	2040	189	6	0	0	0.00	1.41	0
8880080	8880056	1.74	174 3-	3/0 ACSR 6/1	2659	2484	2184	191	1202	51	17	0.04	0.88	28
8880081	8880080	1.79	173 3-	3/0 ACSR 6/1	2617	2442	2141	190	1192	50	17	0.04	0.91	30
8880190	8880081	1.83	169 3-	3/0 ACSR 6/1	2579	2404	2102	190	1158	49	16	0.04	0.93	27
8880191	8880190	1.89	168 3-	3/0 ACSR 6/1	2534	2360	2057	190	1149	48	16	0.05	0.96	32
8880101	8880191	1.96	163 3-	3/0 ACSR 6/1	2480	2306	2003	190	1140	48	16	0.06	1.00	40
8880104	8880101	2.10	163 3-	3/0 ACSR 6/1	2379	2207	1904	189	1139	48	16	0.11	1.07	78
8880082	8880104	2.15	162 3-	3/0 ACSR 6/1	2341	2169	1867	189	1137	48	16	0.05	1.09	31
8880086	8880082	2.20	31 1-	2 ACSR 6/1	0	0	1823	189	194	24	14	0.04	1.71	6
8880171	8880086	2.21	30 1-	2 ACSR 6/1	0	0	1815	189	191	24	13	0.01	1.72	1
8880173	8880171	2.26	1 1-	2 ACSR 6/1	0	0	1781	188	7	0	0	0.00	1.72	0
8880172	8880171	2.27	29 1-	2 ACSR 6/1	0	0	1771	188	184	23	13	0.04	1.75	5
8880131	8880172	2.33	24 1-	2 ACSR 6/1	0	0	1729	188	146	18	10	0.03	1.78	3
8880132	8880131	2.36	23 1-	2 ACSR 6/1	0	0	1705	187	141	17	10	0.02	1.80	2
8880112	8880132	2.38	21 1-	2 ACSR 6/1	0	0	1688	187	130	16	9	0.01	1.81	1
8880166	8880112	2.42	20 1-	2 ACSR 6/1	0	0	1663	187	123	15	9	0.01	1.82	1
8890139	8880166	2.46	18 1-	2 ACSR 6/1	0	0	1636	187	105	13	7	0.01	1.84	1
8890119	8890139	2.49	17 1-	2 ACSR 6/1	0	0	1613	186	99	12	7	0.01	1.85	0
8890061	8890119	2.61	15 1-	2 ACSR 6/1	0	0	1538	185	83	10	6	0.03	1.88	2
8890118	8890061	2.65	2 1-	2 ACSR 6/1	0	0	1514	185	8	1	1	0.00	1.88	0
8890148	8890118	2.69	1 1-	2 ACSR 6/1	0	0	1494	185	4	0	0	0.00	1.88	0
8890124	8890061	2.68	13 1-	2 ACSR 6/1	0	0	1496	185	75	9	5	0.02	1.90	0
8890125	8890124	2.76	9 1-	2 ACSR 6/1	0	0	1450	184	53	6	4	0.01	1.91	0
8890126	8890125	2.79	7 1-	2 ACSR 6/1	0	0	1435	184	44	5	3	0.00	1.92	0
8890078	8890126	2.83	6 1-	2 ACSR 6/1	0	0	1416	184	39	4	3	0.00	1.92	0
8890128	8890078	2.89	2 1-	2 ACSR 6/1	0	0	1384	183	12	1	1	0.00	1.92	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
8890127	8890078	2.88	2 1-	2 ACSR 6/1	0	0	1391	183	16	1	1	0.00	1.92	0
8890077	8890126	2.89	1 1-	2 ACSR 6/1	0	0	1388	183	5	0	0	0.00	1.92	0
8890123	8890119	2.54	1 1-	2 ACSR 6/1	0	0	1581	186	9	1	1	0.00	1.85	0
8880110	8880132	2.37	1 1-	2 ACSR 6/1	0	0	1695	187	5	0	0	0.00	1.80	0
8880129	8880172	2.30	5 1-	2 ACSR 6/1	0	0	1750	188	38	4	3	0.00	1.76	0
8880130	8880129	2.33	1 1-	2 ACSR 6/1	0	0	1727	188	12	1	1	0.00	1.76	0
8880084	8880082	2.31	2 1-	2 ACSR 6/1	0	0	1743	188	4	0	0	0.00	1.73	0
8880085	8880084	2.35	1 1-	2 ACSR 6/1	0	0	1712	187	2	0	0	0.00	1.73	0
8880083	8880082	2.22	127 3-	3/0 ACSR 6/1	2293	2123	1821	189	925	39	13	0.07	1.12	34
8880102	8880083	2.28	2 1-	2 ACSR 6/1	0	0	1778	188	16	2	1	0.00	1.71	0
8880058	8880083	2.33	123 3-	3/0 ACSR 6/1	2221	2052	1753	188	898	38	13	0.12	1.17	54
8890120	8880058	2.37	5 1-	2 ACSR 6/1	0	0	1730	188	22	2	2	0.00	1.76	0
8890074	8880058	2.38	118 3-	3/0 ACSR 6/1	2195	2027	1728	188	876	37	13	0.05	1.19	20
8890075	8890074	2.43	117 3-	3/0 ACSR 6/1	2161	1994	1696	188	863	37	12	0.06	1.21	27
8890073	8890075	2.45	38 1-	2 ACSR 6/1	0	0	1683	188	220	28	16	0.01	2.04	3
D08-89-P006	8890073	2.45	38 1-	REC-50-L	0	0	1683	188	220	28	56	0.00	2.04	0
8890060	D08-89-P006	2.51	38 1-	2 ACSR 6/1	0	0	1642	187	220	28	16	0.05	2.08	8
8890067	8890060	2.62	31 1-	2 ACSR 6/1	0	0	1576	186	190	24	13	0.07	2.15	10
8880107	8890067	2.85	20 1-	2 ACSR 6/1	0	0	1440	185	120	15	8	0.10	2.25	10
8780036	8880107	2.91	13 1-	2 ACSR 6/1	0	0	1413	184	71	9	5	0.01	2.26	0
8780035	8780036	2.98	10 1-	2 ACSR 6/1	0	0	1375	184	58	7	4	0.01	2.28	0
8780046	8780035	3.12	9 1-	2 ACSR 6/1	0	0	1312	183	56	7	4	0.03	2.30	1
8780047	8780046	3.33	4 1-	2 ACSR 6/1	0	0	1223	181	18	2	1	0.01	2.32	0
8780049	8780047	3.39	2 1-	2 ACSR 6/1	0	0	1199	181	7	0	1	0.00	2.32	0
8780048	8780047	3.38	2 1-	2 ACSR 6/1	0	0	1205	181	11	1	1	0.00	2.32	0
8780040	8780046	3.32	5 1-	2 ACSR 6/1	0	0	1226	181	38	4	3	0.02	2.33	0
8780041	8780040	3.42	4 1-	2 ACSR 6/1	0	0	1190	180	29	3	2	0.01	2.33	0
8780042	8780041	3.50	3 1-	2 ACSR 6/1	0	0	1159	180	20	2	1	0.01	2.34	0
8780023	8780042	3.61	2 1-	2 ACSR 6/1	0	0	1120	179	15	1	1	0.01	2.34	0
8780038	8780023	3.66	1 1-	2 ACSR 6/1	0	0	1104	178	7	0	1	0.00	2.35	0
8780043	8780023	3.63	1 1-	2 ACSR 6/1	0	0	1114	179	7	0	1	0.00	2.35	0
8780024	8780043	3.74	1 1-	2 ACSR 6/1	0	0	1079	178	7	0	1	0.00	2.35	0
8780044	8780043	3.68	0 1-	2 ACSR 6/1	0	0	1097	178	0	0	0	0.00	2.35	0
8780039	8780036	2.96	2 1-	2 ACSR 6/1	0	0	1387	184	10	1	1	0.00	2.26	0
8780026	8880107	2.90	7 1-	2 ACSR 6/1	0	0	1414	184	49	6	3	0.01	2.25	0
8780034	8780026	2.94	5 1-	2 ACSR 6/1	0	0	1398	184	37	4	3	0.00	2.26	0
8780033	8780034	3.00	2 1-	2 ACSR 6/1	0	0	1367	184	17	2	1	0.00	2.26	0
8780032	8780033	3.14	1 1-	2 ACSR 6/1	0	0	1303	182	9	1	1	0.00	2.26	0
8780072	8780034	3.02	2 1-	2 ACSR 6/1	0	0	1358	183	20	2	1	0.00	2.26	0
8780073	8780072	3.07	1 1-	2 ACSR 6/1	0	0	1336	183	15	1	1	0.00	2.27	0
8780070	8780073	3.15	0 1-	2 ACSR 6/1	0	0	1298	182	0	0	0	0.00	2.27	0
8780069	8780073	3.10	1 1-	2 ACSR 6/1	0	0	1321	183	15	1	1	0.00	2.27	0
8780074	8780069	3.11	0 1-	2 ACSR 6/1	0	0	1316	183	0	0	0	0.00	2.27	0
8780075	8780074	3.22	0 1-	15 KV 2 URD XLP	0	0	1268	420	0	0	0	0.00	2.27	0
8780076	8780075	3.28	0 1-	15 KV 2 URD XLP	0	0	1245	417	0	0	0	0.00	2.27	0
8880106	8890067	2.68	9 1-	2 ACSR 6/1	0	0	1538	186	60	7	4	0.01	2.16	0
8780025	8880106	2.71	7 1-	2 ACSR 6/1	0	0	1522	186	45	5	3	0.00	2.16	0
8780059	8780025	2.74	6 1-	2 ACSR 6/1	0	0	1503	186	41	5	3	0.00	2.17	0
8790182	8780059	2.78	4 1-	2 ACSR 6/1	0	0	1483	185	28	3	2	0.00	2.17	0
8790185	8790182	2.81	3 1-	2 ACSR 6/1	0	0	1464	185	22	2	2	0.00	2.17	0
8790186	8790185	2.84	1 1-	2 ACSR 6/1	0	0	1448	185	6	0	0	0.00	2.17	0
8780045	8880106	2.69	1 1-	2 ACSR 6/1	0	0	1529	186	8	0	1	0.00	2.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8890070	8890060	2.58	7 1-	2 ACSR 6/1	0	0	1602	187	30	3	2	0.01	2.09	0
8880194	8890070	2.59	0 1-	2 ACSR 6/1	0	0	1594	187	0	0	0	0.00	2.09	0
8880111	8890070	2.65	7 1-	2 ACSR 6/1	0	0	1556	186	30	3	2	0.01	2.10	0
8880193	8880111	2.67	1 1-	2 ACSR 6/1	0	0	1541	186	5	0	0	0.00	2.10	0
8880103	8880111	2.70	5 1-	2 ACSR 6/1	0	0	1524	186	24	3	2	0.00	2.10	0
8890072	8890075	2.47	78 3-	3/0 ACSR 6/1	2140	1973	1676	188	636	27	9	0.02	1.22	8
8890071	8890072	2.58	77 3-	3/0 ACSR 6/1	2082	1916	1622	187	634	27	9	0.07	1.25	21
8890141	8890071	2.63	71 3-	3/0 ACSR 6/1	2052	1888	1596	187	624	26	9	0.03	1.27	10
8890140	8890141	2.64	70 3-	3/0 ACSR 6/1	2046	1882	1589	187	619	26	9	0.01	1.27	2
8890145	8890140	2.73	6 1-	2 ACSR 6/1	0	0	1538	186	41	5	3	0.01	1.87	0
8890143	8890145	2.76	3 1-	2 ACSR 6/1	0	0	1520	186	18	2	1	0.00	1.87	0
8890144	8890143	2.83	1 1-	2 ACSR 6/1	0	0	1480	186	6	0	0	0.00	1.87	0
8890146	8890145	2.82	2 1-	2 ACSR 6/1	0	0	1486	186	16	2	1	0.00	1.87	0
8890147	8890146	2.86	1 1-	2 ACSR 6/1	0	0	1463	185	10	1	1	0.00	1.87	0
8890149	8890147	2.88	1 1-	2 ACSR 6/1	0	0	1451	185	10	1	1	0.00	1.87	0
8890142	8890140	2.66	64 3-	3/0 ACSR 6/1	2036	1872	1581	187	578	24	8	0.01	1.28	3
8890121	8890142	2.69	2 1-	2 ACSR 6/1	0	0	1561	187	8	0	1	0.00	-0.20	0
8890129	8890142	2.71	3 1-	2 ACSR 6/1	0	0	1549	187	16	2	1	0.00	-0.20	0
8790192	8890129	2.82	2 1-	2 ACSR 6/1	0	0	1488	186	6	0	0	0.00	-0.19	0
8790187	8790192	2.85	1 1-	2 ACSR 6/1	0	0	1471	186	3	0	0	0.00	-0.19	0
8890064	8890142	2.70	59 3-	3/0 ACSR 6/1	2013	1850	1560	187	554	24	8	0.03	1.29	8
8790045	8890064	2.73	7 1-	2 ACSR 6/1	0	0	1547	187	28	3	2	0.00	2.20	0
8790046	8790045	2.78	6 1-	2 ACSR 6/1	0	0	1517	186	19	2	1	0.00	2.20	0
8790197	8790046	2.89	5 1-	2 ACSR 6/1	0	0	1456	185	14	1	1	0.01	2.21	0
8790199	8790197	2.95	3 1-	2 ACSR 6/1	0	0	1424	185	13	1	1	0.00	2.21	0
8790200	8790199	2.99	2 1-	2 ACSR 6/1	0	0	1403	185	12	1	1	0.00	2.21	0
8790198	8790197	3.00	2 1-	2 ACSR 6/1	0	0	1400	185	1	0	0	0.00	2.21	0
8790032	8890064	2.76	52 3-	3/0 ACSR 6/1	1983	1821	1532	187	526	22	8	0.04	1.30	9
8790033	8790032	2.93	51 3-	3/0 ACSR 6/1	1904	1745	1461	186	524	22	8	0.10	1.35	26
8790030	8790033	3.31	50 3-	3/0 ACSR 6/1	1745	1593	1322	184	496	21	7	0.23	1.44	58
D08-79-P065	8790030	3.31	37 1-	REC-50-L	0	0	1322	184	222	28	57	0.00	2.56	0
8790038	D08-79-P065	3.36	37 1-	2 ACSR 6/1	0	0	1302	184	222	28	16	0.03	2.60	6
8790023	8790038	3.57	36 1-	2 ACSR 6/1	0	0	1215	182	205	26	15	0.16	2.75	26
8790024	8790023	3.59	32 1-	2 ACSR 6/1	0	0	1208	182	184	23	13	0.01	2.77	2
8790209	8790024	3.61	31 1-	2 ACSR 6/1	0	0	1199	182	178	22	13	0.01	2.78	2
8790025	8790209	3.64	4 1-	2 ACSR 6/1	0	0	1189	182	21	2	1	0.00	2.78	0
8790044	8790025	3.67	3 1-	2 ACSR 6/1	0	0	1178	182	14	1	1	0.00	2.78	0
8790043	8790209	3.69	26 1-	2 ACSR 6/1	0	0	1172	182	154	19	11	0.04	2.82	5
8890082	8790043	3.71	24 1-	2 ACSR 6/1	0	0	1166	181	138	17	10	0.01	2.83	0
8890068	8890082	3.77	23 1-	2 ACSR 6/1	0	0	1145	181	128	16	9	0.03	2.85	3
8890088	8890068	3.82	4 1-	2 ACSR 6/1	0	0	1128	181	20	2	1	0.00	2.86	0
8890153	8890088	3.86	1 1-	2 ACSR 6/1	0	0	1115	180	7	0	1	0.00	2.86	0
8890069	8890068	3.88	17 1-	2 ACSR 6/1	0	0	1109	180	100	12	7	0.04	2.89	3
8890094	8890069	3.95	8 1-	2 ACSR 6/1	0	0	1087	180	41	5	3	0.01	2.90	0
8890095	8890094	4.11	7 1-	2 ACSR 6/1	0	0	1039	178	33	4	2	0.02	2.92	0
8890096	8890095	4.16	7 1-	2 ACSR 6/1	0	0	1026	178	33	4	2	0.01	2.93	0
8890098	8890096	4.21	6 1-	2 ACSR 6/1	0	0	1013	178	23	2	2	0.00	2.93	0
8890100	8890098	4.37	2 1-	2 ACSR 6/1	0	0	970	176	8	1	1	0.00	2.93	0
8890099	8890098	4.25	3 1-	2 ACSR 6/1	0	0	1000	177	9	1	1	0.00	2.93	0
8890097	8890096	4.25	1 1-	2 ACSR 6/1	0	0	1002	177	10	1	1	0.00	2.93	0
8890089	8890069	3.91	3 1-	2 ACSR 6/1	0	0	1099	180	24	3	2	0.00	2.89	0
8890122	8890089	4.06	1 1-	2 ACSR 6/1	0	0	1055	179	11	1	1	0.00	2.90	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8890090	8890069	4.10	6 1-	2 ACSR 6/1	0	0	1042	178	36	4	3	0.03	2.92	0
8890091	8890090	4.19	5 1-	2 ACSR 6/1	0	0	1016	178	32	4	2	0.01	2.93	0
8890065	8890091	4.25	3 1-	2 ACSR 6/1	0	0	1001	177	18	2	1	0.00	2.93	0
8890093	8890065	4.45	3 1- 15 KV 2 URD XLP	0	0	952	385	18	2	1	0.01	2.94	0	
8890155	8890093	4.56	1 1- 15 KV 2 URD XLP	0	0	925	380	0	0	0	0.00	2.94	0	
8890092	8890091	4.21	1 1-	2 ACSR 6/1	0	0	1013	178	13	1	1	0.00	2.93	0
8790190	8790023	3.60	4 1-	2 ACSR 6/1	0	0	1204	182	21	2	1	0.00	2.76	0
8790034	8790030	3.37	7 3-	3/0 ACSR 6/1	1721	1571	1301	184	230	10	3	0.01	1.45	1
8790188	8790034	3.40	5 3-	3/0 ACSR 6/1	1709	1559	1291	184	221	10	3	0.00	1.45	0
8790189	8790188	3.43	4 3-	3/0 ACSR 6/1	1697	1548	1281	184	218	9	3	0.00	1.45	0
8790041	8790189	3.46	1 3-	3/0 ACSR 6/1	1688	1539	1273	184	3	0	0	0.00	1.45	0
8790040	8790041	3.62	0 3-	3/0 ACSR 6/1	1630	1485	1224	183	0	0	0	0.00	1.45	0
08-79-P052-A	8790040	3.62	0 3-	Open	1630	1485	1224	183	0	0	0	0.00	1.45	0
8790037	8790041	3.61	1 1-	2 ACSR 6/1	0	0	1216	183	3	0	0	0.00	2.04	0
8790035	8790189	3.50	3 3-	3/0 ACSR 6/1	1675	1527	1262	184	215	9	3	0.00	1.46	0
8790036	8790035	3.52	1 1-	2 ACSR 6/1	0	0	1254	184	9	1	1	0.00	2.59	0
8790031	8790030	3.34	6 1-	2 ACSR 6/1	0	0	1306	184	44	5	3	0.00	2.57	0
8790194	8790031	3.46	4 1-	2 ACSR 6/1	0	0	1259	183	35	4	2	0.01	2.58	0
8790195	8790194	3.51	2 1-	2 ACSR 6/1	0	0	1240	183	16	2	1	0.00	2.58	0
8790196	8790195	3.56	0 1-	2 ACSR 6/1	0	0	1219	183	0	0	0	0.00	2.58	0
8790039	8890064	2.78	0 1-	2 ACSR 6/1	0	0	1516	186	0	0	0	0.00	1.87	0
8890076	8890071	2.59	6 1-	2 ACSR 6/1	0	0	1610	187	11	1	1	0.00	2.11	0
8880087	8880083	2.29	1 1-	2 ACSR 6/1	0	0	1766	188	1	0	0	0.00	-0.13	0
8880170	8880191	1.91	1 1-	2 ACSR 6/1	0	0	2031	190	1	0	0	0.00	1.47	0
8880105	8880191	1.93	3 1-	2 ACSR 6/1	0	0	2020	190	5	0	0	0.00	1.51	0
8880195	8880081	1.88	2 1-	2 ACSR 6/1	0	0	2049	190	20	2	1	0.00	1.43	0
8880196	8880195	1.96	1 1-	2 ACSR 6/1	0	0	1970	189	10	1	1	0.00	1.43	0
NEW LP3	8880198	1.56	1 3-	Consumer	2820	2645	2352	191	0	0	0	0.00	0.75	0
8880126	8880124	1.50	15 1-	2 ACSR 6/1	0	0	2399	191	104	13	7	0.02	1.08	2
8880167	8880126	1.56	13 1-	2 ACSR 6/1	0	0	2331	191	79	9	6	0.01	1.10	0
8880169	8880167	1.59	5 1- 15 KV 2 URD XLP	0	0	2288	479	44	5	3	0.01	1.10	0	
8880174	8880169	1.68	4 1- 15 KV 2 URD XLP	0	0	2191	473	31	3	2	0.01	1.11	0	
8880185	8880174	1.70	2 1- 15 KV 2 URD XLP	0	0	2175	472	16	2	1	0.00	1.11	0	
8880168	8880167	1.58	8 1-	2 ACSR 6/1	0	0	2303	191	35	4	2	0.00	1.10	0
8880127	8880168	1.64	7 1-	2 ACSR 6/1	0	0	2221	190	32	4	2	0.01	1.11	0
8880186	8880127	1.68	6 1-	2 ACSR 6/1	0	0	2185	190	30	3	2	0.00	1.11	0
8880187	8880186	1.77	5 1-	2 ACSR 6/1	0	0	2079	189	25	3	2	0.01	1.11	0
8880128	8880187	1.91	3 1-	2 ACSR 6/1	0	0	1941	188	13	1	1	0.00	1.12	0
8880188	8880128	1.96	1 1- 15 KV 2 URD XLP	0	0	1899	460	4	0	0	0.00	1.12	0	
8980040	8980029	0.86	2 1-	2 ACSR 6/1	0	0	3183	193	12	1	1	0.00	0.62	0
8980039	8980040	0.89	1 1-	2 ACSR 6/1	0	0	3113	193	3	0	0	0.00	0.62	0
8980028	8970015	0.82	3 1-	2 ACSR 6/1	0	0	3221	193	14	1	1	0.00	0.59	0
14070073	14070064	0.27	4 1-	2 ACSR 6/1	0	0	4329	194	34	4	2	0.00	0.15	0
14070074	14070073	0.31	3 1-	2 ACSR 6/1	0	0	4177	194	26	3	2	0.00	0.16	0
14070072	14070074	0.37	2 1-	2 ACSR 6/1	0	0	3956	194	17	2	1	0.00	0.16	0
14070099	14070027	0.06	0 3-	3/0 ACSR 6/1	4728	4748	5058	195	0	0	0	0.00	0.03	0
14-07-P010-A	14070099	0.06	0 3-	Open	4728	4748	5058	195	0	0	0	0.00	0.03	0

CKT 1 total losses: \$4,389

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 26, CKT 2														
BK2602	CMBRRLDFALLS(26)	0.00	603 3-	BK2602	4851	4896	5284	195	4285	178	85	0.00	0.00	0
14070100	BK2602	0.03	603 3-	4/0 ACSR 6/1	4785	4821	5164	195	4285	178	53	0.02	0.03	123
14070102	14070100	0.04	0 3-	4/0 ACSR 6/1	4759	4791	5116	195	0	0	0	0.00	0.03	0
14-07-P010-B	14070102	0.04	0 3-	Open	4759	4791	5116	195	0	0	0	0.00	0.03	0
14070101	14070100	0.05	603 3-	4/0 ACSR 6/1	4723	4750	5051	195	4283	178	53	0.02	0.07	121
14070056	14070101	0.12	68 3-	1/0 ACSR 6/1	4525	4532	4727	195	402	16	7	0.00	0.09	9
14070057	14070056	0.19	65 3-	1/0 ACSR 6/1	4348	4334	4450	194	384	16	7	-0.01	0.10	9
14070058	14070057	0.24	63 3-	1/0 ACSR 6/1	4220	4189	4256	194	372	15	7	-0.01	0.11	7
14070066	14070058	0.31	62 3-	1/0 ACSR 6/1	4071	4021	4038	194	367	15	7	-0.01	0.13	8
14070067	14070066	0.39	61 3-	1/0 ACSR 6/1	3880	3807	3769	193	361	15	7	-0.01	0.15	11
14070068	14070067	0.46	3 1-	2 ACSR 6/1	0	0	3557	193	16	2	1	0.00	0.18	0
14070071	14070068	0.58	2 1-	2 ACSR 6/1	0	0	3219	192	7	0	0	0.00	0.18	0
14070038	14070067	0.49	58 3-	1/0 ACSR 6/1	3692	3597	3516	193	345	14	6	-0.01	0.17	12
14070060	14070038	0.53	1 1-	2 ACSR 6/1	0	0	3401	192	5	0	0	0.00	0.20	0
14070039	14070038	0.66	57 3-	1/0 ACSR 6/1	3389	3264	3130	192	339	14	6	-0.02	0.20	21
14070036	14070039	0.73	3 1-	2 ACSR 6/1	0	0	2974	191	18	2	1	0.00	0.23	0
14070037	14070036	0.77	1 1-	2 ACSR 6/1	0	0	2888	191	7	0	1	0.00	0.23	0
14070041	14070039	0.70	54 3-	1/0 ACSR 6/1	3325	3195	3052	192	321	13	6	-0.01	0.21	5
8970035	14070041	0.75	1 1-	2 ACSR 6/1	0	0	2939	191	10	1	1	0.00	0.23	0
8970022	14070041	0.84	52 3-	1/0 ACSR 6/1	3107	2961	2792	191	303	12	6	-0.03	0.24	18
D08-97-P002	8970022	0.84	2 1-	FUS	0	0	2792	191	6	0	18	0.00	0.25	0
8970020	D08-97-P002	1.26	2 1-	2 ACSR 6/1	0	0	2146	188	6	0	0	0.01	0.26	0
8970021	8970020	1.47	2 1-	2 ACSR 6/1	0	0	1922	186	6	0	0	0.00	0.26	0
8870191	8970021	1.55	1 1-	2 ACSR 6/1	0	0	1842	185	6	0	0	0.00	0.26	0
8870120	8970021	1.58	1 1-	2 ACSR 6/1	0	0	1819	185	0	0	0	0.00	0.26	0
8860056	8870120	1.68	0 1-	2 ACSR 6/1	0	0	1731	184	0	0	0	0.00	0.26	0
8860057	8860056	1.73	0 1-	2 ACSR 6/1	0	0	1688	184	0	0	0	0.00	0.26	0
8860027	8870120	1.64	1 1-	2 ACSR 6/1	0	0	1766	185	0	0	0	0.00	0.26	0
8970026	8970022	0.94	49 3-	1/0 ACSR 6/1	2973	2819	2639	190	293	12	5	-0.02	0.26	12
8970039	8970026	1.00	43 1-	2 ACSR 6/1	0	0	2539	190	262	32	18	0.05	0.64	11
8960039	8970039	1.04	42 1-	2 ACSR 6/1	0	0	2469	190	254	32	18	0.04	0.68	8
8960026	8960039	1.08	42 1-	2 ACSR 6/1	0	0	2412	189	254	32	18	0.03	0.71	7
8960020	8960026	1.11	41 1-	2 ACSR 6/1	0	0	2371	189	246	31	17	0.02	0.74	5
8960021	8960020	1.15	40 1-	2 ACSR 6/1	0	0	2313	189	240	30	17	0.03	0.77	6
8960023	8960021	1.17	37 1-	2 ACSR 6/1	0	0	2276	189	226	28	16	0.02	0.79	4
8960024	8960023	1.22	36 1-	2 ACSR 6/1	0	0	2221	188	218	27	15	0.03	0.82	5
8960027	8960024	1.25	35 1-	2 ACSR 6/1	0	0	2178	188	212	26	15	0.02	0.85	4
8960029	8960027	1.32	30 1-	2 ACSR 6/1	0	0	2100	187	177	22	12	0.04	0.89	6
8960031	8960029	1.39	26 1-	2 ACSR 6/1	0	0	2020	187	166	20	12	0.04	0.93	5
8960040	8960031	1.46	21 1-	2 ACSR 6/1	0	0	1940	186	137	17	10	0.04	0.96	4
8960041	8960040	1.60	1 1-	2 ACSR 6/1	0	0	1815	185	0	0	0	0.00	0.96	0
8960042	8960040	1.78	20 1-	2 ACSR 6/1	0	0	1670	184	136	17	10	0.14	1.10	15
8860051	8960042	1.83	19 1-	2 ACSR 6/1	0	0	1627	183	125	15	9	0.02	1.13	2
8860052	8860051	1.88	18 1-	2 ACSR 6/1	0	0	1592	183	117	14	8	0.02	1.15	2
8860049	8860052	1.91	3 1-	2 ACSR 6/1	0	0	1573	183	21	2	1	0.00	1.15	0
8860050	8860049	2.01	2 1-	2 ACSR 6/1	0	0	1510	182	14	1	1	0.00	1.15	0
8860044	8860052	1.94	10 1-	2 ACSR 6/1	0	0	1555	183	64	8	5	0.01	1.16	0
8860045	8860044	2.00	8 1-	2 ACSR 6/1	0	0	1519	182	58	7	4	0.01	1.17	0
8860046	8860045	2.03	8 1-	2 ACSR 6/1	0	0	1498	182	58	7	4	0.01	1.18	0
8860048	8860046	2.13	7 1-	2 ACSR 6/1	0	0	1441	181	51	6	4	0.02	1.19	0
8860054	8860048	2.20	6 1-	2 ACSR 6/1	0	0	1399	181	44	5	3	0.01	1.21	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8860055	8860054	2.28	5 1-	2 ACSR 6/1	0	0	1358	180	36	4	3	0.01	1.21	0
D08-86-P030	8860055	2.28	2 1-	FUS	0	0	1358	180	12	1	33	0.00	1.21	0
8860065	D08-86-P030	2.31	2 1-	2 ACSR 6/1	0	0	1346	180	12	1	1	0.00	1.22	0
8860059	8860065	2.59	1 1-	2 ACSR 6/1	0	0	1219	178	3	0	0	0.00	1.22	0
8860053	8860055	2.32	2 1-	2 ACSR 6/1	0	0	1338	180	20	2	1	0.00	1.22	0
8860060	8860053	2.43	1 1-	2 ACSR 6/1	0	0	1287	179	10	1	1	0.00	1.22	0
8860061	8860060	2.55	1 1-	2 ACSR 6/1	0	0	1236	178	10	1	1	0.00	1.22	0
8860047	8860046	2.08	1 1-	2 ACSR 6/1	0	0	1469	182	7	0	1	0.00	1.18	0
8860028	8860052	1.96	2 1-	2 ACSR 6/1	0	0	1541	182	11	1	1	0.00	1.15	0
8860029	8860028	2.11	0 1-	2 ACSR 6/1	0	0	1453	181	0	0	0	0.00	1.15	0
8860041	8860029	2.17	0 1-	2 ACSR 6/1	0	0	1418	181	0	0	0	0.00	1.15	0
8860025	8860052	2.25	3 1-	2 ACSR 6/1	0	0	1376	180	20	2	1	0.02	1.17	0
8860058	8860025	2.66	1 1-	2 ACSR 6/1	0	0	1189	177	4	0	0	0.00	1.18	0
8860042	8860025	2.45	2 1-	2 ACSR 6/1	0	0	1278	179	15	1	1	0.01	1.18	0
8860043	8860042	2.54	1 1-	2 ACSR 6/1	0	0	1241	178	8	1	1	0.00	1.18	0
8960034	8960031	1.45	1 1-	2 ACSR 6/1	0	0	1958	186	0	0	0	0.00	0.93	0
8960032	8960031	1.42	2 1-	2 ACSR 6/1	0	0	1985	187	18	2	1	0.00	0.93	0
8960033	8960032	1.45	1 1-	2 ACSR 6/1	0	0	1951	186	10	1	1	0.00	0.93	0
8960017	8960032	1.53	1 1-	2 ACSR 6/1	0	0	1880	186	8	1	1	0.00	0.93	0
8960030	8960029	1.35	1 1-	2 ACSR 6/1	0	0	2057	187	3	0	0	0.00	0.89	0
8960028	8960027	1.37	3 1-	2 ACSR 6/1	0	0	2039	187	18	2	1	0.01	0.85	0
8960035	8960028	1.46	1 1-	2 ACSR 6/1	0	0	1940	186	11	1	1	0.00	0.85	0
8960022	8960021	1.22	1 1-	2 ACSR 6/1	0	0	2221	188	5	0	0	0.00	0.77	0
8960019	8960026	1.13	1 1-	2 ACSR 6/1	0	0	2337	189	8	1	1	0.00	0.71	0
8970018	8970026	0.97	6 1-	2 ACSR 6/1	0	0	2577	190	31	3	2	0.00	-0.07	0
8970031	8970018	1.07	4 1-	2 ACSR 6/1	0	0	2427	189	19	2	1	0.01	-0.07	0
8960025	8970031	1.09	3 1-	2 ACSR 6/1	0	0	2395	189	13	1	1	0.00	-0.07	0
8970030	8970018	1.02	2 1-	2 ACSR 6/1	0	0	2500	190	12	1	1	0.00	-0.07	0
8960018	8970030	1.09	1 1-	2 ACSR 6/1	0	0	2397	189	8	1	1	0.00	-0.07	0
14070065	14070058	0.29	1 1-	2 ACSR 6/1	0	0	4069	194	4	0	0	0.00	0.15	0
14070032	14070101	0.13	535 3-	4/0 ACSR 6/1	4543	4544	4736	195	3881	161	48	0.08	0.16	302
14070033	14070032	0.21	535 3-	4/0 ACSR 6/1	4359	4332	4428	195	3878	161	48	0.09	0.26	334
14070084	14070033	0.34	10 1-	2 ACSR 6/1	0	0	3941	194	52	6	4	0.02	0.19	0
14170012	14070084	0.37	4 1-	2 ACSR 6/1	0	0	3826	193	23	2	2	0.00	0.19	0
14170027	14170012	0.41	3 1-	2 ACSR 6/1	0	0	3702	193	15	1	1	0.00	0.19	0
14170028	14170027	0.46	0 1-	2 ACSR 6/1	0	0	3549	193	0	0	0	0.00	0.19	0
14170034	14170027	0.46	2 1-	2 ACSR 6/1	0	0	3553	193	12	1	1	0.00	0.19	0
14170046	14170034	0.52	1 1-	2 ACSR 6/1	0	0	3378	192	10	1	1	0.00	0.19	0
14170021	14070084	0.39	5 1-	2 ACSR 6/1	0	0	3762	193	27	3	2	0.00	0.19	0
14170020	14170021	0.44	4 1-	2 ACSR 6/1	0	0	3622	193	22	2	2	0.00	0.19	0
14070055	14170020	0.49	2 1-	2 ACSR 6/1	0	0	3465	192	8	0	1	0.00	0.19	0
14070035	14170020	0.46	2 1-	2 ACSR 6/1	0	0	3532	193	14	1	1	0.00	0.19	0
14070054	14070035	0.50	1 1-	2 ACSR 6/1	0	0	3424	192	5	0	0	0.00	0.19	0
14070085	14070033	0.43	523 3-	4/0 ACSR 6/1	3952	3871	3799	194	3820	159	47	0.23	0.51	817
14170035	14070085	0.49	1 1-	2 ACSR 6/1	0	0	3601	193	3	0	0	0.00	0.44	0
14170032	14070085	0.49	520 3-	4/0 ACSR 6/1	3854	3762	3658	194	3797	158	47	0.06	0.57	219
14170033	14170032	0.54	2 1-	2 ACSR 6/1	0	0	3496	193	8	1	1	0.00	0.90	0
14170031	14170032	0.53	17 1-	2 ACSR 6/1	0	0	3528	193	105	13	7	0.02	0.52	1
14170019	14170031	0.64	6 1-	2 ACSR 6/1	0	0	3243	193	34	4	2	0.01	0.53	0
14170023	14170019	0.69	4 1-	2 ACSR 6/1	0	0	3123	192	24	3	2	0.00	0.53	0
14170024	14170023	0.78	2 1-	2 ACSR 6/1	0	0	2909	191	13	1	1	0.00	0.53	0
14070059	14170024	0.84	1 1-	2 ACSR 6/1	0	0	2789	191	8	0	1	0.00	0.53	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14170017	14170031	0.56	10 1-	2 ACSR 6/1	0	0	3446	193	64	8	4	0.01	0.52	0
14170018	14170017	0.61	9 1-	2 ACSR 6/1	0	0	3303	193	59	7	4	0.01	0.53	0
14170025	14170018	0.66	7 1-	2 ACSR 6/1	0	0	3194	192	49	6	3	0.01	0.54	0
14170022	14170025	0.75	2 1-	2 ACSR 6/1	0	0	2973	192	14	1	1	0.00	0.54	0
14170041	14170025	0.74	3 1-	2 ACSR 6/1	0	0	3006	192	22	2	2	0.01	0.54	0
14170043	14170041	0.82	1 1-	2 ACSR 6/1	0	0	2837	191	10	1	1	0.00	0.55	0
14170042	14170041	0.77	2 1-	2 ACSR 6/1	0	0	2932	191	12	1	1	0.00	0.55	0
14170029	14170032	0.56	500 3-	4/0 ACSR 6/1	3735	3630	3490	193	3669	153	45	0.07	0.66	268
14170030	14170029	0.67	2 1-	2 ACSR 6/1	0	0	3204	193	18	2	1	0.00	0.37	0
14170011	14170029	0.71	498 3-	4/0 ACSR 6/1	3524	3400	3206	193	3649	153	45	0.13	0.81	511
14170010	14170011	0.78	497 3-	4/0 ACSR 6/1	3428	3297	3082	193	3641	152	45	0.06	0.89	252
14170026	14170010	0.85	1 1- 15	KV 2 URD XLP	0	0	2942	490	15	1	1	0.00	0.76	0
14170044	14170010	0.81	496 3-	4/0 ACSR 6/1	3381	3247	3022	193	3624	152	45	0.03	0.93	127
14170045	14170044	0.84	494 3-	4/0 ACSR 6/1	3341	3203	2971	193	3615	151	45	0.03	0.97	113
14170016	14170045	0.92	1 1-	2 ACSR 6/1	0	0	2823	192	6	0	0	0.00	0.52	0
14170015	14170045	1.00	493 3-	4/0 ACSR 6/1	3156	3007	2745	192	3609	151	45	0.14	1.13	547
14160064	14170015	1.06	492 3-	4/0 ACSR 6/1	3086	2935	2662	192	3602	151	45	0.06	1.20	221
14160110	14160064	1.11	154 3-	1/0 ACSR 6/1	3020	2865	2591	192	865	36	16	0.03	1.23	19
14160111	14160110	1.21	150 3-	1/0 ACSR 6/1	2906	2746	2469	191	836	35	15	0.05	1.28	33
14160075	14160111	1.27	149 3-	1/0 ACSR 6/1	2830	2667	2390	191	828	34	15	0.03	1.31	23
14160078	14160075	1.30	144 3-	1/0 ACSR 6/1	2794	2631	2353	190	804	33	15	0.02	1.33	10
14160082	14160078	1.35	141 3-	1/0 ACSR 6/1	2747	2582	2304	190	796	33	15	0.02	1.35	14
14160116	14160082	1.40	137 3-	1/0 ACSR 6/1	2691	2524	2247	190	772	32	14	0.02	1.37	17
14160109	14160116	1.44	137 3-	1/0 ACSR 6/1	2645	2477	2201	190	772	32	14	0.02	1.40	14
14160080	14160109	1.50	0 1-	2 ACSR 6/1	0	0	2130	189	0	0	0	0.00	1.21	0
14160069	14160109	1.55	137 3-	1/0 ACSR 6/1	2543	2373	2100	189	772	32	14	0.05	1.45	33
14160079	14160069	1.66	2 1-	2 ACSR 6/1	0	0	1980	188	18	2	1	0.01	1.26	0
14160148	14160079	1.70	1 1-	1/0 ACSR 6/1	0	0	1948	188	8	0	0	0.00	1.26	0
14160070	14160069	1.59	134 3-	1/0 ACSR 6/1	2503	2333	2061	189	749	31	14	0.02	1.47	13
D14-16-P129	14160070	1.59	134 3-	REC-50-L	2503	2333	2061	189	749	31	63	0.00	1.47	0
14160071	D14-16-P129	1.61	134 3-	1/0 ACSR 6/1	2485	2315	2043	189	749	31	14	0.01	1.48	6
14160084	14160071	1.63	133 3-	1/0 ACSR 6/1	2462	2291	2021	189	737	31	14	0.01	1.49	7
14160100	14160084	1.71	1 1-	2 ACSR 6/1	0	0	1947	188	14	1	1	0.00	2.19	0
14160086	14160084	1.72	132 3-	1/0 ACSR 6/1	2384	2213	1946	188	723	30	13	0.04	1.53	25
14160085	14160086	1.80	87 3-	2 ACSR 6/1	2311	2139	1877	188	467	19	11	0.07	1.56	18
14160092	14160085	1.96	14 1-	2 ACSR 6/1	0	0	1742	186	85	10	6	0.05	2.28	3
14160093	14160092	2.09	13 1-	2 ACSR 6/1	0	0	1643	185	80	10	6	0.03	2.31	2
14160094	14160093	2.14	2 1-	2 ACSR 6/1	0	0	1609	185	11	1	1	0.00	2.31	0
14160132	14160093	2.17	6 1-	2 ACSR 6/1	0	0	1588	185	40	5	3	0.01	2.32	0
14160136	14160132	2.20	5 1-	2 ACSR 6/1	0	0	1573	185	32	4	2	0.00	2.32	0
14160141	14160136	2.23	3 1-	2 ACSR 6/1	0	0	1554	184	21	2	2	0.00	2.32	0
14160098	14160141	2.28	2 1-	2 ACSR 6/1	0	0	1523	184	13	1	1	0.00	2.33	0
14160099	14160098	2.30	1 1-	2 ACSR 6/1	0	0	1508	184	11	1	1	0.00	2.33	0
14160140	14160136	2.27	1 1-	2 ACSR 6/1	0	0	1526	184	4	0	0	0.00	2.32	0
14160135	14160140	2.32	0 1-	2 ACSR 6/1	0	0	1496	184	0	0	0	0.00	2.32	0
14160131	14160093	2.13	3 1-	2 ACSR 6/1	0	0	1618	185	18	2	1	0.00	2.31	0
14160147	14160131	2.15	2 1-	2 ACSR 6/1	0	0	1607	185	11	1	1	0.00	2.31	0
14160090	14160085	1.85	7 1-	2 ACSR 6/1	0	0	1836	187	40	5	3	0.01	1.07	0
14160091	14160090	1.88	7 1-	2 ACSR 6/1	0	0	1803	187	40	5	3	0.00	1.07	0
14160101	14160091	1.94	4 1-	2 ACSR 6/1	0	0	1754	186	24	3	2	0.00	1.08	0
14160102	14160101	1.98	3 1-	2 ACSR 6/1	0	0	1729	186	16	2	1	0.00	1.08	0
14160103	14160102	2.07	1 1-	2 ACSR 6/1	0	0	1662	186	7	0	0	0.00	1.08	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14160117	14160085	2.02	66 3-	2 ACSR 6/1	2112	1938	1696	186	342	14	8	0.21	1.64	44
14160119	14160117	2.15	1 1-	2 ACSR 6/1	0	0	1607	185	8	1	1	0.00	1.61	0
14160118	14160117	2.08	63 3-	2 ACSR 6/1	2060	1885	1649	185	328	13	8	0.06	1.66	12
14160145	14160118	2.17	0 1-	2 ACSR 6/1	0	0	1588	185	0	0	0	0.00	1.66	0
14160146	14160145	2.27	0 1-	15 KV 2 URD XLP	0	0	1529	435	0	0	0	0.00	1.66	0
14160121	14160118	2.16	62 3-	2 ACSR 6/1	1999	1825	1595	185	316	13	7	0.07	1.68	13
14160122	14160121	2.32	61 3-	2 ACSR 6/1	1884	1712	1495	184	309	13	7	0.14	1.73	27
14160123	14160122	2.52	4 1-	2 ACSR 6/1	0	0	1388	182	26	3	2	0.01	1.88	0
14160134	14160123	2.70	1 1-	2 ACSR 6/1	0	0	1301	181	12	1	1	0.00	1.89	0
14160133	14160123	2.58	2 1-	2 ACSR 6/1	0	0	1354	182	5	0	0	0.00	1.88	0
14160125	14160133	2.65	1 1-	2 ACSR 6/1	0	0	1322	181	5	0	0	0.00	1.88	0
14160124	14160133	2.65	1 1-	2 ACSR 6/1	0	0	1324	181	0	0	0	0.00	1.88	0
14160057	14160122	2.36	43 1-	2 ACSR 6/1	0	0	1471	183	215	27	15	0.03	1.90	5
D14-16-P199	14160057	2.36	43 1-	RBC-35-H	0	0	1471	183	214	27	78	0.00	1.90	0
14160062	D14-16-P199	2.41	43 1-	2 ACSR 6/1	0	0	1444	183	214	27	15	0.04	1.94	7
14160059	14160062	2.47	42 1-	2 ACSR 6/1	0	0	1412	182	211	26	15	0.04	1.98	8
14160138	14160059	2.51	2 1-	2 ACSR 6/1	0	0	1393	182	10	1	1	0.00	1.98	0
14160127	14160059	2.57	40 1-	2 ACSR 6/1	0	0	1363	182	201	25	14	0.07	2.05	11
14160128	14160127	2.63	38 1-	2 ACSR 6/1	0	0	1334	181	191	24	13	0.04	2.08	6
14160139	14160128	2.72	36 1-	2 ACSR 6/1	0	0	1291	181	176	22	13	0.06	2.14	8
14150026	14160139	2.97	33 1-	2 ACSR 6/1	0	0	1188	179	166	21	12	0.14	2.28	19
14150033	14150026	3.02	30 1-	2 ACSR 6/1	0	0	1168	178	150	19	11	0.03	2.31	3
14150041	14150033	3.12	21 1-	2 ACSR 6/1	0	0	1131	178	109	13	8	0.04	2.35	3
14150027	14150041	3.17	20 1-	2 ACSR 6/1	0	0	1116	177	106	13	8	0.02	2.36	1
14150023	14150027	3.27	18 1-	2 ACSR 6/1	0	0	1083	177	105	13	7	0.04	2.40	3
14150024	14150023	3.31	1 1-	2 ACSR 6/1	0	0	1070	176	5	0	0	0.00	2.40	0
14150018	14150023	3.35	17 1-	2 ACSR 6/1	0	0	1057	176	99	12	7	0.03	2.43	2
14150028	14150018	3.41	1 1-	2 ACSR 6/1	0	0	1041	176	5	0	0	0.00	2.43	0
14150029	14150018	3.45	15 1-	2 ACSR 6/1	0	0	1028	175	85	10	6	0.03	2.46	2
14150031	14150029	3.50	10 1-	2 ACSR 6/1	0	0	1014	175	59	7	4	0.01	2.47	0
14150019	14150031	3.56	8 1-	2 ACSR 6/1	0	0	996	174	46	5	3	0.01	2.48	0
14150020	14150019	3.62	1 1-	2 ACSR 6/1	0	0	982	174	0	0	0	0.00	2.48	0
14150039	14150019	3.69	3 1-	2 ACSR 6/1	0	0	964	174	16	2	1	0.00	2.48	0
14150032	14150039	3.78	0 1-	2 ACSR 6/1	0	0	940	173	0	0	0	0.00	2.48	0
14150037	14150019	3.70	2 1-	2 ACSR 6/1	0	0	961	174	15	1	1	0.01	2.48	0
14150038	14150037	3.73	1 1-	2 ACSR 6/1	0	0	952	173	7	0	1	0.00	2.48	0
14150030	14150029	3.49	3 1-	2 ACSR 6/1	0	0	1016	175	22	2	2	0.00	2.46	0
14150042	14150030	3.64	2 1-	2 ACSR 6/1	0	0	976	174	19	2	1	0.01	2.47	0
14150017	14150042	3.75	1 1-	2 ACSR 6/1	0	0	949	173	8	1	1	0.00	2.47	0
14150044	14150033	3.08	8 1-	2 ACSR 6/1	0	0	1147	178	30	3	2	0.01	2.31	0
14150045	14150044	3.13	7 1-	2 ACSR 6/1	0	0	1129	178	26	3	2	0.00	2.32	0
14150040	14150045	3.24	5 1-	2 ACSR 6/1	0	0	1093	177	20	2	1	0.01	2.33	0
14150034	14150040	3.31	4 1-	2 ACSR 6/1	0	0	1069	176	13	1	1	0.00	2.33	0
14150036	14150034	3.36	2 1-	2 ACSR 6/1	0	0	1054	176	5	0	0	0.00	2.33	0
14150016	14150036	3.47	1 1-	2 ACSR 6/1	0	0	1023	175	0	0	0	0.00	2.33	0
14150035	14150034	3.39	1 1-	2 ACSR 6/1	0	0	1045	176	1	0	0	0.00	2.33	0
14150021	14150026	3.03	2 1-	2 ACSR 6/1	0	0	1166	178	8	1	1	0.00	2.28	0
14150025	14160139	2.79	1 1-	2 ACSR 6/1	0	0	1260	180	4	0	0	0.00	2.14	0
14150022	14150025	2.89	0 1-	2 ACSR 6/1	0	0	1219	179	0	0	0	0.00	2.14	0
14160058	14160062	2.49	0 1-	2 ACSR 6/1	0	0	1403	182	0	0	0	0.00	1.94	0
14160126	14160062	2.46	1 1-	2 ACSR 6/1	0	0	1417	183	3	0	0	0.00	1.94	0
14160129	14160122	2.49	14 3-	2 ACSR 6/1	1774	1605	1401	182	68	2	2	0.00	1.74	1

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14160137	14160129	2.54	8 3-	2 ACSR 6/1	1744		1376	182	42	1	0	0.00	1.74	0
14160104	14160137	2.58	4 1-	2 ACSR 6/1	0	0	1356	182	24	3	2	0.00	2.23	0
14160088	14160104	2.62	1 1-	2 ACSR 6/1	0	0	1335	181	2	0	0	0.00	2.23	0
14160089	14160088	2.66	1 1-	2 ACSR 6/1	0	0	1318	181	2	0	0	0.00	2.23	0
14160087	14160104	2.61	1 1-	2 ACSR 6/1	0	0	1340	181	7	0	1	0.00	2.23	0
14160130	14160129	2.56	1 1-	2 ACSR 6/1	0	0	1367	182	13	1	1	0.00	1.13	0
14160120	14160118	2.15	1 1-	2 ACSR 6/1	0	0	1605	185	12	1	1	0.00	1.67	0
14160056	14160085	1.81	0 1-	2 ACSR 6/1	0	0	1862	188	0	0	0	0.00	1.40	0
14160096	14160086	1.87	40 3-	1/0 ACSR 6/1	2268	2097	1836	187	243	10	4	-0.03	1.55	16
D14-16-P006	14160096	1.87	34 1-	REC-35-H	0	0	1836	187	228	28	82	0.00	1.13	0
14160097	D14-16-P006	1.90	34 1-	2 ACSR 6/1	0	0	1807	187	228	28	16	0.03	1.16	5
14160105	14160097	1.95	32 1-	2 ACSR 6/1	0	0	1771	187	226	28	16	0.03	1.19	6
14160107	14160105	1.98	31 1-	2 ACSR 6/1	0	0	1742	187	220	27	16	0.03	1.22	5
14160115	14160107	2.02	15 1-	2 ACSR 6/1	0	0	1714	186	101	12	7	0.01	1.23	0
14060033	14160115	2.05	14 1-	2 ACSR 6/1	0	0	1694	186	93	11	7	0.01	1.24	0
14060022	14060033	2.11	12 1-	2 ACSR 6/1	0	0	1647	186	76	9	5	0.02	1.26	0
14060023	14060022	2.18	10 1-	2 ACSR 6/1	0	0	1603	185	72	9	5	0.02	1.27	0
14060031	14060023	2.21	9 1-	2 ACSR 6/1	0	0	1580	185	62	7	4	0.01	1.28	0
14060040	14060031	2.26	8 1-	2 ACSR 6/1	0	0	1551	184	53	6	4	0.01	1.29	0
14060039	14060040	2.34	5 1-	2 ACSR 6/1	0	0	1500	184	39	4	3	0.01	1.30	0
14060036	14060039	2.40	3 1-	2 ACSR 6/1	0	0	1468	183	26	3	2	0.00	1.30	0
14060037	14060036	2.44	1 1-	2 ACSR 6/1	0	0	1443	183	8	0	1	0.00	1.30	0
14060038	14060040	2.34	2 1-	2 ACSR 6/1	0	0	1501	184	11	1	1	0.00	1.29	0
14060024	14060038	2.40	1 1-	2 ACSR 6/1	0	0	1463	183	10	1	1	0.00	1.29	0
14060030	14060023	2.24	1 1-	2 ACSR 6/1	0	0	1564	185	10	1	1	0.00	1.28	0
14060016	14060033	2.15	2 1-	2 ACSR 6/1	0	0	1620	185	17	2	1	0.01	1.25	0
14060017	14060016	2.20	1 1-	2 ACSR 6/1	0	0	1584	185	13	1	1	0.00	1.25	0
14160106	14160107	2.02	13 1-	2 ACSR 6/1	0	0	1711	186	92	11	6	0.01	1.23	0
14060025	14160106	2.05	11 1-	2 ACSR 6/1	0	0	1692	186	78	9	5	0.01	1.24	0
14060028	14060025	2.11	6 1-	2 ACSR 6/1	0	0	1649	186	48	6	3	0.01	1.25	0
14060029	14060028	2.18	4 1-	2 ACSR 6/1	0	0	1599	185	31	3	2	0.01	1.25	0
14060020	14060029	2.24	2 1-	2 ACSR 6/1	0	0	1560	185	21	2	1	0.00	1.26	0
14060021	14060020	2.28	2 1-	2 ACSR 6/1	0	0	1538	184	21	2	1	0.00	1.26	0
14060018	14060025	2.17	5 1-	2 ACSR 6/1	0	0	1606	185	30	3	2	0.01	1.25	0
14060034	14060018	2.26	4 1-	2 ACSR 6/1	0	0	1546	184	18	2	1	0.00	1.25	0
14060026	14060034	2.36	2 1-	2 ACSR 6/1	0	0	1491	184	8	1	1	0.00	1.26	0
14060035	14060034	2.37	1 1-	2 ACSR 6/1	0	0	1483	184	5	0	0	0.00	1.26	0
14160108	14160107	2.04	2 1-	2 ACSR 6/1	0	0	1700	186	17	2	1	0.00	1.22	0
14160095	14160096	1.95	5 1-	2 ACSR 6/1	0	0	1771	187	15	1	1	0.00	1.14	0
14060027	14160095	2.03	4 1-	2 ACSR 6/1	0	0	1705	186	14	1	1	0.00	1.14	0
14060032	14060027	2.08	2 1-	2 ACSR 6/1	0	0	1668	186	5	0	0	0.00	1.14	0
14060019	14060032	2.14	0 1-	2 ACSR 6/1	0	0	1625	185	0	0	0	0.00	1.14	0
14060015	14060032	2.12	2 1-	2 ACSR 6/1	0	0	1638	185	5	0	0	0.00	1.14	0
14160068	14160078	1.36	1 1-	2 ACSR 6/1	0	0	2284	190	0	0	0	0.00	1.14	0
14160076	14160075	1.38	3 1-	2 ACSR 6/1	0	0	2241	190	15	1	1	0.00	1.13	0
14160077	14160076	1.51	0 1-	2 ACSR 6/1	0	0	2090	189	0	0	0	0.00	1.13	0
14160065	14160064	1.13	337 3-	4/0 ACSR 6/1	3017	2862	2581	192	2726	114	34	0.04	1.25	141
14160066	14160065	1.29	332 3-	4/0 ACSR 6/1	2857	2697	2400	191	2686	113	33	0.10	1.38	341
14160112	14160066	1.32	3 3-	4/0 ACSR 6/1	2831	2670	2371	191	8	0	0	0.00	1.38	0
14160060	14160066	1.37	329 3-	4/0 ACSR 6/1	2789	2627	2324	191	2675	113	33	0.05	1.44	157
14160083	14160060	1.69	3 1-	2 ACSR 6/1	0	0	1968	188	17	2	1	0.01	2.45	0
14160081	14160083	1.75	1 1-	2 ACSR 6/1	0	0	1905	188	7	0	1	0.00	2.45	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14160061	14160060	1.47	326 3-	4/0 ACSR 6/1	2704	2541	2232	190	2656	112	33	0.06	1.51	201
14160113	14160061	1.54	324 3-	4/0 ACSR 6/1	2643	2479	2167	190	2651	112	33	0.05	1.57	153
14160114	14160113	1.62	322 3-	4/0 ACSR 6/1	2584	2420	2105	190	2641	111	33	0.05	1.62	151
14260109	14160114	1.82	321 3-	4/0 ACSR 6/1	2440	2275	1956	189	2637	111	33	0.13	1.77	404
14260123	14260109	2.00	320 3-	4/0 ACSR 6/1	2325	2161	1841	189	2630	111	33	0.11	1.90	355
14260128	14260123	2.08	1 1- 15	KV 2 URD XLP	0	0	1781	459	8	1	1	0.00	1.60	0
14260127	14260123	2.04	319 3-	4/0 ACSR 6/1	2298	2134	1814	188	2619	111	33	0.03	1.93	89
14260125	14260127	2.15	1 1- 15	KV 2 URD XLP	0	0	1740	457	4	0	0	0.00	1.62	0
14260124	14260127	2.08	318 3-	4/0 ACSR 6/1	2277	2114	1794	188	2613	111	33	0.02	1.96	68
14260079	14260124	2.13	1 1- 15	KV 2 URD XLP	0	0	1759	460	16	2	1	0.00	1.64	0
14260115	14260124	2.12	317 3-	4/0 ACSR 6/1	2250	2087	1767	188	2596	110	32	0.03	1.99	92
14270048	14260115	2.20	8 1-	2 ACSR 6/1	0	0	1711	188	37	4	3	0.01	0.76	0
14270049	14270048	2.24	7 1-	2 ACSR 6/1	0	0	1681	187	29	3	2	0.00	0.76	0
14270060	14270049	2.28	6 1-	2 ACSR 6/1	0	0	1653	187	29	3	2	0.00	0.77	0
14260114	14270060	2.33	4 1-	2 ACSR 6/1	0	0	1623	187	20	2	1	0.00	0.77	0
14270037	14260114	2.44	3 1-	2 ACSR 6/1	0	0	1551	186	12	1	1	0.00	0.77	0
14270045	14270037	2.52	2 1-	2 ACSR 6/1	0	0	1503	185	8	0	1	0.00	0.77	0
14270046	14270045	2.62	1 1-	2 ACSR 6/1	0	0	1448	184	7	0	0	0.00	0.78	0
14270061	14270046	2.67	1 1-	2 ACSR 6/1	0	0	1421	184	7	0	0	0.00	0.78	0
14270058	14260115	2.22	79 3-	1/0 ACSR 6/1	2183	2020	1708	188	1418	60	26	0.07	2.07	99
14260086	14270058	2.26	79 3-	1/0 ACSR 6/1	2156	1993	1684	187	1417	60	26	0.03	2.11	41
D14-26-P044	14260086	2.26	79 3-	REC-100-6H	2156	1993	1684	187	1417	60	60	0.00	2.11	0
14260039	D14-26-P044	2.33	79 3-	1/0 ACSR 6/1	2105	1942	1639	187	1417	60	26	0.06	2.18	82
14260081	14260039	2.43	75 3-	1/0 ACSR 6/1	2042	1880	1584	187	1392	59	26	0.08	2.26	101
14260111	14260081	2.48	74 3-	1/0 ACSR 6/1	2015	1854	1561	186	1385	58	26	0.03	2.30	44
14260112	14260111	2.82	74 3-	1/0 ACSR 6/1	1827	1670	1401	184	1384	58	26	0.26	2.59	344
D14-26-P027	14260112	2.82	7 1-	FUS-30	0	0	1401	184	17	2	8	0.00	4.32	0
14260121	D14-26-P027	2.95	7 1-	2 ACSR 6/1	0	0	1338	183	17	2	1	0.01	4.33	0
14260082	14260121	3.01	7 1-	2 ACSR 6/1	0	0	1309	183	17	2	1	0.00	4.33	0
14260096	14260082	3.08	4 1-	2 ACSR 6/1	0	0	1280	182	9	1	1	0.00	4.33	0
14260097	14260096	3.13	0 1-	2 ACSR 6/1	0	0	1261	182	0	0	0	0.00	4.33	0
14260083	14260097	3.18	0 1-	2 ACSR 6/1	0	0	1241	182	0	0	0	0.00	4.33	0
14260037	14260112	3.00	67 3-	1/0 ACSR 6/1	1742	1587	1330	184	1364	58	25	0.13	2.74	174
14-26-P025-B	14260037	3.00	67 3-	Closed	1742	1587	1330	184	1362	58	0	0.00	2.74	0
14-26-P025-A	14-26-P025-B	3.00	67 3-	Closed	1742	1587	1330	184	1362	58	0	0.00	2.74	0
14260084	14-26-P025-A	3.03	67 3-	1/0 ACSR 6/1	1726	1572	1317	183	1362	58	25	0.03	2.77	34
14260085	14260084	3.13	64 3-	1/0 ACSR 6/1	1684	1531	1282	183	1350	57	25	0.07	2.84	92
14260101	14260085	3.21	4 1-	2 ACSR 6/1	0	0	1249	182	22	2	2	0.01	1.48	0
14260102	14260101	3.26	2 1-	2 ACSR 6/1	0	0	1228	182	16	1	1	0.00	1.48	0
14260090	14260085	3.26	60 3-	1/0 ACSR 6/1	1627	1477	1236	182	1327	56	25	0.10	2.95	125
14260089	14260090	3.30	58 3-	1/0 ACSR 6/1	1610	1461	1222	182	1310	55	24	0.03	2.99	39
14260091	14260089	3.40	23 1-	2 ACSR 6/1	0	0	1186	181	108	14	8	0.04	4.86	3
14260092	14260091	3.43	2 1-	2 ACSR 6/1	0	0	1173	181	4	0	0	0.00	4.86	0
14260093	14260091	3.49	20 1-	2 ACSR 6/1	0	0	1154	180	101	13	7	0.03	4.89	3
14260094	14260093	3.54	18 1-	2 ACSR 6/1	0	0	1135	180	98	12	7	0.02	4.91	2
D14-26-P015	14260094	3.54	18 1-	REC-50-H	0	0	1135	180	98	12	26	0.00	4.91	0
14260041	D14-26-P015	3.76	18 1-	2 ACSR 6/1	0	0	1068	179	98	12	7	0.07	4.98	6
14260116	14260041	3.79	16 1-	2 ACSR 6/1	0	0	1057	178	81	10	6	0.01	4.99	0
14360040	14260116	3.87	14 1-	2 ACSR 6/1	0	0	1035	178	65	8	5	0.02	5.01	0
14360041	14360040	4.14	1 1-	2 ACSR 6/1	0	0	962	176	14	1	1	0.01	5.02	0
14360033	14360040	4.12	13 1-	2 ACSR 6/1	0	0	968	176	50	6	4	0.05	5.05	2
14360056	14360033	4.21	1 1-	2 ACSR 6/1	0	0	946	175	1	0	0	0.00	5.05	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14360043	14360033	4.24	11 1-	2 ACSR 6/1	0	0	938	175	43	5	3	0.02	5.07	0
14360045	14360043	4.29	3 1-	2 ACSR 6/1	0	0	926	175	8	0	1	0.00	5.07	0
14360046	14360045	4.49	1 1-	2 ACSR 6/1	0	0	883	173	3	0	0	0.00	5.07	0
14360044	14360043	4.25	0 1-	2 ACSR 6/1	0	0	936	175	0	0	0	0.00	5.07	0
14-36-P008-B	14360044	4.25	0 1-	Open	0	0	936	175	0	0	0	0.00	5.07	0
14360047	14360043	4.38	7 1-	2 ACSR 6/1	0	0	907	174	29	3	2	0.01	5.09	0
14360048	14360047	4.42	7 1-	2 ACSR 6/1	0	0	898	174	29	3	2	0.00	5.09	0
14360049	14360048	4.47	7 1-	2 ACSR 6/1	0	0	888	173	29	3	2	0.00	5.10	0
14360037	14360049	4.52	5 1-	2 ACSR 6/1	0	0	876	173	23	3	2	0.00	5.10	0
14360083	14360037	4.67	5 1-	2 ACSR 6/1	0	0	847	172	23	3	2	0.01	5.11	0
14360085	14360083	4.82	0 1-	2 ACSR 6/1	0	0	819	171	0	0	0	0.00	5.11	0
14360084	14360083	4.74	5 1-	2 ACSR 6/1	0	0	834	171	23	3	2	0.01	5.12	0
14360055	14360084	4.86	4 1-	2 ACSR 6/1	0	0	811	171	21	2	2	0.01	5.13	0
14460060	14360055	4.92	1 1-	2 ACSR 6/1	0	0	800	170	2	0	0	0.00	5.13	0
14460036	14360055	4.93	2 1-	2 ACSR 6/1	0	0	799	170	15	1	1	0.00	5.13	0
14460063	14460036	4.95	0 1-	2 ACSR 6/1	0	0	795	170	0	0	0	0.00	5.13	0
14460062	14460036	5.10	2 1-	2 ACSR 6/1	0	0	770	169	15	1	1	0.00	5.13	0
14460061	14460036	4.99	0 1-	2 ACSR 6/1	0	0	788	170	0	0	0	0.00	5.13	0
14460059	14360055	4.92	1 1-	2 ACSR 6/1	0	0	801	170	4	0	0	0.00	5.13	0
14360038	14360037	4.76	0 1-	2 ACSR 6/1	0	0	829	171	0	0	0	0.00	5.10	0
14360039	14360038	4.97	0 1-	2 ACSR 6/1	0	0	792	170	0	0	0	0.00	5.10	0
14360042	14360033	4.18	1 1-	2 ACSR 6/1	0	0	954	175	7	0	1	0.00	5.06	0
14260103	14260041	3.87	2 1-	2 ACSR 6/1	0	0	1036	178	17	2	1	0.00	4.99	0
14260104	14260103	3.97	1 1-	2 ACSR 6/1	0	0	1007	177	7	0	1	0.00	4.99	0
14260110	14260104	4.00	0 1-	2 ACSR 6/1	0	0	998	177	0	0	0	0.00	4.99	0
14260095	14260089	3.38	35 3-	1/0 ACSR 6/1	1582	1434	1199	182	1202	51	22	0.05	3.04	54
14260105	14260095	3.46	33 3-	1/0 ACSR 6/1	1552	1405	1175	181	1182	50	22	0.05	3.10	58
14260106	14260105	3.54	1 1-	2 ACSR 6/1	0	0	1145	180	6	0	0	0.00	1.72	0
14260107	14260106	3.56	1 1-	2 ACSR 6/1	0	0	1139	180	6	0	0	0.00	1.72	0
14260040	14260105	3.52	32 3-	1/0 ACSR 6/1	1529	1384	1156	181	1176	50	22	0.04	3.14	45
14250028	14260040	3.57	32 3-	1/0 ACSR 6/1	1510	1365	1140	180	1176	50	22	0.04	3.18	40
14250050	14250028	3.59	31 3-	1/0 ACSR 6/1	1502	1358	1135	180	1168	49	22	0.01	3.20	15
14250051	14250050	3.64	30 3-	1/0 ACSR 6/1	1488	1345	1123	180	1160	49	22	0.03	3.23	29
14250059	14250051	3.78	28 3-	1/0 ACSR 6/1	1440	1299	1085	179	1151	49	21	0.09	3.33	101
14250060	14250059	3.95	27 3-	1/0 ACSR 6/1	1388	1250	1043	179	1150	49	21	0.11	3.45	118
14250061	14250060	4.01	26 3-	1/0 ACSR 6/1	1370	1233	1029	178	1145	49	21	0.04	3.49	41
14250063	14250061	4.07	13 1-	2 ACSR 6/1	0	0	1012	178	86	11	6	0.02	2.18	1
D14-25-P008	14250063	4.07	12 1-	FUS	0	0	1012	178	77	9	222	0.00	2.18	0
14250067	D14-25-P008	4.34	12 1-	2 ACSR 6/1	0	0	944	176	77	9	5	0.07	2.25	5
14350014	14250067	4.53	9 1-	2 ACSR 6/1	0	0	901	174	69	8	5	0.05	2.30	3
14350016	14350014	4.60	1 1-	15 KV 2 URD XLP	0	0	887	376	3	0	0	0.00	2.30	0
14350015	14350014	4.59	8 1-	2 ACSR 6/1	0	0	888	174	65	8	5	0.01	2.31	0
14350018	14350015	4.67	5 1-	2 ACSR 6/1	0	0	872	173	37	4	3	0.01	2.32	0
14350019	14350018	4.76	4 1-	2 ACSR 6/1	0	0	854	173	28	3	2	0.01	2.33	0
14350017	14350019	4.80	1 1-	15 KV 2 URD XLP	0	0	846	369	9	1	1	0.00	2.33	0
14350005	14350019	4.93	3 1-	2 ACSR 6/1	0	0	822	172	19	2	1	0.01	2.34	0
14350006	14350005	5.21	2 1-	2 ACSR 6/1	0	0	774	170	11	1	1	0.01	2.35	0
14350023	14350006	5.30	1 1-	2 ACSR 6/1	0	0	759	169	3	0	0	0.00	2.35	0
14350022	14350006	5.27	1 1-	2 ACSR 6/1	0	0	765	169	8	1	1	0.00	2.35	0
14350007	14350015	4.66	3 1-	2 ACSR 6/1	0	0	873	173	28	3	2	0.00	2.32	0
14350020	14250067	4.39	1 1-	2 ACSR 6/1	0	0	932	175	4	0	0	0.00	2.26	0
14350008	14250067	4.47	1 1-	2 ACSR 6/1	0	0	915	175	3	0	0	0.00	2.26	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14250062	14250061	4.05	13 3-	1/0 ACSR 6/1	1358	1222	1019	178	1058	45	20	0.03	3.52	25
14250064	14250062	4.09	1 1-	2 ACSR 6/1	0	0	1009	178	12	1	1	0.00	3.03	0
14250052	14250062	4.11	12 3-	1/0 ACSR 6/1	1340	1205	1005	178	1046	44	19	0.04	3.56	35
14250053	14250052	4.15	10 3-	1/0 ACSR 6/1	1330	1195	997	178	1033	44	19	0.03	3.58	21
14250054	14250053	4.22	9 3-	1/0 ACSR 6/1	1312	1179	983	177	1027	44	19	0.04	3.62	37
14250055	14250054	4.25	9 3-	1/0 ACSR 6/1	1303	1170	976	177	1027	44	19	0.02	3.64	20
14250048	14250055	4.40	2 1-	2 ACSR 6/1	0	0	939	176	5	0	0	0.00	3.16	0
14250049	14250048	4.49	1 1-	2 ACSR 6/1	0	0	919	175	3	0	0	0.00	3.16	0
14250025	14250055	4.30	2 3-	1/0 ACSR 6/1	1289	1157	965	177	1003	43	19	0.03	3.67	27
D14-25-P001	14250025	4.30	2 3-	REC-70-L	1289	1157	965	177	1002	43	61	0.00	3.67	0
14250068	D14-25-P001	4.36	2 3-	1/0 ACSR 6/1	1275	1144	953	176	1002	43	19	0.03	3.71	31
14250069	14250068	6.87	2 3-	1/0 ACSR 6/1	847	749	624	164	1002	43	19	1.49	5.22	1329
14330001	14250069	7.97	2 3-	1/0 ACSR 6/1	738	651	542	159	990	43	19	0.64	5.88	580
D14-22-P064	14330001	7.97	2 3-	REC-70-4H	738	651	542	159	984	43	61	0.00	5.88	0
14220013	D14-22-P064	8.04	2 3-	1/0 ACSR 6/1	732	645	538	159	984	43	19	0.04	5.92	36
C14-22-P5	14220013	8.04	0 3-	Capacitor	732	645	538	159	0	-13	0	0.00	5.92	0
14220018	14220013	8.15	2 3-	1/0 ACSR 6/1	723	637	531	159	984	44	20	0.08	6.00	63
14220019	14220018	8.18	2 3-	1/0 ACSR 6/1	720	634	529	158	983	44	20	0.03	6.03	20
14220021	14220019	8.30	2 3-	1/0 ACSR 6/1	710	625	521	158	983	44	20	0.09	6.13	71
14220022	14220021	8.37	0 1-	2 ACSR 6/1	0	0	516	158	0	0	0	0.00	5.60	0
14220020	14220021	8.47	2 3-	1/0 ACSR 6/1	697	614	512	157	982	44	20	0.13	6.25	94
14256010	14220020	8.47	2 3-	Consumer	697	614	512	157	982	44	0	0.00	6.25	0
13290015	14220020	8.60	0 3-	1/0 ACSR 6/1	687	605	504	157	0	0	0	0.00	6.25	0
13290016	13290015	8.65	0 3-	1/0 ACSR 6/1	683	601	501	156	0	0	0	0.00	6.25	0
13290017	13290016	8.72	0 3-	1/0 ACSR 6/1	678	596	497	156	0	0	0	0.00	6.25	0
13290018	13290017	8.75	0 3-	1/0 ACSR 6/1	675	594	496	156	0	0	0	0.00	6.25	0
13290019	13290018	8.81	0 1-	2 ACSR 6/1	0	0	492	156	0	0	0	0.00	4.88	0
13290014	13290018	8.90	0 3-	1/0 ACSR 6/1	665	585	488	155	0	0	0	0.00	6.25	0
13290013	13290018	8.97	0 3-	1/0 ACSR 6/1	660	580	484	155	0	0	0	0.00	6.25	0
13290012	13290015	8.66	0 3-	1/0 ACSR 6/1	682	600	501	156	0	0	0	0.00	6.25	0
13390022	13290012	8.73	0 3-	1/0 ACSR 6/1	677	596	497	156	0	0	0	0.00	6.25	0
13390023	13390022	8.80	0 1-	2 ACSR 6/1	0	0	492	156	0	0	0	0.00	5.73	0
13390016	13290012	8.68	0 3-	1/0 ACSR 6/1	681	599	500	156	0	0	0	0.00	6.25	0
13390015	13290012	8.78	0 3-	1/0 ACSR 6/1	674	593	494	156	0	0	0	0.00	6.25	0
13390026	13390015	8.80	0 1-	15 KV 2 URD XLP	0	0	493	291	0	0	0	0.00	4.88	0
13390025	13390026	8.84	0 1-	2 ACSR 6/1	0	0	490	155	0	0	0	0.00	4.88	0
13390027	13390015	8.84	0 3-	1/0 ACSR 6/1	669	589	491	156	0	0	0	0.00	6.25	0
13390028	13390027	8.87	0 3-	1/0 ACSR 6/1	667	587	489	155	0	0	0	0.00	6.25	0
13390021	13390028	9.02	0 3-	1/0 ACSR 6/1	657	578	482	155	0	0	0	0.00	6.25	0
13390018	13390028	8.90	0 1-	2 ACSR 6/1	0	0	487	155	0	0	0	0.00	4.88	0
13390019	13390015	8.86	0 3-	1/0 ACSR 6/1	668	587	490	156	0	0	0	0.00	6.25	0
13390020	13390019	8.91	0 3-	1/0 ACSR 6/1	664	584	487	155	0	0	0	0.00	6.25	0
13390024	13390020	8.96	0 3-	1/0 ACSR 6/1	661	581	485	155	0	0	0	0.00	6.25	0
13390017	13390020	9.02	0 1-	2 ACSR 6/1	0	0	480	155	0	0	0	0.00	5.73	0
13290011	13290015	8.63	0 1-	2 ACSR 6/1	0	0	502	156	0	0	0	0.00	5.73	0
13290010	13290015	8.63	0 1-	2 ACSR 6/1	0	0	502	156	0	0	0	0.00	4.88	0
14220027	14220021	8.33	0 1-	2 ACSR 6/1	0	0	520	158	0	0	0	0.00	5.60	0
14220025	14220027	8.34	0 1-	2 ACSR 6/1	0	0	518	158	0	0	0	0.00	5.60	0
14220026	14220025	8.36	0 1-	2 ACSR 6/1	0	0	517	158	0	0	0	0.00	5.60	0
14220023	14220021	8.37	0 1-	2 ACSR 6/1	0	0	517	158	0	0	0	0.00	4.76	0
14220024	14220023	8.38	0 1-	2 ACSR 6/1	0	0	516	157	0	0	0	0.00	4.76	0
14220017	14220024	8.51	0 1-	15 KV 2 URD XLP	0	0	506	294	0	0	0	0.00	4.76	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14250027	14250055	4.27	5 1-	2 ACSR 6/1	0	0	971	177	18	2	1	0.00	3.16	0
14250058	14250027	4.34	4 1-	2 ACSR 6/1	0	0	955	176	11	1	1	0.00	3.16	0
14250056	14250027	4.33	1 1-	2 ACSR 6/1	0	0	956	176	8	1	1	0.00	3.16	0
14250057	14250056	4.38	0 1-	2 ACSR 6/1	0	0	945	176	0	0	0	0.00	3.16	0
14250026	14250053	4.19	1 1-	2 ACSR 6/1	0	0	988	177	6	0	0	0.00	3.09	0
14250065	14250026	4.22	1 1-	2 ACSR 6/1	0	0	979	177	6	0	0	0.00	3.09	0
14250066	14250028	3.99	1 1-	2 ACSR 6/1	0	0	1015	177	7	0	1	0.01	2.73	0
14260108	14250066	4.34	0 1-	2 ACSR 6/1	0	0	928	175	0	0	0	0.00	2.73	0
14260088	14260090	3.35	1 1-	2 ACSR 6/1	0	0	1200	181	8	1	1	0.00	2.52	0
14260113	14260084	3.21	1 1-	2 ACSR 6/1	0	0	1243	182	4	0	0	0.00	2.36	0
14260038	14260039	2.41	4 1-	2 ACSR 6/1	0	0	1592	186	24	3	2	0.01	3.80	0
14260087	14260038	2.45	4 1-	2 ACSR 6/1	0	0	1563	186	24	3	2	0.00	3.81	0
D14-26-P040	14260087	2.45	2 1-	FUS	0	0	1563	186	12	1	37	0.00	3.81	0
14260080	D14-26-P040	2.49	2 1-	2 ACSR 6/1	0	0	1543	186	12	1	1	0.00	3.81	0
14260098	14260080	2.56	1 1-	2 ACSR 6/1	0	0	1501	185	8	1	1	0.00	3.81	0
14260122	14260087	2.82	1 1-	2 ACSR 6/1	0	0	1365	183	4	0	0	0.00	3.81	0
14360087	14260122	3.04	1 1-	2 ACSR 6/1	0	0	1263	182	4	0	0	0.00	3.81	0
14260099	14260038	2.44	0 1-	2 ACSR 6/1	0	0	1569	186	0	0	0	0.00	3.80	0
14260100	14260099	2.46	0 1-	2 ACSR 6/1	0	0	1557	186	0	0	0	0.00	3.80	0
14270053	14260115	2.18	230 3-	4/0 ACSR 6/1	2217	2054	1735	186	1140	49	15	0.01	2.01	27
14270063	14270053	2.34	1 1-	2 ACSR 6/1	0	0	1626	187	0	0	0	0.00	1.68	0
14270054	14270053	2.23	225 3-	4/0 ACSR 6/1	2188	2026	1708	188	1122	48	14	0.01	2.02	23
14270055	14270054	2.31	223 3-	4/0 ACSR 6/1	2146	1985	1668	188	1107	47	14	0.02	2.04	34
C14-27-P8	14270055	2.31	0 3-	Capacitor	2146	1985	1668	188	0	-13	0	0.00	2.04	0
14270056	14270055	2.38	222 3-	4/0 ACSR 6/1	2108	1948	1632	187	1103	47	14	0.03	2.07	32
14270052	14270056	2.44	2 1-	2 ACSR 6/1	0	0	1595	187	10	1	1	0.00	1.73	0
14270047	14270052	2.51	0 1-	2 ACSR 6/1	0	0	1554	186	0	0	0	0.00	1.73	0
14270057	14270056	2.44	1 1-	2 ACSR 6/1	0	0	1594	187	4	0	0	0.00	0.70	0
14270025	14270056	2.45	219 3-	4/0 ACSR 6/1	2076	1916	1601	187	1088	46	14	0.02	2.10	28
14-27-P010-A	14270025	2.45	219 3-	Closed	2076	1916	1601	187	1088	46	0	0.00	2.10	0
14-27-P010-B	14-27-P010-A	2.45	219 3-	Closed	2076	1916	1601	187	1088	46	0	0.00	2.10	0
14270026	14-27-P010-B	2.46	219 3-	4/0 ACSR 6/1	2072	1912	1597	187	1088	46	14	0.00	2.10	4
14270044	14270026	2.57	1 1-	2 ACSR 6/1	0	0	1529	186	8	0	1	0.00	0.70	0
14270043	14270026	2.54	1 1-	2 ACSR 6/1	0	0	1546	186	7	0	0	0.00	1.76	0
14270031	14270026	2.47	217 3-	4/0 ACSR 6/1	2064	1905	1590	187	1073	46	14	0.01	2.11	7
14270030	14270031	2.52	217 3-	4/0 ACSR 6/1	2040	1882	1568	187	1073	46	14	0.02	2.12	21
D14-27-P011	14270030	2.52	5 1-	FUS-40	0	0	1568	187	19	2	7	0.00	3.90	0
14270062	D14-27-P011	2.66	5 1-	2 ACSR 6/1	0	0	1488	186	19	2	1	0.01	3.91	0
14270024	14270062	2.74	3 1-	2 ACSR 6/1	0	0	1444	185	17	2	1	0.01	3.91	0
14270042	14270024	2.79	0 1-	2 ACSR 6/1	0	0	1418	185	0	0	0	0.00	3.91	0
14270040	14270024	2.86	3 1-	2 ACSR 6/1	0	0	1383	184	17	2	1	0.01	3.92	0
14270041	14270040	2.91	2 1-	2 ACSR 6/1	0	0	1358	184	13	1	1	0.00	3.92	0
14270038	14270041	2.95	2 1-	2 ACSR 6/1	0	0	1340	183	13	1	1	0.00	3.92	0
14270039	14270038	3.00	1 1-	2 ACSR 6/1	0	0	1317	183	5	0	0	0.00	3.92	0
14270033	14270062	2.70	1 1-	2 ACSR 6/1	0	0	1464	185	0	0	0	0.00	3.91	0
14270032	14270062	2.70	1 1-	2 ACSR 6/1	0	0	1467	185	2	0	0	0.00	3.91	0
14370059	14270030	2.67	211 3-	4/0 ACSR 6/1	1971	1814	1504	186	1052	45	13	0.05	2.18	60
14370049	14370059	2.71	209 3-	4/0 ACSR 6/1	1955	1799	1489	186	1040	44	13	0.01	2.20	14
14370110	14370049	2.78	209 3-	4/0 ACSR 6/1	1922	1767	1459	186	1040	44	13	0.03	2.23	30
14370056	14370110	2.85	1 1-	2 ACSR 6/1	0	0	1427	185	6	0	0	0.00	0.68	0
14370044	14370110	2.81	207 3-	4/0 ACSR 6/1	1913	1758	1451	186	1032	44	13	0.01	2.23	8
D14-37-P005	14370044	2.81	4 1-	FUS	0	0	1451	186	16	2	46	0.00	1.87	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14370057	D14-37-P005	2.88	4 1-	2 ACSR 6/1	0	0	1414	185	16	2	1	0.00	1.88	0
14370058	14370057	2.97	2 1-	2 ACSR 6/1	0	0	1371	185	9	1	1	0.00	1.88	0
14370054	14370044	2.84	203 3-	4/0 ACSR 6/1	1897	1743	1437	186	1016	43	13	0.01	2.25	14
D14-37-P007	14370054	2.84	2 1-	FUS	0	0	1437	186	6	0	18	0.00	4.18	0
14370123	D14-37-P007	3.04	2 1-	2 ACSR 6/1	0	0	1342	184	6	0	0	0.00	4.18	0
14370130	14370054	2.88	200 3-	4/0 ACSR 6/1	1881	1727	1422	186	1007	43	13	0.01	2.26	15
14370122	14370130	2.91	199 3-	4/0 ACSR 6/1	1870	1717	1413	186	1006	43	13	0.01	2.27	10
14370121	14370122	2.94	198 3-	4/0 ACSR 6/1	1856	1704	1400	185	1006	43	13	0.01	2.29	13
14370053	14370121	2.97	197 3-	4/0 ACSR 6/1	1847	1695	1392	185	999	43	13	0.01	2.30	9
D14-37-P009	14370053	2.97	5 1-	FUS-40	0	0	1392	185	37	4	13	0.00	0.67	0
14370125	D14-37-P009	3.00	5 1-	2 ACSR 6/1	0	0	1376	185	37	4	3	0.00	0.68	0
14370081	14370125	3.04	2 1-	2 ACSR 6/1	0	0	1359	185	16	2	1	0.00	0.68	0
14370085	14370081	3.11	1 1-	2 ACSR 6/1	0	0	1327	184	10	1	1	0.00	0.68	0
14370052	14370081	3.08	1 1-	2 ACSR 6/1	0	0	1339	184	6	0	0	0.00	0.68	0
14370061	14370053	3.04	191 3-	4/0 ACSR 6/1	1818	1667	1366	185	955	41	12	0.02	2.32	26
14370064	14370061	3.13	70 3-	1/0 ACSR 6/1	1775	1625	1331	185	362	15	7	0.01	2.34	23
14370076	14370064	3.18	68 3-	1/0 ACSR 6/1	1752	1603	1313	184	346	15	7	0.01	2.36	12
14370077	14370076	3.22	66 3-	1/0 ACSR 6/1	1735	1586	1299	184	337	14	6	0.01	2.36	9
14370066	14370077	3.25	64 3-	1/0 ACSR 6/1	1724	1576	1290	184	334	14	6	0.00	2.37	5
14370067	14370066	3.28	63 3-	1/0 ACSR 6/1	1707	1559	1277	184	325	14	6	0.01	2.38	8
D14-37-P082	14370067	3.28	62 3-	REC-50-L	1707	1559	1277	184	317	13	28	0.00	2.38	0
14370068	D14-37-P082	3.33	62 3-	1/0 ACSR 6/1	1688	1541	1261	184	317	13	6	0.01	2.39	9
14370069	14370068	3.37	61 3-	1/0 ACSR 6/1	1672	1525	1249	183	309	13	6	0.01	2.40	7
14370070	14370069	3.41	60 3-	1/0 ACSR 6/1	1655	1509	1235	183	297	12	6	0.01	2.40	7
14370071	14370070	3.45	59 3-	1/0 ACSR 6/1	1640	1494	1223	183	292	12	6	0.00	2.41	6
14370072	14370071	3.64	56 3-	1/0 ACSR 6/1	1565	1422	1164	182	280	12	5	0.02	2.45	30
14370073	14370072	3.72	3 1-	2 ACSR 6/1	0	0	1137	181	8	1	1	0.00	4.83	0
14370074	14370073	3.76	2 1-	2 ACSR 6/1	0	0	1125	181	6	0	0	0.00	4.83	0
14370062	14370072	3.69	52 3-	1/0 ACSR 6/1	1546	1404	1148	182	267	11	5	0.01	2.46	8
14370063	14370062	3.78	52 3-	1/0 ACSR 6/1	1514	1373	1123	181	267	11	5	0.01	2.47	13
14370096	14370063	3.82	51 3-	1/0 ACSR 6/1	1501	1361	1114	181	260	11	5	0.00	2.48	5
14370075	14370096	3.88	42 3-	1/0 ACSR 6/1	1481	1341	1098	181	200	8	4	0.01	2.49	5
14470025	14370075	3.95	41 3-	1/0 ACSR 6/1	1456	1318	1079	180	191	8	4	0.01	2.50	5
14470040	14470025	4.07	1 1-	2 ACSR 6/1	0	0	1044	179	7	0	1	0.00	5.02	0
14470041	14470040	4.19	0 1-	2 ACSR 6/1	0	0	1011	178	0	0	0	0.00	5.02	0
14470026	14470025	4.05	1 1-	2 ACSR 6/1	0	0	1051	179	9	1	1	0.00	5.02	0
14470024	14470025	4.24	38 1-	2 ACSR 6/1	0	0	998	178	174	22	13	0.19	5.21	27
14360050	14470024	4.44	36 1-	2 ACSR 6/1	0	0	950	177	167	21	12	0.12	5.33	16
14360051	14360050	4.53	35 1-	2 ACSR 6/1	0	0	928	176	163	21	12	0.06	5.39	8
14360052	14360051	4.72	1 1-	2 ACSR 6/1	0	0	888	175	2	0	0	0.00	5.39	0
14360053	14360051	4.57	19 1-	2 ACSR 6/1	0	0	920	176	106	13	8	0.01	5.41	1
14360062	14360053	4.63	17 1-	2 ACSR 6/1	0	0	907	175	99	13	7	0.02	5.43	2
14360064	14360062	4.72	11 1-	2 ACSR 6/1	0	0	886	175	49	6	4	0.02	5.44	0
14360075	14360064	4.76	4 1-	2 ACSR 6/1	0	0	878	174	5	0	0	0.00	5.44	0
14360076	14360075	5.11	3 1-	2 ACSR 6/1	0	0	813	172	4	0	0	0.00	5.45	0
14360078	14360076	5.14	2 1-	2 ACSR 6/1	0	0	807	172	1	0	0	0.00	5.45	0
14360077	14360076	5.20	0 1-	2 ACSR 6/1	0	0	796	171	0	0	0	0.00	5.45	0
14-36-P008-A	14360077	5.20	0 1-	Open	0	0	796	171	0	0	0	0.00	5.45	0
14360061	14360064	4.79	2 1-	2 ACSR 6/1	0	0	873	174	15	2	1	0.00	5.45	0
14360060	14360064	4.77	3 1-	2 ACSR 6/1	0	0	878	174	16	2	1	0.00	5.45	0
14360066	14360060	4.80	1 1-	2 ACSR 6/1	0	0	870	174	7	0	0	0.00	5.45	0
14360063	14360062	4.68	5 1-	2 ACSR 6/1	0	0	895	175	43	5	3	0.01	5.44	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14360072	14360063	4.75	4 1-	2 ACSR 6/1	0	0	881	174	35	4	3	0.01	5.44	0
14360074	14360072	4.81	1 1-	2 ACSR 6/1	0	0	869	174	9	1	1	0.00	5.45	0
14360071	14360074	4.87	1 1-	2 ACSR 6/1	0	0	858	174	9	1	1	0.00	5.45	0
14360073	14360072	4.80	2 1-	2 ACSR 6/1	0	0	871	174	16	2	1	0.00	5.45	0
14360036	14360051	4.64	15 1-	2 ACSR 6/1	0	0	905	175	56	7	4	0.02	5.41	0
14360054	14360036	4.76	13 1-	2 ACSR 6/1	0	0	879	174	42	5	3	0.02	5.43	0
14360068	14360054	4.84	6 1-	2 ACSR 6/1	0	0	864	174	21	2	2	0.01	5.44	0
14360070	14360068	4.93	3 1-	2 ACSR 6/1	0	0	845	173	10	1	1	0.00	5.44	0
14360067	14360070	5.00	2 1-	2 ACSR 6/1	0	0	833	173	5	0	0	0.00	5.44	0
14360065	14360067	5.09	1 1-	2 ACSR 6/1	0	0	816	172	3	0	0	0.00	5.44	0
14360069	14360068	4.91	1 1-	2 ACSR 6/1	0	0	849	173	5	0	0	0.00	5.44	0
14360057	14360054	4.78	5 1-	2 ACSR 6/1	0	0	874	174	15	1	1	0.00	5.43	0
14360058	14360057	4.83	3 1-	2 ACSR 6/1	0	0	866	174	9	1	1	0.00	5.43	0
14360086	14360058	4.84	2 1-	2 ACSR 6/1	0	0	863	174	8	1	1	0.00	5.43	0
14360059	14360058	4.89	1 1-	2 ACSR 6/1	0	0	853	173	1	0	0	0.00	5.43	0
14360035	14470024	4.34	2 1-	2 ACSR 6/1	0	0	972	177	6	0	0	0.00	5.21	0
14460078	14360035	4.39	1 1-	2 ACSR 6/1	0	0	961	177	2	0	0	0.00	5.22	0
14460079	14460078	4.44	1 1-	2 ACSR 6/1	0	0	949	177	2	0	0	0.00	5.22	0
14370084	14370096	3.95	8 1-	2 ACSR 6/1	0	0	1073	180	51	6	4	0.02	4.98	0
14370079	14370084	4.00	7 1-	2 ACSR 6/1	0	0	1059	180	42	5	3	0.01	4.99	0
14370082	14370079	4.03	6 1-	2 ACSR 6/1	0	0	1051	179	35	4	3	0.00	4.99	0
14370083	14370082	4.12	3 1-	2 ACSR 6/1	0	0	1026	179	16	2	1	0.00	4.99	0
14370080	14370083	4.19	2 1-	2 ACSR 6/1	0	0	1007	178	11	1	1	0.00	4.99	0
14370078	14370067	3.32	1 1-	2 ACSR 6/1	0	0	1261	183	8	1	1	0.00	4.57	0
14370065	14370064	3.17	2 1-	2 ACSR 6/1	0	0	1316	184	16	2	1	0.00	4.44	0
14370060	14370061	3.15	121 3-	4/0 ACSR 6/1	1779	1630	1332	185	592	25	7	0.02	2.34	9
14370048	14370060	3.28	113 3-	4/0 ACSR 6/1	1732	1585	1291	184	567	24	7	0.02	2.37	12
D14-37-P045	14370048	3.28	1 1-	FUS-40	0	0	1291	184	7	0	2	0.00	0.74	0
14370124	D14-37-P045	3.34	1 1-	2 ACSR 6/1	0	0	1267	184	7	0	0	0.00	0.74	0
14370047	14370124	3.38	1 1-	2 ACSR 6/1	0	0	1251	183	7	0	0	0.00	0.74	0
14370043	14370124	3.41	0 1-	2 ACSR 6/1	0	0	1238	183	0	0	0	0.00	0.74	0
14370042	14370048	3.35	111 3-	4/0 ACSR 6/1	1709	1563	1270	184	558	23	7	0.01	2.39	6
14370109	14370042	3.49	1 1-	2 ACSR 6/1	0	0	1217	183	7	0	1	0.00	0.76	0
14370098	14370042	3.46	38 3-	4/0 ACSR 6/1	1672	1528	1238	184	199	8	3	0.02	2.40	2
14370129	14370098	3.56	38 3-	4/0 ACSR 6/1	1642	1499	1213	183	199	8	3	0.02	2.40	2
14370091	14370129	3.60	37 3-	4/0 ACSR 6/1	1629	1487	1201	183	194	8	2	0.01	2.41	0
14370090	14370091	3.64	33 3-	4/0 ACSR 6/1	1616	1474	1190	183	174	7	2	0.01	2.41	0
14370088	14370090	3.68	4 1-	2 ACSR 6/1	0	0	1177	183	20	2	1	0.00	2.05	0
14370089	14370088	3.71	2 1-	2 ACSR 6/1	0	0	1166	182	14	1	1	0.00	2.05	0
14370087	14370090	3.71	27 3-	4/0 ACSR 6/1	1594	1454	1172	183	142	6	2	0.01	2.41	0
14370086	14370087	3.77	24 3-	4/0 ACSR 6/1	1577	1437	1157	183	124	5	2	0.01	2.41	0
14370094	14370086	3.84	14 3-	4/0 ACSR 6/1	1558	1420	1142	182	81	3	1	0.00	2.42	0
14370095	14370094	3.90	11 3-	4/0 ACSR 6/1	1541	1404	1127	182	57	2	1	0.00	2.42	0
14470046	14370095	4.01	11 3-	4/0 ACSR 6/1	1511	1376	1102	182	57	2	1	0.01	2.42	0
14470045	14470046	4.10	10 3-	4/0 ACSR 6/1	1488	1353	1082	181	56	2	1	0.00	2.42	0
D14-47-P132	14470045	4.10	5 1-	FUS-40	0	0	1082	181	21	2	8	0.00	2.08	0
14470067	D14-47-P132	4.12	5 1-	2 ACSR 6/1	0	0	1078	181	21	2	2	0.00	2.08	0
14480119	14470067	4.14	4 1-	2 ACSR 6/1	0	0	1073	181	18	2	1	0.00	2.09	0
14480118	14480119	4.16	2 1-	2 ACSR 6/1	0	0	1065	181	9	1	1	0.00	2.09	0
14480115	14470045	4.18	2 3-	4/0 ACSR 6/1	1469	1336	1067	181	19	0	0	0.00	2.42	0
14480114	14480115	4.30	1 3-	4/0 ACSR 6/1	1438	1307	1042	181	7	0	0	0.00	2.42	0
14-48-P050-A	14480114	4.30	0 3-	Open	1438	1307	1042	181	0	0	0	0.00	2.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14370093	14370094	3.89	2 1-	2 ACSR 6/1	0	0	1126	182	17	2	1	0.00	4.45	0
14370050	14370086	3.83	8 3-	4/0 ACSR 6/1	1562	1423	1144	182	38	1	0	0.00	2.42	0
14370051	14370050	3.85	7 1-	2 ACSR 6/1	0	0	1138	182	31	3	2	0.00	2.07	0
D14-37-P052	14370051	3.85	3 1-	FUS-40	0	0	1138	182	14	1	5	0.00	2.07	0
14370126	D14-37-P052	3.98	3 1-	2 ACSR 6/1	0	0	1096	181	14	1	1	0.01	2.08	0
14470044	14370126	4.17	2 1-	2 ACSR 6/1	0	0	1042	180	8	1	1	0.01	2.08	0
14470035	14470044	4.32	1 1-	2 ACSR 6/1	0	0	999	179	7	0	1	0.00	2.08	0
14370092	14370051	3.88	3 1-	2 ACSR 6/1	0	0	1126	182	11	1	1	0.00	2.07	0
14370097	14370129	3.63	1 1-	2 ACSR 6/1	0	0	1186	183	5	0	0	0.00	0.75	0
14370040	14370042	3.37	72 3-	1/0 ACSR 6/1	1700	1554	1263	184	352	14	7	0.00	2.39	2
D14-37-P019	14370040	3.37	72 3-	REC-70-4H	1700	1554	1263	184	352	14	21	0.00	2.39	0
14370045	D14-37-P019	3.43	72 3-	1/0 ACSR 6/1	1675	1529	1243	184	352	14	7	0.01	2.41	5
14370100	14370045	3.51	69 3-	1/0 ACSR 6/1	1642	1498	1218	183	340	14	6	0.00	2.42	7
14370113	14370100	3.61	2 1-	2 ACSR 6/1	0	0	1181	182	3	0	0	0.00	4.42	0
14370101	14370100	3.60	66 3-	1/0 ACSR 6/1	1608	1465	1190	183	335	14	6	0.00	2.44	8
14370103	14370101	3.63	2 1-	2 ACSR 6/1	0	0	1179	182	12	1	1	0.00	2.02	0
14370111	14370103	3.75	1 1-	2 ACSR 6/1	0	0	1138	182	5	0	0	0.00	2.02	0
14370104	14370103	3.67	1 1-	2 ACSR 6/1	0	0	1164	182	7	0	1	0.00	2.02	0
14370102	14370101	3.70	63 3-	1/0 ACSR 6/1	1570	1428	1161	182	321	13	6	0.00	2.47	9
14370127	14370102	3.73	2 1-	2 ACSR 6/1	0	0	1150	182	14	1	1	0.00	2.02	0
14370128	14370127	3.86	1 1-	2 ACSR 6/1	0	0	1108	181	9	1	1	0.00	2.02	0
14370041	14370102	3.76	61 3-	1/0 ACSR 6/1	1546	1405	1142	182	307	13	6	0.00	2.48	5
14370106	14370041	3.78	59 3-	1/0 ACSR 6/1	1538	1398	1136	182	297	12	6	0.00	2.48	2
14370107	14370106	3.80	57 3-	1/0 ACSR 6/1	1532	1392	1131	182	277	11	5	0.00	2.49	1
14370108	14370107	3.85	2 1-	2 ACSR 6/1	0	0	1115	181	14	1	1	0.00	2.02	0
14370112	14370108	3.92	1 1-	2 ACSR 6/1	0	0	1094	181	5	0	0	0.00	2.02	0
14370055	14370107	4.10	55 3-	1/0 ACSR 6/1	1434	1298	1055	180	262	11	5	-0.02	2.54	24
14380047	14370055	4.15	12 1-	2 ACSR 6/1	0	0	1040	180	55	7	4	0.01	2.01	0
14380049	14380047	4.19	1 1-	2 ACSR 6/1	0	0	1028	179	1	0	0	0.00	2.01	0
14380048	14380047	4.19	9 1-	2 ACSR 6/1	0	0	1030	179	46	5	3	0.01	2.01	0
14380051	14380048	4.24	2 1-	2 ACSR 6/1	0	0	1015	179	14	1	1	0.00	2.01	0
14380052	14380051	4.29	0 1-	2 ACSR 6/1	0	0	1004	179	0	0	0	0.00	2.01	0
14380017	14380048	4.27	7 1-	2 ACSR 6/1	0	0	1008	179	32	4	2	0.01	2.02	0
14380060	14380017	4.52	6 1-	2 ACSR 6/1	0	0	946	177	30	3	2	0.03	2.05	0
14270036	14380060	4.55	5 1-	2 ACSR 6/1	0	0	938	177	28	3	2	0.00	2.05	0
14270059	14270036	4.60	1 1-	2 ACSR 6/1	0	0	927	176	2	0	0	0.00	2.05	0
14270035	14270036	4.66	4 1-	2 ACSR 6/1	0	0	915	176	26	3	2	0.01	2.06	0
14270034	14270035	4.67	3 1-	2 ACSR 6/1	0	0	912	176	26	3	2	0.00	2.06	0
14270051	14270034	4.77	2 1-	2 ACSR 6/1	0	0	890	175	16	2	1	0.00	2.07	0
14280020	14270051	4.82	1 1-	2 ACSR 6/1	0	0	880	175	6	0	0	0.00	2.07	0
14270050	14270034	4.73	1 1-	2 ACSR 6/1	0	0	900	175	10	1	1	0.00	2.06	0
14380050	14380017	4.30	1 1-	2 ACSR 6/1	0	0	1000	178	2	0	0	0.00	2.02	0
14380040	14370055	4.40	42 1-	2 ACSR 6/1	0	0	975	178	203	25	14	0.23	1.38	36
14380053	14380040	4.52	3 1-	2 ACSR 6/1	0	0	945	177	16	2	1	0.01	1.39	0
14380054	14380053	4.64	1 1-	2 ACSR 6/1	0	0	920	176	9	1	1	0.00	1.39	0
14380018	14380040	4.69	39 1-	2 ACSR 6/1	0	0	909	176	187	23	13	0.20	1.58	29
14380070	14380018	4.79	25 1-	2 ACSR 6/1	0	0	888	175	129	16	9	0.05	1.62	5
14380071	14380070	4.91	25 1-	2 ACSR 6/1	0	0	863	174	129	16	9	0.06	1.68	6
14380033	14380071	4.95	24 1-	2 ACSR 6/1	0	0	854	174	123	15	9	0.02	1.70	2
14380034	14380033	4.99	20 1-	2 ACSR 6/1	0	0	847	173	102	13	7	0.01	1.71	0
14380035	14380034	5.03	19 1-	2 ACSR 6/1	0	0	840	173	93	11	7	0.01	1.72	0
14380036	14380035	5.08	15 1-	2 ACSR 6/1	0	0	830	173	83	10	6	0.02	1.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14380037	14380036	5.11	12 1-	2 ACSR 6/1	0	0	824	173	68	8	5	0.01	1.75	0
14380032	14380037	5.14	12 1-	2 ACSR 6/1	0	0	820	172	68	8	5	0.01	1.75	0
14380045	14380032	5.27	9 1-	2 ACSR 6/1	0	0	797	172	53	6	4	0.02	1.78	0
14380046	14380045	5.30	8 1-	2 ACSR 6/1	0	0	791	171	45	5	3	0.01	1.78	0
14380039	14380046	5.32	7 1-	2 ACSR 6/1	0	0	788	171	40	5	3	0.00	1.79	0
14380044	14380039	5.35	2 1-	2 ACSR 6/1	0	0	784	171	13	1	1	0.00	1.79	0
14380042	14380039	5.35	4 1-	2 ACSR 6/1	0	0	783	171	23	2	2	0.00	1.79	0
14380043	14380042	5.38	3 1-	2 ACSR 6/1	0	0	778	171	15	1	1	0.00	1.79	0
14380038	14380032	5.17	2 1-	2 ACSR 6/1	0	0	814	172	7	0	0	0.00	1.75	0
14380072	14380038	5.21	1 1-	2 ACSR 6/1	0	0	807	172	1	0	0	0.00	1.75	0
14380074	14380072	5.32	0 1-	2 ACSR 6/1	0	0	789	171	0	0	0	0.00	1.75	0
14380073	14380072	5.24	0 1-	2 ACSR 6/1	0	0	802	172	0	0	0	0.00	1.75	0
14380031	14380033	5.01	2 1-	2 ACSR 6/1	0	0	843	173	12	1	1	0.00	1.70	0
14380075	14380018	4.75	12 1-	2 ACSR 6/1	0	0	895	175	47	6	3	0.01	1.59	0
14380076	14380075	4.83	11 1-	2 ACSR 6/1	0	0	878	175	43	5	3	0.01	1.60	0
14380077	14380076	4.92	10 1-	2 ACSR 6/1	0	0	860	174	32	4	2	0.01	1.61	0
14380041	14380077	4.99	2 1-	2 ACSR 6/1	0	0	848	174	9	1	1	0.00	1.61	0
14380057	14380077	5.00	8 1-	2 ACSR 6/1	0	0	845	173	23	2	2	0.01	1.62	0
14380058	14380057	5.03	7 1-	2 ACSR 6/1	0	0	840	173	21	2	1	0.00	1.62	0
14380059	14380058	5.21	6 1-	2 ACSR 6/1	0	0	807	172	16	2	1	0.01	1.63	0
14380056	14380059	5.43	4 1-	2 ACSR 6/1	0	0	771	170	10	1	1	0.01	1.64	0
14390020	14380056	5.49	3 1-	2 ACSR 6/1	0	0	760	170	7	0	0	0.00	1.64	0
14390021	14390020	5.77	2 1-	2 ACSR 6/1	0	0	719	168	6	0	0	0.00	1.64	0
14390018	14390021	5.87	0 1-	2 ACSR 6/1	0	0	706	167	0	0	0	0.00	1.64	0
14390022	14390018	5.99	0 1-	2 ACSR 6/1	0	0	690	167	0	0	0	0.00	1.64	0
14380055	14380059	5.28	1 1-	2 ACSR 6/1	0	0	795	171	3	0	0	0.00	1.63	0
14380078	14380076	4.89	1 1-	2 ACSR 6/1	0	0	866	174	10	1	1	0.00	1.60	0
14380027	14380018	4.75	2 1-	2 ACSR 6/1	0	0	896	175	11	1	1	0.00	1.58	0
14380028	14380027	4.86	1 1-	2 ACSR 6/1	0	0	872	174	1	0	0	0.00	1.58	0
14380030	14380028	4.97	0 1-	2 ACSR 6/1	0	0	850	174	0	0	0	0.00	1.58	0
14380029	14380028	4.94	1 1-	2 ACSR 6/1	0	0	856	174	1	0	0	0.00	1.58	0
14370105	14370041	3.85	2 1-	2 ACSR 6/1	0	0	1113	181	10	1	1	0.00	4.45	0
14370099	14370045	3.47	3 1-	2 ACSR 6/1	0	0	1226	183	12	1	1	0.00	2.01	0
14370039	14370059	2.71	0 1-	2 ACSR 6/1	0	0	1482	186	0	0	0	0.00	1.83	0
14260078	14160114	1.66	1 1-	2 ACSR 6/1	0	0	2062	190	3	0	0	0.00	0.69	0
14160073	14160061	1.52	2 1-	2 ACSR 6/1	0	0	2173	190	4	0	0	0.00	0.68	0
14160074	14160073	1.59	1 1-	2 ACSR 6/1	0	0	2089	189	2	0	0	0.00	0.68	0
14160067	14160065	1.19	4 1-	2 ACSR 6/1	0	0	2484	191	37	4	3	0.01	0.64	0
14160072	14160067	1.25	1 1-	2 ACSR 6/1	0	0	2396	191	8	1	1	0.00	0.64	0
14160063	14170015	1.02	1 1-	2 ACSR 6/1	0	0	2706	192	2	0	0	0.00	0.96	0
14170009	14170011	0.79	1 1-	2 ACSR 6/1	0	0	3024	192	4	0	0	0.00	0.44	0
14170013	14170009	0.87	1 1-	2 ACSR 6/1	0	0	2859	192	4	0	0	0.00	0.44	0
14170014	14170013	0.91	0 1-	2 ACSR 6/1	0	0	2775	191	0	0	0	0.00	0.44	0
14070034	14070033	0.29	2 1-	2 ACSR 6/1	0	0	4133	194	2	0	0	0.00	0.21	0

CKT 2 total losses: \$11,591

SUB 26, CKT 3

BK2603	CMBRDLDFALLS(26)	0.00	512 3-	BK2603	4851	4896	5284	195	3199	133	64	0.00	0.00	0
OH8	BK2603	0.04	512 3-	336 ACSR 18/1	4774	4802	5140	195	3199	133	25	0.03	0.03	63
OH9	OH8	0.07	512 3-	336 ACSR 18/1	4712	4726	5025	195	3198	133	25	0.03	0.05	52
OH10	OH9	0.13	512 3-	336 ACSR 18/1	4594	4584	4814	195	3198	133	25	0.05	0.09	103
OH11	OH10	0.19	512 3-	336 ACSR 18/1	4484	4454	4624	195	3197	133	25	0.05	0.13	100

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
	OH12	0.24	512 3-	336 ACSR 18/1	4405	4361	4490	195	3196	133	25	0.04	0.17	75	
	OH13	0.36	511 3-	336 ACSR 18/1	4210	4135	4174	195	3195	133	25	0.09	0.25	197	
	OH14	0.40	511 3-	336 ACSR 18/1	4147	4062	4074	194	3193	133	25	0.03	0.28	69	
	OH15	0.44	511 3-	336 ACSR 18/1	4085	3991	3979	194	3193	133	25	0.03	0.31	69	
	OH16	0.52	511 3-	336 ACSR 18/1	3975	3867	3814	194	3192	133	25	0.06	0.36	127	
	OH17	0.59	511 3-	336 ACSR 18/1	3878	3759	3672	194	3191	133	25	0.06	0.41	118	
	OH18	0.64	511 3-	336 ACSR 18/1	3807	3681	3571	194	3190	133	25	0.04	0.44	90	
	OH19	0.69	511 3-	336 ACSR 18/1	3742	3609	3479	194	3189	133	25	0.04	0.48	86	
	OH20	0.78	511 3-	336 ACSR 18/1	3636	3493	3333	194	3188	133	25	0.07	0.54	146	
	OH21	0.84	511 3-	336 ACSR 18/1	3571	3423	3246	194	3187	133	25	0.04	0.58	93	
	OH22	1.27	511 3-	336 ACSR 18/1	3140	2968	2702	193	3186	133	25	0.34	0.87	715	
	8880109	1.32	511 3-	336 ACSR 18/1	3093	2919	2647	192	3179	133	25	0.04	0.91	90	
	8880078	8880109	1.38	2 1-	2 ACSR 6/1	0	2557	192	7	0	1	0.00	0.51	0	
	CAP24	8880109	1.32	509 3-	Capacitor	3093	2919	2647	192	3171	133	0	0.00	0.91	0
	8880057	CAP24	1.46	509 3-	1/0 ACSR 6/1	2925	2747	2468	192	3171	134	58	0.28	1.19	711
D08-88-P004	8880057	1.46	30 1-	REC-35-L	0	0	2468	192	134	17	49	0.00	1.53	0	
	8880079	D08-88-P004	1.51	30 1-	2 ACSR 6/1	0	2400	191	134	17	9	0.02	1.55	2	
	8880092	8880079	1.57	21 1-	2 ACSR 6/1	0	2319	191	81	10	6	0.02	1.56	0	
	8880093	8880092	1.61	1 1-	2 ACSR 6/1	0	2263	190	5	0	0	0.00	1.56	0	
	8880200	8880093	1.72	1 1-	2 ACSR 6/1	0	2143	190	5	0	0	0.00	1.57	0	
	8880094	8880092	1.63	17 1-	2 ACSR 6/1	0	2242	190	65	8	5	0.01	1.58	0	
	8880116	8880094	1.67	14 1-	2 ACSR 6/1	0	2195	190	51	6	4	0.01	1.58	0	
	8880117	8880116	1.73	11 1-	2 ACSR 6/1	0	2131	190	41	5	3	0.01	1.59	0	
	8880118	8880117	1.75	5 1-	2 ACSR 6/1	0	2108	189	24	3	2	0.00	1.59	0	
	8880119	8880118	1.77	3 1-	2 ACSR 6/1	0	2085	189	18	2	1	0.00	1.59	0	
	8880192	8880119	1.86	1 1-	2 ACSR 6/1	0	1995	188	7	0	1	0.00	1.59	0	
	8880120	8880117	1.90	1 1-	2 ACSR 6/1	0	1953	188	4	0	0	0.00	1.59	0	
	8880090	8880079	1.57	5 1-	2 ACSR 6/1	0	2314	191	34	4	2	0.01	1.55	0	
	8880091	8880090	1.62	2 1-	2 ACSR 6/1	0	2255	190	16	2	1	0.00	1.55	0	
	8880161	8880057	1.57	477 3-	1/0 ACSR 6/1	2794	2615	2334	191	3016	127	56	0.23	1.42	538
D08-88-P002	8880161	1.57	475 3-	ER3-RE-200/120-	2794	2615	2334	191	3005	127	111	0.00	1.42	0	
	8880153	D08-88-P002	1.66	475 3-	1/0 ACSR 6/1	2701	2520	2240	191	3005	127	55	0.18	1.59	411
	8880121	8880153	1.79	473 3-	1/0 ACSR 6/1	2568	2386	2109	190	2998	127	55	0.27	1.85	628
D08-87-P234	8880121	1.79	12 1-	FUS-50	0	0	2109	190	87	10	24	0.00	1.28	0	
	8870234	D08-87-P234	1.87	12 1-	2 ACSR 6/1	0	2028	189	87	10	6	0.02	1.31	2	
	8970034	8870234	1.97	2 1-	2 ACSR 6/1	0	1938	188	21	2	1	0.00	1.31	0	
	8970033	8870234	1.97	4 1-	2 ACSR 6/1	0	1931	188	28	3	2	0.01	1.32	0	
	8970029	8970033	2.10	2 1-	2 ACSR 6/1	0	1819	187	16	1	1	0.00	1.32	0	
	8870198	8970029	2.20	0 1-	2 ACSR 6/1	0	1739	187	0	0	0	0.00	1.32	0	
	8970017	8970033	2.25	1 1-	2 ACSR 6/1	0	1700	186	5	0	0	0.00	1.32	0	
	8970016	8970017	2.29	0 1-	2 ACSR 6/1	0	1672	186	0	0	0	0.00	1.32	0	
	8970019	8970017	2.42	1 1-	2 ACSR 6/1	0	1583	185	5	0	0	0.00	1.32	0	
	8970040	8970019	2.59	0 1-	1/0 ACSR 6/1	0	1496	184	0	0	0	0.00	1.32	0	
	8970032	8870234	1.92	5 1-	2 ACSR 6/1	0	1978	189	37	4	3	0.01	1.31	0	
	8870197	8970032	1.96	4 1-	2 ACSR 6/1	0	1943	189	32	4	2	0.00	1.32	0	
	8870196	8870197	2.01	3 1-	2 ACSR 6/1	0	1901	188	23	2	2	0.00	1.32	0	
	8870268	8870196	2.03	1 1-	2 ACSR 6/1	0	1879	188	7	0	0	0.00	1.32	0	
	8870194	8880121	1.84	461 3-	1/0 ACSR 6/1	2528	2347	2071	190	2906	123	54	0.09	1.93	186
	8870195	8870194	1.89	458 3-	1/0 ACSR 6/1	2477	2296	2021	189	2889	123	54	0.12	2.04	246
	8870193	8870195	1.96	455 3-	1/0 ACSR 6/1	2421	2239	1967	189	2867	122	53	0.13	2.16	283
	8870214	8870193	1.99	453 3-	1/0 ACSR 6/1	2392	2211	1940	189	2861	122	53	0.07	2.23	145
	8870215	8870214	2.06	452 3-	1/0 ACSR 6/1	2339	2159	1890	188	2855	121	53	0.13	2.35	278

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8870218	8870215	2.10	451 3-	1/0 ACSR 6/1	2301	2121	1855	188	2849	121	53	0.10	2.44	207
8870221	8870218	2.19	1 1-	2 ACSR 6/1	0	0	1782	187	8	0	1	0.00	2.64	0
8870219	8870218	2.14	449 3-	1/0 ACSR 6/1	2274	2094	1829	188	2838	121	53	0.07	2.50	150
8870108	8870219	2.20	448 3-	1/0 ACSR 6/1	2226	2048	1786	188	2828	121	53	0.13	2.62	269
8870107	8870108	2.22	447 3-	1/0 ACSR 6/1	2210	2032	1771	188	2816	120	52	0.04	2.66	92
8870223	8870107	2.31	446 3-	1/0 ACSR 6/1	2152	1975	1717	187	2808	120	52	0.17	2.81	347
D08-87-P031	8870223	2.31	25 1-	FUS-50	0	0	1717	187	138	17	38	0.00	3.05	0
8870227	D08-87-P031	2.41	25 1-	2 ACSR 6/1	0	0	1642	186	138	17	10	0.05	3.10	6
8870231	8870227	2.47	5 1-	2 ACSR 6/1	0	0	1603	186	28	3	2	0.00	3.11	0
8870232	8870231	2.51	4 1-	2 ACSR 6/1	0	0	1575	185	20	2	1	0.00	3.11	0
8870228	8870227	2.47	2 1-	2 ACSR 6/1	0	0	1602	186	12	1	1	0.00	3.11	0
8870226	8870227	2.43	17 1-	2 ACSR 6/1	0	0	1629	186	92	11	7	0.01	3.11	0
8870233	8870226	2.49	13 1-	2 ACSR 6/1	0	0	1588	186	66	8	5	0.01	3.13	0
8870236	8870233	2.55	1 1-	2 ACSR 6/1	0	0	1551	185	5	0	0	0.00	3.13	0
8870237	8870236	2.61	1 1-	2 ACSR 6/1	0	0	1518	185	5	0	0	0.00	3.13	0
8870235	8870233	2.57	11 1-	2 ACSR 6/1	0	0	1540	185	57	7	4	0.02	3.14	0
8870242	8870235	2.77	6 1-	2 ACSR 6/1	0	0	1425	183	29	3	2	0.02	3.16	0
8870199	8870242	2.90	3 1-	2 ACSR 6/1	0	0	1360	182	18	2	1	0.01	3.16	0
8870279	8870199	2.94	2 1-	2 ACSR 6/1	0	0	1341	182	10	1	1	0.00	3.16	0
8870239	8870235	2.60	4 1-	2 ACSR 6/1	0	0	1524	185	20	2	1	0.00	3.14	0
8870240	8870239	2.63	3 1-	2 ACSR 6/1	0	0	1501	185	15	1	1	0.00	3.14	0
8870241	8870240	2.68	2 1-	2 ACSR 6/1	0	0	1474	184	14	1	1	0.00	3.15	0
8870238	8870235	2.59	1 1-	2 ACSR 6/1	0	0	1528	185	7	0	1	0.00	3.14	0
8870229	8870226	2.50	4 1-	2 ACSR 6/1	0	0	1585	186	26	3	2	0.00	3.12	0
8870230	8870229	2.51	1 1-	2 ACSR 6/1	0	0	1575	185	11	1	1	0.00	3.12	0
8870224	8870223	2.37	419 3-	1/0 ACSR 6/1	2108	1932	1677	187	2652	113	50	0.11	2.93	246
8870243	8870224	2.45	416 3-	1/0 ACSR 6/1	2058	1884	1633	186	2626	112	49	0.13	3.06	281
8870244	8870243	2.49	7 1-	2 ACSR 6/1	0	0	1603	186	41	5	3	0.01	2.26	0
8870245	8870244	2.51	6 1-	2 ACSR 6/1	0	0	1593	186	40	5	3	0.00	2.26	0
8870171	8870245	2.53	5 1-	2 ACSR 6/1	0	0	1576	186	34	4	2	0.00	2.26	0
8870173	8870171	2.68	4 1-	2 ACSR 6/1	0	0	1489	185	31	3	2	0.01	2.27	0
8870174	8870173	2.73	3 1-	2 ACSR 6/1	0	0	1462	184	20	2	1	0.00	2.28	0
8870175	8870174	2.77	1 1-	2 ACSR 6/1	0	0	1441	184	8	1	1	0.00	2.28	0
8870176	8870175	2.86	0 1-	2 ACSR 6/1	0	0	1390	183	0	0	0	0.00	2.28	0
8870172	8870171	2.56	1 1-	2 ACSR 6/1	0	0	1557	185	3	0	0	0.00	2.26	0
8870200	8870243	2.49	59 3-	2 ACSR 6/1	2027	1852	1605	186	413	17	10	0.01	3.08	10
OCD30	8870200	2.49	58 3-	REC-50-L	2027	1852	1605	186	406	17	35	0.00	3.08	0
8870201	OCD30	2.52	58 3-	2 ACSR 6/1	2007	1832	1588	186	406	17	10	0.01	3.09	6
8870202	8870201	2.61	57 3-	2 ACSR 6/1	1939	1766	1529	185	403	17	10	0.03	3.13	21
8870113	8870202	2.75	55 3-	2 ACSR 6/1	1844	1672	1448	184	399	17	10	0.04	3.18	32
8870115	8870113	2.80	3 1-	2 ACSR 6/1	0	0	1422	184	27	3	2	0.00	3.39	0
8870116	8870115	2.86	2 1-	2 ACSR 6/1	0	0	1389	183	19	2	1	0.00	3.39	0
8870117	8870116	2.91	1 1-	2 ACSR 6/1	0	0	1366	183	7	0	1	0.00	3.39	0
8870114	8870113	2.78	52 3-	2 ACSR 6/1	1825	1654	1432	184	371	15	9	0.01	3.19	6
8870273	8870114	2.84	2 1-	2 ACSR 6/1	0	0	1404	183	17	2	1	0.00	3.39	0
8870276	8870273	3.01	1 1-	2 ACSR 6/1	0	0	1317	182	9	1	1	0.00	3.40	0
8870118	8870114	2.83	50 3-	2 ACSR 6/1	1798	1627	1409	183	354	15	8	0.01	3.21	9
8870112	8870118	2.86	48 3-	2 ACSR 6/1	1775	1605	1389	183	346	14	8	0.01	3.22	8
8870105	8870112	2.91	47 3-	2 ACSR 6/1	1750	1581	1368	183	338	14	8	0.01	3.24	8
8870106	8870105	2.98	46 3-	2 ACSR 6/1	1710	1542	1335	182	332	14	8	0.01	3.26	13
8870103	8870106	3.04	46 3-	2 ACSR 6/1	1676	1509	1307	182	331	14	8	0.01	3.28	11
8770019	8870103	3.07	3 1-	2 ACSR 6/1	0	0	1293	182	18	2	1	0.00	3.43	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8770025	8770019	3.10	3 1-	2 ACSR 6/1	0	0	1279	181	18	2	1	0.00	3.43	0
8770031	8770025	3.13	3 1-	2 ACSR 6/1	0	0	1267	181	18	2	1	0.00	3.43	0
8770036	8770031	3.16	2 1-	2 ACSR 6/1	0	0	1253	181	14	1	1	0.00	3.43	0
8770037	8770036	3.36	1 1-	2 ACSR 6/1	0	0	1175	179	4	0	0	0.00	3.43	0
8770026	8770037	3.41	0 1-	2 ACSR 6/1	0	0	1158	179	0	0	0	0.00	3.43	0
8770038	8770036	3.27	1 1-	2 ACSR 6/1	0	0	1210	180	10	1	1	0.00	3.44	0
8770016	8870103	3.10	40 3-	2 ACSR 6/1	1641	1476	1278	181	304	13	7	0.00	3.30	11
8870104	8770016	3.13	40 3-	2 ACSR 6/1	1627	1463	1267	181	292	12	7	0.00	3.31	4
8870184	8870104	3.48	33 3-	2 ACSR 6/1	1463	1307	1133	179	226	9	5	0.05	3.38	52
8880100	8870184	3.63	26 1-	2 ACSR 6/1	0	0	1082	177	187	24	14	0.10	4.65	16
8880180	8880100	3.66	2 1-	2 ACSR 6/1	0	0	1073	177	16	2	1	0.00	4.65	0
8880181	8880180	3.70	1 1-	2 ACSR 6/1	0	0	1061	177	8	1	1	0.00	4.65	0
8880113	8880100	3.73	24 1-	2 ACSR 6/1	0	0	1053	177	171	22	12	0.06	4.71	8
8880182	8880113	3.76	1 1-	2 ACSR 6/1	0	0	1042	176	11	1	1	0.00	4.71	0
8880114	8880113	3.80	21 1-	2 ACSR 6/1	0	0	1033	176	154	20	11	0.04	4.75	5
8880183	8880114	3.86	20 1-	2 ACSR 6/1	0	0	1014	176	150	19	11	0.03	4.78	4
8880184	8880183	3.90	19 1-	2 ACSR 6/1	0	0	1005	175	140	18	10	0.02	4.80	2
8880154	8880184	3.96	18 1-	2 ACSR 6/1	0	0	988	175	131	17	9	0.03	4.82	3
8870278	8880154	3.99	17 1-	2 ACSR 6/1	0	0	979	175	119	15	9	0.01	4.84	1
8870269	8870278	4.08	15 1-	2 ACSR 6/1	0	0	957	174	110	14	8	0.03	4.87	3
8870288	8870269	4.13	1 1-	2 ACSR 6/1	0	0	945	174	6	0	0	0.00	4.87	0
8870287	8870269	4.14	14 1-	2 ACSR 6/1	0	0	941	174	105	13	8	0.02	4.90	2
8870270	8870287	4.20	13 1-	2 ACSR 6/1	0	0	927	173	99	12	7	0.02	4.92	2
8870277	8870270	4.25	1 1-	2 ACSR 6/1	0	0	916	173	9	1	1	0.00	4.92	0
8870282	8870270	4.25	11 1-	2 ACSR 6/1	0	0	915	173	81	10	6	0.01	4.93	0
8870283	8870282	4.29	10 1-	2 ACSR 6/1	0	0	907	173	75	9	5	0.01	4.94	0
8870248	8870283	4.32	7 1-	2 ACSR 6/1	0	0	900	172	51	6	4	0.00	4.95	0
8870249	8870248	4.35	2 1-	2 ACSR 6/1	0	0	893	172	11	1	1	0.00	4.95	0
8870250	8870248	4.37	3 1-	2 ACSR 6/1	0	0	889	172	25	3	2	0.00	4.95	0
8870251	8870250	4.41	2 1-	2 ACSR 6/1	0	0	881	172	17	2	1	0.00	4.95	0
8870192	8870251	4.44	1 1-	2 ACSR 6/1	0	0	874	172	8	1	1	0.00	4.95	0
8870247	8870283	4.34	1 1-	2 ACSR 6/1	0	0	896	172	11	1	1	0.00	4.94	0
8870246	8870270	4.24	1 1-	2 ACSR 6/1	0	0	918	173	10	1	1	0.00	4.92	0
8880115	8880114	3.82	1 1-	2 ACSR 6/1	0	0	1025	176	4	0	0	0.00	4.75	0
8880099	8870184	3.55	5 1-	2 ACSR 6/1	0	0	1110	178	34	4	2	0.01	4.55	0
8880177	8880099	3.58	1 1-	2 ACSR 6/1	0	0	1099	178	6	0	0	0.00	4.56	0
8880179	8880177	3.62	1 1-	15 KV 2 URD XLP	0	0	1086	397	6	0	1	0.00	4.56	0
8880178	8880177	3.67	0 1-	2 ACSR 6/1	0	0	1069	177	0	0	0	0.00	4.56	0
8880088	8880099	3.58	4 1-	2 ACSR 6/1	0	0	1098	178	27	3	2	0.00	4.56	0
8880089	8880088	3.77	3 1-	2 ACSR 6/1	0	0	1040	176	23	2	2	0.01	4.57	0
8880096	8880089	3.84	2 1-	2 ACSR 6/1	0	0	1020	176	18	2	1	0.00	4.58	0
8880097	8880096	4.20	1 1-	2 ACSR 6/1	0	0	927	173	11	1	1	0.01	4.59	0
8880098	8880097	4.25	1 1-	2 ACSR 6/1	0	0	917	173	11	1	1	0.00	4.59	0
8870119	8870104	3.17	7 1-	2 ACSR 6/1	0	0	1251	181	66	8	5	0.01	2.23	0
8870285	8870119	3.20	1 1-	2 ACSR 6/1	0	0	1239	181	8	0	1	0.00	2.23	0
8770034	8870285	3.24	1 1-	2 ACSR 6/1	0	0	1220	180	8	0	1	0.00	2.23	0
8770035	8770034	3.29	0 1-	2 ACSR 6/1	0	0	1201	180	0	0	0	0.00	2.23	0
8770033	8770034	3.26	1 1-	2 ACSR 6/1	0	0	1214	180	8	0	1	0.00	2.23	0
8870280	8870119	3.22	5 1-	2 ACSR 6/1	0	0	1227	180	48	6	3	0.01	2.23	0
8870281	8870280	3.29	4 1-	2 ACSR 6/1	0	0	1202	180	40	5	3	0.01	2.24	0
8880158	8870281	3.33	4 1-	2 ACSR 6/1	0	0	1188	180	40	5	3	0.00	2.25	0
8880159	8880158	3.36	3 1-	2 ACSR 6/1	0	0	1174	179	32	4	2	0.00	2.25	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8880160	8880159	3.47	2 1-	2 ACSR 6/1	0	0	1137	179	20	2	1	0.01	2.26	0
8880156	8880160	3.49	1 1-	2 ACSR 6/1	0	0	1128	178	7	0	1	0.00	2.26	0
8880155	8880160	3.53	1 1-	2 ACSR 6/1	0	0	1117	178	13	1	1	0.00	2.26	0
8880157	8870281	3.31	0 1-	2 ACSR 6/1	0	0	1194	180	0	0	0	0.00	2.24	0
8870211	8870119	3.20	1 1-	2 ACSR 6/1	0	0	1238	181	10	1	1	0.00	2.23	0
8870177	8870243	2.51	348 3-	1/0 ACSR 6/1	2020	1847	1599	186	2163	93	40	0.09	3.15	150
8870178	8870177	2.57	347 3-	1/0 ACSR 6/1	1982	1809	1565	186	2155	92	40	0.10	3.24	159
8870205	8870178	2.63	1 1-	2 ACSR 6/1	0	0	1528	185	8	1	1	0.00	2.42	0
8870189	8870178	2.75	345 3-	1/0 ACSR 6/1	1883	1714	1478	185	2143	92	40	0.26	3.49	426
8870203	8870189	2.79	328 3-	1/0 ACSR 6/1	1860	1692	1458	185	2017	87	38	0.06	3.55	91
8870204	8870203	2.82	6 1-	2 ACSR 6/1	0	0	1443	184	17	2	1	0.00	2.73	0
8870185	8870204	2.93	5 1-	15 KV 2 URD XLP	0	0	1387	430	16	2	1	0.01	2.74	0
8870210	8870185	3.05	4 1-	15 KV 2 URD XLP	0	0	1332	424	16	2	1	0.00	2.74	0
8870284	8870210	3.14	1 1-	15 KV 2 URD XLP	0	0	1292	418	2	0	0	0.00	2.74	0
8870186	8870203	2.84	321 3-	1/0 ACSR 6/1	1832	1665	1434	184	1992	86	37	0.08	3.62	113
8870187	8870186	2.88	320 3-	1/0 ACSR 6/1	1814	1648	1418	184	1971	85	37	0.05	3.67	77
8870188	8870187	2.91	319 3-	1/0 ACSR 6/1	1799	1633	1405	184	1970	85	37	0.04	3.70	62
8870179	8870188	2.96	318 3-	1/0 ACSR 6/1	1775	1611	1385	184	1961	84	37	0.07	3.77	101
8870180	8870179	3.02	14 1-	2 ACSR 6/1	0	0	1355	183	119	15	9	0.02	4.31	2
8870181	8870180	3.09	13 1-	2 ACSR 6/1	0	0	1324	183	105	13	8	0.03	4.33	2
8870183	8870181	3.14	1 1-	2 ACSR 6/1	0	0	1297	182	11	1	1	0.00	4.33	0
8870182	8870181	3.13	1 1-	2 ACSR 6/1	0	0	1304	182	0	0	0	0.00	4.33	0
8870217	8870181	3.22	11 1-	2 ACSR 6/1	0	0	1267	182	94	12	7	0.04	4.37	3
8770027	8870217	3.25	10 1-	2 ACSR 6/1	0	0	1251	181	88	11	6	0.01	4.39	0
8770029	8770027	3.34	8 1-	2 ACSR 6/1	0	0	1217	181	75	9	5	0.02	4.41	1
8770030	8770029	3.37	1 1-	2 ACSR 6/1	0	0	1203	180	9	1	1	0.00	4.41	0
8770028	8770029	3.39	6 1-	2 ACSR 6/1	0	0	1198	180	50	6	4	0.01	4.41	0
8770021	8770028	3.44	1 1-	15 KV 2 URD XLP	0	0	1177	410	12	1	1	0.00	4.41	0
8770020	8770028	3.45	2 1-	2 ACSR 6/1	0	0	1176	180	14	1	1	0.00	4.42	0
8770022	8770020	3.49	2 1-	15 KV 2 URD XLP	0	0	1159	408	14	1	1	0.00	4.42	0
8870121	8870179	3.10	304 3-	1/0 ACSR 6/1	1710	1549	1329	183	1841	79	35	0.19	3.94	265
8870170	8870121	3.18	302 3-	1/0 ACSR 6/1	1671	1512	1296	182	1824	79	34	0.12	4.05	167
8870169	8870170	3.20	1 1-	2 ACSR 6/1	0	0	1290	182	49	7	4	0.00	4.35	0
8870168	8870170	3.25	301 3-	1/0 ACSR 6/1	1642	1484	1271	182	1773	76	33	0.08	4.13	120
D08-86-P020	8870168	3.25	11 1-	FUS	0	0	1271	182	40	5	119	0.00	4.43	0
8860064	D08-86-P020	3.35	11 1-	2 ACSR 6/1	0	0	1233	181	40	5	3	0.01	4.45	0
8860032	8860064	3.39	8 1-	2 ACSR 6/1	0	0	1218	181	30	3	2	0.00	4.45	0
8860034	8860032	3.41	5 1-	2 ACSR 6/1	0	0	1209	181	15	1	1	0.00	4.45	0
8860035	8860034	3.45	4 1-	2 ACSR 6/1	0	0	1195	181	6	0	0	0.00	4.45	0
8860037	8860035	3.54	1 1-	2 ACSR 6/1	0	0	1162	180	0	0	0	0.00	4.45	0
8860036	8860035	3.51	1 1-	2 ACSR 6/1	0	0	1172	180	0	0	0	0.00	4.45	0
8860033	8860032	3.43	1 1-	2 ACSR 6/1	0	0	1201	181	6	0	0	0.00	4.45	0
8860031	8860064	3.39	2 1-	2 ACSR 6/1	0	0	1217	181	5	0	0	0.00	4.45	0
8860040	8870168	3.28	286 3-	1/0 ACSR 6/1	1633	1475	1263	182	1719	74	32	0.02	4.16	37
8860039	8860040	3.37	283 3-	1/0 ACSR 6/1	1593	1438	1230	181	1698	73	32	0.11	4.27	157
8760081	8860039	3.45	279 3-	1/0 ACSR 6/1	1566	1412	1207	181	1674	72	32	0.08	4.35	112
8760082	8760081	3.49	278 3-	1/0 ACSR 6/1	1549	1396	1193	181	1666	72	31	0.05	4.40	68
8760083	8760082	3.70	277 3-	1/0 ACSR 6/1	1474	1326	1131	180	1658	72	31	0.23	4.63	327
8760084	8760083	3.75	3 1-	2 ACSR 6/1	0	0	1116	179	16	2	1	0.00	4.93	0
8760087	8760084	3.82	2 1-	2 ACSR 6/1	0	0	1092	179	13	1	1	0.00	4.93	0
8760088	8760087	3.94	1 1-	2 ACSR 6/1	0	0	1056	178	6	0	0	0.00	4.94	0
8760089	8760083	3.74	2 1-	2 ACSR 6/1	0	0	1118	179	8	1	1	0.00	4.93	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE		
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS		
8760085	8760083	3.76	272 3-	1/0 ACSR	6/1	1456		1116	179	1631	71	31	0.06	4.69	83	
8760086	8760085	3.77	271 3-	1/0 ACSR	6/1	1451	1303	1112	179	1623	70	31	0.02	4.71	23	
8760074	8760086	3.87	270 3-	1/0 ACSR	6/1	1417	1272	1085	179	1618	70	31	0.11	4.82	154	
8760090	8760074	3.94	267 3-	1/0 ACSR	6/1	1399	1255	1069	179	1606	70	30	0.06	4.89	89	
8760059	8760090	3.97	7 1-	2 ACSR	6/1	0	0	1058	178	19	2	1	0.00	5.17	0	
8760060	8760059	4.01	4 1-	2 ACSR	6/1	0	0	1046	178	5	0	0	0.00	5.17	0	
8760058	8760090	3.97	259 3-	1/0 ACSR	6/1	1388	1245	1061	178	1580	68	30	0.03	4.92	49	
8760050	8760058	4.04	258 3-	1/0 ACSR	6/1	1366	1225	1043	178	1562	68	30	0.07	5.00	103	
8760052	8760050	4.08	57 3-	2 ACSR	6/1	1354	1213	1033	178	1514	22	13	0.01	5.02	9	
D08-76-P029	8760052	4.08	6 1-	FUS-25	0	0	0	1033	178	24	3	14	0.00	5.07	0	
8760064	D08-76-P029	4.58	6 1-	2 ACSR	6/1	0	0	907	174	24	3	2	0.04	5.11	0	
8770024	8760064	4.69	4 1-	2 ACSR	6/1	0	0	883	173	19	2	1	0.01	5.12	0	
8770017	8770024	4.74	2 1-	2 ACSR	6/1	0	0	874	173	14	1	1	0.00	5.12	0	
8770018	8770017	4.84	1 1-	2 ACSR	6/1	0	0	854	172	3	0	0	0.00	5.12	0	
8770023	8760064	4.67	1 1-	2 ACSR	6/1	0	0	888	173	2	0	0	0.00	5.11	0	
8760049	8760052	4.14	51 3-	2 ACSR	6/1	1333	1193	1016	177	490	21	12	0.02	5.05	15	
D08-76-P034	8760049	4.14	51 3-	REC-35-H	1333	1193	1193	1016	177	490	21	62	0.00	5.05	0	
8760048	D08-76-P034	4.57	51 3-	2 ACSR	6/1	1195	1063	909	174	490	21	12	0.13	5.28	110	
8760043	8760048	5.48	51 3-	2 ACSR	6/1	980	863	743	168	489	21	12	0.27	5.76	228	
D08-67-P009	8760043	5.48	22 1-	FUS-20	0	0	0	743	168	132	17	97	0.00	5.71	0	
8670024	D08-67-P009	5.67	22 1-	2 ACSR	6/1	0	0	715	167	132	17	10	0.09	5.80	10	
8670023	8670024	5.75	19 1-	2 ACSR	6/1	0	0	704	166	114	14	8	0.03	5.83	3	
8670027	8670023	5.80	4 1-	2 ACSR	6/1	0	0	697	166	19	2	1	0.00	5.84	0	
8670028	8670027	5.96	3 1-	2 ACSR	6/1	0	0	677	165	13	1	1	0.01	5.84	0	
8660050	8670028	5.99	1 1-	2 ACSR	6/1	0	0	673	165	4	0	0	0.00	5.84	0	
8660049	8670028	5.99	2 1-	2 ACSR	6/1	0	0	673	165	9	1	1	0.00	5.84	0	
8670021	8670023	5.86	14 1-	2 ACSR	6/1	0	0	690	165	90	11	7	0.03	5.87	3	
8660053	8670021	5.89	12 1-	2 ACSR	6/1	0	0	686	165	77	10	6	0.01	5.87	0	
8660055	8660053	5.91	11 1-	2 ACSR	6/1	0	0	683	165	71	9	5	0.01	5.88	0	
8660056	8660055	6.03	7 1-	2 ACSR	6/1	0	0	668	164	52	6	4	0.02	5.90	0	
8560016	8660056	6.06	6 1-	2 ACSR	6/1	0	0	664	164	40	5	3	0.00	5.91	0	
8560017	8560016	6.10	5 1-	2 ACSR	6/1	0	0	660	164	32	4	2	0.00	5.91	0	
8560027	8560017	6.13	1 1-	2 ACSR	6/1	0	0	657	164	9	1	1	0.00	5.91	0	
8560010	8560017	6.16	3 1-	2 ACSR	6/1	0	0	653	163	19	2	1	0.00	5.91	0	
8560018	8560010	6.19	2 1-	2 ACSR	6/1	0	0	649	163	10	1	1	0.00	5.92	0	
8560009	8560010	6.23	1 1-	2 ACSR	6/1	0	0	644	163	9	1	1	0.00	5.92	0	
8560015	8660056	6.06	1 1-	2 ACSR	6/1	0	0	664	164	12	1	1	0.00	5.90	0	
8660054	8660055	5.99	2 1-	2 ACSR	6/1	0	0	673	165	10	1	1	0.00	5.88	0	
8660051	8670021	5.88	2 1-	2 ACSR	6/1	0	0	687	165	14	1	1	0.00	5.87	0	
8660052	8660051	5.92	1 1-	2 ACSR	6/1	0	0	682	165	8	1	1	0.00	5.87	0	
8670026	8670024	5.71	1 1-	2 ACSR	6/1	0	0	709	166	10	1	1	0.00	5.80	0	
8670025	8670024	5.71	1 1-	2 ACSR	6/1	0	0	709	166	5	0	0	0.00	5.80	0	
8670019	8760043	5.55	29 3-	2 ACSR	6/1	966	850	732	167	354	15	9	-0.01	5.78	15	
8670016	8670019	5.62	28 3-	2 ACSR	6/1	953	838	723	167	346	15	9	-0.01	5.81	13	
8670030	8670016	5.73	2 1-	2 ACSR	6/1	0	0	708	166	3	0	0	0.00	5.68	0	
8670017	8670016	5.67	26 3-	2 ACSR	6/1	944	830	716	167	343	15	9	-0.01	5.83	10	
8670022	8670017	5.89	25 3-	2 ACSR	6/1	905	795	686	165	324	14	8	-0.05	5.91	43	
8570028	8670022	5.92	14 2-	2 ACSR	6/1	0	0	861	683	165	243	16	9	-0.01	6.03	5
8570010	8570028	7.17	13 1-	15 KV 2 URD	XLP	0	0	546	295	238	32	19	1.60	8.04	332	
8580037	8570010	7.23	0 1-	15 KV 2 URD	XLP	0	0	541	293	0	0	0	0.00	8.04	0	
8580078	8580037	7.37	0 1-	15 KV 2 URD	XLP	0	0	530	290	0	0	0	0.00	8.04	0	
8580076	8580037	7.26	0 1-	15 KV 2 URD	XLP	0	0	539	292	0	0	0	0.00	8.04	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8580077	8580076	7.36	0 1-	15 KV 2 URD XLP	0	0	531	290	0	0	0	0.00	8.04	0
8580053	8570010	7.23	2 1-	15 KV 2 URD XLP	0	0	541	293	11	1	1	0.00	8.05	0
8580038	8570010	7.69	11 1-	15 KV 2 URD XLP	0	0	504	281	223	31	19	0.63	8.67	124
8580075	8580038	7.73	1 1-	15 KV 2 URD XLP	0	0	500	280	1	0	0	0.00	8.67	0
8580039	8580038	7.96	10 1-	15 KV 2 URD XLP	0	0	483	275	221	31	18	0.34	9.01	66
8580069	8580039	8.02	7 1-	15 KV 2 URD XLP	0	0	479	273	213	30	18	0.06	9.07	11
8580070	8580069	8.10	6 1-	15 KV 2 URD XLP	0	0	474	271	179	25	15	0.08	9.15	12
8580068	8580070	8.12	2 1-	15 KV 2 URD XLP	0	0	472	271	28	3	2	0.00	9.15	0
8580067	8580070	8.20	3 1-	15 KV 2 URD XLP	0	0	467	269	144	20	12	0.04	9.19	4
8580073	8580039	8.01	3 1-	15 KV 2 URD XLP	0	0	480	273	7	0	1	0.00	9.01	0
8580072	8580073	8.05	1 1-	15 KV 2 URD XLP	0	0	477	272	4	0	0	0.00	9.01	0
8580074	8580073	8.06	2 1-	15 KV 2 URD XLP	0	0	477	272	3	0	0	0.00	9.01	0
8580071	8580039	7.98	0 1-	2 ACSR 6/1	0	0	482	149	0	0	0	0.00	9.01	0
8570027	8670022	5.99	2 1-	2 ACSR 6/1	0	0	673	165	15	2	1	0.00	5.69	0
8570029	8570027	6.04	1 1-	2 ACSR 6/1	0	0	668	164	11	1	1	0.00	5.69	0
8570018	8670022	5.96	7 3-	2 ACSR 6/1	894	784	677	165	58	2	1	0.00	5.91	0
8570019	8570018	6.01	5 3-	2 ACSR 6/1	885	776	671	164	50	2	1	0.00	5.91	0
D08-57-P004	8570019	6.01	5 1-	FUS	0	0	671	164	50	6	152	0.00	5.71	0
8570015	D08-57-P004	6.11	5 1-	2 ACSR 6/1	0	0	658	164	50	6	4	0.02	5.73	0
8570011	8570015	6.15	4 1-	2 ACSR 6/1	0	0	654	164	49	6	4	0.01	5.74	0
8570012	8570011	6.22	2 1-	2 ACSR 6/1	0	0	646	163	41	5	3	0.01	5.74	0
8570013	8570012	6.34	0 1-	2 ACSR 6/1	0	0	632	162	0	0	0	0.00	5.74	0
8570016	8570013	6.43	0 1-	2 ACSR 6/1	0	0	623	162	0	0	0	0.00	5.74	0
8570017	8570016	6.50	0 1-	2 ACSR 6/1	0	0	615	161	0	0	0	0.00	5.74	0
8570025	8570017	6.62	0 1-	2 ACSR 6/1	0	0	603	161	0	0	0	0.00	5.74	0
8570026	8570025	6.69	0 1-	2 ACSR 6/1	0	0	596	160	0	0	0	0.00	5.74	0
8570023	8570017	6.59	0 1-	2 ACSR 6/1	0	0	606	161	0	0	0	0.00	5.74	0
8570024	8570023	6.71	0 1-	2 ACSR 6/1	0	0	594	160	0	0	0	0.00	5.74	0
8570020	8570017	6.60	0 1-	2 ACSR 6/1	0	0	605	161	0	0	0	0.00	5.74	0
8570022	8570020	6.69	0 1-	2 ACSR 6/1	0	0	596	160	0	0	0	0.00	5.74	0
8570014	8570022	6.74	0 1-	2 ACSR 6/1	0	0	591	160	0	0	0	0.00	5.74	0
8570021	8570020	6.65	0 1-	2 ACSR 6/1	0	0	599	160	0	0	0	0.00	5.74	0
8670018	8670017	5.72	1 1-	2 ACSR 6/1	0	0	708	166	19	2	1	0.00	5.60	0
8570030	8670018	5.88	1 1-	15 KV 2 URD XLP	0	0	686	334	19	2	1	0.01	5.61	0
8670031	8570030	6.00	1 1-	15 KV 2 URD XLP	0	0	671	330	19	2	1	0.01	5.62	0
8670020	8670019	5.57	1 1-	2 ACSR 6/1	0	0	729	167	8	1	1	0.00	5.70	0
8670029	8670020	5.60	1 1-	15 KV 2 URD XLP	0	0	726	344	8	1	1	0.00	5.70	0
8760051	8760050	4.07	198 3-	1/0 ACSR 6/1	1357	1216	1036	178	1038	45	20	0.02	5.02	18
D08-76-P059	8760051	4.07	198 3-	REC-70-L	1357	1216	1036	178	1038	45	65	0.00	5.02	0
8760047	D08-76-P059	4.13	198 3-	1/0 ACSR 6/1	1342	1202	1023	178	1038	45	20	0.04	5.06	34
8760053	8760047	4.26	1 1-	2 ACSR 6/1	0	0	988	177	8	1	1	0.00	5.10	0
8760044	8760047	4.18	197 3-	1/0 ACSR 6/1	1328	1189	1011	177	1029	44	19	0.04	5.09	30
8760054	8760044	4.22	1 1-	2 ACSR 6/1	0	0	1001	177	17	2	1	0.00	5.38	0
8760045	8760044	4.21	196 3-	1/0 ACSR 6/1	1318	1180	1004	177	1012	44	19	0.03	5.12	20
8760056	8760045	4.31	190 3-	1/0 ACSR 6/1	1293	1156	983	177	977	42	19	0.07	5.18	52
8760057	8760056	4.41	189 3-	1/0 ACSR 6/1	1266	1131	961	176	973	42	18	0.07	5.24	58
8760094	8760057	4.45	172 3-	1/0 ACSR 6/1	1257	1123	954	176	864	37	16	0.03	5.26	16
8760096	8760094	4.55	1 1-	2 ACSR 6/1	0	0	931	175	7	0	0	0.00	5.58	0
8760095	8760094	4.54	171 3-	1/0 ACSR 6/1	1235	1103	936	176	857	37	16	0.07	5.31	39
8760061	8760095	4.58	2 1-	2 ACSR 6/1	0	0	927	175	11	1	1	0.00	5.07	0
8760079	8760095	4.56	169 3-	1/0 ACSR 6/1	1231	1099	933	175	845	36	16	0.01	5.32	7
8760062	8760079	4.62	165 3-	1/0 ACSR 6/1	1215	1084	920	175	825	36	16	0.05	5.36	28

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8760063	8760062	4.66	164 3-	1/0 ACSR 6/1	1207	1077	914	175	823	35	16	0.03	5.38	14
8660039	8760063	4.81	163 3-	1/0 ACSR 6/1	1173	1046	887	174	818	35	16	0.12	5.46	62
8660058	8660039	4.85	158 3-	1/0 ACSR 6/1	1165	1038	881	174	812	35	15	0.03	5.48	15
8660064	8660058	4.89	3 1-	2 ACSR 6/1	0	0	872	174	17	2	1	0.00	5.27	0
8660065	8660064	4.95	2 1-	2 ACSR 6/1	0	0	859	173	11	1	1	0.00	5.28	0
8660066	8660065	5.03	1 1-	2 ACSR 6/1	0	0	845	173	5	0	0	0.00	5.28	0
8660044	8660065	5.01	0 1-	2 ACSR 6/1	0	0	849	173	0	0	0	0.00	5.28	0
8660062	8660058	4.90	3 1-	2 ACSR 6/1	0	0	870	174	18	2	1	0.00	5.27	0
8660059	8660058	4.89	151 3-	1/0 ACSR 6/1	1155	1029	873	174	772	33	15	0.04	5.50	18
8660077	8660059	4.98	150 3-	1/0 ACSR 6/1	1138	1013	859	173	764	33	15	0.07	5.54	32
8650136	8660077	5.08	146 3-	1/0 ACSR 6/1	1116	993	842	173	752	32	14	0.09	5.60	39
8650137	8650136	5.22	145 3-	1/0 ACSR 6/1	1090	969	821	172	748	32	14	0.11	5.66	50
8650089	8650137	5.25	10 1-	2 ACSR 6/1	0	0	816	172	70	9	5	0.01	5.48	0
D08-65-P022	8650089	5.25	10 1-	REC-25-H	0	0	816	172	70	9	37	0.00	5.48	0
8650090	D08-65-P022	5.44	10 1-	2 ACSR 6/1	0	0	783	171	70	9	5	0.05	5.52	3
8650091	8650090	5.51	9 1-	2 ACSR 6/1	0	0	772	170	66	8	5	0.01	5.54	0
8650092	8650091	5.54	8 1-	2 ACSR 6/1	0	0	768	170	55	7	4	0.00	5.54	0
8650107	8650092	5.59	5 1-	2 ACSR 6/1	0	0	760	170	37	4	3	0.01	5.55	0
8660068	8650107	5.64	4 1-	2 ACSR 6/1	0	0	752	169	29	3	2	0.01	5.55	0
8660069	8660068	5.70	4 1-	2 ACSR 6/1	0	0	743	169	29	3	2	0.01	5.56	0
8660071	8660069	5.78	3 1-	2 ACSR 6/1	0	0	731	168	23	3	2	0.00	5.56	0
8660072	8660071	5.87	1 1-	2 ACSR 6/1	0	0	718	168	7	0	0	0.00	5.57	0
8660073	8660072	5.90	0 1-	2 ACSR 6/1	0	0	713	167	0	0	0	0.00	5.57	0
8660070	8660069	5.75	1 1-	2 ACSR 6/1	0	0	736	169	5	0	0	0.00	5.56	0
8660067	8650107	5.62	1 1-	2 ACSR 6/1	0	0	754	169	8	1	1	0.00	5.55	0
8650093	8650137	5.26	2 1-	2 ACSR 6/1	0	0	815	172	19	2	1	0.00	6.20	0
8650094	8650093	5.31	1 1-	2 ACSR 6/1	0	0	806	172	11	1	1	0.00	6.20	0
8650125	8650137	5.24	133 3-	1/0 ACSR 6/1	1086	965	818	172	659	28	13	0.02	5.67	7
8650126	8650125	5.28	130 3-	1/0 ACSR 6/1	1079	959	813	172	649	28	12	0.03	5.69	11
D08-65-P018	8650126	5.28	27 1-	REC-50-H	0	0	813	172	107	14	28	0.00	6.25	0
8650127	D08-65-P018	5.36	27 1-	2 ACSR 6/1	0	0	799	171	107	14	8	0.03	6.28	3
8650128	8650127	5.40	26 1-	2 ACSR 6/1	0	0	792	171	98	12	7	0.01	6.29	1
8650129	8650128	5.47	23 1-	2 ACSR 6/1	0	0	780	171	86	11	6	0.02	6.31	2
8650130	8650129	5.52	22 1-	2 ACSR 6/1	0	0	772	170	84	11	6	0.01	6.33	0
8650131	8650130	5.56	19 1-	2 ACSR 6/1	0	0	766	170	76	10	6	0.01	6.34	0
8650074	8650131	5.57	19 1-	2 ACSR 6/1	0	0	763	170	76	10	6	0.00	6.34	0
8650112	8650074	5.59	7 1-	2 ACSR 6/1	0	0	761	170	30	3	2	0.00	6.34	0
8650113	8650112	5.65	5 1-	2 ACSR 6/1	0	0	751	169	14	1	1	0.00	6.34	0
8650103	8650074	5.63	12 1-	2 ACSR 6/1	0	0	755	169	47	6	3	0.01	6.35	0
8750005	8650103	5.68	5 1-	2 ACSR 6/1	0	0	748	169	20	2	1	0.00	6.35	0
8750007	8750005	5.71	4 1-	2 ACSR 6/1	0	0	742	169	19	2	1	0.00	6.35	0
8750006	8650103	5.67	6 1-	2 ACSR 6/1	0	0	749	169	24	3	2	0.00	6.35	0
8750012	8750006	5.73	3 1-	2 ACSR 6/1	0	0	740	169	14	1	1	0.00	6.36	0
8750011	8750012	5.79	1 1-	15 KV 2 URD XLP	0	0	731	348	9	1	1	0.00	6.36	0
8750013	8750012	5.78	2 1-	2 ACSR 6/1	0	0	733	168	5	0	0	0.00	6.36	0
8750004	8750013	5.91	1 1-	2 ACSR 6/1	0	0	714	168	1	0	0	0.00	6.36	0
8650132	8650131	5.63	0 1-	2 ACSR 6/1	0	0	755	169	0	0	0	0.00	6.34	0
8650134	8650126	5.32	103 3-	1/0 ACSR 6/1	1072	952	807	172	542	23	10	0.03	5.70	8
8650135	8650134	5.36	2 1-	2 ACSR 6/1	0	0	799	171	14	1	1	0.00	5.50	0
8650133	8650134	5.38	99 3-	1/0 ACSR 6/1	1061	943	798	171	522	22	10	0.03	5.72	10
8650120	8650133	5.43	98 3-	1/0 ACSR 6/1	1053	935	792	171	519	22	10	0.03	5.74	8
8650121	8650120	5.54	96 3-	1/0 ACSR 6/1	1033	917	776	171	501	21	10	0.07	5.78	19

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8650122	8650121	5.61	1 1-	15 KV 2 URD XLP	0	0	764	356	6	0	0	0.00	6.40	0
8650123	8650121	5.62	94 3-	1/0 ACSR 6/1	1020	905	766	170	490	21	9	0.04	5.80	12
8650087	8650123	5.66	93 3-	1/0 ACSR 6/1	1014	899	761	170	485	21	9	0.02	5.81	6
8650088	8650087	5.70	92 3-	1/0 ACSR 6/1	1007	893	756	170	475	20	9	0.02	5.83	6
8650075	8650088	5.75	91 3-	1/0 ACSR 6/1	999	885	749	170	466	20	9	0.03	5.84	8
8650076	8650075	5.80	88 3-	1/0 ACSR 6/1	991	878	743	169	452	19	9	0.03	5.86	7
8650077	8650076	5.89	87 3-	1/0 ACSR 6/1	977	866	733	169	447	19	9	0.05	5.88	11
8650073	8650077	5.91	86 3-	1/0 ACSR 6/1	973	862	729	169	442	19	8	0.01	5.89	3
D08-65-P172A	8650073	5.91	20 1-	REC-50-H	0	0	729	169	54	7	14	0.00	5.41	0
8650085	D08-65-P172A	6.27	20 1-	2 ACSR 6/1	0	0	681	166	54	7	4	0.07	5.48	3
8550012	8650085	6.34	5 1-	2 ACSR 6/1	0	0	673	166	27	3	2	0.01	5.48	0
8550013	8550012	6.36	4 1-	2 ACSR 6/1	0	0	670	166	21	2	2	0.00	5.48	0
8550010	8550013	6.39	3 1-	2 ACSR 6/1	0	0	667	166	17	2	1	0.00	5.49	0
8550011	8550010	6.45	2 1-	2 ACSR 6/1	0	0	660	165	14	1	1	0.00	5.49	0
8550008	8550011	6.47	1 1-	2 ACSR 6/1	0	0	657	165	9	1	1	0.00	5.49	0
8550009	8550008	6.53	1 1-	2 ACSR 6/1	0	0	650	165	9	1	1	0.00	5.49	0
8550006	8650085	6.47	15 1-	2 ACSR 6/1	0	0	658	165	27	3	2	0.02	5.50	0
8550007	8550006	6.60	14 1-	2 ACSR 6/1	0	0	643	164	27	3	2	0.01	5.51	0
D08-54-P020	8550007	6.60	14 1-	FUS-100	0	0	643	164	27	3	4	0.00	5.51	0
8540006	D08-54-P020	6.65	14 1-	2 ACSR 6/1	0	0	637	164	27	3	2	0.00	5.51	0
8540007	8540006	7.80	14 1-	2 ACSR 6/1	0	0	531	157	27	3	2	0.11	5.63	3
8540008	8540007	8.10	0 1-	2 ACSR 6/1	0	0	508	155	0	0	0	0.00	5.63	0
8540005	8540007	8.67	14 1-	2 ACSR 6/1	0	0	471	152	27	3	2	0.09	5.71	2
8430016	8540005	8.91	12 1-	2 ACSR 6/1	0	0	456	150	17	2	1	0.01	5.73	0
8430027	8430016	8.96	0 1-	2 ACSR 6/1	0	0	454	150	0	0	0	0.00	5.73	0
8430017	8430016	9.10	12 1-	2 ACSR 6/1	0	0	446	149	17	2	1	0.01	5.74	0
D08-43-P012	8430017	9.10	10 1-	FUS-15	0	0	446	149	12	1	12	0.00	5.74	0
8430020	D08-43-P012	9.18	10 1-	2 ACSR 6/1	0	0	442	149	12	1	1	0.00	5.74	0
8430029	8430020	9.28	6 1-	2 ACSR 6/1	0	0	436	148	6	0	0	0.00	5.74	0
8430031	8430029	9.31	5 1-	2 ACSR 6/1	0	0	434	148	6	0	0	0.00	5.75	0
8430030	8430031	9.45	3 1-	2 ACSR 6/1	0	0	427	147	5	0	0	0.00	5.75	0
8430037	8430030	9.49	2 1-	2 ACSR 6/1	0	0	425	147	1	0	0	0.00	5.75	0
8430036	8430037	9.57	1 1-	2 ACSR 6/1	0	0	422	147	0	0	0	0.00	5.75	0
8430018	8430020	9.24	4 1-	2 ACSR 6/1	0	0	438	149	7	0	0	0.00	5.74	0
8430032	8430018	9.29	4 1-	2 ACSR 6/1	0	0	436	148	7	0	0	0.00	5.74	0
8430033	8430032	9.35	3 1-	2 ACSR 6/1	0	0	433	148	3	0	0	0.00	5.75	0
8430040	8430033	9.44	2 1-	2 ACSR 6/1	0	0	428	147	3	0	0	0.00	5.75	0
8430041	8430040	9.48	1 1-	2 ACSR 6/1	0	0	426	147	1	0	0	0.00	5.75	0
8430019	8430018	9.39	0 1-	2 ACSR 6/1	0	0	430	148	0	0	0	0.00	5.74	0
8430034	8430017	9.30	2 1-	2 ACSR 6/1	0	0	435	148	5	0	0	0.00	5.74	0
8430035	8430034	9.35	1 1-	2 ACSR 6/1	0	0	433	148	2	0	0	0.00	5.74	0
8430028	8430017	9.18	0 1-	2 ACSR 6/1	0	0	442	149	0	0	0	0.00	5.74	0
8430021	8540005	9.05	2 1-	2 ACSR 6/1	0	0	449	150	10	1	1	0.01	5.73	0
8440004	8430021	9.11	2 1-	2 ACSR 6/1	0	0	445	149	10	1	1	0.00	5.73	0
8440005	8440004	9.29	1 1-	2 ACSR 6/1	0	0	436	148	3	0	0	0.00	5.73	0
8440003	8430021	9.10	0 1-	2 ACSR 6/1	0	0	446	149	0	0	0	0.00	5.73	0
8650086	8650073	5.96	66 3-	1/0 ACSR 6/1	967	857	725	169	387	17	7	0.02	5.90	5
8650102	8650086	6.00	2 1-	2 ACSR 6/1	0	0	719	168	5	0	0	0.00	5.68	0
8650083	8650086	5.98	64 3-	1/0 ACSR 6/1	963	853	722	168	383	16	7	0.01	5.91	3
8650101	8650083	6.06	63 3-	1/0 ACSR 6/1	951	842	712	168	380	16	7	0.04	5.93	9
8650106	8650101	6.15	60 3-	1/0 ACSR 6/1	939	831	703	168	358	15	7	0.04	5.95	9
8650108	8650106	6.25	59 3-	1/0 ACSR 6/1	925	819	692	167	345	15	7	0.05	5.97	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8650084	8650108	6.29	10 1-	2 ACSR 6/1	0	0	687	167	61	7	4	0.01	5.75	0
8650139	8650084	6.32	8 1-	2 ACSR 6/1	0	0	683	167	41	5	3	0.00	5.76	0
8650140	8650139	6.40	5 1-	2 ACSR 6/1	0	0	673	166	26	3	2	0.01	5.77	0
8650142	8650140	6.55	2 1-	2 ACSR 6/1	0	0	655	165	14	1	1	0.00	5.77	0
8650141	8650140	6.44	2 1-	2 ACSR 6/1	0	0	668	166	6	0	0	0.00	5.77	0
8650138	8650084	6.32	2 1-	2 ACSR 6/1	0	0	683	167	19	2	1	0.00	5.76	0
8650148	8650138	6.40	1 1-	2 ACSR 6/1	0	0	673	166	9	1	1	0.00	5.76	0
8650078	8650108	6.29	49 3-	1/0 ACSR 6/1	920	814	688	167	284	12	5	0.02	5.98	4
8650143	8650078	6.35	12 1-	2 ACSR 6/1	0	0	680	167	64	8	5	0.01	5.41	0
8650144	8650143	6.38	10 1-	2 ACSR 6/1	0	0	676	166	59	7	4	0.01	5.42	0
8650145	8650144	6.43	10 1-	2 ACSR 6/1	0	0	671	166	59	7	4	0.01	5.42	0
8650146	8650145	6.46	9 1-	2 ACSR 6/1	0	0	666	166	52	6	4	0.01	5.43	0
8650147	8650146	6.51	6 1-	2 ACSR 6/1	0	0	661	166	32	4	2	0.00	5.43	0
8650115	8650147	6.54	4 1-	2 ACSR 6/1	0	0	657	165	21	2	2	0.00	5.44	0
8650116	8650115	6.58	4 1-	2 ACSR 6/1	0	0	653	165	21	2	2	0.00	5.44	0
8650117	8650116	6.60	3 1-	2 ACSR 6/1	0	0	650	165	21	2	2	0.00	5.44	0
8650118	8650117	6.62	1 1-	2 ACSR 6/1	0	0	648	165	9	1	1	0.00	5.44	0
8650114	8650117	6.64	2 1-	2 ACSR 6/1	0	0	646	165	12	1	1	0.00	5.44	0
8650119	8650114	6.66	1 1-	2 ACSR 6/1	0	0	644	165	2	0	0	0.00	5.44	0
8650079	8650078	6.44	37 3-	1/0 ACSR 6/1	900	796	672	166	220	9	4	0.08	6.00	15
8650080	8650079	6.49	34 3-	1/0 ACSR 6/1	893	790	667	166	194	8	4	0.02	6.01	4
8650110	8650080	6.55	1 1-	2 ACSR 6/1	0	0	660	166	9	1	1	0.00	6.90	0
8650081	8650080	6.53	31 3-	1/0 ACSR 6/1	888	785	663	166	177	7	3	0.02	6.01	3
8650104	8650081	6.58	1 1-	2 ACSR 6/1	0	0	657	166	7	0	1	0.00	6.92	0
8650082	8650081	6.58	30 3-	1/0 ACSR 6/1	882	780	659	166	170	7	3	0.02	6.02	3
8660075	8650082	6.64	5 1-	2 ACSR 6/1	0	0	652	165	32	4	2	0.01	6.94	0
8650111	8660075	6.67	3 1-	2 ACSR 6/1	0	0	648	165	24	3	2	0.00	6.95	0
8550015	8650111	6.74	2 1-	2 ACSR 6/1	0	0	640	165	16	2	1	0.00	6.95	0
8550014	8550015	6.84	1 1-	2 ACSR 6/1	0	0	630	164	8	1	1	0.00	6.95	0
8660040	8650082	6.64	25 3-	1/0 ACSR 6/1	875	773	653	165	138	6	3	0.02	6.02	2
8660041	8660040	6.66	9 1-	2 ACSR 6/1	0	0	651	165	43	5	3	0.00	6.96	0
8660048	8660041	6.78	1 1-	2 ACSR 6/1	0	0	637	164	7	0	1	0.00	6.96	0
8660046	8660041	6.68	8 1-	2 ACSR 6/1	0	0	648	165	36	4	3	0.00	6.96	0
8660047	8660046	6.80	7 1-	2 ACSR 6/1	0	0	636	164	30	4	2	0.01	6.98	0
8560014	8660047	6.90	6 1-	2 ACSR 6/1	0	0	624	164	29	3	2	0.01	6.99	0
8560006	8560014	6.97	5 1-	2 ACSR 6/1	0	0	617	163	24	3	2	0.01	6.99	0
8560024	8560006	7.06	4 1-	2 ACSR 6/1	0	0	608	163	21	2	2	0.01	7.00	0
8560013	8560024	7.11	3 1-	2 ACSR 6/1	0	0	603	162	13	1	1	0.00	7.00	0
8560026	8560014	7.16	1 1-	2 ACSR 6/1	0	0	598	162	5	0	0	0.00	6.99	0
8660043	8660040	6.71	12 1-	2 ACSR 6/1	0	0	645	165	67	8	5	0.02	6.97	0
8560019	8660043	6.81	11 1-	2 ACSR 6/1	0	0	634	164	62	8	5	0.02	7.00	1
8560023	8560019	6.86	8 1-	2 ACSR 6/1	0	0	629	164	42	5	3	0.01	7.00	0
8560029	8560023	6.88	7 1-	2 ACSR 6/1	0	0	626	164	40	5	3	0.00	7.01	0
8560030	8560029	6.93	5 1-	2 ACSR 6/1	0	0	622	164	29	3	2	0.00	7.01	0
8560031	8560030	6.98	3 1-	2 ACSR 6/1	0	0	617	163	19	2	1	0.00	7.01	0
8560028	8560031	7.00	3 1-	2 ACSR 6/1	0	0	614	163	19	2	1	0.00	7.02	0
8560005	8560028	7.04	2 1-	2 ACSR 6/1	0	0	610	163	11	1	1	0.00	7.02	0
8560007	8560005	7.12	1 1-	2 ACSR 6/1	0	0	602	162	3	0	0	0.00	7.02	0
8560008	8560007	7.18	0 1-	2 ACSR 6/1	0	0	596	162	0	0	0	0.00	7.02	0
8560020	8560019	6.92	3 1-	2 ACSR 6/1	0	0	623	164	20	2	1	0.01	7.00	0
8560021	8560020	6.99	2 1-	2 ACSR 6/1	0	0	616	163	13	1	1	0.00	7.01	0
8560022	8560021	7.02	1 1-	2 ACSR 6/1	0	0	612	163	11	1	1	0.00	7.01	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8660042	8660040	6.68	4 1-	2 ACSR 6/1	0	0	649	165	27	3	2	0.00	6.96	0
8560011	8660042	6.70	3 1-	2 ACSR 6/1	0	0	646	165	21	2	2	0.00	6.96	0
8560012	8560011	6.76	2 1-	2 ACSR 6/1	0	0	640	165	20	2	1	0.00	6.97	0
8560025	8560012	6.79	1 1-	2 ACSR 6/1	0	0	636	164	12	1	1	0.00	6.97	0
8550004	8560025	6.83	1 1-	2 ACSR 6/1	0	0	632	164	12	1	1	0.00	6.97	0
8550005	8550004	6.87	0 1-	2 ACSR 6/1	0	0	628	164	0	0	0	0.00	6.97	0
8650109	8650079	6.48	3 1-	2 ACSR 6/1	0	0	668	166	26	3	2	0.00	6.88	0
8650149	8650109	6.57	1 1-	2 ACSR 6/1	0	0	657	165	7	0	1	0.00	6.88	0
8650105	8650101	6.11	2 1-	2 ACSR 6/1	0	0	706	168	13	1	1	0.00	5.71	0
8650100	8650083	6.03	1 1-	2 ACSR 6/1	0	0	715	168	2	0	0	0.00	5.68	0
8650099	8650077	5.96	1 1-	2 ACSR 6/1	0	0	723	168	5	0	0	0.00	6.59	0
8650098	8650076	5.86	1 1-	2 ACSR 6/1	0	0	734	169	5	0	0	0.00	6.55	0
8650097	8650075	5.78	2 1-	2 ACSR 6/1	0	0	745	169	12	1	1	0.00	6.52	0
8650096	8650088	5.76	1 1-	2 ACSR 6/1	0	0	746	169	9	1	1	0.00	5.61	0
8650095	8650087	5.71	1 1-	2 ACSR 6/1	0	0	753	170	9	1	1	0.00	6.47	0
8650124	8650123	5.66	1 1-	2 ACSR 6/1	0	0	760	170	5	0	0	0.00	5.37	0
8660060	8660059	4.94	1 1-	2 ACSR 6/1	0	0	862	173	7	0	1	0.00	5.30	0
8660061	8660060	4.97	0 1-	2 ACSR 6/1	0	0	858	173	0	0	0	0.00	5.30	0
8660063	8660061	5.01	0 1-	2 ACSR 6/1	0	0	850	173	0	0	0	0.00	5.30	0
8660045	8660039	4.88	5 1-	2 ACSR 6/1	0	0	872	174	6	0	0	0.00	5.25	0
8660057	8760063	4.79	1 1-	2 ACSR 6/1	0	0	885	174	4	0	0	0.00	5.15	0
8760077	8760057	4.47	15 1-	2 ACSR 6/1	0	0	947	176	95	12	7	0.02	5.01	2
8760067	8760077	4.51	9 1- 15	KV 2 URD XLP	0	0	939	384	61	7	5	0.01	5.02	0
8760068	8760067	4.56	6 1- 15	KV 2 URD XLP	0	0	927	382	43	5	3	0.01	5.03	0
8760065	8760068	4.60	3 1- 15	KV 2 URD XLP	0	0	917	380	27	3	2	0.01	5.03	0
8660076	8760065	4.62	2 1- 15	KV 2 URD XLP	0	0	913	379	17	2	1	0.00	5.04	0
8660074	8760065	4.68	1 1- 15	KV 2 URD XLP	0	0	901	376	9	1	1	0.00	5.04	0
8760078	8760077	4.53	6 1-	2 ACSR 6/1	0	0	933	175	35	4	3	0.01	5.02	0
8760066	8760078	4.58	6 1- 15	KV 2 URD XLP	0	0	923	382	35	4	3	0.01	5.02	0
8760069	8760066	4.64	3 1- 15	KV 2 URD XLP	0	0	909	379	24	3	2	0.01	5.03	0
8760070	8760069	4.69	1 1- 15	KV 2 URD XLP	0	0	897	376	9	1	1	0.00	5.03	0
8760055	8760045	4.28	6 1-	2 ACSR 6/1	0	0	986	177	35	4	3	0.01	5.13	0
8760071	8760055	4.35	3 1-	2 ACSR 6/1	0	0	969	176	15	1	1	0.00	5.14	0
8760072	8760071	4.40	1 1-	2 ACSR 6/1	0	0	957	176	3	0	0	0.00	5.14	0
8760046	8760074	3.93	3 1-	2 ACSR 6/1	0	0	1068	178	10	1	1	0.00	5.11	0
8760076	8760046	3.96	1 1-	2 ACSR 6/1	0	0	1058	178	2	0	0	0.00	5.11	0
8760075	8760046	3.98	2 1-	2 ACSR 6/1	0	0	1052	178	9	1	1	0.00	5.11	0
8760080	8860039	3.42	2 1-	2 ACSR 6/1	0	0	1212	181	9	1	1	0.00	3.65	0
8760073	8860039	3.46	1 1-	2 ACSR 6/1	0	0	1199	181	5	0	0	0.00	4.59	0
8860038	8860040	3.34	2 1-	2 ACSR 6/1	0	0	1239	182	13	1	1	0.00	3.50	0
8860030	8870168	3.29	1 1-	2 ACSR 6/1	0	0	1255	182	2	0	0	0.00	3.46	0
8870166	8870121	3.14	2 1-	2 ACSR 6/1	0	0	1311	183	15	1	1	0.00	4.39	0
8870167	8870166	3.22	1 1-	2 ACSR 6/1	0	0	1275	182	7	0	0	0.00	4.39	0
8870190	8870189	2.79	16 1-	2 ACSR 6/1	0	0	1454	184	117	15	8	0.02	4.08	2
8870206	8870190	2.85	5 1-	2 ACSR 6/1	0	0	1422	184	32	4	2	0.00	4.08	0
8870207	8870206	2.90	2 1-	2 ACSR 6/1	0	0	1398	184	11	1	1	0.00	4.08	0
8870110	8870190	2.84	11 1-	2 ACSR 6/1	0	0	1429	184	85	10	6	0.01	4.09	0
8870254	8870110	2.88	2 1-	2 ACSR 6/1	0	0	1404	184	7	0	1	0.00	4.09	0
8870111	8870110	2.93	7 1-	2 ACSR 6/1	0	0	1382	183	60	7	4	0.02	4.11	0
8870208	8870111	2.99	5 1-	2 ACSR 6/1	0	0	1354	183	41	5	3	0.01	4.12	0
8870209	8870208	3.11	2 1-	2 ACSR 6/1	0	0	1297	182	13	1	1	0.00	4.12	0
8870272	8870208	3.01	2 1-	2 ACSR 6/1	0	0	1345	183	22	2	2	0.00	4.12	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE		
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS		
SUB 41	JELLICO(41)		630		2365	2414	2579	195	2367							
SUB 41,	CKT 1															
	BK4101	JELLICO(41)	0.00	205 3-		BK4101	2365	2414	2579	195	593	25	21	0.00	0.00	0
	20540010	BK4101	0.02	205 3-	1/0	ACSR 6/1	2355	2403	2561	194	593	25	11	0.00	0.01	4
	20540013	20540010	0.03	0 3-	1/0	ACSR 6/1	2348	2395	2548	194	0	0	0	0.00	0.01	0
	20-54-P031-A	20540013	0.03	0 3-		Open	2348	2395	2548	194	0	0	0	0.00	0.01	0
	20540009	20540010	0.08	205 3-	1/0	ACSR 6/1	2309	2351	2481	194	592	25	11	0.01	0.03	17
	D20-54-P028	20540009	0.08	15 1-		REC-50-L	0	0	2481	194	40	5	10	0.00	0.02	0
	20540029	D20-54-P028	0.13	15 1-	2	ACSR 6/1	0	0	2424	194	40	5	3	0.01	0.02	0
	20550015	20540029	0.17	14 1-	2	ACSR 6/1	0	0	2378	193	39	4	3	0.01	0.03	0
	20850098	20550015	0.21	11 1-	2	ACSR 6/1	0	0	2327	193	33	4	2	0.01	0.03	0
	20850099	20850098	0.25	10 1-	2	ACSR 6/1	0	0	2288	193	31	3	2	0.00	0.04	0
	20850008	20850099	0.64	3 1-	2	ACSR 6/1	0	0	1902	190	4	0	0	0.01	0.04	0
	20850390	20850008	0.68	3 1-	2	ACSR 6/1	0	0	1864	189	4	0	0	0.00	0.04	0
	20850391	20850390	0.82	2 1-	2	ACSR 6/1	0	0	1753	188	4	0	0	0.00	0.05	0
	20450017	20850391	1.13	1 1-	2	ACSR 6/1	0	0	1543	186	2	0	0	0.00	0.05	0
	20550007	20850099	0.30	7 1-	2	ACSR 6/1	0	0	2232	192	27	3	2	0.01	0.04	0
	20850393	20550007	0.34	6 1-	2	ACSR 6/1	0	0	2190	192	22	2	2	0.00	0.05	0
	20850394	20850393	0.49	5 1-	2	ACSR 6/1	0	0	2037	191	20	2	1	0.01	0.06	0
	20850396	20850394	0.53	2 1-	2	ACSR 6/1	0	0	2000	190	6	0	0	0.00	0.06	0
	20850395	20850394	0.59	1 1-	2	ACSR 6/1	0	0	1942	190	7	0	0	0.00	0.06	0
	20550014	20850394	0.54	1 1-	2	ACSR 6/1	0	0	1991	190	3	0	0	0.00	0.06	0
	20850392	20550007	0.34	1 1-	2	ACSR 6/1	0	0	2183	192	5	0	0	0.00	0.04	0
	20850096	20550015	0.21	3 1-	2	ACSR 6/1	0	0	2329	193	6	0	0	0.00	0.03	0
	20850097	20850096	0.38	2 1-	2	ACSR 6/1	0	0	2142	192	3	0	0	0.00	0.03	0
	20850397	20540009	0.18	190 3-	1/0	ACSR 6/1	2245	2279	2373	194	553	23	10	0.01	0.07	23
	20850398	20850397	0.27	188 3-	1/0	ACSR 6/1	2190	2216	2284	193	548	23	10	0.01	0.10	20
	20850401	20850398	0.33	187 3-	1/0	ACSR 6/1	2150	2170	2221	193	545	23	10	0.01	0.13	15
	20850402	20850401	0.39	1 1-	2	ACSR 6/1	0	0	2161	192	9	1	1	0.00	0.05	0
	20850400	20850401	0.62	185 3-	1/0	ACSR 6/1	1986	1980	1973	191	528	22	10	0.03	0.23	64
	20550006	20850400	0.79	39 1-	2	ACSR 6/1	0	0	1829	190	94	11	7	0.06	0.60	4
	D20-65-P002	20550006	0.79	39 1-		REC-50-L	0	0	1829	190	94	11	24	0.00	0.60	0
	20850734	D20-65-P002	0.86	39 1-	2	ACSR 6/1	0	0	1782	189	94	11	7	0.02	0.62	1
	20850735	20850734	0.95	37 1-	2	ACSR 6/1	0	0	1710	188	83	10	6	0.03	0.65	2
	20850869	20850735	1.14	36 1-	2	ACSR 6/1	0	0	1590	187	81	10	6	0.05	0.71	3
	20850870	20850869	1.25	1 1-	2	ACSR 6/1	0	0	1524	186	11	1	1	0.00	0.71	0
	20850855	20850869	1.33	34 1-	2	ACSR 6/1	0	0	1475	185	69	8	5	0.05	0.76	3
	20850856	20850855	1.37	2 1-	2	ACSR 6/1	0	0	1455	185	2	0	0	0.00	0.76	0
	20850857	20850856	1.51	1 1-	2	ACSR 6/1	0	0	1381	184	2	0	0	0.00	0.76	0
	20850854	20850855	1.37	32 1-	2	ACSR 6/1	0	0	1453	185	67	8	5	0.01	0.77	0
	20850351	20850854	1.50	31 1-	2	ACSR 6/1	0	0	1388	184	65	8	5	0.03	0.80	2
	20850352	20850351	1.56	31 1-	2	ACSR 6/1	0	0	1357	184	65	8	5	0.02	0.81	0
	D20-65-P016	20850352	1.56	25 1-		REC-35-L	0	0	1357	184	53	6	19	0.00	0.81	0
	20650019	D20-65-P016	1.67	25 1-	2	ACSR 6/1	0	0	1308	183	53	6	4	0.02	0.83	0
	D20-65-P020	20650019	1.67	25 1-		REC-35-L	0	0	1308	183	53	6	19	0.00	0.83	0
	20650017	D20-65-P020	1.86	25 1-	2	ACSR 6/1	0	0	1228	181	53	6	4	0.04	0.87	2
	20850540	20650017	1.95	1 1-	2	ACSR 6/1	0	0	1194	181	2	0	0	0.00	0.87	0
	20850996	20650017	1.91	24 1-	2	ACSR 6/1	0	0	1208	181	51	6	4	0.01	0.88	0
	20850998	20850996	1.97	23 1-	2	ACSR 6/1	0	0	1188	181	50	6	4	0.01	0.89	0
	20850999	20850998	2.04	22 1-	2	ACSR 6/1	0	0	1161	180	48	6	3	0.01	0.90	0
	20850997	20850999	2.11	20 1-	2	ACSR 6/1	0	0	1135	179	41	5	3	0.01	0.91	0
	20750003	20850997	2.68	19 1-	2	ACSR 6/1	0	0	970	175	38	4	3	0.08	0.99	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20750004	20750003	3.18	19 1-	2 ACSR 6/1	0	0	857	172	38	4	3	0.07	1.06	2
20850175	20750004	3.52	1 1-	2 ACSR 6/1	0	0	794	169	4	0	0	0.00	1.07	0
20850176	20850175	3.63	0 1-	2 ACSR 6/1	0	0	775	169	0	0	0	0.00	1.07	0
20851077	20750004	3.27	18 1-	2 ACSR 6/1	0	0	840	171	35	4	2	0.01	1.07	0
20851281	20851077	3.46	17 1-	2 ACSR 6/1	0	0	805	170	32	4	2	0.02	1.10	0
20851282	20851281	3.51	2 2-	2 ACSR 6/1	0	0	795	169	4	0	0	0.00	1.10	0
20850002	20851281	3.55	15 1-	2 ACSR 6/1	0	0	788	169	28	3	2	0.01	1.11	0
D20-85-P014	20850002	3.55	15 1-	FUS-20	0	0	788	169	28	3	20	0.00	1.11	0
20851283	D20-85-P014	3.61	15 1-	2 ACSR 6/1	0	0	779	169	28	3	2	0.01	1.11	0
20851284	20851283	3.71	14 1-	2 ACSR 6/1	0	0	762	168	27	3	2	0.01	1.12	0
20851285	20851284	3.80	14 1-	2 ACSR 6/1	0	0	748	168	27	3	2	0.01	1.13	0
20851286	20851285	3.98	13 1-	2 ACSR 6/1	0	0	722	166	25	3	2	0.02	1.15	0
20850667	20851286	4.03	4 1-	2 ACSR 6/1	0	0	715	166	9	1	1	0.00	1.15	0
20850668	20850667	4.08	3 1-	2 ACSR 6/1	0	0	707	166	4	0	0	0.00	1.15	0
20850004	20850668	4.16	1 1-	2 ACSR 6/1	0	0	697	165	3	0	0	0.00	1.15	0
20850003	20850668	4.16	1 1-	2 ACSR 6/1	0	0	697	165	0	0	0	0.00	1.15	0
20850005	20851286	4.07	9 1-	2 ACSR 6/1	0	0	709	166	16	2	1	0.00	1.15	0
20850188	20850005	4.24	8 1-	2 ACSR 6/1	0	0	687	165	12	1	1	0.01	1.16	0
20851009	20850188	4.62	7 1-	2 ACSR 6/1	0	0	640	162	12	1	1	0.02	1.18	0
20840001	20851009	4.70	5 1-	2 ACSR 6/1	0	0	631	162	8	1	1	0.00	1.18	0
20840004	20840001	4.74	1 1- 15 KV 2 URD XLP	0	0	0	627	319	1	0	0	0.00	1.18	0
20840002	20840001	4.77	4 1-	2 ACSR 6/1	0	0	624	161	7	0	0	0.00	1.18	0
20850276	20840002	4.93	3 1-	2 ACSR 6/1	0	0	607	160	4	0	0	0.00	1.18	0
20850277	20850276	5.15	2 1-	2 ACSR 6/1	0	0	585	159	4	0	0	0.00	1.18	0
20850177	20850277	5.46	1 1-	2 ACSR 6/1	0	0	558	157	1	0	0	0.00	1.18	0
20851072	20851009	4.70	1 1-	2 ACSR 6/1	0	0	632	162	3	0	0	0.00	1.18	0
20850541	20850999	2.17	2 1-	2 ACSR 6/1	0	0	1116	179	7	0	0	0.00	0.91	0
20850542	20850541	2.34	1 1-	2 ACSR 6/1	0	0	1065	178	4	0	0	0.00	0.91	0
D20-65-P016A	20850352	1.56	6 1-	REC-35-L	0	0	1357	184	12	1	5	0.00	0.81	0
20650018	D20-65-P016A	1.63	6 1-	2 ACSR 6/1	0	0	1325	183	12	1	1	0.00	0.82	0
20850445	20650018	1.72	1 1-	2 ACSR 6/1	0	0	1289	182	1	0	0	0.00	0.82	0
20850859	20650018	2.30	5 1-	2 ACSR 6/1	0	0	1076	178	12	1	1	0.03	0.84	0
20850860	20850859	2.45	4 1-	2 ACSR 6/1	0	0	1031	177	10	1	1	0.01	0.85	0
20850891	20850860	2.58	3 1-	2 ACSR 6/1	0	0	996	176	6	0	0	0.00	0.85	0
20850845	20850891	2.60	2 1-	2 ACSR 6/1	0	0	990	176	5	0	0	0.00	0.85	0
20850846	20850845	2.74	1 1-	2 ACSR 6/1	0	0	955	175	2	0	0	0.00	0.85	0
20850350	20850846	3.19	0 1-	2 ACSR 6/1	0	0	856	172	0	0	0	0.00	0.85	0
20850861	20850860	2.53	1 1-	2 ACSR 6/1	0	0	1009	176	3	0	0	0.00	0.85	0
20550005	20850400	0.67	146 3-	1/0 ACSR 6/1	1961	1950	1936	191	434	18	8	0.00	0.25	6
20850799	20550005	0.80	101 3-	1/0 ACSR 6/1	1896	1876	1845	190	288	12	5	0.00	0.27	7
20850908	20850799	1.00	100 3-	1/0 ACSR 6/1	1800	1767	1714	189	286	12	5	0.00	0.31	11
20550011	20850908	1.07	98 3-	1/0 ACSR 6/1	1769	1731	1673	189	281	11	5	0.00	0.32	4
20550013	20550011	1.16	1 1-	2 ACSR 6/1	0	0	1614	188	5	0	0	0.00	0.07	0
20550012	20550011	1.07	97 3-	1/0 ACSR 6/1	1766	1728	1669	189	276	11	5	0.00	0.32	0
20-55-P063-B	20550012	1.07	97 3-	Closed	1766	1728	1669	189	276	11	0	0.00	0.32	0
20-55-P063-A	20-55-P063-B	1.07	97 3-	Closed	1766	1728	1669	189	276	11	0	0.00	0.32	0
20850923	20-55-P063-A	1.18	97 3-	1/0 ACSR 6/1	1723	1679	1613	188	276	11	5	0.00	0.34	5
20850907	20850923	1.31	95 3-	1/0 ACSR 6/1	1668	1618	1544	187	272	11	5	0.00	0.36	7
20850800	20850907	1.38	94 3-	1/0 ACSR 6/1	1640	1588	1510	187	265	11	5	0.00	0.38	4
20850801	20850800	1.43	10 1-	2 ACSR 6/1	0	0	1480	186	21	2	1	0.00	0.35	0
20850802	20850801	1.56	9 1-	2 ACSR 6/1	0	0	1414	185	17	2	1	0.01	0.35	0
20850804	20850802	1.65	8 1-	2 ACSR 6/1	0	0	1370	185	16	2	1	0.01	0.36	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850805	20850804	1.67	7 1-	2 ACSR 6/1	0	0	1360	185	14	1	1	0.00	0.36	0
20850912	20850805	1.71	6 1-	2 ACSR 6/1	0	0	1341	184	14	1	1	0.00	0.36	0
20851106	20850912	1.75	2 1-	2 ACSR 6/1	0	0	1325	184	5	0	0	0.00	0.36	0
20851107	20850912	1.87	3 1-	2 ACSR 6/1	0	0	1274	183	6	0	0	0.00	0.36	0
20850979	20851107	1.92	2 1-	2 ACSR 6/1	0	0	1253	183	4	0	0	0.00	0.36	0
20850803	20850805	1.71	1 1-	2 ACSR 6/1	0	0	1342	184	1	0	0	0.00	0.36	0
20850980	20850800	1.67	84 3-	1/0 ACSR 6/1	1535	1473	1383	185	244	10	4	0.00	0.42	12
20851080	20850980	1.73	83 3-	1/0 ACSR 6/1	1513	1449	1358	185	244	10	4	0.00	0.43	3
20851081	20851080	1.99	82 3-	1/0 ACSR 6/1	1429	1359	1262	184	242	10	4	0.00	0.48	11
20851082	20851081	2.09	82 3-	1/0 ACSR 6/1	1400	1329	1230	183	242	10	4	0.00	0.49	4
20851084	20851082	2.26	0 1-	2 ACSR 6/1	0	0	1167	182	0	0	0	0.00	0.56	0
20851083	20851082	2.21	81 3-	1/0 ACSR 6/1	1366	1293	1192	182	234	9	4	0.00	0.51	5
20851085	20851083	2.34	0 1-	2 ACSR 6/1	0	0	1147	181	0	0	0	0.00	0.60	0
20851108	20851083	2.24	81 3-	1/0 ACSR 6/1	1359	1286	1185	182	234	9	4	0.00	0.52	0
20851109	20851108	2.31	79 3-	1/0 ACSR 6/1	1339	1264	1163	182	230	9	4	0.00	0.53	3
20851058	20851109	2.39	78 3-	1/0 ACSR 6/1	1318	1242	1140	182	227	9	4	0.00	0.54	3
20560025	20851058	2.45	77 3-	1/0 ACSR 6/1	1302	1226	1123	181	225	9	4	0.00	0.55	2
20560026	20560025	2.51	76 3-	1/0 ACSR 6/1	1288	1211	1108	181	216	9	4	0.00	0.56	2
20851138	20560026	2.52	41 3-	1/0 ACSR 6/1	1283	1207	1104	181	134	5	2	0.00	0.56	0
20560019	20851138	2.56	39 3-	1/0 ACSR 6/1	1274	1197	1094	181	132	5	2	0.00	0.56	0
20460019	20560019	2.62	1 3- 15	KV 2 URD XLP	1262	1186	1082	409	0	0	0	0.00	0.56	0
20460018	20560019	2.65	38 3-	1/0 ACSR 6/1	1252	1174	1071	180	132	5	2	0.01	0.57	0
20460004	20460018	2.70	1 1-	2 ACSR 6/1	0	0	1056	180	5	0	0	0.00	0.06	0
20460001	20460018	2.74	36 3-	1/0 ACSR 6/1	1232	1154	1050	180	123	5	2	0.00	0.58	0
20460005	20460001	2.80	31 3-	1/0 ACSR 6/1	1219	1140	1036	179	110	4	2	0.00	0.58	0
20460015	20460005	2.85	30 3-	1/0 ACSR 6/1	1206	1127	1024	179	106	4	2	0.00	0.58	0
20460016	20460015	2.90	29 3-	1/0 ACSR 6/1	1196	1117	1013	179	101	4	2	0.00	0.59	0
20460007	20460016	3.06	27 3-	1/0 ACSR 6/1	1161	1082	978	178	94	3	2	0.01	0.60	0
20460008	20460007	3.17	26 3-	1/0 ACSR 6/1	1139	1059	956	177	91	3	2	0.01	0.60	0
20460009	20460008	3.21	25 3-	1/0 ACSR 6/1	1132	1052	948	177	90	3	2	0.00	0.61	0
20450018	20460009	3.29	24 3-	1/0 ACSR 6/1	1117	1037	934	177	84	3	2	0.00	0.61	0
20450019	20450018	3.41	23 3-	1/0 ACSR 6/1	1093	1013	910	176	82	3	2	0.01	0.62	0
20450020	20450019	3.51	21 3-	1/0 ACSR 6/1	1076	996	884	176	72	3	1	0.00	0.62	0
20450021	20450020	3.55	3 1-	2 ACSR 6/1	0	0	894	175	12	1	1	0.00	0.78	0
20450016	20450021	3.68	1 1-	2 ACSR 6/1	0	0	859	174	5	0	0	0.00	0.78	0
20450005	20450020	3.68	18 3-	2 ACSR 6/1	1039	958	858	174	60	2	1	0.01	0.63	0
20450022	20450005	3.83	0 1-	2 ACSR 6/1	0	0	830	173	0	0	0	0.00	0.79	0
20450006	20450005	3.77	18 3-	2 ACSR 6/1	1021	940	842	174	60	2	1	0.01	0.64	0
D20-35-P041	20450006	3.77	18 3-	REC-50-H	1021	940	842	174	60	2	1	0.00	0.64	0
20350026	D20-35-P041	3.97	18 3-	1/0 ACSR 6/1	990	909	812	173	60	2	1	0.01	0.65	0
20350028	20350026	4.06	0 1-	2 ACSR 6/1	0	0	796	172	0	0	0	0.00	0.81	0
20350027	20350026	4.04	17 3-	1/0 ACSR 6/1	979	899	802	172	57	2	1	0.00	0.65	0
20350029	20350027	4.09	1 1-	2 ACSR 6/1	0	0	794	172	8	0	0	0.00	0.14	0
20350021	20350027	4.15	16 3-	1/0 ACSR 6/1	963	883	786	172	50	2	1	0.00	0.65	0
20350036	20350021	4.35	13 3-	1/0 ACSR 6/1	934	855	760	171	34	1	1	0.01	0.66	0
20350035	20350036	4.53	9 3-	1/0 ACSR 6/1	911	832	738	170	23	0	0	0.00	0.66	0
20350025	20350035	4.74	8 3-	1/0 ACSR 6/1	884	806	713	169	21	0	0	0.00	0.66	0
20360005	20350025	4.92	7 3-	1/0 ACSR 6/1	862	785	694	168	16	0	0	0.00	0.66	0
20360006	20360005	5.11	7 3-	1/0 ACSR 6/1	841	764	674	167	16	0	0	0.00	0.67	0
20360003	20360006	5.25	6 3-	1/0 ACSR 6/1	826	750	661	167	15	0	0	0.00	0.67	0
20360004	20360003	5.56	6 3-	1/0 ACSR 6/1	794	720	633	165	15	0	0	0.01	0.67	0
20260006	20360004	6.19	5 3-	1/0 ACSR 6/1	736	664	581	162	15	0	0	0.01	0.68	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20250008	20260006	6.63	0 1-	2 ACSR 6/1	0	0	543	159	0	0	0	0.00	0.20	0
20250006	20260006	6.35	5 3-	1/0 ACSR 6/1	722	651	570	162	15	0	0	0.00	0.68	0
20260007	20250006	6.71	4 3-	1/0 ACSR 6/1	694	624	545	160	12	0	0	0.01	0.68	0
20260012	20260007	6.82	3 3-	1/0 ACSR 6/1	685	616	538	159	10	0	0	0.00	0.68	0
20260013	20260012	7.19	3 3-	1/0 ACSR 6/1	659	591	515	158	10	0	0	0.01	0.68	0
20260011	20260013	7.30	0 1-	2 ACSR 6/1	0	0	507	157	0	0	0	0.00	0.22	0
20260010	20260013	7.59	3 3-	1/0 ACSR 6/1	633	567	493	156	10	0	0	0.01	0.69	0
20852004	20260010	7.90	1 3-	1/0 ACSR 6/1	613	549	476	155	2	0	0	0.00	0.69	0
20852003	20852004	7.92	0 3-	1/0 ACSR 6/1	612	548	476	155	0	0	0	0.00	0.69	0
20-17-P045-A	20852003	7.92	0 3-	Open	612	548	476	155	0	0	0	0.00	0.69	0
20851815	20260010	7.69	2 1-	2 ACSR 6/1	0	0	486	156	9	1	1	0.00	0.23	0
20360002	20360006	5.18	1 1-	2 ACSR 6/1	0	0	666	167	0	0	0	0.00	0.83	0
20350024	20350035	4.61	1 1-	2 ACSR 6/1	0	0	726	170	2	0	0	0.00	0.83	0
20350038	20350036	4.46	2 1-	2 ACSR 6/1	0	0	744	170	4	0	0	0.00	0.16	0
20350037	20350038	4.53	1 1-	2 ACSR 6/1	0	0	733	170	2	0	0	0.00	0.16	0
20350033	20350037	5.23	0 1-	2 ACSR 6/1	0	0	645	165	0	0	0	0.00	0.16	0
20350034	20350033	5.31	0 1-	2 ACSR 6/1	0	0	636	164	0	0	0	0.00	0.16	0
20350020	20350033	5.31	0 1-	2 ACSR 6/1	0	0	636	165	0	0	0	0.00	0.16	0
20350019	20350021	4.17	3 1-	2 ACSR 6/1	0	0	784	172	15	1	1	0.00	0.82	0
20350031	20350019	4.26	2 1-	2 ACSR 6/1	0	0	768	171	12	1	1	0.00	0.83	0
20350032	20350031	4.31	1 1-	2 ACSR 6/1	0	0	760	171	7	0	0	0.00	0.83	0
20350030	20350019	4.22	1 1-	2 ACSR 6/1	0	0	775	171	3	0	0	0.00	0.82	0
20450015	20460009	3.26	1 1-	2 ACSR 6/1	0	0	937	177	6	0	0	0.00	0.10	0
20460006	20460016	3.01	1 1-	2 ACSR 6/1	0	0	985	178	0	0	0	0.00	0.08	0
20460002	20460001	2.82	3 1-	2 ACSR 6/1	0	0	1028	179	7	0	1	0.00	0.71	0
20460003	20460002	3.12	0 1-	2 ACSR 6/1	0	0	951	177	0	0	0	0.00	0.71	0
20851059	20851138	2.55	2 1-	2 ACSR 6/1	0	0	1095	181	2	0	0	0.00	0.69	0
20851137	20560026	2.56	31 1-	2 ACSR 6/1	0	0	1092	180	76	9	5	0.01	0.70	0
20851276	20851137	2.60	28 1-	2 ACSR 6/1	0	0	1079	180	69	8	5	0.01	0.71	0
20851277	20851276	2.66	25 1-	2 ACSR 6/1	0	0	1061	180	59	7	4	0.01	0.72	0
D20-56-P019	20851277	2.66	25 1-	RRC-35-L	0	0	1061	180	59	7	22	0.00	0.72	0
20851278	D20-56-P019	2.71	25 1-	2 ACSR 6/1	0	0	1047	179	59	7	4	0.01	0.73	0
20851280	20851278	2.80	22 1-	2 ACSR 6/1	0	0	1023	179	56	7	4	0.02	0.75	0
20851131	20851280	2.88	20 1-	2 ACSR 6/1	0	0	1001	178	53	6	4	0.02	0.77	0
20851132	20851131	2.96	19 1-	2 ACSR 6/1	0	0	980	177	51	6	4	0.02	0.78	0
20851314	20851132	3.01	1 1-	2 ACSR 6/1	0	0	969	177	2	0	0	0.00	0.78	0
20851699	20851314	3.04	1 1-	2 ACSR 6/1	0	0	962	177	2	0	0	0.00	0.78	0
20851545	20851132	3.08	18 1-	2 ACSR 6/1	0	0	952	177	50	6	4	0.02	0.81	0
20851700	20851545	3.12	17 1-	2 ACSR 6/1	0	0	943	176	44	5	3	0.01	0.81	0
20851670	20851700	3.16	1 1-	2 ACSR 6/1	0	0	933	176	5	0	0	0.00	0.81	0
20851669	20851700	3.19	15 1-	2 ACSR 6/1	0	0	927	176	36	4	3	0.01	0.82	0
20851146	20851669	3.25	14 1-	2 ACSR 6/1	0	0	912	175	32	4	2	0.01	0.83	0
20851147	20851146	3.27	14 1-	2 ACSR 6/1	0	0	909	175	32	4	2	0.00	0.83	0
20460010	20851147	3.35	2 1-	2 ACSR 6/1	0	0	890	175	3	0	0	0.00	0.83	0
20460011	20460010	3.68	1 1-	2 ACSR 6/1	0	0	826	172	1	0	0	0.00	0.83	0
20460014	20460011	4.08	1 1-	2 ACSR 6/1	0	0	759	170	1	0	0	0.00	0.83	0
20470001	20460014	4.16	1 1-	2 ACSR 6/1	0	0	747	169	1	0	0	0.00	0.83	0
20470002	20470001	4.89	0 1-	2 ACSR 6/1	0	0	650	164	0	0	0	0.00	0.83	0
2046	20851147	3.34	12 1-	2 ACSR 6/1	0	0	893	175	30	3	2	0.01	0.84	0
20851145	2046	3.51	3 1-	2 ACSR 6/1	0	0	859	174	9	1	1	0.01	0.84	0
20851659	20851145	3.60	1 1-	2 ACSR 6/1	0	0	841	173	6	0	0	0.00	0.84	0
20851658	20851145	3.55	1 1-	2 ACSR 6/1	0	0	851	173	2	0	0	0.00	0.84	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20560014	2046	3.40	9 1-	2 ACSR 6/1	0	0	881	174	21	2	1	0.00	0.84	0
20851060	20560014	3.47	1 1-	2 ACSR 6/1	0	0	867	174	3	0	0	0.00	0.84	0
20560015	20560014	3.58	8 1-	2 ACSR 6/1	0	0	845	173	17	2	1	0.01	0.85	0
20851076	20560015	3.64	2 1-	2 ACSR 6/1	0	0	833	173	3	0	0	0.00	0.85	0
20851251	20560015	3.67	1 1-	2 ACSR 6/1	0	0	828	172	2	0	0	0.00	0.85	0
20560016	20560015	3.96	5 1-	2 ACSR 6/1	0	0	778	170	13	1	1	0.02	0.87	0
20851671	20560016	3.99	1 1-	2 ACSR 6/1	0	0	773	170	3	0	0	0.00	0.87	0
20570005	20560016	4.05	4 1-	2 ACSR 6/1	0	0	764	170	9	1	1	0.00	0.87	0
D20-57-P007	20570005	4.05	4 1-	SEC-35-GH	0	0	764	170	9	1	0	0.00	0.87	0
20570004	D20-57-P007	4.14	4 1-	2 ACSR 6/1	0	0	750	169	9	1	1	0.00	0.88	0
20570007	20570004	4.31	0 1-	2 ACSR 6/1	0	0	725	168	0	0	0	0.00	0.88	0
20570008	20570007	4.57	0 1-	2 ACSR 6/1	0	0	689	166	0	0	0	0.00	0.88	0
20851660	20570008	4.74	0 1-	2 ACSR 6/1	0	0	669	165	0	0	0	0.00	0.88	0
20851662	20570004	4.19	2 1-	2 ACSR 6/1	0	0	742	169	2	0	0	0.00	0.88	0
20850858	20570004	5.00	1 1-	1/0 1PSC	0	0	646	165	5	0	0	0.01	0.88	0
20851661	20570004	4.19	1 1-	2 ACSR 6/1	0	0	743	169	3	0	0	0.00	0.88	0
20570006	20570005	4.12	0 1-	2 ACSR 6/1	0	0	753	169	0	0	0	0.00	0.87	0
20560020	20851669	3.23	1 1-	2 ACSR 6/1	0	0	916	175	4	0	0	0.00	0.82	0
20560024	20851545	3.12	1 1-	2 ACSR 6/1	0	0	942	176	6	0	0	0.00	0.81	0
20851279	20851278	2.78	1 1-	2 ACSR 6/1	0	0	1028	179	2	0	0	0.00	0.74	0
20851275	20851137	2.59	2 1-	2 ACSR 6/1	0	0	1081	180	7	0	0	0.00	0.70	0
20851136	20560026	2.59	2 1-	2 ACSR 6/1	0	0	1084	180	4	0	0	0.00	0.69	0
20560017	20851081	2.04	0 1-	2 ACSR 6/1	0	0	1243	183	0	0	0	0.00	0.53	0
20850906	20850923	1.25	1 1-	2 ACSR 6/1	0	0	1566	187	3	0	0	0.00	0.07	0
20850796	20550005	0.76	45 1-	2 ACSR 6/1	0	0	1865	190	146	18	10	0.05	0.62	5
20850798	20850796	0.80	1 1-	2 ACSR 6/1	0	0	1830	190	7	0	0	0.00	0.62	0
20850875	20850798	0.84	0 1-	2 ACSR 6/1	0	0	1797	189	0	0	0	0.00	0.62	0
20850797	20850796	0.93	44 1-	2 ACSR 6/1	0	0	1729	189	139	17	10	0.10	0.72	10
D20-65-P040	20850797	0.93	44 1-	REC-35-L	0	0	1729	189	139	17	51	0.00	0.72	0
20850543	D20-65-P040	1.03	44 1-	2 ACSR 6/1	0	0	1660	188	139	17	10	0.05	0.77	6
20850532	20850543	1.25	43 1-	2 ACSR 6/1	0	0	1528	186	138	17	10	0.11	0.89	12
20850533	20850532	1.42	42 1-	2 ACSR 6/1	0	0	1429	185	137	17	10	0.09	0.98	10
20850525	20850533	1.52	41 1-	2 ACSR 6/1	0	0	1379	184	134	17	10	0.05	1.03	5
20850526	20850525	1.98	40 1-	2 ACSR 6/1	0	0	1187	181	132	17	9	0.23	1.26	23
20650020	20850526	2.25	39 1-	2 ACSR 6/1	0	0	1094	179	129	16	9	0.14	1.40	13
20660003	20650020	2.56	39 1-	2 ACSR 6/1	0	0	1003	176	129	16	9	0.16	1.56	15
20851001	20660003	2.72	38 1-	2 ACSR 6/1	0	0	960	175	129	16	9	0.08	1.64	8
20851002	20851001	2.82	37 1-	2 ACSR 6/1	0	0	938	174	128	16	9	0.05	1.69	4
20851003	20851002	2.87	36 1-	2 ACSR 6/1	0	0	926	174	126	16	9	0.03	1.71	2
20851005	20851003	2.96	35 1-	2 ACSR 6/1	0	0	905	173	124	16	9	0.04	1.76	4
20851006	20851005	3.08	34 1-	2 ACSR 6/1	0	0	880	173	122	15	9	0.06	1.81	5
20851007	20851006	3.16	34 1-	2 ACSR 6/1	0	0	863	172	122	15	9	0.04	1.85	4
20851008	20851007	3.25	2 1-	2 ACSR 6/1	0	0	844	171	7	0	0	0.00	1.85	0
20760002	20851007	3.39	32 1-	2 ACSR 6/1	0	0	819	170	115	15	8	0.11	1.96	9
20850168	20760002	3.43	2 1-	2 ACSR 6/1	0	0	812	170	4	0	0	0.00	1.96	0
20850169	20760002	3.60	30 1-	2 ACSR 6/1	0	0	782	169	111	14	8	0.09	2.05	8
20850170	20850169	3.65	28 1-	2 ACSR 6/1	0	0	773	169	109	14	8	0.02	2.07	2
20850171	20850170	3.85	27 1-	2 ACSR 6/1	0	0	742	167	109	14	8	0.09	2.16	7
20850172	20850171	4.16	27 1-	2 ACSR 6/1	0	0	698	165	109	14	8	0.13	2.29	11
20850174	20850172	4.21	1 1-	2 ACSR 6/1	0	0	691	165	1	0	0	0.00	2.29	0
20850173	20850172	4.24	25 1-	2 ACSR 6/1	0	0	688	165	107	14	8	0.03	2.32	3
20850128	20850173	4.28	1 1-	2 ACSR 6/1	0	0	683	165	1	0	0	0.00	2.32	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
20860005	20850173	4.28	24 1-	2 ACSR 6/1	0	0	682	165	106	13	8	0.02	2.34	2
D20-86-P020	20860005	4.28	24 1-	REC-25-H	0	0	682	165	106	13	56	0.00	2.34	0
20860004	D20-86-P020	4.67	24 1-	2 ACSR 6/1	0	0	636	162	106	13	8	0.16	2.51	13
20850178	20860004	4.73	1 1-	2 ACSR 6/1	0	0	629	162	4	0	0	0.00	2.51	0
20850179	20850178	4.83	0 1-	2 ACSR 6/1	0	0	618	161	0	0	0	0.00	2.51	0
20970002	20860004	4.97	23 1-	2 ACSR 6/1	0	0	604	160	102	13	7	0.12	2.63	9
20960002	20970002	5.08	23 1-	2 ACSR 6/1	0	0	593	159	102	13	7	0.05	2.67	4
26060011	20960002	5.19	22 1-	2 ACSR 6/1	0	0	582	159	101	13	7	0.04	2.72	3
26060012	26060011	5.23	20 1-	2 ACSR 6/1	0	0	579	159	97	12	7	0.02	2.73	1
26060009	26060012	5.30	18 1-	2 ACSR 6/1	0	0	572	158	93	12	7	0.03	2.76	2
26060010	26060009	6.22	17 1-	2 ACSR 6/1	0	0	499	153	92	12	7	0.34	3.10	24
26160022	26060010	6.45	13 1-	2 ACSR 6/1	0	0	484	151	78	10	6	0.07	3.17	4
26160024	26160022	6.50	12 1-	2 ACSR 6/1	0	0	481	151	73	9	5	0.01	3.18	0
26160025	26160024	6.76	11 1-	2 ACSR 6/1	0	0	464	150	68	9	5	0.07	3.26	4
26160009	26160025	6.88	10 1-	2 ACSR 6/1	0	0	457	149	62	8	5	0.03	3.29	1
D26-16-P005	26160009	6.88	10 1-	SEC-25-GH	0	0	457	149	62	8	0	0.00	3.29	0
26160026	D26-16-P005	7.90	10 1-	2 ACSR 6/1	0	0	405	144	62	8	5	0.25	3.54	11
26270002	26160026	8.59	8 1-	2 ACSR 6/1	0	0	376	140	55	7	4	0.16	3.70	7
26360009	26270002	8.68	3 1-	2 ACSR 6/1	0	0	372	140	10	1	1	0.00	3.70	0
26360004	26270002	8.67	5 1-	2 ACSR 6/1	0	0	372	140	45	6	3	0.02	3.71	0
26360010	26360004	9.57	4 1-	2 ACSR 6/1	0	0	340	136	40	5	3	0.16	3.87	5
26460005	26360010	9.68	3 1-	2 ACSR 6/1	0	0	337	135	38	5	3	0.02	3.89	0
26460006	26460005	9.73	3 1-	2 ACSR 6/1	0	0	335	135	38	5	3	0.01	3.90	0
26460001	26460006	9.99	2 1-	2 ACSR 6/1	0	0	327	134	37	5	3	0.04	3.93	0
26460002	26460001	10.03	1 1-	2 ACSR 6/1	0	0	326	134	28	4	2	0.00	3.94	0
26360008	26360004	8.78	1 1-	2 ACSR 6/1	0	0	368	139	5	0	0	0.00	3.72	0
26360003	26270002	8.71	0 1-	2 ACSR 6/1	0	0	371	140	0	0	0	0.00	3.70	0
26160008	26160025	6.96	1 1-	2 ACSR 6/1	0	0	453	149	6	0	0	0.00	3.26	0
26160019	26060010	6.28	4 1-	2 ACSR 6/1	0	0	495	152	14	1	1	0.00	3.10	0
26160020	26160019	6.33	3 1-	2 ACSR 6/1	0	0	492	152	14	1	1	0.00	3.10	0
26160021	26160020	6.49	2 1-	2 ACSR 6/1	0	0	481	151	13	1	1	0.01	3.11	0
26160023	26160021	6.55	2 1-	2 ACSR 6/1	0	0	477	151	13	1	1	0.00	3.11	0
26160027	26160023	6.64	1 1-	15 KV 2 URD XLP	0	0	472	276	4	0	0	0.00	3.11	0
20851004	20851003	2.96	0 1-	2 ACSR 6/1	0	0	905	173	0	0	0	0.00	1.71	0
20760003	20851003	2.95	1 1-	2 ACSR 6/1	0	0	908	173	2	0	0	0.00	1.71	0
20851000	20660003	2.94	1 1-	2 ACSR 6/1	0	0	909	174	0	0	0	0.00	1.56	0
20850733	20850526	2.03	1 1-	2 ACSR 6/1	0	0	1170	180	2	0	0	0.00	1.26	0
20850399	20850398	0.33	1 1-	2 ACSR 6/1	0	0	2214	193	3	0	0	0.00	0.04	0

CKT 1 total losses: \$509

SUB 41, CKT 2

BK4102	JELLICO(41)	0.00	425 3-	BK4102	2365	2414	2579	195	1775	74	31	0.00	0.00	0
20540011	BK4102	0.01	425 3-	1/0 ACSR 6/1	2355	2403	2561	194	1775	74	32	0.01	0.02	25
20540024	20540011	0.14	425 3-	1/0 ACSR 6/1	2271	2309	2417	194	1774	74	32	0.08	0.15	218
20540025	20540024	0.20	423 3-	1/0 ACSR 6/1	2231	2263	2350	193	1760	73	32	0.04	0.21	107
20540014	20540025	0.25	422 3-	1/0 ACSR 6/1	2201	2228	2302	193	1758	73	32	0.03	0.26	81
20540015	20540014	0.29	421 3-	1/0 ACSR 6/1	2175	2198	2260	193	1755	73	32	0.03	0.31	73
20540030	20540015	0.37	421 3-	1/0 ACSR 6/1	2126	2142	2183	192	1755	73	32	0.05	0.39	138
D20-54-P013	20540030	0.37	5 1-	REC-35-L	0	0	2183	192	17	2	6	0.00	0.68	0
20540026	D20-54-P013	0.55	5 1-	2 ACSR 6/1	0	0	2008	191	17	2	1	0.01	0.69	0
20540033	20540026	0.59	1 1-	1/0 ACSR 6/1	0	0	1975	191	10	1	1	0.00	0.69	0
20540032	20540026	1.08	4 1-	2 ACSR 6/1	0	0	1602	187	7	0	1	0.01	0.70	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
20440005	20540032	1.27	4 1-	2 ACSR 6/1	0	0	1486	185	7	0	1	0.01	0.71	0
20440004	20440005	2.56	4 1-	2 ACSR 6/1	0	0	990	176	7	0	1	0.03	0.74	0
20852126	20440004	2.64	3 1-	2 ACSR 6/1	0	0	968	175	5	0	0	0.00	0.74	0
20852178	20852126	2.82	2 1-	2 ACSR 6/1	0	0	924	174	3	0	0	0.00	0.75	0
20852180	20852178	2.92	1 1-	2 ACSR 6/1	0	0	903	173	2	0	0	0.00	0.75	0
20852179	20852178	2.87	1 1-	2 ACSR 6/1	0	0	914	173	1	0	0	0.00	0.75	0
20852125	20440004	2.67	1 1-	2 ACSR 6/1	0	0	961	175	2	0	0	0.00	0.74	0
20852124	20440004	2.69	0 1-	2 ACSR 6/1	0	0	956	175	0	0	0	0.00	0.74	0
20540017	20540030	0.45	416 3-	1/0 ACSR 6/1	2083	2092	2117	192	1736	72	32	0.05	0.46	121
20540018	20540017	0.65	415 3-	1/0 ACSR 6/1	1972	1964	1953	191	1732	72	32	0.13	0.67	335
20540020	20540018	0.72	414 3-	1/0 ACSR 6/1	1934	1919	1898	191	1723	72	31	0.05	0.75	121
20540021	20540020	0.81	413 3-	1/0 ACSR 6/1	1888	1867	1834	190	1722	72	31	0.06	0.84	151
20540027	20540021	0.88	413 3-	1/0 ACSR 6/1	1857	1832	1791	190	1720	72	31	0.04	0.90	104
20540028	20540027	1.47	413 3-	1/0 ACSR 6/1	1606	1550	1468	186	1719	72	31	0.38	1.51	980
20630007	20540028	1.83	413 3-	1/0 ACSR 6/1	1481	1415	1321	184	1710	72	31	0.23	1.87	590
20852036	20630007	1.90	1 1-	2 ACSR 6/1	0	0	1289	184	1	0	0	0.00	3.22	0
20630008	20630007	1.89	412 3-	1/0 ACSR 6/1	1461	1393	1298	184	1704	72	31	0.04	1.93	106
20852108	20630008	1.99	2 1-	2 ACSR 6/1	0	0	1257	183	2	0	0	0.00	3.33	0
20630009	20630008	1.97	410 3-	1/0 ACSR 6/1	1436	1367	1270	184	1701	72	31	0.05	2.01	132
20852037	20630009	2.13	410 3-	1/0 ACSR 6/1	1389	1317	1217	183	1700	72	31	0.10	2.17	261
20852038	20852037	2.20	409 3-	1/0 ACSR 6/1	1368	1295	1195	182	1692	72	31	0.05	2.24	118
20852039	20852038	2.27	408 3-	1/0 ACSR 6/1	1350	1276	1175	182	1688	71	31	0.04	2.31	109
D20-63-P002	20852039	2.27	62 1-	REC-50-L	0	0	1175	182	258	33	67	0.00	3.98	0
20852040	D20-63-P002	2.35	62 1-	2 ACSR 6/1	0	0	1146	181	258	33	19	0.08	4.07	17
20850349	20852040	2.42	60 1-	2 ACSR 6/1	0	0	1124	181	252	32	18	0.06	4.13	12
20850504	20850349	2.50	57 1-	2 ACSR 6/1	0	0	1099	180	240	31	17	0.07	4.20	13
20852109	20850504	2.79	54 1-	2 ACSR 6/1	0	0	1015	178	225	29	16	0.25	4.45	45
20530002	20852109	3.37	52 1-	2 ACSR 6/1	0	0	879	174	219	28	16	0.48	4.93	85
20530003	20530002	3.57	52 1-	2 ACSR 6/1	0	0	839	173	219	28	16	0.17	5.10	30
20530004	20530003	3.67	52 1-	2 ACSR 6/1	0	0	821	172	218	28	16	0.08	5.18	14
20852175	20530004	3.75	51 1-	2 ACSR 6/1	0	0	807	171	217	28	16	0.07	5.25	12
D20-43-P005	20852175	3.75	50 1-	REC-35-H	0	0	807	171	215	28	81	0.00	5.25	0
20852176	D20-43-P005	3.82	50 1-	2 ACSR 6/1	0	0	794	171	215	28	16	0.06	5.31	10
20852177	20852176	4.17	49 1-	2 ACSR 6/1	0	0	739	168	212	28	16	0.28	5.59	47
20420015	20852177	4.23	48 1-	2 ACSR 6/1	0	0	730	168	203	26	15	0.05	5.64	8
D20-42-P008	20420015	4.23	11 1-	FUS	0	0	730	168	52	6	155	0.00	5.64	0
20420016	D20-42-P008	4.29	11 1-	2 ACSR 6/1	0	0	721	168	52	6	4	0.01	5.65	0
20420025	20420016	4.41	8 1-	2 ACSR 6/1	0	0	705	167	46	6	3	0.02	5.67	0
20420020	20420025	4.46	7 1-	2 ACSR 6/1	0	0	698	166	40	5	3	0.01	5.67	0
20420021	20420020	4.64	6 1-	2 ACSR 6/1	0	0	675	165	33	4	2	0.02	5.69	0
20420022	20420021	4.69	4 1-	2 ACSR 6/1	0	0	669	165	22	2	2	0.00	5.70	0
20420023	20420022	4.73	3 1-	2 ACSR 6/1	0	0	664	165	17	2	1	0.00	5.70	0
20420024	20420023	4.77	2 1-	2 ACSR 6/1	0	0	659	164	15	1	1	0.00	5.70	0
20420026	20420024	4.82	1 1-	2 ACSR 6/1	0	0	654	164	7	0	1	0.00	5.70	0
D20-42-P008A	20420015	4.23	37 1-	FUS	0	0	730	168	151	20	457	0.00	5.64	0
20420017	D20-42-P008A	4.27	37 1-	2 ACSR 6/1	0	0	724	168	151	20	11	0.02	5.66	3
20420018	20420017	4.42	37 1-	2 ACSR 6/1	0	0	704	167	151	20	11	0.08	5.74	10
20420019	20420018	4.49	36 1-	2 ACSR 6/1	0	0	694	166	150	19	11	0.04	5.78	5
20852111	20420019	4.56	1 1-	2 ACSR 6/1	0	0	686	166	3	0	0	0.00	5.78	0
20852112	20852111	4.60	0 1-	2 ACSR 6/1	0	0	680	166	0	0	0	0.00	5.78	0
20852110	20852112	4.66	0 1-	2 ACSR 6/1	0	0	673	165	0	0	0	0.00	5.78	0
20852009	20852112	4.66	0 1-	2 ACSR 6/1	0	0	673	165	0	0	0	0.00	5.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852010	20420019	4.77	35 1-	2 ACSR 6/1	0	0	660	164	147	19	11	0.15	5.93	17
20852113	20852010	4.81	1 1-	2 ACSR 6/1	0	0	655	164	1	0	0	0.00	5.93	0
20852011	20852010	4.96	33 1-	2 ACSR 6/1	0	0	637	163	134	17	10	0.10	6.04	11
20320014	20852011	5.05	31 1-	2 ACSR 6/1	0	0	628	163	127	16	9	0.04	6.08	5
D20-32-P017	20320014	5.05	15 1-	SEC-35-GH	0	0	628	163	59	7	0	0.00	6.08	0
20320020	D20-32-P017	5.22	15 1-	2 ACSR 6/1	0	0	610	162	59	7	4	0.04	6.12	2
20320021	20320020	5.26	11 1-	2 ACSR 6/1	0	0	606	161	56	7	4	0.01	6.13	0
20320030	20320021	5.37	10 1-	2 ACSR 6/1	0	0	595	161	48	6	4	0.02	6.14	0
20320031	20320030	5.49	9 1-	2 ACSR 6/1	0	0	584	160	46	6	3	0.02	6.16	0
20320029	20320031	5.55	7 1-	2 ACSR 6/1	0	0	578	160	37	4	3	0.01	6.17	0
20320022	20320029	5.62	5 1-	2 ACSR 6/1	0	0	572	159	30	4	2	0.01	6.18	0
20320023	20320022	5.69	4 1-	2 ACSR 6/1	0	0	566	159	22	2	2	0.01	6.18	0
20320015	20320023	6.19	3 1-	2 ACSR 6/1	0	0	524	156	10	1	1	0.02	6.20	0
20852048	20320015	6.26	1 1-	2 ACSR 6/1	0	0	520	155	2	0	0	0.00	6.20	0
20851934	20320015	6.35	2 1-	2 ACSR 6/1	0	0	513	155	7	0	1	0.00	6.21	0
20320024	20320023	5.75	1 1-	2 ACSR 6/1	0	0	560	158	12	1	1	0.00	6.19	0
20320016	20320014	5.63	16 1-	2 ACSR 6/1	0	0	570	159	67	8	5	0.15	6.23	8
20320027	20320016	5.75	14 1-	2 ACSR 6/1	0	0	560	158	60	7	4	0.03	6.26	1
20320028	20320027	5.77	13 1-	2 ACSR 6/1	0	0	558	158	56	7	4	0.00	6.26	0
20320036	20320028	5.81	12 1-	2 ACSR 6/1	0	0	555	158	56	7	4	0.01	6.27	0
20320026	20320036	5.87	11 1-	2 ACSR 6/1	0	0	550	158	54	7	4	0.01	6.28	0
20320033	20320026	5.96	8 1-	2 ACSR 6/1	0	0	542	157	41	5	3	0.01	6.29	0
20320034	20320033	6.13	7 1-	2 ACSR 6/1	0	0	529	156	32	4	2	0.02	6.31	0
20320025	20320034	6.19	5 1-	2 ACSR 6/1	0	0	525	156	30	4	2	0.01	6.32	0
20320035	20320025	6.55	4 1-	2 ACSR 6/1	0	0	498	154	24	3	2	0.03	6.35	0
20220003	20320035	6.64	3 1-	2 ACSR 6/1	0	0	492	153	15	2	1	0.00	6.36	0
20220001	20220003	6.72	2 1-	2 ACSR 6/1	0	0	487	153	11	1	1	0.00	6.36	0
19290005	20220001	6.74	1 1-	2 ACSR 6/1	0	0	486	152	6	0	0	0.00	6.36	0
19290004	19290005	6.77	1 1-	2 ACSR 6/1	0	0	484	152	6	0	0	0.00	6.36	0
19290003	19290005	6.80	0 1-	2 ACSR 6/1	0	0	482	152	0	0	0	0.00	6.36	0
20220002	20320035	6.82	1 1-	2 ACSR 6/1	0	0	481	152	9	1	1	0.00	6.36	0
20320017	20320016	5.91	2 1-	2 ACSR 6/1	0	0	547	157	7	0	1	0.01	6.24	0
20320032	20320017	6.09	2 1-	2 ACSR 6/1	0	0	532	156	7	0	1	0.00	6.24	0
20320018	20320017	5.95	0 1-	2 ACSR 6/1	0	0	543	157	0	0	0	0.00	6.24	0
20320019	20852011	5.00	2 1-	2 ACSR 6/1	0	0	633	163	7	0	1	0.00	6.04	0
20530001	20852109	2.85	2 1-	2 ACSR 6/1	0	0	999	178	5	0	0	0.00	4.45	0
20850489	20850349	2.50	1 1-	2 ACSR 6/1	0	0	1099	180	10	1	1	0.00	4.13	0
20851746	20852039	2.54	346 3-	1/0 ACSR 6/1	1279	1202	1099	181	1429	60	26	0.25	2.53	296
20851747	20851746	2.60	345 3-	1/0 ACSR 6/1	1265	1187	1084	180	1426	60	26	0.05	2.58	62
20851748	20851747	2.72	345 3-	1/0 ACSR 6/1	1236	1158	1054	180	1425	60	26	0.11	2.68	131
20851750	20851748	2.81	7 1-	2 ACSR 6/1	0	0	1031	179	21	2	2	0.01	1.87	0
20852029	20851750	2.93	5 1-	2 ACSR 6/1	0	0	998	178	18	2	1	0.01	1.88	0
20852030	20852029	3.03	1 1-	2 ACSR 6/1	0	0	972	177	1	0	0	0.00	1.88	0
20851933	20852029	3.02	4 1-	2 ACSR 6/1	0	0	975	178	17	2	1	0.00	1.88	0
20851663	20851933	3.11	2 1-	2 ACSR 6/1	0	0	953	177	7	0	0	0.00	1.89	0
20851749	20851748	2.84	337 3-	1/0 ACSR 6/1	1210	1131	1028	179	1400	59	26	0.10	2.77	119
20851863	20851749	2.96	333 3-	1/0 ACSR 6/1	1184	1105	1001	179	1376	58	26	0.09	2.86	121
20851851	20851863	3.00	1 1-	2 ACSR 6/1	0	0	989	178	1	0	0	0.00	4.70	0
20851864	20851863	3.07	332 3-	1/0 ACSR 6/1	1159	1079	976	178	1375	58	26	0.09	2.96	120
20851854	20851864	3.26	331 3-	1/0 ACSR 6/1	1121	1041	938	177	1370	58	25	0.15	3.10	188
20851856	20851854	3.38	4 1-	2 ACSR 6/1	0	0	912	176	12	1	1	0.00	2.30	0
20851855	20851854	3.57	326 3-	1/0 ACSR 6/1	1065	985	883	175	1352	57	25	0.23	3.34	299

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851857	20851855	3.65	19 1-	2 ACSR 6/1	0	0	866	175	64	8	5	0.02	2.19	0
20851858	20851857	3.69	18 1-	2 ACSR 6/1	0	0	858	175	57	7	4	0.01	2.20	0
D20-62-P006	20851858	3.69	18 1-	REC-35-H	0	0	858	175	57	7	21	0.00	2.20	0
20851859	D20-62-P006	3.77	18 1-	2 ACSR 6/1	0	0	843	174	57	7	4	0.01	2.21	0
20852031	20851859	4.17	16 1-	2 ACSR 6/1	0	0	774	171	45	5	3	0.07	2.28	2
20852032	20852031	4.29	15 1-	2 ACSR 6/1	0	0	756	170	43	5	3	0.02	2.29	0
20520009	20852032	4.40	14 1-	2 ACSR 6/1	0	0	740	170	40	5	3	0.02	2.31	0
20520010	20520009	4.69	4 1-	2 ACSR 6/1	0	0	699	168	9	1	1	0.01	2.32	0
20520015	20520010	4.76	3 1-	2 ACSR 6/1	0	0	690	167	6	0	0	0.00	2.32	0
20520016	20520015	4.83	2 1-	2 ACSR 6/1	0	0	681	167	1	0	0	0.00	2.32	0
20520005	20520009	4.48	10 1-	2 ACSR 6/1	0	0	728	169	31	4	2	0.01	2.32	0
D20-52-P006	20520005	4.48	5 1-	FUS-15	0	0	728	169	14	1	13	0.00	2.32	0
20520008	D20-52-P006	4.54	5 1-	2 ACSR 6/1	0	0	719	169	14	1	1	0.00	2.32	0
19590002	20520008	4.82	4 1-	2 ACSR 6/1	0	0	683	167	10	1	1	0.01	2.33	0
19590006	19590002	5.47	4 1-	2 ACSR 6/1	0	0	609	162	10	1	1	0.02	2.36	0
19690016	19590006	5.58	2 1-	2 ACSR 6/1	0	0	599	162	4	0	0	0.00	2.36	0
19690013	19590006	5.56	1 1-	2 ACSR 6/1	0	0	600	162	3	0	0	0.00	2.36	0
19690014	19690013	5.60	0 1-	2 ACSR 6/1	0	0	596	162	0	0	0	0.00	2.36	0
19590001	20520008	4.62	1 1-	2 ACSR 6/1	0	0	708	168	4	0	0	0.00	2.32	0
20520006	20520005	4.86	5 1-	2 ACSR 6/1	0	0	677	166	18	2	1	0.03	2.35	0
20520011	20520006	4.94	2 1-	2 ACSR 6/1	0	0	668	166	5	0	0	0.00	2.35	0
20520012	20520011	5.36	2 1-	2 ACSR 6/1	0	0	620	163	5	0	0	0.01	2.35	0
20851935	20520012	5.49	1 1-	2 ACSR 6/1	0	0	607	162	3	0	0	0.00	2.36	0
20420027	20851935	5.70	1 1-	2 ACSR 6/1	0	0	587	161	3	0	0	0.00	2.36	0
20852203	20851935	5.60	0 1-	2 ACSR 6/1	0	0	596	162	0	0	0	0.00	2.36	0
20520007	20520006	5.06	3 1-	2 ACSR 6/1	0	0	653	165	13	1	1	0.01	2.36	0
19590004	20520007	5.18	2 1-	2 ACSR 6/1	0	0	640	164	10	1	1	0.00	2.36	0
19590005	19590004	5.23	2 1-	2 ACSR 6/1	0	0	635	164	10	1	1	0.00	2.36	0
19590003	20520007	5.16	1 1-	2 ACSR 6/1	0	0	642	164	2	0	0	0.00	2.36	0
20620008	20851855	3.64	307 3-	1/0 ACSR 6/1	1053	972	871	175	1285	55	24	0.05	3.39	66
20852033	20620008	3.70	1 1-	2 ACSR 6/1	0	0	860	175	3	0	0	0.00	2.58	0
20620009	20620008	3.72	306 3-	1/0 ACSR 6/1	1039	959	858	175	1281	55	24	0.06	3.45	73
20620010	20620009	3.90	305 3-	1/0 ACSR 6/1	1010	930	829	174	1274	54	24	0.13	3.58	164
19690009	20620010	3.98	304 3-	1/0 ACSR 6/1	998	918	818	173	1265	54	24	0.05	3.63	67
D19-69-P014	19690009	3.98	3 1-	FUS	0	0	818	173	7	0	21	0.00	2.82	0
19690010	D19-69-P014	4.02	3 1-	2 ACSR 6/1	0	0	811	173	7	0	1	0.00	2.82	0
19690011	19690010	4.09	2 1-	2 ACSR 6/1	0	0	799	173	6	0	0	0.00	2.82	0
19690007	19690011	4.38	1 1-	2 ACSR 6/1	0	0	752	171	0	0	0	0.00	2.82	0
19690006	19690009	4.09	301 3-	1/0 ACSR 6/1	981	902	803	173	1257	54	24	0.08	3.71	96
19690012	19690006	4.24	301 3-	1/0 ACSR 6/1	959	880	781	172	1256	54	24	0.11	3.81	136
D19-69-P011	19690012	4.24	300 3-	REC-70-4H	959	880	781	172	1249	53	77	0.00	3.81	0
19690005	D19-69-P011	4.35	300 3-	1/0 ACSR 6/1	943	864	767	172	1249	53	23	0.08	3.89	99
19790024	19690005	4.45	1 1-	2 ACSR 6/1	0	0	752	171	4	0	0	0.00	2.45	0
19790016	19690005	4.47	298 3-	1/0 ACSR 6/1	927	848	752	171	1232	53	23	0.08	3.97	100
C19-79-P31	19790016	4.47	0 3-	Capacitor	927	848	752	171	0	-13	0	0.00	3.97	0
19790019	19790016	4.56	298 3-	1/0 ACSR 6/1	915	837	741	170	1231	53	23	0.08	4.05	77
19790020	19790019	4.65	297 3-	1/0 ACSR 6/1	904	826	730	170	1226	53	23	0.08	4.13	78
19790021	19790020	5.02	224 3-	1/0 ACSR 6/1	858	782	689	168	982	43	19	0.08	4.38	227
19790032	19790021	5.31	223 3-	1/0 ACSR 6/1	826	751	660	167	978	43	19	0.06	4.58	177
19780038	19790032	5.46	222 3-	1/0 ACSR 6/1	811	736	647	166	976	42	19	0.03	4.68	88
19780020	19780038	5.67	221 3-	1/0 ACSR 6/1	789	715	627	165	975	42	19	0.05	4.83	131
19780024	19780020	5.91	220 3-	1/0 ACSR 6/1	767	694	608	164	973	42	19	0.05	4.99	143

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
19780025	19780024	5.97	1 1-	2 ACSR 6/1	0	0	602	164	3	0	0	0.00	7.82	0
19780012	19780024	6.24	219 3-	1/0 ACSR 6/1	737	665	581	163	969	42	19	0.07	5.22	203
19780026	19780012	6.32	1 1-	2 ACSR 6/1	0	0	575	162	3	0	0	0.00	3.84	0
19780015	19780012	6.46	24 1-	2 ACSR 6/1	0	0	563	161	90	11	7	0.07	3.91	5
D19-78-P006	19780015	6.46	24 1-	REC-35-H	0	0	563	161	90	11	34	0.00	3.91	0
19780033	D19-78-P006	6.53	24 1-	2 ACSR 6/1	0	0	557	161	90	11	7	0.03	3.93	2
19780034	19780033	6.59	2 1-	2 ACSR 6/1	0	0	551	160	8	1	1	0.00	3.94	0
19770016	19780034	6.68	1 1-	2 ACSR 6/1	0	0	544	160	8	1	1	0.00	3.94	0
19770015	19780034	6.64	1 1-	2 ACSR 6/1	0	0	547	160	1	0	0	0.00	3.94	0
19780021	19780033	6.62	22 1-	2 ACSR 6/1	0	0	550	160	82	10	6	0.03	3.96	2
19770017	19780021	6.70	3 1-	2 ACSR 6/1	0	0	543	160	9	1	1	0.00	3.96	0
19770018	19770017	6.96	3 1-	2 ACSR 6/1	0	0	523	158	9	1	1	0.01	3.97	0
19770020	19770018	7.00	2 1-	2 ACSR 6/1	0	0	520	158	7	0	1	0.00	3.97	0
19770019	19770018	7.05	1 1-	2 ACSR 6/1	0	0	516	158	2	0	0	0.00	3.97	0
19770013	19780021	6.73	17 1-	2 ACSR 6/1	0	0	541	160	60	7	4	0.02	3.98	1
19770014	19770013	6.83	16 1-	2 ACSR 6/1	0	0	532	159	58	7	4	0.02	4.01	0
19670003	19770014	6.86	12 1-	2 ACSR 6/1	0	0	530	159	40	5	3	0.00	4.01	0
19670001	19670003	7.01	10 1-	2 ACSR 6/1	0	0	519	158	33	4	2	0.02	4.03	0
19680009	19670001	7.06	9 1-	2 ACSR 6/1	0	0	516	157	31	4	2	0.01	4.03	0
19680003	19680009	7.11	1 1-	2 ACSR 6/1	0	0	512	157	6	0	0	0.00	4.04	0
19680002	19680009	7.17	8 1-	2 ACSR 6/1	0	0	508	157	25	3	2	0.01	4.04	0
19680006	19680002	7.37	7 1-	2 ACSR 6/1	0	0	494	156	16	2	1	0.01	4.06	0
19680007	19680006	7.42	2 1-	2 ACSR 6/1	0	0	491	155	2	0	0	0.00	4.06	0
19680008	19680007	7.48	1 1-	2 ACSR 6/1	0	0	487	155	1	0	0	0.00	4.06	0
19680014	19680006	7.41	4 1-	2 ACSR 6/1	0	0	492	155	9	1	1	0.00	4.06	0
19680015	19680014	7.64	2 1-	2 ACSR 6/1	0	0	477	154	1	0	0	0.00	4.06	0
19680018	19680015	7.72	1 1-	2 ACSR 6/1	0	0	472	154	1	0	0	0.00	4.06	0
19680017	19680018	7.77	1 1-	2 ACSR 6/1	0	0	469	153	1	0	0	0.00	4.06	0
19680016	19680018	7.75	0 1-	2 ACSR 6/1	0	0	470	153	0	0	0	0.00	4.06	0
19680004	19680002	7.25	1 1-	2 ACSR 6/1	0	0	502	156	10	1	1	0.00	4.05	0
19680005	19680004	7.30	0 1-	2 ACSR 6/1	0	0	499	156	0	0	0	0.00	4.05	0
19670002	19770014	6.94	3 1-	2 ACSR 6/1	0	0	524	158	15	1	1	0.00	4.01	0
19770012	19780021	6.67	2 1-	2 ACSR 6/1	0	0	545	160	13	1	1	0.00	3.96	0
19780013	19780012	6.38	194 3-	1/0 ACSR 6/1	725	654	571	162	874	38	17	0.02	5.31	73
19780029	19780013	6.49	191 3-	1/0 ACSR 6/1	717	646	564	161	862	38	17	0.01	5.37	55
19780030	19780029	6.58	190 3-	1/0 ACSR 6/1	709	640	558	161	856	38	17	0.01	5.42	47
D19-78-P013	19780030	6.58	51 1-	REC-35-H	0	0	558	161	238	32	92	0.00	8.55	0
19780017	D19-78-P013	6.67	51 1-	2 ACSR 6/1	0	0	550	160	238	32	18	0.09	8.64	18
19780031	19780017	6.81	3 1-	2 ACSR 6/1	0	0	539	160	6	0	0	0.00	8.65	0
19780032	19780031	6.85	2 1-	2 ACSR 6/1	0	0	536	159	4	0	0	0.00	8.65	0
19780016	19780017	6.72	48 1-	2 ACSR 6/1	0	0	546	160	232	31	18	0.04	8.69	8
19780035	19780016	6.87	2 1-	2 ACSR 6/1	0	0	534	159	10	1	1	0.00	8.69	0
19780036	19780016	6.91	46 1-	2 ACSR 6/1	0	0	531	159	222	30	17	0.16	8.85	30
19880009	19780036	6.97	45 1-	2 ACSR 6/1	0	0	527	159	219	29	17	0.05	8.90	10
19880016	19880009	7.05	44 1-	2 ACSR 6/1	0	0	521	158	218	29	16	0.07	8.97	12
19880014	19880016	7.18	43 1-	2 ACSR 6/1	0	0	511	157	209	28	16	0.11	9.08	19
19880015	19880014	7.93	43 1-	2 ACSR 6/1	0	0	463	153	209	28	16	0.62	9.70	108
20850882	19880015	8.05	3 1-	2 ACSR 6/1	0	0	456	152	13	1	1	0.01	9.71	0
20850881	20850882	8.12	1 1-	2 ACSR 6/1	0	0	452	152	2	0	0	0.00	9.71	0
20850880	20850882	8.10	1 1-	2 ACSR 6/1	0	0	453	152	7	0	1	0.00	9.71	0
19980004	19880015	8.01	40 1-	2 ACSR 6/1	0	0	459	152	195	26	15	0.06	9.76	10
20850876	19980004	8.12	40 1-	2 ACSR 6/1	0	0	452	152	194	26	15	0.09	9.85	14

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850878	20850876	8.17	1 1-	2 ACSR 6/1	0	0	449	151	6	0	0	0.00	9.85	0
20850877	20850876	8.22	38 1-	2 ACSR 6/1	0	0	447	151	181	24	14	0.07	9.92	10
20850879	20850877	8.28	0 1-	2 ACSR 6/1	0	0	443	151	0	0	0	0.00	9.92	0
19980003	20850877	8.46	38 1-	2 ACSR 6/1	0	0	434	150	181	24	14	0.17	10.09	26
25080024	19980003	8.52	1 1-	1/0 ACSR 6/1	0	0	432	150	2	0	0	0.00	10.09	0
D25-08-P045	25080024	8.52	1 1-	FUS-20	0	0	432	150	2	0	2	0.00	10.09	0
25080025	D25-08-P045	9.15	1 1-	1/0 ACSR 6/1	0	0	407	147	2	0	0	0.00	10.09	0
25080008	19980003	8.52	1 1-	2 ACSR 6/1	0	0	431	150	7	0	1	0.00	10.09	0
25080009	19980003	8.59	36 1-	2 ACSR 6/1	0	0	427	149	171	23	13	0.09	10.18	13
25080010	25080009	8.67	17 1-	2 ACSR 6/1	0	0	423	149	84	11	6	0.02	10.21	2
25080011	25080010	9.15	14 1-	2 ACSR 6/1	0	0	401	146	70	9	5	0.13	10.34	8
25080005	25080011	9.28	12 1-	2 ACSR 6/1	0	0	395	145	52	7	4	0.03	10.37	1
25180002	25080005	9.31	7 1-	2 ACSR 6/1	0	0	394	145	38	5	3	0.00	10.37	0
25180003	25180002	9.34	6 1-	2 ACSR 6/1	0	0	393	145	36	4	3	0.00	10.38	0
25180004	25180003	9.37	2 1-	2 ACSR 6/1	0	0	391	145	12	1	1	0.00	10.38	0
25180005	25180004	9.41	1 1-	2 ACSR 6/1	0	0	390	145	7	0	1	0.00	10.38	0
25180010	25180005	9.48	0 1-	2 ACSR 6/1	0	0	387	144	0	0	0	0.00	10.38	0
25180011	25180003	9.39	4 1-	2 ACSR 6/1	0	0	391	145	23	3	2	0.00	10.38	0
25180012	25180011	9.45	3 1-	2 ACSR 6/1	0	0	388	144	18	2	1	0.00	10.38	0
25080019	25180012	9.51	2 1-	2 ACSR 6/1	0	0	386	144	14	1	1	0.00	10.38	0
25180001	25080005	9.36	4 1-	2 ACSR 6/1	0	0	392	145	12	1	1	0.00	10.37	0
25180006	25180001	9.41	3 1-	2 ACSR 6/1	0	0	390	145	6	0	0	0.00	10.37	0
25180008	25180006	9.53	1 1-	2 ACSR 6/1	0	0	385	144	0	0	0	0.00	10.37	0
25180007	25180006	9.48	1 1-	2 ACSR 6/1	0	0	387	144	3	0	0	0.00	10.37	0
25180009	25180006	9.45	1 1-	2 ACSR 6/1	0	0	388	144	3	0	0	0.00	10.37	0
25080006	25080011	9.26	2 1-	2 ACSR 6/1	0	0	396	145	19	2	1	0.01	10.35	0
25080012	25080006	9.31	1 1-	2 ACSR 6/1	0	0	394	145	4	0	0	0.00	10.35	0
25080007	25080006	9.31	1 1-	2 ACSR 6/1	0	0	394	145	15	2	1	0.00	10.35	0
25080013	25080009	8.64	18 1-	2 ACSR 6/1	0	0	425	149	80	11	6	0.02	10.20	0
25080014	25080013	8.71	18 1-	2 ACSR 6/1	0	0	421	148	80	11	6	0.02	10.22	2
25080015	25080014	8.75	17 1-	2 ACSR 6/1	0	0	419	148	79	10	6	0.01	10.23	0
25080017	25080015	8.83	15 1-	2 ACSR 6/1	0	0	416	148	71	9	5	0.02	10.25	0
25080018	25080017	8.94	13 1-	2 ACSR 6/1	0	0	411	147	52	7	4	0.02	10.27	0
25080022	25080018	9.08	4 1-	2 ACSR 6/1	0	0	404	146	17	2	1	0.01	10.28	0
25090001	25080022	9.18	2 1-	2 ACSR 6/1	0	0	400	146	9	1	1	0.00	10.28	0
25090003	25090001	9.26	1 1-	2 ACSR 6/1	0	0	396	145	4	0	0	0.00	10.28	0
25090002	25090001	9.25	1 1-	2 ACSR 6/1	0	0	397	146	6	0	0	0.00	10.28	0
25080021	25080018	9.12	2 1-	2 ACSR 6/1	0	0	402	146	12	1	1	0.01	10.28	0
25090004	25080021	9.15	1 1-	2 ACSR 6/1	0	0	401	146	5	0	0	0.00	10.28	0
25080020	25080018	9.03	3 1-	2 ACSR 6/1	0	0	406	147	8	1	1	0.00	10.27	0
25080004	25080020	9.11	1 1-	2 ACSR 6/1	0	0	403	146	3	0	0	0.00	10.27	0
25080023	25080018	9.23	1 1-	2 ACSR 6/1	0	0	397	146	10	1	1	0.01	10.28	0
25080016	25080015	8.80	1 1-	2 ACSR 6/1	0	0	417	148	4	0	0	0.00	10.23	0
20850461	19980004	8.09	0 1-	2 ACSR 6/1	0	0	454	152	0	0	0	0.00	9.76	0
19880017	19880016	7.08	1 1-	2 ACSR 6/1	0	0	518	158	9	1	1	0.00	8.97	0
19780018	19780030	6.68	139 3-	1/0 ACSR 6/1	701	632	551	161	617	27	12	0.04	5.47	22
D19-78-P014	19780018	6.68	139 3-	REC-50-H	701	632	551	161	617	27	55	0.00	5.47	0
19780019	D19-78-P014	6.90	139 3-	1/0 ACSR 6/1	684	616	536	160	617	27	12	0.09	5.56	47
19770021	19780019	6.96	136 3-	1/0 ACSR 6/1	680	612	532	159	604	26	12	0.02	5.59	12
19770031	19770021	7.02	135 3-	1/0 ACSR 6/1	676	608	529	159	602	26	12	0.02	5.61	12
19770032	19770031	7.07	1 1-	2 ACSR 6/1	0	0	525	159	18	2	1	0.00	3.87	0
19770010	19770031	7.11	134 3-	1/0 ACSR 6/1	670	602	524	159	585	25	11	0.03	5.65	16

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
19770034	19770010	7.23	133 3-	1/0 ACSR 6/1	661	594	516	158	576	25	11	0.04	5.70	24
19770035	19770034	7.31	9 1-	2 ACSR 6/1	0	0	511	158	41	5	3	0.01	8.90	0
19770030	19770035	7.38	1 1-	2 ACSR 6/1	0	0	506	157	10	1	1	0.00	8.90	0
19770009	19770035	7.41	8 1-	2 ACSR 6/1	0	0	504	157	31	4	2	0.01	8.91	0
19770036	19770009	7.50	6 1-	2 ACSR 6/1	0	0	497	156	23	3	2	0.01	8.92	0
19770022	19770036	7.58	4 1-	2 ACSR 6/1	0	0	492	156	13	1	1	0.00	8.92	0
19770023	19770022	7.62	2 1-	2 ACSR 6/1	0	0	489	156	6	0	0	0.00	8.92	0
19770024	19770023	7.77	1 1-	2 ACSR 6/1	0	0	480	155	2	0	0	0.00	8.92	0
19770025	19770009	7.49	2 1-	2 ACSR 6/1	0	0	498	157	8	1	1	0.00	8.91	0
19770026	19770025	7.62	2 1-	2 ACSR 6/1	0	0	490	156	8	1	1	0.00	8.91	0
19770027	19770026	7.68	2 1-	2 ACSR 6/1	0	0	486	155	8	1	1	0.00	8.92	0
19770028	19770027	7.80	1 1-	2 ACSR 6/1	0	0	478	155	5	0	0	0.00	8.92	0
19770029	19770028	7.92	1 1-	2 ACSR 6/1	0	0	471	154	5	0	0	0.00	8.92	0
19770008	19770028	7.91	0 1-	2 ACSR 6/1	0	0	472	154	0	0	0	0.00	8.92	0
19770011	19770034	7.47	124 3-	1/0 ACSR 6/1	645	578	502	157	535	23	10	0.08	5.79	38
19870015	19770011	7.64	2 1-	2 ACSR 6/1	0	0	491	156	10	1	1	0.01	4.38	0
19870016	19870015	7.68	1 1-	2 ACSR 6/1	0	0	488	156	8	1	1	0.00	4.38	0
19870014	19770011	7.53	1 1-	2 ACSR 6/1	0	0	498	157	9	1	1	0.00	8.98	0
19870017	19770011	8.06	121 3-	1/0 ACSR 6/1	608	544	472	155	516	22	10	0.21	6.00	87
19870018	19870017	8.24	120 3-	1/0 ACSR 6/1	598	535	463	154	511	22	10	0.06	6.07	26
19870019	19870018	8.29	120 3-	1/0 ACSR 6/1	595	532	460	154	511	22	10	0.02	6.09	8
19870021	19870019	8.33	117 3-	1/0 ACSR 6/1	592	530	459	153	501	22	10	0.01	6.10	5
19870022	19870021	8.50	117 3-	1/0 ACSR 6/1	583	521	451	153	501	22	10	0.06	6.16	23
19870023	19870022	8.53	116 3-	1/0 ACSR 6/1	581	520	449	153	499	22	10	0.01	6.17	5
19870013	19870023	8.65	116 3-	1/0 ACSR 6/1	575	514	444	152	499	22	10	0.04	6.21	16
20850450	19870013	8.77	116 3-	1/0 ACSR 6/1	569	508	439	152	498	22	10	0.05	6.26	17
20850451	20850450	8.88	114 3-	1/0 ACSR 6/1	563	503	434	151	492	21	10	0.04	6.29	15
20850452	20850451	8.97	114 3-	1/0 ACSR 6/1	559	499	431	151	492	21	10	0.03	6.32	12
20850453	20850452	9.03	110 3-	1/0 ACSR 6/1	556	496	428	151	484	21	9	0.02	6.35	9
20850457	20850453	9.21	5 1-	2 ACSR 6/1	0	0	419	150	19	2	1	0.01	9.56	0
19970003	20850457	9.30	1 1-	2 ACSR 6/1	0	0	415	149	8	1	1	0.00	9.56	0
20850459	20850457	9.27	2 1-	2 ACSR 6/1	0	0	417	149	7	0	0	0.00	9.56	0
20850458	20850457	9.36	2 1-	2 ACSR 6/1	0	0	412	149	5	0	0	0.00	9.56	0
20850455	20850453	9.33	5 1-	2 ACSR 6/1	0	0	414	149	24	3	2	0.03	4.61	0
20850456	20850455	9.40	4 1-	2 ACSR 6/1	0	0	410	148	22	2	2	0.01	4.62	0
19970004	20850456	9.57	3 1-	2 ACSR 6/1	0	0	403	148	19	2	1	0.01	4.63	0
20850460	19970004	9.64	0 1-	2 ACSR 6/1	0	0	400	147	0	0	0	0.00	4.63	0
19860003	19970004	9.73	2 1-	2 ACSR 6/1	0	0	396	147	16	2	1	0.01	4.64	0
19860004	19860003	9.85	1 1-	2 ACSR 6/1	0	0	391	146	7	0	0	0.00	4.64	0
20850454	20850453	9.17	99 3-	1/0 ACSR 6/1	549	490	423	150	436	19	8	0.04	6.39	15
D19-97-P011	20850454	9.17	3 1-	SEC-35-GH	0	0	423	150	14	1	0	0.00	4.63	0
19970002	D19-97-P011	9.67	3 1-	2 ACSR 6/1	0	0	400	147	14	1	1	0.02	4.65	0
25070003	19970002	9.91	2 1-	2 ACSR 6/1	0	0	389	146	12	1	1	0.01	4.67	0
25170008	25070003	9.98	1 1-	2 ACSR 6/1	0	0	386	146	8	1	1	0.00	4.67	0
25170009	25170008	10.55	1 1-	2 ACSR 6/1	0	0	365	143	8	1	1	0.01	4.68	0
25170007	25070003	10.19	1 1-	2 ACSR 6/1	0	0	378	144	4	0	0	0.00	4.67	0
19970001	20850454	9.47	96 3-	1/0 ACSR 6/1	535	476	411	149	422	18	8	0.09	6.48	30
25070001	19970001	9.56	95 3-	1/0 ACSR 6/1	531	473	408	148	415	18	8	0.02	6.50	8
25070002	25070001	9.62	94 3-	1/0 ACSR 6/1	528	470	405	148	412	18	8	0.02	6.52	6
D25-06-P017	25070002	9.62	94 3-	REC-25-H	528	470	405	148	412	18	66	0.00	6.52	0
25060011	D25-06-P017	9.68	94 3-	1/0 ACSR 6/1	525	468	403	148	412	18	8	0.02	6.54	6
25060010	25060011	10.03	83 3-	1/0 ACSR 6/1	510	454	391	147	379	16	7	0.11	6.63	29

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
25060012	25060010	10.14	7 1-	2 ACSR 6/1	0	0	387	146	38	5	3	0.01	4.90	0
25060004	25060012	10.26	4 1-	2 ACSR 6/1	0	0	382	145	21	2	2	0.01	4.91	0
25060006	25060004	10.35	2 1-	2 ACSR 6/1	0	0	378	145	10	1	1	0.00	4.91	0
25060007	25060006	10.43	1 1-	2 ACSR 6/1	0	0	375	144	3	0	0	0.00	4.91	0
25060008	25060007	10.62	0 1-	2 ACSR 6/1	0	0	368	143	0	0	0	0.00	4.91	0
25060005	25060004	10.30	1 1-	2 ACSR 6/1	0	0	380	145	5	0	0	0.00	4.91	0
25060003	25060012	10.24	2 1-	2 ACSR 6/1	0	0	383	145	9	1	1	0.00	4.90	0
25060013	25060010	10.62	76 3-	1/0 ACSR 6/1	487	433	372	144	340	15	7	0.13	6.77	39
25160039	25060013	10.68	74 3-	1/0 ACSR 6/1	485	431	370	144	331	14	6	0.01	6.79	4
25160016	25160039	10.75	65 3-	1/0 ACSR 6/1	482	428	368	144	305	13	6	0.01	6.80	4
25160017	25160016	10.84	63 3-	1/0 ACSR 6/1	479	425	366	144	295	13	6	0.02	6.82	4
25160018	25160017	10.86	2 1-	2 ACSR 6/1	0	0	365	143	4	0	0	0.00	9.93	0
25160012	25160017	10.90	61 3-	1/0 ACSR 6/1	477	423	364	143	291	12	6	0.01	6.83	3
25160013	25160012	10.96	11 1-	2 ACSR 6/1	0	0	361	143	68	8	5	0.02	5.50	0
25160034	25160013	11.01	10 1-	2 ACSR 6/1	0	0	360	143	59	7	4	0.01	5.51	0
25160033	25160034	11.04	5 1-	2 ACSR 6/1	0	0	359	143	26	3	2	0.00	5.51	0
25160032	25160033	11.07	5 1-	2 ACSR 6/1	0	0	358	142	26	3	2	0.00	5.52	0
25160031	25160032	11.13	4 1-	2 ACSR 6/1	0	0	356	142	21	2	2	0.00	5.52	0
25160030	25160031	11.16	2 1-	2 ACSR 6/1	0	0	354	142	12	1	1	0.00	5.52	0
25160035	25160034	11.06	4 1-	2 ACSR 6/1	0	0	358	142	25	3	2	0.00	5.51	0
25160036	25160035	11.08	2 1-	2 ACSR 6/1	0	0	357	142	14	1	1	0.00	5.52	0
25160038	25160013	11.01	1 1-	2 ACSR 6/1	0	0	360	143	9	1	1	0.00	5.50	0
25160037	25160013	10.99	0 1-	2 ACSR 6/1	0	0	360	143	0	0	0	0.00	5.50	0
25160011	25160012	10.97	50 3-	1/0 ACSR 6/1	474	421	362	143	223	9	4	0.01	6.84	2
25160020	25160011	11.03	47 3-	1/0 ACSR 6/1	472	419	360	143	212	9	4	0.01	6.85	2
25160022	25160020	11.10	2 1-	2 ACSR 6/1	0	0	358	142	7	1	1	0.00	9.98	0
25160021	25160020	11.10	45 3-	1/0 ACSR 6/1	469	416	358	142	204	9	4	0.01	6.86	2
25160042	25160021	11.25	42 3-	1/0 ACSR 6/1	464	412	354	142	196	8	4	0.02	6.88	4
25150038	25160042	11.33	40 3-	1/0 ACSR 6/1	462	409	351	142	188	8	4	0.01	6.89	2
25150030	25150038	11.40	38 3-	1/0 ACSR 6/1	459	407	349	141	179	8	3	0.01	6.90	2
25150031	25150030	11.55	1 1-	2 ACSR 6/1	0	0	345	141	4	0	0	0.00	10.06	0
25150019	25150030	11.68	37 3-	1/0 ACSR 6/1	450	399	342	140	175	7	3	0.05	6.94	6
25150037	25150019	11.73	23 3-	1/0 ACSR 6/1	448	397	341	140	106	4	2	0.01	6.94	0
25150028	25150037	11.82	17 1-	2 ACSR 6/1	0	0	338	140	87	11	6	0.03	5.24	2
25150029	25150028	11.88	16 1-	2 ACSR 6/1	0	0	336	139	81	10	6	0.02	5.25	0
25150041	25150029	11.99	2 1-	2 ACSR 6/1	0	0	333	139	13	1	1	0.00	5.25	0
25150042	25150041	12.02	0 1-	2 ACSR 6/1	0	0	332	139	0	0	0	0.00	5.25	0
25150027	25150029	11.96	12 1-	2 ACSR 6/1	0	0	334	139	56	7	4	0.02	5.27	0
25150026	25150027	12.01	11 1-	2 ACSR 6/1	0	0	332	139	50	6	4	0.01	5.28	0
25150025	25150026	12.07	3 1-	2 ACSR 6/1	0	0	330	138	8	1	1	0.00	5.28	0
25150043	25150025	12.10	2 1-	1/0 ACSR 6/1	0	0	330	138	0	0	0	0.00	5.28	0
25150044	25150043	12.14	1 1-	1/0 ACSR 6/1	0	0	329	138	0	0	0	0.00	5.28	0
25150023	25150026	12.05	7 1-	2 ACSR 6/1	0	0	331	139	36	4	3	0.00	5.28	0
25150024	25150023	12.12	4 1-	2 ACSR 6/1	0	0	329	138	23	2	2	0.00	5.29	0
25150022	25150024	12.17	2 1-	2 ACSR 6/1	0	0	327	138	9	1	1	0.00	5.29	0
25150021	25150037	11.82	2 1-	2 ACSR 6/1	0	0	338	140	10	1	1	0.00	5.50	0
25150036	25150037	11.79	2 1-	2 ACSR 6/1	0	0	339	140	6	0	0	0.00	5.50	0
25150034	25150019	11.71	14 1-	2 ACSR 6/1	0	0	341	140	69	9	5	0.01	10.13	0
25150035	25150034	11.76	11 1-	2 ACSR 6/1	0	0	340	140	55	7	4	0.01	10.14	0
25150033	25150035	11.86	9 1-	2 ACSR 6/1	0	0	337	139	44	6	3	0.02	10.15	0
25150032	25150033	11.90	2 1-	2 ACSR 6/1	0	0	335	139	10	1	1	0.00	10.15	0
25150020	25150033	12.07	7 1-	2 ACSR 6/1	0	0	330	138	34	4	3	0.03	10.18	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
25250003	25150020	12.20	6 1-	2 ACSR 6/1	0	0	326	138	29	3	2	0.01	10.20	0
25250004	25250003	12.23	3 1-	2 ACSR 6/1	0	0	325	138	15	2	1	0.00	10.20	0
25250005	25250004	12.28	2 1-	2 ACSR 6/1	0	0	324	137	9	1	1	0.00	10.20	0
25250002	25250003	12.36	2 1-	2 ACSR 6/1	0	0	322	137	6	0	0	0.00	10.20	0
25250001	25150020	12.15	1 1-	2 ACSR 6/1	0	0	328	138	5	0	0	0.00	10.18	0
25160041	25160021	11.13	2 1-	2 ACSR 6/1	0	0	357	142	3	0	0	0.00	10.00	0
25160023	25160021	11.16	1 1-	2 ACSR 6/1	0	0	356	142	5	0	0	0.00	10.00	0
25160019	25160011	11.03	2 1-	2 ACSR 6/1	0	0	359	143	8	1	1	0.00	9.97	0
25160014	25160039	10.75	3 1-	2 ACSR 6/1	0	0	368	144	11	1	1	0.00	5.43	0
25160015	25160014	10.79	3 1-	2 ACSR 6/1	0	0	366	143	11	1	1	0.00	5.43	0
25160040	25160039	10.74	2 1-	2 ACSR 6/1	0	0	368	144	8	1	1	0.00	5.03	0
25060009	25060011	10.10	10 1-	2 ACSR 6/1	0	0	386	146	32	4	2	0.05	9.78	1
25170006	25060009	10.18	10 1-	2 ACSR 6/1	0	0	382	145	32	4	2	0.01	9.79	0
25170011	25170006	10.29	10 1-	2 ACSR 6/1	0	0	378	145	32	4	2	0.01	9.80	0
25160027	25170011	10.38	8 1-	2 ACSR 6/1	0	0	375	144	27	3	2	0.01	9.81	0
25160028	25160027	10.47	8 1-	2 ACSR 6/1	0	0	371	144	27	3	2	0.01	9.82	0
25160024	25160028	10.52	7 1-	2 ACSR 6/1	0	0	369	143	24	3	2	0.00	9.82	0
25160025	25160024	10.71	6 1-	2 ACSR 6/1	0	0	362	142	21	2	2	0.02	9.84	0
25160010	25160025	10.90	5 1-	2 ACSR 6/1	0	0	356	142	19	2	1	0.01	9.85	0
25160043	25160010	10.99	4 1-	2 ACSR 6/1	0	0	352	141	13	1	1	0.00	9.86	0
25260005	25160043	11.06	1 1-	2 ACSR 6/1	0	0	350	141	0	0	0	0.00	9.86	0
25260004	25160043	11.08	2 1-	2 ACSR 6/1	0	0	349	141	11	1	1	0.00	9.86	0
25260011	25260004	11.18	0 1-	2 ACSR 6/1	0	0	346	140	0	0	0	0.00	9.86	0
25260009	25260004	11.17	2 1-	2 ACSR 6/1	0	0	347	140	11	1	1	0.00	9.86	0
25260010	25260009	11.46	1 1-	2 ACSR 6/1	0	0	337	139	9	1	1	0.00	9.87	0
25160029	25160010	10.97	1 1-	2 ACSR 6/1	0	0	353	141	6	0	0	0.00	9.85	0
25160026	25160025	10.81	1 1-	2 ACSR 6/1	0	0	359	142	2	0	0	0.00	9.84	0
25170010	25170006	10.35	0 1-	2 ACSR 6/1	0	0	376	144	0	0	0	0.00	9.79	0
25170005	25060009	10.21	0 1-	2 ACSR 6/1	0	0	381	145	0	0	0	0.00	9.78	0
19870024	19870023	8.60	0 1-	2 ACSR 6/1	0	0	446	152	0	0	0	0.00	4.40	0
19870020	19870019	8.33	3 1-	2 ACSR 6/1	0	0	458	153	10	1	1	0.00	9.28	0
19770033	19770010	7.15	1 1-	2 ACSR 6/1	0	0	520	158	8	1	1	0.00	3.90	0
19780014	19780013	6.49	3 1-	2 ACSR 6/1	0	0	562	161	11	1	1	0.00	3.68	0
19780028	19780014	6.55	1 1-	2 ACSR 6/1	0	0	557	161	3	0	0	0.00	3.68	0
19780027	19780014	6.68	2 1-	2 ACSR 6/1	0	0	546	160	8	1	1	0.00	3.68	0
19790015	19790020	4.81	73 1-	2 ACSR 6/1	0	0	709	169	244	31	18	0.14	3.46	28
D19-79-P010	19790015	4.81	73 1-	REC-50-H	0	0	709	169	243	31	63	0.00	3.46	0
19790022	D19-79-P010	4.89	73 1-	2 ACSR 6/1	0	0	698	168	243	31	18	0.07	3.53	14
19790023	19790022	4.97	72 1-	2 ACSR 6/1	0	0	688	168	241	31	17	0.07	3.61	14
19790030	19790023	5.05	72 1-	2 ACSR 6/1	0	0	678	167	241	31	17	0.07	3.68	13
19790026	19790030	5.11	70 1-	2 ACSR 6/1	0	0	670	167	238	31	17	0.06	3.74	11
19790028	19790026	5.16	67 1-	2 ACSR 6/1	0	0	665	167	234	30	17	0.04	3.78	7
19790029	19790028	5.32	66 1-	2 ACSR 6/1	0	0	647	166	231	30	17	0.14	3.92	26
19790017	19790029	5.62	66 1-	2 ACSR 6/1	0	0	614	164	231	30	17	0.27	4.19	49
20850140	19790017	5.77	65 1-	2 ACSR 6/1	0	0	599	163	228	29	17	0.13	4.31	23
20850141	20850140	5.86	64 1-	2 ACSR 6/1	0	0	590	162	226	29	16	0.08	4.39	14
19890047	20850141	6.17	62 1-	2 ACSR 6/1	0	0	562	160	222	29	16	0.26	4.65	47
19890071	19890047	6.26	1 1-	2 ACSR 6/1	0	0	555	160	3	0	0	0.00	4.65	0
20850007	19890047	6.24	2 1-	2 ACSR 6/1	0	0	556	160	10	1	1	0.00	4.65	0
19890035	20850007	6.33	1 1-	2 ACSR 6/1	0	0	549	159	6	0	0	0.00	4.65	0
19890028	19890047	6.34	59 1-	2 ACSR 6/1	0	0	548	159	208	27	15	0.14	4.79	23
19890037	19890028	6.48	59 1-	2 ACSR 6/1	0	0	537	158	208	27	15	0.11	4.89	18

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
19890060	19890037	6.50	3 1-	2 ACSR 6/1	0	0	535	158	14	1	1	0.00	4.90	0
19890061	19890060	6.56	2 1-	2 ACSR 6/1	0	0	531	158	9	1	1	0.00	4.90	0
19890062	19890061	6.60	1 1-	2 ACSR 6/1	0	0	528	157	4	0	0	0.00	4.90	0
19890039	19890037	6.59	56 1-	2 ACSR 6/1	0	0	528	157	194	25	14	0.08	4.98	13
20850126	19890039	6.64	1 1-	2 ACSR 6/1	0	0	525	157	2	0	0	0.00	4.98	0
20850127	20850126	6.70	1 1-	2 ACSR 6/1	0	0	520	157	2	0	0	0.00	4.98	0
19890038	19890039	6.71	53 1-	2 ACSR 6/1	0	0	520	157	181	23	13	0.08	5.05	11
19890066	19890038	6.75	5 1-	2 ACSR 6/1	0	0	517	157	10	1	1	0.00	5.06	0
19890067	19890066	6.78	4 1-	2 ACSR 6/1	0	0	514	156	7	0	0	0.00	5.06	0
20850139	19890067	6.83	3 1-	2 ACSR 6/1	0	0	511	156	4	0	0	0.00	5.06	0
19890032	19890038	6.80	45 1-	2 ACSR 6/1	0	0	513	156	161	21	12	0.06	5.11	7
20850724	19890032	6.89	0 1-	2 ACSR 6/1	0	0	507	156	0	0	0	0.00	5.11	0
20850727	19890032	6.88	44 1-	2 ACSR 6/1	0	0	507	156	161	21	12	0.05	5.16	6
20850728	20850727	6.93	42 1-	2 ACSR 6/1	0	0	504	155	155	20	11	0.03	5.19	3
20850729	20850728	6.99	41 1-	2 ACSR 6/1	0	0	500	155	152	20	11	0.03	5.22	4
19890033	20850729	7.05	37 1-	2 ACSR 6/1	0	0	496	155	149	19	11	0.04	5.26	4
19890063	19890033	7.15	1 1-	2 ACSR 6/1	0	0	489	154	7	0	1	0.00	5.26	0
19890065	19890063	7.23	1 1-	2 ACSR 6/1	0	0	484	154	7	0	1	0.00	5.26	0
19890064	19890063	7.22	0 1-	2 ACSR 6/1	0	0	484	154	0	0	0	0.00	5.26	0
20850449	19890033	7.13	1 1-	2 ACSR 6/1	0	0	490	154	2	0	0	0.00	5.26	0
19890034	19890033	7.17	33 1-	2 ACSR 6/1	0	0	488	154	134	17	10	0.06	5.32	7
19890043	19890034	7.34	33 1-	2 ACSR 6/1	0	0	477	153	134	17	10	0.08	5.40	9
19890068	19890043	7.38	2 1-	2 ACSR 6/1	0	0	474	153	11	1	1	0.00	5.40	0
19890070	19890068	7.42	1 1-	2 ACSR 6/1	0	0	472	153	8	1	1	0.00	5.40	0
19890069	19890068	7.46	1 1-	2 ACSR 6/1	0	0	469	152	4	0	0	0.00	5.40	0
20850143	19890043	7.40	28 1-	2 ACSR 6/1	0	0	473	153	111	14	8	0.02	5.42	2
20850144	20850143	7.47	4 1-	2 ACSR 6/1	0	0	469	152	15	1	1	0.00	5.43	0
19890044	20850144	7.50	2 1-	2 ACSR 6/1	0	0	467	152	8	1	1	0.00	5.43	0
19890045	19890044	7.58	1 1-	2 ACSR 6/1	0	0	462	152	8	0	1	0.00	5.43	0
20850223	20850143	7.43	23 1-	2 ACSR 6/1	0	0	471	153	92	12	7	0.01	5.44	0
20850180	20850223	7.47	22 1-	2 ACSR 6/1	0	0	469	152	90	11	7	0.01	5.45	0
20850184	20850180	7.54	1 1-	2 ACSR 6/1	0	0	465	152	8	1	1	0.00	5.45	0
20850182	20850180	7.50	4 1-	2 ACSR 6/1	0	0	467	152	14	1	1	0.00	5.45	0
20850183	20850182	7.54	1 1-	2 ACSR 6/1	0	0	465	152	3	0	0	0.00	5.45	0
20850181	20850182	7.71	2 1-	2 ACSR 6/1	0	0	455	151	4	0	0	0.00	5.45	0
19880008	20850181	7.88	1 1-	2 ACSR 6/1	0	0	445	150	2	0	0	0.00	5.45	0
19890030	19880008	7.90	1 1-	2 ACSR 6/1	0	0	444	150	2	0	0	0.00	5.45	0
19890029	19880008	7.90	0 1-	2 ACSR 6/1	0	0	444	150	0	0	0	0.00	5.45	0
19890031	20850180	7.58	15 1-	2 ACSR 6/1	0	0	462	152	60	7	4	0.03	5.47	1
20850186	19890031	7.63	15 1-	2 ACSR 6/1	0	0	459	151	60	7	4	0.01	5.49	0
20850446	20850186	7.68	14 1-	2 ACSR 6/1	0	0	456	151	58	7	4	0.01	5.50	0
20850447	20850446	7.76	12 1-	2 ACSR 6/1	0	0	452	151	54	7	4	0.02	5.51	0
20850448	20850447	8.30	11 1-	2 ACSR 6/1	0	0	423	148	50	6	4	0.09	5.60	3
19880018	20850448	8.45	1 1-	2 ACSR 6/1	0	0	416	147	2	0	0	0.00	5.61	0
19880007	20850448	8.34	8 1-	2 ACSR 6/1	0	0	421	147	37	4	3	0.01	5.61	0
19780023	19880007	8.38	1 1-	2 ACSR 6/1	0	0	420	147	4	0	0	0.00	5.61	0
19780022	19880007	8.44	5 1-	2 ACSR 6/1	0	0	416	147	25	3	2	0.01	5.62	0
19780037	19780022	8.55	4 1-	2 ACSR 6/1	0	0	411	146	20	2	1	0.01	5.63	0
19880011	19780037	8.61	2 1-	2 ACSR 6/1	0	0	409	146	11	1	1	0.00	5.63	0
19880010	19780037	8.59	1 1-	2 ACSR 6/1	0	0	410	146	3	0	0	0.00	5.63	0
20850185	19890031	7.60	0 1-	2 ACSR 6/1	0	0	461	152	0	0	0	0.00	5.47	0
19890042	19890034	7.24	0 1-	2 ACSR 6/1	0	0	483	154	0	0	0	0.00	5.32	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 45	SOUTHCORBIN(45)	1957			5296	5343	5482	196	10901						
SUB 45,	CKT 1														
BK4501	SOUTHCORBIN(45)	0.00	387 3-	BK4501	5296	5343	5482	196	2126	88 47	0.00	0.00	0.00	0	
9720114	BK4501	0.09	387 3-	336 3PSC	5160	5186	5185	196	2126	88 17	0.05	0.04	0.04	66	
9720110	9720114	0.14	1 1-	2 ACSR 6/1	0	0	4970	195	1	0 0	0.00	0.05	0		
9720111	9720114	0.13	385 3-	336 3PSC	5107	5124	5074	196	2121	88 17	0.02	0.05	0.05	26	
9720137	9720111	0.20	384 3-	336 3PSC	5015	5014	4886	195	2115	88 17	0.03	0.08	0.08	47	
9620003	9720137	0.22	384 3-	336 ACSR 18/1	4958	4947	4798	195	2114	88 17	0.01	0.09	0.09	19	
9620271	9620003	0.27	8 1-	2 ACSR 6/1	0	0	4583	195	19	2 1	0.00	0.06	0		
9620293	9620003	0.25	376 3-	336 ACSR 18/1	4900	4879	4710	195	2095	87 16	0.01	0.10	0.10	19	
9620296	9620293	0.31	374 3-	336 ACSR 18/1	4793	4754	4550	195	2027	84 16	0.02	0.12	0.12	34	
9620218	9620296	0.36	372 3-	336 ACSR 18/1	4683	4628	4391	195	2017	84 16	0.03	0.14	0.14	36	
9620195	9620218	0.41	371 3-	336 ACSR 18/1	4588	4518	4256	195	2006	83 16	0.02	0.16	0.16	33	
9620196	9620195	0.48	1 1-	2 ACSR 6/1	0	0	4022	194	11	1 1	0.00	0.20	0		
9620298	9620195	0.47	7 3-	336 ACSR 18/1	4481	4397	4108	195	22	0 0	0.00	0.16	0		
9620301	9620298	0.51	6 3-	336 ACSR 18/1	4415	4323	4018	195	16	0 0	0.00	0.16	0		
9620305	9620301	0.56	1 1-	2 ACSR 6/1	0	0	3868	194	2	0 0	0.00	0.11	0		
9620304	9620301	0.55	1 1-	2 ACSR 6/1	0	0	3888	194	3	0 0	0.00	0.11	0		
9620303	9620301	0.56	2 1-	2 ACSR 6/1	0	0	3850	194	4	0 0	0.00	0.19	0		
9620026	9620195	0.54	363 3-	336 ACSR 18/1	4377	4281	3967	195	1973	82 16	0.05	0.20	0.20	74	
9620197	9620026	0.58	2 1-	2 ACSR 6/1	0	0	3815	194	10	1 1	0.00	0.25	0		
9620198	9620026	0.58	4 1-	2 ACSR 6/1	0	0	3808	194	24	3 2	0.00	0.15	0		
9620199	9620198	0.64	2 1-	2 ACSR 6/1	0	0	3655	194	15	1 1	0.00	0.15	0		
9620202	9620199	0.71	1 1-	2 ACSR 6/1	0	0	3438	193	9	1 1	0.00	0.15	0		
9620300	9620026	0.56	2 1-	2 ACSR 6/1	0	0	3873	194	15	1 1	0.00	0.25	0		
9620025	9620026	0.58	355 3-	336 ACSR 18/1	4299	4193	3863	195	1923	80 15	0.02	0.22	0.22	28	
9620269	9620025	0.64	355 3-	4/0 ACSR 6/1	4194	4080	3729	194	1923	80 24	0.04	0.25	0.25	50	
9620270	9620269	0.74	352 3-	4/0 ACSR 6/1	4012	3884	3502	194	1913	79 23	0.07	0.30	0.30	93	
9620253	9620270	0.79	349 3-	4/0 ACSR 6/1	3931	3797	3404	194	1904	79 23	0.03	0.33	0.33	43	
9620254	9620253	0.83	348 3-	4/0 ACSR 6/1	3864	3725	3324	194	1893	79 23	0.03	0.35	0.35	37	
20850267	9620254	0.87	345 3-	4/0 ACSR 6/1	3790	3646	3236	194	1874	78 23	0.03	0.37	0.37	41	
20850268	20850267	0.90	343 3-	4/0 ACSR 6/1	3743	3597	3181	194	1859	77 23	0.02	0.39	0.26	26	
20850083	20850268	0.93	341 3-	4/0 ACSR 6/1	3696	3547	3127	193	1834	76 23	0.02	0.41	0.27	27	
D09-62-P087	20850083	0.93	2 1-	FUS	0	0	3127	193	11	1 33	0.00	0.49	0		
9620318	D09-62-P087	0.97	2 1-	2 ACSR 6/1	0	0	3043	193	11	1 1	0.00	0.49	0		
20850084	9620318	1.07	1 1-	2 ACSR 6/1	0	0	2846	192	9	1 1	0.00	0.50	0		
20850264	9620318	1.04	1 1-	2 ACSR 6/1	0	0	2919	193	2	0 0	0.00	0.49	0		
9620187	20850083	1.00	339 3-	4/0 ACSR 6/1	3600	3445	3018	193	1823	76 22	0.03	0.44	0.44	55	
9620188	9620187	1.02	336 3-	4/0 ACSR 6/1	3572	3417	2987	193	1800	75 22	0.01	0.45	0.16	16	
D09-62-P089	9620188	1.02	12 1-	FUS	0	0	2987	193	53	6 154	0.00	0.31	0		
9620257	D09-62-P089	1.06	12 1-	2 ACSR 6/1	0	0	2918	193	53	6 4	0.01	0.32	0		
9620191	9620257	1.07	10 1-	2 ACSR 6/1	0	0	2880	193	44	5 3	0.00	0.32	0		
9620184	9620191	1.13	9 1-	2 ACSR 6/1	0	0	2782	192	41	5 3	0.01	0.33	0		
9620183	9620184	1.17	6 1-	2 ACSR 6/1	0	0	2701	192	30	3 2	0.00	0.33	0		
9620190	9620183	1.21	4 1-	2 ACSR 6/1	0	0	2634	192	18	2 1	0.00	0.33	0		
9620213	9620190	1.28	1 1-	15 KV 2 URD XLP	0	0	2533	482	10	1 1	0.00	0.33	0		
9620189	9620190	1.23	3 1-	2 ACSR 6/1	0	0	2612	191	8	0 1	0.00	0.33	0		
9620192	9620188	1.10	323 3-	4/0 ACSR 6/1	3465	3305	2869	193	1744	72 21	0.04	0.49	0.49	61	
9620193	9620192	1.17	319 3-	4/0 ACSR 6/1	3371	3207	2766	193	1727	72 21	0.04	0.52	0.52	56	
9620194	9620193	1.21	316 3-	4/0 ACSR 6/1	3322	3156	2714	192	1717	71 21	0.02	0.54	0.29	29	
9620185	9620194	1.25	315 3-	4/0 ACSR 6/1	3276	3108	2664	192	1706	71 21	0.02	0.56	0.28	28	
9620186	9620185	1.28	314 3-	4/0 ACSR 6/1	3236	3067	2622	192	1698	71 21	0.02	0.57	0.25	25	

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9620182	9620186	1.32	312 3-	4/0 ACSR 6/1	3191	3021	2576	192	1677	70	21	0.02	0.59	28
9620203	9620182	1.37	309 3-	4/0 ACSR 6/1	3137	2966	2520	192	1667	69	21	0.03	0.61	34
9620206	9620203	1.41	6 1-	2 ACSR 6/1	0	0	2464	192	22	2	2	0.00	0.73	0
9620207	9620206	1.44	5 1-	2 ACSR 6/1	0	0	2428	191	22	2	2	0.00	0.73	0
9620205	9620207	1.48	3 1-	2 ACSR 6/1	0	0	2373	191	18	2	1	0.00	0.74	0
9620204	9620205	1.51	1 1-	2 ACSR 6/1	0	0	2335	191	5	0	0	0.00	0.74	0
9620208	9620203	1.43	300 3-	4/0 ACSR 6/1	3075	2903	2457	192	1630	68	20	0.03	0.64	38
9620209	9620208	1.46	298 3-	4/0 ACSR 6/1	3042	2868	2422	192	1610	67	20	0.02	0.65	21
9620210	9620209	1.51	18 1-	2 ACSR 6/1	0	0	2359	191	120	15	8	0.02	0.47	2
9620211	9620210	1.54	15 1-	2 ACSR 6/1	0	0	2315	191	105	13	7	0.01	0.48	0
9620212	9620211	1.57	13 1-	2 ACSR 6/1	0	0	2280	191	87	11	6	0.01	0.49	0
9620252	9620212	1.60	11 1-	2 ACSR 6/1	0	0	2240	190	74	9	5	0.01	0.49	0
9620251	9620252	1.64	7 1-	2 ACSR 6/1	0	0	2197	190	52	6	4	0.01	0.50	0
9620243	9620251	1.67	3 1-	2 ACSR 6/1	0	0	2159	190	25	3	2	0.00	0.50	0
9620244	9620209	1.51	279 3-	4/0 ACSR 6/1	2997	2823	2377	191	1482	62	18	0.03	0.67	25
9620245	9620244	1.55	277 3-	4/0 ACSR 6/1	2957	2783	2337	191	1473	61	18	0.02	0.68	23
D09-62-P366	9620245	1.55	15 1-	FUS-25	0	0	2337	191	66	8	37	0.00	0.46	0
9620259	D09-62-P366	1.59	15 1-	2 ACSR 6/1	0	0	2280	191	66	8	5	0.01	0.47	0
9620236	9620259	1.62	14 1-	2 ACSR 6/1	0	0	2250	191	56	7	4	0.00	0.48	0
9620237	9620236	1.66	13 1-	2 ACSR 6/1	0	0	2197	190	51	6	4	0.01	0.48	0
9620238	9620237	1.71	10 1-	2 ACSR 6/1	0	0	2137	190	32	4	2	0.00	0.49	0
9620239	9620238	1.77	7 1-	2 ACSR 6/1	0	0	2073	189	18	2	1	0.00	0.49	0
9620246	9620245	1.57	16 1-	2 ACSR 6/1	0	0	2302	191	87	11	6	0.01	0.83	0
9620247	9620246	1.63	12 1-	2 ACSR 6/1	0	0	2230	191	64	8	5	0.01	0.84	0
9620248	9620247	1.69	9 1-	2 ACSR 6/1	0	0	2167	190	53	6	4	0.01	0.85	0
9620249	9620248	1.73	5 1-	2 ACSR 6/1	0	0	2119	190	38	4	3	0.01	0.86	0
9620235	9620249	1.78	4 1-	2 ACSR 6/1	0	0	2062	189	34	4	2	0.00	0.86	0
9620226	9620235	1.85	1 1-	2 ACSR 6/1	0	0	1997	189	14	1	1	0.00	0.86	0
9620242	9620245	1.59	246 3-	4/0 ACSR 6/1	2915	2740	2296	191	1320	55	16	0.02	0.70	21
9620241	9620242	1.63	243 3-	4/0 ACSR 6/1	2878	2703	2259	191	1305	55	16	0.02	0.71	18
8690318	9620241	1.63	243 3-	4/0 ACSR 6/1	2873	2697	2254	191	1305	55	16	0.00	0.71	3
8690317	8690318	1.64	243 3-	4/0 ACSR 6/1	2867	2692	2249	191	1305	55	16	0.00	0.71	3
D08-69-P042	8690317	1.64	11 1-	FUS	0	0	2249	191	55	7	160	0.00	0.87	0
8690231	D08-69-P042	1.71	11 1-	2 ACSR 6/1	0	0	2167	190	55	7	4	0.01	0.88	0
8690232	8690231	1.74	8 1-	2 ACSR 6/1	0	0	2135	190	39	4	3	0.00	0.88	0
8690233	8690232	1.77	7 1-	2 ACSR 6/1	0	0	2103	190	34	4	2	0.00	0.89	0
8690234	8690233	1.82	3 1-	2 ACSR 6/1	0	0	2052	190	14	1	1	0.00	0.89	0
8690235	8690317	1.68	231 3-	4/0 ACSR 6/1	2831	2655	2213	191	1250	52	16	0.02	0.73	17
8690236	8690235	1.70	230 3-	4/0 ACSR 6/1	2810	2634	2193	191	1247	52	15	0.01	0.73	10
8690238	8690236	1.74	228 3-	4/0 ACSR 6/1	2782	2606	2166	191	1238	52	15	0.01	0.74	14
8690239	8690238	1.80	104 3-	4/0 ACSR 6/1	2727	2551	2113	190	527	26	8	0.00	0.74	10
8690240	8690239	1.83	100 3-	4/0 ACSR 6/1	2705	2529	2092	190	514	25	8	0.00	0.74	4
8690241	8690240	1.83	99 3-	4/0 ACSR 6/1	2700	2524	2088	190	509	25	8	0.00	0.74	0
08-69-P068-B	8690241	1.83	99 3-	Closed	2700	2524	2088	190	509	25	0	0.00	0.74	0
08-69-P068-A	08-69-P068-B	1.83	99 3-	Closed	2700	2524	2088	190	509	25	0	0.00	0.74	0
8690214	08-69-P068-A	1.86	99 3-	4/0 ACSR 6/1	2681	2505	2069	190	509	25	8	0.00	0.74	4
8690215	8690214	1.91	97 3-	4/0 ACSR 6/1	2638	2463	2029	190	493	25	7	0.00	0.75	8
8690216	8690215	1.95	73 3-	4/0 ACSR 6/1	2604	2429	1997	190	378	20	6	0.00	0.74	3
8690217	8690216	2.00	69 3-	4/0 ACSR 6/1	2570	2395	1966	190	364	19	6	0.00	0.74	3
8690242	8690217	2.04	66 3-	4/0 ACSR 6/1	2539	2364	1937	190	343	19	6	0.00	0.74	3
20850075	8690242	2.07	64 3-	4/0 ACSR 6/1	2516	2342	1916	190	336	19	6	0.00	0.74	2
20850077	20850075	2.09	1 1-	2 ACSR 6/1	0	0	1898	189	6	0	0	0.00	0.90	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850076	20850075	2.12	61 3-	4/0 ACSR 6/1	2484	2310	1887	189	324	18	6	0.00	0.74	3
8690252	20850076	2.16	60 3-	4/0 ACSR 6/1	2454	2281	1859	189	318	18	5	0.00	0.74	2
20850078	8690252	2.21	21 1-	2 ACSR 6/1	0	0	1822	189	118	15	8	0.02	0.98	2
8690283	20850078	2.25	17 1-	2 ACSR 6/1	0	0	1787	188	96	12	7	0.01	0.99	0
8690282	8690283	2.28	14 1-	2 ACSR 6/1	0	0	1768	188	73	9	5	0.01	1.00	0
8690267	8690282	2.32	13 1-	2 ACSR 6/1	0	0	1736	188	67	8	5	0.01	1.01	0
8690268	8690267	2.37	11 1-	2 ACSR 6/1	0	0	1695	187	53	6	4	0.01	1.02	0
8690265	8690268	2.43	9 1-	2 ACSR 6/1	0	0	1660	187	40	5	3	0.01	1.03	0
8690266	8690265	2.45	7 1-	2 ACSR 6/1	0	0	1643	187	33	4	2	0.00	1.03	0
8690264	8690266	2.52	2 1-	2 ACSR 6/1	0	0	1600	186	18	2	1	0.00	1.03	0
8690263	8690268	2.40	2 1-	2 ACSR 6/1	0	0	1675	187	14	1	1	0.00	1.02	0
8690253	8690252	2.22	36 3-	4/0 ACSR 6/1	2416	2243	1825	189	189	14	4	-0.01	0.73	2
8690284	8690253	2.28	34 3-	4/0 ACSR 6/1	2376	2204	1789	189	179	14	4	-0.01	0.72	2
8690285	8690284	2.29	31 3-	4/0 ACSR 6/1	2368	2196	1782	189	155	14	4	0.00	0.72	0
8690248	8690285	2.32	3 1-	2 ACSR 6/1	0	0	1762	189	18	2	1	0.00	0.88	0
8690249	8690248	2.36	1 1-	2 ACSR 6/1	0	0	1731	188	4	0	0	0.00	0.88	0
8690250	8690285	2.33	28 3-	4/0 ACSR 6/1	2347	2175	1762	189	138	14	4	-0.01	0.72	0
8690251	8690250	2.37	25 3-	4/0 ACSR 6/1	2320	2149	1738	188	127	14	4	-0.01	0.71	1
8690053	8690251	2.41	22 3-	4/0 ACSR 6/1	2293	2122	1714	188	112	14	4	-0.01	0.71	1
8690055	8690053	2.45	19 3-	4/0 ACSR 6/1	2270	2100	1694	188	91	14	4	-0.01	0.70	1
8690335	8690055	2.50	18 3-	4/0 ACSR 6/1	2244	2074	1671	188	84	-14	4	-0.01	0.70	1
8690058	8690335	2.54	14 3-	4/0 ACSR 6/1	2219	2050	1649	188	67	-13	4	-0.01	0.69	1
8690060	8690058	2.59	11 3-	4/0 ACSR 6/1	2194	2026	1627	188	55	-13	4	-0.01	0.68	1
8690059	8690060	2.65	1 1- 15	KV 2 URD XLP	0	0	1594	454	3	0	0	0.00	0.31	0
8690057	8690059	2.70	1 1- 15	KV 2 URD XLP	0	0	1566	451	3	0	0	0.00	0.31	0
8690056	8690057	2.73	1 1- 15	KV 2 URD XLP	0	0	1546	448	3	0	0	0.00	0.31	0
8690061	8690060	2.64	6 3-	4/0 ACSR 6/1	2168	2001	1605	188	34	-13	4	-0.01	0.68	1
8690062	8690061	2.67	2 3-	4/0 ACSR 6/1	2152	1985	1591	187	13	-13	4	-0.01	0.67	0
8690288	8690062	2.72	1 3-	4/0 ACSR 6/1	2123	1958	1566	187	10	-13	4	-0.01	0.66	2
8790172	8690288	2.76	0 3-	4/0 ACSR 6/1	2105	1940	1551	187	0	-13	4	-0.01	0.66	0
C08-79-P124	8790172	2.76	0 3-	Capacitor	2105	1940	1551	187	0	-13	0	0.00	0.66	0
8790026	8790172	2.81	0 3-	4/0 ACSR 6/1	2076	1912	1526	187	0	0	0	0.00	0.66	0
08-79-P091-A	8790026	2.81	0 3-	Open	2076	1912	1526	187	0	0	0	0.00	0.66	0
8690054	8690053	2.46	1 1-	2 ACSR 6/1	0	0	1684	188	5	0	0	0.00	0.86	0
8690247	8690284	2.31	2 1-	2 ACSR 6/1	0	0	1767	189	14	1	1	0.00	0.88	0
8690243	8690215	1.95	24 1-	2 ACSR 6/1	0	0	1986	190	114	14	8	0.02	0.94	1
8690244	8690243	1.98	22 1-	2 ACSR 6/1	0	0	1965	190	99	12	7	0.01	0.95	0
8690245	8690244	2.01	20 1-	2 ACSR 6/1	0	0	1930	189	90	11	6	0.01	0.96	0
8690066	8690245	2.07	17 1-	2 ACSR 6/1	0	0	1884	189	76	9	5	0.01	0.98	0
20850069	8690066	2.12	13 1-	2 ACSR 6/1	0	0	1841	188	55	6	4	0.01	0.98	0
20850071	20850069	2.16	9 1-	2 ACSR 6/1	0	0	1804	188	37	4	3	0.00	0.99	0
20850072	20850071	2.21	6 1-	2 ACSR 6/1	0	0	1763	188	21	2	2	0.00	0.99	0
20850073	20850072	2.24	5 1-	2 ACSR 6/1	0	0	1743	187	17	2	1	0.00	0.99	0
20850074	20850073	2.28	2 1-	2 ACSR 6/1	0	0	1717	187	4	0	0	0.00	0.99	0
8690237	8690238	1.78	75 3-	1/0 ACSR 6/1	2734	2557	2123	190	440	18	8	0.01	0.75	5
8690311	8690237	1.82	73 3-	1/0 ACSR 6/1	2693	2516	2087	190	436	18	8	0.01	0.77	5
8690312	8690311	1.85	71 3-	1/0 ACSR 6/1	2666	2488	2062	190	429	18	8	0.00	0.77	3
D08-69-P004	8690312	1.85	10 1-	FUS	0	0	2062	190	68	8	197	0.00	0.52	0
8690339	D08-69-P004	1.90	10 1-	2 ACSR 6/1	0	0	2015	190	68	8	5	0.01	0.53	0
8690326	8690339	1.94	7 1-	2 ACSR 6/1	0	0	1970	189	51	6	4	0.01	0.54	0
8690324	8690326	1.99	3 1-	2 ACSR 6/1	0	0	1926	189	27	3	2	0.00	0.54	0
8690323	8690324	2.02	2 1-	2 ACSR 6/1	0	0	1900	189	17	2	1	0.00	0.54	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8690327	8690312	1.90	18 1-	2 ACSR 6/1	0	0	2009	190	113	14	8	0.02	0.94	2
8690328	8690327	1.96	15 1-	2 ACSR 6/1	0	0	1954	189	95	12	7	0.02	0.96	1
8690329	8690328	1.99	1 1-	2 ACSR 6/1	0	0	1927	189	8	1	1	0.00	0.96	0
8690314	8690328	1.99	11 1-	2 ACSR 6/1	0	0	1925	189	67	8	5	0.01	0.97	0
8690315	8690314	2.03	10 1-	2 ACSR 6/1	0	0	1888	189	64	8	4	0.01	0.98	0
8690316	8690315	2.09	9 1-	2 ACSR 6/1	0	0	1841	188	50	6	4	0.01	0.99	0
8690319	8690316	2.11	7 1-	2 ACSR 6/1	0	0	1819	188	42	5	3	0.00	0.99	0
8690270	8690319	2.17	5 1-	2 ACSR 6/1	0	0	1773	187	28	3	2	0.00	1.00	0
8690271	8690270	2.24	3 1-	2 ACSR 6/1	0	0	1719	187	17	2	1	0.00	1.00	0
8690269	8690271	2.28	2 1-	2 ACSR 6/1	0	0	1694	187	7	0	0	0.00	1.00	0
8690246	8690312	1.89	42 3-	1/0 ACSR 6/1	2620	2441	2022	190	244	10	4	0.00	0.78	2
8690227	8690246	1.94	40 3-	1/0 ACSR 6/1	2574	2395	1982	190	239	10	4	0.00	0.79	2
8690228	8690227	1.98	37 3-	1/0 ACSR 6/1	2540	2360	1952	189	224	9	4	0.00	0.79	2
20850360	8690228	2.01	12 1-	2 ACSR 6/1	0	0	1923	189	95	12	7	0.01	0.57	0
20850361	20850360	2.04	11 1-	2 ACSR 6/1	0	0	1898	189	85	10	6	0.01	0.58	0
20850359	20850361	2.09	8 1-	2 ACSR 6/1	0	0	1856	188	68	8	5	0.01	0.59	0
8690069	20850359	2.12	6 1-	2 ACSR 6/1	0	0	1830	188	56	7	4	0.01	0.59	0
8690229	8690069	2.15	4 1-	2 ACSR 6/1	0	0	1809	188	39	4	3	0.00	0.60	0
8690230	8690229	2.18	2 1-	2 ACSR 6/1	0	0	1785	188	15	1	1	0.00	0.60	0
20850362	8690228	2.03	25 3-	1/0 ACSR 6/1	2497	2317	1915	189	130	5	2	0.00	0.80	0
20850363	20850362	2.09	21 3-	1/0 ACSR 6/1	2445	2265	1871	189	111	4	2	0.00	0.80	0
20850364	20850363	2.14	18 3-	1/0 ACSR 6/1	2399	2219	1831	188	93	3	2	0.00	0.81	0
D08-69-P141	20850364	2.14	10 1-	FUS	0	0	1831	188	51	6	147	0.00	0.57	0
8690338	D08-69-P141	2.18	10 1-	2 ACSR 6/1	0	0	1800	188	51	6	4	0.01	0.58	0
8690221	8690338	2.22	1 1-	15 KV 2 URD XLP	0	0	1775	459	8	1	1	0.00	0.58	0
20850368	8690338	2.23	8 1-	2 ACSR 6/1	0	0	1760	188	33	4	2	0.01	0.59	0
20850369	20850368	2.28	5 1-	2 ACSR 6/1	0	0	1725	187	26	3	2	0.00	0.59	0
8690310	20850369	2.31	4 1-	2 ACSR 6/1	0	0	1700	187	20	2	1	0.00	0.59	0
20850367	20850364	2.19	6 3-	1/0 ACSR 6/1	2358	2178	1797	188	31	1	1	0.00	0.81	0
8690320	20850367	2.24	5 3-	1/0 ACSR 6/1	2321	2142	1766	188	30	1	1	0.00	0.81	0
8690064	8690320	2.29	4 3-	1/0 ACSR 6/1	2280	2101	1731	188	19	0	0	0.00	0.81	0
8690065	8690064	2.32	3 3-	1/0 ACSR 6/1	2260	2081	1715	188	14	0	0	0.00	0.81	0
8690219	8690238	1.80	48 3-	1/0 ACSR 6/1	2716	2539	2107	190	263	11	5	0.03	0.75	5
8690220	8690219	1.83	43 3-	1/0 ACSR 6/1	2680	2502	2075	190	236	9	4	0.02	0.76	2
D08-69-P341	8690220	1.83	43 3-	REC-70-L	2680	2502	2075	190	236	9	14	0.00	0.76	0
8690321	D08-69-P341	1.87	43 3-	1/0 ACSR 6/1	2647	2469	2046	190	236	9	4	0.02	0.76	2
D08-69-P051	8690321	1.87	18 1-	FUS	0	0	2046	190	120	15	348	0.00	0.97	0
8690341	D08-69-P051	1.89	18 1-	2 ACSR 6/1	0	0	2019	190	120	15	8	0.01	0.98	1
8690331	8690341	1.92	17 1-	2 ACSR 6/1	0	0	1993	190	115	14	8	0.01	0.99	0
8690332	8690331	1.97	6 1-	2 ACSR 6/1	0	0	1948	189	45	5	3	0.01	1.00	0
20850370	8690332	2.00	4 1-	2 ACSR 6/1	0	0	1916	189	40	5	3	0.00	1.01	0
8590121	20850370	2.04	3 1-	2 ACSR 6/1	0	0	1884	189	25	3	2	0.00	1.01	0
20850371	8690331	1.98	8 1-	2 ACSR 6/1	0	0	1939	189	50	6	4	0.01	1.00	0
20850372	20850371	2.03	5 1-	2 ACSR 6/1	0	0	1891	189	31	3	2	0.00	1.01	0
8590118	20850372	2.06	2 1-	2 ACSR 6/1	0	0	1863	188	14	1	1	0.00	1.01	0
20850373	8690321	1.94	22 3-	1/0 ACSR 6/1	2573	2394	1981	190	100	4	2	0.01	0.77	0
D08-69-P052	20850373	1.94	6 1-	FUS	0	0	1981	190	28	3	82	0.00	0.99	0
8690340	D08-69-P052	2.00	6 1-	2 ACSR 6/1	0	0	1929	189	28	3	2	0.00	0.99	0
20850669	8690340	2.04	4 1-	2 ACSR 6/1	0	0	1892	189	19	2	1	0.00	0.99	0
8590119	20850669	2.07	2 1-	2 ACSR 6/1	0	0	1872	189	14	1	1	0.00	0.99	0
20850670	20850373	2.00	13 3-	1/0 ACSR 6/1	2523	2343	1937	189	63	2	1	0.00	0.77	0
8690212	20850670	2.05	10 3-	1/0 ACSR 6/1	2476	2296	1897	189	49	2	1	0.00	0.77	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
8690213	8690212	2.08	3 1-	2 ACSR 6/1	0	0	1876	189	4	0	0	0.00	0.47	0
8690211	8690212	2.11	4 1-	2 ACSR 6/1	0	0	1848	188	31	3	2	0.01	1.00	0
8590120	8690211	2.13	3 1-	2 ACSR 6/1	0	0	1827	188	21	2	2	0.00	1.00	0
8690218	8690219	1.86	2 1-	2 ACSR 6/1	0	0	2045	190	21	2	1	0.00	0.94	0
9620240	9620242	1.63	2 1-	2 ACSR 6/1	0	0	2242	191	10	1	1	0.00	0.46	0
9620027	9620270	0.77	2 1-	2 ACSR 6/1	0	0	3413	194	7	0	0	0.00	0.37	0
9620214	9620027	0.92	2 1-	15 KV 2 URD XLP	0	0	3108	492	7	0	1	0.00	0.38	0
9620268	9620269	0.64	0 1-	2 ACSR 6/1	0	0	3710	194	0	0	0	0.00	0.31	0
09-62-P014-A	9620268	0.64	0 1-	Open	0	0	3710	194	0	0	0	0.00	0.31	0
CKT 1 total losses:	\$1,316													
SUB 45, CKT 2														
BK4502	SOUTHCORBIN(45)	0.00	522 3-	BK4502	5296	5343	5482	196	3325	141	75	0.00	0.00	0
9720108	BK4502	0.09	522 3-	336 3PSC	5158	5183	5180	196	3325	141	27	0.09	0.07	197
9720109	9720108	0.13	522 3-	336 3PSC	5104	5120	5068	196	3323	141	27	0.03	0.10	78
9720136	9720109	0.21	522 3-	336 3PSC	5004	5000	4863	195	3322	141	27	0.07	0.16	151
9620292	9720136	0.26	520 3-	336 ACSR 18/1	4891	4868	4692	195	3286	139	26	0.05	0.21	107
9720138	9620292	0.30	520 3-	336 ACSR 18/1	4816	4781	4580	195	3285	139	26	0.04	0.24	74
9720132	9720138	0.35	1 3-	15 KV 2 URD XLP	4746	4729	4486	511	75	3	2	0.00	0.24	0
9720139	9720138	0.32	519 3-	336 ACSR 18/1	4778	4737	4525	195	3209	136	26	0.02	0.26	36
9720212	9720139	0.38	1 1-	2 ACSR 6/1	0	0	4255	195	2	0	0	0.00	0.29	0
9720140	9720139	0.45	516 3-	336 ACSR 18/1	4526	4448	4166	195	3189	135	26	0.13	0.37	255
9720142	9720140	0.51	33 1-	2 ACSR 6/1	0	0	3963	194	169	21	12	0.04	0.45	5
D09-72-P043	9720142	0.51	32 1-	REC-50-L	0	0	3963	194	161	20	41	0.00	0.45	0
9720228	D09-72-P043	0.54	32 1-	2 ACSR 6/1	0	0	3847	194	161	20	11	0.02	0.47	2
9720229	9720228	0.81	31 1-	2 ACSR 6/1	0	0	3120	192	152	19	11	0.14	0.62	17
20850293	9720229	0.88	25 1-	2 ACSR 6/1	0	0	2947	191	137	17	10	0.04	0.66	4
20850297	20850293	0.96	23 1-	2 ACSR 6/1	0	0	2784	191	132	16	9	0.04	0.69	4
20850488	20850297	1.01	19 1-	2 ACSR 6/1	0	0	2695	190	117	14	8	0.02	0.71	2
9620200	20850488	1.09	3 1-	15 KV 2 URD XLP	0	0	2566	474	26	3	2	0.00	0.72	0
9620028	20850488	1.10	16 1-	2 ACSR 6/1	0	0	2543	190	91	11	6	0.03	0.74	2
20850282	9620028	1.12	3 1-	2 ACSR 6/1	0	0	2509	189	20	2	1	0.00	0.74	0
9620223	20850282	1.20	1 1-	15 KV 2 URD XLP	0	0	2387	468	7	0	1	0.00	0.74	0
9620234	20850282	1.14	1 1-	2 ACSR 6/1	0	0	2474	189	6	0	0	0.00	0.74	0
20850226	9620028	1.15	13 1-	2 ACSR 6/1	0	0	2450	189	70	8	5	0.01	0.76	0
9620220	20850226	1.19	10 1-	15 KV 2 URD XLP	0	0	2403	470	50	6	4	0.01	0.76	0
9620258	9620220	1.29	1 1-	15 KV 2 URD XLP	0	0	2261	463	2	0	0	0.00	0.76	0
9620222	9620220	1.24	7 1-	15 KV 2 URD XLP	0	0	2335	467	33	4	3	0.01	0.77	0
9620250	9620222	1.29	4 1-	15 KV 2 URD XLP	0	0	2257	463	16	2	1	0.00	0.77	0
9620219	9620222	1.26	1 1-	15 KV 2 URD XLP	0	0	2303	465	5	0	0	0.00	0.77	0
9620221	9620220	1.29	2 1-	2 ACSR 6/1	0	0	2262	188	15	1	1	0.00	0.77	0
9620255	20850226	1.20	1 1-	2 ACSR 6/1	0	0	2379	189	13	1	1	0.00	0.76	0
9620256	9620255	1.32	1 1-	15 KV 2 URD XLP	0	0	2219	462	13	1	1	0.00	0.76	0
20850296	20850297	1.02	2 1-	2 ACSR 6/1	0	0	2672	190	7	0	1	0.00	0.69	0
20850294	20850293	0.94	1 1-	2 ACSR 6/1	0	0	2836	191	5	0	0	0.00	0.66	0
20850295	20850294	0.98	0 1-	2 ACSR 6/1	0	0	2742	191	0	0	0	0.00	0.66	0
20850228	9720229	0.86	5 1-	2 ACSR 6/1	0	0	3002	192	13	1	1	0.00	0.62	0
20850292	20850228	0.94	5 1-	2 ACSR 6/1	0	0	2821	191	13	1	1	0.00	0.62	0
20850227	20850292	1.01	3 1-	2 ACSR 6/1	0	0	2700	190	10	1	1	0.00	0.63	0
9620029	9720229	0.88	1 1-	2 ACSR 6/1	0	0	2961	191	3	0	0	0.00	0.62	0
20850281	9620029	0.92	1 1-	2 ACSR 6/1	0	0	2860	191	3	0	0	0.00	0.62	0
9620032	9620029	0.99	0 1-	2 ACSR 6/1	0	0	2841	191	0	0	0	0.00	0.62	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
09-62-P014-B	9620032	0.99	0 1-	Open	0	0	2741	191	0	0	0	0.00	0.62	0
9720143	9720142	0.57	1 1-	2 ACSR 6/1	0	0	3763	194	8	1	1	0.00	0.46	0
9720141	9720140	0.52	481 3-	3/0 ACSR 6/1	4365	4271	3956	195	3002	128	43	0.11	0.47	233
9720231	9720141	0.58	3 1-	2 ACSR 6/1	0	0	3758	194	10	1	1	0.00	0.53	0
9720230	9720141	0.55	3 1-	2 ACSR 6/1	0	0	3881	194	8	0	1	0.00	0.82	0
9720223	9720141	0.59	475 3-	3/0 ACSR 6/1	4221	4114	3774	194	2982	127	42	0.10	0.57	217
9720224	9720223	0.65	474 3-	3/0 ACSR 6/1	4100	3982	3625	194	2975	127	42	0.09	0.66	193
D09-72-P099	9720224	0.65	25 1-	FUS	0	0	3625	194	117	14	339	0.00	1.10	0
9720227	D09-72-P099	0.67	25 1-	2 ACSR 6/1	0	0	3574	194	117	14	8	0.01	1.11	0
9720237	9720227	0.72	23 1-	2 ACSR 6/1	0	0	3445	194	113	14	8	0.02	1.12	2
9720238	9720237	0.77	22 1-	2 ACSR 6/1	0	0	3314	193	106	13	7	0.02	1.14	2
9720240	9720238	0.88	10 1-	2 ACSR 6/1	0	0	3051	192	31	3	2	0.01	1.15	0
9720232	9720240	0.97	6 1-	2 ACSR 6/1	0	0	2856	191	15	1	1	0.00	1.16	0
9720248	9720232	0.99	5 1-	2 ACSR 6/1	0	0	2821	191	12	1	1	0.00	1.16	0
9720247	9720240	1.05	1 1-	2 ACSR 6/1	0	0	2703	191	3	0	0	0.00	1.15	0
9720239	9720238	0.81	12 1-	2 ACSR 6/1	0	0	3210	193	75	9	5	0.01	1.16	0
9720243	9720239	0.85	11 1-	2 ACSR 6/1	0	0	3118	192	71	9	5	0.01	1.17	0
9720260	9720243	0.88	3 1-	2 ACSR 6/1	0	0	3043	192	26	3	2	0.00	1.17	0
9720262	9720260	0.91	1 1-	2 ACSR 6/1	0	0	2987	192	8	1	1	0.00	1.17	0
9720261	9720260	0.93	1 1-	2 ACSR 6/1	0	0	2945	192	9	1	1	0.00	1.17	0
9720245	9720243	0.90	5 1-	2 ACSR 6/1	0	0	3011	192	29	3	2	0.00	1.17	0
9720246	9720245	0.96	4 1-	2 ACSR 6/1	0	0	2872	192	21	2	1	0.00	1.17	0
9720259	9720246	1.01	3 1-	2 ACSR 6/1	0	0	2774	191	13	1	1	0.00	1.18	0
9720244	9720243	0.92	2 1-	2 ACSR 6/1	0	0	2961	192	8	1	1	0.00	1.17	0
9720226	9720224	0.71	441 3-	3/0 ACSR 6/1	3993	3867	3496	194	2831	121	40	0.09	0.73	161
9720233	9720226	0.76	439 3-	3/0 ACSR 6/1	3902	3769	3389	194	2821	120	40	0.08	0.80	142
9720234	9720233	0.82	436 3-	3/0 ACSR 6/1	3787	3646	3255	193	2809	120	40	0.10	0.89	188
D09-72-P009	9720234	0.82	12 1-	FUS-40	0	0	3255	193	67	8	24	0.00	0.97	0
9720213	D09-72-P009	0.85	12 1-	2 ACSR 6/1	0	0	3186	193	67	8	5	0.01	0.98	0
9720258	9720213	0.98	4 1-	2 ACSR 6/1	0	0	2916	192	22	2	2	0.01	0.99	0
9720236	9720258	1.12	3 1-	2 ACSR 6/1	0	0	2655	191	17	2	1	0.00	1.00	0
9720242	9720213	0.88	7 1-	2 ACSR 6/1	0	0	3123	193	41	5	3	0.00	0.99	0
9720263	9720242	0.93	5 1-	2 ACSR 6/1	0	0	3020	193	35	4	2	0.01	0.99	0
9720264	9720263	1.01	4 1-	2 ACSR 6/1	0	0	2851	192	34	4	2	0.01	1.00	0
9720283	9720264	1.05	2 1-	2 ACSR 6/1	0	0	2768	192	25	3	2	0.00	1.00	0
9720285	9720283	1.20	1 1-	2 ACSR 6/1	0	0	2514	190	10	1	1	0.00	1.01	0
9720277	9720264	1.08	1 1-	2 ACSR 6/1	0	0	2727	191	3	0	0	0.00	1.00	0
9720284	9720277	1.19	1 1-	2 ACSR 6/1	0	0	2532	190	3	0	0	0.00	1.00	0
9720276	9720242	0.91	1 1-	2 ACSR 6/1	0	0	3064	193	4	0	0	0.00	0.99	0
9720235	9720234	0.84	3 1-	2 ACSR 6/1	0	0	3203	193	13	1	1	0.00	1.44	0
9720241	9720234	0.88	421 3-	3/0 ACSR 6/1	3694	3547	3149	193	2727	116	39	0.08	0.96	150
9720278	9720241	0.96	2 3-	15 KV 2 URD XLP	3605	3460	3057	494	241	11	7	0.02	0.98	6
9721720	9720278	0.96	2 3-	Consumer	3605	3460	3057	494	241	11	0	0.00	0.98	0
9720253	9720241	0.88	418 3-	3/0 ACSR 6/1	3686	3538	3140	193	2482	105	35	0.01	0.97	11
9720275	9720253	0.93	417 3-	3/0 ACSR 6/1	3616	3465	3062	193	2478	105	35	0.05	1.02	97
9720274	9720275	0.94	417 3-	3/0 ACSR 6/1	3596	3443	3040	193	2477	105	35	0.02	1.03	29
D09-72-P003	9720274	0.94	11 1-	FUS	0	0	3040	193	59	7	173	0.00	1.65	0
9720089	D09-72-P003	0.97	11 1-	2 ACSR 6/1	0	0	2984	193	59	7	4	0.01	1.66	0
9720255	9720089	0.98	7 1-	2 ACSR 6/1	0	0	2964	193	41	5	3	0.00	1.66	0
9720267	9720255	1.02	7 1-	2 ACSR 6/1	0	0	2876	192	41	5	3	0.01	1.67	0
9720269	9720267	1.06	6 1-	2 ACSR 6/1	0	0	2810	192	35	4	2	0.00	1.67	0
9720272	9720269	1.08	2 1-	2 ACSR 6/1	0	0	2771	192	17	2	1	0.00	1.67	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9720273	9720272	1.11	1 1-	2 ACSR 6/1	0	0	2720	192	6	0	0	0.00	1.67	0
9720268	9720267	1.06	0 1-	2 ACSR 6/1	0	0	2808	192	0	0	0	0.00	1.67	0
9720266	9720268	1.11	0 1-	2 ACSR 6/1	0	0	2718	192	0	0	0	0.00	1.67	0
9720251	9720089	1.00	4 1-	2 ACSR 6/1	0	0	2916	192	18	2	1	0.00	1.66	0
9720252	9720251	1.04	3 1-	2 ACSR 6/1	0	0	2842	192	15	1	1	0.00	1.66	0
9720265	9720252	1.08	1 1-	2 ACSR 6/1	0	0	2773	192	8	1	1	0.00	1.66	0
9720270	9720274	1.02	404 3-	3/0 ACSR 6/1	3473	3314	2906	193	2413	102	34	0.11	1.12	172
9720271	9720270	1.08	402 3-	3/0 ACSR 6/1	3396	3234	2823	192	2399	102	34	0.07	1.18	112
9720257	9720271	1.11	1 1-	2 ACSR 6/1	0	0	2754	192	9	1	1	0.00	0.36	0
9720256	9720271	1.14	398 3-	3/0 ACSR 6/1	3310	3144	2732	192	2382	101	34	0.08	1.25	130
8790042	9720256	1.21	2 3-	3/0 ACSR 6/1	3212	3044	2630	192	13	0	0	0.00	1.25	0
8790207	8790042	1.24	2 1-	2 ACSR 6/1	0	0	2590	192	13	1	1	0.00	1.38	0
8790206	8790042	1.23	0 3-	3/0 ACSR 6/1	3197	3028	2614	192	0	0	0	0.00	1.25	0
08-79-P052-B	8790206	1.23	0 3-	Open	3197	3028	2614	192	0	0	0	0.00	1.25	0
8790162	9720256	1.20	396 3-	1/0 ACSR 6/1	3224	3054	2646	192	2367	101	44	0.11	1.34	186
8790163	8790162	1.27	4 1-	2 ACSR 6/1	0	0	2528	191	24	3	2	0.01	2.12	0
8790164	8790163	1.31	4 1-	2 ACSR 6/1	0	0	2476	191	24	3	2	0.00	2.12	0
8790130	8790164	1.37	4 1-	2 ACSR 6/1	0	0	2383	190	24	3	2	0.00	2.13	0
8790131	8790130	1.43	0 1-	2 ACSR 6/1	0	0	2306	190	0	0	0	0.00	2.13	0
8790166	8790162	1.26	389 3-	1/0 ACSR 6/1	3139	2965	2561	192	2328	99	43	0.11	1.44	188
8790173	8790166	1.26	388 3-	1/0 ACSR 6/1	3131	2957	2553	191	2320	99	43	0.01	1.45	19
08-79-P116-B	8790173	1.26	388 3-	Closed	3131	2957	2553	191	2320	99	0	0.00	1.45	0
08-79-P116-A	08-79-P116-B	1.26	388 3-	Closed	3131	2957	2553	191	2320	99	0	0.00	1.45	0
8790132	08-79-P116-A	1.32	388 3-	1/0 ACSR 6/1	3060	2883	2484	191	2320	99	43	0.10	1.53	162
8790148	8790132	1.34	386 3-	1/0 ACSR 6/1	3025	2847	2450	191	2312	98	43	0.15	1.58	84
8790165	8790148	1.39	1 1-	2 ACSR 6/1	0	0	2391	191	7	0	0	0.00	1.77	0
8790175	8790165	1.41	0 1-	2 ACSR 6/1	0	0	2353	190	0	0	0	0.00	1.77	0
8790147	8790148	1.41	385 3-	1/0 ACSR 6/1	2943	2763	2372	191	2305	98	43	0.12	1.68	197
8790146	8790147	1.46	3 1-	2 ACSR 6/1	0	0	2303	190	11	1	1	0.00	2.58	0
8790145	8790147	1.47	379 3-	1/0 ACSR 6/1	2869	2687	2302	190	2272	97	42	0.11	1.77	184
8790204	8790145	1.51	1 1-	2 ACSR 6/1	0	0	2254	190	3	0	0	0.00	2.00	0
8790176	8790145	1.52	377 3-	1/0 ACSR 6/1	2816	2633	2252	190	2262	96	42	0.08	1.84	138
8790177	8790176	1.57	376 3-	1/0 ACSR 6/1	2758	2574	2198	190	2248	96	42	0.09	1.92	152
8790168	8790177	1.60	75 3-	1/0 ACSR 6/1	2722	2538	2165	190	462	19	9	0.01	1.93	4
D08-79-P107	8790168	1.60	75 3-	REC-50-L	2722	2538	2165	190	462	19	39	0.00	1.93	0
8790169	D08-79-P107	1.63	75 3-	1/0 ACSR 6/1	2689	2504	2135	189	462	19	9	0.01	1.94	4
8790170	8790169	1.72	74 3-	1/0 ACSR 6/1	2605	2419	2058	189	456	19	8	0.03	1.97	10
8790171	8790170	1.84	73 3-	1/0 ACSR 6/1	2484	2298	1950	188	454	19	8	0.04	2.01	15
8790134	8790171	1.94	2 1-	2 ACSR 6/1	0	0	1865	188	8	1	1	0.00	2.97	0
8790156	8790171	1.89	71 3-	1/0 ACSR 6/1	2442	2257	1913	188	446	19	8	0.02	2.02	5
8790157	8790156	1.99	70 3-	1/0 ACSR 6/1	2353	2168	1834	188	443	18	8	0.04	2.05	12
8790160	8790157	2.16	1 1-	2 ACSR 6/1	0	0	1704	186	5	0	0	0.00	2.32	0
8790144	8790157	2.12	67 3-	1/0 ACSR 6/1	2250	2067	1745	187	428	18	8	0.04	2.09	14
8790143	8790144	2.18	63 3-	1/0 ACSR 6/1	2205	2023	1707	187	414	17	8	0.02	2.11	6
8790136	8790143	2.25	61 3-	1/0 ACSR 6/1	2155	1974	1664	186	397	16	7	0.02	2.12	6
8790139	8790136	2.31	18 1-	2 ACSR 6/1	0	0	1623	186	109	14	8	0.02	2.42	2
8790140	8790139	2.43	16 1-	2 ACSR 6/1	0	0	1547	185	99	12	7	0.04	2.46	3
8790141	8790140	2.46	15 1-	2 ACSR 6/1	0	0	1526	185	99	12	7	0.01	2.47	0
8780027	8790141	2.54	14 1-	2 ACSR 6/1	0	0	1481	184	95	12	7	0.03	2.50	2
8780037	8780027	2.64	1 1-	2 ACSR 6/1	0	0	1425	183	2	0	0	0.00	2.50	0
8780068	8780027	2.62	3 1-	2 ACSR 6/1	0	0	1434	183	18	2	1	0.00	2.50	0
8790191	8780068	2.72	1 1-	15 KV 2 URD XLP	0	0	1386	426	8	0	1	0.00	2.51	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8780030	8780027	2.64	10 1-	2 ACSR 6/1	0	0	1426	183	76	9	5	0.03	2.53	1
8780031	8780030	2.70	8 1-	2 ACSR 6/1	0	0	1392	183	65	8	5	0.01	2.54	0
8780029	8780031	2.76	2 1-	2 ACSR 6/1	0	0	1362	182	13	1	1	0.00	2.54	0
8780028	8780031	2.74	5 1-	2 ACSR 6/1	0	0	1373	182	44	5	3	0.01	2.55	0
8780051	8780028	2.80	3 1-	2 ACSR 6/1	0	0	1346	182	28	3	2	0.00	2.55	0
8780052	8780051	2.86	2 1-	2 ACSR 6/1	0	0	1317	181	16	2	1	0.00	2.55	0
8780050	8780028	2.84	1 1-	2 ACSR 6/1	0	0	1327	182	10	1	1	0.00	2.55	0
8790161	8790139	2.36	1 1-	2 ACSR 6/1	0	0	1594	185	8	1	1	0.00	2.42	0
8790137	8790136	2.33	43 3-	1/0 ACSR 6/1	2100	1921	1618	186	288	12	5	0.00	2.14	6
8790138	8790137	2.36	41 3-	1/0 ACSR 6/1	2080	1901	1600	186	284	12	5	0.00	2.15	2
8790125	8790138	2.40	1 1-	2 ACSR 6/1	0	0	1575	185	6	0	0	0.00	1.01	0
8790028	8790138	2.40	25 1-	2 ACSR 6/1	0	0	1575	185	178	22	13	0.03	1.04	4
8790203	8790028	2.44	2 1-	2 ACSR 6/1	0	0	1553	185	14	1	1	0.00	1.04	0
8790127	8790028	2.43	22 1-	2 ACSR 6/1	0	0	1561	185	155	19	11	0.01	1.05	1
8790128	8790127	2.46	22 1-	2 ACSR 6/1	0	0	1537	185	155	19	11	0.02	1.07	3
8790129	8790128	2.50	1 1-	2 ACSR 6/1	0	0	1514	184	8	1	1	0.00	1.07	0
8790029	8790128	2.49	21 1-	2 ACSR 6/1	0	0	1521	185	147	18	10	0.01	1.09	2
8780067	8790029	2.59	3 1-	2 ACSR 6/1	0	0	1461	184	14	1	1	0.00	1.09	0
8690287	8780067	2.69	2 1-	2 ACSR 6/1	0	0	1412	183	5	0	0	0.00	1.09	0
8690286	8690287	2.78	1 1-	2 ACSR 6/1	0	0	1362	182	0	0	0	0.00	1.09	0
8780056	8790029	2.51	18 1-	2 ACSR 6/1	0	0	1507	184	133	16	9	0.01	1.10	0
8780058	8780056	2.56	1 1-	2 ACSR 6/1	0	0	1483	184	6	0	0	0.00	1.10	0
8780057	8780056	2.58	16 1-	2 ACSR 6/1	0	0	1472	184	113	14	8	0.03	1.12	2
8780053	8780057	2.60	2 1-	2 ACSR 6/1	0	0	1456	184	16	2	1	0.00	1.12	0
8780055	8780057	2.63	12 1-	2 ACSR 6/1	0	0	1443	184	85	10	6	0.02	1.14	1
8680013	8780055	2.66	10 1-	2 ACSR 6/1	0	0	1425	183	67	8	5	0.01	1.15	0
8680014	8680013	2.72	9 1-	2 ACSR 6/1	0	0	1396	183	63	8	4	0.01	1.16	0
8680010	8680014	2.77	4 1-	2 ACSR 6/1	0	0	1368	182	39	4	3	0.01	1.16	0
8680012	8680010	2.82	1 1-	2 ACSR 6/1	0	0	1345	182	9	1	1	0.00	1.16	0
8680011	8680010	2.84	1 1-	2 ACSR 6/1	0	0	1333	182	11	1	1	0.00	1.16	0
8680008	8680014	2.79	1 1-	2 ACSR 6/1	0	0	1361	182	7	0	1	0.00	1.16	0
8680009	8780055	2.68	2 1-	2 ACSR 6/1	0	0	1415	183	18	2	1	0.00	1.14	0
8780054	8780057	2.60	1 1-	2 ACSR 6/1	0	0	1459	184	8	1	1	0.00	1.12	0
8780071	8780054	2.61	1 1-	2 ACSR 6/1	0	0	1451	184	8	1	1	0.00	1.12	0
8790126	8790028	2.44	1 1-	2 ACSR 6/1	0	0	1551	185	9	1	1	0.00	1.04	0
8790027	8790138	2.38	15 1-	2 ACSR 6/1	0	0	1589	185	99	12	7	0.01	3.04	0
8790154	8790027	2.42	15 1-	2 ACSR 6/1	0	0	1565	185	99	12	7	0.01	3.05	0
8790208	8790154	2.44	1 1-	15 KV 2 URD XLP	0	0	1550	442	8	1	1	0.00	3.06	0
8790155	8790154	2.47	13 1-	2 ACSR 6/1	0	0	1536	185	84	10	6	0.01	3.07	0
8790153	8790155	2.50	12 1-	15 KV 2 URD XLP	0	0	1518	439	83	10	6	0.01	3.08	0
8790151	8790153	2.52	1 1-	15 KV 2 URD XLP	0	0	1508	438	11	1	1	0.00	3.08	0
8790181	8790153	2.53	10 1-	2 ACSR 6/1	0	0	1501	184	67	8	5	0.01	3.09	0
8790183	8790181	2.54	9 1-	2 ACSR 6/1	0	0	1491	184	62	8	4	0.00	3.09	0
8790150	8790183	2.57	7 1-	15 KV 2 URD XLP	0	0	1478	435	46	5	4	0.00	3.10	0
8690309	8790150	2.58	1 1-	15 KV 2 URD XLP	0	0	1470	434	4	0	0	0.00	3.10	0
8690276	8790150	2.59	5 1-	15 KV 2 URD XLP	0	0	1464	434	37	4	3	0.00	3.10	0
8690278	8690276	2.63	1 1-	2 ACSR 6/1	0	0	1443	183	9	1	1	0.00	3.10	0
8690277	8690276	2.61	2 1-	2 ACSR 6/1	0	0	1454	183	12	1	1	0.00	3.10	0
8790149	8790183	2.59	1 1-	15 KV 2 URD XLP	0	0	1467	434	10	1	1	0.00	3.09	0
8690275	8790149	2.63	1 1-	15 KV 2 URD XLP	0	0	1443	432	10	1	1	0.00	3.10	0
8790152	8790155	2.49	1 1-	15 KV 2 URD XLP	0	0	1521	439	1	0	0	0.00	3.07	0
8790124	8790152	2.51	0 1-	15 KV 2 URD XLP	0	0	1510	438	0	0	0	0.00	3.07	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8790193	8790152	2.54	1 1-	15 KV 2 URD XLP	0	0	1496	437	1	0	0	0.00	3.07	0
8790133	8790143	2.21	1 1-	2 ACSR 6/1	0	0	1688	186	7	0	1	0.00	3.02	0
8790142	8790144	2.24	4 1-	2 ACSR 6/1	0	0	1659	186	14	1	1	0.00	2.36	0
8790159	8790157	2.22	1 1-	2 ACSR 6/1	0	0	1656	186	3	0	0	0.00	3.00	0
8790158	8790157	2.08	1 1-	2 ACSR 6/1	0	0	1764	187	7	0	1	0.00	2.32	0
8790167	8790169	1.73	1 1-	2 ACSR 6/1	0	0	2032	189	6	0	0	0.00	2.20	0
8790184	8790167	1.79	1 1-	15 KV 2 URD XLP	0	0	1978	463	6	0	0	0.00	2.20	0
8790201	8790177	1.61	299 3-	1/0 ACSR 6/1	2709	2525	2153	190	1783	76	33	0.07	1.98	94
8790202	8790201	1.67	298 3-	1/0 ACSR 6/1	2648	2462	2097	189	1770	76	33	0.09	2.05	123
8790174	8790202	1.80	297 3-	1/0 ACSR 6/1	2521	2335	1983	189	1762	75	33	0.19	2.21	268
8790179	8790174	1.85	296 3-	1/0 ACSR 6/1	2474	2289	1941	188	1755	75	33	0.07	2.27	105
8790178	8790179	1.90	0 3-	1/0 ACSR 6/1	2432	2246	1903	188	0	0	0	0.00	2.27	0
8790135	8790178	1.91	0 3-	1/0 ACSR 6/1	2425	2239	1897	188	0	0	0	0.00	2.27	0
08-79-P091-B	8790135	1.91	0 3-	Open	2425	2239	1897	188	0	0	0	0.00	2.27	0
8790180	8790179	2.01	295 3-	1/0 ACSR 6/1	2341	2157	1824	187	1748	75	33	0.23	2.45	319
D08-69-P309	8790180	2.01	295 3-	REC-100-L	2341	2157	1824	187	1745	75	75	0.00	2.45	0
8690051	D08-69-P309	2.06	295 3-	1/0 ACSR 6/1	2295	2111	1784	187	1745	75	33	0.08	2.52	118
8690063	8690051	2.13	1 1-	2 ACSR 6/1	0	0	1735	187	6	0	0	0.00	3.95	0
8690046	8690051	2.12	294 3-	1/0 ACSR 6/1	2249	2066	1744	187	1738	75	33	0.09	2.59	123
20850070	8690046	2.18	1 1-	2 ACSR 6/1	0	0	1702	186	6	0	0	0.00	2.99	0
8690047	8690046	2.17	293 3-	1/0 ACSR 6/1	2216	2034	1716	187	1731	74	33	0.06	2.64	88
8690279	8690047	2.24	0 1-	2 ACSR 6/1	0	0	1662	186	0	0	0	0.00	3.05	0
8690280	8690047	2.24	293 3-	1/0 ACSR 6/1	2165	1984	1673	186	1730	74	33	0.10	2.73	145
D08-69-P005	8690280	2.24	1 1-	FUS-30	0	0	1673	186	5	0	2	0.00	4.31	0
8690306	D08-69-P005	2.44	1 1-	2 ACSR 6/1	0	0	1537	185	5	0	0	0.00	4.31	0
8690281	8690280	2.31	290 3-	1/0 ACSR 6/1	2117	1937	1632	186	1705	73	32	0.10	2.81	140
8690222	8690281	2.38	288 3-	1/0 ACSR 6/1	2072	1893	1594	185	1696	73	32	0.10	2.89	136
8690254	8690222	2.44	1 1-	2 ACSR 6/1	0	0	1554	185	8	1	1	0.00	4.59	0
8690255	8690222	2.42	7 1-	2 ACSR 6/1	0	0	1567	185	40	5	3	0.01	3.36	0
8690256	8690255	2.44	6 1-	2 ACSR 6/1	0	0	1554	185	35	4	3	0.00	3.36	0
8690257	8690256	2.47	5 1-	2 ACSR 6/1	0	0	1533	185	28	3	2	0.00	3.36	0
8690300	8690257	2.51	4 1-	2 ACSR 6/1	0	0	1511	184	18	2	1	0.00	3.37	0
8690301	8690300	2.58	2 1-	2 ACSR 6/1	0	0	1470	184	12	1	1	0.00	3.37	0
8690304	8690222	2.45	280 3-	1/0 ACSR 6/1	2024	1846	1553	185	1647	71	31	0.10	2.97	144
8690307	8690304	2.50	2 3-	1/0 ACSR 6/1	1996	1819	1530	185	15	0	0	0.00	2.97	0
8690305	8690304	2.47	278 3-	1/0 ACSR 6/1	2014	1837	1545	185	1630	70	31	0.02	2.99	29
8690225	8690305	2.52	278 3-	1/0 ACSR 6/1	1983	1807	1520	185	1630	70	31	0.07	3.04	93
8690209	8690225	2.56	1 1-	2 ACSR 6/1	0	0	1498	184	12	1	1	0.00	3.54	0
8690207	8690225	2.54	5 1-	2 ACSR 6/1	0	0	1505	185	31	4	2	0.00	4.87	0
8690208	8690207	2.56	4 1-	2 ACSR 6/1	0	0	1494	184	18	2	1	0.00	4.87	0
8690206	8690208	2.60	3 1-	2 ACSR 6/1	0	0	1472	184	12	1	1	0.00	4.87	0
8690272	8690206	2.64	2 1-	2 ACSR 6/1	0	0	1452	184	11	1	1	0.00	4.87	0
8690273	8690272	2.68	1 1-	2 ACSR 6/1	0	0	1429	184	7	0	1	0.00	4.87	0
8690052	8690225	2.57	272 3-	1/0 ACSR 6/1	1954	1779	1495	184	1587	68	30	0.07	3.10	88
8690204	8690052	2.59	12 1-	2 ACSR 6/1	0	0	1484	184	65	8	5	0.00	4.97	0
8690205	8690204	2.60	11 1-	2 ACSR 6/1	0	0	1474	184	60	7	4	0.00	4.97	0
8690226	8690205	2.64	9 1-	2 ACSR 6/1	0	0	1453	184	55	7	4	0.01	4.98	0
8690224	8690226	2.70	7 1-	2 ACSR 6/1	0	0	1423	183	47	6	3	0.01	4.99	0
8690274	8690224	2.77	6 1-	2 ACSR 6/1	0	0	1388	183	39	5	3	0.01	5.00	0
8690258	8690274	2.81	5 1-	2 ACSR 6/1	0	0	1367	183	35	4	3	0.01	5.00	0
8690259	8690258	2.86	4 1-	2 ACSR 6/1	0	0	1342	182	29	3	2	0.00	5.01	0
8690260	8690259	2.89	3 1-	2 ACSR 6/1	0	0	1327	182	20	2	1	0.00	5.01	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8690261	8690260	2.93	2 1-	2 ACSR 6/1	0	0	1311	182	11	1	1	0.00	5.01	0
8690262	8690261	2.98	2 1-	2 ACSR 6/1	0	0	1289	181	11	1	1	0.00	5.01	0
8690199	8690052	2.62	260 3-	1/0 ACSR 6/1	1922	1748	1469	184	1521	66	29	0.08	3.16	88
8690210	8690199	2.66	258 3-	1/0 ACSR 6/1	1903	1730	1453	184	1509	65	29	0.05	3.19	54
20850010	8690210	2.67	257 3-	1/0 ACSR 6/1	1894	1722	1446	184	1501	65	28	0.02	3.21	24
20850011	20850010	2.71	256 3-	1/0 ACSR 6/1	1876	1704	1431	184	1491	64	28	0.05	3.24	52
8690067	20850011	2.75	6 1-	2 ACSR 6/1	0	0	1410	183	19	2	1	0.00	3.81	0
8690068	8690067	2.81	2 1-	2 ACSR 6/1	0	0	1378	183	4	0	0	0.00	3.81	0
8690048	20850011	2.75	250 3-	1/0 ACSR 6/1	1850	1680	1410	184	1471	64	28	0.07	3.29	73
8690296	8690048	2.83	8 1-	2 ACSR 6/1	0	0	1371	183	41	5	3	0.01	5.29	0
8690297	8690296	2.85	6 1-	2 ACSR 6/1	0	0	1360	183	31	4	2	0.00	5.29	0
8690298	8690297	2.99	4 1-	2 ACSR 6/1	0	0	1296	182	17	2	1	0.01	5.30	0
8690299	8690298	3.04	1 1-	2 ACSR 6/1	0	0	1276	181	6	0	0	0.00	5.30	0
8690200	8690297	2.89	1 1-	2 ACSR 6/1	0	0	1342	182	5	0	0	0.00	5.29	0
8690049	8690048	2.80	242 3-	1/0 ACSR 6/1	1828	1658	1391	183	1429	62	27	0.06	3.33	62
8690333	8690049	2.83	1 1-	2 ACSR 6/1	0	0	1376	183	8	1	1	0.00	3.93	0
8690289	8690049	2.85	2 1-	2 ACSR 6/1	0	0	1366	183	9	1	1	0.00	3.93	0
8690202	8690049	2.84	238 3-	1/0 ACSR 6/1	1805	1637	1373	183	1405	61	27	0.06	3.38	62
8690203	8690202	2.92	233 3-	1/0 ACSR 6/1	1765	1598	1340	183	1379	60	26	0.11	3.45	109
8690291	8690203	3.01	1 1- 15 KV 2 URD XLP		0	0	1302	422	13	1	1	0.01	4.10	0
8690292	8690291	3.16	1 1- 15 KV 2 URD XLP		0	0	1239	414	13	1	1	0.00	4.11	0
8690050	8690203	3.00	232 3-	1/0 ACSR 6/1	1730	1565	1311	182	1365	59	26	0.09	3.52	97
8690045	8690050	3.03	228 3-	1/0 ACSR 6/1	1713	1549	1298	182	1334	58	25	0.04	3.56	44
8690334	8690045	3.11	227 3-	1/0 ACSR 6/1	1677	1515	1269	182	1332	58	25	0.10	3.63	99
8590050	8690334	3.16	5 1-	2 ACSR 6/1	0	0	1251	181	43	5	3	0.01	4.34	0
8590049	8590050	3.18	1 1-	2 ACSR 6/1	0	0	1244	181	12	1	1	0.00	4.34	0
8590047	8590049	3.20	0 1-	2 ACSR 6/1	0	0	1234	181	0	0	0	0.00	4.34	0
8590048	8590050	3.18	2 1-	2 ACSR 6/1	0	0	1242	181	15	1	1	0.00	4.34	0
8590022	8590050	3.21	2 1-	2 ACSR 6/1	0	0	1229	181	17	2	1	0.00	4.35	0
8590041	8590022	3.23	1 1-	2 ACSR 6/1	0	0	1223	181	6	0	0	0.00	4.35	0
8590040	8590041	3.26	0 1-	2 ACSR 6/1	0	0	1210	181	0	0	0	0.00	4.35	0
8590021	8690334	3.18	222 3-	1/0 ACSR 6/1	1648	1487	1246	181	1288	56	24	0.08	3.69	78
8590035	8590021	3.23	136 3-	1/0 ACSR 6/1	1629	1469	1230	181	784	34	15	0.03	3.72	18
8590036	8590035	3.30	134 3-	1/0 ACSR 6/1	1601	1443	1208	181	773	33	15	0.04	3.75	26
08-59-P343-B	8590036	3.30	134 3-	Closed	1601	1443	1208	181	773	33	0	0.00	3.75	0
08-59-P343-A	08-59-P343-B	3.30	134 3-	Closed	1601	1443	1208	181	773	33	0	0.00	3.75	0
8590037	08-59-P343-A	3.35	134 3-	1/0 ACSR 6/1	1580	1422	1191	180	773	33	15	0.03	3.78	21
8590051	8590037	3.38	1 1- 15 KV 2 URD XLP		0	0	1179	412	8	1	1	0.00	4.52	0
8590038	8590037	3.38	1 1-	2 ACSR 6/1	0	0	1182	180	2	0	0	0.00	0.75	0
8590052	8590037	3.42	132 3-	1/0 ACSR 6/1	1552	1397	1169	180	762	33	14	0.04	3.82	26
8590124	8590052	3.50	131 3-	1/0 ACSR 6/1	1523	1369	1146	180	754	32	14	0.05	3.86	29
8590125	8590124	3.55	130 3-	1/0 ACSR 6/1	1507	1354	1133	179	746	32	14	0.03	3.88	17
8590055	8590125	3.61	129 3-	1/0 ACSR 6/1	1484	1333	1115	179	737	32	14	0.04	3.91	23
8590113	8590055	3.67	121 3-	1/0 ACSR 6/1	1465	1315	1099	179	681	29	13	0.03	3.94	18
8590053	8590113	3.73	1 1-	2 ACSR 6/1	0	0	1082	178	15	1	1	0.00	4.71	0
8590054	8590053	3.83	1 1-	2 ACSR 6/1	0	0	1050	178	15	1	1	0.01	4.71	0
8590039	8590054	4.01	1 1- 15 KV 2 URD XLP		0	0	1001	389	15	1	1	0.01	4.72	0
8590103	8590113	3.92	120 3-	1/0 ACSR 6/1	1386	1241	1038	178	666	29	13	0.10	4.05	72
8590111	8590103	3.98	115 3-	1/0 ACSR 6/1	1366	1223	1022	177	645	28	12	0.03	4.08	19
8590112	8590111	4.04	111 3-	1/0 ACSR 6/1	1349	1207	1009	177	630	27	12	0.02	4.11	16
8590101	8590112	4.09	110 3-	1/0 ACSR 6/1	1335	1194	998	177	621	27	12	0.02	4.13	13
8590109	8590101	4.21	2 1-	2 ACSR 6/1	0	0	966	176	15	2	1	0.00	4.87	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8590106	8590101	4.18	94 3-	1/0 ACSR 6/1	1311	1172	979	176	538	23	10	0.01	4.16	19
8590108	8590106	4.21	3 1-	2 ACSR 6/1	0	0	970	176	12	1	1	0.00	6.75	0
8590095	8590108	4.33	1 1-	2 ACSR 6/1	0	0	941	175	3	0	0	0.00	6.75	0
8590107	8590106	4.25	90 3-	1/0 ACSR 6/1	1293	1155	965	176	522	22	10	0.01	4.19	14
8590117	8590107	4.39	1 1-	2 ACSR 6/1	0	0	931	175	13	1	1	0.00	4.90	0
8590096	8590107	4.28	89 3-	1/0 ACSR 6/1	1285	1148	959	176	509	22	10	0.00	4.20	6
8590094	8590096	4.42	86 3-	1/0 ACSR 6/1	1249	1114	931	175	503	22	10	0.01	4.25	27
9520103	8590094	4.48	85 3-	1/0 ACSR 6/1	1235	1101	920	175	497	21	10	0.01	4.27	12
9520104	9520103	4.54	84 3-	1/0 ACSR 6/1	1221	1088	909	174	496	21	9	0.01	4.29	11
09-52-P123-B	9520104	4.54	84 3-	Closed	1221	1088	909	174	496	21	0	0.00	4.29	0
09-52-P123-A	09-52-P123-B	4.54	84 3-	Closed	1221	1088	909	174	496	21	0	0.00	4.29	0
9520018	09-52-P123-A	4.61	84 3-	1/0 ACSR 6/1	1204	1072	896	174	496	21	9	0.01	4.31	14
9520126	9520018	4.68	2 1- 15	KV 2 URD XLP	0	0	881	374	13	1	1	0.00	7.08	0
9520127	9520018	4.69	1 1-	2 ACSR 6/1	0	0	879	174	0	0	0	0.00	0.93	0
9520128	9520127	4.81	0 1-	2 ACSR 6/1	0	0	855	173	0	0	0	0.00	0.93	0
9520150	9520018	4.72	1 1-	2 ACSR 6/1	0	0	873	173	3	0	0	0.00	7.07	0
9520107	9520018	4.67	80 3-	1/0 ACSR 6/1	1189	1059	885	174	480	21	9	0.01	4.33	11
9520106	9520107	4.72	71 3-	1/0 ACSR 6/1	1178	1049	876	174	391	17	7	0.01	4.35	5
9520125	9520106	4.77	1 1- 15	KV 2 URD XLP	0	0	867	372	3	0	0	0.00	4.95	0
9520129	9520106	4.81	1 1-	2 ACSR 6/1	0	0	860	173	4	0	0	0.00	7.14	0
9520108	9520106	4.76	69 3-	1/0 ACSR 6/1	1169	1041	869	173	383	16	7	0.01	4.36	4
9520148	9520108	4.94	68 3-	1/0 ACSR 6/1	1133	1007	841	172	380	16	7	0.03	4.40	17
9520131	9520148	5.02	3 1-	2 ACSR 6/1	0	0	825	172	29	3	2	0.01	4.99	0
9520151	9520131	5.14	2 1-	2 ACSR 6/1	0	0	805	171	16	2	1	0.00	5.00	0
9520130	9520148	5.06	61 3-	1/0 ACSR 6/1	1109	985	823	172	340	14	7	0.01	4.43	10
9520120	9520130	5.12	1 1-	2 ACSR 6/1	0	0	811	171	12	1	1	0.00	5.00	0
9520142	9520130	5.20	58 3-	1/0 ACSR 6/1	1083	961	803	171	298	13	6	0.00	4.46	10
9520143	9520142	5.23	57 3-	1/0 ACSR 6/1	1077	956	798	171	292	12	6	0.00	4.46	2
9520021	9520143	5.30	54 3-	1/0 ACSR 6/1	1063	943	788	171	272	12	5	0.00	4.48	5
D09-52-P021	9520021	5.30	26 1-	REC-35-H	0	0	788	171	128	17	49	0.00	7.42	0
9520146	D09-52-P021	5.34	26 1-	2 ACSR 6/1	0	0	782	170	128	17	10	0.02	7.44	2
9520027	9520146	5.38	25 1-	2 ACSR 6/1	0	0	776	170	122	16	9	0.02	7.45	2
9520029	9520027	5.43	14 1-	2 ACSR 6/1	0	0	768	170	76	10	6	0.01	7.47	0
9520039	9520029	5.48	12 1-	2 ACSR 6/1	0	0	760	170	62	8	5	0.01	7.48	0
9520024	9520039	5.59	9 1-	2 ACSR 6/1	0	0	742	169	48	6	4	0.02	7.50	0
9520026	9520024	5.72	1 1-	2 ACSR 6/1	0	0	724	168	2	0	0	0.00	7.50	0
9520025	9520024	5.62	2 1-	2 ACSR 6/1	0	0	738	168	20	2	1	0.00	7.50	0
9520022	9520024	5.67	5 1-	2 ACSR 6/1	0	0	731	168	21	2	2	0.00	7.50	0
9420036	9520022	5.78	2 1- 15	KV 2 URD XLP	0	0	715	343	2	0	0	0.00	7.50	0
9520028	9520027	5.45	11 1-	2 ACSR 6/1	0	0	764	170	46	6	3	0.01	7.47	0
9520030	9520028	5.47	10 1-	2 ACSR 6/1	0	0	761	170	45	6	3	0.00	7.47	0
9520032	9520030	5.49	2 1-	2 ACSR 6/1	0	0	758	169	10	1	1	0.00	7.47	0
9520036	9520032	5.51	1 1-	2 ACSR 6/1	0	0	754	169	4	0	0	0.00	7.47	0
9520031	9520030	5.68	8 1-	2 ACSR 6/1	0	0	730	168	34	4	3	0.02	7.50	0
9520023	9520031	5.74	7 1-	2 ACSR 6/1	0	0	721	168	28	3	2	0.01	7.50	0
9520020	9520023	5.82	5 1- 15	KV 2 URD XLP	0	0	709	342	23	3	2	0.01	7.51	0
9520141	9520020	5.87	4 1- 15	KV 2 URD XLP	0	0	703	341	16	2	1	0.00	7.51	0
9520037	9520141	5.95	4 1-	2 ACSR 6/1	0	0	693	166	16	2	1	0.00	7.52	0
9520038	9520037	6.03	3 1-	2 ACSR 6/1	0	0	682	166	14	1	1	0.00	7.52	0
9520019	9520023	5.91	1 1-	2 ACSR 6/1	0	0	697	167	4	0	0	0.00	7.50	0
9520116	9520021	5.45	26 3-	1/0 ACSR 6/1	1037	920	768	170	111	4	2	0.01	4.49	0
9520117	9520116	5.54	26 3-	1/0 ACSR 6/1	1023	906	757	170	111	4	2	0.01	4.50	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9520118	9520117	5.60	24 3-	1/0 ACSR 6/1	1012	897	749	169	106	4	2	0.00	4.50	0
9520114	9520118	5.66	1 1-	2 ACSR 6/1	0	0	740	169	4	0	0	0.00	5.01	0
9520113	9520118	5.70	5 1-	2 ACSR 6/1	0	0	735	169	28	3	2	0.01	7.45	0
9520115	9520113	5.73	1 1-	2 ACSR 6/1	0	0	730	168	9	1	1	0.00	7.46	0
9520112	9520113	5.78	2 1-	2 ACSR 6/1	0	0	723	168	12	1	1	0.00	7.46	0
9520017	9520118	5.73	18 3-	1/0 ACSR 6/1	992	879	734	169	74	3	1	0.01	4.51	0
9520011	9520017	5.81	2 1-	15 KV 2 URD XLP	0	0	722	346	19	2	1	0.00	5.03	0
9520144	9520017	5.75	16 3-	1/0 ACSR 6/1	988	875	731	169	55	2	1	0.00	4.51	0
9520145	9520144	5.81	16 3-	1/0 ACSR 6/1	980	867	724	168	55	2	1	0.00	4.51	0
9520119	9520145	5.90	3 1-	2 ACSR 6/1	0	0	712	168	12	1	1	0.00	5.03	0
9520012	9520145	5.96	2 1-	2 ACSR 6/1	0	0	703	167	5	0	0	0.00	7.45	0
9520016	9520145	6.00	11 3-	1/0 ACSR 6/1	952	842	703	167	38	1	1	0.00	4.51	0
9420071	9520016	6.13	8 3-	1/0 ACSR 6/1	932	824	688	167	19	0	0	0.00	4.52	0
9530182	9420071	6.21	7 3-	1/0 ACSR 6/1	922	815	681	166	17	0	0	0.00	4.52	0
9530143	9530182	6.24	3 3-	1/0 ACSR 6/1	917	810	677	166	5	0	0	0.00	4.52	0
9530144	9530143	6.25	0 3-	1/0 ACSR 6/1	916	810	676	166	0	0	0	0.00	4.52	0
09-53-P002-B	9530144	6.25	0 3-	Open	916	810	676	166	0	0	0	0.00	4.52	0
9420037	9520016	6.08	2 1-	2 ACSR 6/1	0	0	692	167	15	1	1	0.00	1.07	0
9420038	9420037	6.12	1 1-	2 ACSR 6/1	0	0	687	167	8	0	1	0.00	1.07	0
9420047	9520016	6.08	1 1-	2 ACSR 6/1	0	0	692	167	4	0	0	0.00	5.03	0
9520035	9520021	5.39	1 1-	2 ACSR 6/1	0	0	774	170	15	1	1	0.00	4.99	0
9520134	9520130	5.18	2 1-	2 ACSR 6/1	0	0	801	171	30	4	2	0.01	5.01	0
9520133	9520134	5.21	1 1-	15 KV 2 URD XLP	0	0	797	360	19	2	2	0.00	5.01	0
9520149	9520148	4.99	0 1-	2 ACSR 6/1	0	0	831	172	0	0	0	0.00	7.25	0
9520164	9520148	5.09	1 1-	2 ACSR 6/1	0	0	813	171	3	0	0	0.00	4.99	0
9520105	9520107	4.71	8 1-	2 ACSR 6/1	0	0	876	173	81	10	6	0.01	7.13	0
9520124	9520105	4.73	2 1-	15 KV 2 URD XLP	0	0	874	374	19	2	2	0.00	7.13	0
9520123	9520105	4.79	4 1-	15 KV 2 URD XLP	0	0	862	371	45	6	4	0.02	7.15	0
9520122	9520123	4.80	2 1-	15 KV 2 URD XLP	0	0	859	370	24	3	2	0.00	7.15	0
9520121	9520123	4.81	2 1-	15 KV 2 URD XLP	0	0	858	370	21	2	2	0.00	7.15	0
8590105	8590101	4.14	11 1-	2 ACSR 6/1	0	0	986	176	45	5	3	0.01	4.88	0
D08-59-P096	8590105	4.14	10 1-	RCC-50-H	0	0	986	176	44	5	12	0.00	4.88	0
8590018	D08-59-P096	4.18	10 1-	2 ACSR 6/1	0	0	976	176	44	5	3	0.01	4.88	0
8590110	8590018	4.23	1 1-	2 ACSR 6/1	0	0	963	176	0	0	0	0.00	4.88	0
8590097	8590018	4.18	9 1-	2 ACSR 6/1	0	0	974	176	44	5	3	0.00	4.89	0
8590099	8590097	4.25	7 1-	2 ACSR 6/1	0	0	958	176	30	3	2	0.01	4.89	0
8590098	8590099	4.38	5 1-	2 ACSR 6/1	0	0	927	175	29	3	2	0.01	4.91	0
8590034	8590098	4.53	2 1-	2 ACSR 6/1	0	0	894	174	17	2	1	0.00	4.91	0
D08-59-P053	8590034	4.53	1 1-	FUS-25	0	0	894	174	1	0	0	0.00	4.91	0
8590127	D08-59-P053	4.74	1 1-	2 ACSR 6/1	0	0	850	172	1	0	0	0.00	4.91	0
8590033	8590098	4.42	1 1-	2 ACSR 6/1	0	0	918	174	5	0	0	0.00	4.91	0
8590132	8590033	4.54	0 1-	2 ACSR 6/1	0	0	890	173	0	0	0	0.00	4.91	0
8590032	8590098	4.43	1 1-	2 ACSR 6/1	0	0	915	174	2	0	0	0.00	4.91	0
8590100	8590099	4.33	2 1-	2 ACSR 6/1	0	0	939	175	1	0	0	0.00	4.89	0
8590102	8590101	4.13	1 1-	2 ACSR 6/1	0	0	989	176	10	1	1	0.00	4.87	0
8590104	8590103	4.00	3 1-	2 ACSR 6/1	0	0	1015	177	10	1	1	0.00	4.81	0
8590122	8590055	3.69	7 1-	2 ACSR 6/1	0	0	1089	178	56	7	4	0.02	4.69	0
8590123	8590122	3.75	6 1-	2 ACSR 6/1	0	0	1070	178	48	6	3	0.01	4.70	0
8590128	8590123	3.83	3 1-	2 ACSR 6/1	0	0	1046	177	23	2	2	0.01	4.71	0
8690308	8590128	3.90	2 1-	15 KV 2 URD XLP	0	0	1027	393	15	1	1	0.00	4.71	0
8690303	8590128	3.87	1 1-	2 ACSR 6/1	0	0	1035	177	8	1	1	0.00	4.71	0
8690302	8690303	3.93	1 1-	15 KV 2 URD XLP	0	0	1020	392	8	1	1	0.00	4.71	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8590114	8590123	3.82	2 1-	2 ACSR 6/1	0	0	1052	178	17	2	1	0.00	4.70	0
8590115	8590021	3.23	86 3-	2 ACSR 6/1	1626	1466	1228	181	503	22	12	0.03	3.71	14
8590116	8590115	3.40	85 3-	2 ACSR 6/1	1541	1384	1162	180	499	21	12	0.13	3.80	56
D08-58-P033	8590116	3.40	85 3-	REC-50-H	1541	1384	1162	180	498	21	44	0.00	3.80	0
8580040	D08-58-P033	3.45	85 3-	2 ACSR 6/1	1517	1361	1143	179	498	21	12	0.04	3.83	17
8580066	8580040	3.56	81 3-	2 ACSR 6/1	1473	1319	1109	179	472	20	12	0.08	3.88	29
8580055	8580066	3.66	80 3-	2 ACSR 6/1	1428	1276	1075	178	460	20	11	0.08	3.93	31
8580042	8580055	3.72	79 3-	2 ACSR 6/1	1406	1256	1059	177	454	19	11	0.04	3.96	35
8580044	8580042	3.90	40 1-	2 ACSR 6/1	0	0	1007	176	242	31	18	0.16	4.96	31
8580045	8580044	3.95	39 1-	2 ACSR 6/1	0	0	994	176	233	30	17	0.04	5.01	8
8580081	8580045	4.03	38 1-	2 ACSR 6/1	0	0	973	175	221	29	16	0.07	5.07	12
8590058	8580081	4.08	36 1-	2 ACSR 6/1	0	0	960	175	211	27	15	0.04	5.11	7
8590024	8590058	4.13	25 1-	2 ACSR 6/1	0	0	947	174	139	18	10	0.03	5.14	3
D08-59-P061	8590024	4.13	21 1-	FUS-25	0	0	947	174	115	15	67	0.00	5.14	0
8590126	D08-59-P061	4.17	21 1-	2 ACSR 6/1	0	0	936	174	115	15	8	0.02	5.16	2
8590046	8590126	4.23	20 1-	2 ACSR 6/1	0	0	924	174	107	14	8	0.02	5.18	2
8590027	8590046	4.28	16 1-	2 ACSR 6/1	0	0	913	173	88	11	6	0.02	5.19	1
8590029	8590027	4.33	15 1-	2 ACSR 6/1	0	0	902	173	83	10	6	0.01	5.21	0
8590030	8590029	4.37	13 1-	2 ACSR 6/1	0	0	892	173	64	8	5	0.01	5.22	0
8590031	8590030	4.38	1 1-	2 ACSR 6/1	0	0	889	173	5	0	0	0.00	5.22	0
8590020	8590030	4.39	12 1-	2 ACSR 6/1	0	0	887	173	60	7	4	0.00	5.22	0
8490010	8590020	4.42	11 1-	2 ACSR 6/1	0	0	881	172	54	7	4	0.01	5.23	0
8490011	8490010	4.50	1 1-	2 ACSR 6/1	0	0	865	172	7	0	1	0.00	5.23	0
8490009	8490010	4.49	10 1-	2 ACSR 6/1	0	0	868	172	47	6	3	0.01	5.24	0
8480015	8490009	4.50	8 1-	2 ACSR 6/1	0	0	865	172	36	4	3	0.00	5.24	0
8480016	8480015	4.54	7 1-	2 ACSR 6/1	0	0	856	171	30	3	2	0.00	5.25	0
8490005	8480016	4.57	7 1-	2 ACSR 6/1	0	0	850	171	30	3	2	0.00	5.25	0
8490007	8490005	4.62	5 1-	2 ACSR 6/1	0	0	841	171	21	2	2	0.00	5.25	0
8490008	8490007	4.65	3 1-	2 ACSR 6/1	0	0	835	171	10	1	1	0.00	5.25	0
8490006	8490008	4.71	2 1-	2 ACSR 6/1	0	0	825	170	7	0	1	0.00	5.25	0
8490013	8490006	4.75	1 1-	2 ACSR 6/1	0	0	817	170	4	0	0	0.00	5.26	0
8490014	8490013	4.80	1 1-	2 ACSR 6/1	0	0	808	170	4	0	0	0.00	5.26	0
8590028	8590027	4.33	1 1-	2 ACSR 6/1	0	0	900	173	5	0	0	0.00	5.20	0
8590057	8590024	4.25	2 1-	2 ACSR 6/1	0	0	918	173	6	0	0	0.00	5.14	0
8580080	8590057	4.28	1 1-	2 ACSR 6/1	0	0	912	173	4	0	0	0.00	5.14	0
8590023	8590024	4.24	1 1-	2 ACSR 6/1	0	0	922	174	11	1	1	0.00	5.14	0
8590019	8590058	4.13	11 1-	2 ACSR 6/1	0	0	946	174	72	9	5	0.02	5.13	0
8590044	8590019	4.18	5 1-	2 ACSR 6/1	0	0	935	174	35	4	3	0.01	5.13	0
8590045	8590044	4.20	4 1-	2 ACSR 6/1	0	0	929	174	27	3	2	0.00	5.13	0
8590043	8590045	4.28	3 1-	2 ACSR 6/1	0	0	912	173	20	2	1	0.00	5.14	0
8590042	8590043	4.33	2 1-	2 ACSR 6/1	0	0	900	173	10	1	1	0.00	5.14	0
8590056	8590042	4.43	1 1-	2 ACSR 6/1	0	0	879	172	7	0	0	0.00	5.14	0
8590025	8590019	4.19	6 1-	2 ACSR 6/1	0	0	932	174	37	4	3	0.01	5.14	0
8590026	8590025	4.25	5 1-	2 ACSR 6/1	0	0	918	173	37	4	3	0.01	5.14	0
8590130	8590026	4.38	4 1-	2 ACSR 6/1	0	0	891	173	28	3	2	0.01	5.15	0
8590129	8590130	4.44	2 1-	2 ACSR 6/1	0	0	878	172	11	1	1	0.00	5.15	0
8590131	8590129	4.46	2 1-	2 ACSR 6/1	0	0	872	172	11	1	1	0.00	5.16	0
8580043	8580042	3.77	2 1-	2 ACSR 6/1	0	0	1042	177	16	2	1	0.00	6.42	0
8580046	8580042	3.75	37 3-	2 ACSR 6/1	1395	1245	1049	177	196	8	5	-0.01	3.96	3
8580047	8580046	3.81	33 3-	2 ACSR 6/1	1371	1283	1032	177	185	8	5	-0.01	3.98	6
8580050	8580047	3.87	32 3-	2 ACSR 6/1	1347	1200	1013	176	176	7	4	-0.01	3.99	6
8580060	8580050	3.92	28 1-	2 ACSR 6/1	0	0	1000	176	158	21	12	0.03	6.55	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
85800061	85800060	3.96	27 1-	2 ACSR 6/1	0	0	991	176	151	20	11	0.02	6.57	2
85800063	85800061	3.98	26 1-	2 ACSR 6/1	0	0	984	175	142	18	11	0.02	6.58	2
85800064	85800063	4.04	23 1-	2 ACSR 6/1	0	0	970	175	134	17	10	0.02	6.61	3
85800057	85800064	4.08	20 1-	2 ACSR 6/1	0	0	959	175	116	15	9	0.02	6.63	2
85800082	85800057	4.11	1 1-	2 ACSR 6/1	0	0	952	174	7	0	1	0.00	6.63	0
85800058	85800057	4.12	18 1-	2 ACSR 6/1	0	0	949	174	102	13	8	0.02	6.64	1
85800065	85800058	4.18	1 1-	2 ACSR 6/1	0	0	935	174	8	1	1	0.00	6.64	0
85800059	85800058	4.19	1 1-	2 ACSR 6/1	0	0	934	174	9	1	1	0.00	6.64	0
85800079	85800058	4.21	16 1-	2 ACSR 6/1	0	0	929	174	84	11	6	0.03	6.67	2
84800019	85800079	4.23	12 1-	2 ACSR 6/1	0	0	922	174	59	7	4	0.01	6.67	0
84800020	84800019	4.30	11 1-	2 ACSR 6/1	0	0	907	173	52	6	4	0.01	6.69	0
84800021	84800020	4.35	8 1-	2 ACSR 6/1	0	0	896	173	35	4	3	0.01	6.69	0
84800022	84800021	4.39	6 1-	2 ACSR 6/1	0	0	888	173	20	2	1	0.00	6.69	0
84800012	84800022	4.42	4 1-	2 ACSR 6/1	0	0	881	172	14	1	1	0.00	6.70	0
84800013	84800012	4.47	1 1-	2 ACSR 6/1	0	0	870	172	7	0	1	0.00	6.70	0
84800014	84800012	4.46	3 1-	2 ACSR 6/1	0	0	872	172	7	0	0	0.00	6.70	0
84800017	84800022	4.45	2 1-	2 ACSR 6/1	0	0	875	172	6	0	0	0.00	6.69	0
84800018	85800079	4.26	3 1-	2 ACSR 6/1	0	0	917	173	18	2	1	0.00	6.67	0
84800023	84800018	4.31	2 1-	2 ACSR 6/1	0	0	906	173	13	1	1	0.00	6.67	0
85800062	85800063	4.02	2 1-	2 ACSR 6/1	0	0	974	175	7	0	1	0.00	6.58	0
85800056	85800050	4.06	1 1-	2 ACSR 6/1	0	0	964	175	5	0	0	0.00	6.52	0
85800049	85800047	3.83	1 1-	2 ACSR 6/1	0	0	1027	177	9	1	1	0.00	4.79	0
85800048	85800047	3.85	0 1-	2 ACSR 6/1	0	0	1019	176	0	0	0	0.00	6.48	0
85800054	85800040	3.54	4 1-	2 ACSR 6/1	0	0	1115	179	27	3	2	0.01	6.20	0
85800051	85800054	3.58	3 1-	2 ACSR 6/1	0	0	1102	178	23	3	2	0.00	6.20	0
85800041	85800051	3.61	1 1-	2 ACSR 6/1	0	0	1091	178	14	1	1	0.00	6.20	0
85800052	85800051	3.84	2 1-	2 ACSR 6/1	0	0	1022	176	9	1	1	0.00	6.21	0
8690223	86900050	3.06	1 1-	2 ACSR 6/1	0	0	1283	182	9	1	1	0.00	5.66	0
8690294	86900050	3.01	3 1-	2 ACSR 6/1	0	0	1306	182	21	2	2	0.00	4.19	0
8690295	8690294	3.05	2 1-	2 ACSR 6/1	0	0	1290	182	15	1	1	0.00	4.20	0
8690293	8690295	3.09	1 1-	2 ACSR 6/1	0	0	1270	182	8	1	1	0.00	4.20	0
8690201	8690202	2.88	4 1-	2 ACSR 6/1	0	0	1353	183	23	2	2	0.00	3.99	0
8690290	8690201	2.91	2 1-	2 ACSR 6/1	0	0	1341	183	8	1	1	0.00	3.99	0
9720216	9720270	1.04	1 1-	2 ACSR 6/1	0	0	2872	192	10	1	1	0.00	1.24	0
9720217	9720216	1.09	1 1-	15 KV 2 URD XLP	0	0	2784	489	10	1	1	0.00	1.24	0
9720254	9720274	0.98	2 1-	2 ACSR 6/1	0	0	2958	193	4	0	0	0.00	1.13	0
9720250	9720226	0.78	1 1-	2 ACSR 6/1	0	0	3302	193	9	1	1	0.00	0.80	0
9720225	9720224	0.69	6 1-	2 ACSR 6/1	0	0	3512	194	17	2	1	0.00	0.71	0
9720249	9720225	0.74	2 1-	2 ACSR 6/1	0	0	3375	193	8	1	1	0.00	0.72	0
9620291	9720136	0.22	2 3-	336 ACSR 18/1	4971	4962	4813	195	35	1	0	0.00	0.16	0
CKT 2 total losses:		\$7,777												
SUB 45, CKT 3														
BK4503	SOUTHCORBIN(45)	0.00	240 3-	BK4503	5296	5343	5482	196	1176	49	26	0.00	0.00	0
9720088	BK4503	0.12	240 3-	336 3PSC	5119	5138	5098	196	1176	49	9	0.07	0.03	34
9720107	9720088	0.16	228 3-	1/0 ACSR 6/1	5008	5013	4932	195	1124	47	21	0.05	0.06	28
9720106	9720107	0.20	226 3-	1/0 ACSR 6/1	4878	4866	4743	195	1109	46	20	0.06	0.09	33
D09-72-P061	9720106	0.20	25 1-	REC-70-L	0	0	4743	195	159	20	29	0.00	0.17	0
9720145	D09-72-P061	0.31	25 1-	2 ACSR 6/1	0	0	4296	194	159	20	11	0.06	0.23	7
9720125	9720145	0.46	24 1-	2 ACSR 6/1	0	0	3720	193	157	19	11	0.09	0.32	10
9720115	9720125	0.50	22 1-	2 ACSR 6/1	0	0	3600	193	140	17	10	0.02	0.33	2
9720116	9720115	0.54	2 1-	2 ACSR 6/1	0	0	3478	192	18	2	1	0.00	0.34	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
9720117	9720116	0.59	1 1-	2 ACSR 6/1	0	0	3337	192	10	1	1	0.00	0.34	0	
9720144	9720115	0.53	19 1-	2 ACSR 6/1	0	0	3503	192	115	14	8	0.01	0.35	1	
9720131	9720144	0.57	1 1-	15 KV 2 URD XLP	0	0	3415	492	7	0	1	0.00	0.35	0	
9720118	9720144	0.62	3 1-	2 ACSR 6/1	0	0	3269	192	15	1	1	0.00	0.35	0	
9720119	9720118	0.68	1 1-	2 ACSR 6/1	0	0	3109	191	5	0	0	0.00	0.35	0	
9720078	9720144	0.63	15 1-	2 ACSR 6/1	0	0	3234	192	93	11	7	0.03	0.38	2	
9730043	9720078	0.70	4 1-	2 ACSR 6/1	0	0	3069	191	29	3	2	0.01	0.39	0	
9730044	9730043	0.78	3 1-	2 ACSR 6/1	0	0	2880	190	16	2	1	0.00	0.39	0	
9730057	9730044	0.80	1 1-	2 ACSR 6/1	0	0	2841	190	10	1	1	0.00	0.39	0	
9730056	9730044	0.82	1 1-	2 ACSR 6/1	0	0	2808	190	5	0	0	0.00	0.39	0	
9730023	9720078	0.71	11 1-	2 ACSR 6/1	0	0	3032	191	64	8	5	0.02	0.40	0	
9730046	9730023	0.84	10 1-	2 ACSR 6/1	0	0	2755	190	58	7	4	0.03	0.43	1	
9730050	9730046	0.97	9 1-	2 ACSR 6/1	0	0	2524	189	50	6	4	0.02	0.45	0	
9730051	9730050	1.03	8 1-	2 ACSR 6/1	0	0	2428	189	42	5	3	0.01	0.46	0	
9730053	9730051	1.08	3 1-	2 ACSR 6/1	0	0	2358	188	18	2	1	0.00	0.46	0	
9730052	9730051	1.15	3 1-	2 ACSR 6/1	0	0	2260	188	14	1	1	0.00	0.46	0	
9730045	9730023	0.79	1 1-	2 ACSR 6/1	0	0	2857	190	6	0	0	0.00	0.40	0	
9720120	9720106	0.24	197 3-	1/0 ACSR 6/1	4760	4733	4576	195	942	39	17	0.04	0.12	20	
9720123	9720120	0.33	188 3-	1/0 ACSR 6/1	4519	4460	4246	194	890	37	16	0.08	0.17	40	
9720124	9720123	0.52	188 3-	1/0 ACSR 6/1	4059	3946	3663	193	890	37	16	0.18	0.28	85	
9720129	9720124	0.61	2 1-	15 KV 2 URD XLP	0	0	3437	495	11	1	1	0.00	0.28	0	
9720130	9720129	0.66	1 1-	15 KV 2 URD XLP	0	0	3314	491	5	0	0	0.00	0.28	0	
9720127	9720124	0.54	3 1-	15 KV 2 URD XLP	0	0	3627	500	22	2	2	0.00	0.28	0	
9720128	9720127	0.56	2 1-	15 KV 2 URD XLP	0	0	3572	499	16	1	1	0.00	0.28	0	
9720090	9720124	0.55	183 3-	1/0 ACSR 6/1	3991	3871	3581	193	857	36	16	0.03	0.30	13	
9720221	9720090	0.59	182 3-	1/0 ACSR 6/1	3907	3778	3481	193	849	35	16	0.04	0.32	17	
9720215	9720221	0.62	5 1-	15 KV 2 URD XLP	0	0	3411	496	31	3	2	0.00	0.54	0	
9720218	9720215	0.65	4 1-	15 KV 2 URD XLP	0	0	3333	494	26	3	2	0.00	0.55	0	
9720219	9720218	0.75	2 1-	15 KV 2 URD XLP	0	0	3105	487	14	1	1	0.00	0.55	0	
9720220	9720221	0.63	2 1-	15 KV 2 URD XLP	0	0	3382	495	10	1	1	0.00	0.54	0	
9720222	9720221	0.61	175 3-	1/0 ACSR 6/1	3862	3729	3428	193	808	34	15	0.02	0.33	8	
9720086	9720222	0.69	173 3-	1/0 ACSR 6/1	3715	3570	3260	193	793	33	15	0.06	0.37	27	
9720079	9720086	0.71	2 1-	2 ACSR 6/1	0	0	3205	192	7	0	1	0.00	0.35	0	
D09-72-P288	9720079	0.71	2 1-	FUS-30	0	0	3205	192	7	0	3	0.00	0.35	0	
9720281	D09-72-P288	0.91	2 1-	2 ACSR 6/1	0	0	2773	191	7	0	1	0.00	0.35	0	
9720080	9720086	0.81	4 1-	2 ACSR 6/1	0	0	2970	192	37	4	3	0.01	0.64	0	
9720081	9720080	0.90	2 1-	2 ACSR 6/1	0	0	2783	191	25	3	2	0.01	0.65	0	
9720083	9720081	0.96	1 1-	2 ACSR 6/1	0	0	2678	190	10	1	1	0.00	0.65	0	
9720082	9720081	0.94	1 1-	2 ACSR 6/1	0	0	2707	190	14	1	1	0.00	0.65	0	
9720084	9720086	0.75	167 3-	1/0 ACSR 6/1	3590	3436	3120	192	748	31	14	0.05	0.41	21	
9720091	9720084	0.79	3 1-	2 ACSR 6/1	0	0	3034	192	23	2	2	0.00	0.17	0	
9720092	9720084	0.80	162 3-	1/0 ACSR 6/1	3514	3355	3036	192	715	30	13	0.03	0.43	12	
9720093	9720092	0.83	158 3-	1/0 ACSR 6/1	3456	3293	2973	192	699	29	13	0.02	0.44	9	
9720095	9720093	0.91	156 3-	1/0 ACSR 6/1	3330	3159	2838	191	681	28	13	0.05	0.48	19	
9720101	9720095	1.02	155 3-	1/0 ACSR 6/1	3152	2974	2653	191	670	28	12	0.08	0.53	29	
9820089	9720101	1.05	154 3-	1/0 ACSR 6/1	3112	2933	2613	191	667	28	12	0.02	0.54	7	
9820090	9820089	1.14	52 2-	2 ACSR 6/1	0	0	2772	2467	190	255	16	9	0.03	0.73	8
D09-82-P029	9820090	1.14	52 2-	REC-50-L	0	0	2772	2467	190	254	16	32	0.00	0.73	0
9820081	D09-82-P029	1.24	52 2-	2 ACSR 6/1	0	0	2627	2316	189	254	16	9	0.03	0.77	9
9820082	9820081	1.31	27 1-	2 ACSR 6/1	0	0	2233	189	137	17	10	0.03	0.64	3	
9820083	9820082	1.47	25 1-	2 ACSR 6/1	0	0	2045	187	129	16	9	0.08	0.72	8	
9820084	9820083	1.67	24 1-	2 ACSR 6/1	0	0	1841	186	129	16	9	0.10	0.81	10	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9820086	9820084	1.84	21 1-	2 ACSR 6/1	0	0	1700	184	120	15	8	0.07	0.89	7
9820077	9820086	1.88	20 1-	2 ACSR 6/1	0	0	1670	184	116	14	8	0.02	0.90	1
9820078	9820077	2.00	19 1-	2 ACSR 6/1	0	0	1585	183	113	14	8	0.05	0.95	4
9820091	9820078	2.09	18 1-	2 ACSR 6/1	0	0	1528	183	107	13	8	0.03	0.98	3
9820072	9820091	2.19	14 1-	2 ACSR 6/1	0	0	1464	182	89	11	6	0.03	1.02	2
8890083	9820072	2.23	13 1-	2 ACSR 6/1	0	0	1444	181	87	11	6	0.01	1.03	0
8890084	8890083	2.27	2 1-	2 ACSR 6/1	0	0	1421	181	9	1	1	0.00	1.03	0
8890085	8890083	2.25	8 1-	2 ACSR 6/1	0	0	1429	181	58	7	4	0.00	1.03	0
8890086	8890085	2.30	5 1-	2 ACSR 6/1	0	0	1401	181	39	5	3	0.01	1.04	0
8890116	8890086	2.34	2 1-	2 ACSR 6/1	0	0	1380	181	15	1	1	0.00	1.04	0
8890117	8890116	2.44	1 1-	2 ACSR 6/1	0	0	1333	180	8	1	1	0.00	1.04	0
8890115	8890086	2.35	1 1-	2 ACSR 6/1	0	0	1377	181	9	1	1	0.00	1.04	0
8890066	8890086	2.32	2 1-	2 ACSR 6/1	0	0	1390	181	16	2	1	0.00	1.04	0
8890114	8890066	2.41	0 1-	2 ACSR 6/1	0	0	1346	180	0	0	0	0.00	1.04	0
8890087	8890066	2.37	2 1-	2 ACSR 6/1	0	0	1367	180	16	2	1	0.00	1.04	0
8890154	8890087	2.41	1 1-	2 ACSR 6/1	0	0	1345	180	10	1	1	0.00	1.05	0
9820071	9820091	2.14	4 1-	2 ACSR 6/1	0	0	1492	182	18	2	1	0.00	0.99	0
9820076	9820086	1.96	1 1-	2 ACSR 6/1	0	0	1613	183	4	0	0	0.00	0.89	0
9820085	9820084	1.77	3 1-	2 ACSR 6/1	0	0	1756	185	9	1	1	0.00	0.82	0
9820108	9820085	1.80	2 1-	2 ACSR 6/1	0	0	1728	185	9	1	1	0.00	0.82	0
9820109	9820108	2.08	1 1-	2 ACSR 6/1	0	0	1534	183	6	0	0	0.00	0.82	0
9820093	9820081	1.34	24 1-	2 ACSR 6/1	0	0	2197	188	111	14	8	0.04	0.97	3
9820095	9820093	1.36	3 1-	2 ACSR 6/1	0	0	2169	188	13	1	1	0.00	0.97	0
9820110	9820095	1.41	2 1-	2 ACSR 6/1	0	0	2102	188	6	0	0	0.00	0.98	0
9820094	9820093	1.44	20 1-	2 ACSR 6/1	0	0	2073	187	90	11	6	0.03	1.01	2
9820039	9820094	1.75	17 1-	2 ACSR 6/1	0	0	1774	185	81	10	6	0.09	1.10	6
9820041	9820039	1.85	15 1-	2 ACSR 6/1	0	0	1691	184	77	9	5	0.03	1.13	2
9820099	9820041	1.91	14 1-	2 ACSR 6/1	0	0	1646	184	73	9	5	0.01	1.14	0
9820105	9820099	1.95	6 1-	2 ACSR 6/1	0	0	1616	184	25	3	2	0.00	1.15	0
9820106	9820105	2.00	5 1-	2 ACSR 6/1	0	0	1586	183	20	2	1	0.00	1.15	0
9820104	9820106	2.06	4 1-	2 ACSR 6/1	0	0	1544	183	12	1	1	0.00	1.15	0
9820073	9820104	2.10	1 1-	2 ACSR 6/1	0	0	1518	182	6	0	0	0.00	1.15	0
9820074	9820073	2.12	1 1-	2 ACSR 6/1	0	0	1510	182	6	0	0	0.00	1.15	0
9820100	9820099	1.96	5 1-	2 ACSR 6/1	0	0	1612	183	32	4	2	0.01	1.15	0
9820101	9820100	1.97	5 1-	2 ACSR 6/1	0	0	1604	183	32	4	2	0.00	1.15	0
9820103	9820101	2.01	2 1-	2 ACSR 6/1	0	0	1579	183	14	1	1	0.00	1.15	0
9820102	9820101	2.04	2 1-	2 ACSR 6/1	0	0	1558	183	12	1	1	0.00	1.15	0
9820098	9820041	2.16	1 1-	2 ACSR 6/1	0	0	1481	182	4	0	0	0.00	1.13	0
9820040	9820039	2.07	0 1-	2 ACSR 6/1	0	0	1539	183	0	0	0	0.00	1.10	0
9820097	9820039	1.85	2 1-	2 ACSR 6/1	0	0	1693	184	5	0	0	0.00	1.10	0
9820096	9820094	1.60	3 1-	2 ACSR 6/1	0	0	1908	186	8	1	1	0.00	1.01	0
9820087	9820089	1.19	102 3-	1/0 ACSR 6/1	2926	2741	2426	190	412	17	8	0.07	0.58	16
9820079	9820087	1.27	102 3-	1/0 ACSR 6/1	2826	2639	2328	189	412	17	8	0.04	0.60	9
9820080	9820079	1.36	101 3-	1/0 ACSR 6/1	2727	2538	2232	189	410	17	8	0.04	0.63	10
9820075	9820080	1.46	101 3-	1/0 ACSR 6/1	2618	2428	2128	188	409	17	8	0.05	0.65	11
9830098	9820075	1.60	100 3-	1/0 ACSR 6/1	2476	2287	1996	188	402	17	7	0.07	0.69	16
9830099	9830098	1.76	97 3-	1/0 ACSR 6/1	2335	2148	1867	187	391	16	7	0.08	0.73	16
9830107	9830099	1.80	96 3-	1/0 ACSR 6/1	2303	2116	1837	187	386	16	7	0.02	0.74	4
9830108	9830107	1.84	94 3-	1/0 ACSR 6/1	2270	2083	1808	186	382	16	7	0.02	0.76	4
9830110	9830108	1.90	2 1-	2 ACSR 6/1	0	0	1758	186	14	1	1	0.00	1.30	0
9830109	9830108	1.90	91 3-	1/0 ACSR 6/1	2226	2040	1768	186	363	15	7	0.03	0.77	5
09-83-P009-B	9830109	1.90	91 3-	Closed	2226	2040	1768	186	362	15	0	0.00	0.77	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
09-83-P009-A	09-83-P009-B	1.90	91 3-	Closed	2226	2040	1768	186	362	15	0	0.00	0.77	0
9830053	09-83-P009-A	1.95	91 3-	4/0 ACSR 6/1	2195	2010	1738	186	362	15	5	0.02	0.78	2
9830092	9830053	2.01	88 3-	4/0 ACSR 6/1	2163	1980	1707	186	354	15	4	0.02	0.78	2
9830093	9830092	2.08	86 3-	4/0 ACSR 6/1	2126	1943	1671	185	343	14	4	0.02	0.79	3
9830094	9830093	2.12	3 1-	2 ACSR 6/1	0	0	1644	185	13	1	1	0.00	0.53	0
9830054	9830093	2.09	83 3-	4/0 ACSR 6/1	2122	1939	1667	185	330	14	4	0.00	0.79	0
9830096	9830054	2.31	83 3-	4/0 ACSR 6/1	2012	1834	1562	185	330	14	4	0.07	0.82	9
9830115	9830096	2.34	2 1-	2 ACSR 6/1	0	0	1546	184	8	1	1	0.00	0.53	0
9830097	9830096	2.37	1 1-	2 ACSR 6/1	0	0	1526	184	0	0	0	0.00	0.53	0
9830095	9830096	2.36	80 3-	4/0 ACSR 6/1	1988	1811	1539	185	322	13	4	0.02	0.83	2
9830067	9830095	2.46	79 3-	4/0 ACSR 6/1	1944	1769	1499	184	319	13	4	0.03	0.84	4
9830068	9830067	2.50	78 3-	4/0 ACSR 6/1	1925	1751	1481	184	317	13	4	0.01	0.84	2
9830069	9830068	2.58	77 3-	4/0 ACSR 6/1	1893	1721	1451	184	315	13	4	0.02	0.85	3
D09-83-P047	9830069	2.58	32 1-	REC-70-L	0	0	1451	184	123	15	22	0.00	1.54	0
9830075	D09-83-P047	2.65	32 1-	2 ACSR 6/1	0	0	1415	183	123	15	9	0.03	1.56	3
9840073	9830075	2.73	31 1-	2 ACSR 6/1	0	0	1371	183	115	14	8	0.04	1.60	3
9840071	9840073	2.79	26 1-	2 ACSR 6/1	0	0	1345	182	99	12	7	0.02	1.62	2
9840079	9840071	2.81	20 1-	2 ACSR 6/1	0	0	1332	182	72	9	5	0.01	1.63	0
9840077	9840079	2.91	16 1-	2 ACSR 6/1	0	0	1289	181	57	7	4	0.02	1.64	0
9840087	9840077	2.95	13 1-	2 ACSR 6/1	0	0	1271	181	37	4	3	0.01	1.65	0
9840078	9840087	2.98	1 1-	2 ACSR 6/1	0	0	1258	181	0	0	0	0.00	1.65	0
9840085	9840087	3.04	11 1-	2 ACSR 6/1	0	0	1232	180	32	4	2	0.01	1.66	0
9840070	9840085	3.05	0 1-	2 ACSR 6/1	0	0	1228	180	0	0	0	0.00	1.66	0
09-84-P009-B	9840070	3.05	0 1-	Open	0	0	1228	180	0	0	0	0.00	1.66	0
9840086	9840085	3.12	10 1-	2 ACSR 6/1	0	0	1202	180	29	3	2	0.01	1.66	0
9840080	9840086	3.18	6 1-	2 ACSR 6/1	0	0	1180	179	20	2	1	0.00	1.67	0
9840081	9840080	3.25	4 1-	2 ACSR 6/1	0	0	1155	179	10	1	1	0.00	1.67	0
9840082	9840081	3.28	3 1-	2 ACSR 6/1	0	0	1142	179	8	1	1	0.00	1.67	0
9840084	9840082	3.40	1 1-	2 ACSR 6/1	0	0	1104	178	2	0	0	0.00	1.67	0
9840106	9840084	3.48	0 1-	2 ACSR 6/1	0	0	1077	177	0	0	0	0.00	1.67	0
9840083	9840082	3.34	1 1-	2 ACSR 6/1	0	0	1122	178	3	0	0	0.00	1.67	0
9840076	9840077	2.96	1 1-	2 ACSR 6/1	0	0	1267	181	2	0	0	0.00	1.64	0
9840072	9840071	2.83	6 1-	2 ACSR 6/1	0	0	1325	182	27	3	2	0.00	1.62	0
9840075	9840072	2.94	3 1-	2 ACSR 6/1	0	0	1274	181	12	1	1	0.00	1.63	0
9740029	9840075	2.97	2 1-	2 ACSR 6/1	0	0	1262	181	8	1	1	0.00	1.63	0
9740030	9740029	3.01	1 1-	2 ACSR 6/1	0	0	1246	181	5	0	0	0.00	1.63	0
9740028	9840075	2.98	1 1-	2 ACSR 6/1	0	0	1257	181	4	0	0	0.00	1.63	0
9840074	9840073	2.78	1 1-	2 ACSR 6/1	0	0	1348	182	3	0	0	0.00	1.60	0
9830104	9830069	3.10	43 3-	4/0 ACSR 6/1	1698	1537	1276	182	192	8	2	0.06	0.89	9
9730060	9830104	3.23	0 1-	2 ACSR 6/1	0	0	1223	181	0	0	0	0.00	1.60	0
9730059	9830104	3.21	43 3-	4/0 ACSR 6/1	1662	1503	1244	182	192	8	2	0.01	0.90	2
9730027	9730059	3.33	42 3-	4/0 ACSR 6/1	1624	1468	1211	181	184	7	2	0.01	0.90	2
D09-73-P019	9730027	3.33	15 3-	REC-50-H	0	0	1211	181	89	11	23	0.00	0.62	0
9730028	D09-73-P019	3.41	15 1-	2 ACSR 6/1	0	0	1181	181	89	11	6	0.03	0.64	2
9730039	9730028	3.46	1 1-	2 ACSR 6/1	0	0	1165	180	3	0	0	0.00	0.64	0
9730038	9730028	3.45	13 1-	2 ACSR 6/1	0	0	1168	180	81	10	6	0.01	0.65	0
9730025	9730038	3.64	13 1-	2 ACSR 6/1	0	0	1103	179	81	10	6	0.06	0.71	4
9730049	9730025	3.70	3 1-	2 ACSR 6/1	0	0	1083	179	14	1	1	0.00	0.71	0
9730040	9730025	3.73	1 1-	2 ACSR 6/1	0	0	1076	178	8	1	1	0.00	0.71	0
9730026	9730025	3.68	9 1-	2 ACSR 6/1	0	0	1091	179	59	7	4	0.01	0.72	0
9730047	9730026	3.73	7 1-	2 ACSR 6/1	0	0	1076	178	46	5	3	0.01	0.73	0
9730048	9730047	3.76	4 1-	2 ACSR 6/1	0	0	1067	178	30	3	2	0.00	0.73	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9730037	9730048	3.84	3 1-	2 ACSR 6/1	0	0	1043	178	19	2	1	0.00	0.73	0
9730034	9730037	4.11	2 1-	2 ACSR 6/1	0	0	968	176	11	1	1	0.01	0.74	0
9730035	9730026	3.77	2 1-	2 ACSR 6/1	0	0	1063	178	13	1	1	0.00	0.72	0
9730036	9730035	3.81	1 1-	2 ACSR 6/1	0	0	1050	178	6	0	0	0.00	0.72	0
9730041	9730036	3.89	1 1-	2 ACSR 6/1	0	0	1029	177	6	0	0	0.00	0.72	0
9730024	9730038	3.49	0 1-	2 ACSR 6/1	0	0	1155	180	0	0	0	0.00	0.65	0
9730031	9730027	3.36	24 3-	4/0 ACSR 6/1	1615	1459	1203	181	82	3	1	0.00	0.91	0
9730032	9730031	3.39	24 3-	4/0 ACSR 6/1	1607	1452	1196	181	82	3	1	0.00	0.91	0
9730030	9730032	3.51	20 3-	4/0 ACSR 6/1	1571	1418	1165	181	67	2	1	0.01	0.91	0
9740033	9730030	3.54	4 1-	2 ACSR 6/1	0	0	1155	180	8	0	1	0.00	0.62	0
9740023	9730030	3.59	16 3-	4/0 ACSR 6/1	1550	1398	1147	180	59	2	1	0.00	0.91	0
9740034	9740023	3.63	4 1-	2 ACSR 6/1	0	0	1131	180	8	0	1	0.00	0.49	0
9740035	9740034	3.66	3 1-	2 ACSR 6/1	0	0	1124	180	7	0	1	0.00	0.49	0
9740036	9740035	3.78	2 1-	2 ACSR 6/1	0	0	1084	179	5	0	0	0.00	0.49	0
9730042	9740036	3.82	1 1-	2 ACSR 6/1	0	0	1072	179	1	0	0	0.00	0.49	0
9740031	9740023	3.71	2 1-	2 ACSR 6/1	0	0	1104	179	17	2	1	0.01	1.64	0
9740032	9740031	3.77	1 1-	2 ACSR 6/1	0	0	1087	179	7	0	1	0.00	1.64	0
9740020	9740023	3.77	10 3-	4/0 ACSR 6/1	1501	1353	1106	180	35	1	0	0.01	0.91	0
9740037	9740020	3.83	1 1-	2 ACSR 6/1	0	0	1085	179	5	0	0	0.00	0.49	0
9740021	9740020	3.81	9 3-	4/0 ACSR 6/1	1489	1342	1095	180	29	1	0	0.00	0.91	0
9740038	9740021	3.87	1 1-	2 ACSR 6/1	0	0	1078	179	2	0	0	0.00	1.64	0
9740022	9740021	3.86	8 3-	4/0 ACSR 6/1	1478	1331	1085	180	28	1	0	0.00	0.91	0
9740026	9740022	3.89	2 1-	2 ACSR 6/1	0	0	1076	179	3	0	0	0.00	0.49	0
9740027	9740026	3.96	1 1-	2 ACSR 6/1	0	0	1056	179	2	0	0	0.00	0.49	0
9740025	9740022	3.92	2 1-	2 ACSR 6/1	0	0	1066	179	14	1	1	0.00	1.65	0
9740024	9740022	3.96	4 3-	4/0 ACSR 6/1	1451	1307	1063	179	10	0	0	0.00	0.91	0
9640066	9740024	3.99	3 1-	2 ACSR 6/1	0	0	1054	179	8	1	1	0.00	1.65	0
9640068	9640066	4.05	2 1-	2 ACSR 6/1	0	0	1038	179	5	0	0	0.00	1.65	0
9640130	9740024	4.05	0 3-	4/0 ACSR 6/1	1430	1287	1046	179	0	0	0	0.00	0.91	0
09-64-P027-A	9640130	4.05	0 3-	Open	1430	1287	1046	179	0	0	0	0.00	0.91	0
9730029	9730032	3.44	1 1-	2 ACSR 6/1	0	0	1178	181	4	0	0	0.00	0.48	0
9730033	9730031	3.39	0 1-	2 ACSR 6/1	0	0	1191	181	0	0	0	0.00	0.48	0
9830070	9830069	2.63	1 1-	2 ACSR 6/1	0	0	1423	183	0	0	0	0.00	1.54	0
9830089	9830053	2.00	3 1-	2 ACSR 6/1	0	0	1702	186	9	1	1	0.00	0.47	0
9830090	9830089	2.06	1 1-	2 ACSR 6/1	0	0	1655	185	6	0	0	0.00	0.47	0
9830091	9830090	2.11	1 1-	2 ACSR 6/1	0	0	1623	185	6	0	0	0.00	0.47	0
9830055	9830053	1.96	0 3-	4/0 ACSR 6/1	2189	2004	1732	186	0	0	0	0.00	0.78	0
09-83-P010-A	9830055	1.96	0 3-	Open	2189	2004	1732	186	0	0	0	0.00	0.78	0
9830105	9830099	1.81	1 1-	2 ACSR 6/1	0	0	1825	186	5	0	0	0.00	1.26	0
9830106	9830105	1.85	1 1-	2 ACSR 6/1	0	0	1793	186	5	0	0	0.00	1.26	0
9830100	9830098	1.65	1 1-	2 ACSR 6/1	0	0	1948	187	5	0	0	0.00	0.39	0
9820088	9820087	1.25	0 1-	2 ACSR 6/1	0	0	2344	189	0	0	0	0.00	0.50	0
9820092	9720101	1.19	1 1-	2 ACSR 6/1	0	0	2381	189	3	0	0	0.00	0.49	0
9720094	9720093	0.88	2 1-	2 ACSR 6/1	0	0	2866	191	17	2	1	0.00	0.73	0
9720085	9720090	0.63	1 1-	2 ACSR 6/1	0	0	3375	193	7	0	1	0.00	0.29	0
9720121	9720120	0.28	8 1-	2 ACSR 6/1	0	0	4415	195	46	5	3	0.01	0.13	0
9720122	9720121	0.35	5 1-	2 ACSR 6/1	0	0	4160	194	34	4	2	0.01	0.14	0
9720133	9720122	0.41	4 1-	2 ACSR 6/1	0	0	3931	194	28	3	2	0.00	0.14	0
9720134	9720133	0.43	2 1-	2 ACSR 6/1	0	0	3865	193	11	1	1	0.00	0.14	0
9720126	9720106	0.25	3 1-	2 ACSR 6/1	0	0	4537	195	6	0	0	0.00	0.10	0
9720105	9720107	0.18	1 1-	2 ACSR 6/1	0	0	4830	195	11	1	1	0.00	0.07	0
9720104	9720088	0.14	9 1-	2 ACSR 6/1	0	0	5011	195	45	5	3	0.00	-0.01	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D09-72-P051	9720104	0.14	7 1-	FUS-40	0	0	5011	195	41	5	14	0.00	-0.01	0
9720214	D09-72-P051	0.24	7 1-	2 ACSR 6/1	0	0	4522	195	41	5	3	0.01	0.01	0
9720135	9720214	0.27	3 1-	2 ACSR 6/1	0	0	4389	194	19	2	1	0.00	0.01	0
9720102	9720088	0.15	3 1-	2 ACSR 6/1	0	0	4975	195	6	0	0	0.00	-0.01	0
9720103	9720102	0.19	2 1-	2 ACSR 6/1	0	0	4780	195	5	0	0	0.00	-0.01	0
CKT 3 total losses:		\$638												
SUB 45, CKT 4														
BK4504	SOUTHCORBIN(45)	0.00	639 3-	BK4504	5296	5343	5482	196	3071	128	34	0.00	0.00	0
9720087	BK4504	0.03	639 3-	336 3PSC	5248	5289	5376	196	3071	128	24	0.02	0.02	49
9720099	9720087	0.06	3 3-	2 ACSR 6/1	5161	5194	5234	196	22	0	1	0.00	0.02	0
9720100	9720099	0.10	1 3-	2 ACSR 6/1	5011	5025	4997	195	4	0	0	0.00	0.02	0
9720279	9720100	0.15	0 1-	2 ACSR 6/1	0	0	4781	195	0	0	0	0.00	0.03	0
9720096	9720087	0.08	636 3-	336 3PSC	5185	5216	5239	196	3049	127	24	0.03	0.05	65
9720112	9720096	0.16	635 3-	336 3PSC	5064	5072	4985	196	3046	127	24	0.06	0.10	128
9720113	9720112	0.20	635 3-	336 3PSC	5013	5012	4882	195	3045	127	24	0.03	0.12	55
9720280	9720113	0.26	635 3-	336 3PSC	4927	4908	4711	195	3044	127	24	0.05	0.16	96
9620320	9720280	0.32	635 3-	336 ACSR 18/1	4813	4775	4544	195	3044	127	24	0.04	0.20	83
9620295	9620320	0.37	635 3-	336 ACSR 18/1	4710	4656	4395	195	3043	127	24	0.04	0.23	79
9620216	9620295	0.43	635 3-	336 ACSR 18/1	4601	4532	4243	195	3042	127	24	0.04	0.27	86
9620217	9620216	0.65	635 3-	336 ACSR 18/1	4229	4113	3747	194	3041	127	24	0.16	0.41	328
9620201	9620217	0.70	635 3-	1/0 ACSR 6/1	4118	3991	3615	194	3038	127	55	0.11	0.51	238
9620215	9620201	0.74	632 3-	1/0 ACSR 6/1	4029	3895	3512	194	3031	127	55	0.09	0.59	196
9620272	9620215	0.80	629 3-	1/0 ACSR 6/1	3909	3765	3376	194	3019	126	55	0.12	0.70	272
9620273	9620272	0.85	628 3-	1/0 ACSR 6/1	3821	3670	3277	193	3015	126	55	0.09	0.78	209
20850266	9620273	0.89	627 3-	1/0 ACSR 6/1	3736	3578	3184	193	3008	126	55	0.09	0.87	208
20850082	20850266	0.96	1 1-	2 ACSR 6/1	0	0	3039	193	4	0	0	0.00	0.98	0
9620227	20850266	0.94	626 3-	1/0 ACSR 6/1	3651	3488	3092	193	3002	126	55	0.10	0.96	215
9620228	9620227	1.03	626 3-	1/0 ACSR 6/1	3490	3317	2923	192	3000	126	55	0.19	1.13	428
9620229	9620228	1.09	2 1-	2 ACSR 6/1	0	0	2805	192	9	1	1	0.00	1.27	0
9620034	9620228	1.11	624 3-	1/0 ACSR 6/1	3354	3174	2783	192	2987	125	55	0.17	1.29	386
9620230	9620034	1.18	0 1-	2 ACSR 6/1	0	0	2674	191	0	0	0	0.00	1.44	0
9620231	9620034	1.20	624 3-	1/0 ACSR 6/1	3228	3043	2657	191	2984	125	55	0.17	1.44	380
9620232	9620231	1.25	622 3-	1/0 ACSR 6/1	3148	2961	2578	191	2973	125	55	0.11	1.54	254
20850081	9620232	1.27	1 1-	2 ACSR 6/1	0	0	2551	191	6	0	0	0.00	1.72	0
9620309	20850081	1.47	1 1-	2 ACSR 6/1	0	0	2267	189	6	0	0	0.00	1.72	0
9620233	9620232	1.30	621 3-	1/0 ACSR 6/1	3086	2897	2517	191	2965	125	55	0.09	1.62	203
9620311	9620233	1.31	1 1-	2 ACSR 6/1	0	0	2492	191	1	0	0	0.00	1.81	0
9620312	9620311	1.46	0 1- 15	2 URD XLP	0	0	2298	471	0	0	0	0.00	1.81	0
9620317	9620312	1.55	0 1- 15	2 URD XLP	0	0	2191	465	0	0	0	0.00	1.81	0
9620316	9620317	1.64	0 1- 15	2 URD XLP	0	0	2085	459	0	0	0	0.00	1.81	0
9620315	9620316	1.72	0 1- 15	2 URD XLP	0	0	1996	453	0	0	0	0.00	1.81	0
9620314	9620316	1.67	0 1- 15	2 URD XLP	0	0	2051	457	0	0	0	0.00	1.81	0
20850079	9620233	1.38	620 3-	1/0 ACSR 6/1	2977	2786	2412	190	2963	125	54	0.17	1.78	377
D09-62-P032	20850079	1.38	20 1-	FUS-60	0	0	2412	190	137	17	29	0.00	2.10	0
9620033	D09-62-P032	1.44	20 1-	2 ACSR 6/1	0	0	2326	190	137	17	10	0.03	2.13	3
20850080	9620033	1.47	1 1-	2 ACSR 6/1	0	0	2287	190	10	1	1	0.00	2.13	0
9620294	9620033	1.60	19 1-	2 ACSR 6/1	0	0	2134	189	127	16	9	0.07	2.20	7
9630191	9620294	1.70	15 1-	2 ACSR 6/1	0	0	2015	188	92	11	7	0.03	2.24	2
9630184	9630191	1.74	13 1-	2 ACSR 6/1	0	0	1980	188	76	9	5	0.01	2.25	0
9630197	9630184	1.78	12 1- 15	2 URD XLP	0	0	1937	457	69	8	5	0.02	2.26	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9630198	9630197	1.84	11 1-	15 KV 2 URD XLP	0	0	1883	453	53	6	4	0.01	2.28	0
9630196	9630198	1.91	8 1-	15 KV 2 URD XLP	0	0	1825	449	43	5	3	0.01	2.29	0
9630195	9630196	1.97	2 1-	15 KV 2 URD XLP	0	0	1776	446	13	1	1	0.00	2.29	0
9630193	9630195	2.00	0 1-	15 KV 2 URD XLP	0	0	1749	443	0	0	0	0.00	2.29	0
9630192	9630195	2.01	1 1-	15 KV 2 URD XLP	0	0	1744	443	5	0	0	0.00	2.29	0
9630194	9630196	1.98	4 1-	15 KV 2 URD XLP	0	0	1765	445	22	2	2	0.01	2.29	0
9530244	9630194	2.03	2 1-	15 KV 2 URD XLP	0	0	1722	441	8	1	1	0.00	2.29	0
9530243	9530244	2.09	1 1-	15 KV 2 URD XLP	0	0	1683	438	4	0	0	0.00	2.30	0
9630183	9630191	1.80	1 1-	2 ACSR 6/1	0	0	1921	187	8	1	1	0.00	2.24	0
9630190	9620294	1.69	4 1-	2 ACSR 6/1	0	0	2028	188	35	4	2	0.01	2.21	0
9630186	9630190	1.74	1 1-	2 ACSR 6/1	0	0	1975	188	8	1	1	0.00	2.21	0
9630185	9630190	1.81	1 1-	2 ACSR 6/1	0	0	1912	187	18	2	1	0.00	2.22	0
9620308	20850079	1.42	2 1-	2 ACSR 6/1	0	0	2351	190	10	1	1	0.00	1.98	0
9620307	20850079	1.59	597 3-	1/0 ACSR 6/1	2727	2532	2178	189	2812	119	52	0.45	2.15	870
9520140	9620307	1.65	1 1-	2 ACSR 6/1	0	0	2115	189	4	0	0	0.00	2.48	0
9530196	9520140	1.67	1 1-	2 ACSR 6/1	0	0	2091	189	4	0	0	0.00	2.48	0
9530223	9530196	1.73	1 1-	15 KV 2 URD XLP	0	0	2030	463	4	0	0	0.00	2.48	0
9520159	9620307	1.65	596 3-	1/0 ACSR 6/1	2668	2473	2124	189	2800	118	52	0.12	2.24	225
9520132	9520159	1.69	595 3-	1/0 ACSR 6/1	2617	2423	2078	189	2797	118	52	0.10	2.33	200
D09-53-P281	9520132	1.69	5 1-	FUS-60	0	0	2078	189	30	3	6	0.00	2.66	0
9530155	D09-53-P281	1.72	5 1-	2 ACSR 6/1	0	0	2050	189	30	3	2	0.00	2.66	0
9530224	9530155	1.77	2 1-	15 KV 2 URD XLP	0	0	2005	463	13	1	1	0.00	2.66	0
9530156	9530155	1.77	2 1-	2 ACSR 6/1	0	0	2000	188	12	1	1	0.00	2.66	0
9530195	9530156	1.84	1 1-	2 ACSR 6/1	0	0	1929	188	4	0	0	0.00	2.66	0
9530202	9520132	1.73	587 3-	1/0 ACSR 6/1	2585	2390	2049	189	2758	117	51	0.07	2.39	130
D09-53-P280A	9530202	1.73	15 1-	REC-50-L	0	0	2049	189	68	8	17	0.00	2.72	0
9530218	D09-53-P280A	1.86	15 1-	2 ACSR 6/1	0	0	1916	188	68	8	5	0.03	2.76	2
9520147	9530218	1.94	10 1-	2 ACSR 6/1	0	0	1846	187	43	5	3	0.01	2.77	0
9520154	9520147	1.97	3 1-	2 ACSR 6/1	0	0	1816	187	11	1	1	0.00	2.77	0
9520155	9520154	2.03	1 1-	2 ACSR 6/1	0	0	1769	186	5	0	0	0.00	2.77	0
9520013	9520147	2.00	7 1-	2 ACSR 6/1	0	0	1792	186	32	4	2	0.01	2.78	0
9520161	9520013	2.05	1 1-	2 ACSR 6/1	0	0	1753	186	5	0	0	0.00	2.78	0
9520014	9520013	2.09	6 1-	2 ACSR 6/1	0	0	1719	186	27	3	2	0.01	2.79	0
9520156	9520014	2.13	2 1-	2 ACSR 6/1	0	0	1693	185	11	1	1	0.00	2.79	0
9520162	9520014	2.16	1 1-	2 ACSR 6/1	0	0	1664	185	0	0	0	0.00	2.79	0
9520015	9520014	2.15	3 1-	2 ACSR 6/1	0	0	1672	185	16	2	1	0.00	2.79	0
9520157	9520015	2.18	2 1-	2 ACSR 6/1	0	0	1650	185	10	1	1	0.00	2.79	0
9520163	9520157	2.24	1 1-	2 ACSR 6/1	0	0	1610	185	8	1	1	0.00	2.79	0
9520152	9520015	2.26	1 1-	2 ACSR 6/1	0	0	1595	184	6	0	0	0.00	2.79	0
9520165	9530218	1.91	4 1-	2 ACSR 6/1	0	0	1867	187	23	2	2	0.00	2.76	0
9520153	9520165	1.98	1 1-	2 ACSR 6/1	0	0	1810	187	0	0	0	0.00	2.76	0
9520160	9520165	1.94	1 1-	2 ACSR 6/1	0	0	1840	187	8	1	1	0.00	2.76	0
D09-53-P280	9530202	1.73	92 3-	REC-35-L	2585	2390	2049	189	369	15	45	0.00	2.39	0
9530219	D09-53-P280	1.78	92 3-	2 ACSR 6/1	2527	2332	1997	188	369	15	9	0.00	2.40	8
9530245	9530219	1.85	90 3-	2 ACSR 6/1	2445	2249	1925	188	360	15	9	0.00	2.43	11
9530205	9530245	1.87	2 1-	2 ACSR 6/1	0	0	1902	187	8	1	1	0.00	2.73	0
9530021	9530245	1.90	88 3-	2 ACSR 6/1	2392	2195	1879	187	351	15	8	0.00	2.45	7
9530207	9530021	1.95	17 1-	2 ACSR 6/1	0	0	1836	187	64	8	5	0.01	2.85	0
9530208	9530207	2.00	1 1-	2 ACSR 6/1	0	0	1795	186	1	0	0	0.00	2.85	0
9530209	9530207	2.00	12 1-	2 ACSR 6/1	0	0	1795	186	45	5	3	0.01	2.85	0
9530210	9530209	2.05	9 1-	2 ACSR 6/1	0	0	1751	186	38	4	3	0.01	2.86	0
9530211	9530210	2.07	8 1-	2 ACSR 6/1	0	0	1735	186	33	4	2	0.00	2.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9530213	9530211	2.11	6 1-	2 ACSR 6/1	0	0	1701	186	29	3	2	0.00	2.87	0
9530214	9530213	2.15	5 1-	2 ACSR 6/1	0	0	1678	185	24	3	2	0.00	2.87	0
9530241	9530214	2.19	4 1- 15 KV	2 URD XLP	0	0	1647	442	22	2	2	0.00	2.88	0
9530242	9530241	2.26	3 1- 15 KV	2 URD XLP	0	0	1598	438	19	2	1	0.01	2.88	0
9530226	9530242	2.30	2 1- 15 KV	2 URD XLP	0	0	1576	436	14	1	1	0.00	2.88	0
9530247	9530226	2.33	1 1- 15 KV	2 URD XLP	0	0	1553	434	4	0	0	0.00	2.88	0
9630129	9530247	2.35	1 1- 15 KV	2 URD XLP	0	0	1539	433	4	0	0	0.00	2.88	0
9530215	9530214	2.29	1 1-	2 ACSR 6/1	0	0	1577	184	2	0	0	0.00	2.87	0
9530212	9530211	2.12	2 1-	2 ACSR 6/1	0	0	1697	185	4	0	0	0.00	2.86	0
9530206	9530021	1.94	1 1-	2 ACSR 6/1	0	0	1844	187	4	0	0	0.00	2.73	0
9530232	9530021	2.11	70 3-	2 ACSR 6/1	2182	1987	1701	186	283	12	7	0.02	2.51	17
9530186	9530232	2.14	1 1- 15 KV	2 URD XLP	0	0	1685	445	5	0	0	0.00	1.84	0
9530183	9530232	2.24	1 1- 15 KV	2 URD XLP	0	0	1610	439	7	0	1	0.00	2.94	0
9530184	9530232	2.24	0 1-	2 ACSR 6/1	0	0	1609	185	0	0	0	0.00	2.94	0
9530181	9530232	2.16	4 1-	2 ACSR 6/1	0	0	1669	185	31	4	2	0.00	2.94	0
9530197	9530181	2.27	2 1-	2 ACSR 6/1	0	0	1587	184	20	2	1	0.01	2.95	0
9530198	9530197	2.31	1 1-	2 ACSR 6/1	0	0	1564	184	12	1	1	0.00	2.95	0
9530225	9530198	2.36	1 1- 15 KV	2 URD XLP	0	0	1532	434	12	1	1	0.00	2.95	0
9530216	9530232	2.17	3 1-	2 ACSR 6/1	0	0	1662	185	9	1	1	0.00	2.94	0
9530201	9530216	2.21	3 1-	2 ACSR 6/1	0	0	1632	185	9	1	1	0.00	2.94	0
9530233	9530232	2.20	60 3-	2 ACSR 6/1	2108	1914	1639	185	230	9	6	0.01	2.53	4
9530227	9530233	2.24	58 3-	2 ACSR 6/1	2075	1881	1611	185	224	9	5	0.01	2.54	2
9530228	9530227	2.30	57 3-	2 ACSR 6/1	2025	1833	1570	184	222	9	5	0.01	2.55	3
9530234	9530228	2.35	56 3-	2 ACSR 6/1	1985	1794	1537	184	214	9	5	0.01	2.57	2
9530235	9530234	2.42	54 3-	2 ACSR 6/1	1933	1744	1495	183	198	8	5	0.01	2.58	2
9530190	9530235	2.46	1 1- 15 KV	2 URD XLP	0	0	1471	430	12	1	1	0.00	1.92	0
9530020	9530235	2.52	53 3-	2 ACSR 6/1	1863	1676	1438	182	186	7	4	0.02	2.60	3
D09-53-P032	9530020	2.52	6 1-	FUS	0	0	1438	182	16	2	47	0.00	2.82	0
9530152	D09-53-P032	2.57	6 1-	2 ACSR 6/1	0	0	1410	182	16	2	1	0.00	2.82	0
9530153	9530152	2.63	3 1-	2 ACSR 6/1	0	0	1381	182	13	1	1	0.00	2.82	0
9530246	9530153	2.69	1 1-	2 ACSR 6/1	0	0	1350	181	2	0	0	0.00	2.82	0
9530154	9530153	2.67	1 1-	2 ACSR 6/1	0	0	1358	181	9	1	1	0.00	2.83	0
9530236	9530153	2.68	1 1-	2 ACSR 6/1	0	0	1355	181	2	0	0	0.00	2.82	0
9530151	9530152	2.62	2 1-	2 ACSR 6/1	0	0	1383	182	3	0	0	0.00	2.82	0
9530162	9530020	2.61	31 3-	2 ACSR 6/1	1805	1621	1391	182	106	4	3	0.02	2.61	1
9530169	9530162	2.69	22 1-	2 ACSR 6/1	0	0	1348	181	64	8	5	0.02	1.98	0
9530220	9530169	2.73	1 1-	2 ACSR 6/1	0	0	1331	181	11	1	1	0.00	1.98	0
9530171	9530169	2.72	16 1-	2 ACSR 6/1	0	0	1334	181	41	5	3	0.00	1.98	0
9530172	9530171	2.75	14 1-	2 ACSR 6/1	0	0	1320	181	28	3	2	0.00	1.98	0
9530174	9530172	2.81	13 1-	2 ACSR 6/1	0	0	1293	180	23	3	2	0.00	1.99	0
9530176	9530174	2.87	3 1-	2 ACSR 6/1	0	0	1265	180	8	1	1	0.00	1.99	0
9530175	9530174	2.86	8 1-	2 ACSR 6/1	0	0	1273	180	13	1	1	0.00	1.99	0
9530178	9530175	2.93	1 1-	2 ACSR 6/1	0	0	1242	179	2	0	0	0.00	1.99	0
9530177	9530175	2.92	1 1-	2 ACSR 6/1	0	0	1244	179	2	0	0	0.00	1.99	0
9530027	9530175	2.93	6 1-	2 ACSR 6/1	0	0	1242	179	10	1	1	0.00	1.99	0
9530180	9530027	3.00	5 1-	2 ACSR 6/1	0	0	1214	179	8	1	1	0.00	2.00	0
9530149	9530180	3.16	3 1-	2 ACSR 6/1	0	0	1151	178	2	0	0	0.00	2.00	0
9430243	9530149	3.20	2 1-	2 ACSR 6/1	0	0	1136	177	1	0	0	0.00	2.00	0
9430244	9430243	3.23	1 1-	2 ACSR 6/1	0	0	1127	177	1	0	0	0.00	2.00	0
9430251	9430243	3.28	1 1-	2 ACSR 6/1	0	0	1111	177	0	0	0	0.00	2.00	0
9530179	9530027	2.96	1 1-	2 ACSR 6/1	0	0	1228	179	2	0	0	0.00	1.99	0
9530173	9530172	2.82	1 1-	2 ACSR 6/1	0	0	1291	180	5	0	0	0.00	1.99	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9530170	9530169	2.73	4 1-	2 ACSR 6/1	0	0	1329	181	8	1	1	0.00	1.98	0
9530163	9530162	2.64	8 1-	2 ACSR 6/1	0	0	1375	182	42	5	3	0.00	2.84	0
9530164	9530163	2.68	7 1-	2 ACSR 6/1	0	0	1353	181	33	4	2	0.00	2.84	0
9530165	9530164	2.72	6 1-	2 ACSR 6/1	0	0	1337	181	25	3	2	0.00	2.85	0
9530166	9530165	2.80	4 1-	2 ACSR 6/1	0	0	1300	180	10	1	1	0.00	2.85	0
9530150	9530166	2.84	3 1-	2 ACSR 6/1	0	0	1280	180	8	1	1	0.00	2.85	0
9530249	9530166	2.80	0 1-	2 ACSR 6/1	0	0	1297	180	0	0	0	0.00	2.85	0
09-53-P272-A	9530249	2.80	0 1-	Open	0	0	1297	180	0	0	0	0.00	2.85	0
9530160	9530020	2.58	5 1-	2 ACSR 6/1	0	0	1407	182	21	2	2	0.00	3.04	0
9530161	9530160	2.64	2 1-	2 ACSR 6/1	0	0	1376	182	7	0	0	0.00	3.04	0
9530026	9530020	2.55	11 1-	2 ACSR 6/1	0	0	1423	182	43	5	3	0.00	3.04	0
9530239	9530026	2.61	7 1-	2 ACSR 6/1	0	0	1390	182	33	4	2	0.01	3.05	0
9530240	9530239	2.67	6 1-	2 ACSR 6/1	0	0	1359	181	25	3	2	0.00	3.05	0
9530221	9530240	2.73	4 1-	2 ACSR 6/1	0	0	1332	181	11	1	1	0.00	3.05	0
9530139	9530221	3.13	3 1-	2 ACSR 6/1	0	0	1162	178	7	0	1	0.01	3.06	0
9530237	9530026	2.57	4 1-	2 ACSR 6/1	0	0	1413	182	9	1	1	0.00	3.04	0
9530238	9530237	2.59	3 1-	2 ACSR 6/1	0	0	1401	182	5	0	0	0.00	3.04	0
9530203	9530202	1.78	479 3-	1/0 ACSR 6/1	2531	2337	2000	188	2319	98	43	0.11	2.46	159
9530204	9530203	1.89	476 3-	1/0 ACSR 6/1	2427	2234	1908	188	2310	98	43	0.22	2.62	322
D09-53-P141	9530204	1.89	475 3-	REC-100-L	2427	2234	1908	188	2306	98	98	0.00	2.62	0
9530019	D09-53-P141	2.00	475 3-	1/0 ACSR 6/1	2336	2145	1828	187	2306	98	43	0.21	2.77	304
9530138	9530019	2.55	456 3-	1/0 ACSR 6/1	1952	1773	1501	184	2178	92	40	0.91	3.50	1374
9430232	9530138	2.60	455 3-	1/0 ACSR 6/1	1924	1746	1478	184	2164	92	40	0.08	3.57	119
9430233	9430232	2.63	454 3-	1/0 ACSR 6/1	1905	1728	1461	184	2151	92	40	0.06	3.61	85
9430268	9430233	2.75	1 1-	2 ACSR 6/1	0	0	1399	183	6	0	0	0.00	4.32	0
9430245	9430233	2.69	438 3-	1/0 ACSR 6/1	1876	1700	1437	183	2057	88	38	0.08	3.68	118
9430246	9430245	2.79	434 3-	1/0 ACSR 6/1	1822	1649	1393	183	2043	87	38	0.16	3.80	225
9430248	9430246	2.84	4 1-	2 ACSR 6/1	0	0	1368	183	23	2	2	0.00	4.56	0
9430235	9430248	2.89	2 1-	2 ACSR 6/1	0	0	1344	182	15	1	1	0.00	4.56	0
9430247	9430246	2.83	381 3-	1/0 ACSR 6/1	1799	1627	1374	183	1828	78	34	0.04	3.85	81
9430177	9430247	2.86	380 3-	1/0 ACSR 6/1	1784	1613	1362	183	1820	78	34	0.03	3.88	51
9430178	9430177	2.88	378 3-	1/0 ACSR 6/1	1776	1605	1355	182	1815	77	34	0.02	3.90	31
D09-43-P317	9430178	2.88	11 1-	REC-50-L	0	0	1355	182	48	6	13	0.00	4.64	0
9430179	D09-43-P317	2.98	11 1-	2 ACSR 6/1	0	0	1307	182	48	6	3	0.02	4.66	0
9430180	9430179	3.04	8 1-	2 ACSR 6/1	0	0	1280	181	39	5	3	0.01	4.67	0
9430181	9430180	3.08	6 1-	2 ACSR 6/1	0	0	1267	181	29	3	2	0.00	4.67	0
9430189	9430181	3.13	4 1-	2 ACSR 6/1	0	0	1242	181	27	3	2	0.01	4.67	0
9430220	9430189	3.18	3 1-	2 ACSR 6/1	0	0	1222	180	19	2	1	0.00	4.68	0
9430176	9430178	2.93	0 1-	2 ACSR 6/1	0	0	1332	182	0	0	0	0.00	3.97	0
9430182	9430178	2.96	4 1-	2 ACSR 6/1	0	0	1316	182	16	2	1	0.00	4.64	0
9430188	9430182	3.00	2 1-	2 ACSR 6/1	0	0	1299	182	3	0	0	0.00	4.65	0
9430019	9430178	2.92	363 3-	1/0 ACSR 6/1	1755	1585	1338	182	1750	75	33	0.03	3.95	71
C09-43-P196	9430019	2.92	0 3-	Capacitor	1755	1585	1338	182	0	-13	0	0.00	3.95	0
9430207	9430019	2.96	363 3-	1/0 ACSR 6/1	1737	1568	1324	182	1750	76	33	0.04	3.99	62
D09-43-P012	9430207	2.96	15 1-	REC-50-L	0	0	1324	182	50	6	13	0.00	4.05	0
9430206	D09-43-P012	3.02	15 1-	2 ACSR 6/1	0	0	1297	182	50	6	4	0.01	4.06	0
9430195	9430206	3.05	14 1-	2 ACSR 6/1	0	0	1283	181	43	5	3	0.00	4.07	0
9430196	9430195	3.16	3 1-	2 ACSR 6/1	0	0	1239	181	10	1	1	0.00	4.07	0
9430234	9430195	3.11	10 1-	2 ACSR 6/1	0	0	1258	181	26	3	2	0.00	4.07	0
9430265	9430234	3.14	7 1-	2 ACSR 6/1	0	0	1243	181	20	2	1	0.00	4.07	0
9430264	9430265	3.40	5 1-	2 ACSR 6/1	0	0	1146	179	15	1	1	0.01	4.09	0
9420073	9430264	3.52	2 1-	2 ACSR 6/1	0	0	1104	178	8	1	1	0.00	4.09	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9420074	9420073	3.59	1 1-	2 ACSR 6/1	0	0	1084	177	2	0	0	0.00	4.09	0
9420039	9430264	3.45	3 1-	2 ACSR 6/1	0	0	1128	178	8	0	1	0.00	4.09	0
9420040	9420039	3.51	1 1-	2 ACSR 6/1	0	0	1110	178	4	0	0	0.00	4.09	0
9430209	9430207	3.00	1 1-	2 ACSR 6/1	0	0	1305	182	6	0	0	0.00	4.05	0
9430208	9430207	3.03	345 3-	1/0 ACSR 6/1	1704	1537	1296	182	1685	73	32	0.07	4.08	114
D09-43-P011	9430208	3.03	345 3-	REC-70-L	1704	1537	1296	182	1684	73	105	0.00	4.08	0
9430211	D09-43-P011	3.10	345 3-	1/0 ACSR 6/1	1674	1508	1272	181	1684	73	32	0.07	4.16	106
9430212	9430211	3.16	71 3-	1/0 ACSR 6/1	1650	1485	1252	181	400	17	8	0.01	4.17	7
9430213	9430212	3.18	68 3-	1/0 ACSR 6/1	1639	1475	1244	181	399	17	8	0.00	4.18	3
D09-43-P204	9430213	3.18	67 3-	REC-50-H	1639	1475	1244	181	397	17	35	0.00	4.18	0
9430230	D09-43-P204	3.22	67 3-	1/0 ACSR 6/1	1623	1460	1231	181	397	17	8	0.01	4.19	5
9430215	9430230	3.30	64 3-	1/0 ACSR 6/1	1593	1432	1206	180	381	16	7	0.01	4.21	9
9430217	9430215	3.36	2 1-	2 ACSR 6/1	0	0	1183	180	8	1	1	0.00	4.89	0
9430216	9430215	3.33	1 1-	2 ACSR 6/1	0	0	1194	180	2	0	0	0.00	4.31	0
9430218	9430215	3.36	60 3-	1/0 ACSR 6/1	1565	1406	1185	180	369	16	7	0.01	4.23	8
9430219	9430218	3.43	57 3-	1/0 ACSR 6/1	1539	1382	1164	180	362	15	7	0.01	4.24	8
9430161	9430219	3.47	1 1-	2 ACSR 6/1	0	0	1150	179	11	1	1	0.00	4.39	0
9430017	9430219	3.49	56 3-	1/0 ACSR 6/1	1520	1364	1148	179	352	15	7	0.01	4.26	5
9430162	9430017	3.53	14 1-	2 ACSR 6/1	0	0	1132	179	93	12	7	0.02	4.93	1
9430163	9430162	3.57	14 1-	2 ACSR 6/1	0	0	1121	179	93	12	7	0.01	4.94	0
9430164	9430163	3.61	1 1-	2 ACSR 6/1	0	0	1106	178	9	1	1	0.00	4.94	0
9430165	9430164	3.64	0 1-	2 ACSR 6/1	0	0	1097	178	0	0	0	0.00	4.94	0
9430022	9430163	3.61	13 1-	2 ACSR 6/1	0	0	1108	178	84	11	6	0.01	4.95	0
9320025	9430022	3.66	13 1-	2 ACSR 6/1	0	0	1091	178	84	11	6	0.02	4.97	0
9320019	9320025	3.72	10 1-	2 ACSR 6/1	0	0	1072	178	76	10	6	0.02	4.98	0
9320029	9320019	3.86	1 1-	2 ACSR 6/1	0	0	1029	177	10	1	1	0.00	4.99	0
9330111	9320029	3.92	0 1-	2 ACSR 6/1	0	0	1014	176	0	0	0	0.00	4.99	0
9320020	9320019	3.80	8 1-	2 ACSR 6/1	0	0	1047	177	59	7	4	0.02	5.00	0
9320016	9320020	3.83	1 1-	2 ACSR 6/1	0	0	1040	177	10	1	1	0.00	5.00	0
9320014	9320020	3.95	7 1-	2 ACSR 6/1	0	0	1005	176	49	6	4	0.03	5.03	1
9320018	9320014	4.07	1 1-	15 KV 2 URD XLP	0	0	974	383	16	2	1	0.00	5.03	0
9320017	9320014	4.01	6 1-	2 ACSR 6/1	0	0	989	176	33	4	2	0.01	5.04	0
9320026	9320017	4.12	5 1-	2 ACSR 6/1	0	0	961	175	33	4	2	0.01	5.05	0
9320021	9320026	4.21	2 1-	2 ACSR 6/1	0	0	939	174	9	1	1	0.00	5.05	0
9320022	9320021	4.25	1 1-	2 ACSR 6/1	0	0	930	174	1	0	0	0.00	5.05	0
9320023	9320022	4.27	1 1-	2 ACSR 6/1	0	0	925	174	1	0	0	0.00	5.05	0
9320027	9320026	4.17	2 1-	2 ACSR 6/1	0	0	949	174	16	2	1	0.00	5.05	0
9320015	9320027	4.24	1 1-	2 ACSR 6/1	0	0	931	174	8	1	1	0.00	5.05	0
9320024	9320027	4.23	1 1-	2 ACSR 6/1	0	0	934	174	7	0	1	0.00	5.05	0
9430016	9430017	3.57	42 3-	1/0 ACSR 6/1	1490	1336	1124	179	258	11	5	-0.01	4.27	7
9420043	9430016	3.61	41 3-	1/0 ACSR 6/1	1477	1324	1114	179	247	10	5	0.00	4.28	3
9420045	9420043	3.68	2 1-	2 ACSR 6/1	0	0	1089	178	13	1	1	0.00	4.49	0
9420046	9420045	3.73	1 1-	2 ACSR 6/1	0	0	1075	178	8	1	1	0.00	4.49	0
9420042	9420043	3.64	37 3-	1/0 ACSR 6/1	1465	1313	1104	179	221	9	4	0.00	4.28	2
D09-42-P025	9420042	3.64	4 1-	FUS	0	0	1104	179	23	3	68	0.00	4.89	0
9420072	D09-42-P025	3.73	4 1-	2 ACSR 6/1	0	0	1076	178	23	3	2	0.01	4.90	0
9420054	9420072	3.81	2 1-	2 ACSR 6/1	0	0	1054	177	11	1	1	0.00	4.90	0
9420075	9420054	3.83	1 1-	2 ACSR 6/1	0	0	1046	177	6	0	0	0.00	4.90	0
9420076	9420075	3.88	0 1-	2 ACSR 6/1	0	0	1032	177	0	0	0	0.00	4.90	0
9420053	9420042	3.73	30 3-	1/0 ACSR 6/1	1437	1287	1082	178	186	8	4	-0.01	4.29	5
9420055	9420053	3.81	2 1-	2 ACSR 6/1	0	0	1058	178	9	1	1	0.00	4.54	0
9420065	9420055	3.92	1 1-	2 ACSR 6/1	0	0	1024	177	6	0	0	0.00	4.54	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9420030	9420053	3.90	28 3-	1/0 ACSR 6/1	1384	1237	1040	177	176	7	3	-0.03	4.32	10
9420063	9420030	3.96	2 3-	1/0 ACSR 6/1	1366	1221	1026	177	9	0	0	0.00	4.32	0
9420064	9420063	4.24	1 1-	2 ACSR 6/1	0	0	952	175	6	0	0	0.00	4.85	0
9420061	9420030	3.99	25 1-	2 ACSR 6/1	0	0	1013	177	159	20	12	0.06	4.67	7
9420062	9420061	4.02	24 1-	2 ACSR 6/1	0	0	1006	176	152	19	11	0.01	4.69	2
9420028	9420062	4.06	23 1-	2 ACSR 6/1	0	0	996	176	148	19	11	0.02	4.71	2
9420029	9420028	4.10	21 1-	2 ACSR 6/1	0	0	985	176	134	17	10	0.02	4.73	2
9420031	9420029	4.15	19 1-	2 ACSR 6/1	0	0	973	175	122	16	9	0.02	4.75	2
9420049	9420031	4.18	13 1-	2 ACSR 6/1	0	0	965	175	83	10	6	0.01	4.76	0
9420056	9420049	4.26	7 1-	2 ACSR 6/1	0	0	946	175	41	5	3	0.01	4.77	0
9420057	9420056	4.29	4 1-	2 ACSR 6/1	0	0	937	174	29	3	2	0.00	4.77	0
9420058	9420057	4.33	3 1-	2 ACSR 6/1	0	0	929	174	23	3	2	0.00	4.77	0
9420059	9420058	4.37	1 1-	2 ACSR 6/1	0	0	919	174	9	1	1	0.00	4.78	0
9420051	9420049	4.24	2 1-	2 ACSR 6/1	0	0	951	175	11	1	1	0.00	4.76	0
9420052	9420051	4.29	1 1-	2 ACSR 6/1	0	0	938	174	8	1	1	0.00	4.76	0
9420050	9420049	4.25	2 1-	2 ACSR 6/1	0	0	947	175	16	2	1	0.00	4.76	0
9420048	9420050	4.29	1 1-	2 ACSR 6/1	0	0	937	174	7	0	0	0.00	4.76	0
9420034	9420031	4.18	6 1-	2 ACSR 6/1	0	0	964	175	39	5	3	0.00	4.75	0
9420035	9420034	4.24	5 1-	2 ACSR 6/1	0	0	949	175	27	3	2	0.01	4.76	0
9420033	9420035	4.33	4 1-	2 ACSR 6/1	0	0	928	174	25	3	2	0.01	4.77	0
9420044	9420033	4.35	3 1-	2 ACSR 6/1	0	0	923	174	11	1	1	0.00	4.77	0
9420032	9420044	4.46	2 1-	2 ACSR 6/1	0	0	898	173	7	0	0	0.00	4.77	0
9420060	9420030	3.97	1 1-	2 ACSR 6/1	0	0	1019	177	8	1	1	0.00	4.62	0
9420041	9430016	3.60	1 1-	2 ACSR 6/1	0	0	1116	179	11	1	1	0.00	4.47	0
9430214	9430230	3.27	1 1-	2 ACSR 6/1	0	0	1211	180	10	1	1	0.00	4.88	0
9430210	9430211	3.15	272 3-	1/0 ACSR 6/1	1651	1486	1253	181	1274	55	24	0.05	4.20	53
9430166	9430210	3.21	270 3-	1/0 ACSR 6/1	1627	1464	1234	181	1262	55	24	0.05	4.25	54
9430187	9430166	3.28	1 1-	2 ACSR 6/1	0	0	1208	180	6	0	0	0.00	4.24	0
9430167	9430166	3.25	263 3-	1/0 ACSR 6/1	1611	1449	1221	181	1243	54	24	0.03	4.29	38
9430169	9430167	3.31	259 3-	1/0 ACSR 6/1	1585	1425	1201	180	1234	53	23	0.05	4.34	58
9430147	9430169	3.36	231 3-	1/0 ACSR 6/1	1568	1409	1186	180	1122	49	21	0.04	4.38	32
9430183	9430147	3.52	227 3-	1/0 ACSR 6/1	1508	1353	1139	179	1106	48	21	0.13	4.50	112
9430184	9430183	3.56	226 3-	1/0 ACSR 6/1	1493	1338	1126	179	1103	48	21	0.03	4.54	30
9430194	9430184	3.64	1 1- 15	KV 2 URD XLP	0	0	1101	401	8	1	1	0.00	5.24	0
9430262	9430184	3.69	166 3-	1/0 ACSR 6/1	1451	1300	1093	178	742	32	14	0.03	4.60	47
9330212	9430262	3.70	4 1-	2 ACSR 6/1	0	0	1090	178	19	2	1	0.00	5.28	0
9330213	9330212	3.74	1 1-	2 ACSR 6/1	0	0	1078	178	8	0	1	0.00	5.28	0
9330209	9330213	3.81	1 1-	2 ACSR 6/1	0	0	1056	177	8	0	1	0.00	5.28	0
9330208	9330209	3.91	1 1-	2 ACSR 6/1	0	0	1025	177	8	0	1	0.00	5.28	0
9330179	9430262	3.79	161 3-	1/0 ACSR 6/1	1417	1268	1066	178	721	31	14	0.02	4.65	40
9330210	9330179	3.82	160 3-	1/0 ACSR 6/1	1407	1259	1059	178	715	31	14	0.01	4.67	11
9330211	9330210	3.87	156 3-	1/0 ACSR 6/1	1391	1244	1046	177	691	30	13	0.01	4.69	18
9330167	9330211	3.91	155 3-	1/0 ACSR 6/1	1380	1234	1037	177	689	30	13	0.01	4.71	12
9330182	9330167	3.96	151 3-	1/0 ACSR 6/1	1366	1220	1026	177	671	29	13	0.01	4.73	15
9330183	9330182	4.01	149 3-	1/0 ACSR 6/1	1352	1207	1015	177	653	28	12	0.01	4.75	14
9330189	9330183	4.18	125 3-	1/0 ACSR 6/1	1304	1164	978	176	517	22	10	0.06	4.81	39
9330190	9330189	4.25	124 3-	1/0 ACSR 6/1	1284	1145	962	175	512	22	10	0.03	4.84	17
9330180	9330190	4.34	1 1-	2 ACSR 6/1	0	0	940	175	3	0	0	0.00	5.43	0
9330191	9330190	4.30	2 1-	2 ACSR 6/1	0	0	951	175	14	1	1	0.00	4.49	0
9330128	9330190	4.31	119 3-	1/0 ACSR 6/1	1270	1132	951	175	484	21	9	0.02	4.86	11
9330194	9330128	4.35	22 1-	2 ACSR 6/1	0	0	940	175	89	11	7	0.01	5.46	0
9330195	9330194	4.37	21 1-	2 ACSR 6/1	0	0	935	175	81	10	6	0.01	5.46	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9330196	9330195	4.40	20 1-	2 ACSR 6/1	0	0	929	175	75	9	6	0.01	5.47	0
9330197	9330196	4.47	14 1-	2 ACSR 6/1	0	0	913	174	52	6	4	0.01	5.48	0
9330199	9330197	4.49	12 1-	2 ACSR 6/1	0	0	908	174	37	4	3	0.00	5.49	0
9330200	9330199	4.55	7 1-	2 ACSR 6/1	0	0	896	173	22	2	2	0.00	5.49	0
9330201	9330200	4.61	5 1-	2 ACSR 6/1	0	0	882	173	10	1	1	0.00	5.49	0
9330202	9330201	4.65	3 1-	2 ACSR 6/1	0	0	875	173	7	0	0	0.00	5.49	0
9330198	9330197	4.55	1 1-	2 ACSR 6/1	0	0	896	174	9	1	1	0.00	5.49	0
9330207	9330196	4.43	4 1-	2 ACSR 6/1	0	0	922	174	13	1	1	0.00	5.47	0
9330215	9330207	4.49	2 1-	2 ACSR 6/1	0	0	908	174	6	0	0	0.00	5.47	0
9330131	9330128	4.37	94 3-	1/0 ACSR 6/1	1254	1117	938	175	385	16	7	0.01	4.87	12
D09-33-P020	9330131	4.37	25 1-	REC-35-H	0	0	938	175	110	14	41	0.00	4.70	0
9330132	D09-33-P020	4.42	25 1-	2 ACSR 6/1	0	0	927	175	110	14	8	0.02	4.72	2
9330129	9330132	4.46	22 1-	2 ACSR 6/1	0	0	917	174	101	13	7	0.02	4.73	1
9330162	9330129	4.49	21 1-	2 ACSR 6/1	0	0	912	174	99	12	7	0.01	4.74	0
9330163	9330162	4.52	16 1-	2 ACSR 6/1	0	0	904	174	79	10	6	0.01	4.75	0
9330164	9330163	4.55	14 1-	2 ACSR 6/1	0	0	898	174	71	9	5	0.01	4.76	0
9330155	9330164	4.60	4 1-	2 ACSR 6/1	0	0	888	173	13	1	1	0.00	4.76	0
9330156	9330155	4.64	2 1-	2 ACSR 6/1	0	0	879	173	6	0	0	0.00	4.76	0
9330152	9330164	4.59	6 1-	2 ACSR 6/1	0	0	889	173	43	5	3	0.01	4.76	0
9330153	9330152	4.63	3 1-	2 ACSR 6/1	0	0	881	173	23	3	2	0.00	4.77	0
9330154	9330153	4.67	1 1-	2 ACSR 6/1	0	0	872	173	19	2	1	0.00	4.77	0
9330150	9330164	4.59	3 1-	2 ACSR 6/1	0	0	890	173	14	1	1	0.00	4.76	0
9330151	9330150	4.63	1 1-	2 ACSR 6/1	0	0	880	173	5	0	0	0.00	4.76	0
9330181	9330162	4.52	3 1-	2 ACSR 6/1	0	0	905	174	6	0	0	0.00	4.74	0
9330133	9330131	4.43	67 3-	1/0 ACSR 6/1	1240	1104	928	175	266	11	5	0.00	4.88	4
9330127	9330133	4.46	54 3-	1/0 ACSR 6/1	1232	1096	921	174	215	9	4	0.00	4.89	3
9330140	9330127	4.52	53 3-	1/0 ACSR 6/1	1218	1084	910	174	214	9	4	0.00	4.90	4
D09-33-P028	9330140	4.52	45 1-	REC-35-H	0	0	910	174	188	24	70	0.00	4.77	0
9330139	D09-33-P028	4.57	45 1-	2 ACSR 6/1	0	0	899	174	188	24	14	0.04	4.81	5
9330169	9330139	4.61	42 1-	2 ACSR 6/1	0	0	890	174	175	23	13	0.03	4.84	4
9330114	9330169	4.67	41 1-	2 ACSR 6/1	0	0	878	173	172	22	13	0.04	4.87	5
9330115	9330114	4.73	7 1-	2 ACSR 6/1	0	0	865	173	40	5	3	0.01	4.88	0
9330117	9330115	4.78	2 1-	2 ACSR 6/1	0	0	855	172	6	0	0	0.00	4.88	0
9330130	9330115	4.77	3 1-	2 ACSR 6/1	0	0	858	172	17	2	1	0.00	4.88	0
9330146	9330114	4.71	13 1-	2 ACSR 6/1	0	0	869	173	46	6	3	0.01	4.88	0
9330147	9330146	4.76	11 1-	2 ACSR 6/1	0	0	860	172	40	5	3	0.01	4.89	0
9330148	9330147	4.82	9 1-	2 ACSR 6/1	0	0	848	172	28	3	2	0.00	4.89	0
9330149	9330148	4.90	1 1-	2 ACSR 6/1	0	0	832	171	3	0	0	0.00	4.89	0
9330192	9330148	4.85	5 1-	2 ACSR 6/1	0	0	842	172	14	1	1	0.00	4.89	0
9330193	9330192	4.97	3 1-	2 ACSR 6/1	0	0	821	171	7	0	0	0.00	4.89	0
9230007	9330193	5.00	2 1-	2 ACSR 6/1	0	0	814	171	6	0	0	0.00	4.89	0
9230006	9230007	5.07	1 1-	2 ACSR 6/1	0	0	801	170	2	0	0	0.00	4.90	0
9230008	9230006	5.15	1 1-	2 ACSR 6/1	0	0	788	170	2	0	0	0.00	4.90	0
9330116	9330114	4.75	18 1-	2 ACSR 6/1	0	0	862	173	81	10	6	0.02	4.90	2
9330118	9330116	4.79	2 1-	2 ACSR 6/1	0	0	854	172	11	1	1	0.00	4.90	0
9330120	9330116	4.82	13 1-	2 ACSR 6/1	0	0	848	172	63	8	5	0.02	4.91	0
9330121	9330120	4.84	12 1-	2 ACSR 6/1	0	0	844	172	58	7	4	0.00	4.92	0
9330122	9330121	4.89	10 1-	2 ACSR 6/1	0	0	835	172	46	5	3	0.01	4.92	0
9330145	9330122	4.94	4 1-	2 ACSR 6/1	0	0	826	171	12	1	1	0.00	4.93	0
9330123	9330122	4.91	6 1-	2 ACSR 6/1	0	0	830	171	33	4	2	0.00	4.93	0
9330124	9330123	4.96	6 1-	2 ACSR 6/1	0	0	821	171	33	4	2	0.01	4.93	0
9330144	9330124	5.00	1 1-	2 ACSR 6/1	0	0	814	171	8	0	1	0.00	4.93	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9330143	9330124	4.98	2 1-	2 ACSR 6/1	0	0	818	171	19	2	1	0.00	4.93	0
9330142	9330124	4.98	2 1-	2 ACSR 6/1	0	0	817	171	6	0	0	0.00	4.93	0
9330119	9330116	4.79	1 1-	2 ACSR 6/1	0	0	853	172	2	0	0	0.00	4.90	0
9330141	9330140	4.56	4 1-	2 ACSR 6/1	0	0	902	174	12	1	1	0.00	4.47	0
9330138	9330141	4.59	3 1-	2 ACSR 6/1	0	0	895	174	9	1	1	0.00	4.47	0
9330136	9330133	4.49	10 1-	2 ACSR 6/1	0	0	914	174	44	5	3	0.01	4.49	0
9330137	9330136	4.50	9 1-	2 ACSR 6/1	0	0	912	174	39	5	3	0.00	4.49	0
9330125	9330137	4.52	5 1-	2 ACSR 6/1	0	0	906	174	19	2	1	0.00	4.49	0
9330126	9330125	4.56	2 1-	2 ACSR 6/1	0	0	898	174	7	0	1	0.00	4.49	0
9330134	9330133	4.47	2 1-	2 ACSR 6/1	0	0	919	174	6	0	0	0.00	5.45	0
9330135	9330134	4.48	1 1-	2 ACSR 6/1	0	0	915	174	2	0	0	0.00	5.45	0
9330188	9330183	4.05	1 1-	2 ACSR 6/1	0	0	1003	176	9	1	1	0.00	4.51	0
9330184	9330183	4.04	23 1-	2 ACSR 6/1	0	0	1005	176	127	16	9	0.02	4.53	2
9330185	9330184	4.08	23 1-	2 ACSR 6/1	0	0	996	176	127	16	9	0.01	4.54	1
9330186	9330185	4.14	22 1-	2 ACSR 6/1	0	0	980	176	119	15	9	0.03	4.57	3
9330158	9330186	4.17	3 1-	2 ACSR 6/1	0	0	971	176	32	4	2	0.00	4.57	0
9330187	9330158	4.24	0 1-	2 ACSR 6/1	0	0	954	175	0	0	0	0.00	4.57	0
9330003	9330158	4.23	3 1-	2 ACSR 6/1	0	0	958	175	32	4	2	0.01	4.58	0
9330204	9330003	4.24	1 1-	15 KV 2 URD XLP	0	0	953	383	7	0	1	0.00	4.58	0
9330203	9330003	4.26	1 1-	15 KV 2 URD XLP	0	0	948	382	16	2	1	0.00	4.58	0
9330170	9330003	4.26	1 1-	15 KV 2 URD XLP	0	0	950	383	9	1	1	0.00	4.58	0
9330157	9330186	4.20	18 1-	2 ACSR 6/1	0	0	965	175	78	10	6	0.02	4.58	0
9330112	9330157	4.29	17 1-	2 ACSR 6/1	0	0	942	175	72	9	5	0.02	4.61	1
9330205	9330112	4.31	15 1-	2 ACSR 6/1	0	0	938	175	58	7	4	0.00	4.61	0
9330159	9330205	4.33	11 1-	2 ACSR 6/1	0	0	932	174	47	6	3	0.00	4.62	0
9330160	9330159	4.36	8 1-	2 ACSR 6/1	0	0	927	174	34	4	3	0.00	4.62	0
9330206	9330160	4.37	5 1-	2 ACSR 6/1	0	0	922	174	21	2	2	0.00	4.62	0
9430020	9430184	3.67	59 3-	1/0 ACSR 6/1	1457	1305	1098	178	353	15	7	0.05	4.56	10
9430261	9430020	3.72	9 1-	2 ACSR 6/1	0	0	1081	178	41	5	3	0.01	5.30	0
9330161	9430261	3.78	4 1-	2 ACSR 6/1	0	0	1062	178	18	2	1	0.00	5.30	0
9330113	9330161	3.81	3 1-	2 ACSR 6/1	0	0	1055	177	9	1	1	0.00	5.30	0
9430021	9430020	3.73	50 3-	1/0 ACSR 6/1	1436	1285	1081	178	312	13	6	0.03	4.58	4
9430157	9430021	3.80	2 1-	15 KV 2 URD XLP	0	0	1060	397	20	2	2	0.00	4.46	0
9430263	9430021	3.89	40 3-	1/0 ACSR 6/1	1386	1239	1042	177	256	11	5	0.05	4.61	7
9330172	9430263	3.95	40 3-	1/0 ACSR 6/1	1368	1222	1028	177	256	11	5	0.02	4.62	3
9330173	9330172	4.05	40 3-	1/0 ACSR 6/1	1340	1197	1006	177	256	11	5	0.03	4.64	4
D09-33-P089	9330173	4.05	2 1-	FUS-30	0	0	1006	177	12	1	6	0.00	4.52	0
9330216	D09-33-P089	4.14	2 1-	2 ACSR 6/1	0	0	981	176	12	1	1	0.00	4.52	0
9430158	9330216	4.25	1 1-	2 ACSR 6/1	0	0	954	175	7	0	0	0.00	4.52	0
9330175	9330173	4.14	37 3-	1/0 ACSR 6/1	1314	1173	986	176	145	6	3	0.00	4.65	1
9330176	9330175	4.19	33 3-	1/0 ACSR 6/1	1301	1160	975	176	134	5	3	0.00	4.65	0
9330177	9330176	4.22	30 3-	1/0 ACSR 6/1	1292	1152	968	176	123	5	2	0.00	4.65	0
9340024	9330177	4.25	24 3-	1/0 ACSR 6/1	1285	1145	962	175	105	4	2	0.00	4.65	0
9340025	9340024	4.29	21 3-	1/0 ACSR 6/1	1274	1135	954	175	94	4	2	0.00	4.66	0
9340023	9340025	4.36	18 3-	1/0 ACSR 6/1	1257	1119	940	175	87	3	2	0.00	4.66	0
9340033	9340023	4.41	6 1-	2 ACSR 6/1	0	0	930	175	37	4	3	0.01	4.57	0
9340034	9340033	4.43	5 1-	2 ACSR 6/1	0	0	925	174	30	3	2	0.00	4.57	0
9340026	9340034	4.51	4 1-	2 ACSR 6/1	0	0	906	174	27	3	2	0.01	4.58	0
9340036	9340026	4.61	3 1-	2 ACSR 6/1	0	0	886	173	19	2	1	0.01	4.59	0
9340037	9340036	4.66	2 1-	2 ACSR 6/1	0	0	873	173	14	1	1	0.00	4.59	0
9340038	9340037	4.76	1 1-	2 ACSR 6/1	0	0	854	172	12	1	1	0.00	4.59	0
9340028	9340023	4.40	2 1-	2 ACSR 6/1	0	0	931	175	9	1	1	0.00	5.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9340035	9340028	4.48	1 1-	2 ACSR 6/1	0	0	912	174	2	0	0	0.00	5.42	0
9340027	9340023	4.45	9 3-	1/0 ACSR 6/1	1236	1100	924	175	34	1	1	0.00	4.66	0
9340032	9340027	4.50	1 1-	2 ACSR 6/1	0	0	913	174	6	0	0	0.00	5.42	0
9340029	9340027	4.47	6 1-	2 ACSR 6/1	0	0	920	174	20	2	1	0.00	4.57	0
9340030	9340029	4.53	5 1-	2 ACSR 6/1	0	0	905	174	18	2	1	0.00	4.58	0
9340031	9340030	4.59	2 1-	2 ACSR 6/1	0	0	893	174	14	1	1	0.00	4.58	0
9340040	9330177	4.30	4 3-	1/0 ACSR 6/1	1273	1134	953	175	13	0	0	0.00	4.65	0
9330178	9340040	4.31	2 1-	2 ACSR 6/1	0	0	950	175	5	0	0	0.00	4.55	0
9330165	9340040	4.39	1 3-	1/0 ACSR 6/1	1250	1114	935	175	6	0	0	0.00	4.65	0
9330214	9330165	4.40	1 3-	25 KV 1/0 URD X	1249	1112	934	382	6	0	0	0.00	4.65	0
9330166	9330165	4.43	0 1-	2 ACSR 6/1	0	0	924	174	0	0	0	0.00	5.42	0
9330174	9330173	4.14	1 3-	1/0 ACSR 6/1	1316	1174	987	176	99	4	2	0.03	4.64	2
9330110	9330174	4.20	1 3-	15 KV 2 URD XLP	1300	1159	976	386	99	4	3	0.01	4.65	0
9430170	9430021	3.76	8 1-	2 ACSR 6/1	0	0	1073	178	36	4	3	0.00	5.32	0
9330171	9430170	3.78	6 1-	2 ACSR 6/1	0	0	1067	178	25	3	2	0.00	5.32	0
9330168	9330171	3.82	3 1-	2 ACSR 6/1	0	0	1053	177	7	0	1	0.00	5.32	0
9430185	9430169	3.38	27 1-	2 ACSR 6/1	0	0	1176	180	107	13	8	0.03	3.74	2
D09-43-P105	9430185	3.38	26 1-	REC-35-H	0	0	1176	180	104	13	39	0.00	3.74	0
9430186	D09-43-P105	3.42	26 1-	2 ACSR 6/1	0	0	1162	179	104	13	8	0.01	3.75	1
9430197	9430186	3.45	25 1-	2 ACSR 6/1	0	0	1150	179	98	12	7	0.01	3.76	0
9430148	9430197	3.50	25 1-	2 ACSR 6/1	0	0	1134	179	98	12	7	0.02	3.78	1
9430149	9430148	3.55	24 1-	2 ACSR 6/1	0	0	1118	178	93	12	7	0.02	3.80	1
9430150	9430149	3.60	1 1-	2 ACSR 6/1	0	0	1099	178	1	0	0	0.00	3.80	0
9430015	9430149	3.69	23 1-	2 ACSR 6/1	0	0	1072	177	92	11	7	0.05	3.85	4
9430155	9430015	3.87	21 1-	2 ACSR 6/1	0	0	1019	176	86	11	6	0.06	3.90	4
9430154	9430155	3.88	1 1-	2 ACSR 6/1	0	0	1015	176	10	1	1	0.00	3.90	0
9430153	9430155	3.95	8 1-	2 ACSR 6/1	0	0	995	176	30	3	2	0.01	3.91	0
9440009	9430153	3.99	7 1-	2 ACSR 6/1	0	0	987	175	22	2	2	0.00	3.91	0
9440010	9440009	4.04	6 1-	2 ACSR 6/1	0	0	972	175	12	1	1	0.00	3.92	0
9440006	9440010	4.17	2 1-	2 ACSR 6/1	0	0	941	174	5	0	0	0.00	3.92	0
9440008	9440006	4.24	1 1-	2 ACSR 6/1	0	0	924	173	5	0	0	0.00	3.92	0
9440007	9440006	4.24	1 1-	2 ACSR 6/1	0	0	923	173	0	0	0	0.00	3.92	0
9430156	9430155	3.99	12 1-	2 ACSR 6/1	0	0	987	175	46	5	3	0.02	3.92	0
9430270	9430156	4.04	1 1-	2 ACSR 6/1	0	0	972	175	0	0	0	0.00	3.92	0
9430253	9430156	4.02	10 1-	2 ACSR 6/1	0	0	979	175	37	4	3	0.00	3.93	0
9430254	9430253	4.08	9 1-	2 ACSR 6/1	0	0	962	175	28	3	2	0.01	3.93	0
9430256	9430254	4.17	1 1-	15 KV 2 URD XLP	0	0	941	378	4	0	0	0.00	3.93	0
9430255	9430254	4.16	6 1-	2 ACSR 6/1	0	0	944	174	22	2	2	0.01	3.94	0
9430258	9430255	4.24	5 1-	2 ACSR 6/1	0	0	924	174	15	1	1	0.00	3.94	0
9430259	9430258	4.31	4 1-	2 ACSR 6/1	0	0	909	173	11	1	1	0.00	3.95	0
9430260	9430259	4.41	3 1-	2 ACSR 6/1	0	0	887	172	11	1	1	0.00	3.95	0
9430257	9430255	4.23	1 1-	2 ACSR 6/1	0	0	928	174	7	0	0	0.00	3.94	0
9430252	9430156	4.04	1 1-	2 ACSR 6/1	0	0	974	175	8	1	1	0.00	3.92	0
9430151	9430015	3.75	2 1-	2 ACSR 6/1	0	0	1054	177	6	0	0	0.00	3.85	0
9430152	9430151	3.81	1 1-	2 ACSR 6/1	0	0	1035	177	5	0	0	0.00	3.85	0
9430168	9430167	3.30	3 1-	2 ACSR 6/1	0	0	1201	180	3	0	0	0.00	4.25	0
9430145	9430166	3.30	5 1-	2 ACSR 6/1	0	0	1199	180	7	0	1	0.00	4.96	0
9430146	9430145	3.36	3 1-	2 ACSR 6/1	0	0	1178	180	5	0	0	0.00	4.96	0
9430205	9430207	3.03	1 1-	2 ACSR 6/1	0	0	1293	182	3	0	0	0.00	3.21	0
9430267	9430246	2.81	48 1-	2 ACSR 6/1	0	0	1384	183	187	24	14	0.01	4.56	2
9430269	9430267	2.84	47 1-	2 ACSR 6/1	0	0	1369	183	173	22	13	0.02	4.58	3
D09-43-P032	9430269	2.84	45 1-	REC-50-L	0	0	1369	183	164	21	43	0.00	4.58	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9430266	D09-43-P032	2.90	45 1-	2 ACSR 6/1	0	0	1338	182	164	21	12	0.04	4.62	5
9430201	9430266	2.92	38 1-	2 ACSR 6/1	0	0	1327	182	145	18	11	0.01	4.63	1
9430198	9430201	2.99	33 1-	2 ACSR 6/1	0	0	1295	181	122	16	9	0.03	4.67	3
9430204	9430198	3.04	27 1-	2 ACSR 6/1	0	0	1275	181	107	14	8	0.02	4.69	2
9430159	9430204	3.09	27 1-	2 ACSR 6/1	0	0	1253	181	107	14	8	0.02	4.71	2
9430160	9430159	3.14	1 1-	2 ACSR 6/1	0	0	1232	180	3	0	0	0.00	4.71	0
9430173	9430159	3.15	7 1-	2 ACSR 6/1	0	0	1231	180	33	4	2	0.01	4.71	0
9430174	9430173	3.19	6 1-	2 ACSR 6/1	0	0	1213	180	26	3	2	0.00	4.72	0
9430175	9430174	3.24	4 1-	2 ACSR 6/1	0	0	1192	180	23	3	2	0.00	4.72	0
9430171	9430159	3.18	19 1-	2 ACSR 6/1	0	0	1218	180	71	9	5	0.02	4.73	1
9430172	9430171	3.29	19 1-	2 ACSR 6/1	0	0	1176	179	71	9	5	0.03	4.76	2
9430238	9430172	3.34	18 1-	2 ACSR 6/1	0	0	1156	179	68	8	5	0.01	4.77	0
9430239	9430238	3.36	15 1-	2 ACSR 6/1	0	0	1149	179	62	8	4	0.00	4.78	0
9430242	9430239	3.38	13 1-	2 ACSR 6/1	0	0	1142	179	57	7	4	0.00	4.78	0
9430250	9430242	3.47	8 1-	2 ACSR 6/1	0	0	1111	178	37	4	3	0.01	4.79	0
9530187	9430250	3.50	7 1-	2 ACSR 6/1	0	0	1103	178	31	4	2	0.00	4.80	0
9530188	9530187	3.54	3 1-	2 ACSR 6/1	0	0	1089	177	17	2	1	0.00	4.80	0
9530185	9530188	3.64	2 1-	2 ACSR 6/1	0	0	1057	177	14	1	1	0.00	4.80	0
9530229	9530188	3.58	1 1-	2 ACSR 6/1	0	0	1076	177	3	0	0	0.00	4.80	0
9530189	9530187	3.53	2 1-	2 ACSR 6/1	0	0	1094	177	9	1	1	0.00	4.80	0
9430241	9430242	3.44	3 1-	2 ACSR 6/1	0	0	1121	178	12	1	1	0.00	4.78	0
9430240	9430239	3.40	2 1-	2 ACSR 6/1	0	0	1136	178	5	0	0	0.00	4.78	0
9430249	9430240	3.42	1 1-	2 ACSR 6/1	0	0	1129	178	1	0	0	0.00	4.78	0
9530167	9430249	3.49	1 1-	2 ACSR 6/1	0	0	1105	178	1	0	0	0.00	4.78	0
9530250	9430249	3.43	0 1-	2 ACSR 6/1	0	0	1126	178	0	0	0	0.00	4.78	0
09-53-P272-B	9530250	3.43	0 1-	Open	0	0	1126	178	0	0	0	0.00	4.78	0
9430236	9430172	3.35	1 1-	2 ACSR 6/1	0	0	1152	179	2	0	0	0.00	4.76	0
9430237	9430236	3.42	0 1-	2 ACSR 6/1	0	0	1128	178	0	0	0	0.00	4.76	0
9430221	9430198	3.05	3 1-	2 ACSR 6/1	0	0	1271	181	12	1	1	0.00	4.67	0
9430222	9430221	3.08	1 1-	2 ACSR 6/1	0	0	1259	181	6	0	0	0.00	4.67	0
9430223	9430222	3.12	1 1-	2 ACSR 6/1	0	0	1242	180	6	0	0	0.00	4.67	0
9430202	9430201	2.95	4 1-	2 ACSR 6/1	0	0	1314	182	15	1	1	0.00	4.64	0
9430203	9430202	2.99	2 1-	2 ACSR 6/1	0	0	1296	181	8	1	1	0.00	4.64	0
9430192	9430266	2.95	5 1-	2 ACSR 6/1	0	0	1317	182	9	1	1	0.00	4.62	0
9430199	9430192	3.02	3 1-	2 ACSR 6/1	0	0	1282	181	4	0	0	0.00	4.62	0
9430200	9430199	3.08	3 1-	2 ACSR 6/1	0	0	1259	181	4	0	0	0.00	4.63	0
9430193	9430192	2.97	2 1-	2 ACSR 6/1	0	0	1307	182	5	0	0	0.00	4.62	0
9430231	9430233	2.66	14 3-	1/0 ACSR 6/1	1889	1712	1448	184	81	3	2	0.00	3.61	0
9430228	9430231	2.70	3 1-	2 ACSR 6/1	0	0	1430	183	27	3	2	0.00	2.82	0
9430229	9430228	2.78	2 1-	2 ACSR 6/1	0	0	1384	183	18	2	1	0.00	2.82	0
9430227	9430231	2.76	9 3-	1/0 ACSR 6/1	1835	1661	1404	183	42	1	1	0.01	3.62	0
9430226	9430227	2.80	7 3-	1/0 ACSR 6/1	1814	1641	1386	183	34	1	1	0.00	3.62	0
9430225	9430226	2.91	1 1-	2 ACSR 6/1	0	0	1337	182	2	0	0	0.00	4.33	0
9430224	9430226	2.88	5 3-	1/0 ACSR 6/1	1777	1606	1356	182	31	1	1	0.01	3.62	0
9430190	9430224	2.91	4 1-	2 ACSR 6/1	0	0	1342	182	27	3	2	0.00	4.34	0
9430191	9430190	2.95	1 1-	2 ACSR 6/1	0	0	1320	182	7	0	1	0.00	4.34	0
9430018	9430224	2.92	0 3-	1/0 ACSR 6/1	1756	1585	1338	182	0	0	0	0.00	3.62	0
09-53-P002-A	9430018	2.92	0 3-	Open	1756	1585	1338	182	0	0	0	0.00	3.62	0
9530022	9530019	2.07	19 1-	2 ACSR 6/1	0	0	1768	187	125	16	9	0.03	3.30	3
D09-53-P005	9530022	2.07	9 1-	RCC-50-H	0	0	1768	187	55	7	14	0.00	3.30	0
9530018	D09-53-P005	2.16	9 1-	2 ACSR 6/1	0	0	1702	186	55	7	4	0.02	3.32	0
9530194	9530018	2.21	8 1-	2 ACSR 6/1	0	0	1662	185	37	4	3	0.01	3.33	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9520136	9530194	2.26	6 1-	2 ACSR 6/1	0	0	1630	185	29	3	2	0.00	3.33	0
9520041	9520136	2.30	3 1- 15 KV	2 URD XLP	0	0	1603	441	22	2	2	0.00	3.34	0
9520033	9520041	2.36	1 1- 15 KV	2 URD XLP	0	0	1567	438	3	0	0	0.00	3.34	0
9520040	9520041	2.35	1 1-	2 ACSR 6/1	0	0	1567	184	6	0	0	0.00	3.34	0
9520034	9520041	2.46	1 1-	2 ACSR 6/1	0	0	1499	183	13	1	1	0.00	3.34	0
9520138	9520136	2.33	2 1-	2 ACSR 6/1	0	0	1585	185	5	0	0	0.00	3.33	0
9520137	9520136	2.30	1 1-	2 ACSR 6/1	0	0	1601	185	2	0	0	0.00	3.33	0
9530193	9530018	2.19	1 1-	2 ACSR 6/1	0	0	1677	186	18	2	1	0.00	3.32	0
9530145	9530022	2.14	10 1-	2 ACSR 6/1	0	0	1719	186	70	9	5	0.02	3.32	0
9530146	9530145	2.27	10 1-	2 ACSR 6/1	0	0	1625	185	70	9	5	0.03	3.35	2
9530231	9530146	2.30	2 1-	2 ACSR 6/1	0	0	1600	185	18	2	1	0.00	3.35	0
9530230	9530146	2.29	6 1-	2 ACSR 6/1	0	0	1607	185	43	5	3	0.00	3.35	0
9520139	9530230	2.32	5 1-	2 ACSR 6/1	0	0	1586	185	27	3	2	0.00	3.36	0
9520111	9520139	2.39	3 1-	2 ACSR 6/1	0	0	1543	184	18	2	1	0.00	3.36	0
9520110	9520111	2.42	1 1- 15 KV	2 URD XLP	0	0	1525	436	8	1	1	0.00	3.36	0
9520109	9520111	2.50	1 1-	2 ACSR 6/1	0	0	1474	183	4	0	0	0.00	3.36	0
9520135	9520139	2.37	2 1-	2 ACSR 6/1	0	0	1558	184	9	1	1	0.00	3.36	0
9530199	9530146	2.27	1 1-	2 ACSR 6/1	0	0	1619	185	4	0	0	0.00	3.35	0
9530222	9530204	1.94	1 1-	2 ACSR 6/1	0	0	1864	187	1	0	0	0.00	2.91	0
9530200	9530203	1.81	1 1-	2 ACSR 6/1	0	0	1974	188	4	0	0	0.00	2.78	0
9520158	9520159	1.72	1 1-	2 ACSR 6/1	0	0	2038	188	1	0	0	0.00	2.55	0
NEW LP5	20850079	1.38	1 3-	Consumer	2977	2786	2412	190	0	0	0	0.00	1.78	0
20850265	9620215	0.82	3 1-	2 ACSR 6/1	0	0	3314	193	10	1	1	0.00	0.67	0
CKT 4 total losses:	\$9,865													

SUB 45, CKT 5

BK4505	SOUTHCORBIN(45)	0.00	169 3-	BK4505	5296	5343	5482	196	1203	51	14	0.00	0.00	0
9720097	BK4505	0.09	169 3-	336 3PSC	5167	5194	5200	196	1203	51	10	0.01	0.01	22
9720098	9720097	0.27	169 3-	336 3PSC	4922	4903	4703	195	1202	51	10	0.02	0.04	44
9620322	9720098	0.32	169 3-	336 ACSR 18/1	4804	4764	4529	195	1202	51	10	0.00	0.05	14
9620274	9620322	0.34	169 3-	4/0 ACSR 6/1	4770	4726	4480	195	1202	51	15	0.00	0.05	6
9620276	9620274	0.39	5 1-	2 ACSR 6/1	0	0	4274	195	21	2	1	0.00	0.04	0
9620275	9620274	0.39	163 3-	4/0 ACSR 6/1	4646	4587	4307	195	1171	50	15	0.01	0.06	20
C09-62-P40	9620275	0.39	0 3-	Capacitor	4646	4587	4307	195	0	-13	0	0.00	0.06	0
9620277	9620275	0.42	163 3-	4/0 ACSR 6/1	4592	4526	4231	195	1171	48	14	0.01	0.07	9
9620278	9620277	0.44	160 3-	4/0 ACSR 6/1	4527	4455	4144	195	1165	48	14	0.01	0.08	10
9620281	9620278	0.49	159 3-	4/0 ACSR 6/1	4437	4354	4024	195	1165	48	14	0.01	0.10	15
9620282	9620281	0.53	16 1-	2 ACSR 6/1	0	0	3873	194	50	6	3	0.01	0.19	0
9620284	9620282	0.55	15 1-	2 ACSR 6/1	0	0	3804	194	46	5	3	0.00	0.19	0
9620285	9620284	0.57	14 1-	2 ACSR 6/1	0	0	3762	194	43	5	3	0.00	0.19	0
9620286	9620285	0.60	13 1-	2 ACSR 6/1	0	0	3660	194	42	5	3	0.01	0.20	0
9620287	9620286	0.62	12 1-	2 ACSR 6/1	0	0	3599	193	42	5	3	0.00	0.20	0
9620289	9620287	0.68	4 1-	2 ACSR 6/1	0	0	3443	193	18	2	1	0.00	0.20	0
9620266	9620289	0.72	1 1-	2 ACSR 6/1	0	0	3311	193	5	0	0	0.00	0.20	0
9620288	9620287	0.63	2 1-	2 ACSR 6/1	0	0	3557	193	9	1	1	0.00	0.20	0
9620267	9620287	0.65	6 1-	2 ACSR 6/1	0	0	3499	193	15	1	1	0.00	0.20	0
9620283	9620282	0.60	1 1-	2 ACSR 6/1	0	0	3646	194	4	0	0	0.00	0.19	0
9620279	9620281	0.52	12 1-	2 ACSR 6/1	0	0	3909	194	58	7	4	0.01	0.19	0
9620180	9620279	0.56	11 1-	2 ACSR 6/1	0	0	3798	194	52	6	4	0.01	0.19	0
9620181	9620180	0.61	10 1-	2 ACSR 6/1	0	0	3638	194	44	5	3	0.01	0.20	0
9620225	9620181	0.67	7 1-	2 ACSR 6/1	0	0	3457	193	27	3	2	0.01	0.21	0
9620172	9620225	0.70	6 1-	2 ACSR 6/1	0	0	3372	193	20	2	1	0.00	0.21	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9620173	9620172	0.74	4 1-	2 ACSR 6/1	0	0	3272	193	10	1	1	0.00	0.21	0
9620174	9620173	0.77	2 1-	2 ACSR 6/1	0	0	3185	192	5	0	0	0.00	0.21	0
9620175	9620174	0.80	2 1-	2 ACSR 6/1	0	0	3124	192	5	0	0	0.00	0.21	0
9620224	9620181	0.63	2 1-	2 ACSR 6/1	0	0	3572	193	13	1	1	0.00	0.20	0
9620280	9620281	0.55	129 3-	4/0 ACSR 6/1	4308	4211	3854	194	1048	43	13	0.03	0.12	18
9620310	9620280	0.66	128 3-	4/0 ACSR 6/1	4100	3984	3592	194	1033	43	13	0.04	0.15	30
9620177	9620310	0.71	128 3-	4/0 ACSR 6/1	4013	3889	3486	194	1032	43	13	0.02	0.17	13
9630131	9620177	0.75	51 3-	4/0 ACSR 6/1	3937	3807	3394	194	191	8	2	0.00	0.17	0
9630132	9630131	0.79	12 1-	2 ACSR 6/1	0	0	3296	193	37	4	3	0.00	0.08	0
9630133	9630132	0.82	8 1-	2 ACSR 6/1	0	0	3219	193	21	2	1	0.00	0.09	0
9630134	9630133	0.87	3 1-	2 ACSR 6/1	0	0	3118	193	9	1	1	0.00	0.09	0
9630126	9630131	0.80	39 3-	4/0 ACSR 6/1	3856	3720	3299	194	154	6	2	0.00	0.17	0
9620263	9630126	0.84	24 3-	4/0 ACSR 6/1	3798	3659	3232	193	69	2	1	0.00	0.17	0
9620302	9620263	0.87	17 1-	2 ACSR 6/1	0	0	3155	193	51	6	4	0.01	0.17	0
9620179	9620302	0.90	11 1-	2 ACSR 6/1	0	0	3096	193	35	4	2	0.00	0.17	0
9620178	9620179	0.95	3 1-	2 ACSR 6/1	0	0	2981	192	10	1	1	0.00	0.17	0
9620260	9630126	0.84	15 3-	4/0 ACSR 6/1	3799	3659	3232	193	84	3	1	0.00	0.17	0
9620262	9620260	0.85	5 1-	2 ACSR 6/1	0	0	3192	193	25	3	2	0.00	0.16	0
9620261	9620262	0.87	2 1-	2 ACSR 6/1	0	0	3153	193	8	0	1	0.00	0.16	0
9620264	9620260	0.86	9 1-	2 ACSR 6/1	0	0	3176	193	40	5	3	0.00	0.29	0
9620265	9620264	0.91	1 1-	2 ACSR 6/1	0	0	3057	193	17	2	1	0.00	0.29	0
9620176	9620264	0.89	1 1-	2 ACSR 6/1	0	0	3121	193	7	0	1	0.00	0.29	0
9630170	9620177	0.77	74 3-	4/0 ACSR 6/1	3901	3769	3352	194	815	34	10	0.02	0.18	11
9630135	9630170	0.78	1 3-	4/0 ACSR 6/1	3884	3750	3331	194	2	0	0	0.00	0.18	0
9630171	9630170	0.82	69 3-	4/0 ACSR 6/1	3829	3691	3267	193	799	33	10	0.01	0.19	7
C09-63-P128	9630171	0.82	0 3-	Capacitor	3829	3691	3267	193	0	-13	0	0.00	0.19	0
9630172	9630171	0.86	69 3-	4/0 ACSR 6/1	3758	3616	3185	193	799	36	11	0.02	0.21	9
9630174	9630172	0.94	51 3-	4/0 ACSR 6/1	3647	3498	3059	193	714	32	10	0.04	0.24	12
9630136	9630174	1.00	46 3-	4/0 ACSR 6/1	3558	3404	2959	193	697	32	9	0.03	0.26	9
9630137	9630136	1.03	46 3-	4/0 ACSR 6/1	3518	3361	2915	193	697	32	9	0.01	0.27	4
9630180	9630137	1.11	41 3-	4/0 ACSR 6/1	3404	3243	2791	192	655	30	9	0.04	0.30	11
9630181	9630180	1.20	2 1-	2 ACSR 6/1	0	0	2640	192	8	1	1	0.00	0.33	0
9630182	9630181	1.25	2 1-	2 ACSR 6/1	0	0	2570	191	8	1	1	0.00	0.34	0
9630150	9630182	1.27	1 1-	2 ACSR 6/1	0	0	2525	191	2	0	0	0.00	0.34	0
9630155	9630180	1.22	31 3-	4/0 ACSR 6/1	3267	3101	2646	192	620	28	9	0.05	0.34	13
9630156	9630155	1.33	29 3-	4/0 ACSR 6/1	3145	2974	2519	192	614	28	8	0.05	0.38	13
9630130	9630156	1.41	2 1-	2 ACSR 6/1	0	0	2411	191	6	0	0	0.00	0.43	0
D09-63-P365	9630130	1.41	1 1-	FUS-40	0	0	2411	191	4	0	1	0.00	0.43	0
9630157	D09-63-P365	1.47	1 1-	2 ACSR 6/1	0	0	2328	191	4	0	0	0.00	0.43	0
9630209	9630156	1.44	8 3-	4/0 ACSR 6/1	3035	2862	2408	191	200	9	3	0.01	0.39	1
9630220	9630209	1.48	1 3-	4/0 ACSR 6/1	2993	2820	2366	191	98	4	1	0.00	0.39	0
9630159	9630220	1.49	1 3-	4/0 ACSR 6/1	2978	2804	2351	191	98	4	1	0.00	0.39	0
9630162	9630159	1.50	0 3-	4/0 ACSR 6/1	2973	2799	2346	191	0	0	0	0.00	0.39	0
9630163	9630162	1.50	0 3-	4/0 ACSR 6/1	2967	2793	2340	191	0	0	0	0.00	0.39	0
9630164	9630163	1.53	0 3-	4/0 ACSR 6/1	2943	2769	2317	191	0	0	0	0.00	0.39	0
9630166	9630164	1.55	0 3-	4/0 ACSR 6/1	2916	2742	2290	191	0	0	0	0.00	0.39	0
9630165	9630164	1.54	0 3-	4/0 ACSR 6/1	2928	2753	2301	191	0	0	0	0.00	0.39	0
9630121	9630220	1.58	0 3-	4/0 ACSR 6/1	2894	2719	2268	191	0	0	0	0.00	0.39	0
9630210	9630209	1.45	7 3-	4/0 ACSR 6/1	3018	2845	2390	191	102	4	1	0.00	0.39	0
9630013	9630210	1.48	7 3-	4/0 ACSR 6/1	2992	2819	2365	191	102	4	1	0.00	0.39	0
9630222	9630013	1.51	2 3-	4/0 ACSR 6/1	2962	2788	2335	191	64	2	1	0.00	0.39	0
9630219	9630013	1.53	5 3-	4/0 ACSR 6/1	2939	2765	2312	191	38	1	1	0.00	0.39	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9630017	9630156	1.40	19 3-	4/0 ACSR 6/1	3070	2898	2444	191	407	18	6	0.02	0.39	4
9630201	9630017	1.43	16 3-	4/0 ACSR 6/1	3044	2871	2416	191	399	18	5	0.01	0.40	1
9630128	9630201	1.46	15 3-	4/0 ACSR 6/1	3011	2838	2384	191	398	18	5	0.01	0.40	2
D09-63-P286	9630128	1.46	15 3-	REC-100-6H	3011	2838	2384	191	398	18	19	0.00	0.40	0
9630127	D09-63-P286	1.48	15 3-	4/0 ACSR 6/1	2991	2817	2364	191	398	18	5	0.01	0.41	0
9630202	9630127	1.54	9 3-	4/0 ACSR 6/1	2931	2757	2304	191	289	13	4	0.02	0.42	2
9630203	9630202	1.55	9 3-	4/0 ACSR 6/1	2922	2747	2295	191	289	13	4	0.00	0.42	0
9630204	9630203	1.61	6 3-	4/0 ACSR 6/1	2861	2686	2236	191	220	10	3	0.02	0.43	1
9630148	9630204	1.63	2 3-	4/0 ACSR 6/1	2841	2666	2217	191	99	4	1	0.00	0.43	0
9631420	9630148	1.63	2 3-	Consumer	2841	2666	2217	191	99	4	0	0.00	0.43	0
9630014	9630204	1.66	4 3-	4/0 ACSR 6/1	2821	2646	2197	191	121	5	2	0.01	0.43	0
9630214	9630014	1.76	2 1-	2 ACSR 6/1	0	0	2083	190	52	7	4	0.01	0.53	0
9630215	9630214	1.80	1 1-	2 ACSR 6/1	0	0	2045	189	3	0	0	0.00	0.53	0
9630147	9630014	1.69	2 3-	4/0 ACSR 6/1	2794	2619	2172	191	69	3	1	0.00	0.43	0
9630146	9630147	1.70	1 3-	4/0 ACSR 6/1	2784	2608	2161	190	35	1	0	0.00	0.43	0
9630149	9630146	1.74	1 3-	4/0 ACSR 6/1	2752	2576	2131	190	35	1	0	0.00	0.43	0
9630207	9630203	1.61	2 3-	4/0 ACSR 6/1	2864	2689	2239	191	67	3	1	0.00	0.42	0
9630189	9630207	1.67	1 3-	4/0 ACSR 6/1	2810	2635	2187	191	53	2	1	0.00	0.42	0
9630200	9630127	1.50	6 3-	4/0 ACSR 6/1	2969	2795	2342	191	109	4	1	0.00	0.41	0
9630208	9630200	1.51	2 1-	2 ACSR 6/1	0	0	2334	191	27	3	2	0.00	0.28	0
9630187	9630017	1.48	2 1-	2 ACSR 6/1	0	0	2336	191	7	0	0	0.00	0.26	0
9630188	9630187	1.52	1 1-	2 ACSR 6/1	0	0	2286	191	3	0	0	0.00	0.26	0
9630151	9630180	1.16	7 3-	4/0 ACSR 6/1	3343	3179	2725	192	23	0	0	0.00	0.30	0
9630152	9630151	1.19	6 3-	4/0 ACSR 6/1	3307	3142	2688	192	18	0	0	0.00	0.30	0
9630153	9630152	1.28	5 3-	4/0 ACSR 6/1	3201	3032	2577	192	18	0	0	0.00	0.30	0
9630154	9630153	1.42	4 1-	2 ACSR 6/1	0	0	2373	191	17	2	1	0.00	0.40	0
9630179	9630137	1.08	2 1-	2 ACSR 6/1	0	0	2813	192	21	2	1	0.00	0.30	0
9630178	9630174	0.97	5 1-	2 ACSR 6/1	0	0	2991	193	17	2	1	0.00	0.25	0
9630173	9630172	0.98	10 1-	2 ACSR 6/1	0	0	2936	192	57	7	4	0.02	0.34	0
9630176	9630173	0.99	1 1-	2 ACSR 6/1	0	0	2907	192	4	0	0	0.00	0.34	0
9630177	9630173	1.03	7 1-	2 ACSR 6/1	0	0	2835	192	52	6	4	0.01	0.35	0
9630124	9630177	1.49	6 1-	2 ACSR 6/1	0	0	2144	188	47	6	3	0.08	0.43	3
9730055	9630124	1.59	5 1-	2 ACSR 6/1	0	0	2033	188	47	5	3	0.01	0.43	0
9630161	9630172	0.90	5 1-	2 ACSR 6/1	0	0	3108	193	27	3	2	0.00	0.22	0
9630175	9630161	0.96	3 1-	2 ACSR 6/1	0	0	2983	193	19	2	1	0.00	0.22	0
9630125	9630175	0.99	1 1-	2 ACSR 6/1	0	0	2914	192	7	0	0	0.00	0.22	0
9630015	9620177	0.73	3 1-	2 ACSR 6/1	0	0	3426	194	27	3	2	0.00	0.27	0

CKT 5 total losses: \$304

SUB 45 total losses: \$19,900

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 48	NORTHCORBIN(48)	1600			5543	5608	5731	196	9574						
SUB 48,	CKT 1														
BK4801	NORTHCORBIN(48)	0.00	253 3-	BK4801	5543	5608	5731	196	1376	57 34	0.00	0.00	0.00	0	0
9370076	BK4801	0.02	253 3-	1/0 3PSC	5498	5547	5616	196	1376	57 25	0.01	0.01	0.01	17	0
9370073	9370076	0.07	223 3-	1/0 3PSC	5369	5367	5301	196	1252	52 23	0.01	0.05	0.05	43	0
9370074	9370073	0.09	0 3-	4/0 ACSR 6/1	5312	5303	5213	196	0	0 0	0.00	0.05	0.05	0	0
9370075	9370073	0.17	223 3-	1/0 3PSC	5134	5044	4788	195	1252	52 23	0.02	0.12	0.12	80	0
9270040	9370075	0.21	223 3-	4/0 ACSR 6/1	5003	4899	4607	195	1251	52 15	0.00	0.14	0.14	20	0
9270087	9270040	0.30	219 3-	4/0 ACSR 6/1	4777	4652	4306	195	1233	51 15	0.01	0.17	0.17	36	0
9270089	9270087	0.31	1 3-	4/0 ACSR 6/1	4755	4628	4278	195	1	0 0	0.00	0.17	0.17	0	0
9270090	9270089	0.54	1 3- 25	KV 1/0 URD X	4430	4333	3934	499	1	0 0	0.00	0.17	0.17	0	0
9270088	9270087	0.31	218 3-	4/0 ACSR 6/1	4754	4627	4277	195	1232	51 15	0.00	0.17	0.17	4	0
9270041	9270088	0.33	216 3-	4/0 ACSR 6/1	4701	4569	4209	194	1224	51 15	0.00	0.18	0.18	9	0
9270091	9270041	0.37	215 3- 15	KV 4/0 URD X	4668	4545	4173	508	1218	50 21	0.01	0.19	0.19	18	0
9270093	9270091	0.43	3 1- 15	KV 2 URD XLP	0	0	4004	504	17	2 1	0.00	0.28	0.28	0	0
9370188	9270093	0.46	1 1- 15	KV 2 URD XLP	0	0	3895	501	8	0 1	0.00	0.28	0.28	0	0
9370189	9370188	0.49	1 1- 15	KV 2 URD XLP	0	0	3808	499	8	0 1	0.00	0.29	0.29	0	0
9370190	9370189	0.53	1 1- 15	KV 2 URD XLP	0	0	3682	495	8	0 1	0.00	0.29	0.29	0	0
9370191	9370190	0.55	1 1- 15	KV 2 URD XLP	0	0	3626	494	8	0 1	0.00	0.29	0.29	0	0
9270092	9270091	0.52	212 3- 15	KV 4/0 URD X	4550	4454	4046	504	1201	50 21	0.03	0.25	0.25	60	0
9370134	9270092	0.56	3 1- 15	KV 2 URD XLP	0	0	3910	501	12	1 1	0.00	0.09	0.09	0	0
9370163	9270092	0.56	208 3-	4/0 ACSR 6/1	4444	4337	3914	194	1187	49 15	0.00	0.26	0.26	18	0
9370148	9370163	0.61	16 1- 15	KV 2 URD XLP	0	0	3792	500	85	10 6	0.02	0.40	0.40	1	0
9370128	9370148	0.63	10 1- 15	KV 2 URD XLP	0	0	3716	498	60	7 4	0.01	0.40	0.40	0	0
9370130	9370128	0.67	3 1- 15	KV 2 URD XLP	0	0	3603	495	16	2 1	0.00	0.41	0.41	0	0
9370131	9370130	0.72	3 1- 15	KV 2 URD XLP	0	0	3475	492	16	2 1	0.00	0.41	0.41	0	0
9370132	9370131	0.77	1 1- 15	KV 2 URD XLP	0	0	3323	487	5	0 0	0.00	0.41	0.41	0	0
9370133	9370132	0.81	1 1- 15	KV 2 URD XLP	0	0	3299	485	5	0 0	0.00	0.41	0.41	0	0
9370129	9370128	0.70	7 1- 15	KV 2 URD XLP	0	0	3530	493	43	5 3	0.01	0.42	0.42	0	0
9370127	9370129	0.75	7 1- 15	KV 2 URD XLP	0	0	3385	489	43	5 3	0.01	0.43	0.43	0	0
9370126	9370127	0.78	6 1- 15	KV 2 URD XLP	0	0	3312	487	41	5 3	0.01	0.43	0.43	0	0
9370184	9370126	0.82	4 1- 15	KV 2 URD XLP	0	0	3200	484	26	3 2	0.01	0.44	0.44	0	0
9370186	9370184	0.91	2 1- 15	KV 2 URD XLP	0	0	2977	477	12	1 1	0.00	0.44	0.44	0	0
9370187	9370186	0.97	1 1- 15	KV 2 URD XLP	0	0	2861	474	11	1 1	0.00	0.45	0.45	0	0
9370185	9370187	1.01	0 1- 15	KV 2 URD XLP	0	0	2760	470	0	0 0	0.00	0.45	0.45	0	0
9370183	9370184	0.85	2 1- 15	KV 2 URD XLP	0	0	3131	482	15	1 1	0.00	0.44	0.44	0	0
9370182	9370183	0.90	1 1- 15	KV 2 URD XLP	0	0	3014	478	6	0 0	0.00	0.44	0.44	0	0
9370125	9370126	0.82	2 1- 15	KV 2 URD XLP	0	0	3200	484	14	1 1	0.00	0.43	0.43	0	0
9370122	9370148	0.64	5 1- 15	KV 2 URD XLP	0	0	3678	497	22	2 2	0.00	0.40	0.40	0	0
9370123	9370122	0.68	3 1- 15	KV 2 URD XLP	0	0	3574	494	11	1 1	0.00	0.40	0.40	0	0
9370124	9370123	0.72	1 1- 15	KV 2 URD XLP	0	0	3464	491	4	0 0	0.00	0.40	0.40	0	0
9370164	9370163	0.62	191 3-	4/0 ACSR 6/1	4323	4202	3765	193	1100	45 14	0.01	0.28	0.28	18	0
D09-37-P009	9370164	0.62	13 1-	FUS	0	0	3765	193	26	3 75	0.00	0.10	0.10	0	0
9370115	D09-37-P009	0.71	13 1-	2 ACSR 6/1	0	0	3498	193	26	3 2	0.01	0.11	0.11	0	0
9270066	9370115	0.77	9 1-	2 ACSR 6/1	0	0	3323	192	18	2 1	0.00	0.11	0.11	0	0
9270067	9270066	0.83	5 1-	2 ACSR 6/1	0	0	3183	192	11	1 1	0.00	0.12	0.12	0	0
9270042	9270067	0.89	3 1-	2 ACSR 6/1	0	0	3022	191	6	0 0	0.00	0.12	0.12	0	0
9270045	9270042	0.96	2 1-	2 ACSR 6/1	0	0	2873	191	5	0 0	0.00	0.12	0.12	0	0
9270065	9370115	0.73	3 1-	2 ACSR 6/1	0	0	3438	193	4	0 0	0.00	0.11	0.11	0	0
9270084	9270065	0.78	1 1- 15	KV 2 URD XLP	0	0	3313	492	0	0 0	0.00	0.11	0.11	0	0
9370150	9370164	0.73	178 3-	4/0 ACSR 6/1	4100	3958	3499	193	1074	44 13	0.01	0.31	0.31	34	0
9370152	9370150	0.77	157 3-	4/0 ACSR 6/1	4033	3885	3422	193	986	41 12	0.00	0.32	0.32	10	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9370153	9370152	0.81	142 3-	4/0 ACSR 6/1	3955	3802	3333	193	925	38	11	0.00	0.33	12
D09-37-P005	9370153	0.81	31 1-	REC-70-L	0	0	3333	193	101	12	18	0.00	0.46	0
9370154	D09-37-P005	0.88	31 1-	2 ACSR 6/1	0	0	3176	192	101	12	7	0.02	0.48	2
9370169	9370154	0.92	12 1-	2 ACSR 6/1	0	0	3069	192	38	4	3	0.01	0.49	0
9370170	9370169	0.97	10 1-	2 ACSR 6/1	0	0	2965	192	32	4	2	0.01	0.49	0
9370171	9370170	0.99	8 1-	2 ACSR 6/1	0	0	2920	191	28	3	2	0.00	0.49	0
9370174	9370171	1.04	6 1-	2 ACSR 6/1	0	0	2827	191	21	2	2	0.00	0.50	0
9370175	9370174	1.08	3 1-	2 ACSR 6/1	0	0	2753	191	9	1	1	0.00	0.50	0
9370173	9370175	1.11	1 1-	2 ACSR 6/1	0	0	2688	190	6	0	0	0.00	0.50	0
9370172	9370171	1.06	2 1-	2 ACSR 6/1	0	0	2782	191	7	0	0	0.00	0.49	0
9370155	9370154	0.92	18 1-	2 ACSR 6/1	0	0	3086	192	59	7	4	0.01	0.49	0
9370156	9370155	0.95	15 1-	2 ACSR 6/1	0	0	3018	192	48	6	3	0.01	0.49	0
9370157	9370156	0.98	14 1-	2 ACSR 6/1	0	0	2950	192	45	5	3	0.00	0.50	0
9370158	9370157	1.04	12 1-	2 ACSR 6/1	0	0	2830	191	40	5	3	0.01	0.51	0
9370160	9370158	1.10	8 1-	2 ACSR 6/1	0	0	2703	191	22	2	2	0.00	0.51	0
9370162	9370160	1.14	6 1-	2 ACSR 6/1	0	0	2642	190	16	2	1	0.00	0.51	0
9370166	9370162	1.16	5 1-	2 ACSR 6/1	0	0	2599	190	15	1	1	0.00	0.51	0
9370167	9370166	1.19	3 1-	2 ACSR 6/1	0	0	2549	190	10	1	1	0.00	0.51	0
9370168	9370167	1.26	2 1-	2 ACSR 6/1	0	0	2444	189	8	0	1	0.00	0.52	0
9370161	9370160	1.16	1 1-	2 ACSR 6/1	0	0	2595	190	3	0	0	0.00	0.51	0
9370159	9370158	1.06	1 1-	2 ACSR 6/1	0	0	2785	191	6	0	0	0.00	0.51	0
9370118	9370153	0.87	111 3-	4/0 ACSR 6/1	3863	3703	3230	193	824	34	10	0.00	0.34	11
9360071	9370118	0.91	1 1-	2 ACSR 6/1	0	0	3134	192	2	0	0	0.00	0.11	0
9360067	9370118	1.01	109 3-	4/0 ACSR 6/1	3640	3468	2986	192	818	34	10	0.00	0.37	29
D09-36-P010	9360067	1.01	38 1-	REC-70-L	0	0	2986	192	157	19	28	0.00	0.48	0
9360027	D09-36-P010	1.10	38 1-	2 ACSR 6/1	0	0	2796	191	157	19	11	0.05	0.53	6
9260059	9360027	1.15	4 1-	2 ACSR 6/1	0	0	2706	191	21	2	2	0.00	0.54	0
9260060	9260059	1.20	2 1-	2 ACSR 6/1	0	0	2631	191	16	2	1	0.00	0.54	0
9260084	9360027	1.17	33 1-	2 ACSR 6/1	0	0	2679	191	132	16	9	0.03	0.56	3
9260087	9260084	1.19	31 1-	2 ACSR 6/1	0	0	2634	191	125	15	9	0.01	0.57	1
9260088	9260087	1.22	30 1-	2 ACSR 6/1	0	0	2584	190	123	15	9	0.01	0.59	1
9260090	9260088	1.29	28 1-	2 ACSR 6/1	0	0	2483	190	118	14	8	0.03	0.61	2
9260091	9260090	1.43	24 1-	2 ACSR 6/1	0	0	2273	189	113	14	8	0.06	0.67	5
9260095	9260091	1.49	14 1-	2 ACSR 6/1	0	0	2197	188	67	8	5	0.01	0.68	0
9260096	9260095	1.55	13 1-	2 ACSR 6/1	0	0	2124	188	65	8	5	0.01	0.70	0
9260098	9260096	1.66	12 1-	2 ACSR 6/1	0	0	2007	187	60	7	4	0.02	0.72	0
9260099	9260098	1.74	1 1-	2 ACSR 6/1	0	0	1919	186	3	0	0	0.00	0.72	0
9260100	9260098	1.70	10 1-	2 ACSR 6/1	0	0	1959	187	53	6	4	0.01	0.73	0
9260102	9260100	1.77	7 1-	2 ACSR 6/1	0	0	1895	186	34	4	2	0.01	0.74	0
9260046	9260102	1.86	5 1-	2 ACSR 6/1	0	0	1812	185	31	3	2	0.01	0.74	0
9260047	9260046	1.89	4 1-	2 ACSR 6/1	0	0	1790	185	23	2	2	0.00	0.75	0
9260048	9260047	1.91	3 1-	2 ACSR 6/1	0	0	1768	185	16	1	1	0.00	0.75	0
9260049	9260048	1.95	1 1-	2 ACSR 6/1	0	0	1738	185	4	0	0	0.00	0.75	0
9260101	9260100	1.81	2 1-	2 ACSR 6/1	0	0	1861	186	17	2	1	0.00	0.73	0
9260045	9260101	1.85	1 1-	2 ACSR 6/1	0	0	1823	186	7	0	0	0.00	0.73	0
9260044	9260045	1.88	0 1-	2 ACSR 6/1	0	0	1794	185	0	0	0	0.00	0.73	0
9260097	9260096	1.62	0 1-	2 ACSR 6/1	0	0	2052	187	0	0	0	0.00	0.70	0
9260086	9260091	1.49	8 1-	2 ACSR 6/1	0	0	2197	188	36	4	3	0.01	0.68	0
9260093	9260086	1.51	5 1-	2 ACSR 6/1	0	0	2171	188	23	2	2	0.00	0.68	0
9260094	9260093	1.55	4 1-	2 ACSR 6/1	0	0	2128	188	17	2	1	0.00	0.68	0
9260089	9260088	1.35	2 1-	2 ACSR 6/1	0	0	2382	189	5	0	0	0.00	0.59	0
9260085	9260084	1.22	1 1-	2 ACSR 6/1	0	0	2592	190	3	0	0	0.00	0.56	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9260105	9260085	1.30	1 1-	15 KV 2 URD XLP	0	0	2473	475	3	0	0	0.00	0.56	0
9360066	9360067	1.12	5 1-	2 ACSR 6/1	0	0	2773	191	18	2	1	0.01	0.49	0
D09-36-P012	9360066	1.12	5 1-	FUS-30	0	0	2773	191	18	2	8	0.00	0.49	0
9360040	D09-36-P012	1.20	5 1-	2 ACSR 6/1	0	0	2629	191	18	2	1	0.00	0.49	0
9360041	9360040	1.27	4 1-	2 ACSR 6/1	0	0	2505	190	16	1	1	0.00	0.49	0
9360043	9360041	1.40	2 1-	2 ACSR 6/1	0	0	2316	189	8	0	1	0.00	0.50	0
9360044	9360043	1.51	1 1-	2 ACSR 6/1	0	0	2181	188	2	0	0	0.00	0.50	0
9360042	9360041	1.38	2 1-	2 ACSR 6/1	0	0	2349	189	8	1	1	0.00	0.50	0
9360065	9360067	1.07	64 3-	4/0 ACSR 6/1	3552	3376	2893	192	638	27	8	0.01	0.38	9
9360045	9360065	1.10	61 3-	4/0 ACSR 6/1	3509	3331	2847	192	626	26	8	0.00	0.38	4
9360046	9360045	1.18	59 3-	4/0 ACSR 6/1	3407	3225	2741	192	621	26	8	0.01	0.39	10
9360054	9360046	1.22	58 3-	4/0 ACSR 6/1	3356	3173	2690	191	616	26	8	0.01	0.40	5
9360055	9360054	1.27	57 3-	4/0 ACSR 6/1	3291	3106	2623	191	609	26	8	0.01	0.41	7
C09-36-P22	9360055	1.27	0 3-	Capacitor	3291	3106	2623	191	0	-13	0	0.00	0.41	0
9360056	9360055	1.32	57 3-	4/0 ACSR 6/1	3228	3041	2560	191	609	27	8	0.02	0.42	7
9360057	9360056	1.39	56 3-	4/0 ACSR 6/1	3143	2955	2476	191	603	27	8	0.02	0.44	10
D09-36-P027	9360057	1.39	44 1-	REC-70-L	0	0	2476	191	167	21	30	0.00	0.69	0
9360058	D09-36-P027	1.41	44 1-	2 ACSR 6/1	0	0	2447	191	167	21	12	0.01	0.71	2
9360069	9360058	1.49	2 1-	2 ACSR 6/1	0	0	2347	190	9	1	1	0.00	0.71	0
9360064	9360058	1.47	40 1-	2 ACSR 6/1	0	0	2373	190	155	19	11	0.03	0.73	3
9360062	9360064	1.49	37 1-	2 ACSR 6/1	0	0	2340	190	149	18	10	0.01	0.75	1
9360063	9360062	1.55	4 1-	2 ACSR 6/1	0	0	2262	190	20	2	1	0.00	0.75	0
9360070	9360063	1.57	3 1-	2 ACSR 6/1	0	0	2241	189	11	1	1	0.00	0.75	0
9360060	9360062	1.54	30 1-	2 ACSR 6/1	0	0	2278	190	117	14	8	0.02	0.77	2
9360059	9360060	1.67	27 1-	2 ACSR 6/1	0	0	2123	189	106	13	7	0.05	0.81	4
9260054	9360059	1.70	26 1-	2 ACSR 6/1	0	0	2090	188	104	13	7	0.01	0.82	0
9260057	9260054	1.73	25 1-	2 ACSR 6/1	0	0	2050	188	96	12	7	0.01	0.84	0
9260058	9260057	1.79	12 1-	2 ACSR 6/1	0	0	1986	188	45	5	3	0.01	0.85	0
9260061	9260058	1.84	2 1-	2 ACSR 6/1	0	0	1937	187	10	1	1	0.00	0.85	0
9260080	9260058	1.82	10 1-	2 ACSR 6/1	0	0	1955	187	36	4	3	0.00	0.85	0
9260081	9260080	1.85	5 1-	2 ACSR 6/1	0	0	1928	187	18	2	1	0.00	0.85	0
9260083	9260081	1.91	2 1-	2 ACSR 6/1	0	0	1878	187	9	1	1	0.00	0.85	0
9260082	9260081	1.92	3 1-	2 ACSR 6/1	0	0	1869	187	9	1	1	0.00	0.85	0
9260056	9260057	1.79	6 1-	2 ACSR 6/1	0	0	1888	188	27	3	2	0.01	0.84	0
9260051	9260056	1.88	6 1-	2 ACSR 6/1	0	0	1901	187	27	3	2	0.01	0.85	0
9260052	9260051	1.93	5 1-	2 ACSR 6/1	0	0	1854	187	25	3	2	0.00	0.86	0
9260062	9260052	2.00	2 1-	2 ACSR 6/1	0	0	1799	186	10	1	1	0.00	0.86	0
9260103	9260062	2.05	2 1-	15 KV 2 URD XLP	0	0	1756	447	10	1	1	0.00	0.86	0
9260053	9260052	1.97	3 1-	2 ACSR 6/1	0	0	1822	186	14	1	1	0.00	0.86	0
9260104	9260053	2.03	2 1-	15 KV 2 URD XLP	0	0	1774	448	11	1	1	0.00	0.86	0
9260050	9260056	1.84	0 1-	2 ACSR 6/1	0	0	1938	187	0	0	0	0.00	0.84	0
9260055	9260057	1.77	6 1-	2 ACSR 6/1	0	0	2011	188	22	2	2	0.00	0.84	0
9260092	9260055	1.87	5 1-	2 ACSR 6/1	0	0	1916	187	17	2	1	0.00	0.85	0
9360049	9260092	1.89	3 1-	2 ACSR 6/1	0	0	1894	187	11	1	1	0.00	0.85	0
9360050	9360049	1.92	2 1-	2 ACSR 6/1	0	0	1868	187	9	1	1	0.00	0.85	0
9360051	9360050	1.95	1 1-	2 ACSR 6/1	0	0	1839	186	6	0	0	0.00	0.85	0
9360061	9360057	1.44	12 3-	4/0 ACSR 6/1	3089	2900	2423	191	435	20	6	0.01	0.45	3
9360068	9360061	1.52	11 3-	4/0 ACSR 6/1	3007	2817	2343	190	426	19	6	0.02	0.47	4
9360072	9360068	1.57	10 3-	4/0 ACSR 6/1	2955	2765	2293	190	425	19	6	0.01	0.48	3
9360073	9360072	1.62	9 3-	4/0 ACSR 6/1	2913	2723	2254	190	419	19	6	0.01	0.49	2
9360560	9360073	1.62	2 3-	Consumer	2913	2723	2254	190	166	7	0	0.00	0.49	0
9360052	9360073	1.63	7 3-	4/0 ACSR 6/1	2903	2713	2245	190	253	11	3	0.00	0.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9360053	9360052	1.76	4 3-	4/0 ACSR 6/1	2783	2593	2132	190	240	11	3	0.02	0.51	2
9360048	9360053	1.79	1 3-	4/0 ACSR 6/1	2750	2561	2102	190	13	0	0	0.00	0.51	0
9360047	9360053	1.83	2 3-	4/0 ACSR 6/1	2719	2530	2073	189	227	10	3	0.01	0.52	1
9360074	9360047	1.86	2 3- 15	KV 2 URD XLP	2697	2507	2055	470	227	10	6	0.01	0.53	2
9360530	9360074	1.86	2 3-	Consumer	2697	2507	2055	470	227	10	0	0.00	0.53	0
9370151	9370152	0.83	14 1-	2 ACSR 6/1	0	0	3265	192	55	6	4	0.01	0.12	0
9270051	9370151	0.88	12 1- 15	KV 2 URD XLP	0	0	3161	491	45	5	3	0.01	0.13	0
9270058	9270051	0.93	10 1- 15	KV 2 URD XLP	0	0	3041	487	38	4	3	0.01	0.14	0
9270059	9270058	0.99	8 1- 15	KV 2 URD XLP	0	0	2917	482	30	3	2	0.01	0.15	0
9270083	9270059	1.10	1 1- 15	KV 2 URD XLP	0	0	2706	475	1	0	0	0.00	0.15	0
9260107	9270083	1.17	0 1- 15	KV 2 URD XLP	0	0	2577	470	0	0	0	0.00	0.15	0
9260108	9270083	1.15	1 1- 15	KV 2 URD XLP	0	0	2629	472	1	0	0	0.00	0.15	0
9270046	9270059	1.05	5 1- 15	KV 2 URD XLP	0	0	2807	478	18	2	1	0.00	0.15	0
9270057	9270046	1.11	3 1- 15	KV 2 URD XLP	0	0	2698	474	15	1	1	0.00	0.16	0
9270082	9270057	1.17	1 1- 15	KV 2 URD XLP	0	0	2591	470	3	0	0	0.00	0.16	0
9270081	9270082	1.28	1 1-	2 ACSR 6/1	0	0	2402	188	3	0	0	0.00	0.16	0
9370165	9370150	0.79	19 1-	2 ACSR 6/1	0	0	3354	193	84	10	6	0.02	0.13	0
9270060	9370165	0.82	17 1- 15	KV 2 URD XLP	0	0	3272	493	81	10	6	0.01	0.14	0
9270071	9270060	0.87	14 1- 15	KV 2 URD XLP	0	0	3170	490	70	8	5	0.01	0.16	0
9270048	9270071	0.98	3 1- 15	KV 2 URD XLP	0	0	2934	482	17	2	1	0.00	0.16	0
9270047	9270071	0.97	9 1- 15	KV 2 URD XLP	0	0	2953	482	47	5	3	0.02	0.18	0
9270053	9270047	1.03	8 1- 15	KV 2 URD XLP	0	0	2830	478	40	5	3	0.01	0.19	0
9270054	9270053	1.09	6 1- 15	KV 2 URD XLP	0	0	2715	474	30	3	2	0.01	0.20	0
9270055	9270054	1.14	4 1- 15	KV 2 URD XLP	0	0	2613	470	21	2	2	0.00	0.20	0
9270056	9270055	1.19	2 1- 15	KV 2 URD XLP	0	0	2538	467	15	1	1	0.00	0.20	0
9270050	9270056	1.25	1 1- 15	KV 2 URD XLP	0	0	2439	463	7	0	1	0.00	0.20	0
9270049	9270041	0.36	1 1- 15	KV 2 URD XLP	0	0	4115	506	6	0	0	0.00	0.26	0
9270063	9270088	0.34	2 1-	1/0 ACSR 6/1	0	0	4158	194	8	0	0	0.00	0.05	0
9270064	9270063	0.42	0 1-	1/0 ACSR 6/1	0	0	3919	194	0	0	0	0.00	0.05	0
D09-27-P031	9270064	0.42	0 1-	FUS	0	0	3919	194	0	0	5	0.00	0.05	0
9270118	D09-27-P031	0.44	0 1-	1/0 ACSR 6/1	0	0	3870	194	0	0	0	0.00	0.05	0
9270108	9270118	0.60	0 1- 15	KV 2 URD XLP	0	0	3412	491	0	0	0	0.00	0.05	0
9270111	9270108	0.63	0 1- 15	KV 2 URD XLP	0	0	3333	489	0	0	0	0.00	0.05	0
9270114	9270111	0.69	0 1- 15	KV 2 URD XLP	0	0	3179	485	0	0	0	0.00	0.05	0
9270117	9270114	0.77	0 1- 15	KV 2 URD XLP	0	0	3003	479	0	0	0	0.00	0.05	0
9270116	9270114	0.71	0 1- 15	KV 2 URD XLP	0	0	3138	484	0	0	0	0.00	0.05	0
9270113	9270111	0.65	0 1- 15	KV 2 URD XLP	0	0	3299	488	0	0	0	0.00	0.05	0
9270110	9270108	0.65	0 1- 15	KV 2 URD XLP	0	0	3282	488	0	0	0	0.00	0.05	0
9270044	9270040	0.30	4 1-	2 ACSR 6/1	0	0	4245	194	18	2	1	0.00	0.20	0
9270039	9370075	0.19	0 3-	4/0 ACSR 6/1	5069	4972	4698	195	0	0	0	0.00	0.12	0
09-27-P007-A	9270039	0.19	0 3-	Open	5069	4972	4698	195	0	0	0	0.00	0.12	0
9370077	9370076	0.06	30 1-	2 ACSR 6/1	0	0	5377	196	123	15	9	0.02	0.03	2
D09-37-P106	9370077	0.06	30 1-	FUS-70	0	0	5377	196	123	15	26	0.00	0.03	0
9370081	D09-37-P106	0.18	30 1-	2 ACSR 6/1	0	0	4758	195	123	15	9	0.05	0.08	5
9370120	9370081	0.21	5 1-	2 ACSR 6/1	0	0	4609	194	15	1	1	0.00	0.08	0
D09-37-P053	9370120	0.21	4 1-	FUS	0	0	4609	194	11	1	31	0.00	0.08	0
9370142	D09-37-P053	0.30	4 1- 15	KV 2 URD XLP	0	0	4232	501	11	1	1	0.00	0.08	0
9370143	9370142	0.36	2 1- 15	KV 2 URD XLP	0	0	4016	496	6	0	0	0.00	0.08	0
9370078	9370081	0.27	25 1-	2 ACSR 6/1	0	0	4306	194	108	13	8	0.04	0.12	3
9370080	9370078	0.41	25 1-	2 ACSR 6/1	0	0	3767	193	108	13	8	0.05	0.17	5
9370106	9370080	0.48	23 1-	2 ACSR 6/1	0	0	3544	192	104	13	7	0.02	0.19	2
9370107	9370106	0.54	21 1-	2 ACSR 6/1	0	0	3372	192	88	11	6	0.02	0.21	1

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9370109	9370107	0.58	21 1-	2 ACSR 6/1	0	0	3246	191	88	11	6	0.01	0.23	0
9370114	9370109	0.71	1 1-	2 ACSR 6/1	0	0	2950	190	7	0	1	0.00	0.23	0
9370113	9370109	0.61	19 1-	2 ACSR 6/1	0	0	3172	191	74	9	5	0.01	0.23	0
9370110	9370113	0.66	16 1-	2 ACSR 6/1	0	0	3062	191	63	7	4	0.01	0.24	0
9370111	9370110	0.71	13 1-	2 ACSR 6/1	0	0	2934	190	51	6	4	0.01	0.25	0
9370112	9370111	0.74	10 1-	2 ACSR 6/1	0	0	2885	190	37	4	3	0.00	0.25	0
9370116	9370112	0.81	7 1-	2 ACSR 6/1	0	0	2729	189	25	3	2	0.01	0.26	0
9370117	9370116	0.91	6 1-	2 ACSR 6/1	0	0	2554	189	21	2	1	0.01	0.27	0
9370104	9370117	0.95	4 1-	2 ACSR 6/1	0	0	2487	188	17	2	1	0.00	0.27	0
9370192	9370104	1.00	3 1-	2 ACSR 6/1	0	0	2402	188	16	2	1	0.00	0.27	0
9370105	9370192	1.05	2 1-	2 ACSR 6/1	0	0	2328	188	11	1	1	0.00	0.27	0
9370108	9370105	1.10	1 1-	2 ACSR 6/1	0	0	2260	187	7	0	0	0.00	0.27	0
9370121	9370080	0.45	2 1-	2 ACSR 6/1	0	0	3641	192	4	0	0	0.00	0.17	0
9370079	9370078	0.34	0 1-	2 ACSR 6/1	0	0	4025	193	0	0	0	0.00	0.12	0
CKT 1 total losses:		\$539												
SUB 48, CKT 2														
BK4802	NORTHCORBIN(48)	0.00	572 3-	BK4802	5543	5608	5731	196	4478	190	112	0.00	0.00	0
9370135	BK4802	0.01	572 3-	4/0 ACSR 6/1	5514	5576	5681	196	4478	190	56	0.02	0.02	50
9370119	9370135	0.11	571 3-	4/0 ACSR 6/1	5231	5256	5216	196	4476	190	56	0.21	0.19	505
9270043	9370119	0.18	570 3-	4/0 ACSR 6/1	5023	5020	4892	195	4468	190	56	0.17	0.32	402
9270035	9270043	0.21	0 3-	4/0 ACSR 6/1	4960	4948	4796	195	0	0	0	0.00	0.32	0
09-27-P007-B	9270035	0.21	0 3-	Open	4960	4948	4796	195	0	0	0	0.00	0.32	0
9270068	9270043	0.20	570 3-	4/0 ACSR 6/1	4971	4960	4812	195	4464	190	56	0.04	0.35	106
9270085	9270068	0.25	549 3-	4/0 ACSR 6/1	4853	4826	4637	195	4394	187	55	0.10	0.44	238
9270086	9270085	0.29	548 3-	4/0 ACSR 6/1	4748	4707	4484	195	4388	187	55	0.09	0.51	220
9270061	9270086	0.34	6 1-	2 ACSR 6/1	0	0	4290	195	18	2	1	0.00	0.40	0
9270075	9270061	0.42	4 1-	2 ACSR 6/1	0	0	3978	194	13	1	1	0.00	0.40	0
9370145	9270075	0.44	4 1-	2 ACSR 6/1	0	0	3917	194	13	1	1	0.00	0.40	0
9370146	9370145	0.49	1 1-	2 ACSR 6/1	0	0	3744	193	6	0	0	0.00	0.41	0
9270037	9270086	0.33	542 3-	4/0 ACSR 6/1	4665	4614	4367	195	4368	186	55	0.08	0.57	178
9270036	9270037	0.49	541 3-	4/0 ACSR 6/1	4316	4225	3894	194	4360	186	55	0.35	0.85	819
9270034	9270036	0.61	536 3-	4/0 ACSR 6/1	4087	3974	3601	194	4297	183	54	0.24	1.05	589
9270038	9270034	0.81	534 3-	4/0 ACSR 6/1	3754	3614	3200	193	4285	183	54	0.41	1.39	973
D09-28-P203	9270038	0.81	2 1-	FUS	0	0	3200	193	18	2	51	0.00	1.71	0
9280227	D09-28-P203	0.86	2 1-	2 ACSR 6/1	0	0	3090	193	18	2	1	0.00	1.72	0
9280181	9270038	0.85	532 3-	4/0 ACSR 6/1	3692	3548	3128	193	4259	182	54	0.08	1.46	197
9280172	9280181	0.96	531 3-	4/0 ACSR 6/1	3536	3383	2952	193	4256	182	54	0.22	1.64	523
9280234	9280172	1.02	511 3-	4/0 ACSR 6/1	3447	3290	2853	193	4161	178	53	0.13	1.74	307
9280236	9280234	1.06	1 1-	15 KV 2 URD XLP	0	0	2788	491	10	1	1	0.00	2.14	0
9280235	9280234	1.08	510 3-	4/0 ACSR 6/1	3377	3216	2777	192	4148	178	53	0.10	1.83	250
9280089	9280235	1.18	506 3-	4/0 ACSR 6/1	3247	3081	2638	192	4134	178	52	0.20	2.01	489
D09-28-P015	9280089	1.18	1 1-	FUS	0	0	2638	192	6	0	16	0.00	1.62	0
9280228	D09-28-P015	1.23	1 1-	2 ACSR 6/1	0	0	2567	192	6	0	0	0.00	1.62	0
9280090	9280089	1.52	505 3-	4/0 ACSR 6/1	2892	2718	2276	191	4124	177	52	0.65	2.55	1547
D09-28-P073	9280090	1.52	1 1-	FUS	0	0	2276	191	1	0	3	0.00	3.10	0
9280231	D09-28-P073	1.64	1 1-	2 ACSR 6/1	0	0	2137	190	1	0	0	0.00	3.10	0
9280085	9280090	1.58	504 3-	4/0 ACSR 6/1	2839	2664	2224	191	4108	177	52	0.11	2.64	264
9280086	9280085	1.65	504 3-	4/0 ACSR 6/1	2774	2599	2161	190	4106	177	52	0.14	2.76	335
9280180	9280086	1.67	504 3-	336 ACSR 18/1	2764	2589	2151	190	4103	177	34	0.02	2.78	41
9280176	9280180	1.69	501 3-	336 ACSR 18/1	2747	2572	2135	190	4088	177	33	0.03	2.80	70
9280177	9280176	1.73	498 3-	336 ACSR 18/1	2720	2545	2109	190	4084	176	33	0.05	2.85	114

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9280179	9280177	1.76	28 1-	2 ACSR 6/1	0	0	2076	190	139	18 10	0.02	2.37	2	
9280093	9280179	1.79	26 1-	2 ACSR 6/1	0	0	2048	190	131	17 10	0.01	2.38	1	
9280112	9280093	1.86	24 1-	2 ACSR 6/1	0	0	1982	189	124	16 9	0.03	2.41	3	
9280113	9280112	1.94	1 1- 15	KV 2 URD XLP	0	0	1911	464	36	5 3	0.01	2.42	0	
9280107	9280112	1.92	21 1- 15	KV 2 URD XLP	0	0	1932	466	80	10 6	0.02	2.44	2	
9280111	9280107	1.96	8 1- 15	KV 2 URD XLP	0	0	1895	463	33	4 2	0.01	2.44	0	
9280109	9280111	2.00	6 1- 15	KV 2 URD XLP	0	0	1865	460	20	2 2	0.00	2.45	0	
9280102	9280109	2.04	3 1- 15	KV 2 URD XLP	0	0	1831	457	14	1 1	0.00	2.45	0	
9280092	9280102	2.11	2 1- 15	KV 2 URD XLP	0	0	1776	453	11	1 1	0.00	2.45	0	
9280110	9280107	2.01	13 1- 15	KV 2 URD XLP	0	0	1853	459	47	6 4	0.02	2.46	0	
9280098	9280110	2.08	1 1- 15	KV 2 URD XLP	0	0	1799	455	6	0 0	0.00	2.46	0	
9280097	9280110	2.09	9 1- 15	KV 2 URD XLP	0	0	1788	454	31	3 2	0.01	2.47	0	
9280095	9280097	2.13	5 1- 15	KV 2 URD XLP	0	0	1761	451	18	2 1	0.00	2.47	0	
9280094	9280095	2.19	2 1- 15	KV 2 URD XLP	0	0	1716	448	9	1 1	0.00	2.47	0	
9280104	9280094	2.22	2 1- 15	KV 2 URD XLP	0	0	1692	446	9	1 1	0.00	2.47	0	
9280096	9280097	2.14	1 1-	2 ACSR 6/1	0	0	1753	186	5	0 0	0.00	2.47	0	
9280178	9280177	1.77	469 3-	336 ACSR 18/1	2695	2519	2085	190	3941	170 32	0.05	2.89	102	
9280229	9280178	1.85	467 3-	336 ACSR 18/1	2640	2465	2032	190	3934	170 32	0.12	2.97	228	
9280230	9280229	1.96	466 3-	336 ACSR 18/1	2578	2402	1973	190	3927	170 32	0.14	3.08	272	
9280210	9280230	2.03	5 1- 15	KV 2 URD XLP	0	0	1912	467	20	2 2	0.01	3.77	0	
9280209	9280210	2.12	3 1- 15	KV 2 URD XLP	0	0	1845	461	9	1 1	0.00	3.77	0	
9280206	9280209	2.19	1 1- 15	KV 2 URD XLP	0	0	1790	457	2	0 0	0.00	3.77	0	
9280205	9280209	2.16	0 1- 15	KV 2 URD XLP	0	0	1810	458	0	0 0	0.00	3.77	0	
9280208	9280210	2.09	1 1- 15	KV 2 URD XLP	0	0	1863	463	6	0 0	0.00	3.77	0	
9280152	9280230	2.01	461 3-	336 ACSR 18/1	2547	2371	1944	190	3904	169 32	0.07	3.13	139	
9380141	9280152	2.04	460 3-	336 ACSR 18/1	2531	2355	1929	190	3899	169 32	0.04	3.16	74	
9380127	9380141	2.07	459 3-	336 ACSR 18/1	2515	2339	1914	189	3896	169 32	0.04	3.19	73	
9380139	9380127	2.15	10 1- 15	KV 2 URD XLP	0	0	1852	465	34	4 3	0.01	3.06	0	
9380138	9380139	2.18	1 1- 15	KV 2 URD XLP	0	0	1825	462	3	0 0	0.00	3.06	0	
9380137	9380139	2.24	6 1- 15	KV 2 URD XLP	0	0	1782	459	19	2 1	0.01	3.07	0	
9280154	9380137	2.28	4 1- 15	KV 2 URD XLP	0	0	1755	456	14	1 1	0.00	3.07	0	
9380144	9280154	2.37	2 1- 15	KV 2 URD XLP	0	0	1689	450	7	0 1	0.00	3.07	0	
9380089	9380127	2.12	449 3-	336 ACSR 18/1	2486	2311	1887	189	3862	167 32	0.07	3.24	131	
9380075	9380089	2.14	447 3-	336 ACSR 18/1	2474	2299	1876	189	3853	167 32	0.03	3.26	56	
D09-38-P002	9380075	2.14	4 1-	FUS-40	0	0	1876	189	17	2 6	0.00	3.11	0	
9380091	D09-38-P002	2.15	4 1-	2 ACSR 6/1	0	0	1864	189	17	2 1	0.00	3.11	0	
9380093	9380091	2.21	2 1-	2 ACSR 6/1	0	0	1814	189	10	1 1	0.00	3.11	0	
9380090	9380075	2.19	443 3-	336 ACSR 18/1	2446	2272	1850	189	3835	166 31	0.07	3.31	130	
D09-38-P004	9380090	2.19	21 1-	FUS-40	0	0	1850	189	44	5 16	0.00	2.71	0	
9380069	D09-38-P004	2.24	21 1-	2 ACSR 6/1	0	0	1808	189	44	5 3	0.01	2.72	0	
9380146	9380069	2.33	0 1-	2 ACSR 6/1	0	0	1742	188	0	0 0	0.00	2.72	0	
9380072	9380069	2.28	16 1-	2 ACSR 6/1	0	0	1776	188	29	3 2	0.00	2.73	0	
9380169	9380072	2.41	14 1-	2 ACSR 6/1	0	0	1681	187	23	2 2	0.01	2.74	0	
9380170	9380169	2.48	13 1-	2 ACSR 6/1	0	0	1636	187	16	2 1	0.00	2.74	0	
9380168	9380170	2.54	9 1-	2 ACSR 6/1	0	0	1598	186	11	1 1	0.00	2.74	0	
9380172	9380168	2.57	7 1-	2 ACSR 6/1	0	0	1577	186	7	0 1	0.00	2.74	0	
9380128	9380172	2.61	2 1-	2 ACSR 6/1	0	0	1551	186	3	0 0	0.00	2.74	0	
9380152	9380168	2.64	1 1-	2 ACSR 6/1	0	0	1534	186	2	0 0	0.00	2.74	0	
9380073	9380072	2.34	1 1-	2 ACSR 6/1	0	0	1736	188	3	0 0	0.00	2.73	0	
9380070	9380069	2.30	3 1-	2 ACSR 6/1	0	0	1766	188	10	1 1	0.00	2.72	0	
9380071	9380070	2.33	1 1-	2 ACSR 6/1	0	0	1737	188	5	0 0	0.00	2.72	0	
D09-38-P004A	9380090	2.19	15 1-	FUS-40	0	0	1850	189	63	8 23	0.00	4.07	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9380148	D09-38-P004A	2.25	15 1-	2 ACSR 6/1	0	0	1803	189	63	8	5	0.01	4.08	0
9380149	9380148	2.31	13 1-	2 ACSR 6/1	0	0	1752	188	53	6	4	0.01	4.09	0
9380177	9380149	2.33	1 1-	2 ACSR 6/1	0	0	1739	188	7	0	0	0.00	4.09	0
9380150	9380149	2.38	10 1-	2 ACSR 6/1	0	0	1703	188	36	4	3	0.01	4.10	0
9380151	9380150	2.45	0 1-	2 ACSR 6/1	0	0	1654	187	0	0	0	0.00	4.10	0
9380145	9380150	2.43	5 1-	2 ACSR 6/1	0	0	1670	187	29	3	2	0.00	4.11	0
9380178	9380145	2.51	3 1-	2 ACSR 6/1	0	0	1617	187	16	2	1	0.00	4.11	0
9380153	9380090	2.29	406 3-	336 ACSR 18/1	2393	2219	1802	189	3720	161	31	0.13	3.41	243
9380154	9380153	2.34	405 3-	336 ACSR 18/1	2367	2193	1777	189	3716	161	31	0.07	3.46	124
9380140	9380154	2.40	1 1-	2 ACSR 6/1	0	0	1736	188	0	0	0	0.00	2.83	0
9380095	9380154	2.41	404 3-	336 ACSR 18/1	2335	2162	1749	189	3715	161	31	0.08	3.52	154
9380163	9380095	2.46	391 3-	336 ACSR 18/1	2310	2138	1727	189	3650	159	30	0.06	3.57	116
9380162	9380163	2.54	2 1-	15 KV 2 URD XLP	0	0	1676	458	11	1	1	0.00	2.91	0
9380164	9380163	2.51	388 3-	336 ACSR 18/1	2287	2114	1705	188	3637	158	30	0.06	3.62	115
D09-38-P009	9380164	2.51	4 1-	FUS-40	0	0	1705	188	12	1	4	0.00	4.47	0
9380155	D09-38-P009	2.54	4 1-	2 ACSR 6/1	0	0	1684	188	12	1	1	0.00	4.47	0
9380156	9380155	2.58	1 1-	2 ACSR 6/1	0	0	1656	188	3	0	0	0.00	4.47	0
9380165	9380164	2.54	383 3-	336 ACSR 18/1	2270	2099	1691	188	3619	157	30	0.04	3.65	78
9380077	9380165	2.58	14 1-	2 ACSR 6/1	0	0	1666	188	58	7	4	0.01	4.52	0
9380122	9380077	2.63	14 1-	15 KV 2 URD XLP	0	0	1633	456	58	7	5	0.02	4.54	0
9380125	9380122	2.68	12 1-	15 KV 2 URD XLP	0	0	1606	453	52	6	4	0.01	4.55	0
9380179	9380125	2.73	2 1-	15 KV 2 URD XLP	0	0	1578	450	14	1	1	0.00	4.55	0
9380176	9380179	2.78	0 1-	15 KV 2 URD XLP	0	0	1549	447	0	0	0	0.00	4.55	0
9380126	9380125	2.75	10 1-	2 ACSR 6/1	0	0	1563	186	38	4	3	0.01	4.56	0
9380117	9380126	2.81	9 1-	2 ACSR 6/1	0	0	1524	186	35	4	3	0.01	4.57	0
9380118	9380117	2.85	5 1-	15 KV 2 URD XLP	0	0	1504	444	16	2	1	0.00	4.57	0
9380119	9380118	2.90	4 1-	15 KV 2 URD XLP	0	0	1480	441	14	1	1	0.00	4.57	0
9380120	9380119	2.99	3 1-	15 KV 2 URD XLP	0	0	1431	435	12	1	1	0.01	4.58	0
9380121	9380120	3.05	2 1-	15 KV 2 URD XLP	0	0	1404	432	9	1	1	0.00	4.58	0
9380116	9380117	2.87	4 1-	2 ACSR 6/1	0	0	1491	185	19	2	1	0.00	4.57	0
9380124	9380116	2.91	3 1-	2 ACSR 6/1	0	0	1468	185	11	1	1	0.00	4.57	0
9380123	9380124	2.95	2 1-	2 ACSR 6/1	0	0	1449	185	7	0	1	0.00	4.57	0
9380166	9380165	2.58	369 3-	336 ACSR 18/1	2252	2081	1675	188	3560	155	29	0.04	3.69	86
9380161	9380166	2.63	366 3-	336 ACSR 18/1	2228	2057	1653	188	3548	154	29	0.06	3.74	116
D09-38-P015	9380161	2.63	16 1-	FUS	0	0	1653	188	54	7	161	0.00	4.62	0
9380157	D09-38-P015	2.67	16 1-	2 ACSR 6/1	0	0	1631	188	54	7	4	0.01	4.63	0
9380158	9380157	2.69	14 1-	2 ACSR 6/1	0	0	1617	188	49	6	4	0.00	4.63	0
9380159	9380158	2.72	7 1-	2 ACSR 6/1	0	0	1600	188	31	4	2	0.00	4.63	0
9380160	9380159	2.73	3 1-	2 ACSR 6/1	0	0	1590	187	15	2	1	0.00	4.63	0
9380171	9380161	2.71	349 3-	336 ACSR 18/1	2194	2024	1623	188	3491	152	29	0.08	3.81	162
D09-38-P018	9380171	2.71	1 1-	FUS	0	0	1623	188	5	0	15	0.00	3.08	0
9380078	D09-38-P018	2.99	1 1-	2 ACSR 6/1	0	0	1463	186	5	0	0	0.00	3.09	0
9380092	9380171	2.77	346 3-	336 ACSR 18/1	2169	2000	1601	188	3475	151	29	0.06	3.86	121
9380079	9380092	2.81	342 3-	336 ACSR 18/1	2153	1984	1587	188	3458	150	28	0.04	3.90	79
9380080	9380079	2.85	341 3-	336 ACSR 18/1	2135	1967	1572	188	3452	150	28	0.05	3.94	88
D09-38-P027	9380080	2.85	3 1-	FUS	0	0	1572	188	8	1	23	0.00	4.85	0
9380081	D09-38-P027	2.93	3 1-	2 ACSR 6/1	0	0	1525	187	8	1	1	0.00	4.85	0
9380082	9380081	2.97	0 1-	2 ACSR 6/1	0	0	1504	187	0	0	0	0.00	4.85	0
9380083	9380082	3.01	0 1-	2 ACSR 6/1	0	0	1480	186	0	0	0	0.00	4.85	0
9380084	9380080	2.87	338 3-	336 ACSR 18/1	2129	1961	1566	188	3443	150	28	0.02	3.95	32
9380086	9380084	2.88	328 3-	336 ACSR 18/1	2123	1955	1561	188	3206	139	26	0.01	3.96	27
9380087	9380086	2.90	327 3-	336 ACSR 18/1	2113	1946	1553	188	3204	139	26	0.02	3.98	40

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9380167	9380087	4.17	326 3-	336 ACSR 18/1	1701	1551	1207	185	3196	139	26	1.20	5.00	2218
9580099	9380167	4.25	324 3-	336 ACSR 18/1	1681	1532	1191	184	3161	138	26	0.07	5.06	135
9580116	9580099	4.39	214 3-	336 ACSR 18/1	1646	1499	1162	184	1078	48	9	0.08	5.08	42
9580104	9580116	4.45	212 3-	336 ACSR 18/1	1632	1486	1152	184	1065	47	9	0.03	5.08	16
D09-58-P013	9580104	4.45	3 1-	FUS	0	0	1152	184	10	1	29	0.00	4.93	0
9580130	D09-58-P013	4.47	3 1-	2 ACSR 6/1	0	0	1143	184	10	1	1	0.00	4.93	0
9580118	9580130	4.53	0 1-	2 ACSR 6/1	0	0	1126	183	0	0	0	0.00	4.93	0
9580111	9580130	4.58	0 1-	2 ACSR 6/1	0	0	1111	183	0	0	0	0.00	4.93	0
9580066	9580104	4.50	209 3-	336 ACSR 18/1	1620	1475	1142	184	1055	47	9	0.03	5.09	15
9580067	9580066	4.56	208 3-	336 ACSR 18/1	1605	1461	1130	184	1050	46	9	0.04	5.10	19
D09-58-P080	9580067	4.56	1 1-	FUS-40	0	0	1130	184	10	1	4	0.00	4.06	0
9580125	D09-58-P080	4.61	1 1-	2 ACSR 6/1	0	0	1115	183	10	1	1	0.00	4.06	0
D09-58-P080A	9580067	4.56	1 1-	FUS-40	0	0	1130	184	2	0	1	0.00	6.35	0
9580119	D09-58-P080A	4.62	1 1-	2 ACSR 6/1	0	0	1111	183	2	0	0	0.00	6.35	0
9580120	9580119	4.68	1 1-	2 ACSR 6/1	0	0	1095	183	2	0	0	0.00	6.35	0
9580091	9580067	4.64	204 3-	336 ACSR 18/1	1588	1445	1117	183	1030	46	9	0.04	5.11	21
D09-58-P081	9580091	4.64	13 1-	FUS-40	0	0	1117	183	38	5	14	0.00	4.87	0
9580090	D09-58-P081	4.66	13 1-	2 ACSR 6/1	0	0	1110	183	38	5	3	0.00	4.88	0
9580092	9580090	4.69	7 1-	2 ACSR 6/1	0	0	1099	183	23	2	2	0.00	4.88	0
9580112	9580092	4.76	6 1-	2 ACSR 6/1	0	0	1081	182	16	2	1	0.00	4.88	0
9580121	9580091	4.73	190 3-	336 ACSR 18/1	1567	1425	1100	183	985	44	8	0.05	5.12	27
9580126	9580121	4.94	189 3-	336 ACSR 18/1	1522	1383	1065	183	981	44	8	0.11	5.14	60
D09-58-P084	9580126	4.94	7 1-	FUS-40	0	0	1065	183	34	4	13	0.00	6.55	0
9580071	D09-58-P084	4.96	7 1-	2 ACSR 6/1	0	0	1059	183	34	4	2	0.00	6.55	0
9580113	9580071	5.00	1 1-	2 ACSR 6/1	0	0	1048	182	7	0	1	0.00	6.55	0
9580107	9580071	5.05	3 1-	2 ACSR 6/1	0	0	1034	182	15	1	1	0.00	6.55	0
9580108	9580107	5.13	1 1-	2 ACSR 6/1	0	0	1013	181	5	0	0	0.00	6.55	0
9580106	9580108	5.21	1 1-	2 ACSR 6/1	0	0	993	181	5	0	0	0.00	6.56	0
9580114	9580071	4.99	3 1-	2 ACSR 6/1	0	0	1051	182	12	1	1	0.00	6.55	0
9580105	9580114	5.02	2 1-	2 ACSR 6/1	0	0	1043	182	5	0	0	0.00	6.55	0
9580115	9580126	4.99	2 1-	2 ACSR 6/1	0	0	1050	182	8	1	1	0.00	4.76	0
9580068	9580126	5.04	180 3-	336 ACSR 18/1	1502	1364	1048	182	939	42	8	0.05	5.15	26
9580073	9580068	5.06	92 3-	1/0 ACSR 6/1	1493	1356	1043	182	545	27	12	0.02	5.16	7
C09-58-P72	9580073	5.06	0 3-	Capacitor	1493	1356	1043	182	0	-13	0	0.00	5.16	0
9580086	9580073	5.12	92 3-	1/0 ACSR 6/1	1475	1338	1030	182	545	24	10	0.05	5.18	15
D09-58-P026	9580086	5.12	2 1-	FUS-40	0	0	1030	182	12	1	4	0.00	6.66	0
9580138	D09-58-P026	5.17	2 1-	2 ACSR 6/1	0	0	1017	182	12	1	1	0.00	6.67	0
9580139	9580138	5.25	1 1-	2 ACSR 6/1	0	0	998	181	4	0	0	0.00	6.67	0
9580087	9580086	5.19	90 3-	1/0 ACSR 6/1	1453	1317	1014	182	533	23	10	0.06	5.20	17
D09-58-P071	9580087	5.19	90 3-	REC-100-R	1453	1317	1014	182	533	23	0	0.00	5.20	0
9580072	D09-58-P071	5.26	90 3-	1/0 ACSR 6/1	1432	1297	1000	181	533	23	10	0.06	5.23	16
D09-58-P028	9580072	5.26	2 1-	FUS	0	0	1000	181	9	1	29	0.00	6.78	0
9580144	D09-58-P028	5.33	2 1-	2 ACSR 6/1	0	0	984	181	9	1	1	0.00	6.78	0
9580143	9580072	5.33	88 3-	1/0 ACSR 6/1	1413	1279	986	181	524	23	10	0.05	5.25	15
9680047	9580143	5.43	87 3-	1/0 ACSR 6/1	1384	1251	965	180	517	22	10	0.08	5.29	23
9680046	9680047	5.49	4 1-	2 ACSR 6/1	0	0	951	180	16	2	1	0.00	6.92	0
9680048	9680046	5.53	1 1-	2 ACSR 6/1	0	0	942	180	3	0	0	0.00	6.92	0
9680049	9680046	5.55	3 1-	2 ACSR 6/1	0	0	937	179	13	1	1	0.00	6.92	0
9680045	9680047	5.51	82 3-	1/0 ACSR 6/1	1361	1229	950	180	498	21	10	0.06	5.31	17
9680051	9680045	5.58	81 3-	1/0 ACSR 6/1	1341	1210	936	180	496	21	10	0.06	5.34	15
9680053	9680051	5.73	78 3-	1/0 ACSR 6/1	1302	1173	908	179	470	20	9	0.11	5.39	29
9680039	9680053	5.81	77 3-	1/0 ACSR 6/1	1284	1156	896	178	470	20	9	0.05	5.41	14

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9680040	9680039	5.97	77 3-	1/0 ACSR 6/1	1246	1120	869	178	469	20	9	0.12	5.46	30
9680042	9680040	6.01	10 1-	2 ACSR 6/1	0	0	861	177	72	9	5	0.01	7.33	0
9680055	9680042	6.05	0 1-	2 ACSR 6/1	0	0	854	177	0	0	0	0.00	7.33	0
9680028	9680042	6.05	9 1-	2 ACSR 6/1	0	0	854	177	65	8	5	0.01	7.34	0
9680029	9680028	6.22	8 1-	2 ACSR 6/1	0	0	823	176	59	7	4	0.04	7.38	2
9680061	9680029	6.27	2 1-	2 ACSR 6/1	0	0	814	175	7	0	1	0.00	7.38	0
9680062	9680061	6.38	1 1-	2 ACSR 6/1	0	0	798	175	0	0	0	0.00	7.38	0
9680032	9680029	6.28	4 1-	2 ACSR 6/1	0	0	813	175	26	3	2	0.01	7.38	0
9680033	9680032	6.38	3 1-	2 ACSR 6/1	0	0	796	174	18	2	1	0.00	7.38	0
9680030	9680029	6.26	2 1-	2 ACSR 6/1	0	0	817	175	26	3	2	0.00	7.38	0
9680031	9680030	6.29	1 1-	2 ACSR 6/1	0	0	812	175	9	1	1	0.00	7.38	0
9680041	9680040	6.00	64 3-	1/0 ACSR 6/1	1238	1113	864	177	385	16	7	0.02	5.47	4
D09-68-P075	9680041	6.00	1 1-	FUS	0	0	864	177	9	1	27	0.00	4.38	0
9680027	D09-68-P075	6.07	1 1-	2 ACSR 6/1	0	0	851	177	9	1	1	0.00	4.38	0
9680035	9680041	6.03	63 3-	1/0 ACSR 6/1	1231	1106	859	177	376	16	7	0.02	5.48	4
9680036	9680035	6.23	62 3-	1/0 ACSR 6/1	1188	1065	829	176	366	16	7	0.11	5.53	21
9680037	9680036	6.33	61 3-	1/0 ACSR 6/1	1166	1045	814	176	358	15	7	0.06	5.55	11
9680038	9680037	6.39	59 3-	1/0 ACSR 6/1	1154	1033	805	175	344	15	7	0.03	5.57	6
9680054	9680038	6.77	57 3-	1/0 ACSR 6/1	1082	967	756	173	341	15	7	0.19	5.65	36
9770074	9680054	6.78	1 1-	2 ACSR 6/1	0	0	754	173	7	0	0	0.00	4.53	0
9770053	9680054	6.82	56 3-	1/0 ACSR 6/1	1074	959	750	173	334	14	6	0.03	5.67	5
D09-77-P064	9770053	6.82	1 1-	FUS	0	0	750	173	12	1	38	0.00	7.76	0
9770075	D09-77-P064	6.97	1 1-	2 ACSR 6/1	0	0	729	172	12	1	1	0.00	7.77	0
9770076	9770053	6.89	52 3-	1/0 ACSR 6/1	1060	947	741	173	308	13	6	0.04	5.68	6
9770095	9770076	6.95	6 1- 15	KV 2 URD XLP	0	0	734	362	33	4	3	0.01	7.81	0
9770096	9770095	7.01	5 1- 15	KV 2 URD XLP	0	0	725	359	30	4	2	0.01	7.82	0
9770094	9770096	7.06	4 1- 15	KV 2 URD XLP	0	0	720	357	24	3	2	0.00	7.82	0
9770093	9770094	7.09	2 1- 15	KV 2 URD XLP	0	0	715	356	11	1	1	0.00	7.82	0
9770088	9770076	6.95	44 3-	1/0 ACSR 6/1	1051	938	734	172	264	11	5	0.02	5.69	3
9770070	9770088	7.01	9 1- 15	KV 2 URD XLP	0	0	727	360	54	7	4	0.02	7.84	0
9770071	9770070	7.05	9 1- 15	KV 2 URD XLP	0	0	722	358	54	7	4	0.01	7.85	0
9770069	9770071	7.09	7 1- 15	KV 2 URD XLP	0	0	716	357	42	5	3	0.01	7.86	0
9770066	9770069	7.13	5 1- 15	KV 2 URD XLP	0	0	711	355	30	4	2	0.00	7.86	0
9770065	9770066	7.16	3 1- 15	KV 2 URD XLP	0	0	707	354	21	2	2	0.00	7.87	0
9770064	9770065	7.19	3 1- 15	KV 2 URD XLP	0	0	705	353	21	2	2	0.00	7.87	0
9770063	9770064	7.21	1 1- 15	KV 2 URD XLP	0	0	701	352	9	1	1	0.00	7.87	0
9770077	9770088	7.08	33 3-	1/0 ACSR 6/1	1030	918	720	172	200	8	4	0.03	5.71	3
9670049	9770077	7.20	1 1-	2 ACSR 6/1	0	0	704	171	11	1	1	0.00	7.86	0
9670066	9770077	7.15	29 3-	1/0 ACSR 6/1	1018	908	712	171	180	7	3	0.02	5.72	2
9670062	9670066	7.46	3 1-	2 ACSR 6/1	0	0	674	169	7	0	1	0.00	4.58	0
9670056	9670066	7.19	26 3-	1/0 ACSR 6/1	1011	901	707	171	173	7	3	0.01	5.72	0
9670058	9670056	7.22	21 3-	1/0 ACSR 6/1	1008	898	705	171	143	6	3	0.00	5.72	0
9670091	9670058	7.25	19 3-	1/0 ACSR 6/1	1002	893	701	171	129	5	2	0.01	5.73	0
9670098	9670091	7.34	1 1-	2 ACSR 6/1	0	0	690	170	4	0	0	0.00	7.89	0
9670064	9670091	7.35	16 3-	1/0 ACSR 6/1	987	879	690	170	103	4	2	0.02	5.73	0
9770079	9670064	7.45	2 3-	1/0 ACSR 6/1	973	866	681	170	13	0	0	0.00	5.73	0
9770124	9770079	7.47	1 3-	1/0 ACSR 6/1	969	862	678	170	7	0	0	0.00	5.73	0
R09-77-P0	9770124	7.47	0 3-	0	969	862	678	170	0	0	0	-5.51	2.40	0
9770123	R09-77-P0	7.54	0 3-	1/0 ACSR 6/1	960	854	672	170	0	0	0	0.00	2.40	0
09-77-P006-B	9770123	7.54	0 3-	Open	960	854	672	170	0	0	0	0.00	2.40	0
9670090	9670064	7.43	11 3-	1/0 ACSR 6/1	976	869	683	170	79	3	2	0.01	5.74	0
9670065	9670090	7.48	2 1-	2 ACSR 6/1	0	0	676	170	16	2	1	0.00	7.92	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9670042	9670065	7.52	1 1-	2 ACSR 6/1	0	0	671	169	8	1	1	0.00	7.92	0
9670068	9670090	7.49	1 1-	2 ACSR 6/1	0	0	675	170	6	0	0	0.00	4.60	0
9670036	9670090	7.52	8 3-	1/0 ACSR 6/1	962	856	674	170	57	2	1	0.01	5.74	0
9670046	9670036	7.58	1 1-	2 ACSR 6/1	0	0	667	169	9	1	1	0.00	7.93	0
9670043	9670036	7.58	7 3-	1/0 ACSR 6/1	954	849	668	169	48	2	1	0.00	5.74	0
9670044	9670043	7.62	6 3-	1/0 ACSR 6/1	948	843	663	169	40	1	1	0.00	5.74	0
9670038	9670044	7.68	4 3-	1/0 ACSR 6/1	940	835	658	169	26	1	1	0.00	5.75	0
9670040	9670038	7.71	4 3-	1/0 ACSR 6/1	936	832	656	169	26	1	1	0.00	5.75	0
9670045	9670040	7.76	1 1-	2 ACSR 6/1	0	0	650	168	7	0	0	0.00	7.94	0
9670041	9670040	7.79	2 3-	336 ACSR 18/1	930	826	650	169	12	0	0	0.00	5.75	0
09-67-P050-A	9670041	7.79	2 3-	Closed	930	826	650	169	12	0	0	0.00	5.75	0
09-67-P050-B	09-67-P050-A	7.79	2 3-	Closed	930	826	650	169	12	0	0	0.00	5.75	0
9670082	09-67-P050-B	7.82	2 3-	336 ACSR 18/1	927	824	649	168	12	0	0	0.00	5.75	0
9670075	9670082	8.01	2 3-	336 ACSR 18/1	913	811	637	168	12	0	0	0.00	5.75	0
9670080	9670075	8.13	2 3-	336 ACSR 18/1	904	803	631	168	12	0	0	0.00	5.75	0
9670078	9670082	7.86	0 3-	336 ACSR 18/1	925	821	646	168	0	0	0	0.00	5.75	0
09-67-P167-A	9670078	7.86	0 3-	Open	925	821	646	168	0	0	0	0.00	5.75	0
9670039	9670038	7.74	0 1-	2 ACSR 6/1	0	0	651	168	0	0	0	0.00	7.94	0
9670063	9670056	7.21	2 1-	2 ACSR 6/1	0	0	705	171	16	2	1	0.00	7.88	0
9670094	9670063	7.31	1 1-	2 ACSR 6/1	0	0	693	170	8	1	1	0.00	7.88	0
9670093	9670063	7.24	1 1-	2 ACSR 6/1	0	0	701	171	8	1	1	0.00	7.88	0
9670057	9670056	7.25	2 1-	2 ACSR 6/1	0	0	700	171	7	0	0	0.00	4.59	0
9770054	9770053	7.09	3 1-	2 ACSR 6/1	0	0	713	171	14	1	1	0.01	4.55	0
9670055	9770054	7.22	3 1-	15 KV 2 URD XLP	0	0	697	351	14	1	1	0.01	4.56	0
9670073	9670055	7.38	2 1-	2 ACSR 6/1	0	0	677	169	9	1	1	0.01	4.57	0
9670074	9670073	7.54	2 1-	2 ACSR 6/1	0	0	658	168	9	1	1	0.01	4.57	0
9670067	9670074	7.59	2 1-	2 ACSR 6/1	0	0	653	167	9	1	1	0.00	4.57	0
9670035	9670074	7.68	0 1-	2 ACSR 6/1	0	0	642	167	0	0	0	0.00	4.57	0
9680060	9680038	6.53	1 1-	2 ACSR 6/1	0	0	783	174	0	0	0	0.00	7.55	0
9680056	9680037	6.42	2 1-	2 ACSR 6/1	0	0	800	175	13	1	1	0.00	7.52	0
9680063	9680056	6.62	1 1-	2 ACSR 6/1	0	0	767	173	3	0	0	0.00	7.52	0
9680034	9680040	6.03	2 1-	2 ACSR 6/1	0	0	858	177	7	0	1	0.00	4.37	0
9680052	9680051	5.61	2 1-	2 ACSR 6/1	0	0	929	179	13	1	1	0.00	7.04	0
9680050	9680052	5.66	1 1-	2 ACSR 6/1	0	0	920	179	6	0	0	0.00	7.04	0
9680043	9580143	5.41	1 1-	2 ACSR 6/1	0	0	966	180	6	0	0	0.00	4.21	0
9680044	9680043	5.43	1 1-	2 ACSR 6/1	0	0	961	180	6	0	0	0.00	4.21	0
9580074	9580068	5.12	88 3-	2 ACSR 6/1	1471	1333	1027	182	393	17	10	0.07	5.18	16
D09-58-P169	9580074	5.12	88 3-	REC-70-L	1471	1333	1027	182	393	17	25	0.00	5.18	0
9580102	D09-58-P169	5.16	88 3-	2 ACSR 6/1	1457	1320	1017	182	393	17	10	0.03	5.20	7
9580109	9580102	5.21	1 1-	2 ACSR 6/1	0	0	1005	181	9	1	1	0.00	4.73	0
9580101	9580102	5.22	84 3-	2 ACSR 6/1	1434	1297	1001	181	369	16	9	0.05	5.22	12
9580095	9580101	5.26	84 3-	2 ACSR 6/1	1420	1283	992	181	369	16	9	0.03	5.24	7
9580133	9580095	5.29	3 1-	2 ACSR 6/1	0	0	985	181	17	2	1	0.00	4.21	0
9580134	9580133	5.36	1 1-	2 ACSR 6/1	0	0	967	180	4	0	0	0.00	4.21	0
9580098	9580095	5.35	78 3-	2 ACSR 6/1	1390	1253	970	180	332	14	8	0.07	5.27	14
9580110	9580098	5.38	73 3-	2 ACSR 6/1	1379	1242	963	180	314	13	8	0.03	5.28	5
9580076	9580110	5.45	71 3-	2 ACSR 6/1	1355	1219	946	179	300	13	7	0.06	5.30	12
9580077	9580076	5.50	70 3-	2 ACSR 6/1	1341	1206	937	179	294	13	7	0.03	5.31	7
9580078	9580077	5.55	69 3-	2 ACSR 6/1	1325	1190	926	179	290	12	7	0.04	5.33	8
9580081	9580078	5.61	68 3-	2 ACSR 6/1	1304	1170	912	178	282	12	7	0.05	5.35	10
9580082	9580081	5.67	2 1-	2 ACSR 6/1	0	0	900	178	12	1	1	0.00	4.32	0
9580083	9580082	5.70	1 1-	2 ACSR 6/1	0	0	894	177	9	1	1	0.00	4.32	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
95800084	95800083	5.73	1 1-	2 ACSR 6/1	0	0	889	177	9	1	1	0.00	4.32	0
95800085	95800084	5.76	1 1-	2 ACSR 6/1	0	0	883	177	9	1	1	0.00	4.32	0
95800080	95800081	5.68	65 3-	2 ACSR 6/1	1283	1149	897	178	264	11	7	0.06	5.37	11
9580131	9580080	5.85	55 3-	2 ACSR 6/1	1233	1101	863	176	225	10	6	0.15	5.41	27
9590061	9580131	5.90	55 3-	2 ACSR 6/1	1220	1089	854	176	225	10	6	0.04	5.42	7
D09-59-P002	9590061	5.90	9 1-	FUS	0	0	854	176	39	5	118	0.00	7.31	0
9590056	D09-59-P002	6.18	9 1-	2 ACSR 6/1	0	0	805	174	39	5	3	0.04	7.35	1
9590057	9590056	6.20	8 1-	2 ACSR 6/1	0	0	802	174	37	4	3	0.00	7.35	0
9590053	9590057	6.21	7 1-	2 ACSR 6/1	0	0	799	174	35	4	3	0.00	7.35	0
9590031	9590053	6.27	1 1-	2 ACSR 6/1	0	0	790	173	8	1	1	0.00	7.35	0
9590059	9590053	6.31	6 1-	2 ACSR 6/1	0	0	783	173	27	3	2	0.01	7.36	0
9490039	9590059	6.39	5 1-	2 ACSR 6/1	0	0	771	172	22	2	2	0.00	7.37	0
9490041	9490039	6.45	2 1-	2 ACSR 6/1	0	0	762	172	8	1	1	0.00	7.37	0
9590058	9590057	6.27	1 1-	2 ACSR 6/1	0	0	790	173	2	0	0	0.00	7.35	0
9590037	9590061	5.97	46 3-	2 ACSR 6/1	1201	1071	842	175	186	8	5	0.05	5.43	7
D09-59-P009	9590037	5.97	42 1-	REC-50-H	0	0	842	175	176	23	47	0.00	7.36	0
9590041	D09-59-P009	6.03	42 1-	2 ACSR 6/1	0	0	832	175	176	23	13	0.04	7.39	5
9590042	9590041	6.18	38 1-	2 ACSR 6/1	0	0	804	174	161	21	12	0.10	7.49	13
9590047	9590042	6.28	30 1-	2 ACSR 6/1	0	0	788	173	137	18	10	0.05	7.54	6
9590048	9590047	6.36	27 1-	2 ACSR 6/1	0	0	775	173	131	17	10	0.04	7.58	4
9590050	9590048	6.43	2 1-	2 ACSR 6/1	0	0	764	172	10	1	1	0.00	7.58	0
9590049	9590048	6.45	23 1-	2 ACSR 6/1	0	0	762	172	116	15	9	0.04	7.62	4
9590033	9590049	6.57	20 1-	2 ACSR 6/1	0	0	744	171	96	12	7	0.04	7.66	3
9590034	9590033	6.59	19 1-	2 ACSR 6/1	0	0	741	171	94	12	7	0.01	7.67	0
9590035	9590034	6.64	18 1-	2 ACSR 6/1	0	0	733	171	93	12	7	0.02	7.69	1
9590052	9590035	6.76	17 1-	2 ACSR 6/1	0	0	717	170	93	12	7	0.04	7.73	3
9690013	9590052	6.84	1 1-	2 ACSR 6/1	0	0	707	169	6	0	0	0.00	7.73	0
9690012	9590052	6.84	15 1-	2 ACSR 6/1	0	0	707	169	77	10	6	0.02	7.75	1
9690015	9690012	6.95	13 1-	2 ACSR 6/1	0	0	692	168	71	9	5	0.03	7.78	2
9690017	9690015	7.02	2 1-	2 ACSR 6/1	0	0	684	168	13	1	1	0.00	7.78	0
9690016	9690015	7.06	10 1-	2 ACSR 6/1	0	0	678	168	49	6	4	0.02	7.80	0
9690026	9690016	7.11	9 1-	2 ACSR 6/1	0	0	673	167	47	6	3	0.01	7.81	0
9690028	9690026	7.18	1 1-	2 ACSR 6/1	0	0	664	167	3	0	0	0.00	7.81	0
9690027	9690026	7.17	8 1-	2 ACSR 6/1	0	0	666	167	44	5	3	0.01	7.82	0
9690021	9690027	7.26	4 1-	2 ACSR 6/1	0	0	655	166	26	3	2	0.01	7.82	0
9690029	9690021	7.28	3 1-	2 ACSR 6/1	0	0	652	166	8	1	1	0.00	7.82	0
9690031	9690029	7.34	1 1-	2 ACSR 6/1	0	0	645	166	4	0	0	0.00	7.82	0
9690030	9690029	7.34	2 1-	2 ACSR 6/1	0	0	646	166	4	0	0	0.00	7.82	0
9690022	9690021	7.45	0 1-	2 ACSR 6/1	0	0	634	165	0	0	0	0.00	7.82	0
9690020	9690027	7.27	1 1-	2 ACSR 6/1	0	0	654	166	8	1	1	0.00	7.82	0
9690019	9690027	7.23	1 1-	2 ACSR 6/1	0	0	658	167	3	0	0	0.00	7.82	0
9690018	9690016	7.14	1 1-	2 ACSR 6/1	0	0	669	167	2	0	0	0.00	7.80	0
9690014	9690012	6.94	2 1-	2 ACSR 6/1	0	0	694	169	6	0	0	0.00	7.75	0
9590062	9590049	6.49	3 1-	2 ACSR 6/1	0	0	756	172	20	2	1	0.00	7.62	0
9590063	9590062	6.54	2 1-	2 ACSR 6/1	0	0	749	171	13	1	1	0.00	7.62	0
9590051	9590063	6.59	1 1-	2 ACSR 6/1	0	0	741	171	6	0	0	0.00	7.62	0
9590032	9590063	6.58	1 1-	2 ACSR 6/1	0	0	742	171	7	0	1	0.00	7.62	0
9590043	9590042	6.25	7 1-	2 ACSR 6/1	0	0	793	173	17	2	1	0.00	7.49	0
9590040	9590041	6.10	3 1-	2 ACSR 6/1	0	0	819	174	12	1	1	0.00	7.40	0
9590039	9590040	6.17	1 1-	2 ACSR 6/1	0	0	807	174	7	0	0	0.00	7.40	0
9590038	9590040	6.15	2 1-	2 ACSR 6/1	0	0	810	174	5	0	0	0.00	7.40	0
9590036	9590037	6.03	2 1-	2 ACSR 6/1	0	0	831	175	8	1	1	0.00	7.36	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9580122	9580080	5.79	10 1-	2 ACSR 6/1	0	0	875	177	38	5	3	0.02	4.35	0
9580123	9580122	5.83	2 1-	2 ACSR 6/1	0	0	868	176	10	1	1	0.00	4.35	0
9580065	9580123	5.95	1 1-	2 ACSR 6/1	0	0	845	176	3	0	0	0.00	4.35	0
9580063	9580123	5.97	1 1-	2 ACSR 6/1	0	0	842	175	7	0	0	0.00	4.35	0
9580064	9580122	5.95	7 1-	2 ACSR 6/1	0	0	845	176	27	3	2	0.02	4.36	0
9590044	9580064	5.99	6 1-	2 ACSR 6/1	0	0	838	175	24	3	2	0.00	4.37	0
9590067	9590044	6.03	1 1-	2 ACSR 6/1	0	0	832	175	8	1	1	0.00	4.37	0
9590071	9590067	6.17	0 1-	2 ACSR 6/1	0	0	807	174	0	0	0	0.00	4.37	0
9590054	9590044	6.03	4 1-	2 ACSR 6/1	0	0	830	175	11	1	1	0.00	4.37	0
9590046	9590054	6.08	0 1-	2 ACSR 6/1	0	0	822	175	0	0	0	0.00	4.37	0
9590045	9590054	6.06	4 1-	2 ACSR 6/1	0	0	826	175	11	1	1	0.00	4.37	0
9580079	9580078	5.61	1 1-	2 ACSR 6/1	0	0	912	178	8	0	1	0.00	4.29	0
9580096	9580095	5.31	2 1-	2 ACSR 6/1	0	0	980	180	15	2	1	0.00	6.79	0
9580097	9580096	5.36	1 1-	2 ACSR 6/1	0	0	967	180	8	1	1	0.00	6.79	0
9580117	9580091	4.68	0 1-	2 ACSR 6/1	0	0	1104	183	0	0	0	0.00	4.06	0
9580124	9580066	4.56	1 1-	2 ACSR 6/1	0	0	1125	183	4	0	0	0.00	4.05	0
9580100	9580099	4.29	108 3-	336 ACSR 18/1	1672	1524	1184	184	2070	93	18	0.01	5.08	29
D09-58-P006	9580100	4.29	1 1-	FUS-40	0	0	1184	184	8	1	3	0.00	4.03	0
9580094	D09-58-P006	4.34	1 1-	2 ACSR 6/1	0	0	1165	184	8	1	1	0.00	4.03	0
9580070	9580100	4.30	107 3-	336 ACSR 18/1	1668	1520	1180	184	2061	93	18	0.01	5.09	16
D09-58-P044	9580070	4.30	107 3-	ER3-RVE-200/100	1668	1520	1180	184	2061	93	89	0.00	5.09	0
9580069	D09-58-P044	4.33	107 3-	336 ACSR 18/1	1661	1513	1175	184	2061	93	18	0.01	5.11	23
D09-58-P104	9580069	4.33	4 1-	FUS	0	0	1175	184	9	1	26	0.00	5.08	0
9580135	D09-58-P104	4.35	4 1-	2 ACSR 6/1	0	0	1169	184	9	1	1	0.00	5.08	0
9580093	9580069	4.38	102 3-	336 ACSR 18/1	1649	1502	1165	184	2047	92	17	0.02	5.14	38
9570085	9580093	4.46	100 3-	336 ACSR 18/1	1630	1484	1150	184	2043	92	17	0.03	5.19	65
9570086	9570085	4.59	98 3-	336 ACSR 18/1	1599	1455	1125	184	2033	91	17	0.05	5.28	107
D09-57-P031	9570086	4.59	8 1-	FUS-40	0	0	1125	184	40	5	15	0.00	4.16	0
9570059	D09-57-P031	4.66	8 1-	2 ACSR 6/1	0	0	1105	183	40	5	3	0.01	4.17	0
9570069	9570059	4.68	6 1-	2 ACSR 6/1	0	0	1097	183	25	3	2	0.00	4.18	0
9570060	9570069	4.83	4 1-	2 ACSR 6/1	0	0	1054	182	17	2	1	0.01	4.18	0
9570076	9570060	4.87	3 1-	2 ACSR 6/1	0	0	1044	181	15	1	1	0.00	4.19	0
9570087	9570076	4.97	1 1-	2 ACSR 6/1	0	0	1018	181	3	0	0	0.00	4.19	0
9570068	9570059	4.72	1 1-	2 ACSR 6/1	0	0	1088	183	3	0	0	0.00	4.17	0
9570042	9570086	4.64	90 3-	336 ACSR 18/1	1587	1443	1115	183	1991	90	17	0.02	5.31	42
D09-57-P030	9570042	4.64	3 1-	FUS	0	0	1115	183	9	1	26	0.00	5.43	0
9570108	D09-57-P030	4.65	3 1-	2 ACSR 6/1	0	0	1113	183	9	1	1	0.00	5.43	0
9570037	9570042	4.69	87 3-	336 ACSR 18/1	1576	1434	1107	183	1982	89	17	0.02	5.34	36
D09-57-P294	9570037	4.69	6 1-	FUS-40	0	0	1107	183	18	2	7	0.00	4.21	0
9570077	D09-57-P294	4.72	6 1-	2 ACSR 6/1	0	0	1097	183	18	2	1	0.00	4.21	0
9570078	9570077	4.76	3 1-	2 ACSR 6/1	0	0	1087	183	10	1	1	0.00	4.21	0
9570079	9570078	4.82	2 1-	2 ACSR 6/1	0	0	1069	182	2	0	0	0.00	4.21	0
9570080	9570037	4.73	81 3-	336 ACSR 18/1	1568	1426	1101	183	1964	89	17	0.01	5.36	28
9570081	9570080	4.76	79 3-	336 ACSR 18/1	1560	1418	1094	183	1949	88	17	0.01	5.38	26
9570082	9570081	4.80	78 3-	336 ACSR 18/1	1551	1410	1087	183	1943	88	17	0.02	5.41	29
9570115	9570082	4.82	1 1-	2 ACSR 6/1	0	0	1084	183	4	0	0	0.00	4.25	0
9570116	9570115	4.93	1 1-	15 KV 2 URD XLP	0	0	1054	415	4	0	0	0.00	4.25	0
9570117	9570116	4.96	0 1-	15 KV 2 URD XLP	0	0	1047	414	0	0	0	0.00	4.25	0
9570114	9570116	4.96	0 1-	15 KV 2 URD XLP	0	0	1047	414	0	0	0	0.00	4.25	0
9570124	9570082	4.85	77 3-	336 ACSR 18/1	1540	1400	1079	183	1939	87	17	0.02	5.44	39
9570083	9570124	4.94	76 3-	336 ACSR 18/1	1523	1384	1065	183	1933	87	17	0.03	5.49	59
D09-57-P024	9570083	4.94	2 1-	FUS-40	0	0	1065	183	9	1	3	0.00	4.31	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9570119	D09-57-P024	4.99	2 1-	15 KV 2 URD XLP	0	0	1052	417	9	1	1	0.00	4.31	0
9570120	9570119	5.04	1 1-	15 KV 2 URD XLP	0	0	1041	415	7	0	1	0.00	4.31	0
9570088	9570083	5.00	5 1-	2 ACSR 6/1	0	0	1047	182	22	2	2	0.00	5.74	0
9570089	9570088	5.07	4 1-	2 ACSR 6/1	0	0	1030	182	14	1	1	0.00	5.74	0
9570052	9570089	5.38	3 1-	2 ACSR 6/1	0	0	952	179	11	1	1	0.01	5.75	0
9670047	9570052	5.42	3 1-	2 ACSR 6/1	0	0	944	179	11	1	1	0.00	5.75	0
9670034	9570052	5.47	0 1-	2 ACSR 6/1	0	0	933	179	0	0	0	0.00	5.75	0
9570084	9570083	5.02	68 3-	336 ACSR 18/1	1506	1368	1052	183	1896	86	16	0.03	5.54	57
D09-57-P116	9570084	5.02	41 1-	REC-50-4H			1052	183	165	21	43	0.00	4.34	0
9570121	D09-57-P116	5.05	41 1-	2 ACSR 6/1	0	0	1044	182	165	21	12	0.02	4.36	3
9570122	9570121	5.08	40 1-	2 ACSR 6/1	0	0	1034	182	162	21	12	0.02	4.38	3
9570049	9570122	5.11	7 1-	2 ACSR 6/1	0	0	1026	182	30	3	2	0.00	4.38	0
9570050	9570049	5.17	5 1-	2 ACSR 6/1	0	0	1012	181	25	3	2	0.00	4.39	0
9570053	9570050	5.21	3 1-	2 ACSR 6/1	0	0	1002	181	15	1	1	0.00	4.39	0
9570061	9570122	5.20	33 1-	2 ACSR 6/1	0	0	1003	181	131	17	10	0.06	4.44	6
9570070	9570061	5.23	31 1-	2 ACSR 6/1	0	0	997	181	117	15	8	0.01	4.45	1
9570071	9570070	5.27	31 1-	2 ACSR 6/1	0	0	988	181	117	15	8	0.02	4.47	2
9570072	9570071	5.33	20 1-	2 ACSR 6/1	0	0	972	180	97	12	7	0.02	4.49	2
9570073	9570072	5.37	18 1-	2 ACSR 6/1	0	0	964	180	88	11	6	0.01	4.50	0
9570074	9570073	5.41	17 1-	2 ACSR 6/1	0	0	954	179	78	10	6	0.01	4.51	0
9570075	9570074	5.62	11 1-	2 ACSR 6/1	0	0	908	178	53	6	4	0.04	4.55	1
9570066	9570075	5.67	4 1-	2 ACSR 6/1	0	0	897	177	21	2	2	0.00	4.55	0
9570090	9570066	5.74	2 1-	2 ACSR 6/1	0	0	885	177	13	1	1	0.00	4.55	0
9570065	9570075	5.67	5 1-	2 ACSR 6/1	0	0	898	177	21	2	1	0.00	4.55	0
9570064	9570065	5.70	3 1-	2 ACSR 6/1	0	0	891	177	15	1	1	0.00	4.55	0
9570067	9570074	5.46	1 1-	2 ACSR 6/1	0	0	943	179	9	1	1	0.00	4.51	0
9570063	9570073	5.41	1 1-	2 ACSR 6/1	0	0	954	179	10	1	1	0.00	4.50	0
9570098	9570071	5.47	11 1-	2 ACSR 6/1	0	0	941	179	20	2	1	0.01	4.48	0
9570095	9570098	5.53	11 1-	2 ACSR 6/1	0	0	927	179	20	2	1	0.00	4.48	0
9570096	9570095	5.59	2 1-	2 ACSR 6/1	0	0	914	178	1	0	0	0.00	4.48	0
9570097	9570061	5.25	1 1-	2 ACSR 6/1	0	0	992	181	8	1	1	0.00	4.44	0
9570062	9570061	5.25	0 1-	2 ACSR 6/1	0	0	993	181	0	0	0	0.00	4.44	0
9570106	9570084	5.10	27 3-	336 ACSR 18/1	1489	1351	1038	182	1730	79	15	0.05	5.59	52
C09-57-P118	9570106	5.10	0 3-	Capacitor	1489	1351	1038	182	0	-13	0	0.00	5.59	0
9570107	9570106	5.35	27 3-	336 ACSR 18/1	1440	1306	1001	182	1730	83	16	0.16	5.76	167
9570054	9570107	5.41	2 3-	336 ACSR 18/1	1430	1296	993	182	357	17	3	0.01	5.77	2
9570950	9570054	5.41	2 3-	Consumer	1430	1296	993	182	357	17	0	0.00	5.77	0
9570043	9570054	5.44	0 3-	15 KV 2 URD XLP	1424	1290	989	411	0	0	0	0.00	5.77	0
9570051	9570107	5.38	25 3-	336 ACSR 18/1	1436	1302	997	182	1371	66	13	0.01	5.78	11
9570094	9570051	5.40	2 3-	336 ACSR 18/1	1431	1298	994	182	598	29	6	0.01	5.78	2
9570091	9570094	5.42	2 3-	336 ACSR 18/1	1427	1294	991	182	598	29	6	0.01	5.79	2
9570700	9570091	5.42	2 3-	Consumer	1427	1294	991	182	598	29	0	0.00	5.79	0
9570038	9570051	5.41	23 3-	336 ACSR 18/1	1429	1296	992	182	773	37	7	0.01	5.79	6
9570040	9570038	5.49	21 3-	336 ACSR 18/1	1415	1283	981	181	454	21	4	0.01	5.80	6
9570058	9570040	5.58	1 1-	2 ACSR 6/1	0	0	961	181	2	0	0	0.00	4.44	0
9570126	9570058	5.66	0 1-	2 ACSR 6/1	0	0	943	180	0	0	0	0.00	4.44	0
9570109	9570126	5.72	0 1-	2 ACSR 6/1	0	0	929	180	0	0	0	0.00	4.44	0
9570111	9570109	5.78	0 1-	2 ACSR 6/1	0	0	917	179	0	0	0	0.00	4.44	0
9570110	9570109	5.78	0 1-	2 ACSR 6/1	0	0	917	179	0	0	0	0.00	4.44	0
9570041	9570040	5.53	20 3-	336 ACSR 18/1	1407	1275	975	181	452	21	4	0.01	5.81	4
9570113	9570041	5.60	3 3-	336 ACSR 18/1	1395	1264	966	181	66	3	1	0.00	5.81	0
9570125	9570113	5.63	2 1-	2 ACSR 6/1	0	0	960	181	2	0	0	0.00	6.71	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9570112	9570113	5.66	1 3-	336 ACSR 18/1	1384	1254	957	181	65	3	1	0.00	5.81	0
9570056	9570041	5.60	17 3-	336 ACSR 18/1	1396	1265	966	181	386	18	3	0.01	5.82	4
9570057	9570056	5.66	16 3-	336 ACSR 18/1	1385	1254	958	181	386	18	3	0.01	5.82	5
9570055	9570057	5.83	3 3-	336 ACSR 18/1	1356	1228	936	181	20	0	0	0.00	5.83	0
9570990	9570055	5.83	2 3-	Consumer	1356	1228	936	181	8	0	0	0.00	5.83	0
9570118	9570055	5.97	1 3-	1/0 ACSR 6/1	1321	1194	911	180	12	0	0	0.00	5.83	0
9570044	9570057	5.92	13 3-	336 ACSR 18/1	1340	1213	924	180	365	17	3	0.03	5.86	18
9670037	9570044	6.18	13 3-	336 ACSR 18/1	1300	1175	893	180	365	17	3	0.03	5.90	18
9670076	9670037	6.31	10 3-	336 ACSR 18/1	1280	1157	878	179	347	16	3	0.01	5.91	9
9670079	9670076	6.37	0 3-	336 ACSR 18/1	1272	1150	872	179	0	0	0	0.00	5.91	0
09-67-P167-B	9670079	6.37	0 3-	Open	1272	1150	872	179	0	0	0	0.00	5.91	0
9670077	9670076	6.35	10 3-	336 ACSR 18/1	1275	1153	874	179	347	16	3	0.00	5.92	2
9670060	9670077	6.44	1 1-	15 KV 2 URD XLP	0	0	859	392	60	8	5	0.02	6.69	0
9670053	9670077	6.39	9 3-	15 KV 2 URD XLP	1267	1144	869	395	286	13	8	0.00	5.93	10
9670054	9670053	6.46	9 3-	15 KV 2 URD XLP	1255	1132	862	392	286	13	8	0.00	5.96	14
9670052	9670054	6.55	9 3-	15 KV 2 URD XLP	1239	1117	852	389	286	13	8	0.00	5.99	19
9670059	9670052	6.58	3 3-	15 KV 2 URD XLP	1233	1111	848	387	245	11	7	0.00	6.00	2
9670010	9670059	6.58	2 3-	Consumer	1233	1111	848	387	108	4	0	0.00	6.00	0
9670051	9670052	6.60	6 3-	15 KV 2 URD XLP	1229	1107	846	387	41	-1	1	0.00	5.99	0
9670084	9670051	6.63	2 3-	15 KV 2 URD XLP	1223	1101	842	385	32	-1	1	0.00	5.99	0
9670087	9670084	6.84	1 1-	2 ACSR 6/1	0	0	807	175	0	0	0	0.00	6.88	0
9670088	9670084	6.69	1 3-	2 ACSR 6/1	1209	1087	833	176	32	1	1	0.00	5.99	0
9670089	9670088	6.71	0 1-	2 ACSR 6/1	0	0	828	176	0	0	0	0.00	6.89	0
D09-67-P173	9670089	6.71	0 1-	FUS	0	0	828	176	0	0	0	0.00	6.89	0
9670085	D09-67-P173	6.80	0 1-	2 ACSR 6/1	0	0	814	176	0	0	0	0.00	6.89	0
9670083	9670085	6.86	0 1-	2 ACSR 6/1	0	0	803	175	0	0	0	0.00	6.89	0
9670050	9670051	6.63	4 1-	15 KV 2 URD XLP	0	0	841	385	9	1	1	0.00	6.88	0
9670048	9670037	6.22	3 3-	336 ACSR 18/1	1294	1170	888	180	18	0	0	0.00	5.90	0
NEW LP7	9670048	6.22	1 3-	Consumer	1294	1170	888	180	0	0	0	0.00	5.90	0
9570039	9570038	5.44	2 3-	336 ACSR 18/1	1423	1290	987	181	319	15	3	0.00	5.79	0
9570970	9570039	5.44	2 3-	Consumer	1423	1290	987	181	319	15	0	0.00	5.79	0
9570092	9570039	5.47	0 3-	15 KV 2 URD XLP	1418	1285	984	411	0	0	0	0.00	5.79	0
9570093	9570092	5.47	0 3-	15 KV 2 URD XLP	1417	1284	984	410	0	0	0	0.00	5.79	0
9380147	9380087	2.95	1 1-	2 ACSR 6/1	0	0	1526	187	7	0	1	0.00	4.91	0
9380085	9380084	2.94	9 3-	1/0 3PSC	2091	1919	1523	187	234	11	5	0.02	3.97	3
D09-38-P032	9380085	2.94	4 3-	FUS	2091	1919	1523	187	205	9	225	0.00	3.97	0
9380094	D09-38-P032	2.98	4 3-	1/0 3PSC	2070	1896	1499	187	205	9	4	0.01	3.97	1
9380076	9380094	3.05	0 1-	15 KV 2 URD XLP	0	0	1467	447	0	0	0	0.00	3.82	0
9380088	9380094	3.00	4 3-	2 ACSR 6/1	2059	1885	1491	187	205	9	5	0.00	3.98	0
9380610	9380088	3.00	2 3-	Consumer	2059	1885	1491	187	202	9	0	0.00	3.98	0
9380097	9380085	3.08	5 1-	2 ACSR 6/1	0	0	1446	186	29	3	2	0.02	3.83	0
9480007	9380097	3.10	2 1-	2 ACSR 6/1	0	0	1439	186	13	1	1	0.00	3.83	0
9480008	9480007	3.14	1 1-	2 ACSR 6/1	0	0	1417	186	6	0	0	0.00	3.83	0
9480006	9380097	3.14	3 1-	2 ACSR 6/1	0	0	1419	186	16	2	1	0.00	3.83	0
9480004	9480006	3.19	2 1-	2 ACSR 6/1	0	0	1391	185	10	1	1	0.00	3.84	0
9480005	9480004	3.28	2 1-	15 KV 2 URD XLP	0	0	1353	435	10	1	1	0.00	3.84	0
9380180	9380161	2.70	1 1-	2 ACSR 6/1	0	0	1612	188	2	0	0	0.00	4.62	0
9380096	9380095	2.45	13 1-	2 ACSR 6/1	0	0	1713	188	63	8	5	0.01	4.36	0
9380136	9380096	2.49	13 1-	15 KV 2 URD XLP	0	0	1693	460	63	8	5	0.01	4.37	0
9380134	9380136	2.53	1 1-	15 KV 2 URD XLP	0	0	1664	457	6	0	0	0.00	4.37	0
9380135	9380136	2.56	10 1-	2 ACSR 6/1	0	0	1642	187	47	6	3	0.01	4.38	0
9380132	9380135	2.62	4 1-	15 KV 2 URD XLP	0	0	1610	452	14	1	1	0.00	4.38	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9380133	9380135	2.64	5 1-	15 KV 2 URD XLP	0	0	1594	450	30	3	2	0.01	4.39	0
9380131	9380133	2.70	1 1-	15 KV 2 URD XLP	0	0	1561	447	1	0	0	0.00	4.39	0
9380130	9380133	2.71	2 1-	15 KV 2 URD XLP	0	0	1556	446	17	2	1	0.01	4.40	0
9380129	9380130	2.75	1 1-	15 KV 2 URD XLP	0	0	1533	444	9	1	1	0.00	4.40	0
9380074	9380130	2.77	1 1-	15 KV 2 URD XLP	0	0	1524	443	7	0	1	0.00	4.40	0
9280233	9280229	1.87	1 3-	2 ACSR 6/1	2623	2447	2017	190	5	0	0	0.00	2.97	0
9280232	9280233	1.90	1 3-	25 KV 1/0 URD X	2605	2429	2003	472	5	0	0	0.00	2.97	0
9280174	9280235	1.13	3 1-	2 ACSR 6/1	0	0	2681	192	9	1	1	0.00	2.25	0
9280087	9280172	1.00	20 1-	2 ACSR 6/1	0	0	2876	192	91	11	6	0.01	1.61	0
D09-28-P069	9280087	1.00	20 1-	RBC-50-L	0	0	2876	192	91	11	23	0.00	1.61	0
9280164	D09-28-P069	1.04	20 1-	2 ACSR 6/1	0	0	2800	192	91	11	6	0.01	1.62	0
9280165	9280164	1.15	19 1-	2 ACSR 6/1	0	0	2607	191	88	11	6	0.04	1.66	2
9280145	9280165	1.22	1 1-	15 KV 2 URD XLP	0	0	2506	480	6	0	0	0.00	1.66	0
9280166	9280165	1.20	1 1-	2 ACSR 6/1	0	0	2524	191	8	1	1	0.00	1.66	0
9280167	9280165	1.27	16 1-	2 ACSR 6/1	0	0	2414	190	72	9	5	0.03	1.69	2
9280168	9280167	1.30	15 1-	2 ACSR 6/1	0	0	2381	190	65	8	5	0.01	1.69	0
9280188	9280168	1.33	13 1-	2 ACSR 6/1	0	0	2330	190	54	6	4	0.01	1.70	0
9280189	9280188	1.40	12 1-	2 ACSR 6/1	0	0	2237	189	50	6	4	0.01	1.71	0
9280190	9280189	1.47	10 1-	2 ACSR 6/1	0	0	2151	189	43	5	3	0.01	1.73	0
9280201	9280190	1.58	9 1-	2 ACSR 6/1	0	0	2037	188	43	5	3	0.02	1.74	0
9280202	9280201	1.60	8 1-	2 ACSR 6/1	0	0	2010	188	41	5	3	0.00	1.74	0
9280191	9280202	1.63	6 1-	2 ACSR 6/1	0	0	1979	187	34	4	2	0.00	1.75	0
9280192	9280191	1.66	5 1-	2 ACSR 6/1	0	0	1951	187	30	3	2	0.00	1.75	0
9180091	9280192	1.69	1 1-	2 ACSR 6/1	0	0	1925	187	5	0	0	0.00	1.75	0
9180058	9280192	1.69	2 1-	2 ACSR 6/1	0	0	1922	187	21	2	1	0.00	1.75	0
9180059	9180058	1.73	1 1-	2 ACSR 6/1	0	0	1888	187	12	1	1	0.00	1.75	0
9280175	9280168	1.36	2 1-	2 ACSR 6/1	0	0	2300	190	12	1	1	0.00	1.70	0
9280237	9280175	1.39	1 1-	2 ACSR 6/1	0	0	2260	189	5	0	0	0.00	1.70	0
9270073	9270034	0.63	2 1-	2 ACSR 6/1	0	0	3550	194	6	0	0	0.00	0.83	0
9270094	9270036	0.52	5 1-	2 ACSR 6/1	0	0	3782	194	56	7	4	0.01	1.07	0
D09-27-P015	9270094	0.52	4 1-	FUS	0	0	3782	194	53	7	160	0.00	1.07	0
9270097	D09-27-P015	0.58	4 1-	2 ACSR 6/1	0	0	3604	194	53	7	4	0.01	1.08	0
9270120	9270097	0.72	4 1-	15 KV 2 URD XLP	0	0	3260	491	53	7	4	0.04	1.12	2
9270119	9270120	0.77	4 1-	15 KV 2 URD XLP	0	0	3145	488	53	7	4	0.01	1.14	0
9270102	9270119	0.85	4 1-	15 KV 2 URD XLP	0	0	2983	482	53	7	4	0.02	1.16	0
9270098	9270102	0.90	4 1-	15 KV 2 URD XLP	0	0	2875	479	53	7	4	0.01	1.17	0
9270103	9270098	0.95	4 1-	15 KV 2 URD XLP	0	0	2767	475	53	7	4	0.02	1.19	0
9270104	9270103	1.02	4 1-	15 KV 2 URD XLP	0	0	2650	471	53	7	4	0.02	1.20	0
9270100	9270104	1.08	2 1-	15 KV 2 URD XLP	0	0	2526	466	10	1	1	0.00	1.21	0
9270105	9270100	1.15	2 1-	15 KV 2 URD XLP	0	0	2416	461	10	1	1	0.00	1.21	0
9270106	9270105	1.23	1 1-	15 KV 2 URD XLP	0	0	2297	456	10	1	1	0.00	1.21	0
9270101	9270104	1.05	2 1-	15 KV 2 URD XLP	0	0	2580	468	43	5	4	0.00	1.21	0
9270096	9270094	0.66	1 1-	2 ACSR 6/1	0	0	3399	193	3	0	0	0.00	1.07	0
9270062	9270037	0.36	1 1-	2 ACSR 6/1	0	0	4227	195	6	0	0	0.00	0.71	0
9270069	9270068	0.24	20 1-	2 ACSR 6/1	0	0	4648	195	68	8	5	0.01	0.36	0
D09-27-P010	9270069	0.24	1 1-	FUS	0	0	4648	195	2	0	6	0.00	0.36	0
9270052	D09-27-P010	0.28	1 1-	15 KV 2 URD XLP	0	0	4483	509	2	0	0	0.00	0.36	0
9270076	9270069	0.35	18 1-	2 ACSR 6/1	0	0	4178	194	62	7	4	0.02	0.38	1
9370136	9270076	0.41	13 1-	15 KV 2 URD XLP	0	0	3989	502	48	6	4	0.01	0.40	0
9370149	9370136	0.46	0 1-	15 KV 2 URD XLP	0	0	3816	498	0	0	0	0.00	0.40	0
9370137	9370136	0.44	12 1-	15 KV 2 URD XLP	0	0	3875	499	46	5	3	0.01	0.40	0
9370138	9370137	0.52	10 1-	15 KV 2 URD XLP	0	0	3644	493	37	4	3	0.01	0.41	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
9370139	9370138	0.61	6 1-	15 KV 2 URD XLP	0	0	3384	487	25	3	2	0.01	0.42	0	
9370147	9370139	0.72	2 1-	15 KV 2 URD XLP	0	0	3088	479	12	1	1	0.00	0.43	0	
9370141	9370139	0.65	1 1-	15 KV 2 URD XLP	0	0	3270	484	2	0	0	0.00	0.42	0	
9370140	9370139	0.66	1 1-	15 KV 2 URD XLP	0	0	3257	483	3	0	0	0.00	0.42	0	
9370144	9270076	0.40	3 1-	15 KV 2 URD XLP	0	0	4010	502	10	1	1	0.00	0.38	0	
CKT 2 total losses:		\$15,060													
SUB 48, CKT 3															
BK4803	NORTHCORBIN(48)	0.00	775	3-	BK4803	5543	5608	5731	196	3721	155	46	0.00	0.00	0
9370071	BK4803	0.03	775	3-	4/0 ACSR 6/1	5464	5520	5597	196	3721	155	46	0.04	0.03	91
9370082	9370071	0.67	775	3-	4/0 ACSR 6/1	3971	3847	3458	194	3720	155	46	1.06	0.82	2288
9270074	9370082	0.82	775	3-	4/0 ACSR 6/1	3736	3595	3179	193	3699	155	46	0.23	1.00	510
9280173	9270074	0.93	775	3-	4/0 ACSR 6/1	3577	3426	2997	193	3694	155	46	0.17	1.13	382
9280088	9280173	1.62	739	3-	4/0 ACSR 6/1	2802	2628	2189	191	3502	147	43	1.03	1.91	2203
9280182	9280088	1.65	739	3-	4/0 ACSR 6/1	2774	2599	2161	190	3482	147	43	0.05	1.95	104
9280183	9280182	1.70	738	3-	4/0 ACSR 6/1	2732	2557	2121	190	3478	147	43	0.07	2.00	156
9280185	9280183	1.91	737	3-	4/0 ACSR 6/1	2563	2388	1962	190	3472	147	43	0.31	2.24	677
9280186	9280185	2.01	734	3-	4/0 ACSR 6/1	2496	2322	1900	189	3441	146	43	0.14	2.34	288
9280158	9280186	2.07	728	3-	4/0 ACSR 6/1	2449	2276	1857	189	3404	144	43	0.10	2.42	208
9280169	9280158	2.11	727	3-	4/0 ACSR 6/1	2428	2255	1838	189	3396	144	42	0.04	2.45	96
9280170	9280169	2.14	726	3-	4/0 ACSR 6/1	2404	2232	1816	189	3391	144	42	0.05	2.49	108
9280118	9280170	2.17	86	3-	2 ACSR 6/1	2378	2205	1795	189	438	18	10	0.01	2.50	6
D09-28-P170	9280118	2.17	86	3-	REC-35-L	2378	2205	1795	189	438	18	54	0.00	2.50	0
9280159	D09-28-P170	2.30	86	3-	2 ACSR 6/1	2256	2079	1694	187	438	18	10	0.07	2.56	30
9280160	9280159	2.47	85	3-	2 ACSR 6/1	2118	1939	1582	186	437	18	10	0.08	2.63	37
9180038	9280160	2.57	23	1-	2 ACSR 6/1	0	0	1522	185	128	16	9	0.05	3.52	5
9280197	9180038	2.61	1 1-	2 ACSR 6/1	0	0	1498	185	8	1	1	0.00	3.52	0	
9280198	9280197	2.65	1 1-	2 ACSR 6/1	0	0	1476	185	8	1	1	0.00	3.52	0	
9280193	9180038	2.65	22	1-	2 ACSR 6/1	0	0	1476	185	119	15	9	0.03	3.55	3
9280204	9280193	2.68	11	1-	2 ACSR 6/1	0	0	1459	185	52	6	4	0.01	3.56	0
9280146	9280204	2.74	9	1-	2 ACSR 6/1	0	0	1425	184	42	5	3	0.01	3.57	0
9280147	9280146	2.79	6	1-	2 ACSR 6/1	0	0	1402	184	27	3	2	0.00	3.57	0
9280149	9280147	2.98	2	1-	2 ACSR 6/1	0	0	1311	182	14	1	1	0.01	3.57	0
9280148	9280147	2.84	3	1-	2 ACSR 6/1	0	0	1378	183	9	1	1	0.00	3.57	0
9280187	9280193	2.69	11	1-	2 ACSR 6/1	0	0	1453	184	68	8	5	0.01	3.56	0
9280196	9280187	2.72	10	1-	2 ACSR 6/1	0	0	1437	184	60	7	4	0.01	3.57	0
9280195	9280196	2.81	4	1-	2 ACSR 6/1	0	0	1389	183	19	2	1	0.01	3.57	0
9280207	9280195	2.84	2	1-	2 ACSR 6/1	0	0	1377	183	12	1	1	0.00	3.57	0
9280203	9280207	2.95	1	1-	2 ACSR 6/1	0	0	1322	182	8	1	1	0.00	3.58	0
9280194	9280196	2.76	4	1-	2 ACSR 6/1	0	0	1416	184	25	3	2	0.00	3.57	0
9280200	9280194	2.81	3	1-	2 ACSR 6/1	0	0	1390	183	16	2	1	0.00	3.57	0
9280199	9280200	2.86	1	1-	2 ACSR 6/1	0	0	1365	183	5	0	0	0.00	3.57	0
9180039	9280160	2.56	61	3-	2 ACSR 6/1	2046	1867	1526	185	307	13	7	0.00	2.66	12
9180040	9180039	2.61	61	3-	2 ACSR 6/1	2008	1829	1496	185	307	13	7	0.00	2.68	7
9180051	9180040	2.69	59	3-	2 ACSR 6/1	1953	1776	1453	184	293	12	7	0.00	2.70	10
9180050	9180051	2.75	8	1-	2 ACSR 6/1	0	0	1422	184	45	5	3	0.01	2.87	0
9180084	9180050	2.81	5	1-	2 ACSR 6/1	0	0	1389	183	33	4	2	0.01	2.87	0
9180071	9180084	2.88	4	1-	2 ACSR 6/1	0	0	1357	183	27	3	2	0.00	2.88	0
9180092	9180071	2.99	1	1-	2 ACSR 6/1	0	0	1308	182	6	0	0	0.00	2.88	0
9180041	9180051	2.77	31	1-	2 ACSR 6/1	0	0	1414	184	146	18	10	0.04	2.90	5
9180072	9180041	2.85	31	1-	2 ACSR 6/1	0	0	1373	183	146	18	10	0.04	2.94	5
9180085	9180072	2.94	30	1-	2 ACSR 6/1	0	0	1328	183	135	17	10	0.04	2.99	5

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9180086	9180085	3.03	29 1-	2 ACSR 6/1	0	0	1289	182	125	16	9	0.04	3.02	4
9180067	9180086	3.15	27 1-	2 ACSR 6/1	0	0	1237	181	107	13	8	0.05	3.07	4
9180090	9180067	3.20	2 1-	2 ACSR 6/1	0	0	1217	181	6	0	0	0.00	3.07	0
9180077	9180067	3.21	22 1-	2 ACSR 6/1	0	0	1213	180	80	10	6	0.02	3.09	1
9180078	9180077	3.26	20 1-	2 ACSR 6/1	0	0	1194	180	76	9	5	0.01	3.10	0
D09-18-P033	9180078	3.26	14 1-	REC-25-H	0	0	1194	180	56	7	29	0.00	3.10	0
9180080	D09-18-P033	3.44	14 1-	2 ACSR 6/1	0	0	1131	179	56	7	4	0.04	3.14	2
9180081	9180080	3.62	13 1-	2 ACSR 6/1	0	0	1072	177	56	7	4	0.04	3.18	2
9180061	9180081	3.64	6 1-	2 ACSR 6/1	0	0	1067	177	23	2	2	0.00	3.18	0
9180070	9180061	3.70	4 1-	2 ACSR 6/1	0	0	1048	177	16	2	1	0.00	3.18	0
9180074	9180070	3.74	3 1-	2 ACSR 6/1	0	0	1037	177	12	1	1	0.00	3.18	0
9180075	9180074	3.76	1 1-	2 ACSR 6/1	0	0	1030	176	4	0	0	0.00	3.18	0
9180073	9180074	3.78	2 1-	2 ACSR 6/1	0	0	1024	176	8	1	1	0.00	3.18	0
9180069	9180061	3.66	2 1-	2 ACSR 6/1	0	0	1059	177	7	0	0	0.00	3.18	0
9180065	9180081	3.76	7 1-	2 ACSR 6/1	0	0	1029	176	33	4	2	0.02	3.19	0
9080032	9180065	3.88	2 1-	2 ACSR 6/1	0	0	998	176	4	0	0	0.00	3.19	0
9180064	9080032	4.01	1 1-	2 ACSR 6/1	0	0	963	175	3	0	0	0.00	3.19	0
9080031	9180065	3.83	1 1-	2 ACSR 6/1	0	0	1010	176	12	1	1	0.00	3.19	0
9080030	9180065	3.84	3 1-	2 ACSR 6/1	0	0	1007	176	9	1	1	0.00	3.19	0
9080018	9080030	3.94	2 1-	2 ACSR 6/1	0	0	981	175	3	0	0	0.00	3.20	0
9080017	9080030	3.91	1 1-	2 ACSR 6/1	0	0	990	175	6	0	0	0.00	3.20	0
9180079	9180078	3.31	4 1-	2 ACSR 6/1	0	0	1175	180	15	1	1	0.00	3.10	0
9180068	9180079	3.37	1 1-	2 ACSR 6/1	0	0	1155	179	3	0	0	0.00	3.10	0
9180095	9180068	3.54	0 1-	2 ACSR 6/1	0	0	1098	178	0	0	0	0.00	3.10	0
9180093	9180067	3.17	3 1-	2 ACSR 6/1	0	0	1228	181	21	2	1	0.00	3.07	0
9180094	9180093	3.23	2 1-	2 ACSR 6/1	0	0	1207	180	13	1	1	0.00	3.08	0
9180096	9180094	3.32	1 1-	2 ACSR 6/1	0	0	1174	180	7	0	1	0.00	3.08	0
9180066	9180086	3.10	1 1-	2 ACSR 6/1	0	0	1259	181	5	0	0	0.00	3.02	0
9180052	9180051	2.79	19 3-	2 ACSR 6/1	1888	1711	1403	184	93	4	2	0.02	2.71	1
9180053	9180052	2.86	19 3-	2 ACSR 6/1	1841	1666	1367	183	93	4	2	0.02	2.72	0
9180057	9180053	2.92	19 3-	2 ACSR 6/1	1801	1627	1337	183	93	4	2	0.02	2.72	0
9180056	9180057	2.97	3 1-	2 ACSR 6/1	0	0	1315	182	18	2	1	0.00	2.88	0
9180049	9180056	3.05	1 1-	2 ACSR 6/1	0	0	1279	182	10	1	1	0.00	2.89	0
9180082	9180049	3.11	0 1-	2 ACSR 6/1	0	0	1253	181	0	0	0	0.00	2.89	0
9180083	9180082	3.18	0 1-	2 ACSR 6/1	0	0	1226	181	0	0	0	0.00	2.89	0
9180076	9180049	3.10	1 1-	2 ACSR 6/1	0	0	1258	181	10	1	1	0.00	2.89	0
9180055	9180057	2.97	13 1-	2 ACSR 6/1	0	0	1314	182	68	8	5	0.01	3.54	0
9180042	9180055	3.02	12 1-	2 ACSR 6/1	0	0	1292	182	60	7	4	0.01	3.55	0
9180044	9180042	3.08	10 1-	2 ACSR 6/1	0	0	1267	181	53	6	4	0.01	3.57	0
9180045	9180044	3.13	10 1-	2 ACSR 6/1	0	0	1247	181	53	6	4	0.01	3.57	0
9180046	9180045	3.16	10 1-	2 ACSR 6/1	0	0	1233	181	53	6	4	0.01	3.58	0
9180047	9180046	3.20	10 1-	2 ACSR 6/1	0	0	1217	181	53	6	4	0.01	3.59	0
9180060	9180047	3.33	8 1-	2 ACSR 6/1	0	0	1170	180	37	4	3	0.01	3.60	0
9280105	9180060	3.35	6 1-	2 ACSR 6/1	0	0	1160	179	26	3	2	0.00	3.61	0
9280106	9280105	3.40	5 1-	2 ACSR 6/1	0	0	1146	179	18	2	1	0.00	3.61	0
9280116	9280106	3.43	4 1-	2 ACSR 6/1	0	0	1132	179	17	2	1	0.00	3.61	0
9280117	9280116	3.58	1 1-	2 ACSR 6/1	0	0	1084	178	4	0	0	0.00	3.61	0
9180048	9180047	3.24	2 1-	2 ACSR 6/1	0	0	1201	180	15	1	1	0.00	3.59	0
9180043	9180042	3.06	0 1-	2 ACSR 6/1	0	0	1273	182	0	0	0	0.00	3.55	0
9180054	9180057	2.96	2 1-	2 ACSR 6/1	0	0	1321	182	2	0	0	0.00	3.53	0
9280103	9280170	2.44	390 3-	4/0 ACSR 6/1	2220	2052	1653	188	1739	74	22	0.25	2.68	259
9290080	9280103	2.59	285 3-	4/0 ACSR 6/1	2139	1973	1582	187	1221	52	15	0.08	2.75	77

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10220095	10220052	4.01	205 3-	4/0 ACSR 6/1	1588	1446	1126	182	823	35 10	0.04	3.24	26	
10320176	10220095	4.05	52 1-	2 ACSR 6/1	0	0	1115	182	224	28 16	0.03	3.02	5	
10220056	10320176	4.07	51 1-	2 ACSR 6/1	0	0	1108	182	223	28 16	0.02	3.04	3	
10220053	10220056	4.11	50 1-	2 ACSR 6/1	0	0	1097	182	221	28 16	0.03	3.07	5	
D10-22-P010	10220053	4.11	50 1-	RBC-50-L	0	0	1097	182	221	28 57	0.00	3.07	0	
10220057	D10-22-P010	4.14	50 1-	2 ACSR 6/1	0	0	1087	181	221	28 16	0.03	3.10	5	
10220078	10220057	4.24	45 1-	2 ACSR 6/1	0	0	1057	181	201	25 14	0.08	3.17	12	
10220079	10220078	4.29	44 1-	2 ACSR 6/1	0	0	1044	180	195	25 14	0.03	3.20	5	
10220081	10220079	4.40	42 1-	2 ACSR 6/1	0	0	1015	179	185	23 13	0.07	3.28	11	
10220071	10220081	4.47	2 1-	2 ACSR 6/1	0	0	995	179	16	2 1	0.00	3.28	0	
10220073	10220071	4.50	1 1-	2 ACSR 6/1	0	0	988	179	8	1 1	0.00	3.28	0	
10220072	10220071	4.55	1 1-	2 ACSR 6/1	0	0	975	178	8	0 1	0.00	3.28	0	
10220074	10220081	4.49	39 1-	2 ACSR 6/1	0	0	991	179	166	21 12	0.06	3.33	7	
10220076	10220074	4.57	36 1-	2 ACSR 6/1	0	0	970	178	157	20 11	0.05	3.38	6	
10220082	10220076	4.65	35 1-	2 ACSR 6/1	0	0	951	177	153	19 11	0.04	3.43	5	
10220084	10220082	4.73	33 1-	2 ACSR 6/1	0	0	933	177	147	19 11	0.04	3.47	5	
10220085	10220084	4.83	32 1-	2 ACSR 6/1	0	0	910	176	142	18 10	0.05	3.52	6	
10220088	10220085	4.91	2 1-	2 ACSR 6/1	0	0	894	176	13	1 1	0.00	3.52	0	
10220087	10220085	4.90	28 1-	2 ACSR 6/1	0	0	896	176	116	15 8	0.03	3.55	3	
10220064	10220087	4.99	11 1-	2 ACSR 6/1	0	0	878	175	53	6 4	0.02	3.56	0	
10220065	10220064	5.06	10 1-	2 ACSR 6/1	0	0	863	174	47	6 3	0.01	3.58	0	
10220066	10220065	5.11	9 1-	2 ACSR 6/1	0	0	855	174	38	4 3	0.01	3.58	0	
10220068	10220066	5.15	8 1-	2 ACSR 6/1	0	0	847	174	37	4 3	0.01	3.59	0	
D10-22-P040	10220068	5.15	0 1-	SEC-50-GH	0	0	847	174	0	0 0	0.00	3.59	0	
10220069	D10-22-P040	5.23	0 1-	2 ACSR 6/1	0	0	832	173	0	0 0	0.00	3.59	0	
10230005	10220069	5.33	0 1-	2 ACSR 6/1	0	0	813	173	0	0 0	0.00	3.59	0	
D10-22-P040A	10220068	5.15	7 1-	SEC-50-GH	0	0	847	174	32	4 0	0.00	3.59	0	
10220060	D10-22-P040A	5.27	7 1-	2 ACSR 6/1	0	0	825	173	32	4 2	0.01	3.60	0	
10230006	10220060	5.38	6 1-	2 ACSR 6/1	0	0	805	172	27	3 2	0.01	3.61	0	
10130015	10230006	5.48	5 1-	2 ACSR 6/1	0	0	788	172	24	3 2	0.01	3.62	0	
10130016	10130015	5.53	4 1-	2 ACSR 6/1	0	0	780	171	23	2 2	0.00	3.62	0	
10130018	10130016	5.69	2 1-	2 ACSR 6/1	0	0	754	170	9	1 1	0.01	3.63	0	
10130019	10130018	5.85	2 1-	2 ACSR 6/1	0	0	731	169	9	1 1	0.00	3.63	0	
10130011	10130019	6.25	1 1-	2 ACSR 6/1	0	0	677	166	5	0 0	0.00	3.64	0	
10130017	10130016	5.59	2 1-	2 ACSR 6/1	0	0	770	171	14	1 1	0.00	3.63	0	
10220067	10220066	5.22	1 1-	2 ACSR 6/1	0	0	834	173	1	0 0	0.00	3.58	0	
10220090	10220087	5.02	17 1-	2 ACSR 6/1	0	0	872	175	63	8 5	0.03	3.58	1	
10220091	10220090	5.05	17 1-	2 ACSR 6/1	0	0	865	175	63	8 5	0.01	3.58	0	
10220092	10220091	5.10	15 1-	2 ACSR 6/1	0	0	856	174	56	7 4	0.01	3.59	0	
10220094	10220092	5.15	9 1-	2 ACSR 6/1	0	0	847	174	29	3 2	0.01	3.60	0	
10220100	10220094	5.18	1 1-	2 ACSR 6/1	0	0	841	174	6	0 0	0.00	3.60	0	
10220061	10220094	5.24	8 1-	2 ACSR 6/1	0	0	829	173	23	2 2	0.01	3.60	0	
10220101	10220061	5.28	6 1-	2 ACSR 6/1	0	0	822	173	20	2 1	0.00	3.61	0	
10220103	10220101	5.32	0 1-	2 ACSR 6/1	0	0	815	173	0	0 0	0.00	3.61	0	
10220102	10220101	5.41	6 1-	2 ACSR 6/1	0	0	799	172	20	2 1	0.01	3.62	0	
10220048	10220102	5.48	4 1-	2 ACSR 6/1	0	0	788	172	12	1 1	0.00	3.62	0	
10220063	10220048	5.52	1 1-	2 ACSR 6/1	0	0	781	171	4	0 0	0.00	3.62	0	
10220051	10220048	5.64	3 1-	2 ACSR 6/1	0	0	762	170	9	1 1	0.00	3.62	0	
10120083	10220051	5.70	1 1-	2 ACSR 6/1	0	0	753	170	1	0 0	0.00	3.62	0	
10120084	10120083	6.01	0 1-	2 ACSR 6/1	0	0	709	168	0	0 0	0.00	3.62	0	
10-12-P036-A	10120084	6.01	0 1-	Open	0	0	709	168	0	0 0	0.00	3.62	0	
10220062	10220102	5.47	2 1-	2 ACSR 6/1	0	0	790	172	7	0 1	0.00	3.62	0	

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10220093	10220092	5.15	3 1-	2 ACSR 6/1	0	0	847	174	15	1	1	0.00	3.59	0
10220086	10220085	4.89	1 1-	2 ACSR 6/1	0	0	899	176	4	0	0	0.00	3.52	0
10220049	10220086	4.95	0 1-	2 ACSR 6/1	0	0	886	175	0	0	0	0.00	3.52	0
10220089	10220086	4.93	1 1-	2 ACSR 6/1	0	0	889	175	4	0	0	0.00	3.52	0
10220083	10220082	4.73	1 1-	2 ACSR 6/1	0	0	933	177	4	0	0	0.00	3.43	0
10220075	10220074	4.59	1 1-	2 ACSR 6/1	0	0	966	178	7	0	0	0.00	3.33	0
10220080	10220079	4.35	1 1-	2 ACSR 6/1	0	0	1027	180	8	1	1	0.00	3.20	0
10220058	10220057	4.17	4 1-	2 ACSR 6/1	0	0	1078	181	12	1	1	0.00	3.10	0
10220059	10220058	4.26	2 1-	2 ACSR 6/1	0	0	1051	180	6	0	0	0.00	3.10	0
10220077	10220059	4.30	1 1-	2 ACSR 6/1	0	0	1044	180	6	0	0	0.00	3.10	0
10320164	10320095	4.07	152 3-	4/0 ACSR 6/1	1572	1431	1114	182	598	25	8	0.01	3.25	6
10320166	10320164	4.13	150 3-	4/0 ACSR 6/1	1554	1414	1100	182	594	25	8	0.01	3.27	7
10320167	10320166	4.19	4 1-	2 ACSR 6/1	0	0	1083	181	10	1	1	0.00	3.00	0
10320165	10320166	4.20	144 3-	4/0 ACSR 6/1	1534	1396	1084	182	571	24	7	0.01	3.28	8
10320153	10320165	4.27	138 3-	4/0 ACSR 6/1	1516	1379	1070	181	542	23	7	0.01	3.30	7
10320154	10320153	4.31	136 3-	4/0 ACSR 6/1	1505	1369	1061	181	540	23	7	0.01	3.30	5
10320086	10320154	4.41	135 3-	4/0 ACSR 6/1	1479	1344	1041	181	536	23	7	0.01	3.32	11
10320090	10320086	4.65	46 3-	4/0 ACSR 6/1	1422	1291	997	180	187	8	2	0.04	3.34	4
10320091	10320090	4.74	43 3-	4/0 ACSR 6/1	1400	1270	980	180	171	7	2	0.01	3.35	1
10320158	10320091	4.80	3 1-	2 ACSR 6/1	0	0	966	179	9	1	1	0.00	2.82	0
10320159	10320158	4.86	3 1-	2 ACSR 6/1	0	0	953	179	9	1	1	0.00	2.82	0
10320149	10320091	4.83	40 3-	4/0 ACSR 6/1	1380	1252	965	180	162	7	2	0.01	3.35	1
10330080	10320149	4.89	2 1-	2 ACSR 6/1	0	0	951	179	8	1	1	0.00	2.83	0
10330081	10330080	5.00	1 1-	2 ACSR 6/1	0	0	926	178	2	0	0	0.00	2.83	0
10330079	10320149	4.89	37 3-	4/0 ACSR 6/1	1368	1240	955	179	150	6	2	0.01	3.35	0
10330068	10330079	4.94	36 3-	4/0 ACSR 6/1	1358	1231	947	179	143	6	2	0.01	3.36	0
10330078	10330068	4.97	1 1-	2 ACSR 6/1	0	0	940	179	0	0	0	0.00	2.83	0
10330069	10330068	4.97	1 1-	2 ACSR 6/1	0	0	941	179	5	0	0	0.00	4.28	0
10330067	10330068	5.00	33 3-	4/0 ACSR 6/1	1344	1218	937	179	132	5	2	0.01	3.36	0
10330043	10330067	5.15	30 3-	4/0 ACSR 6/1	1313	1189	913	178	116	5	1	0.02	3.37	0
10330091	10330043	5.21	2 1-	2 ACSR 6/1	0	0	902	178	4	0	0	0.00	4.30	0
10330092	10330091	5.39	2 1-	2 ACSR 6/1	0	0	867	177	4	0	0	0.00	4.31	0
10330090	10330043	5.31	1 1-	2 ACSR 6/1	0	0	881	177	0	0	0	0.00	2.85	0
10330093	10330043	5.25	27 3-	4/0 ACSR 6/1	1295	1172	899	178	112	4	1	0.01	3.37	0
10330105	10330093	5.40	25 3-	4/0 ACSR 6/1	1265	1144	877	178	97	4	1	0.02	3.38	0
10330107	10330105	5.58	1 1-	2 ACSR 6/1	0	0	844	176	5	0	0	0.00	4.33	0
10330106	10330105	5.49	24 3-	4/0 ACSR 6/1	1250	1130	865	177	92	3	1	0.01	3.38	0
10330095	10330106	5.61	23 3-	4/0 ACSR 6/1	1229	1110	850	177	92	3	1	0.01	3.38	0
10330044	10330095	5.66	20 3-	4/0 ACSR 6/1	1219	1101	842	177	87	3	1	0.01	3.38	0
10330045	10330044	5.73	16 1-	2 ACSR 6/1	0	0	831	176	62	8	5	0.02	4.37	0
10330098	10330045	5.86	2 1-	2 ACSR 6/1	0	0	808	175	6	0	0	0.00	4.37	0
10330083	10330098	5.92	1 1-	2 ACSR 6/1	0	0	799	175	4	0	0	0.00	4.37	0
10330084	10330045	5.85	14 1-	2 ACSR 6/1	0	0	811	175	57	7	4	0.02	4.40	1
10330101	10330084	6.00	13 1-	2 ACSR 6/1	0	0	786	174	55	7	4	0.03	4.43	1
10430088	10330101	6.07	12 1-	2 ACSR 6/1	0	0	775	174	48	6	3	0.01	4.44	0
10430091	10430088	6.17	3 1-	2 ACSR 6/1	0	0	759	173	23	2	2	0.00	4.44	0
10430090	10430088	6.10	1 1-	2 ACSR 6/1	0	0	769	173	0	0	0	0.00	4.44	0
10430089	10430088	6.15	2 1-	2 ACSR 6/1	0	0	763	173	4	0	0	0.00	4.44	0
10430087	10430088	6.29	4 1-	2 ACSR 6/1	0	0	743	172	19	2	1	0.01	4.45	0
10330085	10430087	6.30	3 1-	2 ACSR 6/1	0	0	740	172	15	2	1	0.00	4.45	0
10330086	10330085	6.63	3 1-	2 ACSR 6/1	0	0	696	170	15	2	1	0.01	4.47	0
10340045	10330086	6.67	2 1-	2 ACSR 6/1	0	0	691	169	7	0	1	0.00	4.47	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10330100	10330044	5.78	4 3-	4/0 ACSR 6/1	1200	1084	828	176	25	1	0	0.00	3.39	0
10430085	10330100	5.83	2 1-	2 ACSR 6/1	0	0	819	176	13	1	1	0.00	2.87	0
10430086	10330100	5.78	0 3-	2 ACSR 6/1	1198	1081	827	176	0	0	0	0.00	3.39	0
10-43-P029-A	10430086	5.78	0 3-	Open	1198	1081	827	176	0	0	0	0.00	3.39	0
10330096	10330095	5.68	3 1-	2 ACSR 6/1	0	0	836	176	5	0	0	0.00	4.35	0
10330097	10330096	5.75	1 1-	2 ACSR 6/1	0	0	825	176	0	0	0	0.00	4.35	0
10330094	10330093	5.28	1 1-	2 ACSR 6/1	0	0	893	178	9	1	1	0.00	2.85	0
10330042	10330067	5.11	3 1-	2 ACSR 6/1	0	0	913	178	16	2	1	0.01	4.29	0
10330088	10330042	5.29	3 1-	2 ACSR 6/1	0	0	877	177	16	2	1	0.01	4.30	0
10330089	10330088	5.35	1 1-	2 ACSR 6/1	0	0	866	176	8	0	1	0.00	4.30	0
10330082	10330079	4.94	1 1-	2 ACSR 6/1	0	0	943	179	7	0	0	0.00	4.27	0
10320156	10320090	4.70	3 1-	2 ACSR 6/1	0	0	983	180	16	2	1	0.00	4.24	0
10320157	10320156	4.74	1 1-	2 ACSR 6/1	0	0	974	179	5	0	0	0.00	4.24	0
10320077	10320086	4.47	89 3-	2 ACSR 6/1	1457	1322	1025	180	349	15	8	0.01	3.35	9
10320137	10320077	4.55	5 1-	2 ACSR 6/1	0	0	1005	180	15	1	1	0.00	2.84	0
10320138	10320137	4.66	3 1-	2 ACSR 6/1	0	0	977	179	9	1	1	0.00	2.84	0
10320139	10320138	4.73	0 1-	2 ACSR 6/1	0	0	960	179	0	0	0	0.00	2.84	0
10320140	10320138	4.73	2 1-	2 ACSR 6/1	0	0	961	179	7	0	1	0.00	2.84	0
10320141	10320140	4.82	1 1-	2 ACSR 6/1	0	0	941	178	3	0	0	0.00	2.84	0
10320065	10320141	5.02	0 1-	2 ACSR 6/1	0	0	896	176	0	0	0	0.00	2.84	0
10320078	10320077	4.55	81 3-	2 ACSR 6/1	1426	1292	1004	180	318	13	8	0.01	3.37	11
D10-32-P141	10320078	4.55	81 3-	REC-50-H	1426	1292	1004	180	318	13	27	0.00	3.37	0
10320066	D10-32-P141	4.57	81 3-	2 ACSR 6/1	1419	1284	999	180	318	13	8	0.00	3.38	3
10320082	10320066	4.68	80 3-	2 ACSR 6/1	1380	1247	972	179	316	13	8	0.01	3.41	14
10320084	10320082	4.75	74 3-	2 ACSR 6/1	1357	1224	955	178	282	12	7	0.01	3.43	6
10320070	10320084	4.79	68 3-	2 ACSR 6/1	1343	1210	946	178	268	11	6	0.01	3.44	4
10320072	10320070	4.83	67 3-	2 ACSR 6/1	1332	1200	938	178	260	11	6	0.00	3.45	3
10320073	10320072	4.87	17 1-	2 ACSR 6/1	0	0	928	177	82	10	6	0.01	4.25	0
10320074	10320073	4.91	1 1-	2 ACSR 6/1	0	0	921	177	2	0	0	0.00	4.25	0
10320075	10320073	4.92	14 1-	2 ACSR 6/1	0	0	918	177	67	8	5	0.01	4.27	0
10320076	10320075	4.97	12 1-	2 ACSR 6/1	0	0	907	177	61	7	4	0.01	4.28	0
10320088	10320076	5.01	7 1-	2 ACSR 6/1	0	0	898	176	34	4	2	0.00	4.28	0
10320089	10320088	5.05	4 1-	2 ACSR 6/1	0	0	889	176	20	2	1	0.00	4.29	0
10320085	10320089	5.13	2 1-	2 ACSR 6/1	0	0	873	176	17	2	1	0.00	4.29	0
10320067	10320085	5.20	1 1-	2 ACSR 6/1	0	0	861	175	7	0	1	0.00	4.29	0
10320087	10320088	5.05	2 1-	2 ACSR 6/1	0	0	891	176	8	1	1	0.00	4.28	0
10320080	10320076	5.00	4 1-	2 ACSR 6/1	0	0	901	177	20	2	1	0.00	4.28	0
10320081	10320080	5.02	1 1-	2 ACSR 6/1	0	0	896	176	3	0	0	0.00	4.28	0
10320071	10320072	4.89	49 3-	2 ACSR 6/1	1312	1180	924	177	177	7	4	-0.01	3.46	4
10320068	10320071	4.93	1 1-	2 ACSR 6/1	0	0	915	177	4	0	0	0.00	3.11	0
10320064	10320071	4.94	44 3-	2 ACSR 6/1	1297	1165	914	177	154	6	4	-0.01	3.47	3
10320069	10320064	4.98	43 3-	2 ACSR 6/1	1282	1151	904	177	151	6	4	-0.01	3.48	3
10320135	10320069	5.04	29 3-	2 ACSR 6/1	1266	1136	893	176	102	4	2	-0.01	3.48	1
10320136	10320135	5.08	26 3-	2 ACSR 6/1	1253	1123	884	176	96	4	2	0.00	3.49	1
10320188	10320136	5.17	6 1-	2 ACSR 6/1	0	0	865	175	35	4	2	0.01	3.21	0
10320189	10320188	5.22	1 1-	2 ACSR 6/1	0	0	857	175	2	0	0	0.00	3.21	0
10320184	10320188	5.22	5 1-	2 ACSR 6/1	0	0	857	175	32	4	2	0.01	3.21	0
10320186	10320184	5.26	2 1-	2 ACSR 6/1	0	0	849	175	12	1	1	0.00	3.21	0
10320187	10320186	5.30	0 1-	2 ACSR 6/1	0	0	841	174	0	0	0	0.00	3.21	0
10320185	10320184	5.27	3 1-	2 ACSR 6/1	0	0	846	175	20	2	1	0.00	3.21	0
10320190	10320185	5.33	2 1-	2 ACSR 6/1	0	0	835	174	13	1	1	0.00	3.22	0
10320142	10320190	5.37	2 1-	2 ACSR 6/1	0	0	828	174	13	1	1	0.00	3.22	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10320143	10320136	5.12	20 3-	2 ACSR 6/1	1240	1111	875	176	62	2	1	0.00	3.49	0
10320144	10320143	5.22	6 1-	2 ACSR 6/1	0	0	857	175	19	2	1	0.00	3.21	0
10320150	10320143	5.21	13 3-	2 ACSR 6/1	1216	1088	858	175	41	1	1	0.00	3.49	0
10420102	10320150	5.47	12 1-	2 ACSR 6/1	0	0	811	173	39	5	3	0.04	3.25	1
10420069	10420102	5.51	9 1-	2 ACSR 6/1	0	0	804	173	34	4	2	0.00	3.26	0
10420105	10420069	5.58	7 1-	2 ACSR 6/1	0	0	793	172	16	2	1	0.00	3.26	0
10420106	10420105	5.65	4 1-	2 ACSR 6/1	0	0	781	172	12	1	1	0.00	3.26	0
10420103	10420106	5.72	2 1-	2 ACSR 6/1	0	0	769	171	7	0	0	0.00	3.27	0
10420095	10420106	5.69	1 1-	2 ACSR 6/1	0	0	774	172	3	0	0	0.00	3.26	0
10420144	10420069	5.54	2 1-	2 ACSR 6/1	0	0	799	173	18	2	1	0.00	3.26	0
10420145	10420144	5.57	1 1-	2 ACSR 6/1	0	0	794	172	9	1	1	0.00	3.26	0
10420093	10420102	5.53	2 1-	2 ACSR 6/1	0	0	800	173	3	0	0	0.00	3.25	0
10420094	10420093	5.58	1 1-	2 ACSR 6/1	0	0	793	172	2	0	0	0.00	3.25	0
10320145	10420094	5.65	0 1-	2 ACSR 6/1	0	0	780	172	0	0	0	0.00	3.25	0
10420092	10420102	5.50	1 1-	2 ACSR 6/1	0	0	806	173	2	0	0	0.00	3.25	0
10320169	10320069	5.06	11 1-	2 ACSR 6/1	0	0	889	176	39	5	3	0.01	3.17	0
10320171	10320169	5.11	7 1-	2 ACSR 6/1	0	0	878	176	25	3	2	0.00	3.17	0
10320172	10320171	5.14	3 1-	2 ACSR 6/1	0	0	873	176	18	2	1	0.00	3.18	0
10320173	10320172	5.24	2 1-	2 ACSR 6/1	0	0	853	175	11	1	1	0.00	3.18	0
10320134	10320173	5.36	1 1-	2 ACSR 6/1	0	0	831	174	1	0	0	0.00	3.18	0
10320174	10320173	5.30	1 1-	2 ACSR 6/1	0	0	840	174	10	1	1	0.00	3.18	0
10320175	10320174	5.40	1 1-	2 ACSR 6/1	0	0	823	174	10	1	1	0.00	3.18	0
10320170	10320169	5.09	2 1-	2 ACSR 6/1	0	0	881	176	7	0	1	0.00	3.17	0
10320168	10320069	5.08	2 1-	2 ACSR 6/1	0	0	884	176	7	0	1	0.00	3.16	0
10320063	10320071	4.97	2 1-	2 ACSR 6/1	0	0	906	177	10	1	1	0.00	3.11	0
10320083	10320082	4.75	3 1-	2 ACSR 6/1	0	0	956	178	16	2	1	0.00	2.99	0
10320079	10320083	4.79	1 1-	2 ACSR 6/1	0	0	947	178	6	0	0	0.00	3.00	0
10320160	10320077	4.51	3 1-	2 ACSR 6/1	0	0	1014	180	16	2	1	0.00	4.20	0
10320161	10320160	4.54	2 1-	2 ACSR 6/1	0	0	1007	180	10	1	1	0.00	4.20	0
10320163	10320161	4.60	1 1-	2 ACSR 6/1	0	0	992	180	3	0	0	0.00	4.20	0
10320162	10320161	4.58	1 1-	2 ACSR 6/1	0	0	998	180	7	0	1	0.00	4.20	0
10320155	10320154	4.37	1 1-	2 ACSR 6/1	0	0	1045	181	3	0	0	0.00	3.00	0
10320151	10320165	4.25	4 1-	2 ACSR 6/1	0	0	1069	181	15	1	1	0.00	4.17	0
10320152	10320151	4.30	2 1-	2 ACSR 6/1	0	0	1057	181	11	1	1	0.00	4.17	0
10320191	10320152	4.33	1 1-	2 ACSR 6/1	0	0	1048	181	6	0	0	0.00	4.17	0
10220054	9290059	3.56	0 1-	2 ACSR 6/1	0	0	1237	184	0	0	0	0.00	3.99	0
9290070	9290072	3.33	16 1-	2 ACSR 6/1	0	0	1298	184	91	11	7	0.03	2.69	2
9290102	9290070	3.41	15 1-	2 ACSR 6/1	0	0	1265	184	85	10	6	0.02	2.72	2
9290103	9290102	3.44	14 1-	2 ACSR 6/1	0	0	1252	183	78	10	6	0.01	2.73	0
9290054	9290103	3.54	13 1-	2 ACSR 6/1	0	0	1213	183	75	9	5	0.03	2.75	1
9290056	9290054	3.77	9 1-	2 ACSR 6/1	0	0	1133	181	49	6	3	0.04	2.79	1
9290057	9290056	3.80	8 1-	2 ACSR 6/1	0	0	1123	181	42	5	3	0.00	2.80	0
9290061	9290057	3.93	8 1-	2 ACSR 6/1	0	0	1083	180	42	5	3	0.02	2.81	0
9290050	9290061	4.04	5 1-	2 ACSR 6/1	0	0	1051	179	28	3	2	0.01	2.82	0
9190153	9290050	4.11	4 1-	2 ACSR 6/1	0	0	1029	178	23	2	2	0.01	2.83	0
9190165	9190153	4.28	2 1-	2 ACSR 6/1	0	0	984	177	15	1	1	0.01	2.84	0
9190166	9190165	4.43	1 1-	2 ACSR 6/1	0	0	948	176	5	0	0	0.00	2.84	0
9190164	9190153	4.20	2 1-	2 ACSR 6/1	0	0	1006	178	8	1	1	0.00	2.83	0
9190176	9190164	4.25	1 1-	2 ACSR 6/1	0	0	992	177	6	0	0	0.00	2.83	0
9290049	9290061	4.03	1 1-	2 ACSR 6/1	0	0	1054	179	3	0	0	0.00	2.81	0
9290051	9290057	3.91	0 1-	2 ACSR 6/1	0	0	1090	180	0	0	0	0.00	2.80	0
9290055	9290054	3.64	2 1-	2 ACSR 6/1	0	0	1178	182	16	2	1	0.00	2.76	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9290105	9290055	3.71	1 1-	2 ACSR 6/1	0	0	1154	181	8	1	1	0.00	2.76	0
9290065	9290064	2.85	1 1-	2 ACSR 6/1	0	0	1469	186	8	1	1	0.00	3.73	0
9290084	9290083	2.71	6 1-	2 ACSR 6/1	0	0	1521	186	26	3	2	0.00	3.66	0
9290104	9290084	2.77	1 1-	2 ACSR 6/1	0	0	1489	186	7	0	1	0.00	3.66	0
9290045	9280103	2.47	105 3-	2 ACSR 6/1	2196	2027	1633	187	516	22	12	0.02	2.70	8
D09-29-P081	9290045	2.47	105 3-	REC-70-4H	2196	2027	1633	187	516	22	32	0.00	2.70	0
9290046	D09-29-P081	2.71	105 3-	2 ACSR 6/1	2013	1842	1488	186	516	22	12	0.19	2.82	65
9290063	9290046	2.91	104 3-	2 ACSR 6/1	1877	1706	1383	184	514	22	12	0.16	2.93	54
9290077	9290063	2.97	103 3-	2 ACSR 6/1	1843	1672	1357	184	508	21	12	0.04	2.96	15
9290079	9290077	3.04	2 1-	2 ACSR 6/1	0	0	1325	183	8	1	1	0.00	3.97	0
9290078	9290077	3.06	98 3-	2 ACSR 6/1	1785	1615	1313	183	480	20	11	0.07	3.00	24
9390095	9290078	3.10	2 1-	2 ACSR 6/1	0	0	1298	183	12	1	1	0.00	2.91	0
9390096	9290078	3.14	96 3-	2 ACSR 6/1	1743	1574	1282	182	467	20	11	0.06	3.04	18
9390097	9390096	3.21	94 3-	2 ACSR 6/1	1702	1534	1251	182	461	19	11	0.06	3.07	18
9390098	9390097	3.26	91 3-	2 ACSR 6/1	1673	1506	1229	181	444	19	11	0.04	3.10	13
9390104	9390098	3.32	84 3-	2 ACSR 6/1	1645	1480	1209	181	409	17	10	0.04	3.12	11
9390107	9390104	3.41	82 3-	2 ACSR 6/1	1599	1436	1175	180	398	17	10	0.07	3.15	20
9390106	9390107	3.44	60 3-	2 ACSR 6/1	1585	1422	1164	180	256	11	6	0.01	3.16	2
9390075	9390106	3.53	59 3-	2 ACSR 6/1	1544	1382	1134	179	246	10	6	0.02	3.18	6
9390054	9390075	3.65	57 3-	2 ACSR 6/1	1486	1328	1092	178	236	10	6	0.03	3.21	9
9390055	9390054	3.71	56 3-	2 ACSR 6/1	1463	1305	1074	178	234	10	6	0.01	3.23	4
9390058	9390055	3.77	2 1-	2 ACSR 6/1	0	0	1055	178	8	1	1	0.00	4.39	0
9390056	9390055	3.83	54 3-	2 ACSR 6/1	1412	1257	1037	177	226	9	5	0.03	3.26	8
9390108	9390056	4.06	53 3-	2 ACSR 6/1	1327	1178	975	175	223	9	5	0.05	3.31	14
D09-49-P001	9390108	4.06	14 1-	FUS-15	0	0	975	175	81	10	80	0.00	4.46	0
9490047	D09-49-P001	4.12	14 1-	2 ACSR 6/1	0	0	960	175	81	10	6	0.02	4.48	1
9390068	9490047	4.19	10 1-	2 ACSR 6/1	0	0	944	175	67	8	5	0.02	4.50	0
9390069	9390068	4.23	9 1-	2 ACSR 6/1	0	0	935	174	60	7	4	0.01	4.50	0
9390084	9390069	4.30	6 1-	2 ACSR 6/1	0	0	918	174	28	3	2	0.01	4.51	0
9390085	9390084	4.35	5 1-	2 ACSR 6/1	0	0	907	173	24	3	2	0.00	4.51	0
9390087	9390085	4.45	1 1-	2 ACSR 6/1	0	0	885	173	6	0	0	0.00	4.52	0
9390086	9390085	4.39	4 1-	2 ACSR 6/1	0	0	897	173	17	2	1	0.00	4.52	0
9390089	9390086	4.43	2 1-	2 ACSR 6/1	0	0	888	173	11	1	1	0.00	4.52	0
9390090	9390089	4.49	1 1-	2 ACSR 6/1	0	0	877	172	7	0	0	0.00	4.52	0
9390092	9390090	4.60	0 1-	2 ACSR 6/1	0	0	854	172	0	0	0	0.00	4.52	0
9390091	9390090	4.54	1 1-	2 ACSR 6/1	0	0	867	172	7	0	0	0.00	4.52	0
9390083	9390069	4.27	1 1-	2 ACSR 6/1	0	0	926	174	10	1	1	0.00	4.50	0
9390066	9490047	4.16	2 1-	2 ACSR 6/1	0	0	951	175	4	0	0	0.00	4.48	0
9390067	9390066	4.18	0 1-	2 ACSR 6/1	0	0	946	175	0	0	0	0.00	4.48	0
9490043	9390108	4.13	1 1-	2 ACSR 6/1	0	0	958	175	3	0	0	0.00	3.43	0
9490044	9490043	4.45	1 1-	2 ACSR 6/1	0	0	884	173	3	0	0	0.00	3.43	0
9490042	9390108	4.14	35 3-	2 ACSR 6/1	1301	1153	956	175	132	5	3	-0.01	3.32	3
9490019	9490042	4.17	4 1-	2 ACSR 6/1	0	0	948	175	13	1	1	0.00	4.46	0
9490020	9490019	4.21	2 1-	2 ACSR 6/1	0	0	939	174	11	1	1	0.00	4.46	0
9490018	9490020	4.26	1 1-	2 ACSR 6/1	0	0	926	174	9	1	1	0.00	4.46	0
9490030	9490042	4.15	31 3-	2 ACSR 6/1	1295	1148	953	175	119	-5	3	0.00	3.32	0
9490017	9490030	4.23	30 3-	2 ACSR 6/1	1269	1123	933	174	115	-4	3	-0.01	3.33	3
9490021	9490017	4.31	2 1-	2 ACSR 6/1	0	0	915	174	7	0	1	0.00	3.50	0
9490022	9490017	4.28	27 3-	2 ACSR 6/1	1254	1109	922	174	105	-4	3	0.00	3.33	1
9490023	9490022	4.33	25 3-	2 ACSR 6/1	1238	1094	911	174	98	-4	2	-0.01	3.34	1
9490029	9490023	4.41	2 1-	2 ACSR 6/1	0	0	894	173	7	0	1	0.00	3.53	0
9490028	9490023	4.37	6 3-	2 ACSR 6/1	1227	1084	903	173	24	-1	1	0.00	3.34	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9490036	9490028	4.43	4 3-	2 ACSR 6/1	1209	1067	890	173	19	0	0	0.00	3.34	0
9490045	9490036	4.47	2 3-	2 ACSR 6/1	1196	1056	880	173	9	0	0	0.00	3.34	0
9490040	9490045	4.58	1 3-	2 ACSR 6/1	1165	1027	858	172	7	0	0	0.00	3.34	0
9490037	9490040	4.66	1 3- 15 KV 2 URD XLP		1147	1012	847	364	7	0	0	0.00	3.34	0
9490046	9490036	4.49	1 1-	2 ACSR 6/1	0	0	877	172	7	0	0	0.00	3.53	0
9490026	9490023	4.39	15 1-	2 ACSR 6/1	0	0	899	173	59	7	4	0.01	3.54	0
9490027	9490026	4.48	14 1-	2 ACSR 6/1	0	0	878	172	54	7	4	0.02	3.56	0
9490025	9490027	4.52	11 1-	2 ACSR 6/1	0	0	870	172	42	5	3	0.01	3.56	0
9490035	9490025	4.60	8 1-	2 ACSR 6/1	0	0	854	172	34	4	2	0.01	3.57	0
9490033	9490035	4.65	2 1-	2 ACSR 6/1	0	0	845	171	13	1	1	0.00	3.57	0
9490031	9490035	4.68	6 1-	2 ACSR 6/1	0	0	839	171	21	2	2	0.01	3.58	0
9490034	9490031	4.72	1 1-	2 ACSR 6/1	0	0	830	171	4	0	0	0.00	3.58	0
9490032	9490031	4.74	4 1-	2 ACSR 6/1	0	0	828	171	10	1	1	0.00	3.58	0
9490024	9490023	4.43	1 1-	2 ACSR 6/1	0	0	889	173	3	0	0	0.00	3.53	0
9490038	9490030	4.20	1 1-	2 ACSR 6/1	0	0	940	174	4	0	0	0.00	3.46	0
9390065	9390056	3.94	1 1-	2 ACSR 6/1	0	0	1008	176	2	0	0	0.00	4.41	0
9390057	9390054	3.74	1 1-	2 ACSR 6/1	0	0	1063	178	2	0	0	0.00	4.37	0
9390076	9390075	3.55	2 1-	2 ACSR 6/1	0	0	1125	179	9	1	1	0.00	3.18	0
9390105	9390107	3.44	22 1-	2 ACSR 6/1	0	0	1162	180	142	18	10	0.02	4.32	2
9390070	9390105	3.48	19 1-	2 ACSR 6/1	0	0	1151	180	123	16	9	0.01	4.34	1
D09-39-P029	9390070	3.48	5 1-	FUS-15	0	0	1151	180	33	4	32	0.00	4.34	0
9390111	D09-39-P029	3.55	5 1-	2 ACSR 6/1	0	0	1125	179	33	4	2	0.01	4.34	0
9390072	9390111	3.62	2 1-	2 ACSR 6/1	0	0	1101	179	14	1	1	0.00	4.35	0
9390073	9390070	3.55	11 1-	2 ACSR 6/1	0	0	1127	179	67	8	5	0.02	4.35	0
9390060	9390073	3.61	10 1-	2 ACSR 6/1	0	0	1104	179	60	7	4	0.02	4.37	0
9390062	9390060	3.69	8 1-	2 ACSR 6/1	0	0	1081	178	50	6	4	0.01	4.38	0
9390113	9390062	3.74	4 1-	2 ACSR 6/1	0	0	1065	178	25	3	2	0.00	4.38	0
9390114	9390113	3.81	3 1-	2 ACSR 6/1	0	0	1044	177	18	2	1	0.00	4.39	0
9390059	9390114	3.87	2 1-	2 ACSR 6/1	0	0	1027	177	13	1	1	0.00	4.39	0
9390074	9390059	4.02	1 1-	2 ACSR 6/1	0	0	987	176	6	0	0	0.00	4.39	0
9390063	9390062	3.74	2 1-	2 ACSR 6/1	0	0	1064	178	14	1	1	0.00	4.38	0
9390064	9390063	3.79	1 1-	2 ACSR 6/1	0	0	1052	177	8	1	1	0.00	4.38	0
9390061	9390060	3.66	1 1-	2 ACSR 6/1	0	0	1091	178	8	1	1	0.00	4.37	0
9390071	9390070	3.51	1 1-	2 ACSR 6/1	0	0	1138	179	6	0	0	0.00	4.34	0
9390099	9390098	3.34	7 1-	2 ACSR 6/1	0	0	1200	181	35	4	3	0.01	3.05	0
9390101	9390099	3.37	4 1-	2 ACSR 6/1	0	0	1189	181	11	1	1	0.00	3.05	0
9390102	9390101	3.42	3 1-	2 ACSR 6/1	0	0	1170	180	9	1	1	0.00	3.05	0
9390103	9390102	3.49	1 1-	2 ACSR 6/1	0	0	1146	180	4	0	0	0.00	3.05	0
9390100	9390099	3.38	1 1-	2 ACSR 6/1	0	0	1187	181	6	0	0	0.00	3.05	0
9290062	9290046	2.79	1 1-	2 ACSR 6/1	0	0	1447	185	1	0	0	0.00	2.04	0
9280161	9280170	2.16	250 3-	1/0 ACSR 6/1	2387	2215	1802	189	1213	52	23	0.02	2.50	17
9280238	9280161	2.26	2 1-	2 ACSR 6/1	0	0	1728	188	11	1	1	0.00	3.33	0
9290107	9280238	2.32	1 1- 15 KV 2 URD XLP		0	0	1691	456	9	1	1	0.00	3.33	0
9280162	9280161	2.18	248 3-	1/0 ACSR 6/1	2371	2198	1788	189	1202	51	22	0.02	2.51	17
D09-28-P206	9280162	2.18	248 3-	REC-70-L	2371	2198	1788	189	1202	51	74	0.00	2.51	0
9280163	D09-28-P206	2.24	248 3-	1/0 ACSR 6/1	2327	2154	1752	188	1202	51	22	0.05	2.55	46
9280211	9280163	2.37	247 3-	1/0 ACSR 6/1	2232	2059	1673	188	1181	50	22	0.12	2.63	103
9290076	9280211	2.40	247 3-	1/0 ACSR 6/1	2209	2037	1655	187	1178	50	22	0.03	2.65	26
9190124	9290076	2.47	243 3-	1/0 ACSR 6/1	2162	1990	1617	187	1168	50	22	0.06	2.69	54
9190125	9190124	2.52	237 3-	1/0 ACSR 6/1	2122	1952	1585	187	1152	49	22	0.05	2.72	46
9190131	9190125	2.56	235 3-	1/0 ACSR 6/1	2098	1927	1565	186	1143	49	21	0.03	2.74	29
9190135	9190131	2.60	230 3-	1/0 ACSR 6/1	2071	1901	1543	186	1103	47	21	0.04	2.77	30

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9190137	9190135	2.64	2 1-	2 ACSR 6/1	0	0	1520	186	9	1	0.00	3.72	0	
9190136	9190135	2.64	226 3-	1/0 ACSR 6/1	2051	1882	1528	186	1090	47	21	0.03	2.79	22
9190140	9190136	2.69	0 1-	2 ACSR 6/1	0	0	1497	186	0	0	0.00	3.75	0	
9190138	9190136	2.66	2 1-	2 ACSR 6/1	0	0	1515	186	12	1	1	0.00	2.80	0
9190139	9190138	2.69	1 1-	2 ACSR 6/1	0	0	1496	186	5	0	0	0.00	2.80	0
9190070	9190136	2.68	224 3-	1/0 ACSR 6/1	2024	1855	1506	186	1078	46	20	0.04	2.81	31
C09-19-P59	9190070	2.68	0 3-	Capacitor	2024	1855	1506	186	0	-13	0	0.00	2.81	0
9190141	9190070	2.72	224 3-	1/0 ACSR 6/1	1999	1830	1486	186	1077	46	20	0.04	2.84	28
9190115	9190141	2.76	222 3-	1/0 ACSR 6/1	1974	1807	1466	185	1066	45	20	0.04	2.87	29
9190142	9190115	2.80	220 3-	1/0 ACSR 6/1	1956	1789	1452	185	1053	45	20	0.03	2.89	21
D09-19-P007	9190142	2.80	6 1-	FUS-30	0	0	1452	185	15	1	7	0.00	2.93	0
9190144	D09-19-P007	2.85	6 1-	2 ACSR 6/1	0	0	1421	185	15	1	1	0.00	2.94	0
9190145	9190144	2.92	5 1-	2 ACSR 6/1	0	0	1390	184	11	1	1	0.00	2.94	0
9190146	9190145	3.02	3 1-	2 ACSR 6/1	0	0	1343	184	7	0	1	0.00	2.94	0
9190147	9190146	3.10	0 1-	2 ACSR 6/1	0	0	1306	183	0	0	0	0.00	2.94	0
9190143	9190142	3.19	213 3-	1/0 ACSR 6/1	1753	1592	1293	183	1034	44	19	0.40	3.17	260
9190069	9190143	3.33	209 3-	1/0 ACSR 6/1	1692	1534	1246	182	1010	43	19	0.14	3.26	86
9190150	9190069	3.36	1 1-	2 ACSR 6/1	0	0	1232	182	2	0	0	0.00	4.45	0
9190154	9190069	3.38	2 1-	2 ACSR 6/1	0	0	1223	182	6	0	0	0.00	3.40	0
9190155	9190069	3.40	206 3-	1/0 ACSR 6/1	1660	1504	1221	182	1000	43	19	0.08	3.31	47
9190156	9190155	3.54	205 3-	1/0 ACSR 6/1	1603	1450	1178	181	994	43	19	0.14	3.40	87
9190177	9190156	3.62	2 1-	2 ACSR 6/1	0	0	1149	181	14	1	1	0.00	4.67	0
9090050	9190177	3.68	1 1-	2 ACSR 6/1	0	0	1130	180	9	1	1	0.00	4.67	0
9090049	9190177	3.75	1 1-	2 ACSR 6/1	0	0	1106	180	6	0	0	0.00	4.67	0
9190157	9190156	3.62	202 3-	1/0 ACSR 6/1	1574	1422	1156	181	979	42	18	0.08	3.45	45
9190169	9190157	3.66	1 1-	2 ACSR 6/1	0	0	1141	181	8	1	1	0.00	4.75	0
9190071	9190157	3.73	94 3-	2 ACSR 6/1	1522	1371	1116	180	478	20	12	0.15	3.51	44
D09-09-P005	9190071	3.73	93 3-	REC-35-L	1522	1371	1116	180	473	20	59	0.00	3.51	0
9090024	D09-09-P005	3.86	93 3-	2 ACSR 6/1	1469	1320	1077	179	473	20	11	0.16	3.57	45
9090046	9090024	3.89	3 1-	2 ACSR 6/1	0	0	1066	179	4	0	0	0.00	1.99	0
9090048	9090046	3.96	2 1-	2 ACSR 6/1	0	0	1046	178	2	0	0	0.00	1.99	0
9090047	9090046	4.00	1 1-	2 ACSR 6/1	0	0	1036	178	3	0	0	0.00	1.99	0
9090026	9090024	3.91	85 3-	2 ACSR 6/1	1447	1299	1061	179	439	19	11	0.07	3.59	19
9090027	9090026	3.98	83 3-	2 ACSR 6/1	1419	1272	1041	178	435	18	11	0.09	3.63	25
9090030	9090027	4.05	75 3-	2 ACSR 6/1	1393	1247	1021	178	397	17	10	0.08	3.65	19
9090031	9090030	4.11	74 3-	2 ACSR 6/1	1370	1226	1005	177	388	16	9	0.07	3.68	17
9090038	9090031	4.18	73 3-	2 ACSR 6/1	1346	1203	987	177	384	16	9	0.08	3.70	18
9090039	9090038	4.21	2 1-	2 ACSR 6/1	0	0	980	177	2	0	0	0.00	1.97	0
9090018	9090038	4.24	71 3-	2 ACSR 6/1	1325	1183	972	176	381	16	9	0.07	3.73	16
3990017	9090018	4.26	1 1-	1/0 ACSR 6/1	0	0	967	176	0	0	0	0.00	3.70	0
3990033	3990017	4.33	1 1-	1/0 ACSR 6/1	0	0	954	176	0	0	0	0.00	3.70	0
3990015	9090018	4.30	70 3-	2 ACSR 6/1	1306	1164	957	176	381	16	9	0.07	3.75	16
3990016	3990015	4.36	67 3-	2 ACSR 6/1	1285	1145	942	175	370	16	9	0.07	3.77	17
3990018	3990016	4.39	66 3-	2 ACSR 6/1	1275	1135	935	175	365	15	9	0.04	3.79	9
3990024	3990018	4.42	48 3-	2 ACSR 6/1	1265	1126	928	175	250	10	6	0.02	3.79	4
3990025	3990024	4.44	48 3-	2 ACSR 6/1	1260	1122	924	175	250	10	6	0.01	3.80	2
3990026	3990025	4.71	46 3-	2 ACSR 6/1	1178	1045	865	173	240	10	6	0.21	3.87	32
3990029	3990026	4.95	33 1-	2 ACSR 6/1	0	0	819	171	193	25	14	0.17	6.10	27
3990030	3990029	5.03	32 1-	2 ACSR 6/1	0	0	806	171	190	25	14	0.05	6.16	8
3890011	3990030	5.08	1 1-	2 ACSR 6/1	0	0	797	170	4	0	0	0.00	6.16	0
3890009	3990030	5.35	31 1-	2 ACSR 6/1	0	0	753	168	187	24	14	0.23	6.39	35
3890007	3890009	5.46	30 1-	2 ACSR 6/1	0	0	737	168	185	24	14	0.07	6.46	11

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
3890006	3890007	5.66	29 1-	2 ACSR 6/1	0	0	708	166	179	23	13	0.14	6.59	20
4920033	3890006	5.70	21 1-	2 ACSR 6/1	0	0	702	166	119	15	9	0.02	6.61	2
4920044	4920033	5.82	17 1-	2 ACSR 6/1	0	0	686	165	116	15	9	0.05	6.67	5
4920023	4920044	5.92	1 1-	2 ACSR 6/1	0	0	674	165	10	1	1	0.00	6.67	0
4920036	4920044	5.87	16 1-	2 ACSR 6/1	0	0	680	165	106	14	8	0.02	6.69	2
4920045	4920036	5.91	15 1-	2 ACSR 6/1	0	0	675	165	99	13	7	0.01	6.70	0
4920050	4920045	6.02	1 1-	2 ACSR 6/1	0	0	661	164	15	1	1	0.00	6.70	0
4920046	4920045	6.15	12 1-	2 ACSR 6/1	0	0	647	163	69	9	5	0.06	6.76	3
4920051	4920046	6.20	2 1-	2 ACSR 6/1	0	0	641	163	20	2	1	0.00	6.76	0
4920040	4920046	6.29	9 1-	2 ACSR 6/1	0	0	631	162	48	6	4	0.02	6.79	0
4920047	4920040	6.39	3 1-	2 ACSR 6/1	0	0	620	162	17	2	1	0.00	6.79	0
4920034	4920047	6.51	1 1-	2 ACSR 6/1	0	0	608	161	6	0	0	0.00	6.79	0
4820009	4920034	6.55	1 1-	2 ACSR 6/1	0	0	603	161	6	0	0	0.00	6.79	0
4920042	4920040	6.32	1 1-	2 ACSR 6/1	0	0	627	162	8	1	1	0.00	6.79	0
4920041	4920040	6.33	4 1-	2 ACSR 6/1	0	0	626	162	18	2	1	0.00	6.79	0
4920043	4920041	6.52	1 1-	2 ACSR 6/1	0	0	606	161	0	0	0	0.00	6.79	0
4920037	4920041	6.47	3 1-	2 ACSR 6/1	0	0	611	161	18	2	1	0.01	6.80	0
4920035	4920037	6.54	2 1- 15 KV	2 URD XLP	0	0	604	315	12	1	1	0.00	6.80	0
4920038	4920037	6.52	1 1-	2 ACSR 6/1	0	0	607	161	6	0	0	0.00	6.80	0
4920025	4920038	6.57	1 1-	2 ACSR 6/1	0	0	601	161	6	0	0	0.00	6.80	0
4920039	4920046	6.18	0 1-	2 ACSR 6/1	0	0	643	163	0	0	0	0.00	6.76	0
4920024	4920036	6.05	1 1-	2 ACSR 6/1	0	0	658	164	8	1	1	0.00	6.69	0
4920032	3890006	5.71	7 1-	2 ACSR 6/1	0	0	700	166	59	7	4	0.01	6.61	0
4920027	4920032	5.74	4 1-	2 ACSR 6/1	0	0	697	166	37	4	3	0.00	6.61	0
4920029	4920027	5.78	2 1-	2 ACSR 6/1	0	0	692	166	16	2	1	0.00	6.61	0
4920030	4920029	5.82	1 1-	2 ACSR 6/1	0	0	686	165	8	1	1	0.00	6.61	0
4920028	4920027	5.78	1 1-	2 ACSR 6/1	0	0	692	166	7	0	1	0.00	6.61	0
4920026	4920032	5.78	2 1-	2 ACSR 6/1	0	0	692	166	14	1	1	0.00	6.61	0
4920031	3890006	5.75	1 1-	2 ACSR 6/1	0	0	696	166	0	0	0	0.00	6.59	0
4820007	4920031	5.79	0 1-	2 ACSR 6/1	0	0	690	166	0	0	0	0.00	6.59	0
3890008	3890007	5.51	1 1-	2 ACSR 6/1	0	0	729	167	6	0	0	0.00	6.46	0
4820006	3890008	5.70	1 1-	2 ACSR 6/1	0	0	702	166	6	0	0	0.00	6.46	0
4820005	3890008	5.53	0 1-	2 ACSR 6/1	0	0	726	167	0	0	0	0.00	6.46	0
3890010	3890009	5.50	1 1-	2 ACSR 6/1	0	0	730	167	2	0	0	0.00	6.39	0
3990019	3990026	4.84	12 1-	2 ACSR 6/1	0	0	840	172	45	5	3	0.02	1.95	0
3990031	3990019	4.87	11 1-	2 ACSR 6/1	0	0	834	172	43	5	3	0.00	1.95	0
3990032	3990031	4.90	10 1-	2 ACSR 6/1	0	0	830	172	35	4	2	0.00	1.96	0
3990028	3990032	5.28	9 1-	2 ACSR 6/1	0	0	764	169	34	4	2	0.05	2.00	1
9090032	3990028	5.42	8 1-	2 ACSR 6/1	0	0	742	168	32	4	2	0.01	2.02	0
9090036	9090032	5.49	3 1-	2 ACSR 6/1	0	0	732	168	13	1	1	0.00	2.02	0
9090037	9090036	5.55	1 1-	2 ACSR 6/1	0	0	723	167	7	0	0	0.00	2.02	0
9090033	9090032	5.57	4 1-	2 ACSR 6/1	0	0	720	167	11	1	1	0.01	2.02	0
9090034	9090033	5.64	2 1-	2 ACSR 6/1	0	0	710	167	8	1	1	0.00	2.02	0
9090035	9090034	5.83	1 1-	2 ACSR 6/1	0	0	685	165	6	0	0	0.00	2.02	0
3990021	3990018	4.44	17 1-	2 ACSR 6/1	0	0	922	175	103	13	8	0.02	5.71	2
3990023	3990021	4.59	14 1-	2 ACSR 6/1	0	0	890	174	72	9	5	0.04	5.75	2
3990027	3990023	4.92	13 1-	2 ACSR 6/1	0	0	824	171	67	8	5	0.08	5.83	5
3980002	3990027	5.13	12 1-	2 ACSR 6/1	0	0	788	170	59	7	4	0.04	5.87	2
9080019	3980002	5.19	11 1-	2 ACSR 6/1	0	0	779	170	53	6	4	0.01	5.88	0
9080020	9080019	5.23	10 1-	2 ACSR 6/1	0	0	772	169	44	5	3	0.01	5.89	0
9080021	9080020	5.47	9 1-	2 ACSR 6/1	0	0	735	168	39	5	3	0.03	5.92	0
9080022	9080021	5.50	8 1-	2 ACSR 6/1	0	0	730	167	30	3	2	0.00	5.92	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9080029	9080022	5.55	1 1-	2 ACSR 6/1	0	0	722	167	4	0	0	0.00	5.92	0
9080023	9080022	5.54	4 1-	2 ACSR 6/1	0	0	725	167	17	2	1	0.00	5.93	0
9080025	9080023	5.64	3 1-	2 ACSR 6/1	0	0	711	167	11	1	1	0.00	5.93	0
9080027	9080025	5.74	1 1-	2 ACSR 6/1	0	0	697	166	3	0	0	0.00	5.93	0
9080026	9080025	5.72	1 1-	2 ACSR 6/1	0	0	700	166	6	0	0	0.00	5.93	0
9080028	9080026	5.81	1 1- 15 KV	2 URD XLP	0	0	688	336	6	0	0	0.00	5.93	0
9080024	9080023	5.60	1 1-	2 ACSR 6/1	0	0	717	167	6	0	0	0.00	5.93	0
3980004	3990027	4.97	1 1-	2 ACSR 6/1	0	0	816	171	8	1	1	0.00	5.83	0
3980003	3980004	5.06	1 1- 15 KV	2 URD XLP	0	0	800	359	8	1	1	0.00	5.83	0
3990022	3990021	4.55	2 1-	2 ACSR 6/1	0	0	900	174	25	3	2	0.01	5.72	0
3990020	3990022	4.65	1 1- 15 KV	2 URD XLP	0	0	878	373	14	1	1	0.00	5.72	0
9090028	9090027	4.04	8 1-	2 ACSR 6/1	0	0	1023	178	37	4	3	0.01	5.23	0
9090029	9090028	4.07	4 1-	2 ACSR 6/1	0	0	1016	177	18	2	1	0.00	5.23	0
9090025	9090024	3.92	4 1-	2 ACSR 6/1	0	0	1057	179	23	2	2	0.00	2.00	0
9090051	9190071	3.75	1 1-	2 ACSR 6/1	0	0	1110	180	4	0	0	0.00	4.90	0
9190066	9190157	3.66	107 3-	1/0 ACSR 6/1	1557	1405	1142	181	493	21	9	0.00	3.47	9
9190158	9190066	3.73	1 1-	2 ACSR 6/1	0	0	1118	180	6	0	0	0.00	4.75	0
9190067	9190066	3.71	106 3-	1/0 ACSR 6/1	1538	1387	1128	180	487	21	9	0.00	3.49	10
9190160	9190067	3.75	105 3-	1/0 ACSR 6/1	1524	1375	1118	180	483	20	9	0.00	3.50	7
9190161	9190160	3.82	104 3-	1/0 ACSR 6/1	1500	1352	1099	180	478	20	9	0.00	3.52	13
9190163	9190161	3.99	1 1-	2 ACSR 6/1	0	0	1048	179	7	0	1	0.00	4.76	0
9190162	9190161	3.86	1 1-	2 ACSR 6/1	0	0	1088	180	4	0	0	0.00	4.75	0
9190152	9190161	3.95	102 3-	1/0 ACSR 6/1	1456	1310	1066	179	467	20	9	0.00	3.56	24
9190117	9190152	4.01	7 1-	2 ACSR 6/1	0	0	1047	179	33	4	2	0.01	3.90	0
9190118	9190117	4.08	6 1-	2 ACSR 6/1	0	0	1030	178	32	4	2	0.01	3.90	0
9190119	9190118	4.14	1 1-	2 ACSR 6/1	0	0	1014	178	1	0	0	0.00	3.90	0
9190120	9190119	4.19	1 1-	2 ACSR 6/1	0	0	1000	177	1	0	0	0.00	3.90	0
9190121	9190118	4.30	4 1-	2 ACSR 6/1	0	0	972	177	29	3	2	0.02	3.92	0
9190122	9190121	4.35	2 1-	2 ACSR 6/1	0	0	958	176	9	1	1	0.00	3.92	0
9190123	9190122	4.41	1 1-	2 ACSR 6/1	0	0	944	176	3	0	0	0.00	3.92	0
9190116	9190152	4.03	92 3-	1/0 ACSR 6/1	1430	1286	1046	179	427	18	8	0.00	3.58	12
9190168	9190116	4.49	90 3-	1/0 ACSR 6/1	1297	1162	946	176	416	18	8	0.01	3.71	67
10120066	9190168	4.57	89 3-	1/0 ACSR 6/1	1278	1144	932	176	410	17	8	0.00	3.73	11
10120065	10120066	4.74	1 1-	2 ACSR 6/1	0	0	895	175	4	0	0	0.00	4.30	0
10120076	10120065	4.78	1 1-	2 ACSR 6/1	0	0	885	174	4	0	0	0.00	4.30	0
10120033	10120076	4.80	0 1-	2 ACSR 6/1	0	0	882	174	0	0	0	0.00	4.30	0
10-12-P036-B	10120033	4.80	0 1-	Open	0	0	882	174	0	0	0	0.00	4.30	0
10120077	10120076	4.92	1 1-	2 ACSR 6/1	0	0	858	173	4	0	0	0.00	4.31	0
10120061	10120066	4.68	2 1-	2 ACSR 6/1	0	0	907	175	25	3	2	0.01	4.77	0
10120064	10120061	4.82	1 1-	2 ACSR 6/1	0	0	877	174	6	0	0	0.00	4.77	0
10120062	10120061	4.75	1 1-	2 ACSR 6/1	0	0	893	175	19	2	1	0.00	4.78	0
10120063	10120062	4.89	1 1-	2 ACSR 6/1	0	0	863	174	19	2	1	0.01	4.78	0
10120078	10120066	4.64	86 3-	1/0 ACSR 6/1	1261	1128	919	176	381	16	7	0.00	3.75	9
10120079	10120078	4.77	85 3-	1/0 ACSR 6/1	1228	1097	895	175	373	16	7	-0.01	3.79	18
10120067	10120079	4.88	84 3-	1/0 ACSR 6/1	1203	1074	876	174	365	15	7	-0.01	3.81	15
10120068	10120067	4.96	82 3-	1/0 ACSR 6/1	1186	1058	864	174	356	15	7	0.00	3.83	10
10120070	10120068	5.01	80 3-	1/0 ACSR 6/1	1173	1047	854	174	348	15	7	0.00	3.84	7
10120080	10120070	5.06	2 1-	2 ACSR 6/1	0	0	844	173	10	1	1	0.00	4.74	0
10120081	10120080	5.11	1 1-	2 ACSR 6/1	0	0	837	173	7	0	0	0.00	4.74	0
10120071	10120070	5.06	78 3-	1/0 ACSR 6/1	1164	1038	847	174	338	14	6	0.00	3.85	6
10120072	10120071	5.09	77 3-	1/0 ACSR 6/1	1157	1031	842	173	329	14	6	0.00	3.86	4
10120073	10120072	5.12	76 3-	1/0 ACSR 6/1	1150	1025	837	173	325	14	6	0.00	3.87	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10120054	10120073	5.16	72 3-	1/0 ACSR 6/1	1142	1018	831	173	306	13	6	0.00	3.88	4
D10-12-P015	10120054	5.16	0 1-	REC-35-H	0	0	831	173	0	0	0	0.00	4.69	0
10120034	D10-12-P015	5.51	0 1-	2 ACSR 6/1	0	0	772	171	0	0	0	0.00	4.69	0
10120055	10120054	5.23	71 3-	1/0 ACSR 6/1	1129	1006	821	173	295	12	6	0.00	3.89	7
10120056	10120055	5.28	69 3-	1/0 ACSR 6/1	1118	995	813	172	283	12	5	0.00	3.90	5
10120057	10120056	5.34	68 3-	1/0 ACSR 6/1	1106	985	805	172	273	11	5	0.00	3.91	5
10120058	10120057	5.39	68 3-	1/0 ACSR 6/1	1098	977	798	172	273	11	5	0.00	3.92	4
10120060	10120058	5.51	54 1-	2 ACSR 6/1	0	0	778	171	209	27	15	0.09	4.92	16
10120082	10120060	5.79	53 1-	2 ACSR 6/1	0	0	736	169	208	27	15	0.21	5.13	36
10130013	10120082	6.04	51 1-	2 ACSR 6/1	0	0	701	167	197	25	14	0.18	5.31	29
10130020	10130013	6.10	0 1-	2 ACSR 6/1	0	0	693	167	0	0	0	0.00	5.31	0
10130014	10130013	6.16	50 1-	2 ACSR 6/1	0	0	685	167	193	25	14	0.09	5.40	14
10030033	10130014	6.24	49 1-	2 ACSR 6/1	0	0	675	166	189	24	14	0.06	5.46	9
10030034	10030033	6.51	48 1-	2 ACSR 6/1	0	0	643	164	183	24	13	0.19	5.64	27
10030035	10030034	6.64	47 1-	2 ACSR 6/1	0	0	629	164	176	23	13	0.08	5.73	12
10030036	10030035	6.66	2 1-	2 ACSR 6/1	0	0	627	163	17	2	1	0.00	5.73	0
10030044	10030036	6.71	1 1-	2 ACSR 6/1	0	0	622	163	7	0	1	0.00	5.73	0
10030038	10030035	6.82	45 1-	2 ACSR 6/1	0	0	610	162	159	20	12	0.10	5.83	13
10030039	10030038	6.87	6 1-	2 ACSR 6/1	0	0	605	162	23	2	2	0.00	5.84	0
10030042	10030039	6.93	4 1-	2 ACSR 6/1	0	0	599	162	16	2	1	0.00	5.84	0
10030037	10030038	6.86	38 1-	2 ACSR 6/1	0	0	606	162	129	17	9	0.02	5.85	2
10030016	10030037	6.95	34 1-	2 ACSR 6/1	0	0	597	162	112	14	8	0.04	5.89	4
10040032	10030016	7.03	32 1-	2 ACSR 6/1	0	0	589	161	101	13	7	0.03	5.92	2
10040030	10040032	7.10	29 1-	2 ACSR 6/1	0	0	583	161	87	11	6	0.02	5.94	2
10040029	10040030	7.20	28 1-	2 ACSR 6/1	0	0	574	160	86	11	6	0.03	5.97	2
10040027	10040029	7.27	1 1-	2 ACSR 6/1	0	0	567	160	4	0	0	0.00	5.97	0
10040026	10040029	7.22	5 1-	2 ACSR 6/1	0	0	572	160	10	1	1	0.00	5.97	0
10040008	10040029	7.32	22 1-	2 ACSR 6/1	0	0	563	159	71	9	5	0.03	6.01	2
4940032	10040008	7.41	6 1-	2 ACSR 6/1	0	0	555	159	28	3	2	0.01	6.02	0
10040028	4940032	7.50	6 1-	2 ACSR 6/1	0	0	548	158	28	3	2	0.01	6.03	0
10040021	10040028	7.58	1 1-	2 ACSR 6/1	0	0	541	158	7	0	0	0.00	6.03	0
10040025	10040028	7.60	5 1-	2 ACSR 6/1	0	0	540	158	22	2	2	0.01	6.03	0
10040022	10040025	7.64	4 1-	2 ACSR 6/1	0	0	536	157	13	1	1	0.00	6.03	0
10040024	10040022	8.00	0 1-	2 ACSR 6/1	0	0	509	155	0	0	0	0.00	6.03	0
10040023	10040022	7.80	2 1-	2 ACSR 6/1	0	0	524	156	6	0	0	0.00	6.04	0
4940025	10040008	7.41	16 1-	2 ACSR 6/1	0	0	555	159	43	5	3	0.01	6.02	0
4940027	4940025	7.48	14 1-	2 ACSR 6/1	0	0	550	158	37	4	3	0.01	6.03	0
4940033	4940027	7.53	13 1-	2 ACSR 6/1	0	0	546	158	32	4	2	0.01	6.04	0
4940034	4940033	7.59	2 1-	2 ACSR 6/1	0	0	541	158	4	0	0	0.00	6.04	0
4940016	4940033	7.65	11 1-	2 ACSR 6/1	0	0	536	157	28	3	2	0.01	6.05	0
4940020	4940016	7.75	1 1-	2 ACSR 6/1	0	0	528	157	5	0	0	0.00	6.05	0
4940019	4940016	7.68	9 1-	2 ACSR 6/1	0	0	534	157	20	2	1	0.00	6.05	0
4940035	4940019	8.12	1 1-	2 ACSR 6/1	0	0	501	154	5	0	0	0.00	6.05	0
4940021	4940019	7.70	8 1-	2 ACSR 6/1	0	0	532	157	16	2	1	0.00	6.05	0
4940022	4940021	7.81	6 1-	2 ACSR 6/1	0	0	523	156	12	1	1	0.01	6.06	0
4940024	4940022	7.93	1 1-	2 ACSR 6/1	0	0	515	156	4	0	0	0.00	6.06	0
4940018	4940022	7.87	3 1-	2 ACSR 6/1	0	0	519	156	3	0	0	0.00	6.06	0
4940023	4940018	7.93	1 1-	2 ACSR 6/1	0	0	515	156	0	0	0	0.00	6.06	0
4940017	4940022	7.96	2 1-	2 ACSR 6/1	0	0	513	155	4	0	0	0.00	6.06	0
4940026	4940025	7.46	2 1-	2 ACSR 6/1	0	0	551	158	6	0	0	0.00	6.02	0
10040031	10030016	6.98	2 1-	2 ACSR 6/1	0	0	594	161	11	1	1	0.00	5.89	0
10030040	10030037	6.95	4 1-	2 ACSR 6/1	0	0	598	162	17	2	1	0.01	5.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10030030	10030040	7.05	2 1-	2 ACSR 6/1	0	0	588	161	13	1	1	0.00	5.86	0
10040034	10030030	7.11	1 1-	2 ACSR 6/1	0	0	582	161	13	1	1	0.00	5.86	0
10030032	10130014	6.20	1 1-	2 ACSR 6/1	0	0	680	166	4	0	0	0.00	5.40	0
10130012	10120082	5.91	1 1-	2 ACSR 6/1	0	0	718	168	4	0	0	0.00	5.13	0
10120059	10120058	5.56	1 1-	2 ACSR 6/1	0	0	770	171	7	0	1	0.00	4.72	0
10120085	10120058	5.51	13 1-	2 ACSR 6/1	0	0	778	171	57	7	4	0.03	4.74	1
10020007	10120085	5.58	12 1-	2 ACSR 6/1	0	0	766	171	57	7	4	0.01	4.75	0
10020009	10020007	5.89	10 1-	2 ACSR 6/1	0	0	721	168	42	5	3	0.04	4.80	1
10030041	10020009	5.94	9 1-	2 ACSR 6/1	0	0	714	168	33	4	2	0.01	4.80	0
10030015	10030041	6.09	8 1-	2 ACSR 6/1	0	0	694	167	28	3	2	0.01	4.82	0
4930005	10030015	6.14	3 1-	2 ACSR 6/1	0	0	687	167	10	1	1	0.00	4.82	0
4930004	10030015	6.35	2 1-	2 ACSR 6/1	0	0	662	165	5	0	0	0.00	4.82	0
4930003	10030015	6.17	2 1-	2 ACSR 6/1	0	0	684	167	6	0	0	0.00	4.82	0
10030031	10030041	6.05	1 1-	2 ACSR 6/1	0	0	699	167	5	0	0	0.00	4.81	0
10020008	10020007	5.65	0 1-	2 ACSR 6/1	0	0	756	170	0	0	0	0.00	4.75	0
10120074	10120073	5.18	4 1-	2 ACSR 6/1	0	0	827	173	19	2	1	0.00	4.67	0
10120075	10120074	5.23	3 1-	2 ACSR 6/1	0	0	817	172	14	1	1	0.00	4.67	0
10120069	10120068	5.05	2 1-	2 ACSR 6/1	0	0	846	173	8	1	1	0.00	4.56	0
10120087	10120069	5.12	1 1-	2 ACSR 6/1	0	0	833	173	5	0	0	0.00	4.56	0
9190151	9190152	4.08	3 1-	2 ACSR 6/1	0	0	1030	178	7	0	1	0.00	4.76	0
9190159	9190067	3.74	1 1-	2 ACSR 6/1	0	0	1120	180	3	0	0	0.00	2.00	0
9190068	9190143	3.22	4 1-	2 ACSR 6/1	0	0	1280	183	21	2	2	0.00	3.29	0
9190149	9190068	3.26	2 1-	2 ACSR 6/1	0	0	1263	183	12	1	1	0.00	3.29	0
9190167	9190149	3.32	1 1- 15 KV 2 URD XLP		0	0	1242	422	1	0	0	0.00	3.29	0
9190148	9190068	3.27	2 1-	2 ACSR 6/1	0	0	1260	183	9	1	1	0.00	3.29	0
9190178	9190148	3.35	1 1- 15 KV 2 URD XLP		0	0	1229	420	0	0	0	0.00	3.29	0
9190134	9190131	2.62	1 1-	2 ACSR 6/1	0	0	1532	186	10	1	1	0.00	3.69	0
9190132	9190131	2.62	3 1-	2 ACSR 6/1	0	0	1531	186	21	2	2	0.00	2.75	0
9190133	9190132	2.65	2 1-	2 ACSR 6/1	0	0	1513	186	15	1	1	0.00	2.75	0
9190175	9190133	2.72	1 1-	2 ACSR 6/1	0	0	1474	185	9	1	1	0.00	2.75	0
9190126	9190124	2.50	5 1-	2 ACSR 6/1	0	0	1594	187	13	1	1	0.00	3.60	0
9190127	9190126	2.54	3 1-	2 ACSR 6/1	0	0	1570	186	8	1	1	0.00	3.61	0
9190129	9190127	2.58	2 1-	2 ACSR 6/1	0	0	1548	186	5	0	0	0.00	3.61	0
9190130	9190129	2.62	1 1-	2 ACSR 6/1	0	0	1523	186	0	0	0	0.00	3.61	0
9190128	9190127	2.57	1 1-	2 ACSR 6/1	0	0	1552	186	3	0	0	0.00	3.61	0
9280150	9280186	2.13	5 1-	2 ACSR 6/1	0	0	1798	188	33	4	2	0.01	3.13	0
9280156	9280150	2.16	1 1-	2 ACSR 6/1	0	0	1772	188	8	1	1	0.00	3.13	0
9280151	9280150	2.18	3 1-	2 ACSR 6/1	0	0	1757	188	19	2	1	0.00	3.13	0
9280171	9280151	2.26	1 1-	2 ACSR 6/1	0	0	1699	187	2	0	0	0.00	3.13	0
9280157	9280151	2.28	2 1-	2 ACSR 6/1	0	0	1685	187	16	2	1	0.00	3.13	0
9280184	9280185	1.97	2 1-	2 ACSR 6/1	0	0	1914	189	21	2	2	0.00	2.17	0
9280155	9280184	2.02	1 1-	2 ACSR 6/1	0	0	1870	189	12	1	1	0.00	2.17	0
9280091	9280173	0.95	36 3-	4/0 ACSR 6/1	3551	3398	2968	193	188	7	2	0.00	1.13	0
D09-28-P215	9280091	0.95	36 3-	REC-70-L	3551	3398	2968	193	188	7	11	0.00	1.13	0
9280143	D09-28-P215	0.99	36 3- 15 KV 2 URD XLP		3508	3356	2925	493	188	7	5	0.01	1.14	2
9280144	9280143	1.03	34 3- 15 KV 2 URD XLP		3465	3313	2882	491	177	7	4	0.01	1.15	1
9280142	9280144	1.08	33 3- 15 KV 2 URD XLP		3399	3246	2817	487	166	7	4	0.01	1.16	2
9280140	9280142	1.13	31 3- 15 KV 2 URD XLP		3345	3192	2765	484	160	6	4	0.01	1.16	1
9280137	9280140	1.21	27 3- 15 KV 2 URD XLP		3251	3098	2675	479	136	5	3	0.01	1.18	2
9280213	9280137	1.30	18 3- 15 KV 2 URD XLP		3134	2981	2567	474	87	-3	2	0.00	1.18	2
9280101	9280213	1.34	16 1- 15 KV 2 URD XLP		0	0	2505	471	72	9	5	0.01	0.96	0
9280099	9280101	1.38	10 1- 15 KV 2 URD XLP		0	0	2444	468	43	5	3	0.01	0.97	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 50	PINE MNT(50)				2200	2277	2455	362	8370						
SUB 50,	CKT 1	327													
BK5001+	PINE MNT(50)	0.00	170	3-	BK5001	2200	2277	2455	362	705	15	4	0.00	0.00	0
37570058+	BK5001	0.08	170	3-	1/0 ACSR 6/1	2176	2249	2411	361	705	15	7	0.01	0.01	5
37570059+	37570058	0.16	170	3-	1/0 ACSR 6/1	2150	2219	2364	360	705	15	7	0.01	0.02	6
37570076+	37570059	0.28	170	3-	336 ACSR 18/1	2124	2185	2315	360	704	15	3	0.01	0.03	3
37570077+	37570076	0.33	170	3-	336 ACSR 18/1	2114	2171	2295	360	704	15	3	0.00	0.03	1
37570074+	37570077	0.38	170	3-	336 ACSR 18/1	2103	2157	2275	359	704	15	3	0.00	0.03	1
37570088+	37570074	0.65	170	3-	336 ACSR 18/1	2051	2088	2178	358	704	15	3	0.01	0.04	6
37570089+	37570088	0.72	170	3-	336 ACSR 18/1	2035	2069	2151	358	704	15	3	0.00	0.05	2
37570007+	37570089	1.99	170	3-	336 ACSR 18/1	1817	1799	1785	351	704	15	3	0.06	0.11	28
37480007+	37570007	2.31	170	3-	336 ACSR 18/1	1769	1743	1712	350	704	15	3	0.01	0.12	7
37-48-P019-B+	37480007	2.31	170	3-	Closed	1769	1743	1712	350	704	15	0	0.00	0.12	0
37-48-P019-A+	37-48-P019-B	2.31	170	3-	Closed	1769	1743	1712	350	704	15	0	0.00	0.12	0
37480008+	37-48-P019-A	2.47	170	3-	336 ACSR 18/1	1746	1716	1677	349	704	15	3	0.01	0.13	4
37480012+	37480008	2.53	1	1-	2 ACSR 6/1	0	0	1659	348	2	0	0	0.00	0.16	0
37480006+	37480008	2.59	169	3-	336 ACSR 18/1	1730	1696	1652	348	702	15	3	0.01	0.14	3
D37-49-P004+	37480006	2.59	7	1-	REC-35-E	0	0	1652	348	33	2	6	0.00	0.17	0
37490038+	D37-49-P004	2.74	7	1-	2 ACSR 6/1	0	0	1606	346	33	2	1	0.00	0.17	0
37490039+	37490038	2.80	6	1-	2 ACSR 6/1	0	0	1587	345	30	2	1	0.00	0.18	0
37490040+	37490039	2.88	3	1-	2 ACSR 6/1	0	0	1565	344	20	1	1	0.00	0.18	0
37490042+	37490040	2.95	0	1-	2 ACSR 6/1	0	0	1543	343	0	0	0	0.00	0.18	0
37490041+	37490040	2.94	2	1-	2 ACSR 6/1	0	0	1545	343	12	0	0	0.00	0.18	0
37490010+	37480006	2.75	162	3-	336 ACSR 18/1	1707	1671	1620	348	669	14	3	0.01	0.14	3
37490029+	37490010	2.79	148	3-	2/0 ACSR 6/1	1699	1662	1609	347	630	14	5	0.00	0.15	2
37490028+	37490029	2.82	147	3-	2/0 ACSR 6/1	1694	1657	1602	347	630	14	5	0.00	0.15	1
D37-49-P020+	37490028	2.82	147	3-	ER3-WVE-300/140	1694	1657	1602	347	630	14	9	0.00	0.15	0
37490037+	D37-49-P020	2.89	147	3-	2/0 ACSR 6/1	1682	1643	1585	346	630	14	5	0.01	0.16	3
37490036+	37490037	2.97	146	3-	2/0 ACSR 6/1	1666	1626	1565	346	623	13	5	0.01	0.17	4
37390027+	37490036	2.99	1	1-	2 ACSR 6/1	0	0	1558	345	7	0	0	0.00	0.20	0
37390026+	37490036	3.04	144	3-	2/0 ACSR 6/1	1652	1611	1546	345	607	13	5	0.01	0.17	3
37390037+	37390026	3.14	143	3-	2/0 ACSR 6/1	1634	1591	1522	344	599	13	5	0.01	0.18	4
37390038+	37390037	3.27	143	3-	2/0 ACSR 6/1	1612	1567	1494	343	599	13	5	0.01	0.19	5
37380033+	37390038	3.52	143	3-	2/0 ACSR 6/1	1569	1520	1439	341	599	13	5	0.03	0.22	10
37380023+	37380033	3.60	141	3-	2/0 ACSR 6/1	1556	1506	1423	340	590	13	5	0.01	0.22	3
37380021+	37380023	3.68	141	3-	2/0 ACSR 6/1	1542	1490	1405	339	590	13	5	0.01	0.23	4
37380024+	37380021	3.95	141	3-	2/0 ACSR 6/1	1500	1445	1353	337	590	13	5	0.03	0.25	11
37380026+	37380024	4.00	140	3-	2/0 ACSR 6/1	1493	1437	1344	336	590	13	5	0.01	0.26	2
37380027+	37380026	4.05	1	1-	2 ACSR 6/1	0	0	1333	336	1	0	0	0.00	0.30	0
37380025+	37380026	4.11	138	3-	2/0 ACSR 6/1	1476	1419	1323	335	583	13	5	0.01	0.27	5
37380029+	37380025	4.16	136	3-	2/0 ACSR 6/1	1469	1412	1315	335	571	12	5	0.01	0.27	5
37380031+	37380029	4.31	136	3-	2/0 ACSR 6/1	1447	1388	1289	334	571	12	5	0.02	0.29	6
37380032+	37380031	4.41	129	3-	2/0 ACSR 6/1	1432	1372	1271	333	538	12	4	0.01	0.29	4
37380030+	37380032	4.49	2	1-	2 ACSR 6/1	0	0	1255	331	8	0	0	0.00	0.34	0
37380018+	37380032	4.58	126	3-	2/0 ACSR 6/1	1408	1347	1244	331	524	11	4	0.02	0.31	6
37380017+	37380018	4.69	125	3-	2/0 ACSR 6/1	1393	1331	1226	330	520	11	4	0.01	0.32	4
37280010+	37380017	4.86	124	3-	2/0 ACSR 6/1	1370	1307	1199	329	514	11	4	0.02	0.33	5
37280009+	37280010	5.03	122	3-	2/0 ACSR 6/1	1348	1284	1175	327	501	11	4	0.02	0.34	5
37280007+	37280009	5.08	3	1-	2 ACSR 6/1	0	0	1167	327	5	0	0	0.00	0.24	0
37280002+	37280009	5.10	119	3-	2/0 ACSR 6/1	1340	1275	1165	327	495	11	4	0.01	0.35	2
37270017+	37280002	5.61	119	3-	2/0 ACSR 6/1	1278	1211	1097	322	495	11	4	0.06	0.39	15
37270016+	37270017	5.79	117	3-	2/0 ACSR 6/1	1258	1190	1075	321	487	10	4	0.02	0.40	5

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37270003+	37270016	5.83	1 1-	2 ACSR 6/1	0	0	1069	320	9	0	0	0.00	0.49	0
37270004+	37270003	5.88	0 1-	2 ACSR 6/1	0	0	1062	319	0	0	0	0.00	0.49	0
37270026+	37270003	5.86	1 1-	2 ACSR 6/1	0	0	1065	320	9	0	0	0.00	0.49	0
37270025+	37270016	5.87	116 3-	2/0 ACSR 6/1	1249	1180	1065	320	477	10	4	0.01	0.40	2
37270020+	37270025	5.94	115 3-	2/0 ACSR 6/1	1241	1172	1057	319	472	10	4	0.01	0.41	2
D37-27-P019+	37270020	5.94	32 1-	REC-25-E	0	0	1057	319	142	9	38	0.00	0.51	0
37270021+	D37-27-P019	5.97	32 1-	2 ACSR 6/1	0	0	1052	319	142	9	5	0.00	0.52	0
37270022+	37270021	5.98	32 1-	2 ACSR 6/1	0	0	1050	319	142	9	5	0.00	0.52	0
37270023+	37270022	6.06	30 1-	2 ACSR 6/1	0	0	1039	318	129	8	5	0.01	0.53	0
37170033+	37270023	6.11	25 1-	2 ACSR 6/1	0	0	1033	317	115	7	4	0.01	0.53	0
37170034+	37170033	6.14	24 1-	2 ACSR 6/1	0	0	1028	317	107	7	4	0.00	0.54	0
37170035+	37170034	6.24	19 1-	2 ACSR 6/1	0	0	1015	315	91	6	3	0.01	0.54	0
37170031+	37170035	6.27	18 1-	2 ACSR 6/1	0	0	1011	315	83	5	3	0.00	0.55	0
37170023+	37170031	6.35	17 1-	2 ACSR 6/1	0	0	1000	314	79	5	3	0.01	0.55	0
37170024+	37170023	6.40	0 1-	2 ACSR 6/1	0	0	993	313	0	0	0	0.00	0.55	0
37170021+	37170023	6.74	17 1-	2 ACSR 6/1	0	0	952	309	79	5	3	0.03	0.58	2
37180006+	37170021	6.81	16 1-	2 ACSR 6/1	0	0	943	308	72	4	3	0.00	0.59	0
37180007+	37180006	6.90	14 1-	2 ACSR 6/1	0	0	932	307	63	4	2	0.01	0.59	0
37180008+	37180007	6.99	12 1-	2 ACSR 6/1	0	0	923	306	55	3	2	0.00	0.60	0
37180010+	37180008	7.12	10 1-	2 ACSR 6/1	0	0	907	304	43	2	2	0.01	0.60	0
20850994+	37180010	8.06	9 1-	2 ACSR 6/1	0	0	813	293	38	2	1	0.03	0.64	0
20850995+	20850994	8.13	7 1-	2 ACSR 6/1	0	0	807	292	28	1	1	0.00	0.64	0
37190009+	20850995	8.17	1 1-	2 ACSR 6/1	0	0	803	292	4	0	0	0.00	0.64	0
20850940+	20850995	8.16	6 1-	2 ACSR 6/1	0	0	804	292	24	1	1	0.00	0.64	0
D37-19-P003+	20850940	8.16	2 1-	REC-15-E	0	0	804	292	13	0	6	0.00	0.64	0
37190008+	D37-19-P003	8.22	2 1-	2 ACSR 6/1	0	0	799	291	13	0	0	0.00	0.64	0
37190003+	20850940	8.17	4 1-	2 ACSR 6/1	0	0	803	292	12	0	0	0.00	0.64	0
37-19-P003-B+	37190003	8.17	4 1-	Closed	0	0	803	292	12	0	0	0.00	0.64	0
37-19-P003-A+	37-19-P003-B	8.17	4 1-	Closed	0	0	803	292	12	0	0	0.00	0.64	0
37190007+	37-19-P003-A	8.83	4 1-	2 ACSR 6/1	0	0	748	284	12	0	0	0.01	0.65	0
37290012+	37190007	8.85	3 1-	2 ACSR 6/1	0	0	747	284	9	0	0	0.00	0.65	0
37-29-P003-B+	37290012	8.85	3 1-	Closed	0	0	747	284	9	0	0	0.00	0.65	0
37-29-P003-A+	37-29-P003-B	8.85	3 1-	Closed	0	0	747	284	9	0	0	0.00	0.65	0
37290002+	37-29-P003-A	9.63	3 1-	2 ACSR 6/1	0	0	690	276	9	0	0	0.01	0.65	0
37290009+	37290002	9.68	2 1-	2 ACSR 6/1	0	0	688	275	9	0	0	0.00	0.65	0
37290010+	37290009	9.72	1 1-	2 ACSR 6/1	0	0	684	275	9	0	0	0.00	0.65	0
37290008+	37290002	9.73	1 1-	2 ACSR 6/1	0	0	684	275	0	0	0	0.00	0.65	0
37290011+	37290002	9.71	0 1-	2 ACSR 6/1	0	0	685	275	0	0	0	0.00	0.65	0
37180009+	37180008	7.07	2 1-	2 ACSR 6/1	0	0	913	305	13	0	0	0.00	0.60	0
37170032+	37270023	6.12	3 1-	2 ACSR 6/1	0	0	1031	317	10	0	0	0.00	0.53	0
37270019+	37270020	5.98	2 1-	2 ACSR 6/1	0	0	1051	319	3	0	0	0.00	0.51	0
37270024+	37270019	6.04	0 1-	2 ACSR 6/1	0	0	1043	318	0	0	0	0.00	0.51	0
37270018+	37270020	6.00	80 3-	4/0 ACSR 6/1	1236	1167	1051	319	326	7	2	0.00	0.41	0
37170036+	37270018	6.19	78 3-	4/0 ACSR 6/1	1218	1148	1030	318	317	7	2	0.00	0.42	1
37170025+	37170036	6.28	76 3-	4/0 ACSR 6/1	1210	1140	1021	317	311	6	2	0.00	0.42	0
37170030+	37170025	6.35	4 1-	2 ACSR 6/1	0	0	1012	316	17	1	1	0.00	0.45	0
37170026+	37170025	6.37	71 3-	4/0 ACSR 6/1	1203	1132	1013	317	292	6	2	0.00	0.42	0
37170028+	37170026	6.43	71 3-	4/0 ACSR 6/1	1197	1127	1007	316	292	6	2	0.00	0.42	0
37170029+	37170028	6.49	69 3-	4/0 ACSR 6/1	1192	1122	1001	316	284	6	2	0.00	0.43	0
37170027+	37170029	6.56	68 3-	4/0 ACSR 6/1	1186	1115	994	315	281	6	2	0.00	0.43	0
37170022+	37170027	6.62	1 1-	2 ACSR 6/1	0	0	987	315	4	0	0	0.00	0.30	0
37170004+	37170027	6.65	67 3-	4/0 ACSR 6/1	1178	1107	986	315	277	6	2	0.00	0.43	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37160049+	37170004	6.70	1 1-	2 ACSR 6/1	0	0	979	314	1	0	0	0.00	0.52	0
37160042+	37170004	6.78	66 3-	4/0 ACSR 6/1	1167	1096	974	314	276	6	2	0.00	0.43	0
37160041+	37160042	6.85	65 3-	4/0 ACSR 6/1	1162	1090	968	313	268	5	2	0.00	0.44	0
37160040+	37160041	6.91	1 1-	2 ACSR 6/1	0	0	961	313	9	0	0	0.00	0.53	0
37160039+	37160041	6.90	64 3-	4/0 ACSR 6/1	1158	1087	964	313	259	5	2	0.00	0.44	0
37160046+	37160039	7.02	1 1-	2 ACSR 6/1	0	0	948	312	3	0	0	0.00	0.53	0
37160048+	37160039	6.94	63 3-	4/0 ACSR 6/1	1154	1083	960	313	256	5	2	0.00	0.44	0
37160052+	37160048	6.99	1 3-	4/0 ACSR 6/1	1151	1079	955	313	0	0	0	0.00	0.44	0
37160047+	37160048	7.05	61 3-	4/0 ACSR 6/1	1146	1074	950	312	247	5	2	0.00	0.44	0
37160055+	37160047	7.12	60 3-	4/0 ACSR 6/1	1140	1068	944	312	242	5	2	0.00	0.44	0
37160054+	37160055	7.28	60 3-	4/0 ACSR 6/1	1128	1056	931	311	242	5	2	0.00	0.45	0
37160044+	37160054	7.36	56 3-	4/0 ACSR 6/1	1122	1050	924	310	227	5	1	0.00	0.45	0
37160051+	37160044	7.39	54 3-	4/0 ACSR 6/1	1119	1047	922	310	214	4	1	0.00	0.45	0
37160050+	37160051	7.43	53 3-	4/0 ACSR 6/1	1116	1044	919	310	203	4	1	0.00	0.45	0
20850939+	37160050	7.51	4 1-	2 ACSR 6/1	0	0	910	309	23	1	1	0.00	0.48	0
37160045+	20850939	7.56	2 1-	2 ACSR 6/1	0	0	905	308	14	0	1	0.00	0.48	0
20850531+	37160050	7.48	47 3-	4/0 ACSR 6/1	1113	1041	915	309	169	3	1	0.00	0.45	0
20850623+	20850531	7.53	46 3-	4/0 ACSR 6/1	1108	1036	910	309	161	3	1	0.00	0.45	0
20850622+	20850623	7.78	46 3-	4/0 ACSR 6/1	1090	1018	891	308	161	3	1	0.00	0.46	0
20850536+	20850622	7.80	1 1-	2 ACSR 6/1	0	0	889	307	3	0	0	0.00	0.53	0
37160018+	20850622	7.83	45 3-	4/0 ACSR 6/1	1087	1015	888	307	158	3	1	0.00	0.46	0
20850624+	37160018	7.90	3 1-	2 ACSR 6/1	0	0	880	306	9	0	0	0.00	0.53	0
20850697+	20850624	7.93	2 1-	2 ACSR 6/1	0	0	877	306	3	0	0	0.00	0.53	0
37160053+	20850697	7.97	1 1-	2 ACSR 6/1	0	0	873	305	1	0	0	0.00	0.53	0
20850698+	20850697	7.98	1 1-	2 ACSR 6/1	0	0	873	305	3	0	0	0.00	0.53	0
20850621+	37160018	7.86	42 3-	4/0 ACSR 6/1	1085	1013	885	307	148	3	1	0.00	0.46	0
20850620+	20850621	7.94	41 3-	4/0 ACSR 6/1	1079	1007	880	307	146	3	1	0.00	0.46	0
20850618+	20850620	8.11	31 3-	4/0 ACSR 6/1	1067	995	867	305	128	2	1	0.00	0.46	0
37150003+	20850618	8.14	25 3-	4/0 ACSR 6/1	1065	993	865	305	92	2	1	0.00	0.46	0
37150005+	37150003	8.56	24 3-	4/0 ACSR 6/1	1037	964	835	303	89	1	1	-0.01	0.46	0
37250012+	37150005	8.65	23 3-	4/0 ACSR 6/1	1031	959	830	302	86	1	1	0.00	0.47	0
37250011+	37250012	8.78	22 3-	4/0 ACSR 6/1	1023	951	821	301	83	1	1	0.00	0.47	0
37250014+	37250011	8.89	22 3-	4/0 ACSR 6/1	1016	944	814	301	83	1	1	0.00	0.47	0
37250013+	37250014	8.92	21 3-	4/0 ACSR 6/1	1014	942	812	300	80	1	1	0.00	0.47	0
37-25-P024-B+	37250013	8.92	21 3-	Closed	1014	942	812	300	80	1	0	0.00	0.47	0
37-25-P024-A+	37-25-P024-B	8.92	21 3-	Closed	1014	942	812	300	80	1	0	0.00	0.47	0
37250006+	37-25-P024-A	9.01	21 3-	4/0 ACSR 6/1	1008	936	807	300	80	1	1	0.00	0.47	0
20851208+	37250006	9.72	21 3-	4/0 ACSR 6/1	966	895	765	296	80	1	1	-0.01	0.47	1
20851124+	20851208	10.00	21 3-	4/0 ACSR 6/1	950	879	749	294	80	1	1	-0.01	0.48	0
20851017+	20851124	10.05	20 3-	4/0 ACSR 6/1	948	877	747	294	77	1	1	0.00	0.48	0
20851206+	20851017	10.18	19 3-	4/0 ACSR 6/1	941	870	740	293	76	1	0	0.00	0.48	0
20851205+	20851206	10.63	19 3-	4/0 ACSR 6/1	917	846	717	290	76	1	0	-0.01	0.48	0
37240023+	20851205	10.69	19 1-	2 ACSR 6/1	0	0	713	289	76	5	3	0.00	0.59	0
D37-24-P007+	37240023	10.69	19 1-	REC-35-E	0	0	713	289	76	5	15	0.00	0.59	0
37240017+	D37-24-P007	10.81	19 1-	2 ACSR 6/1	0	0	705	288	76	5	3	0.01	0.60	0
D37-24-P002+	37240017	10.81	1 1-	FUS	0	0	705	288	3	0	4	0.00	0.60	0
37240026+	D37-24-P002	10.89	1 1-	2 ACSR 6/1	0	0	700	287	3	0	0	0.00	0.60	0
37240022+	37240026	10.98	1 1-	2 ACSR 6/1	0	0	694	286	3	0	0	0.00	0.60	0
20850413+	37240017	11.10	18 1-	2 ACSR 6/1	0	0	686	285	73	4	3	0.02	0.62	1
20850414+	20850413	11.22	17 1-	2 ACSR 6/1	0	0	679	283	66	4	2	0.01	0.62	0
20850415+	20850414	11.34	0 1-	2 ACSR 6/1	0	0	672	282	0	0	0	0.00	0.62	0
37140008+	20850414	11.31	17 1-	2 ACSR 6/1	0	0	673	282	66	4	2	0.01	0.63	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D37-14-P004+	37140008	11.31	1 1-	FUS	0	0	673	282	0	0	0	0.00	0.63	0
37140026+	D37-14-P004	11.47	1 1-	2 ACSR 6/1	0	0	664	281	0	0	0	0.00	0.63	0
37140009+	37140008	11.42	16 1-	2 ACSR 6/1	0	0	667	281	66	4	2	0.01	0.64	0
37140025+	37140009	11.53	15 1-	2 ACSR 6/1	0	0	660	280	62	4	2	0.01	0.64	0
37140019+	37140025	11.59	14 1-	2 ACSR 6/1	0	0	657	279	58	3	2	0.00	0.65	0
37140022+	37140019	11.62	14 1-	2 ACSR 6/1	0	0	655	279	58	3	2	0.00	0.65	0
37140023+	37140022	11.65	13 1-	2 ACSR 6/1	0	0	653	279	57	3	2	0.00	0.65	0
37140024+	37140023	11.70	12 1-	2 ACSR 6/1	0	0	651	278	48	3	2	0.00	0.65	0
37140010+	37140024	11.97	12 1-	2 ACSR 6/1	0	0	636	275	48	3	2	0.01	0.67	0
37140027+	37140010	12.03	11 1-	2 ACSR 6/1	0	0	632	275	47	3	2	0.00	0.67	0
37140028+	37140027	12.21	11 1-	2 ACSR 6/1	0	0	623	273	47	3	2	0.01	0.68	0
37130015+	37140028	12.73	10 1-	2 ACSR 6/1	0	0	596	268	47	3	2	0.03	0.70	0
37030007+	37130015	13.13	10 1-	2 ACSR 6/1	0	0	577	264	47	3	2	0.02	0.72	0
20850752+	37030007	13.22	9 1-	2 ACSR 6/1	0	0	573	263	43	2	2	0.00	0.73	0
20850751+	20850752	13.28	1 1-	2 ACSR 6/1	0	0	570	262	4	0	0	0.00	0.73	0
20850750+	20850752	13.44	8 1-	2 ACSR 6/1	0	0	563	261	39	2	1	0.01	0.73	0
20850613+	20850750	13.49	7 1-	2 ACSR 6/1	0	0	561	260	30	2	1	0.00	0.74	0
37030006+	20850613	13.73	6 1-	2 ACSR 6/1	0	0	551	258	30	2	1	0.01	0.74	0
37130008+	37030006	13.84	6 1-	2 ACSR 6/1	0	0	546	257	30	2	1	0.00	0.75	0
37130009+	37130008	13.96	6 1-	2 ACSR 6/1	0	0	541	256	30	2	1	0.00	0.75	0
37130011+	37130009	14.01	6 1-	2 ACSR 6/1	0	0	539	256	30	2	1	0.00	0.75	0
37130013+	37130011	14.05	3 1-	2 ACSR 6/1	0	0	538	255	21	1	1	0.00	0.75	0
37130014+	37130013	14.20	3 1-	2 ACSR 6/1	0	0	531	254	21	1	1	0.00	0.76	0
20850756+	37130014	14.51	2 1-	2 ACSR 6/1	0	0	520	251	16	1	1	0.00	0.76	0
37120024+	20850756	14.53	2 1-	2 ACSR 6/1	0	0	519	251	16	1	1	0.00	0.76	0
37120027+	37120024	14.90	1 1-	2 ACSR 6/1	0	0	505	248	13	0	0	0.00	0.77	0
37120028+	37120027	15.02	1 1-	2 ACSR 6/1	0	0	501	247	13	0	0	0.00	0.77	0
37120019+	37120028	15.09	1 1-	2 ACSR 6/1	0	0	498	246	13	0	0	0.00	0.77	0
37-12-P012-B+	37120019	15.09	1 1-	Closed	0	0	498	246	13	0	0	0.00	0.77	0
37-12-P012-A+	37-12-P012-B	15.09	1 1-	Closed	0	0	498	246	13	0	0	0.00	0.77	0
37120025+	37-12-P012-A	15.16	1 1-	2 ACSR 6/1	0	0	496	245	13	0	0	0.00	0.77	0
37120026+	37120025	16.20	1 1-	2 ACSR 6/1	0	0	462	237	13	0	0	0.01	0.78	0
20850612+	37120026	16.26	1 1-	2 ACSR 6/1	0	0	460	237	13	0	0	0.00	0.78	0
37130012+	37130011	14.10	3 1-	2 ACSR 6/1	0	0	536	255	9	0	0	0.00	0.75	0
37130007+	37130008	13.88	0 1-	2 ACSR 6/1	0	0	544	257	0	0	0	0.00	0.75	0
37130010+	37140028	12.23	1 1-	2 ACSR 6/1	0	0	621	273	0	0	0	0.00	0.68	0
37140021+	37140010	12.00	1 1-	2 ACSR 6/1	0	0	634	275	1	0	0	0.00	0.67	0
37140020+	37140009	11.48	1 1-	2 ACSR 6/1	0	0	663	281	4	0	0	0.00	0.64	0
37250005+	37250011	8.85	0 1-	2 ACSR 6/1	0	0	815	300	0	0	0	0.00	0.52	0
20850619+	20850618	8.15	1 1-	2 ACSR 6/1	0	0	863	305	9	0	0	0.00	0.36	0
20850616+	20850620	7.99	7 1-	2 ACSR 6/1	0	0	874	306	13	0	0	0.00	0.53	0
20850617+	20850616	8.02	7 1-	2 ACSR 6/1	0	0	871	306	13	0	0	0.00	0.53	0
37150004+	20850617	8.07	1 1-	2 ACSR 6/1	0	0	866	305	6	0	0	0.00	0.53	0
20850614+	20850620	8.01	3 1-	2 ACSR 6/1	0	0	872	306	5	0	0	0.00	0.53	0
20850615+	20850614	8.08	1 1-	2 ACSR 6/1	0	0	865	305	4	0	0	0.00	0.53	0
20850537+	20850531	7.55	1 1-	2 ACSR 6/1	0	0	906	308	8	0	0	0.00	0.53	0
37160037+	37160054	7.35	2 1-	2 ACSR 6/1	0	0	923	310	8	0	0	0.00	0.53	0
37160038+	37160037	7.39	1 1-	2 ACSR 6/1	0	0	918	309	4	0	0	0.00	0.53	0
37160036+	37160054	7.29	0 1-	2 ACSR 6/1	0	0	930	311	0	0	0	0.00	0.48	0
37160043+	37160047	7.13	1 1-	2 ACSR 6/1	0	0	941	311	4	0	0	0.00	0.53	0
37280008+	37380017	4.73	1 1-	2 ACSR 6/1	0	0	1219	330	7	0	0	0.00	0.36	0
37380022+	37380031	4.34	5 1-	2 ACSR 6/1	0	0	1283	333	23	1	1	0.00	0.33	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37380019+	37380022	4.47	2 1-	2 ACSR 6/1	0	0	1256	331	13	0	0	0.00	0.33	0
37380020+	37380019	4.59	2 1-	2 ACSR 6/1	0	0	1233	330	13	0	0	0.00	0.33	0
37380028+	37380025	4.18	1 1-	2 ACSR 6/1	0	0	1308	334	5	0	0	0.00	0.29	0
37390013+	37390037	3.18	0 1-	2 ACSR 6/1	0	0	1513	344	0	0	0	0.00	0.22	0
37490034+	37490010	2.79	14 3-	336 ACSR 18/1	1702	1665	1612	347	39	0	0	0.00	0.14	0
37-49-P042-B+	37490034	2.79	14 3-	Closed	1702	1665	1612	347	39	0	0	0.00	0.14	0
37-49-P042-A+	37-49-P042-B	2.79	14 3-	Closed	1702	1665	1612	347	39	0	0	0.00	0.14	0
37490046+	37-49-P042-A	2.80	14 3-	336 ACSR 18/1	1701	1663	1610	347	39	0	0	0.00	0.14	0
37490035+	37490046	2.86	13 3-	336 ACSR 18/1	1692	1654	1598	347	39	0	0	0.00	0.14	0
37490033+	37490035	2.91	3 1-	2 ACSR 6/1	0	0	1582	346	6	0	0	0.00	0.18	0
37490032+	37490035	2.97	8 3-	336 ACSR 18/1	1678	1638	1578	347	31	0	0	0.00	0.15	0
37490008+	37490032	3.01	3 1-	2 ACSR 6/1	0	0	1566	346	6	0	0	0.00	0.18	0
37490031+	37490008	3.06	1 1-	2 ACSR 6/1	0	0	1551	345	0	0	0	0.00	0.18	0
37490030+	37490008	3.04	2 1-	2 ACSR 6/1	0	0	1556	345	5	0	0	0.00	0.18	0
37490009+	37490032	3.05	5 3-	336 ACSR 18/1	1667	1625	1562	346	25	0	0	0.00	0.15	0
37490044+	37490009	3.26	4 3-	336 ACSR 18/1	1641	1595	1525	345	16	0	0	0.00	0.15	0
37390036+	37490044	3.28	3 1-	2 ACSR 6/1	0	0	1520	345	14	0	1	0.00	0.15	0
37390045+	37390036	3.32	2 1-	2 ACSR 6/1	0	0	1509	344	12	0	0	0.00	0.15	0
37390047+	37390045	3.36	1 1-	2 ACSR 6/1	0	0	1498	344	2	0	0	0.00	0.15	0
37390033+	37490044	3.40	1 3-	336 ACSR 18/1	1623	1575	1500	344	2	0	0	0.00	0.15	0
37390044+	37390033	3.45	0 3-	336 ACSR 18/1	1616	1568	1491	344	0	0	0	0.00	0.15	0
37-39-P008-B+	37390044	3.45	0 3-	Open	1616	1568	1491	344	0	0	0	0.00	0.15	0
37390032+	37390033	3.46	0 1-	2 ACSR 6/1	0	0	1485	344	0	0	0	0.00	0.11	0
D37-39-P026+	37390032	3.46	0 1-	REC-50-E	0	0	1485	344	0	0	0	0.00	0.11	0
37390034+	D37-39-P026	3.78	0 1-	2 ACSR 6/1	0	0	1405	339	0	0	0	0.00	0.11	0
37490043+	37490009	3.09	1 1-	2 ACSR 6/1	0	0	1552	346	9	0	0	0.00	0.11	0
CKT 1 total losses:		\$189												

SUB 50, CKT 2

BK5002+	PINE MNT(50)	0.00	11 3-	BK5002	2200	2277	2455	362	7049	159	84	0.00	0.00	0
37570060+	BK5002	0.07	11 3-	1/0 ACSR 6/1	2177	2251	2414	361	7049	159	69	0.10	0.10	511
37570061+	37570060	0.11	11 3-	1/0 ACSR 6/1	2166	2237	2392	361	7044	159	69	0.05	0.15	277
37570056+	37570061	0.16	11 3-	1/0 ACSR 6/1	2150	2219	2364	360	7042	159	69	0.07	0.22	369
37570070+	37570056	0.27	1 1-	2 ACSR 6/1	0	0	2300	359	0	0	0	0.00	0.22	0
37570078+	37570056	0.28	10 3-	336 ACSR 18/1	2124	2185	2315	360	7038	159	30	0.07	0.29	273
37570079+	37570078	0.33	9 3-	336 ACSR 18/1	2114	2171	2295	360	7030	158	30	0.03	0.31	116
37570055+	37570079	0.38	7 3-	336 ACSR 18/1	2103	2157	2275	359	7018	158	30	0.03	0.34	113
37570073+	37570055	0.42	5 3-	336 ACSR 18/1	2095	2146	2260	359	7006	158	30	0.02	0.36	93
37570090+	37570073	0.65	2 3-	336 ACSR 18/1	2051	2088	2178	358	6991	158	30	0.12	0.48	498
37570075+	37570090	0.68	2 3-	336 ACSR 18/1	2043	2079	2164	358	6986	158	30	0.02	0.50	87
37570009+	37570075	0.72	2 3-	336 ACSR 18/1	2036	2069	2151	358	6985	158	30	0.02	0.52	88
37570094+	37570009	0.93	2 3-	336 ACSR 18/1	1996	2018	2080	357	6982	166	31	0.14	0.67	523
37470004+	37570094	0.94	2 3-	336 ACSR 18/1	1995	2017	2078	357	6977	166	31	0.00	0.67	16
37-47-P002-B+	37470004	0.94	2 3-	Closed	1995	2017	2078	357	6977	166	0	0.00	0.67	0
37-47-P002-A+	37-47-P002-B	0.94	2 3-	Closed	1995	2017	2078	357	6977	166	0	0.00	0.67	0
37470003+	37-47-P002-A	2.22	2 3-	336 ACSR 18/1	1783	1759	1733	350	6977	166	31	0.87	1.54	3173
37370005+	37470003	2.53	2 3-	336 ACSR 18/1	1738	1707	1666	349	6947	166	31	0.21	1.75	770
37250004+	37370005	5.50	2 3-	266 ACSR 18/1	1331	1270	1139	330	6940	166	36	2.53	4.28	9357
37250019+	37250004	5.57	2 3-	4/0 ACSR 6/1	1323	1261	1130	329	6853	166	49	0.07	4.35	305
37250020+	37250019	5.88	2 3-	4/0 ACSR 6/1	1292	1229	1095	327	6850	166	49	0.29	4.64	1213
37250018+	37250020	5.93	2 3-	4/0 ACSR 6/1	1287	1224	1089	327	6839	166	49	0.05	4.69	213
37250017+	37250018	6.04	2 3-	4/0 ACSR 6/1	1276	1213	1077	326	6837	166	49	0.10	4.79	431

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37250016+	37250017	6.14	2 3-	4/0 ACSR 6/1	1267	1203	1066	325	6833	166	49	0.09	4.88	386
37250015+	37250016	6.20	2 3-	4/0 ACSR 6/1	1260	1196	1059	325	6829	166	49	0.06	4.95	266
37240025+	37250015	6.21	2 3-	1/0 ACSR 6/1	1260	1196	1058	325	6827	166	72	0.01	4.96	52
37-24-P044-B+	37240025	6.21	2 3-	Closed	1260	1196	1058	325	6826	166	0	0.00	4.96	0
37-24-P044-A+	37-24-P044-B	6.21	2 3-	Closed	1260	1196	1058	325	6826	166	0	0.00	4.96	0
20851018+	37-24-P044-A	20.49	2 3-	4/0 ACSR 6/1	1234	1169	1030	323	6826	166	49	0.26	5.22	1102
20851019+	20851018	6.53	2 3-	4/0 ACSR 6/1	1230	1165	1026	323	6816	166	49	0.04	5.26	168
20851207+	20851019	6.66	2 3-	4/0 ACSR 6/1	1219	1153	1013	322	6814	166	49	0.12	5.38	519
20851021+	20851207	6.74	2 3-	4/0 ACSR 6/1	1212	1147	1006	321	6809	166	49	0.07	5.45	297
37240015+	20851021	7.12	2 3-	4/0 ACSR 6/1	1179	1113	970	319	6807	166	49	0.37	5.82	1547
37240024+	37240015	7.81	2 3-	4/0 ACSR 6/1	1125	1057	913	314	6792	166	49	0.64	6.46	2722
37140031+	37240024	8.09	0 3-	4/0 ACSR 6/1	1104	1036	891	312	0	0	0	0.00	6.46	0
REG3+	37140031	8.09	0 3-	333	1104	1036	891	312	0	0	0	-6.46	0.00	0
OH2+	REG3	8.20	0 3-	4/0 ACSR 6/1	1096	1029	883	311	0	0	0	0.00	0.00	0
37-14-P022-B+	OH2	8.20	0 3-	Closed	1096	1029	883	311	0	0	0	0.00	0.00	0
37-14-P022-A+	37-14-P022-B	8.20	0 3-	Closed	1096	1029	883	311	0	0	0	0.00	0.00	0
37140030+	37-14-P022-A	10.01	0 3-	4/0 ACSR 6/1	979	911	766	300	0	0	0	0.00	0.00	0
37-03-P031-B+	37140030	10.01	0 3-	Closed	979	911	766	300	0	0	0	0.00	0.00	0
37-03-P031-A+	37-03-P031-B	10.01	0 3-	Closed	979	911	766	300	0	0	0	0.00	0.00	0
37030009+	37-03-P031-A	11.53	0 3-	4/0 ACSR 6/1	899	832	690	290	0	0	0	0.00	0.00	0
37120031+	37030009	12.69	0 3-	4/0 ACSR 6/1	845	780	641	283	0	0	0	0.00	0.00	0
32920002+	37120031	12.79	0 3-	4/0 ACSR 6/1	841	776	637	283	0	0	0	0.00	0.00	0
37120016+	37030009	11.55	0 3-	4/0 ACSR 6/1	898	831	689	290	0	0	0	0.00	0.00	0
37-12-P062-B+	37120016	11.55	0 3-	Closed	898	831	689	290	0	0	0	0.00	0.00	0
37-12-P062-A+	37-12-P062-B	11.55	0 3-	Closed	898	831	689	290	0	0	0	0.00	0.00	0
37120033+	37-12-P062-A	11.60	0 3-	4/0 ACSR 6/1	895	829	687	290	0	0	0	0.00	0.00	0
37120020+	37120033	11.84	0 3-	4/0 ACSR 6/1	884	817	676	289	0	0	0	0.00	0.00	0
37-12-P052-B+	37120020	11.84	0 3-	Open	884	817	676	289	0	0	0	0.00	0.00	0
20850416+	37240024	8.24	2 3-	4/0 ACSR 6/1	1093	1025	880	311	6767	166	49	0.40	6.86	1724
37470010+	20850416	8.24	2 3-	Consumer	1093	1025	880	311	6751	166	0	0.00	6.86	0
37240011+	37240015	7.17	0 3-	2 ACSR 6/1	1174	1107	965	318	0	0	0	0.00	5.82	0
37240014+	20851021	6.85	0 3-	2 ACSR 6/1	1198	1132	991	320	0	0	0	0.00	5.45	0
20851020+	20851207	6.79	0 1-	2 ACSR 6/1	0	0	997	320	0	0	0	0.00	5.38	0
37240013+	20851020	6.84	0 1-	2 ACSR 6/1	0	0	991	319	0	0	0	0.00	5.38	0
20851125+	20851020	6.82	0 1-	2 ACSR 6/1	0	0	993	320	0	0	0	0.00	5.38	0
20851022+	20851207	6.82	0 3-	4/0 ACSR 6/1	1205	1139	998	321	0	0	0	0.00	5.38	0
D37-24-P071+	20851022	6.82	0 3-	FUS-70	1205	1139	998	321	0	0	0	0.00	5.38	0
37240016+	D37-24-P071	6.85	0 3-	4/0 ACSR 6/1	1202	1136	995	320	0	0	0	0.00	5.38	0
37370004+	37370005	2.59	0 1-	2 ACSR 6/1	0	0	1647	348	0	0	0	0.00	1.75	0
37570006+	37570009	1.92	0 3-	336 ACSR 18/1	1829	1813	1804	352	3	-29	5	-0.18	0.34	96
D37-48-P012+	37570006	1.92	0 3-	REC-70	1829	1813	1804	352	2	-29	0	0.00	0.34	0
37480010+	D37-48-P012	2.00	0 3-	336 ACSR 18/1	1815	1797	1782	351	2	-29	5	-0.01	0.33	7
37480009+	37480010	2.21	0 3-	336 ACSR 18/1	1785	1761	1735	350	2	-29	5	-0.03	0.30	16
37-58-P001-B+	37480009	2.21	0 3-	Closed	1785	1761	1735	350	2	-29	0	0.00	0.30	0
37-58-P001-A+	37-58-P001-B	2.21	0 3-	Closed	1785	1761	1735	350	2	-29	0	0.00	0.30	0
37580002+	37-58-P001-A	2.99	0 3-	1/0 ACSR 6/1	1624	1582	1519	342	2	-29	13	-0.16	0.13	215
C37-59-P4+	37580002	2.99	0 3-	Capacitor	1624	1582	1519	342	0	-29	0	0.00	0.13	0
37590073+	37580002	3.41	0 3-	1/0 ACSR 6/1	1546	1497	1421	338	0	0	0	0.00	0.13	0
37-69-P006-A+	37590073	3.41	0 3-	Open	1546	1497	1421	338	0	0	0	0.00	0.13	0
37570092+	37570073	0.48	3 1-	2 ACSR 6/1	0	0	2228	358	14	0	1	0.00	0.37	0
37570093+	37570092	0.55	1 1-	2 ACSR 6/1	0	0	2193	357	3	0	0	0.00	0.37	0
37570091+	37570092	0.54	1 1-	2 ACSR 6/1	0	0	2195	357	6	0	0	0.00	0.37	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CKT 2 total losses:		\$27,543												
SUB 50, CKT 3														
BK5003+	PINE MNT(50)	0.00	146 3-	BK5003	2200	2277	2455	362	616	30	8	0.00	0.00	0
37570063+	BK5003	0.05	146 3-	1/0 ACSR 6/1	2185	2259	2427	362	616	30	13	0.00	0.00	13
C37-57-P75+	37570063	0.05	0 3-	Capacitor	2185	2259	2427	362	0	-29	0	0.00	0.00	0
37570062+	37570063	0.09	146 3-	1/0 ACSR 6/1	2172	2245	2404	361	616	13	6	0.01	0.00	3
37570057+	37570062	0.14	144 3-	1/0 ACSR 6/1	2157	2227	2376	361	607	13	6	0.01	0.01	3
37570011+	37570057	0.22	143 3-	1/0 ACSR 6/1	2132	2199	2333	360	602	13	6	0.01	0.01	5
375700071+	37570011	0.27	0 1-	2 ACSR 6/1	0	0	2304	359	0	0	0	0.00	-0.01	0
37570009+	37570011	0.29	142 3-	1/0 ACSR 6/1	2110	2173	2295	359	594	13	6	0.01	0.02	4
375700067+	37570069	0.34	141 3-	1/0 ACSR 6/1	2094	2154	2266	358	588	13	6	0.01	0.03	3
375700068+	37570067	0.37	1 1-	2 ACSR 6/1	0	0	2249	358	3	0	0	0.00	0.00	0
375700066+	37570067	0.39	1 1-	2 ACSR 6/1	0	0	2239	358	5	0	0	0.00	0.04	0
375700065+	37570067	0.41	8 1-	2 ACSR 6/1	0	0	2227	357	38	2	1	0.00	0.05	0
375700054+	37570065	0.44	6 1-	2 ACSR 6/1	0	0	2212	357	29	1	1	0.00	0.05	0
375700053+	37570054	0.48	2 1-	2 ACSR 6/1	0	0	2188	356	11	0	0	0.00	0.05	0
375700064+	37570054	0.47	2 1-	2 ACSR 6/1	0	0	2194	356	15	0	1	0.00	0.05	0
375700080+	37570067	0.42	130 3-	1/0 ACSR 6/1	2072	2128	2229	358	541	12	5	0.01	0.04	4
375700081+	37570080	0.46	129 3-	1/0 ACSR 6/1	2059	2112	2206	357	536	11	5	0.01	0.04	2
D37-57-P006+	37570081	0.46	129 3-	FUS-35	2059	2112	2206	357	536	11	44	0.00	0.04	0
37570008+	D37-57-P006	0.53	128 3-	1/0 ACSR 6/1	2040	2090	2175	356	536	11	5	0.01	0.05	3
375700087+	37570008	0.58	123 3-	1/0 ACSR 6/1	2026	2073	2151	356	514	11	5	0.01	0.05	2
375700086+	37570087	0.63	7 1-	2 ACSR 6/1	0	0	2123	355	28	1	1	0.00	0.07	0
375700072+	37570086	0.68	5 1-	2 ACSR 6/1	0	0	2097	354	28	1	1	0.00	0.08	0
37560048+	37570072	0.74	4 1-	2 ACSR 6/1	0	0	2069	353	20	1	1	0.00	0.08	0
37560072+	37560048	0.83	1 1-	2 ACSR 6/1	0	0	2023	352	8	0	0	0.00	0.08	0
37560053+	37560048	0.78	2 1-	2 ACSR 6/1	0	0	2047	353	6	0	0	0.00	0.08	0
37570085+	37570087	0.66	115 3-	1/0 ACSR 6/1	2001	2043	2110	355	482	10	5	0.01	0.06	4
37560050+	37570085	0.74	113 3-	1/0 ACSR 6/1	1981	2018	2076	354	472	10	5	0.01	0.07	3
37560049+	37560050	0.82	1 1-	2 ACSR 6/1	0	0	2035	353	6	0	0	0.00	0.09	0
37560064+	37560050	0.79	112 3-	1/0 ACSR 6/1	1967	2002	2054	354	465	10	5	0.00	0.07	2
37560065+	37560064	0.88	111 3-	1/0 ACSR 6/1	1943	1973	2017	353	461	10	4	0.01	0.08	4
37560057+	37560065	0.97	108 3-	1/0 ACSR 6/1	1918	1943	1977	352	446	9	4	0.01	0.09	4
37560069+	37560057	1.06	104 3-	1/0 ACSR 6/1	1895	1915	1940	351	428	9	4	0.01	0.09	4
37560071+	37560069	1.13	2 1-	2 ACSR 6/1	0	0	1913	350	8	0	0	0.00	0.00	0
37560067+	37560071	1.19	1 1-	2 ACSR 6/1	0	0	1887	349	7	0	0	0.00	0.00	0
37560070+	37560069	1.11	99 3-	1/0 ACSR 6/1	1882	1900	1920	350	416	9	4	0.00	0.10	2
37560061+	37560070	1.19	90 3-	1/0 ACSR 6/1	1864	1878	1893	349	353	7	3	0.01	0.10	8
D37-56-P009+	37560061	1.19	4 1-	FUS-25	0	0	1893	349	9	0	3	0.00	0.12	0
37560080+	D37-56-P009	1.21	4 1-	2 ACSR 6/1	0	0	1884	349	9	0	0	0.00	0.12	0
37560078+	37560080	1.64	4 1-	2 ACSR 6/1	0	0	1713	343	9	0	0	0.00	0.13	0
37560079+	37560078	1.82	4 1-	2 ACSR 6/1	0	0	1649	340	9	0	0	0.00	0.13	0
37560077+	37560079	1.88	4 1-	2 ACSR 6/1	0	0	1627	339	9	0	0	0.00	0.13	0
37560008+	37560077	2.53	4 1-	2 ACSR 6/1	0	0	1429	330	9	0	0	0.01	0.13	0
37460005+	37560008	2.58	2 1-	2 ACSR 6/1	0	0	1415	329	8	0	0	0.00	0.13	0
37460003+	37560008	2.72	2 1-	2 ACSR 6/1	0	0	1379	327	1	0	0	0.00	0.13	0
37560062+	37560061	1.27	85 3-	1/0 ACSR 6/1	1843	1853	1861	348	340	7	3	0.01	0.11	2
37560055+	37560062	1.32	2 1-	2 ACSR 6/1	0	0	1843	348	7	0	0	0.00	0.13	0
37560009+	37560062	1.36	83 3-	1/0 ACSR 6/1	1822	1829	1830	348	333	7	3	0.01	0.11	2
37560047+	37560009	1.41	1 1-	2 ACSR 6/1	0	0	1808	347	1	0	0	0.00	0.13	0
37560044+	37560009	1.43	82 3-	1/0 ACSR 6/1	1803	1807	1803	347	332	7	3	0.00	0.12	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37560054+	37560044	1.49	1 1-	2 ACSR 6/1	0	0	1783	346	2	0	0	0.00	0.14	0
37560045+	37560044	1.51	80 3-	1/0 ACSR 6/1	1786	1786	1777	346	329	7	3	0.00	0.12	2
37560075+	37560045	1.56	75 3-	1/0 ACSR 6/1	1774	1772	1761	345	308	6	3	0.00	0.12	0
37560076+	37560075	1.62	74 3-	1/0 ACSR 6/1	1759	1755	1739	345	301	6	3	0.00	0.13	1
37560052+	37560076	1.86	74 3-	1/0 ACSR 6/1	1707	1693	1665	342	301	6	3	0.01	0.14	5
37550005+	37560052	1.94	73 3-	1/0 ACSR 6/1	1690	1674	1642	341	296	6	3	0.00	0.15	1
37550006+	37550005	2.02	71 3-	1/0 ACSR 6/1	1673	1654	1618	341	283	6	3	0.00	0.15	1
37550008+	37550006	2.11	68 3-	1/0 ACSR 6/1	1655	1633	1594	340	268	5	3	0.01	0.15	1
37550015+	37550008	2.22	68 3-	1/0 ACSR 6/1	1631	1606	1561	339	268	5	3	0.01	0.16	2
37560006+	37550015	2.46	66 3-	1/0 ACSR 6/1	1585	1553	1501	336	261	5	3	0.01	0.17	3
37560021+	37560006	2.55	65 3-	1/0 ACSR 6/1	1568	1534	1479	335	259	5	3	0.00	0.18	1
37560020+	37560021	2.62	2 1-	2 ACSR 6/1	0	0	1458	334	7	0	0	0.00	0.20	0
37560007+	37560021	2.87	63 3-	1/0 ACSR 6/1	1510	1468	1404	332	252	5	2	0.02	0.19	5
37560018+	37560007	2.92	1 1-	2 ACSR 6/1	0	0	1391	331	2	0	0	0.00	0.22	0
37560008+	37560007	3.02	62 3-	1/0 ACSR 6/1	1485	1441	1374	331	250	5	2	0.01	0.20	2
37560019+	37560008	3.07	0 1-	2 ACSR 6/1	0	0	1359	330	0	0	0	0.00	-0.03	0
37560005+	37560008	3.15	62 3-	1/0 ACSR 6/1	1463	1416	1346	329	250	5	2	0.01	0.20	2
37-64-P023-B+	37560005	3.15	62 3-	Closed	1463	1416	1346	329	250	5	0	0.00	0.20	0
37-64-P023-A+	37-64-P023-B	3.15	62 3-	Closed	1463	1416	1346	329	250	5	0	0.00	0.20	0
37640004+	37-64-P023-A	3.22	62 3-	1/0 ACSR 6/1	1452	1404	1333	329	250	5	2	0.00	0.21	0
37640023+	37640004	3.28	1 1-	2 ACSR 6/1	0	0	1318	328	9	0	0	0.00	0.24	0
37640005+	37640004	3.26	61 3-	1/0 ACSR 6/1	1444	1395	1323	328	241	5	2	0.00	0.21	0
37640024+	37640005	3.32	2 1-	2 ACSR 6/1	0	0	1311	327	3	0	0	0.00	-0.03	0
37640021+	37640005	3.35	59 3-	1/0 ACSR 6/1	1429	1379	1306	327	238	5	2	0.00	0.21	1
37640022+	37640021	3.63	58 3-	1/0 ACSR 6/1	1386	1332	1254	325	234	5	2	0.01	0.22	4
37640032+	37640022	3.69	2 1-	2 ACSR 6/1	0	0	1243	324	7	0	0	0.00	0.25	0
37640020+	37640032	3.72	1 1-	2 ACSR 6/1	0	0	1237	323	6	0	0	0.00	0.25	0
37640030+	37640022	3.79	56 3-	1/0 ACSR 6/1	1363	1307	1227	323	228	5	2	0.01	0.23	2
37640031+	37640030	3.99	55 3-	1/0 ACSR 6/1	1335	1277	1195	321	223	4	2	0.01	0.24	2
37640029+	37640031	4.05	1 1-	2 ACSR 6/1	0	0	1182	320	5	0	0	0.00	0.27	0
37640006+	37640031	4.20	54 3-	1/0 ACSR 6/1	1305	1244	1160	319	218	4	2	0.01	0.25	3
37640027+	37640006	4.25	53 3-	1/0 ACSR 6/1	1299	1238	1153	319	215	4	2	0.00	0.25	0
37640028+	37640027	4.44	52 3-	1/0 ACSR 6/1	1274	1212	1126	317	213	4	2	0.01	0.26	2
37630024+	37640028	4.53	50 3-	1/0 ACSR 6/1	1263	1200	1113	316	204	4	2	0.00	0.26	0
37630025+	37630024	4.60	50 3-	1/0 ACSR 6/1	1254	1190	1103	315	204	4	2	0.00	0.26	0
37630026+	37630025	4.66	48 3-	1/0 ACSR 6/1	1247	1183	1095	315	198	4	2	0.00	0.27	0
37630027+	37630026	4.66	46 3-	1/0 ACSR 6/1	1246	1181	1094	315	184	4	2	0.00	0.27	0
37-63-P031-B+	37630027	4.66	46 3-	Closed	1246	1181	1094	315	184	4	0	0.00	0.27	0
37-63-P031-A+	37-63-P031-B	4.66	46 3-	Closed	1246	1181	1094	315	184	4	0	0.00	0.27	0
37630006+	37-63-P031-A	4.72	46 3-	1/0 ACSR 6/1	1239	1175	1087	314	184	4	2	0.00	0.27	0
37630023+	37630006	4.73	3 3-	4/0 ACSR 6/1	1238	1173	1085	314	13	0	0	0.00	0.27	0
37630022+	37630023	4.81	2 3-	4/0 ACSR 6/1	1231	1165	1077	314	7	0	0	0.00	0.27	0
37630021+	37630022	5.27	1 3-	4/0 ACSR 6/1	1189	1121	1027	311	1	0	0	0.00	0.27	0
37730076+	37630021	5.31	1 3-	4/0 ACSR 6/1	1186	1118	1024	311	1	0	0	0.00	0.27	0
37730002+	37630021	5.46	0 3-	1/0 ACSR 6/1	1168	1100	1005	309	0	0	0	0.00	0.27	0
37-73-P002-A+	37730002	5.46	0 3-	Open	1168	1100	1005	309	0	0	0	0.00	0.27	0
37630028+	37630006	4.75	43 3-	4/0 ACSR 6/1	1237	1172	1084	314	172	3	1	0.00	0.27	0
37630030+	37630028	4.78	43 3-	4/0 ACSR 6/1	1233	1168	1080	314	172	3	1	0.00	0.27	0
D37-63-P016+	37630030	4.78	40 3-	ER3-WVE-280/140	1233	1168	1080	314	158	3	0	0.00	0.27	0
37630034+	D37-63-P016	5.19	40 3-	4/0 ACSR 6/1	1197	1129	1036	311	158	3	1	0.01	0.28	2
37630033+	37630034	5.29	38 3-	4/0 ACSR 6/1	1188	1120	1026	311	149	3	1	0.00	0.28	0
37630031+	37630033	5.33	38 3-	4/0 ACSR 6/1	1184	1116	1021	311	149	3	1	0.00	0.28	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37630032+	37630031	6.74	37 3-	4/0 ACSR 6/1	1074	1002	897	302	143	3	1	0.02	0.30	6
37520002+	37630032	7.91	37 3-	4/0 ACSR 6/1	997	925	815	295	143	3	1	0.02	0.32	5
37420003+	37520002	8.18	37 3-	4/0 ACSR 6/1	981	909	798	294	143	3	1	0.00	0.32	1
37420004+	37420003	8.67	37 3-	4/0 ACSR 6/1	953	881	770	291	143	3	1	0.01	0.33	2
37320002+	37420004	8.70	37 3-	4/0 ACSR 6/1	952	879	768	291	143	3	1	0.00	0.33	0
37320020+	37320021	8.76	1 1-	2 ACSR 6/1	0	0	763	290	3	0	0	0.00	0.34	0
37320019+	37320021	8.71	36 3-	4/0 ACSR 6/1	951	879	767	290	140	3	1	0.00	0.33	0
37320018+	37320019	8.80	36 3-	4/0 ACSR 6/1	946	874	762	290	140	3	1	0.00	0.33	0
37320008+	37320018	9.29	36 3-	4/0 ACSR 6/1	920	848	736	287	140	3	1	0.01	0.33	2
37320011+	37320008	9.31	1 3-	2 ACSR 6/1	918	846	734	287	7	0	0	0.00	0.33	0
D37-32-P039+	37320011	9.31	0 3-	FUS-100	918	846	734	287	0	0	0	0.00	0.33	0
37320010+	37320008	9.50	35 3-	4/0 ACSR 6/1	909	838	725	286	133	2	1	0.00	0.34	0
37220001+	37320010	9.59	0 3-	4/0 ACSR 6/1	905	833	720	285	0	0	0	0.00	0.34	0
37220002+	37220001	9.69	0 3-	4/0 ACSR 6/1	899	828	715	285	0	0	0	0.00	0.34	0
20851011+	37320010	10.02	35 3-	4/0 ACSR 6/1	884	812	700	283	133	2	1	0.01	0.34	2
20851012+	20851011	10.52	33 3-	4/0 ACSR 6/1	860	789	677	280	130	2	1	0.01	0.35	2
20851015+	20851012	10.57	33 3-	4/0 ACSR 6/1	858	787	674	280	130	2	1	0.00	0.35	0
20851016+	20851015	10.65	33 3-	4/0 ACSR 6/1	854	784	671	280	130	2	1	0.00	0.35	0
20850755+	20851016	10.69	1 1-	2 ACSR 6/1	0	0	669	279	4	0	0	0.00	-0.21	0
37120017+	20851016	10.73	32 3-	4/0 ACSR 6/1	851	781	668	279	126	2	1	0.00	0.35	0
20850753+	37120017	10.74	32 3-	4/0 ACSR 6/1	850	780	667	279	126	2	1	0.00	0.35	0
20850754+	20850753	11.01	31 3-	4/0 ACSR 6/1	838	768	656	278	125	2	1	0.00	0.36	1
37120015+	20850754	11.17	31 3-	4/0 ACSR 6/1	832	762	649	277	125	2	1	0.00	0.36	0
37-12-P001-B+	37120015	11.17	31 3-	Closed	832	762	649	277	125	2	0	0.00	0.36	0
37-12-P001-A+	37-12-P001-B	11.17	31 3-	Closed	832	762	649	277	125	2	0	0.00	0.36	0
37120014+	37-12-P001-A	11.32	31 3-	4/0 ACSR 6/1	825	756	643	276	125	2	1	0.00	0.36	0
36190002+	37120014	11.37	31 3-	4/0 ACSR 6/1	823	754	641	276	125	2	1	0.00	0.36	0
36190006+	36190002	12.80	31 3-	4/0 ACSR 6/1	768	701	589	268	125	2	1	0.02	0.38	6
36090016+	36190006	12.89	28 1-	2 ACSR 6/1	0	0	585	267	119	8	4	0.01	1.03	0
D31-99-P012+	36090016	12.89	26 1-	REC-35-E	0	0	585	267	117	7	23	0.00	1.03	0
31990007+	D31-99-P012	13.13	26 1-	2 ACSR 6/1	0	0	574	265	117	7	4	0.03	1.06	3
36090015+	31990007	13.18	26 1-	2 ACSR 6/1	0	0	572	264	117	7	4	0.01	1.07	0
36090022+	36090015	13.33	26 1-	2 ACSR 6/1	0	0	565	263	117	7	4	0.02	1.08	2
36090023+	36090022	13.42	25 1-	2 ACSR 6/1	0	0	561	262	113	7	4	0.01	1.09	0
36090014+	36090023	13.46	24 1-	2 ACSR 6/1	0	0	559	262	112	7	4	0.00	1.10	0
36090019+	36090014	13.48	23 1-	2 ACSR 6/1	0	0	559	261	111	7	4	0.00	1.10	0
36-09-P001-B+	36090019	13.48	23 1-	Closed	0	0	559	261	111	7	0	0.00	1.10	0
36-09-P001-A+	36-09-P001-B	13.48	23 1-	Closed	0	0	559	261	111	7	0	0.00	1.10	0
36090024+	36-09-P001-A	14.27	23 1-	2 ACSR 6/1	0	0	527	254	111	7	4	0.09	1.19	8
31990008+	36090024	14.39	22 1-	2 ACSR 6/1	0	0	522	253	107	7	4	0.01	1.20	1
D31-89-P021+	31990008	14.39	15 1-	FUS-15	0	0	522	253	80	5	41	0.00	1.20	0
31890025+	D31-89-P021	14.44	15 1-	2 ACSR 6/1	0	0	520	253	80	5	3	0.00	1.21	0
31890026+	31890025	14.47	14 1-	2 ACSR 6/1	0	0	519	252	73	4	3	0.00	1.21	0
31-89-P025-B+	31890026	14.47	14 1-	Closed	0	0	519	252	73	4	0	0.00	1.21	0
31-89-P025-A+	31-89-P025-B	14.47	14 1-	Closed	0	0	519	252	73	4	0	0.00	1.21	0
31890004+	31-89-P025-A	14.57	14 1-	2 ACSR 6/1	0	0	515	251	73	4	3	0.01	1.22	0
31-89-P010-B+	31890004	14.57	14 1-	Closed	0	0	515	251	73	4	0	0.00	1.22	0
31-89-P010-A+	31-89-P010-B	14.57	14 1-	Closed	0	0	515	251	73	4	0	0.00	1.22	0
31890003+	31-89-P010-A	14.59	14 1-	2 ACSR 6/1	0	0	515	251	73	4	3	0.00	1.22	0
D31-89-P010+	31890003	14.59	9 1-	FUS	0	0	515	251	47	3	72	0.00	1.22	0
31890023+	D31-89-P010	14.65	9 1-	2 ACSR 6/1	0	0	512	251	47	3	2	0.00	1.22	0
31890024+	31890023	14.74	6 1-	2 ACSR 6/1	0	0	509	250	23	1	1	0.00	1.22	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
31890034+	31890024	14.84	5 1-	2 ACSR	6/1	0	0	505	249	22	1	1	0.00	1.22	0
31890037+	31890034	14.91	4 1-	2 ACSR	6/1	0	0	503	248	13	0	0	0.00	1.22	0
31890038+	31890037	14.95	3 1-	2 ACSR	6/1	0	0	501	248	9	0	0	0.00	1.22	0
31890040+	31890038	15.00	3 1-	2 ACSR	6/1	0	0	500	248	9	0	0	0.00	1.22	0
31890031+	31890040	15.13	2 1-	2 ACSR	6/1	0	0	495	247	8	0	0	0.00	1.23	0
31890039+	31890031	15.18	1 1-	2 ACSR	6/1	0	0	494	246	2	0	0	0.00	1.23	0
31890029+	31890023	14.75	1 1-	2 ACSR	6/1	0	0	509	250	11	0	0	0.00	1.22	0
31890027+	31890003	14.77	5 1-	2 ACSR	6/1	0	0	508	250	26	1	1	0.00	1.22	0
31890028+	31890027	14.93	4 1-	2 ACSR	6/1	0	0	502	248	17	1	1	0.00	1.22	0
31890030+	31890028	14.98	1 1-	2 ACSR	6/1	0	0	501	248	6	0	0	0.00	1.22	0
31890035+	31890028	15.13	3 1-	2 ACSR	6/1	0	0	495	247	11	0	0	0.00	1.22	0
31890036+	31890035	15.40	1 1-	2 ACSR	6/1	0	0	486	244	0	0	0	0.00	1.22	0
D31-89-P021A+	31990008	14.39	6 1-	FUS-15		0	0	522	253	26	1	13	0.00	1.20	0
31890032+	D31-89-P021A	14.47	6 1-	2 ACSR	6/1	0	0	519	252	26	1	1	0.00	1.20	0
31990010+	31890032	14.51	5 1-	2 ACSR	6/1	0	0	517	252	19	1	1	0.00	1.20	0
31980008+	31990010	14.57	5 1-	2 ACSR	6/1	0	0	515	251	19	1	1	0.00	1.21	0
31980011+	31980008	14.72	4 1-	2 ACSR	6/1	0	0	510	250	15	0	1	0.00	1.21	0
31980010+	31980011	14.95	2 1-	2 ACSR	6/1	0	0	501	248	3	0	0	0.00	1.21	0
31980009+	31980010	15.00	2 1-	2 ACSR	6/1	0	0	500	248	3	0	0	0.00	1.21	0
31980007+	31980009	15.18	1 1-	2 ACSR	6/1	0	0	494	246	3	0	0	0.00	1.21	0
31980012+	31980011	14.77	1 1-	2 ACSR	6/1	0	0	508	250	3	0	0	0.00	1.21	0
31990009+	31890032	14.52	0 1-	2 ACSR	6/1	0	0	517	252	0	0	0	0.00	1.20	0
D31-99-P012A+	36090016	12.89	1 1-	REC-35-E		0	0	585	267	0	0	0	0.00	1.03	0
31990011+	D31-99-P012A	13.06	1 1-	2 ACSR	6/1	0	0	577	265	0	0	0	0.00	1.03	0
36090018+	36190006	12.84	2 1-	2 ACSR	6/1	0	0	587	268	6	0	0	0.00	-0.27	0
36090017+	36190006	13.00	1 3-	4/0 ACSR	6/1	761	694	583	267	0	0	0	0.00	0.38	0
D36-09-P033+	36090017	13.00	0 3-	ER3-RVE-200/100		761	694	583	267	0	0	0	0.00	0.38	0
36090020+	D36-09-P033	13.00	0 3-	4/0 ACSR	6/1	760	694	583	267	0	0	0	0.00	0.38	0
36-09-P042-B+	36090020	13.00	0 3-	Closed		760	694	583	267	0	0	0	0.00	0.38	0
36-09-P042-A+	36-09-P042-B	13.00	0 3-	Closed		760	694	583	267	0	0	0	0.00	0.38	0
36090021+	36-09-P042-A	13.01	0 3-	4/0 ACSR	6/1	760	693	582	267	0	0	0	0.00	0.38	0
36190007+	36190002	11.44	0 1-	2 ACSR	6/1	0	0	637	275	0	0	0	0.00	0.38	0
36190008+	36190007	11.46	0 1-	2 ACSR	6/1	0	0	637	275	0	0	0	0.00	0.38	0
37120018+	20850754	11.09	0 3-	4/0 ACSR	6/1	835	765	653	277	0	0	0	0.00	0.36	0
37-12-P052-A+	37120018	11.09	0 3-	Open		835	765	653	277	0	0	0	0.00	0.36	0
20851014+	20851015	10.64	0 1-	2 ACSR	6/1	0	0	671	279	0	0	0	0.00	0.37	0
20851013+	20851012	10.62	0 1-	2 ACSR	6/1	0	0	671	279	0	0	0	0.00	-0.21	0
37320009+	37320008	9.30	0 1-	2 ACSR	6/1	0	0	735	287	0	0	0	0.00	0.35	0
37320007+	37320018	8.85	0 1-	2 ACSR	6/1	0	0	758	289	0	0	0	0.00	0.34	0
37630029+	37630030	4.80	2 1-	2 ACSR	6/1	0	0	1076	314	10	0	0	0.00	-0.05	0
37630005+	37630024	4.58	0 1-	2 ACSR	6/1	0	0	1104	315	0	0	0	0.00	-0.05	0
376400025+	37640006	4.25	1 1-	2 ACSR	6/1	0	0	1153	319	3	0	0	0.00	0.27	0
37650016+	37650015	2.28	2 1-	2 ACSR	6/1	0	0	1544	338	7	0	0	0.00	0.19	0
37650017+	37650016	2.32	1 1-	2 ACSR	6/1	0	0	1531	337	0	0	0	0.00	0.19	0
37550007+	37560052	1.93	1 1-	2 ACSR	6/1	0	0	1643	341	5	0	0	0.00	-0.01	0
37560046+	37560045	1.54	2 1-	2 ACSR	6/1	0	0	1767	346	12	0	0	0.00	0.23	0
375600060+	37560070	1.15	7 1-	2 ACSR	6/1	0	0	1905	350	48	3	2	0.00	0.18	0
37560058+	37560060	1.19	6 1-	2 ACSR	6/1	0	0	1886	349	46	3	2	0.00	0.18	0
37560059+	37560058	1.23	4 1-	2 ACSR	6/1	0	0	1870	348	29	1	1	0.00	0.18	0
37560056+	37560059	1.25	0 1-	2 ACSR	6/1	0	0	1860	348	0	0	0	0.00	0.18	0
37560010+	37560059	1.27	3 1-	2 ACSR	6/1	0	0	1855	348	19	1	1	0.00	0.18	0
37560073+	37560010	1.31	2 1-	2 ACSR	6/1	0	0	1836	347	8	0	0	0.00	0.18	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 51	BLED50E(51)														
SUB 51,	CKT 1	891			2659	2715	2843	366	6245						
	BK5101+	BLED50E(51)	0.00	717 3-	BK5101	2659	2715	2843	366	3493	77 43	0.00	0.00	0	
	36880011+	BK5101	0.01	717 3-	1/0 ACSR 6/1	2653	2707	2832	366	3493	77 33	0.01	0.01	26	
	36880012+	36880011	0.04	717 3-	1/0 ACSR 6/1	2640	2693	2810	365	3492	77 33	0.02	0.02	51	
D36-88-P010A+	36880012	36880012	0.04	1 1-	FUS	0	0	2810	365	6	0 8	0.00	0.03	0	
	36880053+	D36-88-P010A	0.15	1 1-	2 ACSR 6/1	0	0	2725	364	6	0 0	0.00	0.03	0	
D36-88-P010+	36880012	36880012	0.04	0 1-	FUS	0	0	2810	365	0	0 0	0.00	0.02	0	
	36880050+	D36-88-P010	0.08	0 1-	2 ACSR 6/1	0	0	2780	365	0	0 0	0.00	0.02	0	
	36880013+	36880012	0.20	716 3-	1/0 ACSR 6/1	2571	2616	2694	364	3486	76 33	0.12	0.11	280	
D36-88-P014+	36880013	36880013	0.20	2 1-	FUS	0	0	2694	364	11	0 16	0.00	0.10	0	
	36880051+	D36-88-P014	0.25	2 1-	2 ACSR 6/1	0	0	2656	363	11	0 0	0.00	0.10	0	
	36880014+	36880013	0.26	714 3-	1/0 ACSR 6/1	2547	2589	2655	363	3473	76 33	0.04	0.15	98	
D36-88-P034+	36880014	36880014	0.26	1 1-	FUS	0	0	2655	363	1	0 2	0.00	0.11	0	
	36880052+	D36-88-P034	0.32	1 1-	2 ACSR 6/1	0	0	2613	362	1	0 0	0.00	0.11	0	
	36880019+	36880014	0.30	713 3-	1/0 ACSR 6/1	2530	2569	2627	363	3471	76 33	0.03	0.17	72	
	36880037+	36880019	0.37	712 3-	1/0 ACSR 6/1	2503	2538	2583	362	3461	76 33	0.05	0.21	113	
	36880045+	36880037	0.44	710 3-	1/0 ACSR 6/1	2473	2504	2537	361	3459	76 33	0.06	0.25	124	
	36880046+	36880045	0.46	709 3-	1/0 ACSR 6/1	2465	2494	2523	361	3453	76 33	0.02	0.26	37	
	36880047+	36880046	0.53	708 3-	1/0 ACSR 6/1	2436	2461	2479	360	3447	76 33	0.05	0.30	121	
20852116+	36880047	36880047	0.60	3 1-	2 ACSR 6/1	0	0	2435	359	15	1 1	0.00	0.26	0	
	36880049+	20852116	0.70	1 1-	2 ACSR 6/1	0	0	2370	357	9	0 0	0.00	0.26	0	
	36780010+	36880047	0.57	704 3-	1/0 ACSR 6/1	2421	2443	2455	360	3424	75 33	0.03	0.32	68	
	36780011+	36780010	0.62	703 3-	1/0 ACSR 6/1	2401	2421	2425	359	3421	75 33	0.04	0.35	83	
	36780012+	36780011	0.71	702 3-	1/0 ACSR 6/1	2366	2379	2372	358	3412	75 33	0.07	0.40	155	
	36780013+	36780012	0.79	700 3-	1/0 ACSR 6/1	2335	2344	2326	357	3406	75 33	0.06	0.44	136	
	36780014+	36780013	0.82	0 1-	2 ACSR 6/1	0	0	2308	357	0	0 0	0.00	0.61	0	
	36780003+	36780013	0.93	700 3-	1/0 ACSR 6/1	2285	2286	2253	356	3405	75 33	0.10	0.52	230	
	36780004+	36780003	1.08	700 3-	1/0 ACSR 6/1	2231	2223	2175	354	3403	75 33	0.12	0.60	257	
	36790182+	36780004	1.15	699 3-	1/0 ACSR 6/1	2208	2197	2143	353	3388	75 33	0.05	0.63	109	
	36790183+	36790182	1.19	697 3-	1/0 ACSR 6/1	2193	2179	2122	353	3370	74 32	0.03	0.66	73	
D36-79-P005+	36790183	36790183	1.19	2 1-	FUS	0	0	2122	353	11	0 17	0.00	0.55	0	
	36790266+	D36-79-P005	1.21	2 1-	2 ACSR 6/1	0	0	2112	353	11	0 0	0.00	0.55	0	
	36790184+	36790266	1.23	1 1-	2 ACSR 6/1	0	0	2102	352	6	0 0	0.00	0.55	0	
	36790025+	36790183	1.24	695 3-	1/0 ACSR 6/1	2177	2161	2100	352	3359	74 32	0.04	0.68	80	
D36-79-P006+	36790025	36790025	1.24	1 1-	FUS	0	0	2100	352	2	0 3	0.00	0.53	0	
	36790265+	D36-79-P006	1.33	1 1-	2 ACSR 6/1	0	0	2052	351	2	0 0	0.00	0.53	0	
	36790185+	36790265	1.40	0 1-	2 ACSR 6/1	0	0	2020	350	0	0 0	0.00	0.53	0	
	36790186+	36790025	1.25	694 3-	1/0 ACSR 6/1	2173	2156	2094	352	3356	74 32	0.01	0.69	20	
	36790188+	36790186	1.34	693 3-	1/0 ACSR 6/1	2144	2123	2054	351	3351	74 32	0.07	0.74	142	
D36-79-P009+	36790188	36790188	1.34	64 1-	REC-50-E	0	0	2054	351	243	16 33	0.00	1.03	0	
	36790236+	D36-79-P009	1.39	64 1-	2 ACSR 6/1	0	0	2031	351	243	16 9	0.01	1.04	2	
	36790237+	36790236	1.40	63 1-	2 ACSR 6/1	0	0	2024	350	240	16 9	0.00	1.04	0	
	36790238+	36790237	1.42	62 1-	2 ACSR 6/1	0	0	2017	350	237	15 9	0.00	1.05	0	
	36790241+	36790238	1.52	57 1-	2 ACSR 6/1	0	0	1965	348	225	15 8	0.03	1.07	4	
	36790250+	36790241	1.56	57 1-	2 ACSR 6/1	0	0	1949	348	225	15 8	0.01	1.08	1	
	36790251+	36790250	1.62	56 1-	2 ACSR 6/1	0	0	1920	347	221	14 8	0.01	1.09	3	
	36790252+	36790251	1.65	52 1-	2 ACSR 6/1	0	0	1906	347	212	14 8	0.01	1.10	1	
	36790253+	36790252	1.78	6 1-	2 ACSR 6/1	0	0	1850	345	25	1 1	0.00	1.10	0	
	36790254+	36790253	1.80	5 1-	2 ACSR 6/1	0	0	1839	344	19	1 1	0.00	1.11	0	
	36790255+	36790254	1.85	4 1-	2 ACSR 6/1	0	0	1821	344	18	1 1	0.00	1.11	0	
	36790256+	36790255	1.98	2 1-	2 ACSR 6/1	0	0	1764	342	7	0 0	0.00	1.11	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36790257+	36790256	2.03	2 1-	2 ACSR 6/1	0	0	1747	341	7	0	0	0.00	1.11	0
36790212+	36790252	1.69	46 1-	2 ACSR 6/1	0	0	1888	346	188	12	7	0.01	1.11	1
36790213+	36790212	1.73	44 1-	2 ACSR 6/1	0	0	1871	345	181	12	7	0.01	1.12	0
36790217+	36790213	1.76	44 1-	2 ACSR 6/1	0	0	1856	345	181	12	7	0.01	1.12	0
36790216+	36790217	1.82	42 1-	2 ACSR 6/1	0	0	1831	344	169	11	6	0.01	1.13	1
36790192+	36790216	1.90	40 1-	2 ACSR 6/1	0	0	1798	343	159	10	6	0.01	1.15	2
36790195+	36790192	1.98	38 1-	2 ACSR 6/1	0	0	1766	342	151	10	6	0.01	1.16	1
36790196+	36790195	2.01	36 1-	2 ACSR 6/1	0	0	1755	341	138	9	5	0.00	1.16	0
36790197+	36790196	2.03	34 1-	2 ACSR 6/1	0	0	1747	341	129	8	5	0.00	1.16	0
36790242+	36790197	2.11	34 1-	2 ACSR 6/1	0	0	1714	340	129	8	5	0.01	1.17	1
36790244+	36790242	2.14	1 1-	2 ACSR 6/1	0	0	1705	339	4	0	0	0.00	1.17	0
36790243+	36790242	2.20	30 1-	2 ACSR 6/1	0	0	1683	339	116	7	4	0.01	1.18	0
36690085+	36790243	2.27	28 1-	2 ACSR 6/1	0	0	1656	337	109	7	4	0.01	1.19	0
36690090+	36690085	2.31	20 1-	2 ACSR 6/1	0	0	1642	337	79	5	3	0.00	1.20	0
36690036+	36690090	2.38	19 1-	2 ACSR 6/1	0	0	1616	336	76	5	3	0.01	1.20	0
36690002+	36690036	2.43	18 1-	2 ACSR 6/1	0	0	1599	335	71	4	3	0.00	1.20	0
36690114+	36690002	2.49	17 1-	2 ACSR 6/1	0	0	1580	334	64	4	2	0.00	1.21	0
36690115+	36690114	2.58	16 1-	2 ACSR 6/1	0	0	1550	333	61	4	2	0.01	1.21	0
36690116+	36690115	2.66	15 1-	2 ACSR 6/1	0	0	1525	332	60	4	2	0.00	1.22	0
36690117+	36690116	2.79	14 1-	2 ACSR 6/1	0	0	1485	330	56	3	2	0.01	1.23	0
36690120+	36690117	2.93	11 1-	2 ACSR 6/1	0	0	1445	328	47	3	2	0.01	1.23	0
36690121+	36690120	2.99	10 1-	2 ACSR 6/1	0	0	1429	327	41	2	2	0.00	1.23	0
36690122+	36690121	3.05	8 1-	2 ACSR 6/1	0	0	1411	327	31	2	1	0.00	1.24	0
36690107+	36690122	3.11	6 1-	2 ACSR 6/1	0	0	1397	326	25	1	1	0.00	1.24	0
36690108+	36690107	3.17	5 1-	2 ACSR 6/1	0	0	1379	325	20	1	1	0.00	1.24	0
36680034+	36690108	3.24	3 1-	2 ACSR 6/1	0	0	1362	324	13	0	0	0.00	1.24	0
36680042+	36680034	3.32	1 1-	2 ACSR 6/1	0	0	1343	323	3	0	0	0.00	1.24	0
36680018+	36680034	3.29	2 1-	2 ACSR 6/1	0	0	1349	323	10	0	0	0.00	1.24	0
36680017+	36680034	3.32	0 1-	2 ACSR 6/1	0	0	1343	323	0	0	0	0.00	1.24	0
36680032+	36690108	3.39	1 1-	2 ACSR 6/1	0	0	1325	322	6	0	0	0.00	1.24	0
36690123+	36690122	3.12	1 1-	2 ACSR 6/1	0	0	1394	326	6	0	0	0.00	1.24	0
36690119+	36690117	2.84	2 1-	2 ACSR 6/1	0	0	1471	329	6	0	0	0.00	1.23	0
36690118+	36690117	2.85	1 1-	2 ACSR 6/1	0	0	1468	329	4	0	0	0.00	1.23	0
36690086+	36690085	2.34	7 1-	2 ACSR 6/1	0	0	1633	337	25	1	1	0.00	1.19	0
36690087+	36690086	2.39	6 1-	2 ACSR 6/1	0	0	1615	336	23	1	1	0.00	1.19	0
36690089+	36690087	2.47	4 1-	2 ACSR 6/1	0	0	1587	335	18	1	1	0.00	1.20	0
36690099+	36690089	2.51	2 1-	2 ACSR 6/1	0	0	1572	334	6	0	0	0.00	1.20	0
36690088+	36690089	2.55	1 1-	2 ACSR 6/1	0	0	1560	333	3	0	0	0.00	1.20	0
36690095+	36790243	2.26	2 1-	2 ACSR 6/1	0	0	1661	338	7	0	0	0.00	1.18	0
36790198+	36790197	2.04	0 1-	2 ACSR 6/1	0	0	1741	341	0	0	0	0.00	1.16	0
36790199+	36790198	2.07	0 1-	2 ACSR 6/1	0	0	1729	340	0	0	0	0.00	1.16	0
36790193+	36790192	1.93	1 1-	2 ACSR 6/1	0	0	1786	342	6	0	0	0.00	1.15	0
36790194+	36790193	2.09	0 1-	2 ACSR 6/1	0	0	1721	340	0	0	0	0.00	1.15	0
36790215+	36790217	1.86	1 1-	2 ACSR 6/1	0	0	1816	343	10	0	0	0.00	1.12	0
36790214+	36790213	1.77	0 1-	2 ACSR 6/1	0	0	1855	345	0	0	0	0.00	1.12	0
36790258+	36790251	1.68	3 1-	2 ACSR 6/1	0	0	1894	346	8	0	0	0.00	1.10	0
36790259+	36790258	1.69	2 1-	2 ACSR 6/1	0	0	1890	346	8	0	0	0.00	1.10	0
36790211+	36790259	1.74	1 1-	2 ACSR 6/1	0	0	1864	345	3	0	0	0.00	1.10	0
36790189+	36790188	1.38	5 1-	2 ACSR 6/1	0	0	2034	351	271	18	10	0.01	0.62	2
36790191+	36790189	1.43	2 1-	2 ACSR 6/1	0	0	2009	350	251	16	9	0.01	0.63	3
36790830+	36790191	1.43	2 1-	Consumer	0	0	2009	350	251	16	0	0.00	0.63	0
36790190+	36790189	1.46	2 1-	2 ACSR 6/1	0	0	1993	349	11	0	0	0.00	0.62	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36790239+	36790188	1.41	3 1-	2 ACSR 6/1	0	0	2018	350	11	0	0	0.00	1.03	0
36790240+	36790239	1.47	2 1-	2 ACSR 6/1	0	0	1992	349	8	0	0	0.00	1.03	0
36790246+	36790188	1.43	617 3-	1/0 ACSR 6/1	2115	2089	2015	350	2814	62	27	0.05	0.78	103
D36-79-P024+	36790246	1.43	0 1-	FUS	0	0	2015	350	0	0	0	0.00	1.08	0
36790264+	D36-79-P024	1.46	0 1-	2 ACSR 6/1	0	0	2000	350	0	0	0	0.00	1.08	0
36790232+	36790246	1.49	617 3-	1/0 ACSR 6/1	2097	2069	1991	350	2813	62	27	0.03	0.80	63
36790247+	36790232	1.53	2 1-	2 ACSR 6/1	0	0	1971	349	13	0	0	0.00	1.11	0
36790269+	36790247	1.58	1 1-	2 ACSR 6/1	0	0	1947	348	5	0	0	0.00	1.11	0
36790233+	36790232	1.53	6 3-	2 ACSR 6/1	2083	2053	1972	349	29	0	0	0.00	0.80	0
36790234+	36790233	1.54	4 3-	2 ACSR 6/1	2079	2048	1966	349	22	0	0	0.00	0.80	0
36790002+	36790234	1.56	3 1-	2 ACSR 6/1	0	0	1958	349	12	0	0	0.00	0.65	0
36790231+	36790232	1.56	608 3-	1/0 ACSR 6/1	2075	2043	1961	349	2769	61	27	0.04	0.83	81
36790153+	36790231	1.63	602 3-	1/0 ACSR 6/1	2052	2018	1932	348	2721	60	26	0.04	0.86	78
36790160+	36790153	1.69	602 3-	1/0 ACSR 6/1	2035	1999	1910	348	2721	60	26	0.03	0.89	61
36790164+	36790160	1.72	601 3-	1/0 ACSR 6/1	2026	1988	1898	347	2720	60	26	0.02	0.90	33
36790157+	36790164	1.75	14 1-	2 ACSR 6/1	0	0	1881	347	65	4	2	0.00	1.24	0
36790158+	36790157	1.79	13 1-	2 ACSR 6/1	0	0	1868	346	59	3	2	0.00	1.24	0
36790155+	36790158	1.82	12 1-	2 ACSR 6/1	0	0	1853	346	52	3	2	0.00	1.24	0
36790200+	36790155	1.90	11 1-	2 ACSR 6/1	0	0	1819	345	45	3	2	0.00	1.24	0
36790201+	36790200	1.92	8 1-	2 ACSR 6/1	0	0	1809	344	31	2	1	0.00	1.24	0
36790202+	36790201	1.95	7 1-	2 ACSR 6/1	0	0	1797	344	23	1	1	0.00	1.24	0
36790203+	36790202	2.00	6 1-	2 ACSR 6/1	0	0	1778	343	18	1	1	0.00	1.25	0
36790165+	36790203	2.07	5 1-	2 ACSR 6/1	0	0	1749	342	17	1	1	0.00	1.25	0
36790167+	36790165	2.15	2 1-	2 ACSR 6/1	0	0	1721	341	5	0	0	0.00	1.25	0
36790166+	36790165	2.15	2 1-	2 ACSR 6/1	0	0	1721	341	5	0	0	0.00	1.25	0
36790159+	36790158	1.81	1 1-	2 ACSR 6/1	0	0	1856	346	6	0	0	0.00	1.24	0
36790156+	36790164	1.80	585 3-	1/0 ACSR 6/1	2000	1959	1864	346	2645	58	26	0.04	0.93	89
D36-79-P044+	36790156	1.80	14 1-	REC-25-E	0	0	1864	346	58	3	16	0.00	1.28	0
36790169+	D36-79-P044	1.81	14 1-	2 ACSR 6/1	0	0	1860	346	58	3	2	0.00	1.28	0
36790174+	36790169	1.87	13 1-	2 ACSR 6/1	0	0	1838	345	53	3	2	0.00	1.28	0
36790176+	36790174	1.93	12 1-	2 ACSR 6/1	0	0	1812	345	49	3	2	0.00	1.28	0
36790179+	36790176	1.98	8 1-	2 ACSR 6/1	0	0	1790	344	36	2	1	0.00	1.29	0
36790180+	36790179	2.05	6 1-	2 ACSR 6/1	0	0	1764	343	25	1	1	0.00	1.29	0
36790181+	36790180	2.08	4 1-	2 ACSR 6/1	0	0	1752	342	16	1	1	0.00	1.29	0
36790248+	36790181	2.12	3 1-	2 ACSR 6/1	0	0	1738	342	12	0	0	0.00	1.29	0
36790249+	36790248	2.18	1 1-	2 ACSR 6/1	0	0	1713	341	5	0	0	0.00	1.29	0
36790219+	36790180	2.08	1 1-	2 ACSR 6/1	0	0	1751	342	8	0	0	0.00	1.29	0
36790177+	36790176	1.99	3 1-	2 ACSR 6/1	0	0	1788	344	9	0	0	0.00	1.28	0
36790178+	36790177	2.01	0 1-	2 ACSR 6/1	0	0	1779	343	0	0	0	0.00	1.28	0
36790175+	36790174	1.90	1 1-	2 ACSR 6/1	0	0	1823	345	4	0	0	0.00	1.28	0
36790170+	36790156	1.87	9 1-	2 ACSR 6/1	0	0	1837	345	29	1	1	0.00	1.28	0
36790171+	36790170	1.93	7 1-	2 ACSR 6/1	0	0	1813	345	23	1	1	0.00	1.28	0
36790172+	36790171	1.98	6 1-	2 ACSR 6/1	0	0	1793	344	21	1	1	0.00	1.28	0
36790173+	36790172	2.01	3 1-	2 ACSR 6/1	0	0	1779	343	10	0	0	0.00	1.28	0
36790168+	36790156	1.84	1 1-	2 ACSR 6/1	0	0	1848	346	6	0	0	0.00	0.79	0
36790023+	36790156	1.87	561 3-	1/0 ACSR 6/1	1982	1939	1841	346	2552	56	25	0.03	0.96	58
36790272+	36790023	2.00	1 1-	1/0 ACSR 6/1	0	0	1792	344	6	0	0	0.00	1.31	0
36790271+	36790023	1.95	560 3-	1/0 ACSR 6/1	1958	1912	1811	345	2545	56	25	0.04	0.99	77
36790226+	36790271	2.04	551 3-	1/0 ACSR 6/1	1932	1882	1778	344	2516	56	24	0.04	1.03	87
36790229+	36790226	2.26	549 3-	1/0 ACSR 6/1	1874	1818	1707	342	2512	56	24	0.09	1.11	193
36790220+	36790229	2.31	406 3-	2/0 ACSR 6/1	1861	1804	1690	341	1686	38	14	0.00	1.12	19
36790222+	36790220	2.36	405 3-	2/0 ACSR 6/1	1849	1791	1676	341	1679	38	14	0.00	1.12	17

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36790223+	36790222	2.39	398 3-	2/0 ACSR 6/1	1843	1784	1668	341	1650	37	14	0.00	1.13	9
36790207+	36790223	2.45	398 3-	2/0 ACSR 6/1	1827	1766	1649	340	1650	37	14	0.00	1.14	22
36790261+	36790207	2.59	395 3-	2/0 ACSR 6/1	1795	1732	1611	339	1629	37	14	0.01	1.16	45
36790262+	36790261	2.70	392 3-	2/0 ACSR 6/1	1770	1704	1581	338	1612	37	14	0.00	1.17	37
36690100+	36790262	2.78	1 1-	2 ACSR 6/1	0	0	1558	337	1	0	0	0.00	1.07	0
36690032+	36790262	2.77	391 3-	2/0 ACSR 6/1	1757	1690	1565	337	1611	37	14	0.00	1.18	20
36690101+	36690032	2.82	3 1-	2 ACSR 6/1	0	0	1549	336	19	1	1	0.00	1.08	0
36690102+	36690101	2.88	2 1-	2 ACSR 6/1	0	0	1530	336	10	0	0	0.00	1.08	0
36690103+	36690032	2.85	388 3-	2/0 ACSR 6/1	1737	1669	1542	336	1592	36	14	0.00	1.20	28
36690104+	36690103	3.05	386 3-	2/0 ACSR 6/1	1697	1626	1495	335	1584	36	14	0.01	1.22	60
36690105+	36690104	3.25	385 3-	2/0 ACSR 6/1	1656	1581	1448	333	1579	36	13	0.01	1.25	65
36690110+	36690105	3.46	384 3-	2/0 ACSR 6/1	1617	1540	1404	331	1572	36	13	0.01	1.28	64
D36-69-P033+	36690110	3.46	6 1-	FUS	0	0	1404	331	23	1	35	0.00	1.21	0
36690126+	D36-69-P033	3.53	6 1-	2 ACSR 6/1	0	0	1385	330	23	1	1	0.00	1.22	0
36690124+	36690126	3.56	4 1-	2 ACSR 6/1	0	0	1378	330	13	0	0	0.00	1.22	0
36690127+	36690124	4.54	2 1-	2 ACSR 6/1	0	0	1167	317	4	0	0	0.00	1.22	0
36590007+	36690127	4.78	1 1-	2 ACSR 6/1	0	0	1123	313	4	0	0	0.00	1.22	0
36590006+	36690127	4.72	1 1-	2 ACSR 6/1	0	0	1135	314	0	0	0	0.00	1.22	0
36690125+	36690124	3.59	2 1-	2 ACSR 6/1	0	0	1371	329	8	0	0	0.00	1.22	0
36690031+	36690110	3.49	378 3-	2/0 ACSR 6/1	1610	1533	1396	331	1549	35	13	0.00	1.29	11
36690111+	36690031	3.54	3 1-	2 ACSR 6/1	0	0	1385	330	13	0	1	0.00	1.22	0
36690030+	36690031	3.57	375 3-	2/0 ACSR 6/1	1596	1518	1381	330	1535	35	13	0.00	1.30	22
D36-69-P025+	36690030	3.57	7 1-	REC-50-E	0	0	1381	330	13	0	2	0.00	1.14	0
36690113+	D36-69-P025	3.62	7 1-	2 ACSR 6/1	0	0	1369	330	13	0	0	0.00	1.14	0
36690084+	36690113	3.66	3 1-	2 ACSR 6/1	0	0	1359	329	6	0	0	0.00	1.14	0
36690109+	36690084	3.75	1 1-	2 ACSR 6/1	0	0	1337	328	2	0	0	0.00	1.14	0
36690112+	36690030	3.59	367 3-	2/0 ACSR 6/1	1593	1515	1377	330	1521	35	13	0.00	1.30	5
36690096+	36690112	3.62	366 3-	2/0 ACSR 6/1	1587	1509	1371	330	1517	35	13	0.00	1.31	9
36690097+	36690096	3.75	364 3-	2/0 ACSR 6/1	1563	1483	1345	329	1516	35	13	0.01	1.32	39
36690033+	36690097	3.80	361 3-	2/0 ACSR 6/1	1554	1474	1335	328	1511	35	13	0.00	1.33	15
36690098+	36690033	3.82	2 1-	2 ACSR 6/1	0	0	1331	328	11	0	0	0.00	1.27	0
36690034+	36690033	3.93	357 3-	2/0 ACSR 6/1	1533	1452	1312	327	1494	34	13	0.01	1.35	35
36690035+	36690034	4.09	355 3-	2/0 ACSR 6/1	1507	1424	1284	326	1484	34	13	0.01	1.37	44
36590004+	36690035	4.11	1 1-	2 ACSR 6/1	0	0	1279	326	7	0	0	0.00	1.32	0
36590002+	36690035	4.17	354 3-	2/0 ACSR 6/1	1494	1410	1269	325	1477	34	13	0.00	1.38	23
36580031+	36590002	4.23	1 1-	2 ACSR 6/1	0	0	1255	324	4	0	0	0.00	1.25	0
36580003+	36590002	4.48	353 3-	2/0 ACSR 6/1	1445	1361	1218	323	1473	34	13	0.01	1.42	84
36680020+	36580003	4.57	353 3-	2/0 ACSR 6/1	1432	1347	1204	322	1472	34	13	0.00	1.43	24
36680021+	36680020	4.63	351 3-	2/0 ACSR 6/1	1423	1338	1195	321	1467	34	13	0.00	1.44	16
36680022+	36680021	4.72	351 3-	2/0 ACSR 6/1	1409	1323	1180	321	1467	34	13	0.00	1.45	26
36680023+	36680022	4.76	348 3-	2/0 ACSR 6/1	1404	1318	1175	320	1453	33	13	0.00	1.45	10
36680038+	36680023	4.80	1 1-	2 ACSR 6/1	0	0	1168	320	6	0	0	0.00	1.36	0
36680024+	36680023	4.83	345 3-	2/0 ACSR 6/1	1393	1307	1164	320	1443	33	12	0.00	1.46	19
D36-68-P004+	36680024	4.83	11 1-	REC-25-E	0	0	1164	320	57	3	15	0.00	1.37	0
36680025+	D36-68-P004	4.90	11 1-	2 ACSR 6/1	0	0	1152	319	57	3	2	0.00	1.37	0
36680026+	36680025	4.98	10 1-	2 ACSR 6/1	0	0	1138	318	52	3	2	0.00	1.38	0
36680027+	36680026	5.10	9 1-	2 ACSR 6/1	0	0	1118	316	45	3	2	0.00	1.38	0
36680029+	36680027	5.14	7 1-	2 ACSR 6/1	0	0	1111	316	34	2	1	0.00	1.38	0
36680030+	36680029	5.16	6 1-	2 ACSR 6/1	0	0	1108	315	28	1	1	0.00	1.38	0
36680035+	36680030	5.21	5 1-	2 ACSR 6/1	0	0	1099	315	24	1	1	0.00	1.38	0
36680037+	36680035	5.24	3 1-	2 ACSR 6/1	0	0	1094	314	15	0	1	0.00	1.38	0
36680031+	36680037	5.31	1 1-	2 ACSR 6/1	0	0	1083	314	6	0	0	0.00	1.38	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36680036+	36680035	5.29	1 1-	2 ACSR 6/1	0	0	1087	314	8	0	0	0.00	1.38	0
36680028+	36680027	5.14	1 1-	2 ACSR 6/1	0	0	1111	316	2	0	0	0.00	1.38	0
36680041+	36680024	4.87	334 3-	2/0 ACSR 6/1	1389	1302	1160	319	1386	32	12	0.00	1.47	8
36580032+	36680041	4.96	330 3-	2/0 ACSR 6/1	1376	1289	1146	319	1374	32	12	0.00	1.48	23
36580020+	36580032	5.00	327 3-	2/0 ACSR 6/1	1370	1283	1141	318	1342	31	12	0.00	1.48	9
36580025+	36580020	5.08	326 3-	2/0 ACSR 6/1	1360	1273	1130	318	1341	31	12	0.00	1.49	18
36580026+	36580025	5.11	2 1-	2 ACSR 6/1	0	0	1124	317	10	0	0	0.00	1.58	0
36580027+	36580025	5.11	324 3-	2/0 ACSR 6/1	1355	1268	1125	317	1331	31	12	0.00	1.49	9
36580030+	36580027	5.22	321 3-	2/0 ACSR 6/1	1341	1253	1111	317	1318	31	12	0.00	1.50	25
36580022+	36580030	5.33	320 3-	2/0 ACSR 6/1	1326	1239	1096	316	1313	31	12	0.00	1.52	26
36580035+	36580022	5.38	316 3-	2/0 ACSR 6/1	1320	1232	1090	315	1287	30	11	0.00	1.52	11
36580029+	36580035	5.55	315 3-	2/0 ACSR 6/1	1299	1211	1069	314	1283	30	11	0.00	1.54	37
36580034+	36580029	5.70	313 3-	2/0 ACSR 6/1	1280	1192	1050	313	1273	30	11	0.00	1.55	34
36570016+	36580034	5.82	1 1-	2 ACSR 6/1	0	0	1033	311	3	0	0	0.00	1.47	0
36570015+	36580034	5.77	310 3-	2/0 ACSR 6/1	1273	1185	1043	312	1260	30	11	0.00	1.56	13
36570018+	36570015	5.84	308 3-	2/0 ACSR 6/1	1263	1175	1034	312	1250	29	11	0.00	1.56	17
36570019+	36570018	5.88	306 3-	2/0 ACSR 6/1	1259	1171	1029	311	1238	29	11	0.00	1.57	8
36570020+	36570019	5.97	305 3-	2/0 ACSR 6/1	1249	1161	1020	311	1234	29	11	0.00	1.58	17
C36-57-P17+	36570020	5.97	0 3-	Capacitor	1249	1161	1020	311	0	-14	0	0.00	1.58	0
36570021+	36570020	6.06	305 3-	2/0 ACSR 6/1	1239	1151	1010	310	1234	27	10	0.01	1.59	17
36570014+	36570021	6.15	303 3-	2/0 ACSR 6/1	1229	1141	1000	309	1225	27	10	0.01	1.61	16
36470120+	36570014	6.18	301 3-	2/0 ACSR 6/1	1225	1137	996	309	1214	27	10	0.00	1.62	7
36470121+	36470120	6.26	296 3-	2/0 ACSR 6/1	1217	1129	988	308	1199	27	10	0.01	1.63	14
36470102+	36470121	6.28	3 1-	2 ACSR 6/1	0	0	985	308	9	0	0	0.00	1.72	0
36470101+	36470121	6.38	291 3-	2/0 ACSR 6/1	1204	1116	976	307	1180	26	10	0.01	1.65	20
36470099+	36470101	6.54	290 3-	2/0 ACSR 6/1	1187	1099	959	306	1170	26	10	0.02	1.68	28
36470091+	36470099	6.62	286 3-	2/0 ACSR 6/1	1178	1090	951	306	1156	26	10	0.01	1.70	13
36470092+	36470091	6.75	282 3-	2/0 ACSR 6/1	1166	1078	940	305	1146	25	10	0.01	1.72	20
D36-47-P014+	36470092	6.75	17 1-	REC-25-E	0	0	940	305	69	4	19	0.00	1.66	0
36470093+	D36-47-P014	6.77	17 1-	2 ACSR 6/1	0	0	936	304	69	4	3	0.00	1.66	0
36470094+	36470093	6.87	15 1-	2 ACSR 6/1	0	0	925	303	57	3	2	0.01	1.67	0
36470084+	36470094	6.92	10 1-	2 ACSR 6/1	0	0	919	302	31	2	1	0.00	1.67	0
36470086+	36470084	6.97	8 1-	2 ACSR 6/1	0	0	914	302	27	1	1	0.00	1.67	0
36470087+	36470086	6.99	7 1-	2 ACSR 6/1	0	0	911	302	18	1	1	0.00	1.67	0
36470125+	36470087	7.10	5 1-	2 ACSR 6/1	0	0	899	300	13	0	0	0.00	1.67	0
36470126+	36470125	7.32	4 1-	2 ACSR 6/1	0	0	874	298	8	0	0	0.00	1.67	0
36560005+	36470126	7.39	2 1-	2 ACSR 6/1	0	0	868	297	6	0	0	0.00	1.67	0
36560007+	36560005	7.67	0 1-	2 ACSR 6/1	0	0	840	294	0	0	0	0.00	1.67	0
36560008+	36560007	7.72	0 1-	2 ACSR 6/1	0	0	835	293	0	0	0	0.00	1.67	0
36560006+	36560005	7.73	1 1-	2 ACSR 6/1	0	0	834	293	3	0	0	0.00	1.68	0
36470085+	36470084	7.14	1 1-	2 ACSR 6/1	0	0	894	300	1	0	0	0.00	1.67	0
36570023+	36470085	7.19	1 1-	2 ACSR 6/1	0	0	888	299	1	0	0	0.00	1.67	0
36570002+	36470085	7.33	0 1-	2 ACSR 6/1	0	0	874	298	0	0	0	0.00	1.67	0
36470033+	36470094	6.92	5 1-	2 ACSR 6/1	0	0	919	302	25	1	1	0.00	1.67	0
36470096+	36470033	6.97	2 1-	2 ACSR 6/1	0	0	913	302	11	0	0	0.00	1.67	0
36470095+	36470033	6.97	3 1-	2 ACSR 6/1	0	0	914	302	14	0	1	0.00	1.67	0
36470088+	36470093	6.83	1 1-	2 ACSR 6/1	0	0	929	304	9	0	0	0.00	1.66	0
36470089+	36470092	6.80	263 3-	2/0 ACSR 6/1	1160	1073	934	304	1075	24	9	0.00	1.73	8
36470107+	36470089	6.85	262 3-	2/0 ACSR 6/1	1155	1068	929	304	1075	24	9	0.00	1.74	8
36470039+	36470107	6.86	1 1-	2 ACSR 6/1	0	0	928	304	7	0	0	0.00	1.67	0
36-47-P076-B+	36470039	6.86	1 1-	Closed	0	0	928	304	7	0	0	0.00	1.67	0
36-47-P076-A+	36-47-P076-B	6.86	1 1-	Closed	0	0	928	304	7	0	0	0.00	1.67	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36470108+	36-47-P076-A	6.91	1 1-	2 ACSR 6/1	0	0	923	303	7	0	0	0.00	1.67	0
36470109+	36470107	6.89	1 1-	2 ACSR 6/1	0	0	925	303	6	0	0	0.00	1.67	0
36470038+	36470107	6.90	260 3-	2/0 ACSR 6/1	1150	1063	925	303	1062	23	9	0.00	1.74	7
D36-47-P006+	36470038	6.90	11 1-	REC-25-E	0	0	925	303	53	3	14	0.00	1.67	0
36470111+	D36-47-P006	6.92	11 1-	2 ACSR 6/1	0	0	923	303	53	3	2	0.00	1.67	0
36470116+	36470111	6.94	8 1-	2 ACSR 6/1	0	0	920	303	33	2	1	0.00	1.67	0
36470117+	36470116	6.98	1 1-	2 ACSR 6/1	0	0	916	302	8	0	0	0.00	1.67	0
36470100+	36470116	7.29	4 1-	2 ACSR 6/1	0	0	882	299	15	1	1	0.00	1.68	0
36460019+	36470100	7.36	3 1-	2 ACSR 6/1	0	0	874	298	12	0	0	0.00	1.68	0
36460020+	36460019	7.42	1 1-	2 ACSR 6/1	0	0	868	297	5	0	0	0.00	1.68	0
36460021+	36460019	7.42	2 1-	2 ACSR 6/1	0	0	868	297	7	0	0	0.00	1.68	0
36460022+	36460021	7.48	1 1-	2 ACSR 6/1	0	0	862	297	3	0	0	0.00	1.68	0
36470123+	36470116	7.03	3 1-	2 ACSR 6/1	0	0	910	302	10	0	0	0.00	1.67	0
36470112+	36470123	7.07	3 1-	2 ACSR 6/1	0	0	905	301	10	0	0	0.00	1.67	0
36470118+	36470038	6.94	248 3-	2/0 ACSR 6/1	1147	1059	921	303	1003	22	8	0.00	1.75	5
36470119+	36470118	7.01	246 3-	2/0 ACSR 6/1	1141	1053	915	303	996	22	8	0.00	1.76	9
36470122+	36470119	7.05	3 1-	2 ACSR 6/1	0	0	911	302	12	0	0	0.00	1.89	0
36470035+	36470119	7.05	243 3-	2/0 ACSR 6/1	1136	1049	911	302	983	22	8	0.00	1.77	6
36470124+	36470035	7.13	1 1-	2 ACSR 6/1	0	0	903	301	5	0	0	0.00	1.90	0
36470113+	36470035	7.15	242 3-	2/0 ACSR 6/1	1127	1040	903	302	978	22	8	0.00	1.78	13
36470114+	36470113	7.18	241 3-	2/0 ACSR 6/1	1124	1037	900	301	973	22	8	0.00	1.79	4
36470115+	36470114	7.22	2 1-	2 ACSR 6/1	0	0	896	301	8	0	0	0.00	1.67	0
36470036+	36470114	7.32	239 3-	2/0 ACSR 6/1	1111	1024	888	300	965	21	8	0.00	1.81	18
36470037+	36470036	7.45	237 3-	2/0 ACSR 6/1	1100	1013	877	299	955	21	8	0.00	1.83	16
36470103+	36470037	7.59	232 3-	2/0 ACSR 6/1	1087	1001	866	298	930	21	8	0.00	1.85	18
36370052+	36470103	7.76	229 3-	2/0 ACSR 6/1	1073	986	852	297	915	20	8	0.00	1.87	21
36370059+	36370052	7.79	227 3-	2/0 ACSR 6/1	1070	983	850	297	904	20	8	0.00	1.87	4
D36-37-P011+	36370059	7.79	7 1-	REC-25-E	0	0	850	297	25	1	7	0.00	2.04	0
36370056+	D36-37-P011	8.17	7 1-	2 ACSR 6/1	0	0	813	292	25	1	1	0.01	2.05	0
36370036+	36370056	8.39	6 1-	2 ACSR 6/1	0	0	794	290	24	1	1	0.01	2.06	0
36370054+	36370036	8.86	6 1-	2 ACSR 6/1	0	0	755	285	24	1	1	0.01	2.07	0
36380008+	36370054	8.90	4 1-	2 ACSR 6/1	0	0	752	284	13	0	0	0.00	2.07	0
36380009+	36380008	8.93	3 1-	2 ACSR 6/1	0	0	749	284	7	0	0	0.00	2.07	0
36380011+	36380009	9.03	3 1-	2 ACSR 6/1	0	0	742	283	7	0	0	0.00	2.07	0
36380012+	36380011	9.14	2 1-	2 ACSR 6/1	0	0	733	282	7	0	0	0.00	2.07	0
36380013+	36380012	9.20	2 1-	2 ACSR 6/1	0	0	729	281	7	0	0	0.00	2.07	0
36380014+	36380013	9.26	2 1-	2 ACSR 6/1	0	0	724	280	7	0	0	0.00	2.07	0
36380010+	36380009	8.97	0 1-	2 ACSR 6/1	0	0	746	283	0	0	0	0.00	2.07	0
36370038+	36370036	8.44	0 1-	2 ACSR 6/1	0	0	789	289	0	0	0	0.00	2.06	0
36370037+	36370036	8.44	0 1-	2 ACSR 6/1	0	0	790	289	0	0	0	0.00	2.06	0
36370048+	36370059	7.83	218 3-	1/0 ACSR 6/1	1066	980	846	296	872	19	9	0.00	1.88	6
D36-37-P005+	36370048	7.83	5 1-	REC-25-E	0	0	846	296	22	1	6	0.00	1.91	0
36370055+	D36-37-P005	8.01	5 1-	2 ACSR 6/1	0	0	829	294	22	1	1	0.00	1.92	0
36370040+	36370055	8.19	2 1-	2 ACSR 6/1	0	0	812	292	10	0	0	0.00	1.92	0
36370041+	36370040	8.26	1 1-	2 ACSR 6/1	0	0	806	291	7	0	0	0.00	1.92	0
36370039+	36370055	8.06	1 1-	2 ACSR 6/1	0	0	824	294	4	0	0	0.00	1.92	0
36370042+	36370048	7.93	213 3-	1/0 ACSR 6/1	1057	971	838	296	850	19	8	0.00	1.90	13
36370044+	36370042	8.00	213 3-	1/0 ACSR 6/1	1051	965	832	295	850	19	8	0.00	1.91	10
36370045+	36370044	8.06	211 3-	1/0 ACSR 6/1	1046	960	828	294	841	19	8	0.00	1.92	7
36370046+	36370045	8.19	211 3-	1/0 ACSR 6/1	1034	949	818	293	841	19	8	0.00	1.94	17
36360023+	36370046	8.23	198 3-	1/0 ACSR 6/1	1031	945	815	293	793	17	8	0.00	1.94	4
36360024+	36360023	8.28	197 3-	1/0 ACSR 6/1	1026	941	811	293	787	17	8	0.00	1.95	6

LINE SECT	PRIOR SECT	MILES	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36360025+	36360024	8.32	1 1-	2 ACSR 6/1	0	0	807	292	2	0	0	0.00	2.15	0
36360026+	36360024	8.32	196 3-	1/0 ACSR 6/1	1023	937	808	292	786	17	8	0.00	1.96	5
R36-36-P45+	36360026	8.32	195 3-	0	1023	937	808	292	781	17	18	0.72	2.40	0
36360020+	R36-36-P45	8.35	195 3-	1/0 ACSR 6/1	1020	935	806	292	781	17	8	0.00	2.40	3
D36-36-P039+	36360020	8.35	195 3-	ER3-WVE-140/100	1020	935	806	292	781	17	25	0.00	2.40	0
36360019+	D36-36-P039	8.36	195 3-	1/0 ACSR 6/1	1020	934	805	292	781	17	8	0.00	2.41	0
36-36-P039-B+	36360019	8.36	195 3-	Closed	1020	934	805	292	781	17	0	0.00	2.41	0
36-36-P039-A+	36-36-P039-B	8.36	195 3-	Closed	1020	934	805	292	781	17	0	0.00	2.41	0
36360002+	36-36-P039-A	8.70	195 3-	1/0 ACSR 6/1	991	907	780	289	781	17	8	0.00	2.46	39
36360022+	36360002	9.12	194 3-	1/0 ACSR 6/1	959	875	752	286	775	17	8	0.01	2.52	46
36360028+	36360022	9.14	1 1-	2 ACSR 6/1	0	0	750	285	3	0	0	0.00	2.54	0
36360029+	36360028	9.22	1 1-	2 ACSR 6/1	0	0	744	285	3	0	0	0.00	2.54	0
36360030+	36360029	9.32	0 1-	2 ACSR 6/1	0	0	737	284	0	0	0	0.00	2.54	0
36360018+	36360022	9.17	193 3-	1/0 ACSR 6/1	955	872	749	285	771	17	8	0.00	2.53	6
36460023+	36360018	9.22	192 3-	1/0 ACSR 6/1	952	868	745	285	770	17	8	0.00	2.53	5
36460025+	36460023	9.29	191 3-	1/0 ACSR 6/1	946	863	741	284	769	17	8	0.00	2.54	8
36460026+	36460025	9.42	188 3-	1/0 ACSR 6/1	937	854	733	283	753	17	7	0.00	2.56	14
36460017+	36460026	9.46	3 1-	2 ACSR 6/1	0	0	730	283	13	0	0	0.00	2.60	0
36460015+	36460026	9.49	185 3-	1/0 ACSR 6/1	932	849	728	283	740	16	7	0.00	2.57	7
36460018+	36460015	9.61	181 3-	1/0 ACSR 6/1	924	841	721	282	731	16	7	0.00	2.59	11
36460027+	36460018	9.66	0 1-	2 ACSR 6/1	0	0	718	281	0	0	0	0.00	2.63	0
36460028+	36460018	9.67	180 3-	1/0 ACSR 6/1	919	837	718	281	723	16	7	0.00	2.60	6
36450009+	36460028	9.94	176 3-	1/0 ACSR 6/1	901	819	702	279	713	16	7	0.00	2.63	26
36450006+	36450009	10.01	176 3-	1/0 ACSR 6/1	897	815	698	279	713	16	7	0.00	2.64	6
36450007+	36450006	10.24	175 3-	1/0 ACSR 6/1	881	800	685	277	709	16	7	0.00	2.67	22
36450008+	36450007	10.40	174 3-	1/0 ACSR 6/1	871	791	677	276	700	15	7	0.00	2.69	14
36550068+	36450008	10.60	173 3-	1/0 ACSR 6/1	859	779	666	274	698	15	7	0.00	2.72	18
36550063+	36550068	10.67	1 1-	2 ACSR 6/1	0	0	662	274	6	0	0	0.00	2.80	0
36550077+	36550068	10.73	171 3-	1/0 ACSR 6/1	851	771	659	273	688	15	7	0.00	2.74	12
36550078+	36550077	10.83	171 3-	1/0 ACSR 6/1	845	766	655	273	688	15	7	0.00	2.75	8
36550064+	36550078	10.91	6 1-	2 ACSR 6/1	0	0	650	272	28	1	1	0.00	2.43	0
36550075+	36550064	11.02	3 1-	2 ACSR 6/1	0	0	644	271	20	1	1	0.00	2.43	0
36550085+	36550075	11.11	1 1-	2 ACSR 6/1	0	0	638	270	6	0	0	0.00	2.43	0
36550084+	36550075	11.11	2 1-	2 ACSR 6/1	0	0	638	270	14	0	1	0.00	2.43	0
36550076+	36550084	11.20	1 1-	2 ACSR 6/1	0	0	633	269	6	0	0	0.00	2.43	0
36550071+	36550078	10.93	165 3-	1/0 ACSR 6/1	839	760	649	272	660	15	7	0.00	2.76	9
36550081+	36550071	11.04	1 1-	2 ACSR 6/1	0	0	643	271	0	0	0	0.00	2.42	0
36550082+	36550081	11.09	0 1-	2 ACSR 6/1	0	0	640	270	0	0	0	0.00	2.42	0
36550072+	36550071	10.95	164 3-	1/0 ACSR 6/1	838	759	649	272	660	15	7	0.00	2.77	2
36550065+	36550072	10.96	163 3-	1/0 ACSR 6/1	838	759	648	272	657	14	7	0.00	2.77	0
36-55-P020-B+	36550065	10.96	163 3-	Closed	838	759	648	272	657	14	0	0.00	2.77	0
36-55-P020-A+	36-55-P020-B	10.96	163 3-	Closed	838	759	648	272	657	14	0	0.00	2.77	0
36550067+	36-55-P020-A	10.97	163 3-	1/0 ACSR 6/1	837	758	648	272	657	14	7	0.00	2.77	0
36550069+	36550067	11.00	4 1-	2 ACSR 6/1	0	0	646	271	16	1	1	0.00	2.86	0
36550070+	36550069	11.04	3 1-	2 ACSR 6/1	0	0	644	271	11	0	0	0.00	2.86	0
36550086+	36550070	11.10	2 1-	2 ACSR 6/1	0	0	640	270	7	0	0	0.00	2.86	0
36550087+	36550086	11.14	1 1-	2 ACSR 6/1	0	0	638	270	6	0	0	0.00	2.86	0
36550066+	36550067	11.00	157 3-	1/0 ACSR 6/1	835	757	646	271	636	14	6	0.00	2.77	2
36550014+	36550066	11.20	155 3-	1/0 ACSR 6/1	824	746	637	270	631	14	6	0.00	2.80	17
36550073+	36550014	11.23	3 1-	2 ACSR 6/1	0	0	635	270	7	0	0	0.00	2.89	0
36550074+	36550073	11.27	2 1-	2 ACSR 6/1	0	0	633	269	3	0	0	0.00	2.89	0
36550051+	36550074	11.37	1 1-	2 ACSR 6/1	0	0	627	268	0	0	0	0.00	2.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36550052+	36550014	11.23	152 3-	1/0 ACSR 6/1	822	744	635	270	623	14	6	0.00	2.80	3
36550053+	36550052	11.26	151 3-	1/0 ACSR 6/1	821	743	634	270	621	14	6	0.00	2.80	2
36550055+	36550053	11.29	150 3-	1/0 ACSR 6/1	819	741	633	269	614	14	6	0.00	2.81	2
36550056+	36550055	11.32	148 3-	1/0 ACSR 6/1	817	739	631	269	608	13	6	0.00	2.81	2
D36-55-P009+	36550056	11.32	4 1-	FUS	0	0	631	269	19	1	30	0.00	2.91	0
36550079+	D36-55-P009	11.47	4 1-	2 ACSR 6/1	0	0	623	268	19	1	1	0.00	2.91	0
36550060+	36550079	11.55	3 1-	2 ACSR 6/1	0	0	619	267	13	0	1	0.00	2.91	0
36550061+	36550060	11.59	2 1-	2 ACSR 6/1	0	0	616	266	12	0	0	0.00	2.91	0
36550062+	36550061	11.66	1 1-	2 ACSR 6/1	0	0	613	266	8	0	0	0.00	2.91	0
36540022+	36550062	11.67	0 1-	2 ACSR 6/1	0	0	612	266	0	0	0	0.00	2.91	0
36540021+	36550062	11.70	1 1-	2 ACSR 6/1	0	0	610	265	8	0	0	0.00	2.91	0
36550058+	36550056	11.39	1 1-	2 ACSR 6/1	0	0	627	268	8	0	0	0.00	2.91	0
36550057+	36550056	11.38	142 3-	1/0 ACSR 6/1	814	736	628	269	578	13	6	0.00	2.82	4
D36-55-P008+	36550057	11.38	2 1-	FUS	0	0	628	269	9	0	14	0.00	2.42	0
36550080+	D36-55-P008	11.46	2 1-	2 ACSR 6/1	0	0	624	268	9	0	0	0.00	2.42	0
36550059+	36550080	11.51	1 1-	2 ACSR 6/1	0	0	621	267	5	0	0	0.00	2.42	0
36550048+	36550057	12.08	140 3-	1/0 ACSR 6/1	777	701	598	264	569	12	6	0.00	2.89	47
36540023+	36550048	12.19	138 3-	1/0 ACSR 6/1	772	696	593	263	565	12	6	0.00	2.90	8
D36-54-P019+	36540023	12.19	7 1-	FUS	0	0	593	263	25	1	39	0.00	2.42	0
36540027+	D36-54-P019	12.23	7 1-	2 ACSR 6/1	0	0	591	263	25	1	1	0.00	2.42	0
36640007+	36540027	12.31	6 1-	2 ACSR 6/1	0	0	587	262	19	1	1	0.00	2.42	0
36640027+	36640007	12.36	1 1-	2 ACSR 6/1	0	0	585	261	1	0	0	0.00	2.42	0
36640006+	36640007	12.39	3 1-	2 ACSR 6/1	0	0	584	261	14	0	1	0.00	2.42	0
36640020+	36640006	12.52	1 1-	2 ACSR 6/1	0	0	578	260	7	0	0	0.00	2.42	0
36640021+	36640020	12.73	0 1-	2 ACSR 6/1	0	0	568	258	0	0	0	0.00	2.42	0
36540024+	36540023	12.29	130 3-	1/0 ACSR 6/1	767	692	589	262	533	12	5	0.00	2.91	6
36540025+	36540024	12.36	3 1-	2 ACSR 6/1	0	0	586	262	11	0	0	0.00	2.42	0
36540013+	36540024	12.36	127 3-	1/0 ACSR 6/1	764	688	586	262	522	11	5	0.00	2.92	5
D36-54-P049+	36540013	12.36	74 1-	REC-70-E	0	0	586	262	270	18	26	0.00	3.33	0
36540026+	D36-54-P049	12.55	74 1-	2 ACSR 6/1	0	0	577	260	270	18	10	0.05	3.38	12
36540020+	36540026	12.74	73 1-	2 ACSR 6/1	0	0	568	258	267	18	10	0.05	3.43	11
36-54-P011-B+	36540020	12.74	73 1-	Closed	0	0	568	258	267	18	0	0.00	3.43	0
36-54-P011-A+	36-54-P011-B	12.74	73 1-	Closed	0	0	568	258	267	18	0	0.00	3.43	0
36540011+	36-54-P011-A	13.33	73 1-	2 ACSR 6/1	0	0	543	253	267	18	10	0.16	3.60	35
36540012+	36540011	14.03	73 1-	2 ACSR 6/1	0	0	515	247	267	18	10	0.19	3.79	42
36440005+	36540012	14.10	73 1-	2 ACSR 6/1	0	0	512	246	266	18	10	0.02	3.81	4
D36-44-P001+	36440005	14.10	72 1-	REC-50-E	0	0	512	246	255	17	35	0.00	3.81	0
36440008+	D36-44-P001	14.50	72 1-	2 ACSR 6/1	0	0	498	243	255	17	10	0.11	3.92	21
36340024+	36440008	14.69	70 1-	2 ACSR 6/1	0	0	491	241	245	16	9	0.05	3.97	10
D36-34-P004+	36340024	14.69	4 1-	REC-25-E	0	0	491	241	4	0	1	0.00	3.97	0
36340025+	D36-34-P004	14.77	4 1-	2 ACSR 6/1	0	0	488	241	4	0	0	0.00	3.97	0
36340026+	36340025	15.08	1 1-	2 ACSR 6/1	0	0	478	238	2	0	0	0.00	3.97	0
36330002+	36340026	15.47	1 1-	2 ACSR 6/1	0	0	466	235	2	0	0	0.00	3.97	0
36340006+	36340024	14.72	66 1-	2 ACSR 6/1	0	0	490	241	241	16	9	0.01	3.98	1
36340027+	36340006	14.81	4 1-	2 ACSR 6/1	0	0	487	240	16	1	1	0.00	3.98	0
36340028+	36340027	14.84	3 1-	2 ACSR 6/1	0	0	486	240	10	0	0	0.00	3.98	0
D36-34-P012+	36340028	14.84	3 1-	REC-25-E	0	0	486	240	10	0	3	0.00	3.98	0
36340021+	D36-34-P012	14.88	3 1-	2 ACSR 6/1	0	0	485	240	10	0	0	0.00	3.98	0
36340022+	36340021	15.24	2 1-	2 ACSR 6/1	0	0	473	237	7	0	0	0.00	3.98	0
36340023+	36340022	15.27	1 1-	2 ACSR 6/1	0	0	472	237	6	0	0	0.00	3.98	0
36340029+	36340006	14.89	62 1-	2 ACSR 6/1	0	0	484	240	225	15	9	0.04	4.01	7
36340030+	36340029	15.19	62 1-	2 ACSR 6/1	0	0	474	237	225	15	9	0.07	4.09	13

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36340031+	36340030	15.25	1 1-	2 ACSR 6/1	0	0	472	237	8	0	0	0.00	4.09	0
36340032+	36340031	15.28	1 1-	2 ACSR 6/1	0	0	472	237	8	0	0	0.00	4.09	0
36340020+	36340030	15.38	61 1-	2 ACSR 6/1	0	0	468	236	216	14	8	0.04	4.13	7
36240040+	36340020	15.47	59 1-	2 ACSR 6/1	0	0	466	235	208	14	8	0.02	4.15	3
36240064+	36240040	15.53	59 1-	2 ACSR 6/1	0	0	464	235	207	14	8	0.01	4.16	2
36240041+	36240064	15.58	58 1-	2 ACSR 6/1	0	0	462	234	204	14	8	0.01	4.17	2
36240042+	36240041	15.65	1 1-	2 ACSR 6/1	0	0	460	234	7	0	0	0.00	4.17	0
36240037+	36240041	15.69	6 1-	2 ACSR 6/1	0	0	459	234	17	1	1	0.00	4.17	0
36240038+	36240037	15.77	5 1-	2 ACSR 6/1	0	0	456	233	14	0	1	0.00	4.18	0
D36-24-P003+	36240038	15.77	3 1-	REC-15-E	0	0	456	233	10	0	4	0.00	4.18	0
36240008+	D36-24-P003	15.93	3 1-	2 ACSR 6/1	0	0	452	232	10	0	0	0.00	4.18	0
36230006+	36240008	16.02	1 1-	2 ACSR 6/1	0	0	449	231	6	0	0	0.00	4.18	0
36230002+	36240008	16.04	2 1-	2 ACSR 6/1	0	0	448	231	4	0	0	0.00	4.18	0
36230008+	36230002	16.58	2 1-	2 ACSR 6/1	0	0	433	227	4	0	0	0.00	4.18	0
36230007+	36230002	16.08	0 1-	2 ACSR 6/1	0	0	447	231	0	0	0	0.00	4.18	0
36240006+	36240041	15.64	51 1-	2 ACSR 6/1	0	0	460	234	181	12	7	0.01	4.18	2
D36-24-P035+	36240006	15.64	2 1-	REC-25-E	0	0	460	234	12	0	3	0.00	4.18	0
36240052+	D36-24-P035	15.68	2 1-	2 ACSR 6/1	0	0	459	234	12	0	0	0.00	4.18	0
36240053+	36240006	15.79	49 1-	2 ACSR 6/1	0	0	456	233	168	11	6	0.03	4.21	3
36240054+	36240053	15.84	47 1-	2 ACSR 6/1	0	0	454	232	154	10	6	0.01	4.22	1
36240056+	36240054	15.90	45 1-	2 ACSR 6/1	0	0	453	232	152	10	6	0.01	4.23	0
36240057+	36240056	15.94	44 1-	2 ACSR 6/1	0	0	451	232	145	9	6	0.01	4.23	0
36240059+	36240057	15.99	2 1-	2 ACSR 6/1	0	0	450	231	9	0	0	0.00	4.23	0
36240047+	36240057	16.01	29 1-	2 ACSR 6/1	0	0	449	231	107	7	4	0.01	4.24	0
36240048+	36240047	16.08	27 1-	2 ACSR 6/1	0	0	447	231	97	6	4	0.01	4.25	0
36240049+	36240048	16.13	26 1-	2 ACSR 6/1	0	0	446	230	93	6	4	0.00	4.25	0
36240050+	36240049	16.30	25 1-	2 ACSR 6/1	0	0	441	229	86	5	3	0.02	4.27	1
36240035+	36240050	16.47	25 1-	2 ACSR 6/1	0	0	436	228	86	5	3	0.01	4.28	0
36240051+	36240035	16.54	22 1-	2 ACSR 6/1	0	0	434	227	72	5	3	0.01	4.29	0
36140028+	36240051	16.60	1 1-	2 ACSR 6/1	0	0	433	227	5	0	0	0.00	4.29	0
36140027+	36240051	16.60	21 1-	2 ACSR 6/1	0	0	433	227	67	4	3	0.00	4.29	0
36140036+	36140027	16.81	20 1-	2 ACSR 6/1	0	0	427	225	59	4	2	0.01	4.30	0
36140037+	36140036	17.02	19 1-	2 ACSR 6/1	0	0	422	224	55	3	2	0.01	4.32	0
36140040+	36140037	17.13	4 1-	2 ACSR 6/1	0	0	419	223	9	0	0	0.00	4.32	0
36140041+	36140040	17.16	0 1-	2 ACSR 6/1	0	0	418	223	0	0	0	0.00	4.32	0
36140044+	36140040	17.26	1 1-	2 ACSR 6/1	0	0	415	222	6	0	0	0.00	4.32	0
36140039+	36140037	17.07	1 1-	2 ACSR 6/1	0	0	420	224	1	0	0	0.00	4.32	0
36140038+	36140037	17.07	2 1-	2 ACSR 6/1	0	0	420	224	9	0	0	0.00	4.32	0
36140043+	36140038	17.10	0 1-	2 ACSR 6/1	0	0	420	223	0	0	0	0.00	4.32	0
36140007+	36140037	17.14	12 1-	2 ACSR 6/1	0	0	419	223	36	2	1	0.00	4.32	0
36140029+	36140007	17.22	1 1-	2 ACSR 6/1	0	0	417	223	1	0	0	0.00	4.32	0
36140008+	36140007	17.24	11 1-	2 ACSR 6/1	0	0	416	222	35	2	1	0.00	4.33	0
36140030+	36140008	17.29	2 1-	2 ACSR 6/1	0	0	415	222	3	0	0	0.00	4.33	0
36140034+	36140008	17.31	9 1-	2 ACSR 6/1	0	0	414	222	32	2	1	0.00	4.33	0
36140031+	36140034	17.39	9 1-	2 ACSR 6/1	0	0	412	221	32	2	1	0.00	4.33	0
36140032+	36140031	17.43	7 1-	2 ACSR 6/1	0	0	411	221	22	1	1	0.00	4.33	0
36140042+	36140032	17.48	5 1-	2 ACSR 6/1	0	0	410	221	20	1	1	0.00	4.33	0
36140033+	36140042	17.52	4 1-	2 ACSR 6/1	0	0	409	221	16	1	1	0.00	4.33	0
36040001+	36140033	17.55	3 1-	2 ACSR 6/1	0	0	408	220	10	0	0	0.00	4.33	0
36040002+	36040001	17.57	2 1-	2 ACSR 6/1	0	0	408	220	10	0	0	0.00	4.33	0
36040003+	36040002	17.73	1 1-	2 ACSR 6/1	0	0	404	219	6	0	0	0.00	4.33	0
36140035+	36140027	16.63	1 1-	2 ACSR 6/1	0	0	432	227	8	0	0	0.00	4.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36240036+	36240035	16.54	1 1-	2 ACSR 6/1	0	0	434	227	6	0	0	0.00	4.28	0
36240058+	36240049	16.18	1 1-	2 ACSR 6/1	0	0	444	230	7	0	0	0.00	4.25	0
36240046+	36240057	15.99	6 1-	2 ACSR 6/1	0	0	450	231	16	1	1	0.00	4.23	0
36240043+	36240057	15.97	7 1-	2 ACSR 6/1	0	0	450	231	12	0	0	0.00	4.23	0
D36-24-P042+	36240043	15.97	7 1-	REC-15-E	0	0	450	231	12	0	6	0.00	4.23	0
36240007+	D36-24-P042	16.04	7 1-	2 ACSR 6/1	0	0	448	231	12	0	0	0.00	4.23	0
36240044+	36240007	16.11	2 1-	2 ACSR 6/1	0	0	446	230	3	0	0	0.00	4.23	0
36240061+	36240007	16.29	5 1-	2 ACSR 6/1	0	0	441	229	9	0	0	0.00	4.24	0
36240062+	36240061	16.55	5 1-	2 ACSR 6/1	0	0	434	227	9	0	0	0.00	4.24	0
36240045+	36240062	16.59	3 1-	2 ACSR 6/1	0	0	433	227	5	0	0	0.00	4.24	0
36240060+	36240045	17.00	2 1-	2 ACSR 6/1	0	0	422	224	5	0	0	0.00	4.24	0
36240055+	36240054	15.88	2 1-	2 ACSR 6/1	0	0	453	232	2	0	0	0.00	4.22	0
36240063+	36240053	15.84	1 1-	2 ACSR 6/1	0	0	454	232	7	0	0	0.00	4.21	0
36240039+	36340020	15.44	1 1-	2 ACSR 6/1	0	0	466	236	8	0	0	0.00	4.13	0
36440006+	36440005	14.13	1 1-	2 ACSR 6/1	0	0	511	246	12	0	0	0.00	3.81	0
36440004+	36540012	14.10	0 1-	2 ACSR 6/1	0	0	512	246	0	0	0	0.00	3.79	0
36540010+	36540013	12.43	53 3-	2 ACSR 6/1	759	684	583	261	252	5	3	-0.01	2.93	4
36640028+	36540010	12.49	1 1-	2 ACSR 6/1	0	0	580	261	3	0	0	0.00	3.04	0
36640004+	36540010	12.51	52 1-	2 ACSR 6/1	0	0	579	260	249	17	9	0.02	3.06	4
D36-64-P012+	36640004	12.51	52 1-	REC-50-E	0	0	579	260	249	17	34	5.00	3.06	0
36640029+	D36-64-P012	12.79	52 1-	2 ACSR 6/1	0	0	566	258	249	17	9	0.07	3.13	14
36640022+	36640029	13.07	51 1-	2 ACSR 6/1	0	0	554	255	242	16	9	0.07	3.20	13
36640023+	36640022	13.34	50 1-	2 ACSR 6/1	0	0	542	253	239	16	9	0.07	3.27	13
36640024+	36640023	13.39	0 1-	2 ACSR 6/1	0	0	540	252	0	0	0	0.00	3.27	0
36640005+	36640023	13.43	50 1-	2 ACSR 6/1	0	0	538	252	239	16	9	0.02	3.29	4
36640026+	36640005	13.50	49 1-	2 ACSR 6/1	0	0	536	251	239	16	9	0.02	3.31	3
36640019+	36640026	13.56	48 1-	2 ACSR 6/1	0	0	533	251	238	16	9	0.02	3.33	3
36740019+	36640019	13.65	48 1-	2 ACSR 6/1	0	0	530	250	238	16	9	0.02	3.35	4
36740020+	36740019	13.69	47 1-	2 ACSR 6/1	0	0	528	250	236	16	9	0.01	3.36	2
36740021+	36740020	13.74	46 1-	2 ACSR 6/1	0	0	526	249	232	15	9	0.01	3.37	2
36740022+	36740021	13.81	43 1-	2 ACSR 6/1	0	0	523	249	225	15	9	0.02	3.38	3
36740013+	36740022	13.97	40 1-	2 ACSR 6/1	0	0	517	247	208	14	8	0.04	3.42	6
36740014+	36740013	14.01	39 1-	2 ACSR 6/1	0	0	516	247	201	13	8	0.01	3.43	1
D36-74-P002+	36740014	14.01	39 1-	REC-35-E	0	0	516	247	201	13	40	0.00	3.43	0
36740015+	D36-74-P002	14.05	39 1-	2 ACSR 6/1	0	0	514	247	201	13	8	0.01	3.43	0
36740016+	36740015	14.09	37 1-	2 ACSR 6/1	0	0	513	246	196	13	7	0.01	3.44	1
36740017+	36740016	14.18	36 1-	2 ACSR 6/1	0	0	509	246	193	13	7	0.02	3.46	3
36740018+	36740017	14.39	36 1-	2 ACSR 6/1	0	0	502	244	193	13	7	0.04	3.50	7
36730004+	36740018	14.44	36 1-	2 ACSR 6/1	0	0	500	243	193	13	7	0.01	3.51	2
36730028+	36730004	14.54	15 1-	2 ACSR 6/1	0	0	496	243	83	5	3	0.01	3.52	0
36730029+	36730028	14.63	13 1-	2 ACSR 6/1	0	0	493	242	72	4	3	0.01	3.53	0
36730030+	36730029	14.69	13 1-	2 ACSR 6/1	0	0	491	241	72	4	3	0.00	3.53	0
36730032+	36730030	14.75	11 1-	2 ACSR 6/1	0	0	489	241	60	4	2	0.00	3.54	0
36730033+	36730032	14.79	9 1-	2 ACSR 6/1	0	0	488	241	46	3	2	0.00	3.54	0
36730034+	36730033	14.85	2 1-	2 ACSR 6/1	0	0	486	240	14	0	1	0.00	3.54	0
36730035+	36730034	14.90	2 1-	2 ACSR 6/1	0	0	484	240	14	0	1	0.00	3.54	0
36730040+	36730035	14.94	1 1-	2 ACSR 6/1	0	0	482	239	8	0	0	0.00	3.54	0
36730005+	36730033	14.83	7 1-	2 ACSR 6/1	0	0	486	240	33	2	1	0.00	3.54	0
36730037+	36730005	14.89	1 1-	2 ACSR 6/1	0	0	484	240	7	0	0	0.00	3.54	0
36730036+	36730005	14.85	2 1-	2 ACSR 6/1	0	0	486	240	10	0	0	0.00	3.54	0
36730006+	36730005	15.63	4 1-	2 ACSR 6/1	0	0	461	234	16	1	1	0.01	3.55	0
36720008+	36730006	15.90	3 1-	2 ACSR 6/1	0	0	452	232	16	1	1	0.00	3.56	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36720010+	36720008	15.96	2 1-	2 ACSR 6/1	0	0	451	232	11	0	0	0.00	3.56	0
36720011+	36720010	16.05	1 1-	2 ACSR 6/1	0	0	448	231	6	0	0	0.00	3.56	0
36720012+	36720011	16.11	0 1-	2 ACSR 6/1	0	0	446	230	0	0	0	0.00	3.56	0
36720009+	36720008	15.96	1 1-	2 ACSR 6/1	0	0	451	232	5	0	0	0.00	3.56	0
36720007+	36730006	15.87	1 1-	2 ACSR 6/1	0	0	453	232	0	0	0	0.00	3.55	0
36730031+	36730030	14.74	1 1-	2 ACSR 6/1	0	0	489	241	6	0	0	0.00	3.53	0
36730038+	36730004	14.52	21 1-	2 ACSR 6/1	0	0	497	243	110	7	4	0.01	3.52	0
36730024+	36730038	14.56	20 1-	2 ACSR 6/1	0	0	496	243	105	7	4	0.00	3.53	0
36730026+	36730024	14.70	16 1-	2 ACSR 6/1	0	0	491	241	88	6	3	0.01	3.54	0
36730027+	36730026	14.75	1 1-	2 ACSR 6/1	0	0	489	241	2	0	0	0.00	3.54	0
36730039+	36730026	14.75	14 1-	2 ACSR 6/1	0	0	489	241	83	5	3	0.00	3.54	0
36830014+	36730039	14.78	12 1-	2 ACSR 6/1	0	0	488	241	72	4	3	0.00	3.55	0
36830019+	36830014	14.84	8 1-	2 ACSR 6/1	0	0	486	240	51	3	2	0.00	3.55	0
36830020+	36830019	14.92	7 1-	2 ACSR 6/1	0	0	483	240	44	3	2	0.00	3.55	0
36830002+	36830020	15.10	2 1-	2 ACSR 6/1	0	0	477	238	14	0	1	0.00	3.55	0
36830003+	36830002	15.13	0 1-	2 ACSR 6/1	0	0	476	238	0	0	0	0.00	3.55	0
36830021+	36830020	15.01	3 1-	2 ACSR 6/1	0	0	480	239	16	1	1	0.00	3.55	0
36830001+	36830021	15.04	2 1-	2 ACSR 6/1	0	0	479	239	9	0	0	0.00	3.55	0
36830016+	36830014	14.85	3 1-	2 ACSR 6/1	0	0	486	240	16	1	1	0.00	3.55	0
36830017+	36830016	14.88	2 1-	2 ACSR 6/1	0	0	485	240	11	0	0	0.00	3.55	0
36830018+	36830017	15.09	1 1-	2 ACSR 6/1	0	0	478	238	7	0	0	0.00	3.55	0
36830015+	36830014	14.82	1 1-	2 ACSR 6/1	0	0	487	240	5	0	0	0.00	3.55	0
36730025+	36730024	14.62	2 1-	2 ACSR 6/1	0	0	493	242	7	0	0	0.00	3.53	0
36740012+	36740022	13.87	2 1-	2 ACSR 6/1	0	0	521	248	13	0	1	0.00	3.38	0
36640025+	36640005	13.49	1 1-	2 ACSR 6/1	0	0	536	252	0	0	0	0.00	3.29	0
36550054+	36550053	11.31	1 1-	2 ACSR 6/1	0	0	631	269	6	0	0	0.00	2.90	0
36550049+	36550066	11.04	2 1-	2 ACSR 6/1	0	0	644	271	5	0	0	0.00	2.42	0
36550050+	36550049	11.12	1 1-	2 ACSR 6/1	0	0	639	270	2	0	0	0.00	2.42	0
36550047+	36450008	10.57	1 2-	1/0 ACSR 6/1	0	806	668	275	2	0	0	0.00	2.59	0
36460016+	36460015	9.66	2 1-	2 ACSR 6/1	0	0	716	281	3	0	0	0.00	2.41	0
36460024+	36460023	9.31	1 1-	2 ACSR 6/1	0	0	739	284	2	0	0	0.00	2.41	0
36360021+	36360002	8.72	1 1-	2 ACSR 6/1	0	0	778	289	6	0	0	0.00	2.50	0
36360017+	36370046	8.25	12 1-	2 ACSR 6/1	0	0	812	293	42	2	2	0.00	2.13	0
D36-37-P095+	36360017	8.25	12 1-	RBC-25-E	0	0	812	293	42	2	11	0.00	2.13	0
36370047+	D36-37-P095	8.29	12 1-	2 ACSR 6/1	0	0	809	292	42	2	2	0.00	2.13	0
36370057+	36370047	8.35	9 1-	2 ACSR 6/1	0	0	804	292	33	2	1	0.00	2.14	0
36370058+	36370057	8.44	8 1-	2 ACSR 6/1	0	0	796	291	27	1	1	0.00	2.14	0
36370049+	36370058	8.48	6 1-	2 ACSR 6/1	0	0	792	290	18	1	1	0.00	2.14	0
36370050+	36370049	8.65	5 1-	2 ACSR 6/1	0	0	778	288	16	1	1	0.00	2.14	0
36370051+	36370050	8.75	3 1-	2 ACSR 6/1	0	0	769	287	12	0	0	0.00	2.14	0
36370043+	36370042	8.00	0 1-	2 ACSR 6/1	0	0	832	295	0	0	0	0.00	1.94	0
36370053+	36370052	7.80	2 1-	2 ACSR 6/1	0	0	848	296	10	0	0	0.00	2.04	0
36470034+	36470037	7.48	5 1-	2 ACSR 6/1	0	0	874	299	25	1	1	0.00	1.68	0
36470083+	36470034	7.58	4 1-	2 ACSR 6/1	0	0	863	298	20	1	1	0.00	1.68	0
36470105+	36470034	7.51	1 1-	2 ACSR 6/1	0	0	871	299	5	0	0	0.00	1.68	0
36470104+	36470036	7.35	2 1-	2 ACSR 6/1	0	0	884	300	10	0	0	0.00	1.95	0
36470110+	36470038	6.94	1 1-	2 ACSR 6/1	0	0	921	303	6	0	0	0.00	1.87	0
36470090+	36470099	6.60	2 1-	2 ACSR 6/1	0	0	952	305	8	0	0	0.00	1.79	0
36470098+	36470101	6.42	1 1-	2 ACSR 6/1	0	0	970	307	10	0	0	0.00	1.63	0
36470097+	36470121	6.31	1 1-	2 ACSR 6/1	0	0	981	308	5	0	0	0.00	1.72	0
36470106+	36470121	6.31	1 1-	2 ACSR 6/1	0	0	981	308	5	0	0	0.00	1.72	0
36570022+	36570021	6.08	2 1-	2 ACSR 6/1	0	0	1007	310	9	0	0	0.00	1.60	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36570024+	36570018	5.88	2 1-	2 ACSR 6/1	0	0	1028	311	12	0	0	0.00	1.59	0
36570017+	36570015	5.80	2 1-	2 ACSR 6/1	0	0	1037	312	10	0	0	0.00	1.59	0
365800028+	365800035	5.46	1 1-	2 ACSR 6/1	0	0	1078	314	4	0	0	0.00	1.54	0
365800024+	365800022	5.39	2 1-	2 ACSR 6/1	0	0	1087	315	10	0	0	0.00	1.53	0
365800023+	365800022	5.38	1 1-	2 ACSR 6/1	0	0	1089	315	9	0	0	0.00	1.43	0
365800021+	365800030	5.29	1 1-	2 ACSR 6/1	0	0	1100	316	4	0	0	0.00	1.51	0
365800033+	365800032	4.98	2 1-	2 ACSR 6/1	0	0	1142	318	21	1	1	0.00	1.58	0
366800019+	365800003	4.53	0 1-	2 ACSR 6/1	0	0	1208	322	0	0	0	0.00	1.56	0
366900093+	366900034	3.97	2 1-	2 ACSR 6/1	0	0	1303	327	9	0	0	0.00	1.21	0
366900094+	366900093	4.02	1 1-	2 ACSR 6/1	0	0	1290	326	4	0	0	0.00	1.21	0
366900092+	366900033	3.84	2 1-	2 ACSR 6/1	0	0	1327	328	6	0	0	0.00	1.27	0
366900091+	366900097	3.79	3 1-	2 ACSR 6/1	0	0	1337	328	4	0	0	0.00	1.27	0
36690106+	36690105	3.30	1 1-	2 ACSR 6/1	0	0	1437	332	6	0	0	0.00	1.51	0
367900260+	36790207	2.50	2 1-	2 ACSR 6/1	0	0	1632	339	15	1	1	0.00	1.02	0
36790268+	36790260	2.53	1 1-	2 ACSR 6/1	0	0	1622	339	8	0	0	0.00	1.02	0
36790221+	36790222	2.43	1 1-	2 ACSR 6/1	0	0	1650	340	4	0	0	0.00	1.00	0
36790204+	36790222	2.40	3 1-	2 ACSR 6/1	0	0	1661	340	18	1	1	0.00	0.90	0
36790205+	36790204	2.43	2 1-	2 ACSR 6/1	0	0	1652	340	16	1	1	0.00	0.90	0
36790206+	36790205	2.51	2 1-	2 ACSR 6/1	0	0	1623	339	16	1	1	0.00	0.90	0
36790208+	36790229	2.34	141 3-	1/0 ACSR 6/1	1854	1796	1683	341	819	18	8	0.02	1.12	10
36790187+	36790208	2.41	6 1-	2 ACSR 6/1	0	0	1656	340	35	2	1	0.00	1.49	0
37720125+	36790187	2.43	4 1-	2 ACSR 6/1	0	0	1649	339	25	1	1	0.00	1.49	0
37720127+	37720125	2.46	3 1-	2 ACSR 6/1	0	0	1638	339	20	1	1	0.00	1.50	0
37720128+	37720127	2.51	2 1-	2 ACSR 6/1	0	0	1622	338	15	0	1	0.00	1.50	0
37720129+	37720128	2.53	1 1-	2 ACSR 6/1	0	0	1614	338	9	0	0	0.00	1.50	0
37720126+	37720125	2.47	1 1-	2 ACSR 6/1	0	0	1636	339	5	0	0	0.00	1.49	0
36790154+	36790208	2.45	130 3-	1/0 ACSR 6/1	1825	1765	1649	340	760	17	8	0.03	1.14	12
37720134+	36790154	2.48	128 3-	1/0 ACSR 6/1	1817	1756	1638	339	745	16	7	0.01	1.14	4
37720135+	37720134	2.51	127 3-	1/0 ACSR 6/1	1811	1749	1631	339	739	16	7	0.01	1.14	3
37720085+	37720135	2.56	118 3-	1/0 ACSR 6/1	1798	1735	1616	339	699	15	7	0.01	1.15	5
37720086+	37720085	2.60	113 3-	1/0 ACSR 6/1	1786	1722	1603	338	681	15	7	0.01	1.16	5
D37-72-P009+	37720086	2.60	14 1-	RCR-35-E	0	0	1603	338	56	3	11	0.00	1.57	0
37720108+	D37-72-P009	2.64	14 1-	2 ACSR 6/1	0	0	1591	338	56	3	2	0.00	1.57	0
37720109+	37720108	2.66	12 1-	2 ACSR 6/1	0	0	1584	337	48	3	2	0.00	1.57	0
37720122+	37720109	2.70	7 1-	2 ACSR 6/1	0	0	1571	337	34	2	1	0.00	1.57	0
37720121+	37720122	2.76	1 1-	2 ACSR 6/1	0	0	1553	336	4	0	0	0.00	1.57	0
37720120+	37720122	2.74	4 1-	2 ACSR 6/1	0	0	1560	336	18	1	1	0.00	1.57	0
37720078+	37720120	2.98	4 1-	2 ACSR 6/1	0	0	1487	333	18	1	1	0.00	1.58	0
37720088+	37720078	3.03	3 1-	2 ACSR 6/1	0	0	1472	332	13	0	0	0.00	1.58	0
37620004+	37720088	3.33	2 1-	2 ACSR 6/1	0	0	1391	328	7	0	0	0.00	1.58	0
37620005+	37620004	3.46	1 1-	2 ACSR 6/1	0	0	1358	326	1	0	0	0.00	1.58	0
37620003+	37720088	3.13	1 1-	2 ACSR 6/1	0	0	1445	331	5	0	0	0.00	1.58	0
37720110+	37720109	2.73	5 1-	2 ACSR 6/1	0	0	1562	336	15	0	1	0.00	1.57	0
37720119+	37720110	2.80	1 1-	2 ACSR 6/1	0	0	1540	335	4	0	0	0.00	1.57	0
37720011+	37720086	2.68	96 3-	1/0 ACSR 6/1	1770	1704	1583	337	612	13	6	0.02	1.17	5
37720089+	37720011	2.73	96 3-	1/0 ACSR 6/1	1756	1690	1568	337	612	13	6	0.01	1.17	4
37720091+	37720089	2.81	94 3-	1/0 ACSR 6/1	1737	1669	1546	336	600	13	6	0.02	1.18	5
37720087+	37720091	2.92	91 3-	1/0 ACSR 6/1	1713	1643	1518	335	591	13	6	0.02	1.20	7
37720010+	37720087	3.02	24 3-	1/0 ACSR 6/1	1690	1618	1492	334	114	2	1	0.01	1.20	0
37720103+	37720010	3.11	15 3-	1/0 ACSR 6/1	1672	1598	1471	333	77	1	1	0.00	1.20	0
37720105+	37720103	3.14	1 1-	2 ACSR 6/1	0	0	1461	333	1	0	0	0.00	1.05	0
37720104+	37720103	3.26	12 3-	1/0 ACSR 6/1	1639	1563	1434	332	69	1	1	0.01	1.20	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
37720132+	37720104	3.56	3 3-	1/0 ACSR 6/1	1580	1500	1369	329	25	0	0	0.00	1.20	0
37730060+	37720132	3.67	0 3-	1/0 ACSR 6/1	1558	1477	1346	328	0	0	0	0.00	1.20	0
37-73-P002-B+	37730060	3.67	0 3-	Open	1558	1477	1346	328	0	0	0	0.00	1.20	0
37730059+	37720132	3.62	1 1-	2 ACSR 6/1	0	0	1354	328	10	0	0	0.00	1.66	0
37720107+	37720104	3.31	9 1-	2 ACSR 6/1	0	0	1422	331	44	2	2	0.00	1.66	0
37720093+	37720107	3.40	4 1-	2 ACSR 6/1	0	0	1399	330	21	1	1	0.00	1.66	0
37720094+	37720093	3.47	2 1-	2 ACSR 6/1	0	0	1379	329	9	0	0	0.00	1.66	0
37720095+	37720094	3.54	1 1-	2 ACSR 6/1	0	0	1362	328	7	0	0	0.00	1.66	0
37720111+	37720095	3.66	1 1-	2 ACSR 6/1	0	0	1334	326	7	0	0	0.00	1.66	0
37720092+	37720107	3.34	4 1-	2 ACSR 6/1	0	0	1414	331	17	1	1	0.00	1.66	0
37720123+	37720092	3.38	2 1-	2 ACSR 6/1	0	0	1403	330	11	0	0	0.00	1.66	0
37720124+	37720123	3.41	1 1-	2 ACSR 6/1	0	0	1394	329	4	0	0	0.00	1.66	0
37720102+	37720010	3.07	2 1-	2 ACSR 6/1	0	0	1479	333	5	0	0	0.00	1.65	0
37720097+	37720010	3.16	7 1-	2 ACSR 6/1	0	0	1453	332	32	2	1	0.00	1.65	0
37720098+	37720097	3.28	3 1-	2 ACSR 6/1	0	0	1420	330	17	1	1	0.00	1.65	0
37720100+	37720098	3.33	3 1-	2 ACSR 6/1	0	0	1406	330	17	1	1	0.00	1.65	0
37720101+	37720100	3.38	1 1-	2 ACSR 6/1	0	0	1395	329	9	0	0	0.00	1.65	0
37720099+	37720098	3.32	0 1-	2 ACSR 6/1	0	0	1410	330	0	0	0	0.00	1.65	0
37720015+	37720087	3.16	67 3-	1/0 ACSR 6/1	1661	1587	1459	333	477	10	5	0.04	1.22	9
37720017+	37720015	3.17	2 3-	1/0 ACSR 6/1	1659	1584	1457	333	268	6	3	0.00	1.22	0
37720116+	37720017	3.37	2 3-	1/0 ACSR 6/1	1617	1540	1410	331	268	6	3	0.01	1.23	2
37720230+	37720116	3.37	2 3-	Consumer	1617	1540	1410	331	268	6	0	0.00	1.23	0
37720117+	37720116	3.40	0 3-	1/0 ACSR 6/1	1610	1533	1403	330	0	0	0	0.00	1.23	0
37720118+	37720117	3.49	0 3-	1/0 ACSR 6/1	1592	1513	1383	329	0	0	0	0.00	1.23	0
37720079+	37720117	3.48	0 3-	1/0 ACSR 6/1	1594	1515	1385	329	0	0	0	0.00	1.23	0
37720080+	37720079	3.56	0 3-	1/0 ACSR 6/1	1579	1499	1369	329	0	0	0	0.00	1.23	0
37720081+	37720080	3.58	0 3-	1/0 ACSR 6/1	1575	1495	1364	328	0	0	0	0.00	1.23	0
37720018+	37720017	3.31	0 3-	1/0 ACSR 6/1	1629	1552	1423	331	0	0	0	0.00	1.22	0
37720013+	37720015	3.24	65 3-	1/0 ACSR 6/1	1644	1569	1440	332	209	4	2	0.01	1.22	0
D37-72-P045+	37720013	3.24	65 3-	REC-70-E	1644	1569	1440	332	209	4	7	0.00	1.22	0
37720016+	D37-72-P045	3.42	65 3-	1/0 ACSR 6/1	1606	1528	1398	330	209	4	2	0.02	1.23	2
37720112+	37720016	3.50	65 3-	1/0 ACSR 6/1	1591	1512	1382	329	209	4	2	0.01	1.23	0
37720113+	37720112	3.58	65 3-	1/0 ACSR 6/1	1575	1495	1364	328	209	4	2	0.01	1.23	0
37720440+	37720113	3.58	2 3-	Consumer	1575	1495	1364	328	2	0	0	0.00	1.23	0
37720115+	37720113	3.59	63 3-	1/0 ACSR 6/1	1573	1493	1362	328	207	4	2	0.00	1.24	0
37720133+	37720115	3.97	63 3-	1/0 ACSR 6/1	1503	1420	1288	325	207	4	2	0.04	1.25	4
37730066+	37720133	4.00	46 1-	2 ACSR 6/1	0	0	1281	324	142	9	5	0.00	1.77	0
D37-73-P077+	37730066	4.00	45 1-	REC-35-E	0	0	1281	324	141	9	27	0.00	1.77	0
37730044+	D37-73-P077	4.03	45 1-	2 ACSR 6/1	0	0	1274	324	141	9	5	0.00	1.78	0
37730046+	37730044	4.09	43 1-	2 ACSR 6/1	0	0	1261	323	138	9	5	0.01	1.78	0
37730047+	37730046	4.14	41 1-	2 ACSR 6/1	0	0	1251	322	134	9	5	0.01	1.79	0
37730079+	37730047	4.24	38 1-	2 ACSR 6/1	0	0	1229	321	122	8	5	0.01	1.80	1
37730080+	37730079	4.40	2 1-	2 ACSR 6/1	0	0	1198	319	9	0	0	0.00	1.80	0
37730074+	37730079	4.31	32 1-	2 ACSR 6/1	0	0	1215	320	100	6	4	0.01	1.81	0
37730075+	37730074	4.41	3 1-	2 ACSR 6/1	0	0	1196	319	4	0	0	0.00	1.81	0
37730073+	37730074	4.39	28 1-	2 ACSR 6/1	0	0	1200	319	87	5	3	0.01	1.82	0
37730052+	37730073	4.42	27 1-	2 ACSR 6/1	0	0	1194	319	85	5	3	0.00	1.82	0
37730054+	37730052	4.49	2 1-	2 ACSR 6/1	0	0	1180	318	12	0	0	0.00	1.82	0
37730084+	37730054	4.53	1 1-	2 ACSR 6/1	0	0	1172	317	0	0	0	0.00	1.82	0
37730053+	37730052	4.44	1 1-	2 ACSR 6/1	0	0	1190	318	1	0	0	0.00	1.82	0
37730051+	37730052	4.56	24 1-	2 ACSR 6/1	0	0	1166	317	72	4	3	0.01	1.83	0
37730049+	37730051	4.61	3 1-	2 ACSR 6/1	0	0	1158	316	6	0	0	0.00	1.83	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37730067+	37730049	4.66	2 1-	2 ACSR 6/1	0	0	1149	316	5	0	0	0.00	1.83	0
37730050+	37730049	4.67	1 1-	2 ACSR 6/1	0	0	1147	315	1	0	0	0.00	1.83	0
37730048+	37730051	4.62	3 1-	2 ACSR 6/1	0	0	1157	316	10	0	0	0.00	1.83	0
37730068+	37730048	4.69	1 1-	2 ACSR 6/1	0	0	1143	315	5	0	0	0.00	1.83	0
37730069+	37730048	4.67	2 1-	2 ACSR 6/1	0	0	1147	315	5	0	0	0.00	1.83	0
37730070+	37730051	4.61	17 1-	2 ACSR 6/1	0	0	1159	316	50	3	2	0.00	1.83	0
37730071+	37730070	4.66	16 1-	2 ACSR 6/1	0	0	1149	316	45	3	2	0.00	1.83	0
37730072+	37730071	4.85	15 1-	2 ACSR 6/1	0	0	1116	313	42	2	2	0.01	1.84	0
37730055+	37730072	4.89	14 1-	2 ACSR 6/1	0	0	1108	313	41	2	2	0.00	1.84	0
37730057+	37730055	4.95	12 1-	2 ACSR 6/1	0	0	1099	312	30	2	1	0.00	1.85	0
37730058+	37730057	5.02	9 1-	2 ACSR 6/1	0	0	1087	311	28	1	1	0.00	1.85	0
37730085+	37730058	5.05	6 1-	2 ACSR 6/1	0	0	1083	311	16	1	1	0.00	1.85	0
37730082+	37730085	5.09	5 1-	2 ACSR 6/1	0	0	1075	310	14	0	1	0.00	1.85	0
37730083+	37730082	6.34	4 1-	2 ACSR 6/1	0	0	905	295	14	0	1	0.02	1.87	0
37640026+	37730083	6.39	3 1-	2 ACSR 6/1	0	0	900	295	13	0	1	0.00	1.87	0
37730056+	37730055	4.95	1 1-	2 ACSR 6/1	0	0	1099	312	5	0	0	0.00	1.84	0
37730077+	37730047	4.20	3 1-	2 ACSR 6/1	0	0	1237	322	13	0	0	0.00	1.79	0
37730078+	37730077	4.23	2 1-	2 ACSR 6/1	0	0	1231	321	12	0	0	0.00	1.79	0
37730045+	37730044	4.08	2 1-	2 ACSR 6/1	0	0	1263	323	4	0	0	0.00	1.78	0
37730061+	37720133	4.01	16 3-	2 ACSR 6/1	1494	1410	1278	324	65	1	1	0.00	1.25	0
37730063+	37730061	4.05	13 3-	2 ACSR 6/1	1486	1401	1270	324	57	1	1	0.00	1.25	0
37730081+	37730063	4.23	11 3-	2 ACSR 6/1	1448	1362	1231	321	55	1	1	0.00	1.25	0
37830008+	37730081	4.28	9 3-	2 ACSR 6/1	1438	1351	1221	320	40	0	0	0.00	1.25	0
37830009+	37830008	4.40	8 3-	2 ACSR 6/1	1416	1328	1198	319	39	0	0	0.00	1.26	0
37830002+	37830009	4.56	8 1-	2 ACSR 6/1	0	0	1167	317	39	2	1	0.01	0.94	0
37820004+	37830002	4.62	1 1-	2 ACSR 6/1	0	0	1155	316	4	0	0	0.00	0.94	0
37820005+	37830002	4.65	7 1-	2 ACSR 6/1	0	0	1151	316	35	2	1	0.00	0.95	0
37820006+	37820005	4.96	6 1-	2 ACSR 6/1	0	0	1097	312	33	2	1	0.01	0.96	0
37830010+	37820006	4.99	4 1-	2 ACSR 6/1	0	0	1091	311	24	1	1	0.00	0.96	0
37830007+	37830010	5.51	3 1-	2 ACSR 6/1	0	0	1013	305	17	1	1	0.01	0.96	0
37930002+	37830007	5.63	1 1-	2 ACSR 6/1	0	0	995	303	8	0	0	0.00	0.96	0
37730062+	37730061	4.07	2 1-	2 ACSR 6/1	0	0	1264	323	5	0	0	0.00	1.07	0
37730065+	37730062	4.14	1 1-	2 ACSR 6/1	0	0	1251	322	1	0	0	0.00	1.07	0
37730064+	37730062	4.11	1 1-	2 ACSR 6/1	0	0	1256	323	5	0	0	0.00	1.07	0
37720114+	37720113	3.60	0 1-	2 ACSR 6/1	0	0	1360	328	0	0	0	0.00	1.73	0
37720096+	37720091	2.85	2 1-	2 ACSR 6/1	0	0	1535	336	8	0	0	0.00	1.04	0
37720090+	37720089	2.77	1 1-	2 ACSR 6/1	0	0	1556	336	5	0	0	0.00	1.60	0
37720083+	37720135	2.54	4 1-	2 ACSR 6/1	0	0	1621	339	22	1	1	0.00	1.54	0
37720084+	37720083	2.61	2 1-	2 ACSR 6/1	0	0	1597	338	8	0	0	0.00	1.54	0
37720082+	37720135	2.54	3 1-	2 ACSR 6/1	0	0	1621	339	11	0	0	0.00	1.00	0
36790209+	36790208	2.38	5 3-	1/0 ACSR 6/1	1842	1783	1668	340	24	0	0	0.00	1.12	0
36790210+	36790209	2.43	4 3-	1/0 ACSR 6/1	1831	1771	1655	340	14	0	0	0.00	1.12	0
37720136+	36790210	2.47	1 3-	1/0 ACSR 6/1	1819	1757	1640	339	0	0	0	0.00	1.12	0
36790263+	37720136	2.65	1 3-	1/0 ACSR 6/1	1776	1710	1590	338	0	0	0	0.00	1.12	0
37720014+	36790210	2.51	3 1-	2 ACSR 6/1	0	0	1627	339	14	0	1	0.00	0.88	0
37720131+	37720014	2.56	2 1-	2 ACSR 6/1	0	0	1611	338	7	0	0	0.00	0.88	0
37720130+	37720014	2.55	1 1-	2 ACSR 6/1	0	0	1613	338	7	0	0	0.00	0.88	0
36790227+	36790226	2.17	1 1-	2 ACSR 6/1	0	0	1729	342	2	0	0	0.00	1.38	0
36790228+	36790227	2.21	0 1-	2 ACSR 6/1	0	0	1715	341	0	0	0	0.00	1.38	0
36790225+	36790271	2.08	7 1-	2 ACSR 6/1	0	0	1759	343	21	1	1	0.00	1.34	0
36790230+	36790225	2.14	1 1-	2 ACSR 6/1	0	0	1736	342	7	0	0	0.00	1.34	0
36790224+	36790271	2.03	2 1-	2 ACSR 6/1	0	0	1777	344	7	0	0	0.00	1.34	0

Case: 2007 - 2010 CONSTRUCTION WORK PLAN - EXISTING WINTER 2006/07 SYSTEM
Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36790024+	36790160	1.79	1 1-	2 ACSR 6/1	0	0	1865	346	0	0	0	0.00	0.73	0
D36-79-P033+	36790024	1.79	1 1-	REC-50-E	0	0	1865	346	0	0	0	0.00	0.73	0
36790161+	D36-79-P033	1.93	1 1-	2 ACSR 6/1	0	0	1803	344	0	0	0	0.00	0.73	0
36790162+	36790161	2.22	1 1-	2 ACSR 6/1	0	0	1692	340	0	0	0	0.00	0.73	0
36790163+	36790162	2.28	0 1-	2 ACSR 6/1	0	0	1670	339	0	0	0	0.00	0.73	0
36790150+	36790231	1.61	4 1-	2 ACSR 6/1	0	0	1939	348	43	2	2	0.00	0.68	0
36790152+	36790150	1.64	1 1-	2 ACSR 6/1	0	0	1923	348	3	0	0	0.00	0.68	0
36790151+	36790150	1.62	1 1-	2 ACSR 6/1	0	0	1930	348	34	2	1	0.00	0.68	0
36790245+	36790246	1.44	0 1-	2 ACSR 6/1	0	0	2008	350	0	0	0	0.00	1.08	0
36790218+	36780004	1.12	1 3-	1/0 ACSR 6/1	2219	2209	2158	354	13	0	0	0.00	0.60	0
D36-79-P282+	36790218	1.12	0 1-	FUS	0	0	2158	354	0	0	0	0.00	0.83	0
36790267+	D36-79-P282	1.17	0 1-	2 ACSR 6/1	0	0	2131	353	0	0	0	0.00	0.83	0
36880036+	36880037	0.43	1 1-	2 ACSR 6/1	0	0	2536	361	0	0	0	0.00	0.15	0
36880017+	36880011	0.02	0 3-	1/0 ACSR 6/1	2648	2703	2824	366	0	0	0	0.00	0.01	0
36-88-P027-A+	36880017	0.82	0 3-	Open	2648	2703	2824	366	0	0	0	0.00	0.01	0
CKT 1 total losses:		\$5,287												

SUB 51, CKT 2

BK5102+	BLED50E(51)	0.00	174 3-	BK5102	2659	2715	2843	366	2752	60	30	0.00	0.00	0
36880015+	BK5102	0.01	174 3-	1/0 ACSR 6/1	2653	2708	2832	366	2752	60	26	0.01	0.01	16
36880016+	36880015	0.18	174 3-	1/0 ACSR 6/1	2581	2627	2711	364	2752	60	26	0.08	0.09	181
36880041+	36880016	0.36	170 3-	1/0 ACSR 6/1	2505	2541	2588	362	2731	60	26	0.09	0.18	196
36880042+	36880041	0.43	166 3-	1/0 ACSR 6/1	2475	2506	2540	361	2713	60	26	0.03	0.21	78
36880043+	36880042	0.52	165 3-	1/0 ACSR 6/1	2442	2468	2488	360	2711	60	26	0.04	0.25	89
36880044+	36880043	0.57	163 3-	1/0 ACSR 6/1	2422	2445	2457	360	2703	59	26	0.02	0.27	53
36870006+	36880044	0.63	162 3-	1/0 ACSR 6/1	2396	2414	2417	359	2697	59	26	0.03	0.31	71
36870025+	36870006	0.67	158 3-	1/0 ACSR 6/1	2380	2396	2394	358	2682	59	26	0.02	0.32	42
36870026+	36870025	0.75	157 3-	1/0 ACSR 6/1	2351	2362	2349	358	2670	59	26	0.03	0.36	81
36870012+	36870026	0.80	155 3-	1/0 ACSR 6/1	2333	2341	2322	357	2657	58	26	0.02	0.38	49
36870015+	36870012	0.91	151 3-	1/0 ACSR 6/1	2291	2292	2261	356	2641	58	25	0.05	0.44	115
36870017+	36870015	1.00	4 3-	1/0 ACSR 6/1	2259	2256	2215	355	2595	13	6	0.01	0.45	5
36870310+	36870017	1.00	2 3-	Consumer	2259	2256	2215	355	2583	13	0	0.00	0.45	0
36870029+	36870017	1.04	0 3-	1/0 ACSR 6/1	2245	2239	2195	354	0	0	0	0.00	0.45	0
36870016+	36870015	1.11	146 3-	1/0 ACSR 6/1	2222	2212	2162	354	2029	44	20	0.06	0.50	120
36870019+	36870016	1.31	144 3-	1/0 ACSR 6/1	2154	2134	2068	352	1043	23	10	0.02	0.53	38
36870020+	36870019	1.40	142 3-	1/0 ACSR 6/1	2126	2102	2029	351	1032	23	10	0.01	0.54	16
20852069+	36870020	1.60	134 3-	1/0 ACSR 6/1	2062	2029	1944	349	999	22	10	0.03	0.57	37
20852070+	20852069	1.70	133 3-	1/0 ACSR 6/1	2031	1994	1904	347	995	22	10	0.01	0.59	14
20852071+	20852070	1.76	130 3-	1/0 ACSR 6/1	2014	1975	1882	347	985	22	10	0.01	0.59	10
20852072+	20852071	1.83	129 3-	1/0 ACSR 6/1	1994	1952	1856	346	983	22	10	0.01	0.60	12
36860006+	20852072	1.89	127 3-	1/0 ACSR 6/1	1975	1931	1833	345	976	22	10	0.01	0.61	11
20852067+	36860006	1.95	1 1-	2 ACSR 6/1	0	0	1807	345	1	0	0	0.00	0.34	0
36860005+	36860006	1.95	125 3-	1/0 ACSR 6/1	1959	1912	1811	345	970	21	10	0.01	0.62	10
36860007+	36860005	2.00	124 3-	1/0 ACSR 6/1	1945	1897	1794	344	965	21	10	0.01	0.63	8
D36-86-P002+	36860007	2.00	124 3-	REC-70-E	1945	1897	1794	344	965	21	31	0.00	0.63	0
20851844+	D36-86-P002	2.03	124 3-	1/0 ACSR 6/1	1935	1887	1782	344	965	21	10	0.00	0.63	6
20852087+	20851844	2.17	121 3-	1/0 ACSR 6/1	1898	1845	1736	343	953	21	9	0.02	0.65	22
36860010+	20852087	3.18	5 1-	2 ACSR 6/1	0	0	1411	328	13	0	0	0.01	0.63	0
36860011+	36860010	3.27	4 1-	2 ACSR 6/1	0	0	1389	327	13	0	0	0.00	0.63	0
36760011+	36860011	3.34	0 1-	2 ACSR 6/1	0	0	1370	326	0	0	0	0.00	0.63	0
36760007+	36860011	3.38	3 1-	2 ACSR 6/1	0	0	1361	326	9	0	0	0.00	0.63	0
36760008+	36760007	3.44	2 1-	2 ACSR 6/1	0	0	1345	325	7	0	0	0.00	0.63	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36760010+	36760008	3.57	0 1-	2 ACSR 6/1	0	0	1315	323	0	0	0	0.00	0.63	0
36760009+	36760008	3.51	1 1-	2 ACSR 6/1	0	0	1328	324	4	0	0	0.00	0.63	0
36760006+	36860011	3.39	1 1-	2 ACSR 6/1	0	0	1358	325	4	0	0	0.00	0.63	0
20852066+	20852087	2.20	0 1-	2 ACSR 6/1	0	0	1723	342	0	0	0	0.00	0.61	0
20851845+	20852087	2.25	114 3-	1/0 ACSR 6/1	1876	1821	1710	342	936	21	9	0.01	0.66	13
20851846+	20851845	2.34	113 3-	1/0 ACSR 6/1	1853	1795	1681	341	931	21	9	0.01	0.67	14
36860004+	20851846	2.42	4 1-	2 ACSR 6/1	0	0	1653	340	15	1	1	0.00	0.34	0
D36-96-P017+	36860004	2.42	4 1-	REC-25-E	0	0	1653	340	15	1	4	0.00	0.34	0
20850538+	D36-96-P017	2.46	4 1-	2 ACSR 6/1	0	0	1638	339	15	1	1	0.00	0.34	0
20850539+	20850538	2.55	4 1-	2 ACSR 6/1	0	0	1609	338	15	1	1	0.00	0.34	0
20850626+	20850539	2.67	3 1-	2 ACSR 6/1	0	0	1569	336	12	0	0	0.00	0.34	0
20850625+	20850539	2.65	0 1-	2 ACSR 6/1	0	0	1574	336	0	0	0	0.00	0.34	0
20852083+	20851846	2.42	109 3-	1/0 ACSR 6/1	1831	1772	1656	340	916	20	9	0.01	0.68	13
20852085+	20852083	2.51	108 3-	1/0 ACSR 6/1	1810	1747	1630	339	910	20	9	0.01	0.69	13
20852086+	20852085	2.58	107 3-	1/0 ACSR 6/1	1793	1729	1610	338	903	20	9	0.01	0.70	10
20850664+	20852086	2.76	106 3-	1/0 ACSR 6/1	1750	1682	1560	337	900	20	9	0.02	0.72	27
20850665+	20850664	2.84	105 3-	1/0 ACSR 6/1	1732	1663	1539	336	897	20	9	0.01	0.73	11
20850666+	20850665	3.49	104 3-	1/0 ACSR 6/1	1594	1515	1384	329	891	20	9	0.07	0.81	94
20850561+	20850666	3.55	103 3-	1/0 ACSR 6/1	1581	1502	1371	329	886	20	9	0.01	0.81	9
20850562+	20850561	3.72	101 3-	1/0 ACSR 6/1	1548	1467	1336	327	882	20	9	0.02	0.83	25
36950003+	20850562	3.97	101 3-	1/0 ACSR 6/1	1503	1419	1287	325	882	20	9	0.03	0.86	36
41050010+	36950003	4.08	99 3-	1/0 ACSR 6/1	1483	1399	1267	324	871	19	9	0.01	0.87	15
41050008+	41050010	4.17	98 3-	1/0 ACSR 6/1	1468	1383	1251	323	868	19	9	0.01	0.89	12
41050009+	41050008	4.21	97 3-	1/0 ACSR 6/1	1461	1376	1243	322	863	19	9	0.00	0.89	6
41050001+	41050009	4.30	96 3-	1/0 ACSR 6/1	1446	1360	1228	322	858	19	9	0.01	0.90	12
41040016+	41050001	4.39	95 3-	1/0 ACSR 6/1	1430	1344	1212	321	854	19	9	0.01	0.91	13
41040010+	41040016	4.46	94 3-	1/0 ACSR 6/1	1420	1333	1201	320	852	19	9	0.01	0.92	9
41040011+	41040010	4.54	92 3-	1/0 ACSR 6/1	1408	1321	1189	319	844	19	8	0.01	0.93	10
41040013+	41040011	4.63	1 1-	2 ACSR 6/1	0	0	1170	318	3	0	0	0.00	0.30	0
41040014+	41040011	4.59	89 3-	1/0 ACSR 6/1	1400	1312	1180	319	829	19	8	0.01	0.93	7
41040015+	41040014	4.66	88 3-	1/0 ACSR 6/1	1389	1301	1169	318	829	19	8	0.01	0.94	9
41040210+	41040015	4.66	2 3-	Consumer	1389	1301	1169	318	823	10	0	0.00	0.94	0
41040017+	41040015	4.73	86 3-	1/0 ACSR 6/1	1378	1290	1158	318	823	11	5	0.00	0.94	4
41040009+	41040017	4.77	85 3-	1/0 ACSR 6/1	1371	1283	1151	317	823	11	5	0.00	0.94	2
41140014+	41040009	4.85	85 3-	1/0 ACSR 6/1	1361	1272	1141	316	823	11	5	0.00	0.94	4
41140015+	41140014	4.93	85 3-	1/0 ACSR 6/1	1348	1260	1128	316	823	11	5	0.00	0.94	4
41140016+	41140015	4.96	84 3-	1/0 ACSR 6/1	1343	1255	1124	315	823	11	5	0.00	0.94	2
41140017+	41140016	5.03	83 3-	1/0 ACSR 6/1	1334	1246	1115	315	823	11	5	0.00	0.94	3
41140019+	41140017	5.11	81 3-	1/0 ACSR 6/1	1322	1233	1102	314	826	11	5	0.00	0.94	4
41140021+	41140019	5.20	80 3-	1/0 ACSR 6/1	1310	1221	1091	313	823	11	5	0.00	0.94	4
41140022+	41140021	5.26	79 3-	1/0 ACSR 6/1	1302	1212	1082	313	823	11	5	0.00	0.95	3
41140023+	41140022	5.28	79 3-	1/0 ACSR 6/1	1300	1210	1080	313	823	11	5	0.00	0.95	0
41140020+	41140023	5.30	78 3-	1/0 ACSR 6/1	1296	1207	1077	312	826	10	5	0.00	0.95	1
C41-14-P4+	41140020	5.30	0 3-	Capacitor	1296	1207	1077	312	0	-7	0	0.00	0.95	0
41140024+	41140020	5.45	78 3-	1/0 ACSR 6/1	1276	1187	1058	311	826	6	3	0.01	0.95	5
41140025+	41140024	5.58	77 3-	1/0 ACSR 6/1	1259	1170	1041	310	826	6	3	0.01	0.96	4
41140026+	41140025	5.65	75 3-	1/0 ACSR 6/1	1251	1161	1033	309	829	6	3	0.00	0.96	2
41130047+	41140026	5.74	64 3-	2 ACSR 6/1	1237	1147	1019	308	828	5	3	0.00	0.97	5
41130036+	41130047	5.77	1 1-	2 ACSR 6/1	0	0	1014	308	0	0	0	0.00	1.79	0
41130037+	41130036	5.83	0 1-	2 ACSR 6/1	0	0	1007	307	0	0	0	0.00	1.79	0
41130008+	41130047	5.77	63 1-	2 ACSR 6/1	0	0	1015	308	248	16	9	0.01	1.80	2
D41-13-P027+	41130008	5.77	63 1-	REC-25-E	0	0	1015	308	248	16	67	0.00	1.80	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
41130009+	D41-13-P027	5.82	63 1-	2 ACSR 6/1	0	0	1008	307	248	16	9	0.01	1.81	2
41130038+	41130009	5.88	1 1-	2 ACSR 6/1	0	0	1000	306	5	0	0	0.00	1.81	0
41130006+	41130009	5.88	62 1-	2 ACSR 6/1	0	0	1000	306	244	16	9	0.01	1.83	3
41130042+	41130006	6.08	60 1-	2 ACSR 6/1	0	0	972	304	238	16	9	0.05	1.88	9
41130043+	41130042	6.15	58 1-	2 ACSR 6/1	0	0	963	303	228	15	9	0.02	1.89	3
41130044+	41130043	6.20	2 1-	2 ACSR 6/1	0	0	957	302	10	0	0	0.00	1.89	0
41130007+	41130043	6.20	56 1-	2 ACSR 6/1	0	0	958	302	218	14	8	0.01	1.90	2
41130049+	41130007	6.31	52 1-	2 ACSR 6/1	0	0	944	301	209	14	8	0.02	1.93	4
41130051+	41130049	6.42	49 1-	2 ACSR 6/1	0	0	930	300	189	12	7	0.02	1.95	3
41130052+	41130051	6.45	48 1-	2 ACSR 6/1	0	0	927	299	184	12	7	0.01	1.95	0
41130045+	41130052	6.48	5 1-	2 ACSR 6/1	0	0	923	299	4	0	0	0.00	1.95	0
41130053+	41130052	6.70	41 1-	2 ACSR 6/1	0	0	897	296	171	11	6	0.04	2.00	6
41230028+	41130053	6.79	1 1-	2 ACSR 6/1	0	0	888	295	6	0	0	0.00	2.00	0
41230030+	41130053	6.74	36 1-	2 ACSR 6/1	0	0	893	296	141	9	5	0.01	2.00	0
41230031+	41230030	6.80	36 1-	2 ACSR 6/1	0	0	886	295	141	9	5	0.01	2.01	0
41230036+	41230031	6.85	2 1-	2 ACSR 6/1	0	0	881	295	12	0	0	0.00	2.01	0
41230039+	41230036	6.89	1 1-	2 ACSR 6/1	0	0	877	294	6	0	0	0.00	2.01	0
41230032+	41230031	6.83	3 1-	2 ACSR 6/1	0	0	883	295	3	0	0	0.00	2.01	0
41230033+	41230032	6.85	1 1-	2 ACSR 6/1	0	0	881	295	2	0	0	0.00	2.01	0
41230034+	41230033	6.91	1 1-	2 ACSR 6/1	0	0	875	294	2	0	0	0.00	2.01	0
41230005+	41230033	7.00	0 1-	2 ACSR 6/1	0	0	865	293	0	0	0	0.00	2.01	0
41130010+	41230005	7.03	0 1-	2 ACSR 6/1	0	0	861	293	0	0	0	0.00	2.01	0
41230040+	41230031	6.86	27 1-	2 ACSR 6/1	0	0	880	295	111	7	4	0.01	2.02	0
41230041+	41230040	6.89	23 1-	2 ACSR 6/1	0	0	876	294	97	6	4	0.00	2.02	0
41230035+	41230041	6.96	4 1-	2 ACSR 6/1	0	0	869	294	14	0	1	0.00	2.02	0
41230037+	41230041	6.98	19 1-	2 ACSR 6/1	0	0	867	293	84	5	3	0.01	2.03	0
41230038+	41230037	7.02	14 1-	2 ACSR 6/1	0	0	863	293	61	4	2	0.00	2.03	0
41230011+	41230038	7.16	10 1-	2 ACSR 6/1	0	0	848	291	38	2	1	0.01	2.03	0
41230010+	41230011	7.23	7 1-	2 ACSR 6/1	0	0	842	290	30	2	1	0.00	2.04	0
41220008+	41230010	7.26	1 1-	2 ACSR 6/1	0	0	839	290	6	0	0	0.00	2.04	0
41220009+	41220008	7.29	1 1-	2 ACSR 6/1	0	0	835	290	6	0	0	0.00	2.04	0
41220007+	41230010	7.28	5 1-	2 ACSR 6/1	0	0	836	290	23	1	1	0.00	2.04	0
41220010+	41220007	7.32	4 1-	2 ACSR 6/1	0	0	832	289	16	1	1	0.00	2.04	0
41220011+	41220007	7.35	1 1-	2 ACSR 6/1	0	0	830	289	7	0	0	0.00	2.04	0
41230006+	41220011	7.35	1 1-	2 ACSR 6/1	0	0	830	289	7	0	0	0.00	2.04	0
41230009+	41230011	7.18	2 1-	2 ACSR 6/1	0	0	846	291	5	0	0	0.00	2.03	0
41220001+	41230009	7.20	0 1-	2 ACSR 6/1	0	0	844	291	0	0	0	0.00	2.03	0
41230008+	41230038	7.05	4 1-	2 ACSR 6/1	0	0	860	292	23	1	1	0.00	2.03	0
41230007+	41230037	7.00	1 1-	2 ACSR 6/1	0	0	865	293	3	0	0	0.00	2.03	0
41230029+	41130053	6.73	3 1-	2 ACSR 6/1	0	0	894	296	16	1	1	0.00	2.00	0
41230027+	41230029	6.76	2 1-	2 ACSR 6/1	0	0	891	296	13	0	0	0.00	2.00	0
41130050+	41130049	6.35	2 1-	2 ACSR 6/1	0	0	939	301	7	0	0	0.00	1.93	0
41130054+	41130007	6.29	4 1-	2 ACSR 6/1	0	0	946	301	10	0	0	0.00	1.90	0
41130055+	41130054	6.33	1 1-	2 ACSR 6/1	0	0	941	301	3	0	0	0.00	1.90	0
41130048+	41130054	6.34	2 1-	2 ACSR 6/1	0	0	940	301	5	0	0	0.00	1.90	0
41130039+	41130006	5.92	2 1-	2 ACSR 6/1	0	0	995	306	5	0	0	0.00	1.83	0
41130040+	41130039	5.95	2 1-	2 ACSR 6/1	0	0	991	305	5	0	0	0.00	1.83	0
41130041+	41130040	5.97	2 1-	2 ACSR 6/1	0	0	988	305	5	0	0	0.00	1.83	0
41130046+	41140026	5.68	1 1-	2 ACSR 6/1	0	0	1027	309	2	0	0	0.00	1.77	0
41130034+	41140026	5.77	9 1-	2 ACSR 6/1	0	0	1015	308	33	2	1	0.00	0.92	0
41130035+	41130034	5.80	8 1-	2 ACSR 6/1	0	0	1011	307	27	1	1	0.00	0.92	0
D41-13-P018+	41130035	5.80	8 1-	REC-25-E	0	0	1011	307	27	1	7	0.00	0.92	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 53 HINKLE(53)		2388			5101	5199	5367	196	10212						
SUB 53, CRT 1															
BK5301	HINKLE(53)	0.00	970 3-	BK5301	5101	5199	5367	196	3911	163	87	0.00	0.00	0	
11920019	BK5301	0.03	970 3-	336 ACSR 18/1	5027	5109	5236	196	3911	163	31	0.02	0.03	84	
11920020	11920019	0.14	969 3-	336 ACSR 18/1	4806	4843	4857	196	3910	163	31	0.06	0.11	264	
11820088	11920020	0.26	967 3-	336 ACSR 18/1	4580	4575	4493	195	3901	162	31	0.07	0.21	293	
11820089	11820088	0.29	967 3-	336 ACSR 18/1	4530	4517	4416	195	3898	162	31	0.02	0.23	68	
11820087	11820089	0.31	15 1-	2 ACSR 6/1	0	0	4331	195	58	7	4	0.00	0.18	0	
D11-82-P057	11820087	0.31	13 1-	FUS	0	0	4331	195	47	5	135	0.00	0.18	0	
11820078	D11-82-P057	0.35	13 1-	2 ACSR 6/1	0	0	4195	195	47	5	3	0.01	0.19	0	
11820079	11820078	0.39	13 1-	2 ACSR 6/1	0	0	4069	195	47	5	3	0.01	0.19	0	
11820080	11820079	0.42	12 1-	2 ACSR 6/1	0	0	3958	194	45	5	3	0.00	0.20	0	
11820081	11820080	0.46	10 1-	2 ACSR 6/1	0	0	3825	194	35	4	2	0.00	0.20	0	
11820072	11820081	0.58	8 1-	2 ACSR 6/1	0	0	3443	193	28	3	2	0.01	0.21	0	
11920025	11820072	0.63	2 1-	2 ACSR 6/1	0	0	3322	193	10	1	1	0.00	0.21	0	
11920026	11920025	0.66	1 1-	2 ACSR 6/1	0	0	3234	192	1	0	0	0.00	0.21	0	
11820082	11820089	0.54	952 3-	336 ACSR 18/1	4134	4061	3833	195	3840	160	30	0.15	0.42	579	
11820084	11820082	0.57	951 3-	336 ACSR 18/1	4092	4013	3775	195	3831	160	30	0.02	0.44	68	
11820096	11820084	0.60	949 3-	336 ACSR 18/1	4045	3960	3710	195	3829	160	30	0.02	0.47	77	
D11-82-P030	11820096	0.60	3 1-	FUS	0	0	3710	195	9	1	27	0.00	0.34	0	
11820139	D11-82-P030	0.67	3 1-	2 ACSR 6/1	0	0	3515	194	9	1	1	0.00	0.35	0	
11820130	11820139	0.72	2 1-	2 ACSR 6/1	0	0	3383	194	4	0	0	0.00	0.35	0	
11820123	11820130	0.79	1 1-	2 ACSR 6/1	0	0	3210	193	2	0	0	0.00	0.35	0	
11820098	11820096	0.64	942 3-	336 ACSR 18/1	3984	3893	3628	195	3813	159	30	0.03	0.50	100	
11820094	11820098	0.70	941 3-	336 ACSR 18/1	3902	3801	3518	194	3804	159	30	0.04	0.55	141	
11820102	11820094	0.81	935 3-	336 ACSR 18/1	3763	3648	3337	194	3781	158	30	0.07	0.63	249	
11820103	11820102	0.85	5 1-	2 ACSR 6/1	0	0	3251	194	12	1	1	0.00	0.46	0	
11820104	11820103	0.94	3 1-	2 ACSR 6/1	0	0	3055	193	5	0	0	0.00	0.46	0	
D11-82-P017	11820104	0.94	1 1-	FUS	0	0	3055	193	4	0	11	0.00	0.46	0	
11820105	D11-82-P017	0.96	1 1-	2 ACSR 6/1	0	0	3013	193	4	0	0	0.00	0.46	0	
D11-82-P017A	11820104	0.94	1 1-	FUS	0	0	3055	193	0	0	1	0.00	0.46	0	
11820049	D11-82-P017A	1.35	1 1-	2 ACSR 6/1	0	0	2354	190	0	0	0	0.00	0.46	0	
11820107	11820049	1.42	1 1-	2 ACSR 6/1	0	0	2257	189	0	0	0	0.00	0.46	0	
11820077	11820107	1.57	0 1-	2 ACSR 6/1	0	0	2072	188	0	0	0	0.00	0.46	0	
11820106	11820049	1.50	0 1-	2 ACSR 6/1	0	0	2160	189	0	0	0	0.00	0.46	0	
11820110	11820102	0.85	929 3-	336 ACSR 18/1	3718	3599	3280	194	3763	157	30	0.02	0.66	83	
11820111	11820110	0.90	926 3-	336 ACSR 18/1	3661	3536	3208	194	3753	157	30	0.03	0.69	109	
11820062	11820111	0.92	4 1-	2 ACSR 6/1	0	0	3149	194	16	2	1	0.00	0.50	0	
11820063	11820062	0.98	2 1-	2 ACSR 6/1	0	0	3027	193	8	0	1	0.00	0.50	0	
11820061	11820111	1.01	922 3-	336 ACSR 18/1	3535	3401	3053	194	3735	156	30	0.07	0.78	247	
11820056	11820061	1.05	911 3-	336 ACSR 18/1	3486	3348	2993	194	3681	154	29	0.03	0.81	100	
11820057	11820056	1.09	903 3-	336 ACSR 18/1	3452	3311	2953	194	3648	153	29	0.02	0.83	68	
11820058	11820057	1.23	901 3-	336 ACSR 18/1	3307	3158	2784	193	3643	152	29	0.10	0.93	307	
11720077	11820058	1.28	8 1-	2 ACSR 6/1	0	0	2706	193	34	4	2	0.00	0.66	0	
11720078	11720077	1.35	5 1-	2 ACSR 6/1	0	0	2584	192	20	2	1	0.00	0.66	0	
11720088	11720078	1.40	2 1-	2 ACSR 6/1	0	0	2520	192	9	1	1	0.00	0.66	0	
11720070	11820058	1.33	891 3-	336 ACSR 18/1	3214	3060	2678	193	3603	151	29	0.07	1.00	208	
D11-72-P026	11720070	1.33	18 1-	FUS	0	0	2678	193	73	9	211	0.00	1.50	0	
11720074	D11-72-P026	1.40	18 1-	2 ACSR 6/1	0	0	2578	192	73	9	5	0.02	1.51	0	
11720089	11720074	1.49	4 1-	2 ACSR 6/1	0	0	2442	192	15	1	1	0.00	1.52	0	
11720090	11720089	1.53	1 1-	2 ACSR 6/1	0	0	2386	191	7	0	0	0.00	1.52	0	
11720073	11720074	1.48	13 1-	2 ACSR 6/1	0	0	2456	192	54	6	4	0.02	1.53	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11720083	11720073	1.58	11 1-	2 ACSR 6/1	0	0	2318	191	47	5	3	0.02	1.55	0
11720082	11720083	1.63	10 1-	2 ACSR 6/1	0	0	2258	191	45	5	3	0.01	1.55	0
11720085	11720082	1.70	3 1-	2 ACSR 6/1	0	0	2178	190	13	1	1	0.00	1.56	0
11720086	11720085	1.77	2 1-	2 ACSR 6/1	0	0	2097	189	7	0	1	0.00	1.56	0
11720087	11720086	1.82	1 1-	2 ACSR 6/1	0	0	2046	189	3	0	0	0.00	1.56	0
11720081	11720082	1.69	5 1-	2 ACSR 6/1	0	0	2186	190	28	3	2	0.00	1.56	0
11720115	11720081	1.78	3 1-	2 ACSR 6/1	0	0	2085	189	15	1	1	0.00	1.56	0
11720114	11720115	1.82	2 1-	2 ACSR 6/1	0	0	2046	189	8	0	1	0.00	1.56	0
11720080	11720082	1.68	0 1-	2 ACSR 6/1	0	0	2198	190	0	0	0	0.00	1.55	0
11720112	11720073	1.53	1 1-	2 ACSR 6/1	0	0	2384	191	6	0	0	0.00	1.53	0
11720069	11720070	1.39	872 3-	336 ACSR 18/1	3156	3000	2613	193	3525	148	28	0.04	1.05	127
11720060	11720069	1.45	870 3-	336 ACSR 18/1	3112	2954	2564	193	3515	147	28	0.03	1.08	100
11720061	11720060	1.53	867 3-	336 ACSR 18/1	3039	2879	2485	193	3489	146	28	0.06	1.14	168
11720065	11720061	1.58	861 3-	336 ACSR 18/1	3000	2838	2442	192	3473	146	28	0.03	1.18	95
11720091	11720065	1.62	860 3-	336 ACSR 18/1	2970	2807	2411	192	3470	146	28	0.02	1.20	71
11720092	11720091	1.77	859 3-	336 ACSR 18/1	2854	2688	2288	192	3469	146	28	0.10	1.30	298
11720104	11720092	1.92	857 3-	336 ACSR 18/1	2750	2583	2181	192	3457	145	27	0.10	1.40	283
11720105	11720104	2.10	856 3-	336 ACSR 18/1	2637	2469	2068	191	3454	145	27	0.11	1.52	335
11-72-P001-B	11720105	2.10	856 3-	Closed	2637	2469	2068	191	3451	145	0	0.00	1.52	0
11-72-P001-A	11-72-P001-B	2.10	856 3-	Closed	2637	2469	2068	191	3451	145	0	0.00	1.52	0
11720058	11-72-P001-A	2.22	856 3-	336 ACSR 18/1	2567	2398	1998	191	3451	145	27	0.08	1.59	223
11620053	11720058	2.26	845 3-	336 ACSR 18/1	2539	2370	1971	191	3400	143	27	0.03	1.63	89
11620055	11620053	2.29	841 3-	336 ACSR 18/1	2527	2358	1959	191	3388	143	27	0.01	1.64	39
11620068	11620055	2.34	839 3-	336 ACSR 18/1	2495	2327	1928	191	3382	142	27	0.04	1.67	102
11620070	11620068	2.38	837 3-	336 ACSR 18/1	2474	2306	1908	191	3379	142	27	0.03	1.70	72
11620071	11620070	2.44	836 3-	336 ACSR 18/1	2441	2273	1876	190	3376	142	27	0.04	1.74	113
11620074	11620071	2.56	1 1-	2 ACSR 6/1	0	0	1784	189	5	0	0	0.00	1.23	0
11620022	11620071	2.51	835 3-	336 ACSR 18/1	2404	2236	1841	190	3370	142	27	0.05	1.78	129
11620088	11620022	2.56	835 3-	1/0 ACSR 6/1	2366	2199	1808	190	3369	142	62	0.10	1.88	280
11620089	11620088	2.58	833 3-	1/0 ACSR 6/1	2353	2185	1797	190	3360	142	62	0.03	1.92	102
11620103	11620089	2.64	830 3-	1/0 ACSR 6/1	2307	2139	1757	190	3352	141	62	0.12	2.04	354
11620104	11620103	2.79	828 3-	1/0 ACSR 6/1	2203	2035	1668	189	3345	141	62	0.29	2.33	851
11620058	11620104	2.84	826 3-	1/0 ACSR 6/1	2170	2003	1641	188	3331	141	62	0.09	2.43	277
11620023	11620058	2.91	826 3-	1/0 ACSR 6/1	2122	1955	1601	188	3328	141	62	0.15	2.57	428
C11-63-P1	11620023	2.91	0 3-	Capacitor	2122	1955	1601	188	0	-20	0	0.00	2.57	0
11630005	11620023	3.39	826 3-	1/0 ACSR 6/1	1850	1688	1379	185	3324	142	62	1.07	3.65	2816
11630006	11630005	3.56	826 3-	1/0 ACSR 6/1	1770	1611	1315	185	3298	142	62	0.37	4.02	971
11630003	11630006	3.65	0 1-	2 ACSR 6/1	0	0	1278	184	0	0	0	0.00	3.23	0
11630004	11630006	3.67	824 3-	1/0 ACSR 6/1	1718	1561	1274	184	3288	142	62	0.26	4.28	673
11530016	11630004	3.83	817 3-	1/0 ACSR 6/1	1650	1496	1221	183	3250	141	62	0.35	4.64	930
11530019	11530016	4.08	809 3-	1/0 ACSR 6/1	1554	1404	1146	182	3225	140	61	0.53	5.18	1410
11530020	11530019	4.19	808 3-	1/0 ACSR 6/1	1516	1369	1117	181	3203	140	61	0.23	5.41	600
11530021	11530020	4.29	807 3-	1/0 ACSR 6/1	1480	1335	1089	181	3190	140	61	0.22	5.64	593
11530022	11530021	4.38	806 3-	1/0 ACSR 6/1	1451	1307	1067	180	3179	139	61	0.19	5.84	500
11530009	11530022	4.45	805 3-	1/0 ACSR 6/1	1429	1286	1050	180	3167	139	61	0.15	5.99	390
11530011	11530009	4.53	803 3-	1/0 ACSR 6/1	1406	1265	1033	179	3160	139	61	0.16	6.15	418
11530024	11530011	4.60	801 3-	1/0 ACSR 6/1	1385	1245	1017	179	3151	139	60	0.14	6.30	379
11530025	11530024	4.72	799 3-	1/0 ACSR 6/1	1349	1211	989	178	3131	138	60	0.27	6.57	704
11540016	11530025	4.92	799 3-	1/0 ACSR 6/1	1295	1161	948	177	3124	138	60	0.42	7.00	1096
11540007	11540016	5.01	797 3-	1/0 ACSR 6/1	1272	1139	931	177	3107	138	60	0.19	7.19	491
11540017	11540007	5.27	794 3-	1/0 ACSR 6/1	1210	1082	885	176	3093	137	60	0.55	7.74	1418
11540018	11540017	5.36	794 3-	1/0 ACSR 6/1	1192	1065	871	175	3080	137	60	0.17	7.91	441

LINE SECT	PRIOR SECT	MILES	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11540010	11540018	5.46	3 1-	2 ACSR 6/1	0	0	851	174	22	3	2	0.01	9.45	0
11440006	11540010	5.51	3 1-	2 ACSR 6/1	0	0	842	174	22	3	2	0.00	9.45	0
11440005	11440006	5.56	1 1-	2 ACSR 6/1	0	0	832	174	8	1	1	0.00	9.46	0
11440004	11440005	5.61	0 1-	2 ACSR 6/1	0	0	822	173	0	0	0	0.00	9.46	0
11440002	11440004	5.68	0 1-	2 ACSR 6/1	0	0	811	173	0	0	0	0.00	9.46	0
11440003	11440002	5.73	0 1-	2 ACSR 6/1	0	0	802	172	0	0	0	0.00	9.46	0
11540005	11540018	6.84	791 3-	1/0 ACSR 6/1	933	827	678	168	3054	136	59	3.09	11.01	7972
R11-55-P23	11540005	6.84	791 3-		0	933	678	168	2980	136	137	-8.33	2.40	0
11550003	R11-55-P23	7.24	791 3-	1/0 ACSR 6/1	882	780	641	166	2980	127	55	0.75	3.15	1812
11550005	11550003	7.29	1 1-	2 ACSR 6/1	0	0	636	166	9	1	1	0.00	3.09	0
11550004	11550003	7.32	789 3-	1/0 ACSR 6/1	872	771	634	166	2952	126	55	0.16	3.31	380
11560098	11550004	7.42	787 3-	1/0 ACSR 6/1	859	760	624	165	2941	126	55	0.20	3.51	478
11560091	11560098	7.52	786 3-	1/0 ACSR 6/1	849	750	617	165	2930	125	55	0.17	3.68	422
11560092	11560091	7.60	785 3-	1/0 ACSR 6/1	839	741	609	164	2916	125	55	0.16	3.84	385
11560093	11560092	7.63	783 3-	1/0 ACSR 6/1	836	738	607	164	2904	125	54	0.06	3.90	139
11560094	11560093	7.66	783 3-	1/0 ACSR 6/1	832	735	605	164	2903	125	54	0.06	3.96	132
D11-56-P028	11560094	7.66	81 3-	REC-50-4H	832	735	605	164	315	13	27	0.00	3.96	0
11560100	D11-56-P028	7.87	81 3-	2 ACSR 6/1	805	710	585	163	315	13	8	-0.03	4.03	45
11660032	11560100	7.92	81 3-	2 ACSR 6/1	798	704	580	162	315	13	8	-0.01	4.04	11
11660037	11660032	8.03	79 3-	2 ACSR 6/1	784	691	570	162	311	13	8	-0.02	4.08	24
11660051	11660037	8.13	78 3-	2 ACSR 6/1	773	680	562	161	307	13	7	-0.02	4.11	20
11660015	11660051	8.16	74 3-	2 ACSR 6/1	768	676	559	161	290	12	7	-0.01	4.12	7
11660003	11660015	8.26	73 3-	2 ACSR 6/1	757	666	551	160	287	12	7	-0.02	4.15	21
11660035	11660003	8.28	2 1-	2 ACSR 6/1	0	0	549	160	6	0	0	0.00	3.84	0
11660040	11660003	8.38	71 3-	2 ACSR 6/1	743	653	541	159	280	12	7	-0.03	4.18	26
11660036	11660040	8.52	2 1-	2 ACSR 6/1	0	0	531	159	11	1	1	0.00	4.56	0
11660039	11660036	8.61	1 1-	2 ACSR 6/1	0	0	524	158	6	0	0	0.00	4.56	0
11660041	11660040	8.46	68 3-	2 ACSR 6/1	735	645	535	159	269	11	7	-0.02	4.20	14
11660042	11660041	8.55	3 1-	2 ACSR 6/1	0	0	528	158	5	0	0	0.00	3.79	0
11660043	11660042	8.59	0 1-	2 ACSR 6/1	0	0	525	158	0	0	0	0.00	3.79	0
11660050	11660041	8.61	2 3-	2 ACSR 6/1	719	630	524	158	13	0	0	0.00	4.20	0
11660044	11660041	8.59	63 1-	2 ACSR 6/1	0	0	525	158	250	32	18	0.12	4.74	24
11660046	11660044	8.66	60 1-	2 ACSR 6/1	0	0	520	158	246	32	18	0.07	4.81	13
11660047	11660046	8.77	59 1-	2 ACSR 6/1	0	0	512	157	245	32	18	0.10	4.91	19
11660045	11660047	8.89	59 1-	2 ACSR 6/1	0	0	504	156	245	32	18	0.11	5.02	23
11760047	11660045	8.98	6 1-	2 ACSR 6/1	0	0	498	156	27	3	2	0.01	5.03	0
11760048	11760047	9.02	5 1-	2 ACSR 6/1	0	0	495	156	21	2	2	0.00	5.03	0
11760049	11760048	9.07	2 1-	2 ACSR 6/1	0	0	492	155	12	1	1	0.00	5.03	0
11760050	11760049	9.18	1 1-	2 ACSR 6/1	0	0	484	155	8	0	1	0.00	5.04	0
11760046	11660045	8.96	3 1-	2 ACSR 6/1	0	0	499	156	4	0	0	0.00	5.02	0
11760034	11660045	8.95	2 1-	2 ACSR 6/1	0	0	499	156	5	0	0	0.00	5.02	0
11760026	11660045	8.99	48 1-	2 ACSR 6/1	0	0	497	156	210	27	15	0.08	5.10	13
11760053	11760026	9.51	48 1-	2 ACSR 6/1	0	0	464	153	210	27	15	0.41	5.50	70
11760054	11760053	9.71	48 1-	2 ACSR 6/1	0	0	453	151	209	27	15	0.16	5.66	27
11760027	11760054	9.73	42 1-	2 ACSR 6/1	0	0	452	151	187	24	14	0.01	5.68	2
11760029	11760027	9.82	42 1-	2 ACSR 6/1	0	0	447	151	187	24	14	0.06	5.74	10
11760033	11760029	10.05	0 1-	2 ACSR 6/1	0	0	435	150	0	0	0	0.00	5.74	0
11760030	11760029	10.16	42 1-	2 ACSR 6/1	0	0	429	149	187	24	14	0.24	5.98	36
11860024	11760030	10.47	39 1-	2 ACSR 6/1	0	0	414	147	182	24	13	0.21	6.19	32
11860025	11860024	10.72	17 1-	2 ACSR 6/1	0	0	402	146	71	9	5	0.07	6.26	4
11860026	11860025	10.86	3 1-	2 ACSR 6/1	0	0	396	145	11	1	1	0.01	6.26	0
11860049	11860026	10.98	2 1-	2 ACSR 6/1	0	0	391	145	6	0	0	0.00	6.27	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11860050	11860049	11.08	2 1-	2 ACSR 6/1	0	0	387	144	6	0	0	0.00	6.27	0
11860048	11860026	10.96	1 1-	2 ACSR 6/1	0	0	392	145	5	0	0	0.00	6.26	0
11860051	11860025	10.90	14 1-	2 ACSR 6/1	0	0	394	145	59	7	4	0.04	6.30	2
11860052	11860051	10.91	13 1-	2 ACSR 6/1	0	0	394	145	56	7	4	0.00	6.30	0
11860053	11860052	10.99	10 1-	2 ACSR 6/1	0	0	390	145	51	6	4	0.02	6.31	0
11860062	11860053	11.04	3 1-	2 ACSR 6/1	0	0	388	144	22	2	2	0.00	6.32	0
11860063	11860062	11.10	2 1-	2 ACSR 6/1	0	0	386	144	16	2	1	0.00	6.32	0
11860059	11860063	11.20	1 1-	2 ACSR 6/1	0	0	382	143	8	1	1	0.00	6.32	0
11960003	11860059	11.28	1 1-	2 ACSR 6/1	0	0	379	143	8	1	1	0.00	6.32	0
11860044	11860053	11.05	4 1-	2 ACSR 6/1	0	0	388	144	24	3	2	0.00	6.32	0
11860045	11860044	11.16	2 1-	2 ACSR 6/1	0	0	384	144	9	1	1	0.00	6.32	0
11860047	11860045	11.24	2 1-	2 ACSR 6/1	0	0	380	143	9	1	1	0.00	6.32	0
11860046	11860045	11.21	0 1-	2 ACSR 6/1	0	0	381	143	0	0	0	0.00	6.32	0
11860055	11860053	11.07	3 1-	2 ACSR 6/1	0	0	387	144	6	0	0	0.00	6.31	0
11860022	11860024	10.57	22 1-	2 ACSR 6/1	0	0	409	147	110	14	8	0.04	6.23	4
11860058	11860022	10.66	1 1-	2 ACSR 6/1	0	0	405	146	0	0	0	0.00	6.23	0
11860064	11860058	10.71	0 1-	2 ACSR 6/1	0	0	403	146	0	0	0	0.00	6.23	0
11860023	11860022	10.71	21 1-	2 ACSR 6/1	0	0	403	146	110	14	8	0.06	6.29	5
D11-86-P038	11860023	10.71	20 1-	SEC-50-GH	0	0	403	146	100	13	0	0.00	6.29	0
11860027	D11-86-P038	10.97	20 1-	2 ACSR 6/1	0	0	391	145	100	13	7	0.10	6.39	8
11760036	11860027	11.20	17 1-	2 ACSR 6/1	0	0	382	143	91	12	7	0.07	6.46	5
11760037	11760036	11.30	15 1-	2 ACSR 6/1	0	0	378	143	82	10	6	0.03	6.49	2
11760038	11760037	11.38	14 1-	2 ACSR 6/1	0	0	375	143	81	10	6	0.02	6.52	2
11760039	11760038	11.47	13 1-	2 ACSR 6/1	0	0	371	142	75	10	6	0.03	6.54	2
11760040	11760039	11.55	12 1-	2 ACSR 6/1	0	0	368	142	70	9	5	0.02	6.56	1
11760041	11760040	11.63	11 1-	2 ACSR 6/1	0	0	365	141	67	8	5	0.02	6.58	1
11760042	11760041	11.70	10 1-	2 ACSR 6/1	0	0	363	141	65	8	5	0.01	6.60	0
11760043	11760042	11.74	8 1-	2 ACSR 6/1	0	0	361	141	55	7	4	0.01	6.61	0
11760044	11760043	11.78	7 1-	2 ACSR 6/1	0	0	360	140	48	6	4	0.01	6.61	0
11760045	11760044	11.89	6 1-	2 ACSR 6/1	0	0	356	140	41	5	3	0.01	6.63	0
11670011	11760045	11.92	5 1-	2 ACSR 6/1	0	0	355	140	32	4	2	0.00	6.63	0
11670012	11670011	12.01	4 1-	2 ACSR 6/1	0	0	352	139	24	3	2	0.01	6.64	0
11670009	11670012	12.12	3 1-	2 ACSR 6/1	0	0	348	139	18	2	1	0.01	6.65	0
11670007	11670009	12.19	2 1-	2 ACSR 6/1	0	0	346	138	14	1	1	0.00	6.65	0
11670013	11670007	12.30	1 1-	2 ACSR 6/1	0	0	342	138	13	1	1	0.00	6.65	0
11760035	11860027	11.04	3 1-	2 ACSR 6/1	0	0	389	144	9	1	1	0.00	6.39	0
11860054	11860023	10.76	1 1-	2 ACSR 6/1	0	0	401	146	10	1	1	0.00	6.29	0
11860056	11760030	10.25	3 1-	2 ACSR 6/1	0	0	424	148	5	0	0	0.00	5.98	0
11860057	11860056	10.29	1 1-	2 ACSR 6/1	0	0	422	148	2	0	0	0.00	5.98	0
11760028	11760054	10.29	6 1-	2 ACSR 6/1	0	0	422	148	22	2	2	0.04	5.71	0
11750008	11760028	10.50	4 1- 15 KV	2 URD XLP	0	0	412	260	18	2	1	0.02	5.73	0
11750009	11750008	10.68	4 1- 15 KV	2 URD XLP	0	0	404	256	18	2	1	0.02	5.74	0
11750010	11750009	10.77	2 1- 15 KV	2 URD XLP	0	0	399	254	6	0	0	0.00	5.74	0
11750011	11750010	10.88	2 1- 15 KV	2 URD XLP	0	0	394	252	6	0	0	0.00	5.75	0
11750007	11750009	10.88	2 1-	2 ACSR 6/1	0	0	395	145	12	1	1	0.01	5.75	0
11750016	11750007	10.93	2 1-	2 ACSR 6/1	0	0	392	144	12	1	1	0.00	5.75	0
11750015	11750016	10.97	1 1-	2 ACSR 6/1	0	0	391	144	6	0	0	0.00	5.75	0
11750012	11760028	10.31	2 1-	2 ACSR 6/1	0	0	421	148	4	0	0	0.00	5.71	0
11660034	11660015	8.18	1 1-	2 ACSR 6/1	0	0	558	161	3	0	0	0.00	3.86	0
11660038	11660051	8.14	3 1-	2 ACSR 6/1	0	0	561	161	8	1	1	0.00	3.87	0
11660049	11660038	8.17	1 1-	2 ACSR 6/1	0	0	558	161	3	0	0	0.00	3.87	0
11560096	11560094	7.84	0 1-	2 ACSR 6/1	0	0	588	163	0	0	0	0.00	3.83	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
11560095	11560094	7.76	701 3-	1/0 ACSR 6/1	822	726	597	164	2585	111 48	0.19	4.11	343	
11560028	11560095	8.05	681 3-	1/0 ACSR 6/1	792	699	575	162	2499	107 47	0.53	4.58	1005	
11560074	11560028	8.11	669 3-	1/0 ACSR 6/1	786	693	570	162	2470	107 47	0.11	4.68	214	
11560103	11560074	8.22	2 1-	2 ACSR 6/1	0	0	561	161	2	0	0.00	4.97	0	
11560081	11560074	8.18	663 3-	1/0 ACSR 6/1	779	688	566	162	2444	106 46	0.12	4.78	216	
11560083	11560081	8.25	659 3-	1/0 ACSR 6/1	772	681	560	161	2430	105 46	0.13	4.90	248	
11560085	11560083	8.28	656 3-	1/0 ACSR 6/1	770	679	559	161	2410	104 46	0.05	4.94	89	
11560087	11560085	8.34	1 1-	2 ACSR 6/1	0	0	553	161	6	0	0.00	4.45	0	
11560086	11560085	8.43	654 3-	1/0 ACSR 6/1	756	666	549	161	2402	104 45	0.25	5.17	471	
11560101	11560086	8.62	652 3-	1/0 ACSR 6/1	739	651	536	160	2394	104 45	0.32	5.46	604	
11110049	11560101	8.72	651 3-	1/0 ACSR 6/1	730	643	530	159	2389	104 45	0.18	5.62	337	
11110054	11110049	8.76	635 3-	1/0 ACSR 6/1	727	640	528	159	2345	102 45	0.06	5.67	111	
D11-46-P048	11110054	8.76	635 3-	REC-100-4H	0	0	528	159	2344	102 102	0.00	5.67	0	
11110053	D11-46-P048	8.90	635 3-	1/0 ACSR 6/1	716	630	519	158	2344	102 45	0.24	5.88	427	
11110036	11110053	8.93	1 1-	2 ACSR 6/1	0	0	516	158	1	0	0.00	5.06	0	
11110025	11110053	8.96	0 1-	2 ACSR 6/1	0	0	515	158	0	0	0.00	6.14	0	
11110037	11110053	8.97	634 3-	1/0 ACSR 6/1	710	625	515	158	2339	102 45	0.13	5.99	230	
11110038	11110037	9.01	633 3-	1/0 ACSR 6/1	706	622	512	158	2334	102 44	0.07	6.05	122	
11110039	11110038	9.08	632 3-	1/0 ACSR 6/1	701	617	508	158	2332	102 44	0.12	6.15	211	
11110026	11110039	9.23	631 3-	1/0 ACSR 6/1	690	607	500	157	2328	102 44	0.26	6.38	459	
11110027	11110026	9.35	6 1-	2 ACSR 6/1	0	0	492	156	13	1	0.01	5.40	0	
11110044	11110027	9.39	4 1-	2 ACSR 6/1	0	0	490	156	6	0	0.00	5.40	0	
11110045	11110044	9.44	3 1-	2 ACSR 6/1	0	0	486	156	5	0	0.00	5.40	0	
D11-46-P077	11110045	9.44	2 1-	FUS	0	0	486	156	2	0	5.00	5.40	0	
11110050	D11-46-P077	10.19	2 1-	2 ACSR 6/1	0	0	443	151	2	0	0.00	5.40	0	
11470002	11110050	10.24	1 1-	2 ACSR 6/1	0	0	440	151	0	0	0.00	5.40	0	
11110052	11110027	9.41	1 1-	2 ACSR 6/1	0	0	488	156	7	0	0.00	5.40	0	
11110042	11110026	9.32	625 3-	1/0 ACSR 6/1	683	601	495	157	2311	101 44	0.15	6.51	264	
11110043	11110042	9.38	594 3-	1/0 ACSR 6/1	678	596	492	156	2203	96 42	0.10	6.60	187	
11110046	11110043	9.66	592 3-	1/0 ACSR 6/1	658	578	477	155	2195	96 42	0.41	6.99	771	
11360028	11110046	9.73	591 3-	1/0 ACSR 6/1	654	574	474	155	2184	96 42	0.09	7.08	174	
11360030	11360028	9.83	590 3-	1/0 ACSR 6/1	647	568	469	154	2180	96 42	0.15	7.22	274	
11360042	11360030	9.86	584 3-	1/0 ACSR 6/1	645	567	468	154	2157	95 42	0.04	7.26	82	
11360041	11360042	9.87	583 3-	1/0 ACSR 6/1	644	566	467	154	2148	95 41	0.02	7.28	33	
11360018	11360041	9.94	582 3-	1/0 ACSR 6/1	640	562	464	154	2143	94 41	0.09	7.37	174	
11360017	11360018	9.99	580 3-	1/0 ACSR 6/1	636	559	461	154	2135	94 41	0.08	7.44	143	
11370051	11360017	10.08	580 3-	1/0 ACSR 6/1	630	553	457	153	2134	94 41	0.13	7.57	247	
11370052	11370051	10.14	580 3-	1/0 ACSR 6/1	627	550	454	153	2132	94 41	0.08	7.65	150	
11370053	11370052	10.19	577 3-	1/0 ACSR 6/1	624	547	452	153	2124	94 41	0.07	7.71	128	
11370061	11370053	10.46	539 3-	1/0 ACSR 6/1	607	533	440	152	1992	88 38	0.36	8.05	606	
11370063	11370061	10.50	1 1-	2 ACSR 6/1	0	0	438	152	9	1	0.00	8.46	0	
11370062	11370061	10.67	538 3-	1/0 ACSR 6/1	595	522	432	151	1977	88 38	0.27	8.31	461	
11370044	11370062	10.87	538 3-	1/0 ACSR 6/1	584	512	423	150	1973	88 38	0.26	8.57	451	
11370048	11370044	10.94	535 3-	1/0 ACSR 6/1	580	509	421	150	1955	87 38	0.09	8.65	151	
11370049	11370048	11.12	534 3-	1/0 ACSR 6/1	571	500	414	149	1947	87 38	0.23	8.88	395	
11370042	11370049	11.16	2 1-	2 ACSR 6/1	0	0	412	149	11	1	0.00	9.30	0	
11370043	11370049	11.19	530 3-	1/0 ACSR 6/1	567	497	411	149	1922	86 37	0.09	8.97	159	
11370050	11370043	11.35	529 3-	1/0 ACSR 6/1	559	490	405	148	1919	86 37	0.19	9.15	327	
11370031	11370050	11.42	528 3-	1/0 ACSR 6/1	555	487	402	148	1910	85 37	0.09	9.24	158	
11370060	11370031	11.51	1 1-	2 ACSR 6/1	0	0	398	147	5	0	0.00	7.57	0	
11370056	11370031	11.46	526 3-	1/0 ACSR 6/1	554	485	401	148	1898	85 37	0.05	9.29	82	
11380015	11370056	11.54	525 3-	1/0 ACSR 6/1	550	481	398	147	1893	85 37	0.10	9.39	165	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11480037	11380015	11.80	524 3-	1/0 ACSR 6/1	537	471	389	146	1884	84	37	0.31	9.69	529
11480038	11480037	11.85	522 3-	1/0 ACSR 6/1	535	468	387	146	1861	84	37	0.07	9.76	112
11480039	11480038	11.89	520 3-	1/0 ACSR 6/1	533	467	386	146	1853	83	36	0.04	9.80	68
D11-48-P005	11480039	11.89	75 1-	REC-35-H	0	0	386	146	250	33	96	0.00	8.05	0
11480033	D11-48-P005	12.43	75 1-	2 ACSR 6/1	0	0	366	143	250	33	19	0.52	8.58	109
11380016	11480033	12.53	2 1-	2 ACSR 6/1	0	0	362	143	7	0	1	0.00	8.58	0
11380012	11480033	12.72	73 1-	2 ACSR 6/1	0	0	355	142	241	32	18	0.27	8.84	54
11380017	11380012	12.74	2 1-	2 ACSR 6/1	0	0	355	142	3	0	0	0.00	8.84	0
11380018	11380017	12.79	1 1-	2 ACSR 6/1	0	0	353	141	1	0	0	0.00	8.84	0
11380014	11380012	12.85	71 1-	2 ACSR 6/1	0	0	351	141	238	32	18	0.12	8.96	24
11380028	11380014	12.87	5 1-	2 ACSR 6/1	0	0	350	141	7	0	1	0.00	8.96	0
11380029	11380028	12.94	4 1-	2 ACSR 6/1	0	0	348	141	6	0	0	0.00	8.96	0
11380020	11380014	13.00	65 1-	2 ACSR 6/1	0	0	346	140	229	31	17	0.13	9.10	25
11380030	11380020	13.04	3 1-	2 ACSR 6/1	0	0	345	140	6	0	0	0.00	9.10	0
11380031	11380030	13.08	3 1-	2 ACSR 6/1	0	0	343	140	6	0	0	0.00	9.10	0
11380021	11380031	13.36	1 1-	2 ACSR 6/1	0	0	334	139	2	0	0	0.00	9.10	0
11380032	11380020	13.03	61 1-	2 ACSR 6/1	0	0	345	140	220	29	17	0.03	9.13	5
11380033	11380032	13.07	61 1-	2 ACSR 6/1	0	0	344	140	220	29	17	0.03	9.16	6
11380022	11380033	13.27	59 1-	2 ACSR 6/1	0	0	337	139	215	29	16	0.17	9.33	31
11280016	11380022	13.43	55 1-	2 ACSR 6/1	0	0	333	138	202	27	15	0.12	9.45	20
11280018	11280016	13.51	54 1-	2 ACSR 6/1	0	0	330	138	197	26	15	0.06	9.51	11
11280020	11280018	13.57	49 1-	2 ACSR 6/1	0	0	328	138	186	25	14	0.04	9.55	7
11280021	11280020	13.66	48 1-	2 ACSR 6/1	0	0	325	137	182	24	14	0.06	9.62	10
11280022	11280021	13.90	46 1-	2 ACSR 6/1	0	0	319	136	176	24	13	0.16	9.78	24
11290017	11280022	14.01	44 1-	2 ACSR 6/1	0	0	316	135	167	22	13	0.07	9.85	10
11290018	11290017	14.13	42 1-	2 ACSR 6/1	0	0	313	135	166	22	13	0.08	9.93	11
11290023	11290018	14.18	42 1-	2 ACSR 6/1	0	0	311	135	166	22	13	0.03	9.96	5
11290019	11290023	14.27	41 1-	2 ACSR 6/1	0	0	309	134	164	22	12	0.06	10.02	8
11290020	11290019	14.34	40 1-	2 ACSR 6/1	0	0	307	134	162	22	12	0.04	10.06	6
11290021	11290020	14.49	39 1-	2 ACSR 6/1	0	0	303	133	159	21	12	0.10	10.16	13
11290022	11290021	14.64	39 1-	2 ACSR 6/1	0	0	299	133	159	21	12	0.09	10.25	12
11290024	11290022	14.91	38 1-	2 ACSR 6/1	0	0	293	131	153	21	12	0.16	10.41	21
11290025	11290024	14.99	1 1-	2 ACSR 6/1	0	0	291	131	5	0	0	0.00	10.41	0
11290015	11290024	15.24	37 1-	2 ACSR 6/1	0	0	285	130	148	20	11	0.19	10.60	23
12220022	11290015	15.31	35 1-	2 ACSR 6/1	0	0	284	130	143	19	11	0.04	10.64	5
12220023	12220022	15.37	35 1-	2 ACSR 6/1	0	0	282	129	143	19	11	0.03	10.67	4
12220024	12220023	15.48	35 1-	2 ACSR 6/1	0	0	280	129	143	19	11	0.06	10.73	7
12220026	12220024	15.55	1 1-	2 ACSR 6/1	0	0	278	129	3	0	0	0.00	10.73	0
12220025	12220024	15.74	32 1-	2 ACSR 6/1	0	0	274	128	136	18	10	0.14	10.87	16
D12-22-P023	12220025	15.74	32 1-	SEC-35-GH	0	0	274	128	136	18	0	0.00	10.87	0
12220027	D12-22-P023	15.89	32 1-	2 ACSR 6/1	0	0	271	127	136	18	10	0.08	10.95	9
12220028	12220027	15.97	31 1-	2 ACSR 6/1	0	0	270	127	131	18	10	0.04	10.99	4
12220029	12220028	16.03	29 1-	2 ACSR 6/1	0	0	269	127	127	17	10	0.03	11.02	3
12220030	12220029	16.05	28 1-	2 ACSR 6/1	0	0	268	126	125	17	10	0.01	11.03	1
12220035	12220030	16.12	5 1-	2 ACSR 6/1	0	0	267	126	21	2	2	0.00	11.04	0
12220036	12220035	16.15	2 1-	2 ACSR 6/1	0	0	266	126	13	1	1	0.00	11.04	0
12220037	12220036	16.20	1 1-	2 ACSR 6/1	0	0	265	126	8	1	1	0.00	11.04	0
12220032	12220030	16.11	16 1-	2 ACSR 6/1	0	0	267	126	81	11	6	0.02	11.05	1
12220033	12220032	16.17	15 1-	2 ACSR 6/1	0	0	266	126	76	10	6	0.02	11.07	1
12220034	12220033	16.33	14 1-	2 ACSR 6/1	0	0	263	125	70	9	5	0.04	11.11	2
12120039	12220034	16.39	2 1-	2 ACSR 6/1	0	0	261	125	11	1	1	0.00	11.11	0
12120035	12120039	16.48	1 1-	2 ACSR 6/1	0	0	260	125	5	0	0	0.00	11.11	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
12120036	12120035	16.50	1 1-	2 ACSR 6/1	0	0	259	125	5	0	0	0.00	11.11	0
12120037	12120036	16.57	0 1-	2 ACSR 6/1	0	0	258	124	0	0	0	0.00	11.11	0
12120038	12220034	16.45	10 1-	2 ACSR 6/1	0	0	260	125	51	7	4	0.02	11.13	1
12120040	12120038	16.51	0 1-	2 ACSR 6/1	0	0	259	125	0	0	0	0.00	11.13	0
12120018	12120038	16.61	10 1-	2 ACSR 6/1	0	0	257	124	51	7	4	0.03	11.16	1
12120041	12120018	16.66	1 1-	2 ACSR 6/1	0	0	257	124	6	0	0	0.00	11.16	0
12120017	12120018	16.68	9 1-	2 ACSR 6/1	0	0	256	124	45	6	3	0.01	11.18	0
12120042	12120017	16.95	9 1-	2 ACSR 6/1	0	0	251	123	45	6	3	0.04	11.22	2
12120043	12120042	17.12	7 1-	2 ACSR 6/1	0	0	248	122	37	5	3	0.02	11.24	0
12120046	12120043	17.35	4 1-	2 ACSR 6/1	0	0	244	121	15	2	1	0.01	11.25	0
12120033	12120046	17.40	3 1-	2 ACSR 6/1	0	0	244	121	9	1	1	0.00	11.25	0
12120034	12120033	17.49	1 1-	2 ACSR 6/1	0	0	242	121	4	0	0	0.00	11.25	0
12020008	12120034	17.53	1 1-	2 ACSR 6/1	0	0	242	121	4	0	0	0.00	11.25	0
12020007	12120034	17.53	0 1-	2 ACSR 6/1	0	0	242	121	0	0	0	0.00	11.25	0
12120044	12120043	17.22	2 1-	2 ACSR 6/1	0	0	247	122	8	1	1	0.00	11.24	0
12120045	12120044	17.29	1 1-	2 ACSR 6/1	0	0	246	122	3	0	0	0.00	11.24	0
12220031	12220030	16.12	5 1-	2 ACSR 6/1	0	0	267	126	15	2	1	0.00	11.03	0
12220038	12220031	16.20	4 1-	2 ACSR 6/1	0	0	265	126	14	1	1	0.00	11.04	0
12220041	12220038	16.32	2 1-	2 ACSR 6/1	0	0	263	125	7	0	1	0.00	11.04	0
12220039	12220041	16.37	0 1-	2 ACSR 6/1	0	0	262	125	0	0	0	0.00	11.04	0
12220040	12220039	16.52	0 1-	2 ACSR 6/1	0	0	259	125	0	0	0	0.00	11.04	0
12220044	12220028	16.04	2 1-	2 ACSR 6/1	0	0	268	126	4	0	0	0.00	10.99	0
12220045	12220044	16.09	1 1-	2 ACSR 6/1	0	0	267	126	4	0	0	0.00	10.99	0
11290013	11290021	14.54	0 1-	2 ACSR 6/1	0	0	302	133	0	0	0	0.00	10.16	0
11290016	11280022	13.95	2 1-	2 ACSR 6/1	0	0	317	136	8	1	1	0.00	9.78	0
11280019	11280018	13.56	1 1-	2 ACSR 6/1	0	0	328	138	7	1	1	0.00	9.51	0
11280017	11280018	13.60	4 1-	2 ACSR 6/1	0	0	327	137	4	0	0	0.00	9.51	0
11280025	11280017	13.87	1 1-	2 ACSR 6/1	0	0	320	136	0	0	0	0.00	9.51	0
11280026	11280025	13.92	1 1-	2 ACSR 6/1	0	0	318	136	0	0	0	0.00	9.51	0
11280015	11380022	13.33	2 1-	2 ACSR 6/1	0	0	335	139	9	1	1	0.00	9.33	0
11380019	11380014	12.92	1 1-	2 ACSR 6/1	0	0	349	141	3	0	0	0.00	8.96	0
11380013	11380012	12.81	0 1-	2 ACSR 6/1	0	0	352	141	0	0	0	0.00	8.84	0
11480029	11480039	12.02	445 3-	1/0 ACSR 6/1	527	462	382	146	1603	72	32	0.20	9.93	218
11480042	11480029	12.15	444 3-	1/0 ACSR 6/1	522	456	378	145	1596	72	32	0.19	10.06	214
11480043	11480042	12.23	444 3-	1/0 ACSR 6/1	518	454	375	145	1594	72	32	0.11	10.13	120
11480044	11480043	12.29	0 1-	2 ACSR 6/1	0	0	373	144	0	0	0	0.00	10.73	0
11480030	11480043	12.29	444 3-	1/0 ACSR 6/1	516	451	374	145	1593	72	32	0.08	10.19	93
11480045	11480030	12.35	1 1-	2 ACSR 6/1	0	0	371	144	7	0	1	0.00	8.21	0
11480028	11480030	12.35	443 3-	1/0 ACSR 6/1	513	449	372	144	1586	72	31	0.09	10.25	96
D11-48-P019	11480028	12.35	61 1-	REC-35-H	0	0	372	144	177	24	70	0.00	11.61	0
11480052	D11-48-P019	12.71	61 1-	2 ACSR 6/1	0	0	359	142	177	24	14	0.26	11.86	39
11480056	11480052	12.77	1 1-	2 ACSR 6/1	0	0	357	142	1	0	0	0.00	11.86	0
11480057	11480056	12.82	1 1-	2 ACSR 6/1	0	0	355	142	1	0	0	0.00	11.86	0
11480051	11480052	12.77	1 1-	2 ACSR 6/1	0	0	357	142	4	0	0	0.00	11.86	0
11480053	11480052	12.96	58 1-	2 ACSR 6/1	0	0	350	141	170	23	13	0.17	12.03	25
11480054	11480053	13.03	24 1-	2 ACSR 6/1	0	0	348	141	75	10	6	0.02	12.05	1
11480055	11480054	13.08	22 1-	2 ACSR 6/1	0	0	346	141	65	9	5	0.01	12.06	0
D11-48-P035	11480055	13.08	22 1-	SEC-35-GH	0	0	346	141	65	9	0	0.00	12.06	0
11480036	D11-48-P035	13.60	22 1-	2 ACSR 6/1	0	0	330	138	65	9	5	0.13	12.19	7
11490011	11480036	13.76	20 1-	2 ACSR 6/1	0	0	325	137	62	8	5	0.04	12.23	2
11390021	11490011	13.98	18 1-	2 ACSR 6/1	0	0	319	136	55	7	4	0.05	12.28	2
11390016	11390021	14.08	11 1-	2 ACSR 6/1	0	0	316	136	37	5	3	0.01	12.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11390018	11390016	14.11	2 1-	2 ACSR 6/1	0	0	315	136	13	1	1	0.00	12.29	0
11390017	11390016	14.29	6 1-	2 ACSR 6/1	0	0	311	135	17	2	1	0.01	12.31	0
11390019	11390017	14.34	3 1-	2 ACSR 6/1	0	0	309	134	8	1	1	0.00	12.31	0
11390011	11390019	14.46	1 1-	2 ACSR 6/1	0	0	306	134	2	0	0	0.00	12.31	0
11390012	11390017	14.38	3 1-	2 ACSR 6/1	0	0	308	134	9	1	1	0.00	12.31	0
11390013	11390012	14.45	2 1-	2 ACSR 6/1	0	0	306	134	5	0	0	0.00	12.31	0
11390020	11390021	14.01	6 1-	2 ACSR 6/1	0	0	318	136	18	2	1	0.00	12.28	0
11390014	11390020	14.13	4 1-	2 ACSR 6/1	0	0	315	135	13	1	1	0.00	12.29	0
11390015	11390014	14.18	1 1-	2 ACSR 6/1	0	0	314	135	7	1	1	0.00	12.29	0
11480048	11480053	13.09	34 1-	2 ACSR 6/1	0	0	346	141	94	13	7	0.05	12.08	4
11490012	11480048	13.25	31 1-	2 ACSR 6/1	0	0	341	140	91	12	7	0.06	12.14	5
11490017	11490012	13.27	21 1-	2 ACSR 6/1	0	0	340	140	71	9	5	0.01	12.14	0
11490018	11490017	13.33	20 1-	2 ACSR 6/1	0	0	338	139	64	8	5	0.01	12.15	0
11490019	11490018	13.41	17 1-	2 ACSR 6/1	0	0	336	139	54	7	4	0.02	12.17	0
11490020	11490019	13.42	16 1-	2 ACSR 6/1	0	0	335	139	49	6	4	0.00	12.17	0
11490021	11490020	13.48	15 1-	2 ACSR 6/1	0	0	333	139	45	6	3	0.01	12.18	0
11490022	11490021	13.59	14 1-	2 ACSR 6/1	0	0	330	138	42	5	3	0.02	12.20	0
11490023	11490022	13.65	11 1-	2 ACSR 6/1	0	0	329	138	33	4	3	0.01	12.21	0
11490024	11490023	13.72	9 1-	2 ACSR 6/1	0	0	326	137	31	4	2	0.01	12.22	0
11490025	11490024	13.79	8 1-	2 ACSR 6/1	0	0	324	137	29	3	2	0.01	12.22	0
11490029	11490025	13.85	7 1-	2 ACSR 6/1	0	0	323	137	22	3	2	0.00	12.23	0
11490027	11490029	13.89	6 1-	2 ACSR 6/1	0	0	322	137	22	3	2	0.00	12.23	0
11490028	11490027	13.93	4 1-	2 ACSR 6/1	0	0	320	136	17	2	1	0.00	12.23	0
11490031	11490028	13.98	2 1-	2 ACSR 6/1	0	0	319	136	11	1	1	0.00	12.23	0
11490030	11490028	14.06	1 1-	2 ACSR 6/1	0	0	317	136	1	0	0	0.00	12.23	0
11490015	11490012	13.34	10 1-	2 ACSR 6/1	0	0	338	139	20	2	2	0.01	12.14	0
11490016	11490015	13.38	5 1-	2 ACSR 6/1	0	0	337	139	13	1	1	0.00	12.14	0
11490014	11490016	13.43	3 1-	2 ACSR 6/1	0	0	335	139	4	0	0	0.00	12.14	0
11490013	11490014	13.63	1 1-	2 ACSR 6/1	0	0	329	138	1	0	0	0.00	12.14	0
11480031	11480028	12.48	382 3-	1/0 ACSR 6/1	508	444	368	144	1408	64	28	0.18	10.36	169
11480046	11480031	12.53	1 1-	2 ACSR 6/1	0	0	366	144	5	0	0	0.00	11.08	0
11480032	11480031	12.54	381 3-	1/0 ACSR 6/1	505	442	366	144	1401	63	28	0.08	10.41	74
11480047	11480032	12.60	3 1-	2 ACSR 6/1	0	0	364	143	18	2	1	0.00	8.35	0
11480049	11480047	12.64	2 1-	2 ACSR 6/1	0	0	362	143	10	1	1	0.00	8.35	0
11480050	11480049	12.78	1 1-	2 ACSR 6/1	0	0	357	142	3	0	0	0.00	8.35	0
11480035	11480032	12.63	378 3-	1/0 ACSR 6/1	501	439	363	143	1382	63	27	0.13	10.49	118
11580030	11480035	12.72	377 3-	1/0 ACSR 6/1	498	436	361	143	1378	62	27	0.11	10.56	99
11580033	11580030	12.87	374 3-	1/0 ACSR 6/1	492	430	356	142	1371	62	27	0.22	10.69	191
D11-58-P006	11580033	12.87	5 1-	FUS	0	0	356	142	14	1	42	0.00	8.52	0
11580034	D11-58-P006	12.96	5 1-	2 ACSR 6/1	0	0	353	142	14	1	1	0.00	8.52	0
11580035	11580034	13.16	4 1-	2 ACSR 6/1	0	0	347	141	9	1	1	0.01	8.53	0
11580031	11580035	13.36	2 1-	2 ACSR 6/1	0	0	340	140	4	0	0	0.00	8.53	0
11570007	11580031	13.43	0 1-	2 ACSR 6/1	0	0	338	140	0	0	0	0.00	8.53	0
11570006	11580031	13.49	1 1-	2 ACSR 6/1	0	0	336	139	3	0	0	0.00	8.53	0
11580032	11580033	12.99	368 3-	1/0 ACSR 6/1	488	426	353	142	1350	61	27	0.16	10.78	134
11580036	11580032	13.07	367 3-	1/0 ACSR 6/1	485	424	351	142	1339	61	27	0.11	10.85	93
11580037	11580036	13.15	366 3-	1/0 ACSR 6/1	482	421	349	141	1332	61	27	0.11	10.91	91
11580049	11580037	13.21	366 3-	1/0 ACSR 6/1	479	419	347	141	1331	61	27	0.08	10.96	72
11580050	11580049	13.28	0 1-	2 ACSR 6/1	0	0	345	141	0	0	0	0.00	12.08	0
11580038	11580049	13.46	362 3-	1/0 ACSR 6/1	470	411	341	140	1315	60	26	0.34	11.15	285
11580039	11580038	13.53	360 3-	1/0 ACSR 6/1	468	409	339	140	1306	60	26	0.09	11.21	77
11580043	11580039	13.61	249 3-	1/0 ACSR 6/1	465	406	337	140	895	41	18	0.08	11.25	48

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
			CONS	CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
11580042	11580043	13.62	248 3-	1/0 ACSR 6/1	465	406	336	140	890	41	18	0.01	11.25	5
11-58-P024-B	11580042	13.62	248 3-	Closed	465	406	336	140	890	41	0	0.00	11.25	0
11-58-P024-A	11-58-P024-B	13.62	248 3-	Closed	465	406	336	140	890	41	0	0.00	11.25	0
11580044	11-58-P024-A	13.67	248 3-	1/0 ACSR 6/1	463	405	335	139	890	41	18	0.04	11.28	26
11580045	11580044	13.72	247 3-	1/0 ACSR 6/1	461	403	334	139	888	41	18	0.05	11.30	30
11580046	11580045	13.77	236 3-	1/0 ACSR 6/1	459	401	333	139	855	40	17	0.05	11.33	29
11580047	11580046	14.36	235 3-	1/0 ACSR 6/1	440	384	319	137	853	40	17	0.51	11.59	298
11690026	11580047	14.67	232 3-	1/0 ACSR 6/1	431	376	312	136	836	39	17	0.26	11.73	153
11690027	11690026	14.73	228 3-	1/0 ACSR 6/1	429	374	311	136	828	39	17	0.05	11.76	28
11690028	11690027	14.78	228 3-	1/0 ACSR 6/1	428	373	310	136	828	39	17	0.04	11.78	25
11690029	11690028	14.98	226 3-	1/0 ACSR 6/1	422	368	305	135	827	39	17	0.16	11.86	95
11690030	11690029	15.04	225 3-	1/0 ACSR 6/1	420	367	304	135	823	38	17	0.05	11.89	27
11690031	11690030	15.13	224 3-	1/0 ACSR 6/1	418	364	302	134	821	38	17	0.08	11.93	45
D11-69-P044	11690031	15.13	224 3-	REC-50-4H	418	364	302	134	821	38	78	0.00	11.93	0
11690035	D11-69-P044	15.17	224 3-	1/0 ACSR 6/1	417	363	302	134	821	38	17	0.03	11.94	16
11690043	11690035	15.23	204 3-	1/0 ACSR 6/1	415	362	300	134	757	36	16	0.04	11.97	25
11690044	11690043	15.58	203 3-	1/0 ACSR 6/1	405	353	293	133	756	35	16	0.23	12.10	138
11690034	11690044	15.61	202 3-	1/0 ACSR 6/1	405	353	293	133	749	35	16	0.02	12.12	12
11690033	11690034	15.76	200 3-	1/0 ACSR 6/1	401	349	290	132	740	35	15	0.10	12.17	57
12620039	11690033	15.81	195 3-	1/0 ACSR 6/1	399	348	289	132	725	34	15	0.03	12.19	18
C12-62-P52	12620039	15.81	0 3-	Capacitor	399	348	289	132	0	-12	0	0.00	12.19	0
12620021	12620039	15.86	195 3-	1/0 ACSR 6/1	398	347	288	132	725	33	15	0.04	12.22	17
12620053	12620021	15.92	1 1-	2 ACSR 6/1	0	0	287	132	2	0	0	0.00	9.24	0
12620022	12620021	15.91	194 3-	1/0 ACSR 6/1	397	346	287	132	723	33	15	0.04	12.24	16
12620020	12620022	15.97	194 3-	1/0 ACSR 6/1	395	345	286	132	723	33	15	0.04	12.27	20
R12-62-P51	12620020	15.97	194 3-	72	395	345	286	132	723	33	34	-11.16	2.69	0
12620023	R12-62-P51	16.00	194 3-	1/0 ACSR 6/1	395	344	286	131	723	31	14	0.03	2.71	11
12620025	12620023	16.14	194 3-	1/0 ACSR 6/1	391	341	283	131	723	31	14	0.09	2.78	38
12620027	12620025	16.21	189 3-	1/0 ACSR 6/1	389	339	282	131	706	30	13	0.05	2.81	20
12620028	12620027	16.40	185 3-	1/0 ACSR 6/1	385	335	279	130	689	29	13	0.13	2.90	52
12620030	12620028	16.61	182 3-	1/0 ACSR 6/1	380	331	275	129	686	29	13	0.14	3.00	55
12620032	12620030	16.68	180 3-	1/0 ACSR 6/1	378	330	274	129	674	29	13	0.05	3.03	19
12620033	12620032	16.74	178 3-	1/0 ACSR 6/1	377	328	273	129	666	28	12	0.04	3.05	14
12620036	12620033	16.77	137 3-	1/0 ACSR 6/1	376	328	272	129	514	22	10	0.01	3.06	5
12620037	12620036	16.81	136 3-	1/0 ACSR 6/1	375	327	272	129	504	21	9	0.01	3.08	5
12620040	12620037	16.85	133 3-	1/0 ACSR 6/1	374	326	271	129	489	21	9	0.01	3.09	5
12620041	12620040	16.90	2 1-	2 ACSR 6/1	0	0	270	129	9	1	1	0.00	2.70	0
12620042	12620040	16.92	131 3-	1/0 ACSR 6/1	373	325	270	129	480	20	9	0.02	3.11	8
12620043	12620042	16.97	127 3-	1/0 ACSR 6/1	372	324	269	128	470	20	9	0.01	3.13	6
12620044	12620043	17.03	124 3-	1/0 ACSR 6/1	370	323	268	128	454	19	9	0.02	3.15	7
12620046	12620044	17.09	120 3-	1/0 ACSR 6/1	369	322	267	128	438	18	8	0.02	3.16	6
12620051	12620046	17.16	106 3-	1/0 ACSR 6/1	368	320	266	128	369	15	7	0.02	3.18	5
12620052	12620051	17.43	105 3-	1/0 ACSR 6/1	362	315	262	127	362	15	7	0.10	3.25	20
12630029	12620052	17.73	78 3-	1/0 ACSR 6/1	356	310	257	126	250	10	5	0.09	3.30	15
12630028	12630029	17.88	78 3-	1/0 ACSR 6/1	353	307	255	126	250	10	5	0.05	3.32	8
12630021	12630028	18.00	76 3-	1/0 ACSR 6/1	350	305	254	125	234	10	4	0.03	3.34	6
12630013	12630021	18.08	0 1-	2 ACSR 6/1	0	0	252	125	0	0	0	0.00	4.20	0
12630012	12630021	18.10	76 3-	1/0 ACSR 6/1	348	303	252	125	234	10	4	0.03	3.36	5
12630014	12630012	18.19	1 1-	2 ACSR 6/1	0	0	251	125	2	0	0	0.00	4.23	0
12530006	12630014	18.22	0 1-	2 ACSR 6/1	0	0	250	124	0	0	0	0.00	4.23	0
12630015	12630012	18.27	75 3-	1/0 ACSR 6/1	345	300	250	124	231	10	4	0.05	3.38	8
12630016	12630015	18.32	74 3-	1/0 ACSR 6/1	344	300	249	124	227	9	4	0.01	3.39	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
12630017	12630016	18.38	74 3-	1/0 ACSR 6/1	343	298	248	124	227	9	4	0.02	3.40	3
12630018	12630017	18.60	74 3-	1/0 ACSR 6/1	339	295	245	123	226	9	4	0.06	3.43	11
D12-54-P047	12630018	18.60	23 1-	RBC-35-E	0	0	245	123	82	10	30	0.00	3.13	0
12540025	D12-54-P047	18.69	23 1-	2 ACSR 6/1	0	0	244	123	82	10	6	0.03	3.16	2
12640010	12540025	18.78	23 1-	2 ACSR 6/1	0	0	242	123	82	10	6	0.03	3.19	2
12640008	12640010	19.43	23 1-	2 ACSR 6/1	0	0	232	120	82	10	6	0.20	3.39	13
12640015	12640008	19.50	22 1-	2 ACSR 6/1	0	0	231	120	79	10	6	0.02	3.41	1
12640016	12640015	19.69	22 1-	2 ACSR 6/1	0	0	228	119	79	10	6	0.05	3.46	3
12640017	12640016	19.76	21 1-	2 ACSR 6/1	0	0	228	119	77	9	6	0.02	3.48	0
12640022	12640017	19.85	19 1-	2 ACSR 6/1	0	0	226	119	71	9	5	0.03	3.50	1
12640023	12640022	20.04	19 1-	2 ACSR 6/1	0	0	224	118	71	9	5	0.05	3.55	3
12640018	12640023	20.16	2 1-	2 ACSR 6/1	0	0	222	117	8	1	1	0.00	3.55	0
12640012	12640023	20.09	17 1-	2 ACSR 6/1	0	0	223	118	63	8	5	0.01	3.56	0
12640013	12640012	20.11	16 1-	2 ACSR 6/1	0	0	223	118	58	7	4	0.01	3.57	0
12640024	12640013	20.32	15 1-	2 ACSR 6/1	0	0	220	117	52	6	4	0.04	3.61	2
12650002	12640024	20.40	15 1-	2 ACSR 6/1	0	0	219	117	52	6	4	0.01	3.62	0
12750005	12650002	20.45	11 1-	2 ACSR 6/1	0	0	218	116	32	4	2	0.01	3.62	0
12750002	12750005	20.49	6 1-	2 ACSR 6/1	0	0	218	116	16	2	1	0.00	3.63	0
12750003	12750002	20.52	5 1-	2 ACSR 6/1	0	0	217	116	11	1	1	0.00	3.63	0
12750008	12750003	20.64	2 1-	2 ACSR 6/1	0	0	216	116	3	0	0	0.00	3.63	0
12750009	12750008	20.76	2 1-	2 ACSR 6/1	0	0	214	115	3	0	0	0.00	3.63	0
12750004	12750009	20.82	1 1-	2 ACSR 6/1	0	0	213	115	3	0	0	0.00	3.63	0
12640014	12640008	19.50	1 1-	2 ACSR 6/1	0	0	231	120	3	0	0	0.00	3.39	0
12640011	12630018	18.64	51 1-	RBC-35-E	0	0	245	123	144	18	10	0.02	4.40	3
D12-54-P045	12640011	18.64	51 1-	RBC-25-L	0	0	245	123	144	18	75	0.00	4.40	0
12540024	D12-54-P045	18.85	51 1-	2 ACSR 6/1	0	0	241	122	144	18	10	0.12	4.51	13
12540023	12540024	18.90	3 1-	2 ACSR 6/1	0	0	240	122	13	1	1	0.00	4.51	0
12540009	12540024	18.96	48 1-	2 ACSR 6/1	0	0	239	122	131	17	10	0.05	4.56	5
12540010	12540009	19.06	46 1-	2 ACSR 6/1	0	0	238	122	128	16	9	0.05	4.61	5
12540012	12540010	19.16	45 1-	2 ACSR 6/1	0	0	236	121	122	15	9	0.05	4.66	5
12540013	12540012	19.26	45 1-	2 ACSR 6/1	0	0	235	121	122	15	9	0.04	4.70	4
12540014	12540013	19.49	45 1-	2 ACSR 6/1	0	0	231	120	122	15	9	0.10	4.81	10
12540015	12540014	19.54	44 1-	2 ACSR 6/1	0	0	231	120	114	14	8	0.02	4.82	2
12540017	12540015	19.60	42 1-	2 ACSR 6/1	0	0	230	120	113	14	8	0.02	4.85	2
12540018	12540017	19.65	3 1-	2 ACSR 6/1	0	0	229	119	12	1	1	0.00	4.85	0
12540019	12540018	19.68	1 1-	2 ACSR 6/1	0	0	229	119	5	0	0	0.00	4.85	0
12540020	12540017	19.64	38 1-	2 ACSR 6/1	0	0	229	119	94	12	7	0.01	4.86	1
12540021	12540020	20.06	37 1-	2 ACSR 6/1	0	0	223	118	92	12	7	0.14	5.01	11
12550026	12540021	20.17	37 1-	2 ACSR 6/1	0	0	222	117	92	12	7	0.04	5.05	3
12550016	12550026	20.35	33 1-	2 ACSR 6/1	0	0	219	117	82	10	6	0.05	5.10	3
12550017	12550016	20.41	30 1-	2 ACSR 6/1	0	0	219	117	75	9	5	0.02	5.11	0
12550018	12550017	20.45	29 1-	2 ACSR 6/1	0	0	218	116	71	9	5	0.01	5.12	0
12550019	12550018	20.54	24 1-	2 ACSR 6/1	0	0	217	116	65	8	5	0.02	5.15	1
12550020	12550019	20.59	23 1-	2 ACSR 6/1	0	0	216	116	63	8	5	0.01	5.16	0
12550021	12550020	20.66	22 1-	2 ACSR 6/1	0	0	215	116	57	7	4	0.02	5.17	0
12550024	12550021	20.75	21 1-	2 ACSR 6/1	0	0	214	115	54	7	4	0.02	5.19	0
12550025	12550024	20.87	21 1-	2 ACSR 6/1	0	0	213	115	54	7	4	0.02	5.21	1
12550012	12550025	20.93	20 1-	2 ACSR 6/1	0	0	212	115	54	7	4	0.01	5.23	0
12550023	12550012	21.13	3 1-	2 ACSR 6/1	0	0	210	114	4	0	0	0.00	5.23	0
12450005	12550023	21.27	2 1-	2 ACSR 6/1	0	0	208	114	4	0	0	0.00	5.23	0
12450006	12450005	21.31	1 1-	2 ACSR 6/1	0	0	207	113	2	0	0	0.00	5.23	0
12550022	12550012	21.33	15 1-	2 ACSR 6/1	0	0	207	113	46	6	3	0.07	5.29	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
12560012	12550022	21.46	15 1-	2 ACSR 6/1	0	0	206	113	46	6	3	0.02	5.32	0
12560013	12560012	21.54	13 1-	2 ACSR 6/1	0	0	205	113	40	5	3	0.01	5.33	0
12560014	12560013	21.59	10 1-	2 ACSR 6/1	0	0	204	113	28	3	2	0.01	5.33	0
12560015	12560014	21.66	9 1-	2 ACSR 6/1	0	0	203	112	22	2	2	0.01	5.34	0
12560017	12560015	21.79	7 1-	2 ACSR 6/1	0	0	202	112	17	2	1	0.01	5.34	0
12560009	12560017	21.84	7 1-	2 ACSR 6/1	0	0	201	112	17	2	1	0.00	5.35	0
12560010	12560009	21.96	6 1-	2 ACSR 6/1	0	0	200	111	14	1	1	0.01	5.35	0
12560011	12560010	22.08	5 1-	2 ACSR 6/1	0	0	199	111	12	1	1	0.00	5.35	0
12560016	12560015	21.71	1 1-	2 ACSR 6/1	0	0	203	112	0	0	0	0.00	5.34	0
12550013	12550026	20.22	4 1-	2 ACSR 6/1	0	0	221	117	10	1	1	0.00	5.05	0
12550014	12550013	20.32	2 1-	2 ACSR 6/1	0	0	220	117	7	0	1	0.00	5.05	0
12550015	12550014	20.70	1 1-	2 ACSR 6/1	0	0	215	116	5	0	0	0.00	5.05	0
12450002	12550015	20.95	0 1-	2 ACSR 6/1	0	0	212	115	0	0	0	0.00	5.05	0
12540016	12540015	19.58	1 1-	2 ACSR 6/1	0	0	230	120	1	0	0	0.00	4.82	0
12540011	12540010	19.13	1 1-	2 ACSR 6/1	0	0	237	121	6	0	0	0.00	4.61	0
12630011	12620052	17.51	27 1-	2 ACSR 6/1	0	0	260	127	111	14	8	0.03	2.92	3
12630023	12630011	17.53	26 1-	2 ACSR 6/1	0	0	260	127	102	13	7	0.01	2.93	0
D12-63-P004A	12630023	17.53	20 1-	REC-35-H	0	0	260	127	92	11	34	0.00	2.93	0
12630030	D12-63-P004A	17.58	20 1-	2 ACSR 6/1	0	0	259	126	92	11	7	0.02	2.95	1
12530012	12630030	17.62	1 1-	2 ACSR 6/1	0	0	258	126	6	0	0	0.00	2.95	0
12530011	12630030	18.17	19 1-	2 ACSR 6/1	0	0	249	124	86	11	6	0.18	3.13	12
12530005	12530011	18.23	16 1-	2 ACSR 6/1	0	0	248	124	71	9	5	0.02	3.15	0
12530013	12530005	18.38	15 1-	2 ACSR 6/1	0	0	245	123	64	8	5	0.03	3.18	2
12530014	12530013	18.99	13 1-	2 ACSR 6/1	0	0	236	121	60	7	4	0.14	3.31	7
12430025	12530014	19.04	0 1-	2 ACSR 6/1	0	0	235	121	0	0	0	0.00	3.31	0
12430026	12430025	19.10	0 1-	2 ACSR 6/1	0	0	234	120	0	0	0	0.00	3.31	0
12430013	12530014	19.07	13 1-	2 ACSR 6/1	0	0	234	120	60	7	4	0.02	3.33	0
12430014	12430013	19.36	13 1-	2 ACSR 6/1	0	0	230	119	60	7	4	0.06	3.39	3
12430012	12430014	19.41	12 1-	2 ACSR 6/1	0	0	229	119	55	7	4	0.01	3.40	0
12430023	12430012	19.49	11 1-	2 ACSR 6/1	0	0	228	119	54	6	4	0.02	3.42	0
12430024	12430023	19.60	11 1-	2 ACSR 6/1	0	0	227	118	54	6	4	0.02	3.44	0
12430010	12430024	19.65	9 1-	2 ACSR 6/1	0	0	226	118	43	5	3	0.01	3.44	0
12430011	12430010	19.74	7 1-	2 ACSR 6/1	0	0	225	118	34	4	2	0.01	3.46	0
12430015	12430011	19.83	7 1-	2 ACSR 6/1	0	0	223	118	34	4	2	0.01	3.47	0
12430016	12430015	19.89	5 1-	2 ACSR 6/1	0	0	223	117	30	3	2	0.01	3.47	0
12430017	12430016	19.93	3 1-	2 ACSR 6/1	0	0	222	117	17	2	1	0.00	3.47	0
12430018	12430017	20.07	2 1-	2 ACSR 6/1	0	0	220	117	13	1	1	0.01	3.48	0
12340004	12430018	20.24	1 1-	2 ACSR 6/1	0	0	218	116	4	0	0	0.00	3.48	0
12340003	12430018	20.11	1 1-	2 ACSR 6/1	0	0	220	117	9	1	1	0.00	3.48	0
12530004	12530011	18.22	2 1-	2 ACSR 6/1	0	0	248	124	13	1	1	0.00	3.13	0
D12-63-P004	12630023	17.53	3 1-	REC-35-H	0	0	260	127	7	0	3	0.00	2.93	0
12630020	D12-63-P004	17.55	3 1-	2 ACSR 6/1	0	0	260	126	7	0	1	0.00	2.93	0
12630022	12630011	17.56	1 1-	2 ACSR 6/1	0	0	259	126	10	1	1	0.00	2.92	0
12620047	12620046	17.15	13 1-	2 ACSR 6/1	0	0	266	128	62	7	4	0.01	2.78	0
D12-62-P032	12620047	17.15	13 1-	REC-35-H	0	0	266	128	62	7	23	0.00	2.78	0
12620048	D12-62-P032	17.22	13 1-	2 ACSR 6/1	0	0	265	127	62	7	4	0.01	2.79	0
12620050	12620048	17.28	8 1-	2 ACSR 6/1	0	0	264	127	32	4	2	0.01	2.80	0
12620054	12620050	17.71	7 1-	2 ACSR 6/1	0	0	256	125	28	3	2	0.04	2.84	0
12630024	12620054	17.78	6 1-	2 ACSR 6/1	0	0	254	125	22	2	2	0.01	2.84	0
12630019	12630024	17.95	5 1-	2 ACSR 6/1	0	0	251	124	21	2	1	0.01	2.86	0
12730005	12630019	17.98	3 1-	2 ACSR 6/1	0	0	251	124	19	2	1	0.00	2.86	0
12730008	12730005	18.10	0 1-	2 ACSR 6/1	0	0	249	124	0	0	0	0.00	2.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
12730007	12730005	18.02	3 1-	2 ACSR 6/1	0	0	250	124	19	2	1	0.00	2.86	0
12730002	12730007	18.15	2 1-	2 ACSR 6/1	0	0	248	124	12	1	1	0.00	2.87	0
12730003	12730002	18.45	1 1-	2 ACSR 6/1	0	0	243	122	3	0	0	0.00	2.87	0
12730004	12730003	18.67	0 1-	2 ACSR 6/1	0	0	240	122	0	0	0	0.00	2.87	0
12620049	12620048	17.26	3 1-	2 ACSR 6/1	0	0	264	127	14	1	1	0.00	2.79	0
12620045	12620044	17.06	2 1-	2 ACSR 6/1	0	0	268	128	10	1	1	0.00	2.75	0
12620034	12620033	16.78	39 1-	2 ACSR 6/1	0	0	272	129	143	18	10	0.02	3.83	3
12620035	12620034	16.82	38 1-	2 ACSR 6/1	0	0	271	129	136	17	10	0.02	3.85	2
12520011	12620035	16.90	38 1-	2 ACSR 6/1	0	0	270	128	136	17	10	0.04	3.89	5
12520012	12520011	17.04	37 1-	2 ACSR 6/1	0	0	267	128	133	17	10	0.06	3.96	7
12520013	12520012	17.06	34 1-	2 ACSR 6/1	0	0	266	128	125	16	9	0.01	3.97	1
12520014	12520013	17.11	33 1-	2 ACSR 6/1	0	0	266	128	120	15	9	0.02	3.99	2
12520015	12520014	17.18	30 1-	2 ACSR 6/1	0	0	264	127	106	13	8	0.03	4.01	2
D12-52-P011	12520015	17.18	1 1-	RBC-25-H	0	0	264	127	8	1	4	0.00	4.01	0
12520016	D12-52-P011	17.21	1 1-	2 ACSR 6/1	0	0	264	127	8	1	1	0.00	4.01	0
12520018	12520015	17.55	29 1-	2 ACSR 6/1	0	0	257	126	98	12	7	0.13	4.15	11
12520017	12520018	17.94	27 1-	2 ACSR 6/1	0	0	250	124	88	11	6	0.12	4.27	9
12420020	12520017	18.06	25 1-	2 ACSR 6/1	0	0	248	124	81	10	6	0.04	4.31	2
12420021	12420020	18.12	23 1-	2 ACSR 6/1	0	0	247	123	79	10	6	0.01	4.32	0
12420022	12420021	18.17	22 1-	2 ACSR 6/1	0	0	246	123	77	10	6	0.02	4.34	0
12420023	12420022	18.21	21 1-	2 ACSR 6/1	0	0	246	123	72	9	5	0.01	4.35	0
12420024	12420023	18.28	19 1-	2 ACSR 6/1	0	0	245	123	70	9	5	0.02	4.37	0
12420025	12420024	18.34	18 1-	2 ACSR 6/1	0	0	244	123	64	8	5	0.01	4.38	0
12420027	12420025	18.41	15 1-	2 ACSR 6/1	0	0	243	122	54	7	4	0.01	4.39	0
12420028	12420027	18.50	13 1-	2 ACSR 6/1	0	0	241	122	52	6	4	0.02	4.41	0
12420030	12420028	18.63	13 1-	2 ACSR 6/1	0	0	239	121	52	6	4	0.02	4.43	0
12420031	12420030	18.76	11 1-	2 ACSR 6/1	0	0	237	121	46	5	3	0.02	4.45	0
12420032	12420031	18.85	9 1-	2 ACSR 6/1	0	0	236	121	30	3	2	0.01	4.46	0
12420033	12420032	18.92	2 1-	2 ACSR 6/1	0	0	235	120	3	0	0	0.00	4.46	0
12420034	12420033	18.99	2 1-	2 ACSR 6/1	0	0	234	120	3	0	0	0.00	4.46	0
12420026	12420034	19.03	0 1-	2 ACSR 6/1	0	0	233	120	0	0	0	0.00	4.46	0
12420019	12420034	19.13	2 1-	2 ACSR 6/1	0	0	231	119	3	0	0	0.00	4.46	0
12420035	12420032	18.91	5 1-	2 ACSR 6/1	0	0	235	120	23	2	2	0.00	4.46	0
12420036	12420035	19.53	3 1-	2 ACSR 6/1	0	0	226	118	5	0	0	0.01	4.47	0
12320005	12420036	19.59	2 1-	2 ACSR 6/1	0	0	225	118	0	0	0	0.00	4.47	0
12320006	12320005	19.64	2 1-	2 ACSR 6/1	0	0	224	118	0	0	0	0.00	4.47	0
12320008	12320006	19.74	1 1-	2 ACSR 6/1	0	0	223	117	0	0	0	0.00	4.47	0
12320007	12320006	19.71	1 1-	2 ACSR 6/1	0	0	223	117	0	0	0	0.00	4.47	0
12420029	12420028	18.68	0 1-	2 ACSR 6/1	0	0	238	121	0	0	0	0.00	4.41	0
12520019	12520018	17.77	2 1-	2 ACSR 6/1	0	0	253	125	9	1	1	0.01	4.16	0
12520020	12520019	17.80	2 1-	2 ACSR 6/1	0	0	253	125	9	1	1	0.00	4.16	0
12620031	12620030	16.66	1 1-	2 ACSR 6/1	0	0	274	129	8	0	1	0.00	2.62	0
12620029	12620028	16.53	0 1-	2 ACSR 6/1	0	0	276	130	0	0	0	0.00	3.58	0
12620026	12620025	16.22	2 1-	2 ACSR 6/1	0	0	281	131	6	0	0	0.00	3.40	0
12620038	11690033	15.99	4 1-	2 ACSR 6/1	0	0	285	131	12	1	1	0.01	13.02	0
12720003	12620038	16.18	4 1-	2 ACSR 6/1	0	0	281	130	12	1	1	0.01	13.03	0
12720005	12720003	16.23	3 1-	2 ACSR 6/1	0	0	280	130	8	1	1	0.00	13.03	0
12720004	12720005	16.47	1 1-	2 ACSR 6/1	0	0	275	129	5	0	0	0.00	13.03	0
12720002	12720004	16.67	0 1-	2 ACSR 6/1	0	0	271	128	0	0	0	0.00	13.03	0
11690032	11690034	15.67	1 1-	2 ACSR 6/1	0	0	292	132	3	0	0	0.00	14.20	0
11690036	11690035	15.22	20 1-	2 ACSR 6/1	0	0	300	134	63	8	5	0.01	13.92	0
11690045	11690036	15.23	16 1-	2 ACSR 6/1	0	0	300	134	54	7	4	0.00	13.93	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D11-69-P036	11690045	15.23	16 1-	REC-35-H	0	0	300	134	54	7	22	0.00	13.93	0
11690037	D11-69-P036	15.32	16 1-	2 ACSR 6/1	0	0	298	134	54	7	4	0.02	13.94	0
11690038	11690037	15.44	15 1-	2 ACSR 6/1	0	0	295	133	47	6	4	0.02	13.97	0
11690039	11690038	15.55	1 1-	2 ACSR 6/1	0	0	293	132	5	0	0	0.00	13.97	0
11690018	11690038	15.53	14 1-	2 ACSR 6/1	0	0	293	133	42	6	3	0.02	13.98	0
11790013	11690018	15.72	14 1-	2 ACSR 6/1	0	0	289	132	42	6	3	0.03	14.01	0
11790014	11790013	15.80	11 1-	2 ACSR 6/1	0	0	287	131	31	4	2	0.01	14.02	0
11790015	11790014	15.89	10 1-	2 ACSR 6/1	0	0	285	131	30	4	2	0.01	14.03	0
11790016	11790015	16.09	8 1-	2 ACSR 6/1	0	0	280	130	29	4	2	0.02	14.05	0
11790018	11790016	16.19	6 1-	2 ACSR 6/1	0	0	278	130	24	3	2	0.01	14.06	0
11790019	11790018	16.31	5 1-	2 ACSR 6/1	0	0	276	129	22	3	2	0.01	14.07	0
D11-79-P011	11790019	16.31	5 1-	FUS-15	0	0	276	129	22	3	24	0.00	14.07	0
11790024	D11-79-P011	16.46	5 1-	2 ACSR 6/1	0	0	273	128	22	3	2	0.01	14.09	0
11790025	11790024	16.64	5 1-	2 ACSR 6/1	0	0	269	128	22	3	2	0.02	14.10	0
11790023	11790025	16.85	5 1-	2 ACSR 6/1	0	0	265	127	22	3	2	0.02	14.12	0
11890006	11790023	16.89	4 1-	2 ACSR 6/1	0	0	264	127	21	2	2	0.00	14.12	0
11890007	11890006	16.93	2 1-	2 ACSR 6/1	0	0	263	126	6	0	0	0.00	14.12	0
11890003	11890007	17.12	1 1-	2 ACSR 6/1	0	0	260	126	6	0	0	0.00	14.13	0
11790017	11790016	16.15	1 1-	2 ACSR 6/1	0	0	279	130	1	0	0	0.00	14.05	0
11790012	11690018	15.57	0 1-	2 ACSR 6/1	0	0	292	132	0	0	0	0.00	13.98	0
11690019	11690045	15.28	0 1-	2 ACSR 6/1	0	0	299	134	0	0	0	0.00	13.93	0
11690017	11580047	14.60	3 1-	2 ACSR 6/1	0	0	312	136	14	1	1	0.01	13.26	0
D11-59-P007	11690017	14.60	3 1-	FUS	0	0	312	136	14	1	45	0.00	13.26	0
11590018	D11-59-P007	15.19	3 1-	2 ACSR 6/1	0	0	297	133	14	1	1	0.03	13.30	0
D11-59-P017	11590018	15.19	3 1-	FUS	0	0	297	133	14	1	45	0.00	13.30	0
11590019	D11-59-P017	15.34	3 1-	2 ACSR 6/1	0	0	294	132	14	1	1	0.01	13.30	0
11590020	11590019	15.57	3 1-	2 ACSR 6/1	0	0	288	131	14	1	1	0.01	13.31	0
11590009	11590020	15.67	2 1-	2 ACSR 6/1	0	0	286	131	8	1	1	0.00	13.32	0
11490026	11590009	15.73	2 1-	2 ACSR 6/1	0	0	285	131	8	1	1	0.00	13.32	0
11490010	11590009	15.84	0 1-	2 ACSR 6/1	0	0	282	130	0	0	0	0.00	13.32	0
11580022	11580045	13.83	11 1-	2 ACSR 6/1	0	0	331	139	33	4	3	0.01	12.71	0
D11-58-P027	11580022	13.83	11 1-	SEC-50-GH	0	0	331	139	33	4	0	0.00	12.71	0
11580048	D11-58-P027	14.10	11 1-	2 ACSR 6/1	0	0	323	137	33	4	3	0.03	12.74	0
11590015	11580048	14.16	9 1-	2 ACSR 6/1	0	0	321	137	29	4	2	0.01	12.75	0
11590010	11590015	14.21	7 1-	2 ACSR 6/1	0	0	320	137	20	2	2	0.00	12.75	0
11590013	11590010	14.23	5 1-	2 ACSR 6/1	0	0	319	137	16	2	1	0.00	12.75	0
11590014	11590013	14.32	3 1-	2 ACSR 6/1	0	0	317	136	8	1	1	0.00	12.75	0
11590011	11590010	14.24	2 1-	2 ACSR 6/1	0	0	319	137	5	0	0	0.00	12.75	0
11590012	11590011	14.28	2 1-	2 ACSR 6/1	0	0	318	137	5	0	0	0.00	12.75	0
11580040	11580039	13.58	111 3-	1/0 ACSR 6/1	466	407	337	140	410	18	8	0.02	11.22	6
11580041	11580040	13.69	110 3-	1/0 ACSR 6/1	462	404	335	139	402	18	8	0.04	11.26	12
D11-58-P054	11580041	13.69	110 3-	REC-35-H	462	404	335	139	402	18	53	0.00	11.26	0
11580023	D11-58-P054	13.77	110 3-	1/0 ACSR 6/1	460	401	333	139	402	18	8	0.03	11.28	8
11680028	11580023	13.83	107 3-	1/0 ACSR 6/1	457	399	331	139	385	17	8	0.03	11.30	7
11680029	11680028	13.87	105 3-	1/0 ACSR 6/1	456	398	330	139	380	17	8	0.01	11.31	4
11680031	11680029	14.10	103 3-	1/0 ACSR 6/1	448	392	325	138	369	17	7	0.09	11.37	22
11680032	11680031	14.15	99 3-	1/0 ACSR 6/1	447	390	324	138	354	16	7	0.02	11.38	4
11680034	11680032	14.22	1 1-	2 ACSR 6/1	0	0	322	137	7	0	1	0.00	12.74	0
11680018	11680032	14.18	98 3-	1/0 ACSR 6/1	446	389	323	138	347	16	7	0.01	11.39	3
11680020	11680018	14.29	93 3-	1/0 ACSR 6/1	442	386	320	137	332	15	7	0.04	11.41	9
11680021	11680020	14.40	92 3-	1/0 ACSR 6/1	439	383	318	137	325	15	7	0.03	11.44	8
11680024	11680021	14.50	91 3-	1/0 ACSR 6/1	436	381	316	137	320	14	6	0.03	11.46	7

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11680025	11680024	14.54	2 1-	2 ACSR 6/1	0	0	315	136	7	0	1	0.00	12.34	0
11680022	11680025	14.60	1 1-	2 ACSR 6/1	0	0	313	136	6	0	1	0.00	12.34	0
11680026	11680024	14.55	88 3-	1/0 ACSR 6/1	435	379	315	136	304	14	6	0.02	11.47	4
11680038	11680026	14.62	86 3-	1/0 ACSR 6/1	432	377	313	136	302	13	6	0.02	11.49	6
11680023	11680038	14.80	86 3-	1/0 ACSR 6/1	427	373	309	135	301	13	6	0.06	11.53	13
11780055	11680023	14.87	84 3-	1/0 ACSR 6/1	425	371	308	135	292	13	6	0.02	11.54	5
11780056	11780055	14.95	82 3-	1/0 ACSR 6/1	423	369	306	135	288	13	6	0.03	11.56	6
D11-78-P005	11780056	14.95	31 1-	SEC-35-GH	0	0	306	135	92	12	0	0.00	12.99	0
11780077	D11-78-P005	15.02	31 1-	2 ACSR 6/1	0	0	304	135	92	12	7	0.02	13.02	2
11780078	11780077	15.08	29 1-	2 ACSR 6/1	0	0	303	134	81	11	6	0.02	13.03	1
11780079	11780078	15.13	26 1-	2 ACSR 6/1	0	0	302	134	72	10	6	0.01	13.05	0
11780086	11780079	15.17	24 1-	2 ACSR 6/1	0	0	301	134	61	8	5	0.01	13.06	0
11780087	11780086	15.26	20 1-	2 ACSR 6/1	0	0	298	134	46	6	4	0.01	13.07	0
11780063	11780087	15.35	17 1-	2 ACSR 6/1	0	0	296	133	35	4	3	0.01	13.08	0
11780064	11780063	15.49	13 1-	2 ACSR 6/1	0	0	293	132	30	4	2	0.01	13.10	0
11770007	11780064	15.54	9 1-	2 ACSR 6/1	0	0	292	132	21	2	2	0.00	13.10	0
11770008	11770007	15.56	9 1-	2 ACSR 6/1	0	0	291	132	21	2	2	0.00	13.10	0
11770009	11770008	15.62	8 1-	2 ACSR 6/1	0	0	290	132	15	2	1	0.00	13.11	0
11770011	11770009	15.71	8 1-	2 ACSR 6/1	0	0	288	131	15	2	1	0.01	13.11	0
11770012	11770011	15.74	2 1-	2 ACSR 6/1	0	0	287	131	6	0	0	0.00	13.11	0
11770010	11770011	15.75	5 1-	2 ACSR 6/1	0	0	287	131	8	1	1	0.00	13.11	0
11670008	11770010	15.79	3 1-	2 ACSR 6/1	0	0	286	131	7	0	0	0.00	13.11	0
11780057	11780056	14.98	49 3-	2 ACSR 6/1	422	368	305	135	190	8	5	0.00	11.56	1
11780058	11780057	15.03	48 3-	2 ACSR 6/1	420	366	304	135	190	8	5	0.00	11.58	3
11780050	11780058	15.08	47 3-	2 ACSR 6/1	418	364	303	134	183	8	5	0.00	11.58	2
11780060	11780050	15.15	41 3-	2 ACSR 6/1	415	362	301	134	156	7	4	0.00	11.60	3
11780061	11780060	15.18	40 3-	2 ACSR 6/1	415	361	300	134	152	6	4	0.00	11.60	1
D11-78-P015A	11780061	15.18	12 1-	SEC-35-GH	0	0	300	134	39	5	0	0.00	13.01	0
11780062	D11-78-P015A	15.21	12 1-	2 ACSR 6/1	0	0	300	134	39	5	3	0.00	13.01	0
11780074	11780062	15.24	10 1-	2 ACSR 6/1	0	0	299	134	29	4	2	0.00	13.01	0
11780080	11780074	15.30	9 1-	2 ACSR 6/1	0	0	297	133	24	3	2	0.01	13.02	0
11780081	11780080	15.48	8 1-	2 ACSR 6/1	0	0	293	133	22	3	2	0.01	13.03	0
11780075	11780081	15.53	4 1-	2 ACSR 6/1	0	0	292	132	8	1	1	0.00	13.03	0
11780076	11780075	15.60	1 1-	2 ACSR 6/1	0	0	290	132	2	0	0	0.00	13.03	0
11780082	11780081	15.61	1 1-	2 ACSR 6/1	0	0	290	132	5	0	0	0.00	13.03	0
D11-78-P015	11780061	15.18	28 1-	SEC-35-GH	0	0	300	134	112	15	0	0.00	9.46	0
11780065	D11-78-P015	15.25	28 1-	2 ACSR 6/1	0	0	299	134	112	15	9	0.03	9.48	3
11780066	11780065	15.38	27 1-	2 ACSR 6/1	0	0	295	133	107	14	8	0.06	9.54	5
11780051	11780066	15.47	2 1-	2 ACSR 6/1	0	0	293	133	9	1	1	0.00	9.54	0
11780052	11780051	15.50	1 1-	2 ACSR 6/1	0	0	293	132	3	0	0	0.00	9.54	0
11780047	11780066	15.43	25 1-	2 ACSR 6/1	0	0	294	133	98	13	7	0.02	9.56	2
11780069	11780047	15.53	25 1-	2 ACSR 6/1	0	0	292	132	98	13	7	0.04	9.60	3
11780071	11780069	15.63	19 1-	2 ACSR 6/1	0	0	290	132	75	10	6	0.03	9.62	2
11780088	11780071	15.72	0 1-	2 ACSR 6/1	0	0	288	131	0	0	0	0.00	9.62	0
11780073	11780071	15.67	2 1-	2 ACSR 6/1	0	0	289	132	11	1	1	0.00	9.63	0
11780072	11780071	15.79	16 1-	2 ACSR 6/1	0	0	286	131	60	8	5	0.04	9.66	2
11780089	11780072	15.85	6 1-	2 ACSR 6/1	0	0	285	131	13	1	1	0.00	9.66	0
11780090	11780089	15.90	3 1-	2 ACSR 6/1	0	0	284	131	5	0	0	0.00	9.66	0
11780091	11780090	15.95	0 1-	2 ACSR 6/1	0	0	282	130	0	0	0	0.00	9.66	0
11780083	11780090	15.94	2 1-	2 ACSR 6/1	0	0	283	130	3	0	0	0.00	9.66	0
11780046	11780072	15.85	8 1-	2 ACSR 6/1	0	0	285	131	33	4	2	0.01	9.67	0
11780049	11780046	16.07	6 1-	2 ACSR 6/1	0	0	280	130	27	3	2	0.02	9.69	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11880007	11780049	16.16	5 1-	2 ACSR 6/1	0	0	278	130	20	2	2	0.01	9.70	0
11880009	11880007	16.24	1 1-	2 ACSR 6/1	0	0	276	129	6	0	0	0.00	9.70	0
11880008	11880007	16.36	4 1-	2 ACSR 6/1	0	0	274	129	14	1	1	0.01	9.70	0
11870005	11880008	16.43	3 1-	2 ACSR 6/1	0	0	272	128	8	1	1	0.00	9.71	0
11870006	11870005	16.62	1 1-	2 ACSR 6/1	0	0	268	128	6	0	0	0.00	9.71	0
11780085	11780046	15.92	2 1-	2 ACSR 6/1	0	0	283	131	6	0	0	0.00	9.67	0
11780084	11780072	15.85	1 1-	2 ACSR 6/1	0	0	285	131	9	1	1	0.00	9.66	0
11780070	11780069	15.61	2 1-	2 ACSR 6/1	0	0	290	132	12	1	1	0.00	9.60	0
11780068	11780069	15.58	4 1-	2 ACSR 6/1	0	0	291	132	12	1	1	0.00	9.60	0
11780067	11780068	15.61	2 1-	2 ACSR 6/1	0	0	290	132	6	0	0	0.00	9.60	0
11780053	11780047	15.46	0 1-	2 ACSR 6/1	0	0	294	133	0	0	0	0.00	9.56	0
11780059	11780050	15.12	3 1-	2 ACSR 6/1	0	0	302	134	13	1	1	0.00	13.01	0
11780054	11680023	14.88	2 1-	2 ACSR 6/1	0	0	307	135	9	1	1	0.00	12.95	0
11680019	11680018	14.21	5 1-	2 ACSR 6/1	0	0	322	137	15	2	1	0.00	12.33	0
11680036	11680019	14.59	2 1-	2 ACSR 6/1	0	0	312	136	11	1	1	0.01	12.34	0
11680037	11680036	14.61	1 1-	2 ACSR 6/1	0	0	311	136	4	0	0	0.00	12.34	0
11680035	11680019	14.26	3 1-	2 ACSR 6/1	0	0	321	137	3	0	0	0.00	12.33	0
11680033	11680031	14.12	2 1-	2 ACSR 6/1	0	0	324	138	7	1	1	0.00	12.72	0
11680030	11680029	13.91	1 1-	2 ACSR 6/1	0	0	329	139	7	0	1	0.00	12.64	0
11680027	11580023	13.81	3 1-	2 ACSR 6/1	0	0	331	139	17	2	1	0.00	8.95	0
11480040	11480029	12.11	1 1-	2 ACSR 6/1	0	0	378	145	4	0	0	0.00	10.43	0
11480041	11480040	12.18	1 1-	2 ACSR 6/1	0	0	376	145	4	0	0	0.00	10.43	0
11370045	11370044	10.94	2 1-	2 ACSR 6/1	0	0	420	150	11	1	1	0.00	8.99	0
11370046	11370045	10.97	1 1-	2 ACSR 6/1	0	0	419	150	6	0	0	0.00	8.99	0
11370047	11370046	11.15	0 1-	2 ACSR 6/1	0	0	410	149	0	0	0	0.00	8.99	0
11370054	11370053	10.25	38 1-	2 ACSR 6/1	0	0	449	153	131	17	10	0.03	8.80	3
11370055	11370054	10.32	37 1-	2 ACSR 6/1	0	0	445	152	122	16	9	0.04	8.83	4
D11-37-P054	11370055	10.32	35 1-	REC-35-H	0	0	445	152	113	15	44	0.00	8.83	0
11370035	D11-37-P054	10.33	35 1-	2 ACSR 6/1	0	0	444	152	113	15	9	0.00	8.84	0
11370036	11370035	10.39	33 1-	2 ACSR 6/1	0	0	441	152	110	14	8	0.02	8.86	2
11370037	11370036	10.45	32 1-	2 ACSR 6/1	0	0	438	151	105	14	8	0.02	8.88	2
11370033	11370037	10.56	30 1-	2 ACSR 6/1	0	0	433	151	98	13	7	0.04	8.92	3
11370041	11370033	10.65	27 1-	2 ACSR 6/1	0	0	428	150	90	12	7	0.03	8.96	2
11370040	11370041	10.73	24 1-	2 ACSR 6/1	0	0	424	150	75	10	6	0.02	8.98	1
11270017	11370040	10.81	22 1-	2 ACSR 6/1	0	0	420	149	72	9	5	0.02	9.00	1
11270018	11270017	10.93	21 1-	2 ACSR 6/1	0	0	415	149	71	9	5	0.03	9.03	2
11270022	11270018	10.99	0 1-	2 ACSR 6/1	0	0	412	148	0	0	0	0.00	9.03	0
11270019	11270018	11.02	21 1-	2 ACSR 6/1	0	0	410	148	71	9	5	0.02	9.05	1
11270021	11270019	11.08	20 1-	2 ACSR 6/1	0	0	407	148	64	8	5	0.02	9.07	0
11270032	11270021	11.18	20 1-	2 ACSR 6/1	0	0	403	147	64	8	5	0.02	9.09	1
11270033	11270032	11.27	18 1-	2 ACSR 6/1	0	0	399	147	59	8	4	0.02	9.11	0
11270025	11270033	11.32	16 1-	2 ACSR 6/1	0	0	397	147	54	7	4	0.01	9.12	0
11270026	11270025	11.36	15 1-	2 ACSR 6/1	0	0	395	146	47	6	4	0.01	9.13	0
11270027	11270026	11.48	14 1-	2 ACSR 6/1	0	0	390	146	41	5	3	0.02	9.15	0
11270028	11270027	11.59	11 1-	2 ACSR 6/1	0	0	386	145	38	5	3	0.02	9.16	0
11270031	11270028	11.66	4 1-	2 ACSR 6/1	0	0	383	145	10	1	1	0.00	9.17	0
11270023	11270031	11.75	3 1-	2 ACSR 6/1	0	0	379	144	8	1	1	0.00	9.17	0
11270024	11270023	11.82	2 1-	2 ACSR 6/1	0	0	376	144	3	0	0	0.00	9.17	0
11280012	11270024	11.86	2 1-	2 ACSR 6/1	0	0	375	144	3	0	0	0.00	9.17	0
11280013	11280012	11.93	1 1-	2 ACSR 6/1	0	0	372	143	2	0	0	0.00	9.17	0
11280014	11280013	12.12	0 1-	2 ACSR 6/1	0	0	365	142	0	0	0	0.00	9.17	0
11270029	11270028	11.64	7 1-	2 ACSR 6/1	0	0	384	145	28	3	2	0.01	9.17	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11270030	11270029	11.76	6 1-	2 ACSR 6/1	0	0	379	144	27	3	2	0.01	9.18	0
11270034	11270030	11.92	6 1-	2 ACSR 6/1	0	0	373	143	27	3	2	0.02	9.20	0
11270035	11270034	12.04	5 1-	2 ACSR 6/1	0	0	368	143	23	3	2	0.01	9.21	0
11170005	11270035	12.15	1 1-	2 ACSR 6/1	0	0	364	142	1	0	0	0.00	9.21	0
11170006	11170005	12.30	0 1-	2 ACSR 6/1	0	0	359	141	0	0	0	0.00	9.21	0
11170002	11270035	12.08	2 1-	2 ACSR 6/1	0	0	367	143	11	1	1	0.00	9.21	0
11270020	11270019	11.22	0 1-	2 ACSR 6/1	0	0	401	147	0	0	0	0.00	9.05	0
11370039	11370041	10.69	1 1-	2 ACSR 6/1	0	0	426	150	10	1	1	0.00	8.96	0
11370038	11370033	10.62	1 1-	2 ACSR 6/1	0	0	429	150	1	0	0	0.00	8.92	0
11370032	11370037	10.54	2 1-	2 ACSR 6/1	0	0	434	151	7	0	1	0.00	8.89	0
11370034	11370055	10.38	1 1-	2 ACSR 6/1	0	0	442	152	3	0	0	0.00	8.83	0
11370028	11360017	10.04	0 1-	2 ACSR 6/1	0	0	458	153	0	0	0	0.00	6.09	0
11360031	11360030	9.90	5 1-	2 ACSR 6/1	0	0	465	154	19	2	1	0.00	7.61	0
11360032	11360031	9.94	1 1-	2 ACSR 6/1	0	0	462	154	7	0	1	0.00	7.61	0
11360029	11360031	9.94	1 1-	2 ACSR 6/1	0	0	463	154	6	0	0	0.00	7.61	0
11110041	11110042	9.46	29 1-	2 ACSR 6/1	0	0	486	156	97	12	7	0.05	6.91	4
D11-46-P031	11110041	9.46	29 1-	REC-25-H	0	0	486	156	97	12	52	0.00	6.91	0
11110048	D11-46-P031	9.68	29 1-	2 ACSR 6/1	0	0	472	154	97	12	7	0.08	6.99	6
11360036	11110048	9.77	10 1-	2 ACSR 6/1	0	0	467	154	37	4	3	0.01	7.00	0
11360033	11360036	9.88	4 1-	2 ACSR 6/1	0	0	461	153	19	2	1	0.01	7.01	0
11110047	11360033	9.93	1 1-	2 ACSR 6/1	0	0	458	153	6	0	0	0.00	7.01	0
11360037	11360036	10.23	2 1-	2 ACSR 6/1	0	0	441	151	7	0	1	0.01	7.01	0
11360035	11360037	10.39	1 1-	2 ACSR 6/1	0	0	433	150	7	0	1	0.00	7.01	0
11360021	11360035	10.64	0 1-	2 ACSR 6/1	0	0	421	149	0	0	0	0.00	7.01	0
11360034	11110048	9.92	17 1-	2 ACSR 6/1	0	0	458	153	54	7	4	0.05	7.04	2
11360023	11360034	10.16	16 1-	2 ACSR 6/1	0	0	445	152	46	6	3	0.04	7.08	1
11360024	11360023	10.25	15 1-	2 ACSR 6/1	0	0	440	151	42	5	3	0.02	7.09	0
11360026	11360024	10.35	15 1-	2 ACSR 6/1	0	0	435	151	42	5	3	0.01	7.11	0
11360027	11360026	10.46	14 1-	2 ACSR 6/1	0	0	430	150	39	5	3	0.02	7.12	0
11360038	11360027	11.01	14 1-	2 ACSR 6/1	0	0	403	147	39	5	3	0.08	7.20	3
11260022	11360038	11.13	13 1-	2 ACSR 6/1	0	0	398	146	37	4	3	0.02	7.22	0
11260015	11260022	11.16	11 1-	2 ACSR 6/1	0	0	397	146	36	4	3	0.00	7.23	0
11260016	11260015	11.24	10 1-	2 ACSR 6/1	0	0	393	146	30	4	2	0.01	7.23	0
11260017	11260016	11.36	8 1-	2 ACSR 6/1	0	0	388	145	19	2	1	0.01	7.24	0
11260018	11260017	11.43	7 1-	2 ACSR 6/1	0	0	386	145	18	2	1	0.00	7.25	0
11260019	11260018	11.57	6 1-	2 ACSR 6/1	0	0	380	144	18	2	1	0.01	7.26	0
11260020	11260019	11.66	4 1-	2 ACSR 6/1	0	0	376	143	15	1	1	0.01	7.26	0
11260021	11260020	11.72	1 1-	2 ACSR 6/1	0	0	374	143	4	0	0	0.00	7.26	0
11260013	11260020	11.75	3 1-	2 ACSR 6/1	0	0	373	143	11	1	1	0.00	7.26	0
11160005	11260013	11.95	1 1-	2 ACSR 6/1	0	0	365	142	3	0	0	0.00	7.26	0
11160006	11160005	12.03	0 1-	2 ACSR 6/1	0	0	362	142	0	0	0	0.00	7.26	0
11260012	11260016	11.60	2 1-	2 ACSR 6/1	0	0	379	144	11	1	1	0.02	7.25	0
11260014	11260012	11.69	2 1-	2 ACSR 6/1	0	0	375	143	11	1	1	0.00	7.25	0
11160004	11260014	11.80	1 1-	2 ACSR 6/1	0	0	371	143	5	0	0	0.00	7.25	0
11360016	11360027	10.51	0 1-	2 ACSR 6/1	0	0	427	150	0	0	0	0.00	7.12	0
11360025	11360024	10.33	0 1-	2 ACSR 6/1	0	0	436	151	0	0	0	0.00	7.09	0
11360019	11360034	9.94	1 1-	2 ACSR 6/1	0	0	457	153	8	1	1	0.00	7.04	0
11360020	11360019	9.97	1 1-	2 ACSR 6/1	0	0	456	153	8	1	1	0.00	7.04	0
11360022	11360020	10.01	0 1-	2 ACSR 6/1	0	0	453	153	0	0	0	0.00	7.04	0
11110040	11110039	9.13	1 1-	2 ACSR 6/1	0	0	505	157	2	0	0	0.00	5.24	0
11110035	11110049	8.79	1 1-	2 ACSR 6/1	0	0	525	159	3	0	0	0.00	4.89	0
11110029	11110049	8.76	2 1-	2 ACSR 6/1	0	0	527	159	4	0	0	0.00	4.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11110028	11110049	8.82	10 1-	2 ACSR 6/1	0	0	522	159	28	3	2	0.01	6.14	0
D11-46-P008	11110028	8.82	10 1-	REC-25-H	0	0	522	159	28	3	15	0.00	6.14	0
11110030	D11-46-P008	8.89	10 1-	2 ACSR 6/1	0	0	517	158	28	3	2	0.01	6.15	0
11110031	11110030	8.90	9 1-	2 ACSR 6/1	0	0	516	158	27	3	2	0.00	6.15	0
11110032	11110031	8.98	8 1-	2 ACSR 6/1	0	0	511	158	22	2	2	0.01	6.15	0
11110033	11110032	9.07	7 1-	2 ACSR 6/1	0	0	505	157	21	2	2	0.01	6.16	0
11110034	11110033	9.50	5 1-	2 ACSR 6/1	0	0	477	154	19	2	1	0.03	6.19	0
11450015	11110034	9.57	0 1-	2 ACSR 6/1	0	0	473	154	0	0	0	0.00	6.19	0
11450016	11450015	9.66	0 1-	2 ACSR 6/1	0	0	467	154	0	0	0	0.00	6.19	0
11450012	11450016	9.93	0 1-	2 ACSR 6/1	0	0	452	152	0	0	0	0.00	6.19	0
11450017	11110034	9.60	4 1-	2 ACSR 6/1	0	0	470	154	12	1	1	0.00	6.19	0
11450018	11450017	9.82	3 1-	2 ACSR 6/1	0	0	458	153	12	1	1	0.01	6.20	0
11450019	11450018	10.07	2 1-	2 ACSR 6/1	0	0	444	151	8	1	1	0.01	6.21	0
11450020	11450019	10.14	2 1-	2 ACSR 6/1	0	0	440	151	8	1	1	0.00	6.21	0
11450013	11450020	10.35	2 1-	2 ACSR 6/1	0	0	429	150	8	1	1	0.01	6.21	0
11450014	11450013	10.50	1 1-	2 ACSR 6/1	0	0	422	149	7	0	0	0.00	6.22	0
11450011	11450019	10.29	0 1-	2 ACSR 6/1	0	0	432	150	0	0	0	0.00	6.21	0
11560088	11560086	8.50	2 1-	2 ACSR 6/1	0	0	543	160	3	0	0	0.00	4.60	0
11560084	11560083	8.33	1 1-	2 ACSR 6/1	0	0	554	161	10	1	1	0.00	5.04	0
11560082	11560081	8.23	3 1-	2 ACSR 6/1	0	0	561	161	9	1	1	0.00	4.90	0
11560080	11560074	8.17	4 1-	2 ACSR 6/1	0	0	566	162	22	2	2	0.00	4.97	0
11560097	11560080	8.21	1 1-	2 ACSR 6/1	0	0	562	161	6	0	0	0.00	4.97	0
11560073	11560028	8.11	9 1-	2 ACSR 6/1	0	0	570	162	17	2	1	0.00	4.68	0
11560089	11560073	8.17	3 1-	2 ACSR 6/1	0	0	564	161	5	0	0	0.00	4.68	0
11560090	11560089	8.26	1 1-	2 ACSR 6/1	0	0	557	161	0	0	0	0.00	4.68	0
11560072	11560028	8.13	3 1-	2 ACSR 6/1	0	0	568	162	2	0	0	0.00	4.22	0
11560029	11560095	7.86	19 1-	2 ACSR 6/1	0	0	587	163	82	10	6	0.03	4.17	2
D11-56-P033	11560029	7.86	19 1-	FUS	0	0	587	163	82	10	242	0.00	4.17	0
11560030	D11-56-P033	8.05	19 1-	2 ACSR 6/1	0	0	570	162	82	10	6	0.06	4.23	4
11560066	11560030	8.11	17 1-	2 ACSR 6/1	0	0	565	161	70	9	5	0.01	4.24	0
11560076	11560066	8.18	16 1-	2 ACSR 6/1	0	0	560	161	64	8	5	0.02	4.26	0
11560079	11560076	8.23	3 1-	2 ACSR 6/1	0	0	555	161	9	1	1	0.00	4.26	0
11560077	11560076	8.23	12 1-	2 ACSR 6/1	0	0	555	161	49	6	4	0.01	4.27	0
11560078	11560077	8.28	10 1-	2 ACSR 6/1	0	0	551	160	39	5	3	0.01	4.28	0
11560067	11560078	8.35	8 1-	2 ACSR 6/1	0	0	545	160	37	4	3	0.01	4.28	0
11560068	11560067	8.42	7 1-	2 ACSR 6/1	0	0	540	159	26	3	2	0.01	4.29	0
11560102	11560068	8.49	6 1-	2 ACSR 6/1	0	0	534	159	26	3	2	0.01	4.30	0
11560069	11560102	8.54	4 1-	2 ACSR 6/1	0	0	531	159	20	2	1	0.00	4.30	0
11560071	11560069	8.65	2 1-	2 ACSR 6/1	0	0	522	158	12	1	1	0.00	4.30	0
11560070	11560069	8.55	2 1-	2 ACSR 6/1	0	0	529	159	8	1	1	0.00	4.30	0
11560075	11560066	8.13	1 1-	2 ACSR 6/1	0	0	564	161	6	0	0	0.00	4.24	0
11560065	11560030	8.12	2 1-	2 ACSR 6/1	0	0	564	161	12	1	1	0.00	4.23	0
11560064	11560095	7.81	1 1-	2 ACSR 6/1	0	0	592	163	1	0	0	0.00	4.14	0
11560099	11560098	7.48	1 1-	2 ACSR 6/1	0	0	618	165	7	0	0	0.00	3.50	0
11530010	11530009	4.54	0 1-	2 ACSR 6/1	0	0	1027	179	0	0	0	0.00	5.74	0
11530008	11530022	4.46	1 1-	2 ACSR 6/1	0	0	1044	180	7	0	1	0.00	5.59	0
11530018	11530016	3.86	8 1-	2 ACSR 6/1	0	0	1211	183	16	2	1	0.00	3.77	0
D11-53-P061	11530018	3.86	8 1-	REC-50-4H	0	0	1211	183	16	2	4	0.00	3.77	0
11530007	D11-53-P061	4.60	8 1-	2 ACSR 6/1	0	0	984	177	16	2	1	0.04	3.82	0
11540014	11530007	4.69	7 1-	2 ACSR 6/1	0	0	962	177	13	1	1	0.00	3.82	0
11540013	11540014	4.72	1 1-	2 ACSR 6/1	0	0	953	176	3	0	0	0.00	3.82	0
11540012	11540014	4.76	3 1-	2 ACSR 6/1	0	0	945	176	4	0	0	0.00	3.82	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11540015	11540012	4.81	1 1-	2 ACSR 6/1	0	0	932	176	0	0	0	0.00	3.82	0
11540006	11540012	4.84	2 1-	2 ACSR 6/1	0	0	927	176	4	0	0	0.00	3.82	0
11540008	11540006	5.05	1 1-	2 ACSR 6/1	0	0	880	174	3	0	0	0.00	3.82	0
11540009	11540008	5.17	1 1-	2 ACSR 6/1	0	0	857	173	3	0	0	0.00	3.82	0
11540011	11530007	4.67	1 1-	2 ACSR 6/1	0	0	965	177	3	0	0	0.00	3.82	0
11530015	11630004	3.70	6 1-	2 ACSR 6/1	0	0	1265	184	29	3	2	0.00	4.07	0
11530012	11530015	3.76	3 1-	2 ACSR 6/1	0	0	1239	183	15	1	1	0.00	4.07	0
11530013	11530012	3.78	2 1-	2 ACSR 6/1	0	0	1231	183	12	1	1	0.00	4.08	0
11530014	11530013	3.83	1 1-	2 ACSR 6/1	0	0	1214	183	6	0	0	0.00	4.08	0
11530017	11530015	3.75	3 1-	2 ACSR 6/1	0	0	1242	183	14	1	1	0.00	4.07	0
11620052	11720058	2.23	7 1-	2 ACSR 6/1	0	0	1983	191	33	4	2	0.00	1.12	0
11620066	11620052	2.29	2 1-	2 ACSR 6/1	0	0	1936	190	8	1	1	0.00	1.12	0
11620051	11620052	2.31	3 1-	2 ACSR 6/1	0	0	1916	190	17	2	1	0.00	1.13	0
11720102	11720092	1.81	2 1-	2 ACSR 6/1	0	0	2241	192	9	1	1	0.00	0.91	0
11720103	11720102	1.84	1 1-	2 ACSR 6/1	0	0	2211	191	6	0	0	0.00	0.91	0
11720097	11720061	1.58	3 1-	2 ACSR 6/1	0	0	2420	192	4	0	0	0.00	0.79	0
11720059	11720061	1.58	3 1-	2 ACSR 6/1	0	0	2415	192	11	1	1	0.00	0.79	0
11820076	11820056	1.14	6 1-	2 ACSR 6/1	0	0	2828	193	27	3	2	0.01	1.22	0
11820074	11820076	1.17	1 1-	2 ACSR 6/1	0	0	2787	193	8	0	1	0.00	1.22	0
11820073	11820076	1.19	3 1-	2 ACSR 6/1	0	0	2741	192	11	1	1	0.00	1.22	0
11820051	11820061	1.04	7 1-	2 ACSR 6/1	0	0	2987	193	33	4	2	0.00	0.55	0
11820052	11820051	1.07	6 1-	2 ACSR 6/1	0	0	2941	193	25	3	2	0.00	0.56	0
11820053	11820052	1.11	3 1-	2 ACSR 6/1	0	0	2865	193	14	1	1	0.00	0.56	0
11820054	11820053	1.13	2 1-	2 ACSR 6/1	0	0	2820	193	7	0	0	0.00	0.56	0
11820099	11820094	0.80	5 1-	2 ACSR 6/1	0	0	3284	194	18	2	1	0.01	0.41	0
11820100	11820099	0.83	5 1-	2 ACSR 6/1	0	0	3199	193	18	2	1	0.00	0.41	0
11820137	11820100	0.88	4 1-	2 ACSR 6/1	0	0	3103	193	14	1	1	0.00	0.41	0
11820138	11820137	0.92	3 1-	2 ACSR 6/1	0	0	3017	193	8	0	1	0.00	0.41	0
11820097	11820096	0.64	3 1-	2 ACSR 6/1	0	0	3595	194	5	0	0	0.00	0.35	0
11820095	11820097	0.68	2 1-	2 ACSR 6/1	0	0	3491	194	4	0	0	0.00	0.35	0

CKT 1 total losses: \$49,534

SUB 53, CKT 2

BK5302	HINKLE(53)	0.00	626 3-	BK5302	5101	5199	5367	196	2857	120	32	0.00	0.00	0
11920021	BK5302	0.04	626 3-	336 ACSR 18/1	5020	5101	5223	196	2857	120	23	0.04	0.03	50
11920024	11920021	0.15	626 3-	336 ACSR 18/1	4800	4836	4847	196	2857	120	23	0.10	0.10	143
11820090	11920024	0.27	626 3-	336 ACSR 18/1	4573	4568	4483	195	2856	120	23	0.11	0.19	160
11820091	11820090	0.29	626 3-	336 ACSR 18/1	4525	4512	4409	195	2854	120	23	0.03	0.21	36
11820086	11820091	0.40	9 1-	2 ACSR 6/1	0	0	4015	194	60	7	4	0.02	0.30	1
11820134	11820086	0.49	9 1-	2 ACSR 6/1	0	0	3715	194	60	7	4	0.02	0.31	0
11820133	11820134	0.57	7 1-	2 ACSR 6/1	0	0	3491	193	46	5	3	0.01	0.33	0
10890080	11820133	0.61	6 1-	2 ACSR 6/1	0	0	3365	193	34	4	2	0.01	0.33	0
10890082	10890080	0.72	3 1-	2 ACSR 6/1	0	0	3090	192	16	2	1	0.01	0.34	0
10890083	10890082	0.78	2 1-	2 ACSR 6/1	0	0	2960	191	8	1	1	0.00	0.34	0
10890090	10890083	0.89	1 1-	2 ACSR 6/1	0	0	2745	190	8	1	1	0.00	0.34	0
10890084	10890082	0.79	1 1-	2 ACSR 6/1	0	0	2938	191	8	1	1	0.00	0.34	0
10890081	10890080	0.68	1 1-	2 ACSR 6/1	0	0	3190	192	7	0	0	0.00	0.33	0
10890086	10890080	0.65	2 1-	2 ACSR 6/1	0	0	3261	192	11	1	1	0.00	0.33	0
10890087	10890086	0.71	1 1-	2 ACSR 6/1	0	0	3121	192	5	0	0	0.00	0.33	0
10890074	11820133	0.63	1 1-	2 ACSR 6/1	0	0	3324	193	12	1	1	0.00	0.33	0
11820092	11820091	0.35	1 1-	2 ACSR 6/1	0	0	4208	195	3	0	0	0.00	0.27	0
11820083	11820091	0.54	616 3-	336 ACSR 18/1	4126	4052	3822	195	2791	117	22	0.21	0.38	313

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11820085	11820083	0.57	616 3-	336 ACSR 18/1	4084	4005	3765	195	2788	117	22	0.02	0.40	36
11820122	11820085	0.60	616 3-	336 ACSR 18/1	4039	3954	3702	195	2788	117	22	0.03	0.42	40
11820124	11820122	0.65	616 3-	336 ACSR 18/1	3979	3886	3620	195	2787	117	22	0.04	0.45	54
11820093	11820124	0.71	616 3-	336 ACSR 18/1	3896	3795	3510	194	2787	117	22	0.05	0.49	77
11820101	11820093	0.82	616 3-	336 ACSR 18/1	3757	3642	3330	194	2786	117	22	0.09	0.56	137
11820108	11820101	0.85	616 3-	336 ACSR 18/1	3712	3593	3273	194	2785	117	22	0.03	0.59	47
11820109	11820108	0.90	616 3-	336 ACSR 18/1	3656	3531	3202	194	2784	117	22	0.04	0.62	60
D11-82-P005	11820109	0.90	29 1-	FUS	0	0	3202	194	127	16	366	0.00	0.79	0
11820112	D11-82-P005	0.94	29 1-	2 ACSR 6/1	0	0	3129	194	127	16	9	0.02	0.81	2
11820113	11820112	0.97	28 1-	2 ACSR 6/1	0	0	3054	193	123	15	9	0.02	0.82	1
11820115	11820113	0.99	17 1-	2 ACSR 6/1	0	0	3015	193	85	10	6	0.01	0.83	0
11820118	11820115	1.03	16 1-	2 ACSR 6/1	0	0	2933	193	79	10	6	0.01	0.84	0
11820119	11820118	1.10	15 1-	2 ACSR 6/1	0	0	2809	192	73	9	5	0.02	0.85	0
11820120	11820119	1.13	14 1-	2 ACSR 6/1	0	0	2741	192	64	8	5	0.01	0.86	0
11820136	11820120	1.29	2 1-	2 ACSR 6/1	0	0	2487	191	8	1	1	0.00	0.86	0
11820068	11820120	1.23	3 1-	2 ACSR 6/1	0	0	2577	191	6	0	0	0.00	0.86	0
11820069	11820068	1.34	1 1-	2 ACSR 6/1	0	0	2416	190	2	0	0	0.00	0.86	0
11820121	11820120	1.54	8 1-	2 ACSR 6/1	0	0	2153	189	43	5	3	0.06	0.93	2
11720113	11820121	1.60	3 1-	2 ACSR 6/1	0	0	2089	188	21	2	1	0.00	0.93	0
10790041	11720113	1.64	1 1-	1/0 ACSR 6/1	0	0	2049	188	11	1	1	0.00	0.93	0
11720057	11820121	1.59	1 1-	2 ACSR 6/1	0	0	2093	188	3	0	0	0.00	0.93	0
11720050	11820121	1.59	4 1-	2 ACSR 6/1	0	0	2092	188	18	2	1	0.00	0.93	0
10790034	11720050	1.64	2 1-	2 ACSR 6/1	0	0	2047	188	13	1	1	0.00	0.93	0
10790040	10790034	1.70	1 1-	1/0 ACSR 6/1	0	0	1994	188	7	0	0	0.00	0.93	0
10790039	10790034	1.79	1 1-	2 ACSR 6/1	0	0	1898	187	6	0	0	0.00	0.93	0
10790037	11720050	1.66	2 1-	2 ACSR 6/1	0	0	2022	188	6	0	0	0.00	0.93	0
11820114	11820113	1.00	9 1-	2 ACSR 6/1	0	0	3003	193	34	4	2	0.00	0.82	0
11820131	11820114	1.08	5 1-	2 ACSR 6/1	0	0	2837	192	19	2	1	0.01	0.83	0
11820132	11820131	1.12	4 1-	2 ACSR 6/1	0	0	2770	192	14	1	1	0.00	0.83	0
11820135	11820132	1.20	3 1-	2 ACSR 6/1	0	0	2636	192	10	1	1	0.00	0.83	0
11820116	11820114	1.04	4 1-	2 ACSR 6/1	0	0	2918	193	15	1	1	0.00	0.83	0
11820117	11820116	1.10	1 1-	2 ACSR 6/1	0	0	2799	192	3	0	0	0.00	0.83	0
11820048	11820109	0.96	587 3-	336 ACSR 18/1	3588	3457	3118	194	2657	112	21	0.04	0.66	68
11820070	11820048	1.02	9 1-	2 ACSR 6/1	0	0	2988	193	43	5	3	0.01	0.84	0
11820071	11820070	1.05	5 1-	2 ACSR 6/1	0	0	2932	193	25	3	2	0.00	0.84	0
11820067	11820071	1.10	2 1-	2 ACSR 6/1	0	0	2851	193	16	1	1	0.00	0.84	0
11820066	11820071	1.09	1 1-	2 ACSR 6/1	0	0	2863	193	4	0	0	0.00	0.84	0
11820065	11820071	1.08	1 1-	2 ACSR 6/1	0	0	2884	193	4	0	0	0.00	0.84	0
11820064	11820048	1.00	1 1-	2 ACSR 6/1	0	0	3027	193	8	0	1	0.00	0.83	0
11820060	11820048	1.01	577 3-	336 ACSR 18/1	3530	3395	3046	194	2605	110	21	0.03	0.69	58
11820055	11820060	1.06	577 3-	336 ACSR 18/1	3481	3342	2988	194	2604	110	21	0.03	0.72	50
11820059	11820055	1.09	577 3-	336 ACSR 18/1	3447	3306	2948	194	2604	110	21	0.02	0.74	35
11820075	11820059	1.23	577 3-	336 ACSR 18/1	3303	3154	2779	193	2604	110	21	0.09	0.83	157
11720068	11820075	1.33	575 3-	336 ACSR 18/1	3211	3057	2674	193	2596	110	21	0.06	0.90	108
11720071	11720068	1.39	3 1-	2 ACSR 6/1	0	0	2587	192	18	2	1	0.00	1.08	0
11720072	11720071	1.43	2 1-	2 ACSR 6/1	0	0	2531	192	15	1	1	0.00	1.08	0
11720084	11720068	1.40	572 3-	336 ACSR 18/1	3154	2997	2610	193	2577	109	21	0.04	0.94	69
11720062	11720084	1.45	572 3-	336 ACSR 18/1	3111	2952	2563	193	2577	109	21	0.03	0.97	53
11720063	11720062	1.53	572 3-	336 ACSR 18/1	3040	2879	2485	193	2576	109	21	0.05	1.02	91
11720066	11720063	1.58	570 3-	336 ACSR 18/1	2999	2836	2441	192	2570	109	21	0.03	1.05	55
11720093	11720066	1.62	570 3-	336 ACSR 18/1	2968	2805	2408	192	2570	109	21	0.02	1.08	41
11720099	11720093	1.67	2 1-	2 ACSR 6/1	0	0	2353	192	10	1	1	0.00	0.98	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11720100	11720099	1.78	2 1-	2 ACSR 6/1	0	0	2213	191	10	1	1	0.00	0.98	0
11720101	11720100	1.83	1 1-	2 ACSR 6/1	0	0	2155	191	4	0	0	0.00	0.98	0
11720094	11720093	1.83	568 3-	336 ACSR 18/1	2814	2648	2246	192	2559	108	20	0.13	1.21	221
11720098	11720094	1.95	1 1-	15 KV 2 URD XLP	0	0	2129	478	13	1	1	0.00	1.39	0
11720095	11720094	1.93	567 3-	336 ACSR 18/1	2748	2580	2179	192	2544	108	20	0.06	1.27	102
11720096	11720095	2.06	567 3-	336 ACSR 18/1	2661	2493	2091	191	2543	108	20	0.08	1.35	141
D11-72-P002	11720096	2.06	72 3-	REC-70-L	2661	2493	2091	191	358	15	22	0.00	1.35	0
11720116	D11-72-P002	2.43	72 3-	2 ACSR 6/1	2295	2113	1765	188	358	15	8	0.10	1.49	44
11720117	11720116	2.55	72 3-	2 ACSR 6/1	2192	2008	1677	187	358	15	8	0.03	1.53	14
11730013	11720117	2.66	71 3-	2 ACSR 6/1	2109	1925	1609	187	352	14	8	0.03	1.56	12
11730016	11730013	2.76	68 3-	2 ACSR 6/1	2029	1846	1543	186	331	14	8	0.03	1.60	12
11730017	11730016	2.86	67 3-	2 ACSR 6/1	1957	1775	1485	185	320	13	8	0.02	1.63	11
11730018	11730017	3.06	65 3-	2 ACSR 6/1	1826	1647	1381	183	309	13	7	0.05	1.69	22
D11-73-P009	11730018	3.06	65 3-	FUS	1826	1647	1381	183	309	13	300	0.00	1.69	0
11730010	D11-73-P009	3.11	65 3-	2 ACSR 6/1	1793	1616	1355	183	309	13	7	0.01	1.71	6
11730011	11730010	4.21	65 3-	2 ACSR 6/1	1293	1142	971	175	309	13	7	0.26	2.05	121
11830005	11730011	4.49	64 3-	2 ACSR 6/1	1203	1060	904	173	303	12	7	0.07	2.14	31
11840091	11830005	4.54	1 1-	2 ACSR 6/1	0	0	892	173	5	0	0	0.00	1.55	0
11840037	11830005	4.54	63 3-	2 ACSR 6/1	1188	1046	893	173	297	12	7	0.01	2.15	6
D11-84-P004	11840037	4.54	61 3-	REC-50-H	1188	1046	893	173	292	12	25	0.00	2.15	0
11840098	D11-84-P004	4.63	61 3-	2 ACSR 6/1	1163	1023	874	172	292	12	7	0.02	2.18	10
11840072	11840098	4.70	59 3-	2 ACSR 6/1	1144	1006	860	171	281	12	7	0.02	2.20	8
11840070	11840072	4.73	1 1-	2 ACSR 6/1	0	0	854	171	2	0	0	0.00	2.17	0
11840069	11840072	4.76	1 1-	2 ACSR 6/1	0	0	847	171	0	0	0	0.00	2.17	0
11840073	11840072	4.79	33 1-	2 ACSR 6/1	0	0	842	171	167	21	12	0.06	2.93	8
11840092	11840073	4.88	2 1-	2 ACSR 6/1	0	0	824	170	12	1	1	0.00	2.94	0
11840033	11840073	4.85	31 1-	2 ACSR 6/1	0	0	829	170	155	19	11	0.04	2.97	5
11840094	11840033	4.90	30 1-	2 ACSR 6/1	0	0	813	170	147	19	11	0.05	3.02	5
11840064	11840094	5.00	29 1-	2 ACSR 6/1	0	0	802	169	140	18	10	0.03	3.05	3
11830006	11840064	5.07	28 1-	2 ACSR 6/1	0	0	790	169	139	17	10	0.03	3.08	4
11-83-P003-B	11830006	5.07	28 1-	Closed	0	0	790	169	139	17	0	0.00	3.08	0
11-83-P003-A	11-83-P003-B	5.07	28 1-	Closed	0	0	790	169	139	17	0	0.00	3.08	0
11830004	11-83-P003-A	5.17	28 1-	2 ACSR 6/1	0	0	774	168	139	17	10	0.05	3.13	6
11930021	11830004	5.23	1 1-	2 ACSR 6/1	0	0	764	168	6	0	0	0.00	3.13	0
11930015	11830004	5.37	26 1-	2 ACSR 6/1	0	0	742	167	130	16	9	0.09	3.23	10
11930016	11930015	5.48	25 1-	2 ACSR 6/1	0	0	726	166	128	16	9	0.05	3.28	5
11930008	11930016	5.55	24 1-	2 ACSR 6/1	0	0	716	166	120	15	9	0.03	3.31	3
11930022	11930008	5.64	17 1-	2 ACSR 6/1	0	0	703	165	80	10	6	0.03	3.34	2
17030002	11930022	5.77	17 1-	2 ACSR 6/1	0	0	686	164	80	10	6	0.04	3.37	2
17040012	17030002	5.88	17 1-	2 ACSR 6/1	0	0	672	164	80	10	6	0.03	3.40	2
17040020	17040012	6.01	10 1-	2 ACSR 6/1	0	0	656	163	59	7	4	0.03	3.43	1
17040019	17040020	6.17	5 1-	2 ACSR 6/1	0	0	638	162	29	3	2	0.01	3.45	0
17030003	17040019	6.23	4 1-	2 ACSR 6/1	0	0	631	161	20	2	1	0.00	3.45	0
17030004	17030003	6.40	2 1-	2 ACSR 6/1	0	0	612	160	15	1	1	0.00	3.46	0
17040021	17040020	6.17	3 1-	2 ACSR 6/1	0	0	638	162	15	1	1	0.01	3.44	0
17140003	17040021	6.21	1 1-	2 ACSR 6/1	0	0	633	162	4	0	0	0.00	3.44	0
17140002	17040021	6.27	2 1-	2 ACSR 6/1	0	0	627	161	11	1	1	0.00	3.44	0
17140005	17140002	6.35	1 1-	2 ACSR 6/1	0	0	618	161	5	0	0	0.00	3.45	0
17140006	17140005	6.43	0 1-	2 ACSR 6/1	0	0	609	160	0	0	0	0.00	3.45	0
17140004	17140002	6.33	1 1-	2 ACSR 6/1	0	0	620	161	5	0	0	0.00	3.45	0
17040022	17040020	6.07	1 1-	2 ACSR 6/1	0	0	649	162	12	1	1	0.00	3.43	0
17040013	17040012	6.06	7 1-	2 ACSR 6/1	0	0	650	162	21	2	2	0.01	3.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
17040017	17040013	6.17	6 1-	2 ACSR 6/1	0	0	638	162	18	2	1	0.01	3.43	0
D17-04-P029	17040017	6.17	5 1-	FUS	0	0	638	162	17	2	50	0.00	3.43	0
17040015	D17-04-P029	6.29	5 1-	2 ACSR 6/1	0	0	625	161	17	2	1	0.01	3.43	0
17040018	17040015	6.32	1 1-	2 ACSR 6/1	0	0	621	161	7	0	1	0.00	3.43	0
17040014	17040015	6.38	4 1-	2 ACSR 6/1	0	0	614	160	9	1	1	0.00	3.44	0
17040026	17040014	6.66	1 1-	2 ACSR 6/1	0	0	587	159	0	0	0	0.00	3.44	0
17040027	17040026	6.95	1 1-	2 ACSR 6/1	0	0	560	157	0	0	0	0.00	3.44	0
17040028	17040027	7.52	1 1-	2 ACSR 6/1	0	0	514	154	0	0	0	0.00	3.44	0
17050003	17040028	7.78	1 1-	2 ACSR 6/1	0	0	496	152	0	0	0	0.00	3.44	0
17040010	17040014	6.46	3 1-	2 ACSR 6/1	0	0	607	160	9	1	1	0.00	3.44	0
11940006	17040010	6.51	2 1-	15 KV 2 URD XLP	0	0	601	312	9	1	1	0.00	3.44	0
11940005	17040010	6.58	1 1-	15 KV 2 URD XLP	0	0	594	310	1	0	0	0.00	3.44	0
17040016	17040013	6.11	1 1-	2 ACSR 6/1	0	0	644	162	3	0	0	0.00	3.42	0
17040011	17030002	5.85	0 1-	2 ACSR 6/1	0	0	675	164	0	0	0	0.00	3.37	0
11930018	11930008	5.58	7 1-	2 ACSR 6/1	0	0	712	166	40	5	3	0.00	3.31	0
11930019	11930018	5.63	6 1-	2 ACSR 6/1	0	0	704	165	35	4	3	0.01	3.32	0
11930023	11930019	5.84	3 1-	2 ACSR 6/1	0	0	676	164	21	2	1	0.01	3.33	0
11930017	11930016	5.51	1 1-	2 ACSR 6/1	0	0	722	166	8	1	1	0.00	3.28	0
11930020	11830004	5.23	1 1-	2 ACSR 6/1	0	0	763	168	2	0	0	0.00	3.13	0
11840093	11840033	4.91	1 1-	2 ACSR 6/1	0	0	818	170	8	0	1	0.00	2.97	0
11840071	11840072	4.75	23 1-	2 ACSR 6/1	0	0	849	171	112	14	8	0.02	2.19	2
11840082	11840071	4.81	22 1-	2 ACSR 6/1	0	0	837	171	102	13	7	0.02	2.21	2
D11-84-P013	11840082	4.81	3 1-	FUS	0	0	837	171	21	2	61	0.00	2.21	0
11840097	D11-84-P013	4.84	3 1-	2 ACSR 6/1	0	0	832	171	21	2	1	0.00	2.21	0
11840083	11840097	4.88	2 1-	2 ACSR 6/1	0	0	825	170	13	1	1	0.00	2.21	0
11840084	11840082	4.92	17 1-	2 ACSR 6/1	0	0	816	170	74	9	5	0.03	2.24	2
11840086	11840084	5.01	6 1-	2 ACSR 6/1	0	0	801	169	25	3	2	0.01	2.25	0
11840087	11840086	5.10	5 1-	2 ACSR 6/1	0	0	785	169	19	2	1	0.01	2.25	0
11840090	11840087	5.16	2 1-	2 ACSR 6/1	0	0	775	168	12	1	1	0.00	2.26	0
11840088	11840087	5.28	3 1-	2 ACSR 6/1	0	0	755	167	8	0	1	0.00	2.26	0
11840089	11840088	5.33	1 1-	2 ACSR 6/1	0	0	749	167	3	0	0	0.00	2.26	0
11840085	11840084	5.02	10 1-	2 ACSR 6/1	0	0	798	169	43	5	3	0.02	2.26	0
11840034	11840085	5.06	3 1-	2 ACSR 6/1	0	0	792	169	15	1	1	0.00	2.26	0
11840078	11840034	5.10	2 1-	2 ACSR 6/1	0	0	785	169	9	1	1	0.00	2.26	0
11840077	11840034	5.09	1 1-	2 ACSR 6/1	0	0	788	169	6	0	0	0.00	2.26	0
11840035	11840085	5.12	7 1-	2 ACSR 6/1	0	0	781	169	28	3	2	0.01	2.27	0
11840065	11840035	5.18	2 1-	2 ACSR 6/1	0	0	772	168	4	0	0	0.00	2.27	0
11840036	11840035	5.22	5 1-	2 ACSR 6/1	0	0	765	168	24	3	2	0.01	2.28	0
11840067	11840036	5.33	4 1-	2 ACSR 6/1	0	0	747	167	16	2	1	0.01	2.28	0
11840074	11840067	5.50	2 1-	2 ACSR 6/1	0	0	722	166	11	1	1	0.01	2.29	0
11840076	11840074	5.62	1 1-	2 ACSR 6/1	0	0	706	165	4	0	0	0.00	2.29	0
11840075	11840074	5.60	1 1-	2 ACSR 6/1	0	0	708	165	7	0	0	0.00	2.29	0
11840068	11840067	5.40	1 1-	2 ACSR 6/1	0	0	737	167	2	0	0	0.00	2.28	0
11840066	11840036	5.27	1 1-	2 ACSR 6/1	0	0	758	168	8	1	1	0.00	2.28	0
11840079	11840037	4.60	2 1-	2 ACSR 6/1	0	0	880	172	5	0	0	0.00	1.55	0
11840080	11840079	4.65	2 1-	2 ACSR 6/1	0	0	868	172	5	0	0	0.00	1.55	0
11840081	11840080	4.69	1 1-	2 ACSR 6/1	0	0	861	172	2	0	0	0.00	1.55	0
11730015	11730013	2.72	1 1-	2 ACSR 6/1	0	0	1568	186	8	1	1	0.00	1.45	0
11730014	11730013	2.70	1 1-	2 ACSR 6/1	0	0	1582	186	5	0	0	0.00	1.45	0
11730012	11720117	2.62	1 1-	2 ACSR 6/1	0	0	1631	187	5	0	0	0.00	1.43	0
11720049	11720096	2.10	495 3-	336 ACSR 18/1	2636	2467	2066	191	2184	92	18	0.02	1.37	32
11-72-P001A-B	11720049	2.10	495 3-	closed	2636	2467	2066	191	2183	92	0	0.00	1.37	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
11-72-P001A-A	11-72-P001A-B	2.10	495 3-	Closed	2636	2467	2066	191	2183	92	0	0.00	1.37	0
11720079	11-72-P001A-A	2.22	495 3-	336 ACSR 18/1	2565	2397	1996	191	2183	92	18	0.07	1.43	93
11620054	11720079	2.28	495 3-	336 ACSR 18/1	2527	2359	1959	191	2183	92	18	0.04	1.47	52
11620056	11620054	2.34	132 3-	336 ACSR 18/1	2494	2326	1928	191	649	27	5	0.02	1.48	6
11620105	11620056	2.41	130 3-	336 ACSR 18/1	2460	2292	1894	190	641	27	5	0.02	1.49	7
11-62-P031-B	11620105	2.41	130 3-	Closed	2460	2292	1894	190	641	27	0	0.00	1.49	0
11-62-P031-A	11-62-P031-B	2.41	130 3-	Closed	2460	2292	1894	190	641	27	0	0.00	1.49	0
11620057	11-62-P031-A	2.43	130 3-	336 ACSR 18/1	2449	2281	1884	190	641	27	5	0.01	1.49	2
11620087	11620057	2.49	128 3-	336 ACSR 18/1	2413	2245	1850	190	627	26	5	0.02	1.50	7
11620086	11620087	2.56	1 1-	2 ACSR 6/1	0	0	1798	190	7	0	1	0.00	1.73	0
11620059	11620087	2.54	126 3-	336 ACSR 18/1	2389	2222	1827	190	614	26	5	0.01	1.51	5
11620060	11620059	2.60	1 1-	15 KV 2 URD XLP	0	0	1788	469	14	1	1	0.00	1.24	0
11620084	11620059	2.58	125 3-	336 ACSR 18/1	2371	2204	1809	190	599	25	5	0.01	1.51	4
11620085	11620084	2.64	121 3-	336 ACSR 18/1	2341	2174	1782	190	588	25	5	0.02	1.52	6
11620061	11620085	2.75	118 3-	336 ACSR 18/1	2288	2123	1733	190	571	24	5	0.03	1.54	10
11620082	11620061	2.81	3 1-	2 ACSR 6/1	0	0	1687	189	15	1	1	0.00	1.80	0
11620083	11620082	2.88	1 1-	2 ACSR 6/1	0	0	1644	189	7	0	1	0.00	1.80	0
11620019	11620061	2.82	115 3-	336 ACSR 18/1	2253	2088	1700	190	556	23	4	0.02	1.55	7
11620078	11620019	2.89	109 3-	336 ACSR 18/1	2223	2059	1673	189	517	21	4	0.01	1.55	5
11620079	11620078	2.94	107 3-	336 ACSR 18/1	2201	2037	1652	189	503	21	4	0.01	1.56	4
11620064	11620079	3.00	105 3-	336 ACSR 18/1	2176	2013	1630	189	493	21	4	0.01	1.57	4
11620067	11620064	3.03	1 1-	2 ACSR 6/1	0	0	1608	189	5	0	0	0.00	1.86	0
11620065	11620064	3.19	103 3-	336 ACSR 18/1	2100	1939	1562	189	488	20	4	0.04	1.59	14
10690054	11620065	3.26	2 1-	2 ACSR 6/1	0	0	1520	188	9	1	1	0.00	1.14	0
11620077	10690054	3.32	1 1-	2 ACSR 6/1	0	0	1490	188	1	0	0	0.00	1.14	0
10690016	11620065	3.24	101 3-	336 ACSR 18/1	2080	1919	1544	189	479	20	4	0.01	1.60	4
10690031	10690016	3.38	96 3-	336 ACSR 18/1	2026	1867	1496	188	464	19	4	0.03	1.61	11
10690032	10690031	3.44	92 3-	336 ACSR 18/1	2004	1846	1477	188	441	18	4	0.01	1.62	4
10690028	10690032	3.49	88 3-	336 ACSR 18/1	1986	1828	1461	188	418	17	3	0.01	1.62	4
10690030	10690028	3.54	84 3-	336 ACSR 18/1	1970	1813	1447	188	397	16	3	0.01	1.63	3
10690022	10690030	3.57	1 1-	2 ACSR 6/1	0	0	1431	188	9	1	1	0.00	1.07	0
10690023	10690030	3.59	82 3-	336 ACSR 18/1	1953	1796	1432	188	381	16	3	0.01	1.63	4
10690026	10690023	3.83	81 3-	336 ACSR 18/1	1873	1720	1364	187	380	16	3	0.03	1.65	17
10690047	10690026	3.90	75 3-	336 ACSR 18/1	1852	1700	1346	187	353	15	3	0.01	1.66	5
10690045	10690047	3.94	5 1-	2 ACSR 6/1	0	0	1328	187	21	2	1	0.00	0.99	0
10690049	10690045	3.99	3 1-	2 ACSR 6/1	0	0	1306	186	7	0	1	0.00	0.99	0
10690048	10690049	4.04	1 1-	2 ACSR 6/1	0	0	1287	186	4	0	0	0.00	0.99	0
10690050	10690047	3.97	65 3-	336 ACSR 18/1	1830	1678	1326	187	316	13	3	0.01	1.66	5
10690061	10690050	4.05	60 3-	336 ACSR 18/1	1806	1655	1306	187	302	12	2	0.01	1.67	5
10690062	10690061	4.09	58 3-	336 ACSR 18/1	1794	1644	1296	186	300	12	2	0.01	1.67	2
10690041	10690062	4.13	56 3-	336 ACSR 18/1	1784	1634	1288	186	286	12	2	0.00	1.67	2
10690043	10690041	4.19	51 3-	336 ACSR 18/1	1767	1618	1274	186	264	11	2	0.01	1.68	3
10690044	10690043	4.23	49 3-	336 ACSR 18/1	1754	1606	1263	186	252	10	2	0.01	1.68	2
10690040	10690044	4.28	47 3-	336 ACSR 18/1	1742	1595	1253	186	245	10	2	0.01	1.68	2
10690038	10690040	4.31	45 3-	336 ACSR 18/1	1733	1586	1245	186	240	10	2	0.00	1.69	1
10690039	10690038	4.36	44 3-	336 ACSR 18/1	1719	1573	1234	186	230	9	2	0.01	1.69	2
10690051	10690039	4.45	42 3-	336 ACSR 18/1	1695	1550	1214	186	226	9	2	0.01	1.69	3
D10-68-P034	10690051	4.45	40 1-	REC-50-H	0	0	1214	186	216	27	55	0.00	2.14	0
10680103	D10-68-P034	4.59	40 1-	2 ACSR 6/1	0	0	1168	185	216	27	15	0.10	2.24	16
10680104	10680103	4.62	36 1-	2 ACSR 6/1	0	0	1156	184	187	24	13	0.03	2.26	4
10680111	10680104	4.70	33 1-	2 ACSR 6/1	0	0	1133	184	175	22	12	0.05	2.31	6
10690019	10680111	4.74	10 1-	2 ACSR 6/1	0	0	1119	183	55	7	4	0.01	2.31	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10680120	10690019	4.80	3 1-	2 ACSR 6/1	0	0	1103	183	17	2	1	0.00	2.32	0
10680125	10690019	4.78	5 1-	2 ACSR 6/1	0	0	1107	183	28	3	2	0.00	2.32	0
10680099	10680125	4.82	4 1-	2 ACSR 6/1	0	0	1095	183	21	2	2	0.00	2.32	0
10680100	10680099	4.88	4 1-	2 ACSR 6/1	0	0	1078	182	21	2	2	0.00	2.32	0
10680101	10680100	4.91	2 1-	2 ACSR 6/1	0	0	1069	182	7	0	1	0.00	2.32	0
10680102	10680101	4.95	1 1-	2 ACSR 6/1	0	0	1058	182	0	0	0	0.00	2.32	0
10690018	10680111	4.89	22 1-	2 ACSR 6/1	0	0	1075	182	108	13	8	0.07	2.38	6
10790029	10690018	4.93	21 1-	2 ACSR 6/1	0	0	1065	182	101	13	7	0.01	2.39	0
10790030	10790029	4.98	20 1-	2 ACSR 6/1	0	0	1050	181	95	12	7	0.02	2.41	1
10790032	10790030	5.04	11 1-	2 ACSR 6/1	0	0	1035	181	35	4	3	0.01	2.42	0
10790033	10790032	5.16	5 1-	2 ACSR 6/1	0	0	1002	180	13	1	1	0.01	2.42	0
10790023	10790033	5.21	1 1-	2 ACSR 6/1	0	0	992	180	4	0	0	0.00	2.42	0
10790024	10790033	5.20	4 1-	2 ACSR 6/1	0	0	993	180	9	1	1	0.00	2.42	0
10790025	10790024	5.29	3 1-	2 ACSR 6/1	0	0	972	179	9	1	1	0.00	2.43	0
10790027	10790025	5.44	3 1-	2 ACSR 6/1	0	0	936	178	9	1	1	0.00	2.43	0
10790028	10790027	5.71	2 1-	2 ACSR 6/1	0	0	879	176	2	0	0	0.00	2.43	0
10790016	10790028	5.77	1 1-	2 ACSR 6/1	0	0	867	175	2	0	0	0.00	2.43	0
10790026	10790028	5.77	1 1-	2 ACSR 6/1	0	0	867	175	0	0	0	0.00	2.43	0
10790015	10790025	5.37	0 1-	2 ACSR 6/1	0	0	953	178	0	0	0	0.00	2.43	0
10790017	10790030	5.03	9 1-	2 ACSR 6/1	0	0	1037	181	60	7	4	0.01	2.42	0
10790031	10790017	5.08	7 1-	2 ACSR 6/1	0	0	1023	181	53	6	4	0.01	2.43	0
10790036	10790031	5.14	6 1-	2 ACSR 6/1	0	0	1008	180	47	5	3	0.01	2.44	0
10780118	10790036	5.18	5 1-	2 ACSR 6/1	0	0	998	180	40	5	3	0.01	2.45	0
10780120	10780118	5.27	2 1-	2 ACSR 6/1	0	0	977	179	20	2	1	0.00	2.45	0
10780121	10780120	5.31	1 1-	2 ACSR 6/1	0	0	965	179	8	1	1	0.00	2.45	0
10780111	10780118	5.20	3 1-	2 ACSR 6/1	0	0	993	180	20	2	1	0.00	2.45	0
10780119	10780111	5.28	2 1-	2 ACSR 6/1	0	0	973	179	8	1	1	0.00	2.45	0
10780129	10780119	5.33	1 1-	2 ACSR 6/1	0	0	961	179	6	0	0	0.00	2.45	0
10780128	10780129	5.34	0 1-	2 ACSR 6/1	0	0	960	179	0	0	0	0.00	2.45	0
10-78-P248-B	10780128	5.34	0 1-	Open	0	0	960	179	0	0	0	0.00	2.45	0
10790035	10790017	5.09	2 1-	2 ACSR 6/1	0	0	1021	181	7	0	0	0.00	2.42	0
10690052	10680111	4.81	1 1-	2 ACSR 6/1	0	0	1098	183	12	1	1	0.00	2.31	0
10680147	10690051	4.51	0 3-	336 ACSR 18/1	1681	1536	1202	185	0	0	0	0.00	1.69	0
10-68-P033-B	10680147	4.51	0 3-	Open	1681	1536	1202	185	0	0	0	0.00	1.69	0
10680145	10690051	4.51	2 1-	2 ACSR 6/1	0	0	1195	185	10	1	1	0.00	2.07	0
10680144	10680145	4.59	1 1-	2 ACSR 6/1	0	0	1168	185	7	0	0	0.00	2.07	0
10690042	10690041	4.17	1 1-	2 ACSR 6/1	0	0	1270	186	10	1	1	0.00	2.06	0
10690035	10690050	4.01	5 1-	2 ACSR 6/1	0	0	1309	186	14	1	1	0.00	2.01	0
10690036	10690035	4.07	3 1-	2 ACSR 6/1	0	0	1287	186	10	1	1	0.00	2.01	0
10690037	10690036	4.15	3 1-	2 ACSR 6/1	0	0	1255	185	10	1	1	0.00	2.02	0
10690046	10690026	3.89	2 1-	2 ACSR 6/1	0	0	1337	187	12	1	1	0.00	1.01	0
10690029	10690028	3.55	3 1-	2 ACSR 6/1	0	0	1433	187	15	1	1	0.00	1.95	0
10690027	10690029	3.59	1 1-	2 ACSR 6/1	0	0	1414	187	4	0	0	0.00	1.95	0
10690021	10690032	3.54	4 1-	2 ACSR 6/1	0	0	1426	187	23	2	2	0.01	1.94	0
10690066	10690021	3.58	2 1-	2 ACSR 6/1	0	0	1410	187	12	1	1	0.00	1.95	0
10690020	10690016	3.29	5 1-	2 ACSR 6/1	0	0	1515	188	15	1	1	0.00	1.90	0
10690033	10690020	3.34	2 1-	2 ACSR 6/1	0	0	1486	188	5	0	0	0.00	1.91	0
10690034	10690033	3.39	0 1-	2 ACSR 6/1	0	0	1464	187	0	0	0	0.00	1.91	0
10690065	10690033	3.50	1 1-	2 ACSR 6/1	0	0	1406	186	2	0	0	0.00	1.91	0
11620062	11620019	2.91	6 1-	2 ACSR 6/1	0	0	1642	189	39	4	3	0.01	1.83	0
11620063	11620062	3.11	5 1-	2 ACSR 6/1	0	0	1523	187	36	4	3	0.02	1.85	0
11620081	11620063	3.18	1 1-	2 ACSR 6/1	0	0	1487	187	7	0	1	0.00	1.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11620080	11620063	3.15	3 1-	2 ACSR 6/1	0	0	1502	187	22	2	2	0.00	1.86	0
11620069	11620054	2.34	363 3-	336 ACSR 18/1	2494	2326	1927	191	1533	65	12	0.02	1.49	23
11620072	11620069	2.38	363 3-	336 ACSR 18/1	2472	2304	1906	191	1533	65	12	0.01	1.51	15
11620073	11620072	2.52	363 3-	336 ACSR 18/1	2402	2235	1839	190	1532	65	12	0.04	1.56	51
11620020	11620073	2.54	1 1-	2 ACSR 6/1	0	0	1818	190	1	0	0	0.00	1.53	0
11620076	11620020	2.57	0 1-	2 ACSR 6/1	0	0	1796	190	0	0	0	0.00	1.53	0
11620075	11620020	2.58	1 1-	2 ACSR 6/1	0	0	1792	190	1	0	0	0.00	1.53	0
11620021	11620073	2.73	362 3-	4/0 ACSR 6/1	2273	2108	1720	189	1531	65	19	0.10	1.67	132
11620098	11620021	3.07	361 3-	4/0 ACSR 6/1	2091	1932	1558	188	1520	64	19	0.16	1.86	207
11620099	11620098	3.24	360 3-	4/0 ACSR 6/1	2010	1853	1487	188	1515	64	19	0.08	1.96	105
11620102	11620099	3.34	360 3-	4/0 ACSR 6/1	1966	1811	1449	187	1514	64	19	0.05	2.01	59
11520048	11620102	3.41	3 1-	2 ACSR 6/1	0	0	1414	187	17	2	1	0.00	2.13	0
11520046	11520048	3.46	1 1-	2 ACSR 6/1	0	0	1388	186	9	1	1	0.00	2.13	0
11520047	11620102	3.45	356 3-	4/0 ACSR 6/1	1918	1765	1408	187	1489	63	19	0.05	2.07	67
11520037	11520047	3.50	1 1-	2 ACSR 6/1	0	0	1383	187	1	0	0	0.00	2.18	0
11520036	11520047	3.51	355 3-	4/0 ACSR 6/1	1896	1743	1388	187	1487	63	19	0.02	2.10	33
11-52-P095-B	11520036	3.51	355 3-	Closed	1896	1743	1388	187	1487	63	0	0.00	2.10	0
11-52-P095-A	11-52-P095-B	3.51	355 3-	Closed	1896	1743	1388	187	1487	63	0	0.00	2.10	0
11520049	11-52-P095-A	3.56	355 3-	4/0 ACSR 6/1	1873	1721	1370	187	1487	63	19	0.02	2.13	33
11520096	11520049	3.61	333 3-	4/0 ACSR 6/1	1855	1704	1354	186	1406	60	18	0.02	2.16	24
11520098	11520096	3.68	331 3-	4/0 ACSR 6/1	1829	1679	1332	186	1392	59	18	0.04	2.19	35
11520099	11520098	3.75	326 3-	4/0 ACSR 6/1	1802	1653	1310	186	1371	58	17	0.04	2.23	35
11520100	11520099	3.79	322 3-	4/0 ACSR 6/1	1785	1637	1295	186	1358	58	17	0.02	2.25	23
11520101	11520100	3.83	319 3-	4/0 ACSR 6/1	1773	1626	1286	186	1341	57	17	0.02	2.27	15
11520092	11520101	3.87	318 3-	4/0 ACSR 6/1	1756	1610	1272	185	1335	57	17	0.02	2.29	23
11520065	11520092	3.93	317 3-	4/0 ACSR 6/1	1738	1593	1257	185	1327	56	17	0.02	2.32	25
11520066	11520065	3.98	316 3-	4/0 ACSR 6/1	1719	1574	1241	185	1320	56	17	0.03	2.34	27
11520060	11520066	4.00	314 3-	4/0 ACSR 6/1	1712	1567	1235	185	1310	56	17	0.01	2.35	9
11520061	11520060	4.02	310 3-	4/0 ACSR 6/1	1706	1562	1230	185	1296	55	16	0.01	2.36	8
11520073	11520061	4.06	26 1-	2 ACSR 6/1	0	0	1216	185	116	14	8	0.02	2.20	1
11520072	11520073	4.12	11 1-	2 ACSR 6/1	0	0	1195	184	47	6	3	0.01	2.21	0
10590119	11520072	4.15	5 1-	2 ACSR 6/1	0	0	1183	184	22	2	2	0.00	2.21	0
10590130	10590119	4.24	4 1-	2 ACSR 6/1	0	0	1154	183	18	2	1	0.00	2.21	0
11520074	11520073	4.11	11 1-	2 ACSR 6/1	0	0	1200	184	61	7	4	0.01	2.21	0
11520075	11520074	4.15	9 1-	2 ACSR 6/1	0	0	1184	184	49	6	3	0.01	2.22	0
10590146	11520075	4.22	3 1-	2 ACSR 6/1	0	0	1162	183	16	2	1	0.00	2.22	0
11520086	10590146	4.26	1 1-	2 ACSR 6/1	0	0	1147	183	8	0	1	0.00	2.22	0
10590204	11520075	4.25	5 1-	2 ACSR 6/1	0	0	1152	183	27	3	2	0.01	2.23	0
10590205	10590204	4.33	3 1-	2 ACSR 6/1	0	0	1125	183	21	2	2	0.01	2.23	0
10590131	10590205	4.41	2 1-	2 ACSR 6/1	0	0	1100	182	12	1	1	0.00	2.23	0
10590132	10590131	4.54	1 1-	2 ACSR 6/1	0	0	1063	181	6	0	0	0.00	2.24	0
11520076	11520061	4.09	284 3-	4/0 ACSR 6/1	1682	1539	1211	185	1180	50	15	0.03	2.39	31
11520094	11520076	4.13	274 3-	4/0 ACSR 6/1	1672	1529	1202	185	1145	49	14	0.01	2.41	13
11520087	11520094	4.16	274 3-	4/0 ACSR 6/1	1662	1520	1194	184	1144	49	14	0.01	2.42	12
11520102	11520087	4.19	4 1-	2 ACSR 6/1	0	0	1182	184	12	1	1	0.00	2.55	0
11520095	11520102	4.24	2 1-	2 ACSR 6/1	0	0	1168	184	7	0	1	0.00	2.55	0
11520088	11520087	4.20	266 3-	4/0 ACSR 6/1	1648	1506	1183	184	1121	48	14	0.02	2.44	17
11520089	11520088	4.23	265 3-	4/0 ACSR 6/1	1640	1499	1176	184	1107	47	14	0.01	2.45	10
11520103	11520089	4.28	262 3-	4/0 ACSR 6/1	1624	1484	1163	184	1088	46	14	0.02	2.47	19
11520106	11520103	4.32	261 3-	4/0 ACSR 6/1	1612	1472	1153	184	1084	46	14	0.01	2.49	15
11520108	11520106	4.38	256 3-	4/0 ACSR 6/1	1596	1457	1140	184	1064	45	13	0.02	2.51	20
11520110	11520108	4.40	237 3-	4/0 ACSR 6/1	1590	1451	1136	184	1003	43	13	0.01	2.51	7

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11520034	11520110	4.46	236 3-	4/0 ACSR 6/1	1573	1436	1122	183	997	42	13	0.02	2.53	18
11520068	11520034	4.47	75 3-	4/0 ACSR 6/1	1570	1433	1120	183	241	10	3	0.00	2.54	0
11520069	11520068	4.56	74 3-	4/0 ACSR 6/1	1543	1407	1098	183	239	10	3	0.02	2.54	2
11420129	11520069	4.68	63 3-	4/0 ACSR 6/1	1512	1378	1073	183	214	9	3	0.02	2.55	2
11420120	11420129	4.72	1 1-	2 ACSR 6/1	0	0	1063	182	2	0	0	0.00	2.65	0
11420119	11420129	4.73	60 3-	4/0 ACSR 6/1	1500	1367	1064	182	200	8	3	0.01	2.56	0
11420116	11420119	4.79	58 3-	4/0 ACSR 6/1	1483	1351	1050	182	193	8	2	0.01	2.56	0
11420117	11420116	4.87	51 3-	4/0 ACSR 6/1	1465	1334	1036	182	169	7	2	0.01	2.57	0
11420118	11420117	4.93	47 3-	4/0 ACSR 6/1	1450	1320	1024	182	154	6	2	0.01	2.57	0
11420121	11420118	5.01	41 3-	4/0 ACSR 6/1	1431	1302	1009	181	128	5	2	0.01	2.57	0
10490111	11420121	5.07	1 1-	2 ACSR 6/1	0	0	994	181	1	0	0	0.00	2.79	0
10490109	11420121	5.05	39 3-	4/0 ACSR 6/1	1420	1292	1001	181	123	5	2	0.01	2.57	0
10490110	10490109	5.11	2 1-	2 ACSR 6/1	0	0	988	181	5	0	0	0.00	2.71	0
10490107	10490109	5.09	37 3-	4/0 ACSR 6/1	1413	1285	995	181	118	5	1	0.00	2.58	0
10490116	10490107	5.19	29 3-	4/0 ACSR 6/1	1390	1263	977	181	98	4	1	0.01	2.58	0
10490117	10490116	5.23	26 3-	4/0 ACSR 6/1	1381	1255	970	181	84	3	1	0.00	2.58	0
10490058	10490117	5.34	18 3-	4/0 ACSR 6/1	1358	1233	953	180	62	2	1	0.01	2.58	0
10490059	10490058	5.40	16 3-	4/0 ACSR 6/1	1345	1221	943	180	59	2	1	0.01	2.58	0
10490060	10490059	5.45	1 3-	4/0 ACSR 6/1	1334	1210	934	180	0	0	0	0.00	2.58	0
10490136	10490060	5.47	0 3-	4/0 ACSR 6/1	1330	1207	931	180	0	0	0	0.00	2.58	0
10-49-P262-B	10490136	5.47	0 3-	Open	1330	1207	931	180	0	0	0	0.00	2.58	0
10490082	10490059	5.51	15 1-	2 ACSR 6/1	0	0	918	179	59	7	4	0.02	2.76	1
10590086	10490082	5.54	14 1-	2 ACSR 6/1	0	0	913	179	56	7	4	0.00	2.77	0
10590088	10590086	5.57	11 1-	2 ACSR 6/1	0	0	906	179	49	6	4	0.01	2.78	0
10590093	10590088	5.60	3 1-	2 ACSR 6/1	0	0	899	179	8	0	1	0.00	2.78	0
10590094	10590093	5.64	1 1-	2 ACSR 6/1	0	0	893	178	3	0	0	0.00	2.78	0
10590091	10590088	5.60	6 1-	2 ACSR 6/1	0	0	900	179	38	4	3	0.00	2.78	0
10590092	10590091	5.65	5 1-	2 ACSR 6/1	0	0	890	178	35	4	3	0.01	2.79	0
10590089	10590092	5.68	4 1-	2 ACSR 6/1	0	0	883	178	32	4	2	0.00	2.79	0
10590090	10590089	5.71	3 1-	2 ACSR 6/1	0	0	878	178	16	2	1	0.00	2.79	0
10590087	10590086	5.57	2 1-	2 ACSR 6/1	0	0	906	179	3	0	0	0.00	2.77	0
10490112	10490107	5.16	6 1-	2 ACSR 6/1	0	0	979	181	13	1	1	0.00	2.79	0
10490114	10490112	5.22	2 1-	2 ACSR 6/1	0	0	964	180	1	0	0	0.00	2.79	0
10490115	10490114	5.43	0 1-	2 ACSR 6/1	0	0	918	179	0	0	0	0.00	2.79	0
10490113	10490112	5.20	1 1-	2 ACSR 6/1	0	0	969	180	7	0	1	0.00	2.79	0
10490108	10490107	5.15	1 1-	2 ACSR 6/1	0	0	981	181	6	0	0	0.00	2.71	0
11420114	11420119	4.75	2 1-	2 ACSR 6/1	0	0	1057	182	6	0	0	0.00	2.78	0
11420115	11420114	4.81	1 1-	2 ACSR 6/1	0	0	1040	182	4	0	0	0.00	2.78	0
11420128	11520069	4.60	6 1-	2 ACSR 6/1	0	0	1089	183	16	2	1	0.00	2.78	0
11420144	11520069	4.58	2 1-	2 ACSR 6/1	0	0	1094	183	2	0	0	0.00	2.78	0
11420145	11420144	4.61	2 1-	2 ACSR 6/1	0	0	1085	183	2	0	0	0.00	2.78	0
11420060	11420145	4.73	1 1-	2 ACSR 6/1	0	0	1053	182	2	0	0	0.00	2.78	0
11520067	11520034	4.49	159 3-	1/0 ACSR 6/1	1560	1423	1112	183	744	31	14	0.01	2.55	15
D11-52-P070	11520067	4.49	158 3-	REC-50-H	1560	1423	1112	183	741	31	64	0.00	2.55	0
11520056	D11-52-P070	4.65	158 3-	1/0 ACSR 6/1	1507	1372	1074	182	741	31	14	0.04	2.63	60
11420147	11520056	4.68	1 1-	2 ACSR 6/1	0	0	1065	182	8	1	1	0.00	2.66	0
11420127	11520056	4.73	155 3-	1/0 ACSR 6/1	1481	1347	1055	182	722	31	13	0.02	2.67	31
D11-42-P012	11420127	4.73	10 1-	FUS-20	0	0	1055	182	44	5	32	0.00	2.68	0
11420142	D11-42-P012	4.83	10 1-	2 ACSR 6/1	0	0	1026	181	44	5	3	0.02	2.70	0
11420131	11420142	4.93	8 1-	2 ACSR 6/1	0	0	1002	180	35	4	2	0.01	2.71	0
11420058	11420131	5.04	7 1-	2 ACSR 6/1	0	0	976	180	27	3	2	0.01	2.72	0
11420130	11420058	5.13	4 1-	2 ACSR 6/1	0	0	954	179	11	1	1	0.00	2.72	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS	CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
11520070	11420130	5.20	2 1-	2 ACSR 6/1	0	0	938	178	7	0	0	0.00	2.72	0
11420146	11420058	5.08	1 1-	2 ACSR 6/1	0	0	965	179	6	0	0	0.00	2.72	0
11420061	11420127	4.80	145 3-	1/0 ACSR 6/1	1458	1324	1037	182	678	29	13	0.01	2.70	26
11420062	11420061	4.85	3 1-	2 ACSR 6/1	0	0	1026	181	20	2	1	0.00	2.69	0
11420068	11420061	4.89	141 3-	1/0 ACSR 6/1	1431	1298	1018	181	651	28	12	0.01	2.74	30
11420106	11420068	5.00	122 3-	1/0 ACSR 6/1	1399	1268	994	181	565	24	11	-0.01	2.78	32
11420107	11420106	5.05	121 3-	1/0 ACSR 6/1	1383	1253	983	180	563	24	11	0.00	2.80	16
11420101	11420107	5.09	3 1-	2 ACSR 6/1	0	0	974	180	15	1	1	0.00	2.69	0
11420102	11420101	5.20	1 1-	2 ACSR 6/1	0	0	948	179	7	0	0	0.00	2.70	0
11420095	11420107	5.09	118 3-	1/0 ACSR 6/1	1372	1242	975	180	548	23	10	0.00	2.82	11
11420108	11420095	5.13	116 3-	1/0 ACSR 6/1	1361	1231	967	180	541	23	10	0.00	2.83	12
11420110	11420108	5.19	2 1-	2 ACSR 6/1	0	0	955	179	11	1	1	0.00	3.47	0
11420109	11420108	5.18	114 3-	1/0 ACSR 6/1	1349	1220	958	180	530	22	10	0.00	2.85	12
11420104	11420109	5.20	8 1-	2 ACSR 6/1	0	0	953	179	29	3	2	0.00	2.68	0
11420105	11420104	5.22	5 1-	2 ACSR 6/1	0	0	948	179	18	2	1	0.00	2.68	0
11420097	11420105	5.27	1 1-	2 ACSR 6/1	0	0	937	179	2	0	0	0.00	2.68	0
11420103	11420109	5.20	105 3-	1/0 ACSR 6/1	1342	1213	953	179	499	21	9	0.00	2.86	7
11420111	11420103	5.25	104 3-	1/0 ACSR 6/1	1329	1201	944	179	493	21	9	-0.01	2.87	13
11420098	11420111	5.29	89 3-	1/0 ACSR 6/1	1318	1191	936	179	425	18	8	-0.01	2.88	10
11420082	11420098	5.33	88 3-	1/0 ACSR 6/1	1308	1181	929	179	416	17	8	-0.01	2.89	10
11420088	11420082	5.39	87 3-	1/0 ACSR 6/1	1295	1168	919	178	408	17	8	-0.02	2.91	14
11420089	11420088	5.46	4 1-	2 ACSR 6/1	0	0	904	178	13	1	1	0.00	2.63	0
11420090	11420089	5.49	1 1-	2 ACSR 6/1	0	0	897	178	3	0	0	0.00	2.63	0
11420087	11420089	5.53	2 1-	2 ACSR 6/1	0	0	890	177	9	1	1	0.00	2.63	0
11420078	11420087	5.57	1 1-	2 ACSR 6/1	0	0	882	177	6	0	0	0.00	2.63	0
11420079	11420088	5.45	82 3-	1/0 ACSR 6/1	1278	1153	907	178	391	16	7	-0.02	2.93	17
11420080	11420079	5.50	81 3-	1/0 ACSR 6/1	1267	1142	899	178	389	16	7	-0.02	2.94	12
11420081	11420080	5.55	75 3-	2 ACSR 6/1	1252	1127	889	177	374	16	9	-0.02	2.96	21
11420077	11420081	5.60	74 3-	2 ACSR 6/1	1238	1113	878	177	369	15	9	-0.02	2.98	20
11420132	11420077	5.68	73 3-	2 ACSR 6/1	1215	1092	863	177	362	15	9	-0.03	3.01	32
D11-43-P001	11420132	5.68	51 1-	REC-50-H	0	0	863	177	270	35	70	0.00	4.05	0
11430029	D11-43-P001	5.80	51 1-	2 ACSR 6/1	0	0	841	176	270	35	20	0.12	4.16	25
11430030	11430029	5.86	50 1-	2 ACSR 6/1	0	0	830	175	263	34	19	0.06	4.22	13
11430031	11430030	6.00	48 1-	2 ACSR 6/1	0	0	806	174	256	33	19	0.13	4.35	26
11430032	11430031	6.08	46 1-	2 ACSR 6/1	0	0	793	174	244	31	18	0.07	4.42	13
11430035	11430032	6.13	41 1-	2 ACSR 6/1	0	0	784	173	211	27	15	0.04	4.46	7
11430036	11430035	6.18	1 1-	2 ACSR 6/1	0	0	777	173	2	0	0	0.00	4.46	0
11430039	11430035	6.27	40 1-	2 ACSR 6/1	0	0	763	172	208	27	15	0.10	4.57	17
11430054	11430039	6.32	31 1-	2 ACSR 6/1	0	0	755	172	157	20	11	0.03	4.60	4
11430057	11430054	6.35	30 1-	2 ACSR 6/1	0	0	751	172	147	19	11	0.01	4.61	2
11430056	11430057	6.43	3 1-	2 ACSR 6/1	0	0	740	171	15	1	1	0.00	4.61	0
11330013	11430056	6.51	2 1-	2 ACSR 6/1	0	0	728	171	8	1	1	0.00	4.62	0
11430053	11330013	6.56	1 1-	2 ACSR 6/1	0	0	721	170	4	0	0	0.00	4.62	0
11430055	11430057	6.62	26 1-	2 ACSR 6/1	0	0	713	170	128	16	9	0.12	4.73	13
11330018	11430055	6.70	1 1-	2 ACSR 6/1	0	0	703	169	5	0	0	0.00	4.74	0
11330015	11430055	6.78	23 1-	2 ACSR 6/1	0	0	692	169	108	14	8	0.06	4.80	6
11330010	11330015	6.87	21 1-	2 ACSR 6/1	0	0	681	168	102	13	7	0.03	4.83	3
11330012	11330010	7.00	16 1-	2 ACSR 6/1	0	0	666	167	84	11	6	0.04	4.87	2
11330008	11330012	7.03	1 1-	2 ACSR 6/1	0	0	662	167	7	0	1	0.00	4.87	0
11330006	11330012	7.06	2 1-	2 ACSR 6/1	0	0	658	167	18	2	1	0.00	4.87	0
11330007	11330006	7.12	1 1-	2 ACSR 6/1	0	0	651	166	9	1	1	0.00	4.88	0
11330005	11330007	7.17	0 1-	2 ACSR 6/1	0	0	646	166	0	0	0	0.00	4.88	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11330003	11330012	7.07	11 1-	2 ACSR 6/1	0	0	658	167	48	6	3	0.01	4.88	0
11330004	11330003	7.14	8 1-	2 ACSR 6/1	0	0	650	166	36	4	3	0.01	4.89	0
11340004	11330004	7.21	6 1-	2 ACSR 6/1	0	0	641	166	27	3	2	0.01	4.90	0
11340005	11340004	7.31	5 1-	2 ACSR 6/1	0	0	631	165	23	2	2	0.01	4.90	0
11340008	11340005	7.35	4 1-	2 ACSR 6/1	0	0	627	165	13	1	1	0.00	4.91	0
11340009	11340008	7.39	2 1-	2 ACSR 6/1	0	0	622	165	8	1	1	0.00	4.91	0
11340010	11340009	7.48	1 1-	2 ACSR 6/1	0	0	613	164	6	0	0	0.00	4.91	0
11440007	11340010	7.57	0 1-	2 ACSR 6/1	0	0	605	163	0	0	0	0.00	4.91	0
11340003	11330004	7.20	2 1-	2 ACSR 6/1	0	0	643	166	9	1	1	0.00	4.89	0
11330011	11330010	6.92	4 1-	2 ACSR 6/1	0	0	676	168	16	2	1	0.00	4.83	0
11330009	11330011	6.97	1 1-	2 ACSR 6/1	0	0	669	167	4	0	0	0.00	4.84	0
11330019	11330015	6.81	2 1-	2 ACSR 6/1	0	0	689	168	7	0	0	0.00	4.80	0
11330014	11430055	6.70	1 1-	2 ACSR 6/1	0	0	703	169	7	0	1	0.00	4.74	0
11430040	11430039	6.31	6 1-	2 ACSR 6/1	0	0	758	172	35	4	3	0.00	4.57	0
11430038	11430040	6.34	1 1-	2 ACSR 6/1	0	0	752	172	7	0	1	0.00	4.57	0
11430037	11430040	6.40	4 1-	2 ACSR 6/1	0	0	744	171	22	2	2	0.01	4.58	0
11430052	11430037	6.56	4 1-	2 ACSR 6/1	0	0	721	170	22	2	2	0.01	4.59	0
11430068	11430052	6.64	4 1-	2 ACSR 6/1	0	0	711	170	22	2	2	0.01	4.60	0
11430069	11430068	6.72	3 1-	2 ACSR 6/1	0	0	699	169	17	2	1	0.00	4.60	0
11430065	11430069	6.76	2 1-	2 ACSR 6/1	0	0	695	169	10	1	1	0.00	4.60	0
11430067	11430065	6.82	1 1-	2 ACSR 6/1	0	0	688	168	8	1	1	0.00	4.60	0
11430066	11430065	6.78	1 1-	2 ACSR 6/1	0	0	692	169	3	0	0	0.00	4.60	0
11430041	11430040	6.34	1 1-	2 ACSR 6/1	0	0	753	172	5	0	0	0.00	4.57	0
11430033	11430032	6.14	4 1-	2 ACSR 6/1	0	0	783	173	32	4	2	0.01	4.43	0
11430034	11430033	6.22	3 1-	2 ACSR 6/1	0	0	771	173	25	3	2	0.01	4.43	0
11430070	11430034	6.24	2 1-	2 ACSR 6/1	0	0	767	172	18	2	1	0.00	4.43	0
11430071	11430070	6.32	1 1-	2 ACSR 6/1	0	0	755	172	9	1	1	0.00	4.44	0
11430009	11420132	5.76	22 1-	2 ACSR 6/1	0	0	849	176	92	11	7	0.02	4.07	2
11430047	11430009	5.78	2 1-	2 ACSR 6/1	0	0	845	176	5	0	0	0.00	4.07	0
11430042	11430009	5.85	20 1-	2 ACSR 6/1	0	0	832	175	87	11	6	0.03	4.10	2
11430044	11430042	5.95	18 1-	2 ACSR 6/1	0	0	815	175	80	10	6	0.03	4.13	2
11430045	11430044	6.00	14 1-	2 ACSR 6/1	0	0	806	174	62	8	4	0.01	4.14	0
11430046	11430045	6.05	12 1-	2 ACSR 6/1	0	0	798	174	48	6	3	0.01	4.15	0
11430050	11430046	6.12	10 1-	2 ACSR 6/1	0	0	786	173	43	5	3	0.01	4.16	0
11430051	11430050	6.18	9 1-	2 ACSR 6/1	0	0	776	173	39	5	3	0.01	4.16	0
11430049	11430051	6.28	4 1-	2 ACSR 6/1	0	0	762	172	21	2	2	0.00	4.17	0
11430048	11430049	6.36	1 1-	2 ACSR 6/1	0	0	750	172	6	0	0	0.00	4.17	0
11430043	11430042	5.91	1 1-	2 ACSR 6/1	0	0	821	175	2	0	0	0.00	4.10	0
11420122	11420080	5.75	5 1-	2 ACSR 6/1	0	0	851	176	14	1	1	0.01	2.44	0
11420123	11420122	5.80	1 1-	2 ACSR 6/1	0	0	841	176	5	0	0	0.00	2.44	0
11420124	11420123	5.84	1 1-	2 ACSR 6/1	0	0	835	175	5	0	0	0.00	2.44	0
11420125	11420122	5.82	4 1-	2 ACSR 6/1	0	0	838	176	9	1	1	0.00	2.44	0
11420126	11420125	5.97	3 1-	2 ACSR 6/1	0	0	811	174	7	0	1	0.00	2.45	0
11320006	11420126	6.02	1 1-	2 ACSR 6/1	0	0	803	174	6	0	0	0.00	2.45	0
11320007	11320006	6.08	0 1-	2 ACSR 6/1	0	0	793	174	0	0	0	0.00	2.45	0
11420112	11420111	5.31	12 1-	2 ACSR 6/1	0	0	930	179	61	7	4	0.01	2.68	0
11420113	11420112	5.39	10 1-	2 ACSR 6/1	0	0	915	178	46	5	3	0.01	2.69	0
11420074	11420113	5.51	8 1-	2 ACSR 6/1	0	0	890	177	40	5	3	0.02	2.71	0
11420091	11420074	5.56	0 1-	2 ACSR 6/1	0	0	879	177	0	0	0	0.00	2.71	0
11420083	11420074	5.59	2 1-	2 ACSR 6/1	0	0	873	177	10	1	1	0.00	2.71	0
11420072	11420074	5.68	1 1-	2 ACSR 6/1	0	0	856	176	4	0	0	0.00	2.71	0
11420021	11420074	5.55	5 1-	2 ACSR 6/1	0	0	881	177	26	3	2	0.00	2.71	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11420022	11420021	5.60	2 1-	2 ACSR 6/1	0	0	871	177	11	1	1	0.00	2.72	0
11420086	11420022	5.65	1 1-	2 ACSR 6/1	0	0	862	176	8	0	1	0.00	2.72	0
11420084	11420022	5.68	0 1-	2 ACSR 6/1	0	0	857	176	0	0	0	0.00	2.72	0
11420085	11420084	5.75	0 1-	2 ACSR 6/1	0	0	843	175	0	0	0	0.00	2.72	0
11420140	11420021	5.58	3 1-	2 ACSR 6/1	0	0	875	177	15	1	1	0.00	2.72	0
11420141	11420140	5.63	2 1-	2 ACSR 6/1	0	0	866	176	10	1	1	0.00	2.72	0
11420073	11420113	5.43	1 1-	2 ACSR 6/1	0	0	906	178	0	0	0	0.00	2.69	0
11420096	11420103	5.27	1 1-	2 ACSR 6/1	0	0	938	179	6	0	0	0.00	3.53	0
11420070	11420068	4.99	16 1-	2 ACSR 6/1	0	0	992	180	66	8	5	0.02	2.73	1
11420063	11420070	5.05	14 1-	2 ACSR 6/1	0	0	977	180	64	8	5	0.01	2.74	0
11420064	11420063	5.11	13 1-	2 ACSR 6/1	0	0	965	179	58	7	4	0.01	2.75	0
11420075	11420064	5.19	7 1-	2 ACSR 6/1	0	0	945	179	32	4	2	0.01	2.76	0
11420092	11420075	5.24	5 1-	2 ACSR 6/1	0	0	934	178	22	2	2	0.00	2.76	0
11420099	11420092	5.29	4 1-	2 ACSR 6/1	0	0	923	178	18	2	1	0.00	2.77	0
11420100	11420099	5.34	1 1-	2 ACSR 6/1	0	0	913	178	6	0	0	0.00	2.77	0
11420076	11420075	5.28	1 1-	2 ACSR 6/1	0	0	926	178	9	1	1	0.00	2.76	0
11420065	11420064	5.16	6 1-	2 ACSR 6/1	0	0	953	179	26	3	2	0.01	2.76	0
11420066	11420065	5.20	1 1-	2 ACSR 6/1	0	0	942	179	4	0	0	0.00	2.76	0
11420071	11420065	5.22	3 1-	2 ACSR 6/1	0	0	939	179	13	1	1	0.00	2.76	0
11420093	11420071	5.28	2 1-	2 ACSR 6/1	0	0	927	178	12	1	1	0.00	2.76	0
11420094	11420093	5.37	2 1-	2 ACSR 6/1	0	0	907	177	12	1	1	0.00	2.76	0
11420143	11420094	5.47	1 1-	2 ACSR 6/1	0	0	886	177	6	0	0	0.00	2.77	0
11420059	11420065	5.21	2 1-	2 ACSR 6/1	0	0	942	179	9	1	1	0.00	2.76	0
11420067	11420059	5.25	1 1-	2 ACSR 6/1	0	0	932	178	9	1	1	0.00	2.76	0
11420069	11420068	4.95	2 1-	2 ACSR 6/1	0	0	1002	181	12	1	1	0.00	3.23	0
11520071	11520034	4.50	1 1-	2 ACSR 6/1	0	0	1109	183	6	0	0	0.00	2.61	0
11520058	11520110	4.44	1 1-	2 ACSR 6/1	0	0	1122	183	5	0	0	0.00	2.59	0
11520109	11520108	4.43	2 1-	2 ACSR 6/1	0	0	1124	183	9	1	1	0.00	2.72	0
11520104	11520108	4.42	16 1-	2 ACSR 6/1	0	0	1126	183	48	6	3	0.01	2.59	0
11520105	11520104	4.46	12 1-	2 ACSR 6/1	0	0	1116	183	41	5	3	0.00	2.60	0
11520041	11520105	4.47	11 1-	2 ACSR 6/1	0	0	1112	183	31	3	2	0.00	2.60	0
11520057	11520041	4.54	7 1-	2 ACSR 6/1	0	0	1091	182	17	2	1	0.00	2.60	0
11520064	11520057	4.61	2 1-	2 ACSR 6/1	0	0	1072	182	4	0	0	0.00	2.60	0
11520063	11520057	4.56	3 1-	2 ACSR 6/1	0	0	1084	182	8	1	1	0.00	2.60	0
11520045	11520041	4.52	2 1-	2 ACSR 6/1	0	0	1098	183	4	0	0	0.00	2.60	0
11520043	11520041	4.53	2 1-	2 ACSR 6/1	0	0	1093	182	9	1	1	0.00	2.60	0
11520044	11520043	4.59	1 1-	2 ACSR 6/1	0	0	1077	182	3	0	0	0.00	2.60	0
11520042	11520043	4.57	0 1-	2 ACSR 6/1	0	0	1083	182	0	0	0	0.00	2.60	0
11520107	11520106	4.36	2 1-	2 ACSR 6/1	0	0	1140	184	6	0	0	0.00	2.21	0
11520091	11520089	4.32	1 1-	2 ACSR 6/1	0	0	1147	184	8	0	1	0.00	2.61	0
11520090	11520089	4.28	2 1-	2 ACSR 6/1	0	0	1159	184	12	1	1	0.00	2.53	0
11520093	11520076	4.14	1 1-	2 ACSR 6/1	0	0	1193	184	8	1	1	0.00	2.48	0
11520077	11520076	4.15	7 1-	2 ACSR 6/1	0	0	1191	184	21	2	2	0.00	2.48	0
11520062	11520060	4.03	3 1-	2 ACSR 6/1	0	0	1225	185	8	1	1	0.00	2.44	0
11520059	11520092	3.92	1 1-	2 ACSR 6/1	0	0	1256	185	8	1	1	0.00	2.38	0
11520050	11520049	3.67	22 1-	2 ACSR 6/1	0	0	1321	186	81	10	6	0.03	2.18	2
11520051	11520050	3.70	21 1-	2 ACSR 6/1	0	0	1311	185	77	9	6	0.01	2.19	0
11520052	11520051	3.78	19 1-	2 ACSR 6/1	0	0	1276	185	71	9	5	0.02	2.21	1
11520055	11520052	3.86	12 1-	2 ACSR 6/1	0	0	1245	184	51	6	4	0.01	2.23	0
11520080	11520055	3.94	9 1-	2 ACSR 6/1	0	0	1216	184	44	5	3	0.01	2.24	0
11520081	11520080	4.01	8 1-	2 ACSR 6/1	0	0	1189	183	37	4	3	0.01	2.25	0
11520082	11520081	4.11	6 1-	2 ACSR 6/1	0	0	1154	182	29	3	2	0.01	2.26	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11520083	11520082	4.15	1 1-	2 ACSR 6/1	0	0	1141	182	6	0	0	0.00	2.26	0
11520035	11520082	4.21	5 1-	2 ACSR 6/1	0	0	1123	181	23	2	2	0.01	2.27	0
11520084	11520035	4.28	4 1-	2 ACSR 6/1	0	0	1100	181	17	2	1	0.00	2.27	0
11520085	11520084	4.42	2 1-	2 ACSR 6/1	0	0	1060	180	13	1	1	0.00	2.27	0
11520097	11520085	4.48	1 1-	2 ACSR 6/1	0	0	1042	179	4	0	0	0.00	2.28	0
11520078	11520035	4.35	1 1-	2 ACSR 6/1	0	0	1081	180	6	0	0	0.00	2.27	0
11520079	11520055	3.90	1 1-	2 ACSR 6/1	0	0	1232	184	4	0	0	0.00	2.23	0
11520038	11520052	3.82	6 1-	2 ACSR 6/1	0	0	1261	185	18	2	1	0.00	2.22	0
11520039	11520038	3.87	1 1-	2 ACSR 6/1	0	0	1240	184	3	0	0	0.00	2.22	0
11520053	11520039	3.92	0 1-	2 ACSR 6/1	0	0	1223	184	0	0	0	0.00	2.22	0
11520040	11520038	3.89	5 1-	2 ACSR 6/1	0	0	1236	184	14	1	1	0.00	2.22	0
11520111	11520040	3.95	4 1-	2 ACSR 6/1	0	0	1212	183	11	1	1	0.00	2.22	0
11520054	11520111	4.01	1 1-	2 ACSR 6/1	0	0	1191	183	3	0	0	0.00	2.22	0
11620097	11620021	2.79	1 1-	2 ACSR 6/1	0	0	1676	189	10	1	1	0.00	1.55	0
11720064	11720063	1.58	2 1-	2 ACSR 6/1	0	0	2418	192	5	0	0	0.00	1.20	0
11720067	11820075	1.30	2 1-	2 ACSR 6/1	0	0	2672	193	6	0	0	0.00	0.73	0
11720076	11720067	1.35	1 1-	2 ACSR 6/1	0	0	2592	192	4	0	0	0.00	0.73	0
11720075	11720067	1.34	1 1-	2 ACSR 6/1	0	0	2603	192	2	0	0	0.00	0.73	0
CKT 2	total losses:	\$4,796												
SUB 53, CKT 3														
BK5303	HINKLE(53)	0.00	465 3-	BK5303	5101	5199	5367	196	2156	89	24	0.00	0.00	0
11920010	BK5303	0.51	465 3-	336 ACSR 18/1	4178	4110	3895	195	2156	89	17	0.12	0.22	389
17-02-P017-B	11920010	0.51	465 3-	Closed	4178	4110	3895	195	2152	89	0	0.00	0.22	0
17-02-P017-A	17-02-P017-B	0.51	465 3-	Closed	4178	4110	3895	195	2152	89	0	0.00	0.22	0
17020005	17-02-P017-A	0.58	465 3-	1/0 ACSR 6/1	4035	3953	3709	194	2152	89	39	0.07	0.31	164
17020024	17020005	0.73	33 3-	2 ACSR 6/1	3709	3585	3300	193	152	6	4	0.04	0.33	4
D17-02-P019	17020024	0.73	33 3-	REC-70-L	3709	3585	3300	193	152	6	9	0.00	0.33	0
17020027	D17-02-P019	1.79	33 3-	2 ACSR 6/1	2170	1975	1745	185	152	6	4	0.31	0.49	29
16190009	17020027	2.06	11 3-	2 ACSR 6/1	1948	1758	1552	183	87	3	2	0.02	0.52	2
20851997	16190009	2.35	10 3-	2 ACSR 6/1	1744	1563	1380	181	80	3	2	0.01	0.54	2
20851954	20851997	2.40	9 3-	2 ACSR 6/1	1714	1535	1355	180	80	3	2	0.00	0.55	0
20851953	20851954	2.48	7 3-	2 ACSR 6/1	1670	1493	1318	180	67	2	2	0.00	0.55	0
20851955	20851953	2.52	3 3-	2 ACSR 6/1	1648	1472	1299	179	46	1	1	0.00	0.55	0
20851956	20851955	2.55	2 3-	2 ACSR 6/1	1629	1454	1284	179	8	0	0	0.00	0.55	0
20851628	20851956	2.72	1 1-	2 ACSR 6/1	0	0	1211	178	3	0	0	0.00	0.58	0
20851627	20851956	2.59	1 1-	2 ACSR 6/1	0	0	1265	179	5	0	0	0.00	0.58	0
20851629	20851953	2.53	4 1-	2 ACSR 6/1	0	0	1292	179	22	2	2	0.00	0.87	0
16190011	20851629	2.69	2 1-	2 ACSR 6/1	0	0	1223	178	12	1	1	0.00	0.87	0
16290004	16190011	2.70	1 1-	2 ACSR 6/1	0	0	1219	178	5	0	0	0.00	0.87	0
16290003	16190011	2.73	0 1-	2 ACSR 6/1	0	0	1207	178	0	0	0	0.00	0.87	0
20851952	20851954	2.46	1 1-	2 ACSR 6/1	0	0	1326	180	10	1	1	0.00	0.85	0
20851633	16190009	2.16	1 1-	2 ACSR 6/1	0	0	1487	182	7	0	0	0.00	0.56	0
16190010	17020027	1.86	22 1-	2 ACSR 6/1	0	0	1690	184	64	8	5	0.02	0.56	0
D16-19-P021	16190010	1.86	1 1-	REC-50-L	0	0	1690	184	4	0	1	0.00	0.56	0
20851632	D16-19-P021	2.03	1 1-	2 ACSR 6/1	0	0	1569	183	4	0	0	0.00	0.56	0
D16-19-P021A	16190010	1.86	21 1-	REC-50-L	0	0	1690	184	60	7	15	0.00	0.56	0
20851626	D16-19-P021A	1.89	21 1-	2 ACSR 6/1	0	0	1665	184	60	7	4	0.01	0.56	0
20851630	20851626	1.95	20 1-	2 ACSR 6/1	0	0	1625	184	57	7	4	0.01	0.57	0
20851721	20851630	2.00	17 1-	2 ACSR 6/1	0	0	1590	183	51	6	4	0.01	0.58	0
20851722	20851721	2.04	2 1-	2 ACSR 6/1	0	0	1566	183	1	0	0	0.00	0.58	0
16190015	20851721	2.02	13 1-	2 ACSR 6/1	0	0	1578	183	46	5	3	0.00	0.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16190016	16190015	2.04	12 1-	2 ACSR 6/1	0	0	1559	183	43	5	3	0.00	0.59	0
20851723	16190016	2.17	7 1-	2 ACSR 6/1	0	0	1481	182	18	2	1	0.01	0.60	0
20851631	20851723	2.24	4 1-	2 ACSR 6/1	0	0	1440	181	13	1	1	0.00	0.60	0
16190014	20851631	2.29	1 1- 15	KV 2 URD XLP	0	0	1413	420	6	0	0	0.00	0.60	0
20851714	16190016	2.43	4 1-	2 ACSR 6/1	0	0	1342	180	24	3	2	0.03	0.62	0
16190012	20851714	2.71	3 1-	2 ACSR 6/1	0	0	1215	178	19	2	1	0.02	0.63	0
17120006	16190012	2.77	2 1-	2 ACSR 6/1	0	0	1191	178	11	1	1	0.00	0.64	0
17120007	17120006	2.86	1 1-	2 ACSR 6/1	0	0	1156	177	7	0	1	0.00	0.64	0
17020021	17020005	0.76	432 3-	1/0 ACSR 6/1	3686	3569	3279	193	1999	83	36	0.16	0.52	378
17020022	17020021	0.81	431 3-	1/0 ACSR 6/1	3592	3467	3169	193	1990	83	36	0.05	0.59	110
17020009	17020022	0.82	430 3-	1/0 ACSR 6/1	3574	3447	3148	193	1987	83	36	0.01	0.60	22
17-02-P022-B	17020009	0.82	430 3-	Closed	3574	3447	3148	193	1987	83	0	0.00	0.60	0
17-02-P022-A	17-02-P022-B	0.82	430 3-	Closed	3574	3447	3148	193	1987	83	0	0.00	0.60	0
17020008	17-02-P022-A	0.93	430 3-	1/0 ACSR 6/1	3396	3256	2946	192	1987	83	36	0.09	0.73	223
17020030	17020008	1.12	1 3-	1/0 ACSR 6/1	3112	2954	2638	191	29	1	1	0.00	0.73	0
17020029	17020008	0.98	429 3-	1/0 ACSR 6/1	3321	3175	2863	192	1955	82	36	0.04	0.78	97
17020007	17020029	1.03	426 3-	1/0 ACSR 6/1	3241	3090	2776	192	1757	73	32	0.04	0.84	88
17020031	17020007	1.05	425 3-	1/0 ACSR 6/1	3212	3059	2744	192	1750	73	32	0.01	0.86	33
17020015	17020031	1.12	425 3-	1/0 ACSR 6/1	3109	2951	2635	191	1750	73	32	0.05	0.93	119
17120005	17020015	1.23	4 1-	2 ACSR 6/1	0	0	2465	191	18	2	1	0.01	0.65	0
17020032	17120005	1.25	2 1-	1/0 ACSR 6/1	0	0	2440	190	11	1	1	0.00	0.65	0
17020033	17020032	1.27	0 1-	1/0 ACSR 6/1	0	0	2413	190	0	0	0	0.00	0.65	0
17020034	17020033	1.44	0 1- 15	KV 2 URD XLP	0	0	2205	467	0	0	0	0.00	0.65	0
17020012	17120005	1.33	1 1-	2 ACSR 6/1	0	0	2333	190	3	0	0	0.00	0.65	0
17020013	17020012	1.37	0 1-	2 ACSR 6/1	0	0	2273	189	0	0	0	0.00	0.65	0
17120010	17020015	1.30	416 3-	1/0 ACSR 6/1	2888	2720	2407	190	1704	71	31	0.11	1.10	271
17120015	17120010	1.47	408 3-	1/0 ACSR 6/1	2692	2519	2212	190	1670	70	31	0.10	1.27	264
17120016	17120015	1.50	407 3-	1/0 ACSR 6/1	2659	2485	2180	189	1667	70	31	0.02	1.30	48
17120017	17120016	1.79	0 1-	2 ACSR 6/1	0	0	1885	187	0	0	0	0.00	2.03	0
17120020	17120016	1.56	406 3-	1/0 ACSR 6/1	2599	2424	2122	189	1663	70	31	0.03	1.36	89
17120022	17120020	1.60	1 1-	2 ACSR 6/1	0	0	2079	189	8	1	1	0.00	0.90	0
17120021	17120020	1.65	403 3-	1/0 ACSR 6/1	2510	2335	2038	189	1644	69	30	0.05	1.44	137
17120019	17120021	1.70	1 1-	2 ACSR 6/1	0	0	1993	188	2	0	0	0.00	0.94	0
17120018	17120021	1.73	2 1-	2 ACSR 6/1	0	0	1962	188	10	1	1	0.00	0.94	0
17120004	17120021	1.72	400 3-	1/0 ACSR 6/1	2448	2272	1979	188	1631	68	30	0.03	1.51	100
17120023	17120004	2.12	400 3-	1/0 ACSR 6/1	2136	1962	1693	186	1630	68	30	0.18	1.88	585
17120024	17120023	2.71	400 3-	1/0 ACSR 6/1	1786	1623	1388	183	1624	68	30	0.27	2.43	881
20850058	17120024	2.81	398 3-	1/0 ACSR 6/1	1739	1577	1348	182	1604	68	30	0.04	2.52	143
20850059	20850058	2.89	396 3-	1/0 ACSR 6/1	1703	1544	1318	182	1591	67	30	0.03	2.59	109
20850061	20850059	2.97	393 3-	1/0 ACSR 6/1	1667	1509	1288	182	1574	67	29	0.04	2.66	118
D17-23-P002	20850061	2.97	17 1-	FUS	0	0	1288	182	48	6	144	0.00	4.26	0
17230001	D17-23-P002	3.08	17 1-	2 ACSR 6/1	0	0	1242	181	48	6	4	0.02	4.28	0
20850052	17230001	3.17	1 1-	2 ACSR 6/1	0	0	1208	180	5	0	0	0.00	4.28	0
20850014	17230001	3.17	15 1-	2 ACSR 6/1	0	0	1208	180	38	4	3	0.01	4.29	0
20850015	20850014	3.24	15 1-	2 ACSR 6/1	0	0	1181	180	38	4	3	0.01	4.30	0
20850270	20850015	3.30	13 1-	2 ACSR 6/1	0	0	1157	179	34	4	2	0.01	4.31	0
20850271	20850270	3.70	12 1-	2 ACSR 6/1	0	0	1031	176	28	3	2	0.04	4.35	0
17130011	20850271	3.75	4 1-	2 ACSR 6/1	0	0	1016	176	13	1	1	0.00	4.35	0
17130012	17130011	3.79	2 1-	2 ACSR 6/1	0	0	1005	176	11	1	1	0.00	4.35	0
17130010	20850271	3.75	1 1-	2 ACSR 6/1	0	0	1015	176	2	0	0	0.00	4.35	0
17130009	20850271	3.80	5 1-	2 ACSR 6/1	0	0	1001	176	7	0	1	0.00	4.35	0
17130015	17130009	3.91	3 1-	2 ACSR 6/1	0	0	973	175	1	0	0	0.00	4.35	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
17130018	17130015	3.96	1 1-	2 ACSR 6/1	0	0	961	174	0	0	0	0.00	4.35	0
17130016	17130015	4.00	1 1-	2 ACSR 6/1	0	0	951	174	0	0	0	0.00	4.35	0
17130019	17130016	4.11	0 1-	2 ACSR 6/1	0	0	923	173	0	0	0	0.00	4.35	0
17130013	17130009	3.90	2 1-	2 ACSR 6/1	0	0	974	175	6	0	0	0.00	4.35	0
17130014	17130013	3.94	1 1-	2 ACSR 6/1	0	0	965	175	2	0	0	0.00	4.35	0
20850269	20850015	3.34	1 1-	2 ACSR 6/1	0	0	1143	179	2	0	0	0.00	4.31	0
20850050	20850061	3.08	375 3-	1/0 ACSR 6/1	1623	1468	1251	181	1517	64	28	0.05	2.75	133
20850051	20850050	3.23	374 3-	1/0 ACSR 6/1	1562	1409	1200	180	1512	64	28	0.07	2.89	201
17220027	20850051	3.29	373 3-	1/0 ACSR 6/1	1539	1388	1182	180	1509	64	28	0.03	2.94	77
17220028	17220027	3.49	373 3-	1/0 ACSR 6/1	1468	1321	1123	179	1509	64	28	0.09	3.11	259
17220036	17220028	3.56	373 3-	1/0 ACSR 6/1	1445	1300	1104	179	1506	64	28	0.03	3.17	89
17220037	17220036	3.80	372 3-	1/0 ACSR 6/1	1370	1229	1043	177	1499	64	28	0.11	3.37	310
17220039	17220037	3.88	1 1-	2 ACSR 6/1	0	0	1021	177	3	0	0	0.00	1.93	0
17220038	17220037	3.89	1 1-	2 ACSR 6/1	0	0	1018	177	2	0	0	0.00	1.93	0
17220040	17220037	3.99	370 3-	1/0 ACSR 6/1	1317	1179	1000	176	1492	64	28	0.08	3.53	240
17220042	17220040	4.23	1 1-	2 ACSR 6/1	0	0	939	175	3	0	0	0.00	2.01	0
17220041	17220040	4.30	366 3-	1/0 ACSR 6/1	1237	1106	936	175	1483	63	28	0.14	3.79	393
D17-22-P014	17220041	4.30	23 1-	REC-35-H	0	0	936	175	132	17	50	0.00	6.12	0
17220044	D17-22-P014	4.45	23 1-	2 ACSR 6/1	0	0	902	174	132	17	10	0.07	6.19	8
17220032	17220044	4.55	22 1-	2 ACSR 6/1	0	0	880	173	129	17	9	0.05	6.24	5
17220045	17220032	4.67	21 1-	2 ACSR 6/1	0	0	856	172	126	16	9	0.06	6.30	6
17220047	17220045	4.73	18 1-	2 ACSR 6/1	0	0	844	172	105	13	8	0.02	6.32	2
17220048	17220047	4.81	2 1-	2 ACSR 6/1	0	0	828	171	18	2	1	0.00	6.32	0
17220049	17220048	4.86	1 1-	2 ACSR 6/1	0	0	820	171	11	1	1	0.00	6.33	0
17220025	17220049	4.93	1 1-	15 KV 2 URD XLP	0	0	808	359	11	1	1	0.00	6.33	0
17220034	17220047	4.76	15 1-	2 ACSR 6/1	0	0	838	172	79	10	6	0.01	6.33	0
20850057	17220034	4.89	13 1-	2 ACSR 6/1	0	0	814	171	68	9	5	0.03	6.36	2
20850056	20850057	5.02	10 1-	2 ACSR 6/1	0	0	791	170	55	7	4	0.03	6.39	1
17220031	20850056	5.13	9 1-	2 ACSR 6/1	0	0	774	169	48	6	4	0.02	6.41	0
17220017	17220031	5.19	4 1-	2 ACSR 6/1	0	0	764	169	22	2	2	0.00	6.41	0
17220018	17220017	5.25	2 1-	2 ACSR 6/1	0	0	755	168	10	1	1	0.00	6.41	0
17220019	17220018	5.29	1 1-	2 ACSR 6/1	0	0	748	168	6	0	0	0.00	6.41	0
17220021	17220031	5.24	4 1-	2 ACSR 6/1	0	0	757	168	24	3	2	0.01	6.41	0
17220020	17220021	5.39	1 1-	2 ACSR 6/1	0	0	733	167	4	0	0	0.00	6.42	0
17220022	17220021	5.28	2 1-	2 ACSR 6/1	0	0	749	168	9	1	1	0.00	6.42	0
17220023	17220022	5.34	1 1-	2 ACSR 6/1	0	0	741	168	4	0	0	0.00	6.42	0
17220029	20850056	5.06	1 1-	2 ACSR 6/1	0	0	785	170	7	0	1	0.00	6.39	0
17220030	17220029	5.09	0 1-	2 ACSR 6/1	0	0	780	169	0	0	0	0.00	6.39	0
20850055	20850057	4.95	1 1-	2 ACSR 6/1	0	0	804	170	7	0	1	0.00	6.36	0
17220016	17220034	4.86	2 1-	2 ACSR 6/1	0	0	820	171	11	1	1	0.00	6.33	0
17220026	17220016	4.95	2 1-	15 KV 2 URD XLP	0	0	804	359	11	1	1	0.00	6.33	0
17220046	17220045	4.70	2 1-	2 ACSR 6/1	0	0	850	172	18	2	1	0.00	6.30	0
17220033	17220046	4.77	1 1-	2 ACSR 6/1	0	0	836	172	11	1	1	0.00	6.30	0
17220043	17220041	4.33	0 3-	1/0 ACSR 6/1	1230	1099	930	175	0	0	0	0.00	3.79	0
17220024	17220041	4.34	343 3-	4/0 ACSR 6/1	1230	1099	930	175	1346	58	17	0.01	3.80	21
20850272	17220024	4.44	341 3-	4/0 ACSR 6/1	1213	1083	915	174	1333	57	17	0.02	3.83	48
20850273	20850272	4.48	340 3-	4/0 ACSR 6/1	1206	1077	909	174	1332	57	17	0.01	3.85	20
D17-32-P018	20850273	4.48	340 3-	REC-100-4H	1206	1077	909	174	1331	57	58	0.00	3.85	0
17320009	D17-32-P018	4.51	340 3-	4/0 ACSR 6/1	1201	1072	904	174	1331	57	17	0.01	3.86	17
17320014	17320009	4.58	17 3-	2 ACSR 6/1	1180	1052	888	174	165	7	4	0.01	3.87	1
17320015	17320014	4.92	16 3-	2 ACSR 6/1	1093	971	822	171	100	4	2	0.02	3.91	4
20850485	17320015	5.07	9 1-	2 ACSR 6/1	0	0	796	170	41	5	3	0.02	6.35	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850487	20850485	5.11	8 1-	2 ACSR 6/1	0	0	788	170	31	4	2	0.00	6.35	0
20850486	20850487	5.19	4 1-	2 ACSR 6/1	0	0	775	169	19	2	1	0.00	6.36	0
20850462	20850487	5.15	3 1-	2 ACSR 6/1	0	0	783	170	4	0	0	0.00	6.35	0
20850463	20850462	5.16	2 1-	2 ACSR 6/1	0	0	780	170	2	0	0	0.00	6.35	0
17330002	20850462	5.18	1 1-	2 ACSR 6/1	0	0	777	170	2	0	0	0.00	6.35	0
20850482	17320015	5.04	7 3-	2 ACSR 6/1	1066	945	801	171	59	2	1	0.01	3.91	0
20850483	20850482	5.07	6 3-	2 ACSR 6/1	1059	939	796	170	18	0	0	0.00	3.91	0
20850484	20850483	5.13	2 3-	2 ACSR 6/1	1044	925	785	170	4	0	0	0.00	3.91	0
17320006	17320009	4.64	323 3-	4/0 ACSR 6/1	1180	1053	886	174	1166	50	15	0.02	3.89	47
17320007	17320006	4.97	1 3-	15 KV 2 URD XLP	1111	991	838	364	16	0	0	0.01	3.90	0
20850274	17320007	5.01	1 3-	4/0 ACSR 6/1	1105	986	832	171	16	0	0	0.00	3.90	0
17320008	17320006	4.70	322 3-	4/0 ACSR 6/1	1170	1044	877	174	1150	49	15	0.01	3.91	23
20850481	17320008	4.95	322 3-	15 KV 2 URD XLP	1118	997	841	366	1150	49	30	0.30	4.23	346
20850290	20850481	5.15	320 3-	15 KV 2 URD XLP	1078	961	813	359	1141	49	30	0.24	4.48	274
20850161	20850290	5.22	320 3-	15 KV 2 URD XLP	1065	950	804	356	1138	49	30	0.08	4.57	93
20850284	20850161	5.44	319 3-	4/0 ACSR 6/1	1038	924	780	169	1136	49	15	0.03	4.63	79
17320016	20850284	5.48	318 3-	4/0 ACSR 6/1	1032	919	775	169	1133	49	15	0.01	4.64	17
17320018	17320016	5.54	1 1-	2 ACSR 6/1	0	0	765	168	2	0	0	0.00	2.88	0
17320017	17320016	5.56	317 3-	4/0 ACSR 6/1	1023	911	767	168	1131	49	15	0.01	4.66	26
20850285	17320017	5.66	315 3-	4/0 ACSR 6/1	1011	900	756	168	1128	49	15	0.02	4.69	38
D17-42-P008	20850285	5.66	11 1-	REC-50-H	0	0	756	168	40	5	10	0.00	2.91	0
20850913	D17-42-P008	5.93	11 1-	2 ACSR 6/1	0	0	716	166	40	5	3	0.04	2.94	0
20850915	20850913	6.10	7 1-	2 ACSR 6/1	0	0	693	165	27	3	2	0.01	2.96	0
20850781	20850915	6.21	3 1-	2 ACSR 6/1	0	0	680	165	14	1	1	0.00	2.96	0
20850782	20850781	6.68	2 1-	2 ACSR 6/1	0	0	624	162	8	1	1	0.01	2.98	0
20850970	20850782	7.32	2 1-	2 ACSR 6/1	0	0	562	158	8	1	1	0.02	2.99	0
20850971	20850970	7.36	1 1-	2 ACSR 6/1	0	0	559	157	6	0	0	0.00	3.00	0
20850780	20850915	6.17	2 1-	2 ACSR 6/1	0	0	683	165	4	0	0	0.00	2.96	0
20850779	20850915	6.14	1 1-	2 ACSR 6/1	0	0	688	165	2	0	0	0.00	2.96	0
20850762	20850779	6.16	1 1-	2 ACSR 6/1	0	0	685	165	2	0	0	0.00	2.96	0
20850914	20850913	5.99	1 1-	2 ACSR 6/1	0	0	708	166	3	0	0	0.00	2.94	0
17420017	20850285	5.74	304 3-	4/0 ACSR 6/1	1002	892	749	168	1088	47	14	0.01	4.71	25
17420020	17420017	5.79	1 3-	4/0 ACSR 6/1	996	887	743	168	9	0	0	0.00	4.71	0
17420021	17420020	5.82	1 3-	4/0 ACSR 6/1	993	883	740	168	9	0	0	0.00	4.71	0
20850286	17420021	5.84	1 3-	4/0 ACSR 6/1	990	881	738	168	9	0	0	0.00	4.71	0
20850287	20850286	5.90	1 3-	4/0 ACSR 6/1	984	875	732	167	9	0	0	0.00	4.71	0
20850464	17420021	5.88	0 1-	2 ACSR 6/1	0	0	732	167	0	0	0	0.00	2.92	0
20850783	17420017	5.82	303 3-	4/0 ACSR 6/1	992	883	740	168	1079	47	14	0.01	4.73	30
20850968	20850783	5.89	299 3-	4/0 ACSR 6/1	985	877	734	167	1072	47	14	0.01	4.74	20
20850969	20850968	5.98	299 3-	4/0 ACSR 6/1	975	867	724	167	1072	47	14	0.01	4.77	32
17-42-P001-B	20850969	5.98	299 3-	Closed	975	867	724	167	1071	47	0	0.00	4.77	0
17-42-P001-A	17-42-P001-B	5.98	299 3-	Closed	975	867	724	167	1071	47	0	0.00	4.77	0
17420018	17-42-P001-A	6.07	299 3-	4/0 ACSR 6/1	965	858	716	167	1071	47	14	0.01	4.79	29
20851969	17420018	6.09	26 3-	4/0 ACSR 6/1	963	856	715	167	72	13	4	0.00	4.78	0
20851998	20851969	6.41	25 3-	4/0 ACSR 6/1	930	826	686	166	70	13	4	-0.04	4.74	9
16-49-P007-B	20851998	6.41	25 3-	Closed	930	826	686	166	70	13	0	0.00	4.74	0
16-49-P007-A	16-49-P007-B	6.41	25 3-	Closed	930	826	686	166	70	13	0	0.00	4.74	0
20851967	16-49-P007-A	6.51	25 3-	4/0 ACSR 6/1	920	817	678	166	70	13	4	-0.01	4.73	3
20851968	20851967	7.17	24 3-	4/0 ACSR 6/1	861	763	628	164	68	13	4	-0.08	4.64	18
20850191	20851968	7.27	23 3-	4/0 ACSR 6/1	852	756	621	163	67	13	4	-0.01	4.63	3
20850192	20850191	7.28	23 3-	4/0 ACSR 6/1	851	754	619	163	67	13	4	0.00	4.62	0
20850193	20850192	7.35	20 3-	4/0 ACSR 6/1	845	749	615	163	58	13	4	-0.01	4.61	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
20850194	20850193	7.43	18 3-	4/0 ACSR 6/1	838	743	609	163	51	13	4	-0.01	4.60	2	
20850313	20850194	7.55	1 1-	2 ACSR 6/1	0	0	598	162	5	0	0	0.00	2.78	0	
20850195	20850194	7.49	14 3-	4/0 ACSR 6/1	834	739	606	163	34	13	4	-0.01	4.59	1	
C16-38-P41	20850195	7.49	0 3-	Capacitor	834	739	606	163	0	-13	0	0.00	4.59	0	
16380017	20850195	7.55	14 3-	4/0 ACSR 6/1	829	735	602	162	34	1	0	0.00	4.60	0	
20850278	16380017	7.61	3 1-	2 ACSR 6/1	0	0	596	162	8	0	1	0.00	2.77	0	
20850279	20850278	7.71	0 1-	2 ACSR 6/1	0	0	586	161	0	0	0	0.00	2.77	0	
20850417	16380017	7.74	1 1-	2 ACSR 6/1	0	0	583	161	2	0	0	0.00	7.27	0	
16380018	16380017	7.81	9 3-	4/0 ACSR 6/1	809	717	585	162	23	0	0	0.00	4.60	0	
20850230	16380018	7.87	8 3-	4/0 ACSR 6/1	805	713	581	162	22	0	0	0.00	4.60	0	
20850231	20850230	7.92	6 3-	4/0 ACSR 6/1	800	709	578	161	12	0	0	0.00	4.60	0	
20850232	20850231	7.98	5 3-	4/0 ACSR 6/1	796	705	575	161	9	0	0	0.00	4.60	0	
20850233	20850232	8.09	3 3-	4/0 ACSR 6/1	788	698	568	161	6	0	0	0.00	4.60	0	
20850234	20850233	8.21	2 3-	4/0 ACSR 6/1	780	691	561	160	6	0	0	0.00	4.60	0	
20850189	20850234	8.28	1 3-	4/0 ACSR 6/1	775	686	557	160	1	0	0	0.00	4.60	0	
16380019	20850189	8.38	1 1-	2 ACSR 6/1	0	0	549	160	1	0	0	0.00	3.76	0	
16380020	16380019	8.72	1 1-	2 ACSR 6/1	0	0	522	158	1	0	0	0.00	3.77	0	
20850190	16380020	8.73	0 1-	2 ACSR 6/1	0	0	522	157	0	0	0	0.00	3.77	0	
16-38-P002-B	20850190	8.73	0 1-	Open	0	0	522	157	0	0	0	0.00	3.77	0	
16380012	20850189	8.33	0 3-	4/0 ACSR 6/1	772	683	555	160	0	0	0	0.00	4.60	0	
16-38-P042-B	16380012	8.33	0 3-	Open	772	683	555	160	0	0	0	0.00	4.60	0	
20850229	16380018	7.89	1 1-	2 ACSR 6/1	0	0	577	161	1	0	0	0.00	3.76	0	
20852053	17420018	6.15	273 3-	1/0 ACSR 6/1	954	848	708	167	1000	43	19	0.04	4.84	44	
20850465	20852053	6.21	2 1-	2 ACSR 6/1	0	0	699	166	2	0	0	0.00	3.92	0	
20850466	20850465	6.26	1 1-	2 ACSR 6/1	0	0	692	166	1	0	0	0.00	3.92	0	
20850467	20852053	6.23	269 3-	1/0 ACSR 6/1	942	837	699	166	995	43	19	0.04	4.90	49	
20850468	20850467	6.35	268 3-	1/0 ACSR 6/1	925	822	686	166	994	43	19	0.06	4.98	69	
20850470	20850468	6.58	261 3-	1/0 ACSR 6/1	894	793	662	165	972	42	19	0.12	5.13	132	
20850829	20850470	6.72	255 3-	1/0 ACSR 6/1	878	778	650	164	963	42	18	0.07	5.22	73	
20850830	20850829	6.78	49 1-	2 ACSR 6/1	0	0	642	164	156	21	12	0.04	8.24	5	
D17-42-P044	20850830	6.78	49 1-	REC-35-H	0	0	642	164	156	21	12	0.00	8.24	0	
17420016	D17-42-P044	6.86	49 1-	0	0	0	633	163	156	21	60	0.12	0.05	8.28	6
17420022	17420016	6.95	1 1-	2 ACSR 6/1	0	0	623	162	3	0	0	0.00	8.29	0	
20850831	17420016	6.92	1 1-	2 ACSR 6/1	0	0	627	163	3	0	0	0.00	8.29	0	
17420019	17420016	6.96	47 1-	2 ACSR 6/1	0	0	623	162	151	20	11	0.06	8.34	7	
20850972	17420019	6.97	4 1-	2 ACSR 6/1	0	0	621	162	6	0	0	0.00	8.34	0	
20850952	20850972	7.06	3 1-	2 ACSR 6/1	0	0	612	162	4	0	0	0.00	8.34	0	
17520006	17420019	7.04	43 1-	2 ACSR 6/1	0	0	614	162	145	19	11	0.05	8.39	6	
20851023	17520006	7.09	1 1-	2 ACSR 6/1	0	0	609	162	3	0	0	0.00	8.39	0	
17520005	17520006	7.14	42 1-	2 ACSR 6/1	0	0	604	161	142	19	11	0.05	8.44	6	
20851025	17520005	7.24	41 1-	2 ACSR 6/1	0	0	594	161	134	18	10	0.05	8.49	6	
20851027	20851025	7.31	38 1-	2 ACSR 6/1	0	0	588	160	132	17	10	0.03	8.52	3	
20851028	20851027	7.48	35 1-	2 ACSR 6/1	0	0	572	159	118	15	9	0.08	8.61	8	
20851029	20851028	7.70	35 1-	2 ACSR 6/1	0	0	553	158	118	15	9	0.10	8.70	10	
20851030	20851029	7.80	34 1-	2 ACSR 6/1	0	0	545	157	117	15	9	0.10	8.75	4	
20851209	20851030	7.84	4 1-	2 ACSR 6/1	0	0	541	157	10	1	1	0.00	8.75	0	
20851210	20851209	7.90	1 1-	2 ACSR 6/1	0	0	536	157	4	0	0	0.00	8.75	0	
20851031	20851030	7.82	29 1-	2 ACSR 6/1	0	0	542	157	104	14	8	0.01	8.76	0	
20851215	20851031	7.98	29 1-	2 ACSR 6/1	0	0	530	156	104	14	8	0.06	8.82	5	
17530017	20851215	8.03	28 1-	2 ACSR 6/1	0	0	526	156	93	12	7	0.02	8.83	1	
17530018	17530017	8.08	2 1-	2 ACSR 6/1	0	0	522	156	7	0	1	0.00	8.84	0	
17530011	17530017	8.12	26 1-	2 ACSR 6/1	0	0	520	155	86	11	7	0.03	8.86	2	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
17530013	17530011	8.20	25 1-	2 ACSR 6/1	0	0	513	155	84	11	6	0.03	8.89	2
17530015	17530013	8.31	24 1-	2 ACSR 6/1	0	0	506	154	82	11	6	0.03	8.92	2
17530016	17530015	8.48	22 1-	2 ACSR 6/1	0	0	494	153	75	10	6	0.05	8.97	3
17530019	17530016	8.53	21 1-	2 ACSR 6/1	0	0	491	153	72	9	5	0.01	8.99	0
17530021	17530019	8.61	18 1-	2 ACSR 6/1	0	0	485	152	66	8	5	0.02	9.00	0
17530020	17530021	8.71	1 1-	2 ACSR 6/1	0	0	479	152	6	0	0	0.00	9.01	0
20851318	17530021	8.67	11 1-	2 ACSR 6/1	0	0	481	152	46	6	3	0.01	9.01	0
17530023	20851318	8.70	2 1-	2 ACSR 6/1	0	0	480	152	4	0	0	0.00	9.01	0
20851212	20851318	8.71	2 1-	2 ACSR 6/1	0	0	479	152	14	1	1	0.00	9.02	0
20851211	20851318	8.77	6 1-	2 ACSR 6/1	0	0	475	152	24	3	2	0.01	9.02	0
20851213	20851211	8.83	1 1-	2 ACSR 6/1	0	0	472	151	2	0	0	0.00	9.02	0
20851214	20851213	8.86	1 1-	2 ACSR 6/1	0	0	470	151	2	0	0	0.00	9.02	0
20851320	20851211	8.87	5 1-	2 ACSR 6/1	0	0	469	151	23	3	2	0.01	9.03	0
20851321	20851320	8.91	4 1-	2 ACSR 6/1	0	0	466	151	19	2	1	0.00	9.03	0
20851294	20851321	8.96	3 1-	2 ACSR 6/1	0	0	463	150	14	1	1	0.00	9.04	0
20851889	20851294	9.01	1 1-	2 ACSR 6/1	0	0	460	150	2	0	0	0.00	9.04	0
20851890	20851889	9.07	0 1-	2 ACSR 6/1	0	0	457	150	0	0	0	0.00	9.04	0
20851299	20851294	9.04	1 1-	2 ACSR 6/1	0	0	459	150	9	1	1	0.00	9.04	0
17530010	20851211	8.80	0 1-	2 ACSR 6/1	0	0	473	151	0	0	0	0.00	9.02	0
17530014	17530013	8.26	1 1-	2 ACSR 6/1	0	0	509	154	2	0	0	0.00	8.89	0
17530012	17530011	8.17	0 1-	2 ACSR 6/1	0	0	516	155	0	0	0	0.00	8.86	0
20851026	20851025	7.34	1 1-	2 ACSR 6/1	0	0	585	160	0	0	0	0.00	8.49	0
20851024	17520005	7.20	1 1-	2 ACSR 6/1	0	0	598	161	8	1	1	0.00	8.44	0
20850828	20850829	7.14	205 3-	1/0 ACSR 6/1	828	733	612	162	802	35	15	0.28	5.46	154
20850434	20850828	7.23	204 3-	1/0 ACSR 6/1	818	724	605	162	799	35	15	0.26	5.50	31
20851965	20850434	7.49	8 1-	2 ACSR 6/1	0	0	580	160	37	4	3	0.03	4.45	0
20851964	20851965	7.56	0 1-	2 ACSR 6/1	0	0	574	160	0	0	0	0.00	4.45	0
20851942	20851965	7.59	7 1-	2 ACSR 6/1	0	0	570	159	35	4	3	0.01	4.46	0
20851943	20851942	7.67	5 1-	2 ACSR 6/1	0	0	563	159	20	2	1	0.01	4.47	0
20851944	20851943	7.72	3 1-	2 ACSR 6/1	0	0	559	159	15	1	1	0.00	4.47	0
20851945	20851944	7.77	2 1-	2 ACSR 6/1	0	0	555	158	9	1	1	0.00	4.47	0
20851966	20851945	7.81	1 1-	2 ACSR 6/1	0	0	552	158	5	0	0	0.00	4.47	0
20850435	20850434	7.52	196 3-	1/0 ACSR 6/1	788	697	582	160	761	33	15	0.19	5.66	98
20850436	20850435	7.65	195 3-	1/0 ACSR 6/1	775	685	572	160	752	33	14	0.08	5.72	42
20850437	20850436	7.71	194 3-	1/0 ACSR 6/1	770	680	568	160	751	33	14	0.04	5.76	20
D16-59-P070	20850437	7.71	190 3-	REC-50-H	770	680	568	160	735	32	65	0.00	5.76	0
16590007	D16-59-P070	7.77	190 3-	1/0 ACSR 6/1	764	675	564	159	735	32	14	0.04	5.79	19
D16-59-P040	16590007	7.77	36 1-	REC-35-H	0	0	564	159	110	14	41	0.00	4.57	0
20850426	D16-59-P040	8.06	36 1-	2 ACSR 6/1	0	0	540	158	110	14	8	0.11	4.68	10
20850427	20850426	8.11	35 1-	2 ACSR 6/1	0	0	536	157	107	13	8	0.02	4.70	2
20850639	20850427	8.38	33 1-	2 ACSR 6/1	0	0	515	156	102	13	7	0.10	4.80	8
16590009	20850639	8.52	32 1-	2 ACSR 6/1	0	0	505	155	94	12	7	0.05	4.85	4
16590010	16590009	8.80	32 1-	2 ACSR 6/1	0	0	486	153	94	12	7	0.10	4.95	7
20850255	16590010	8.87	31 1-	2 ACSR 6/1	0	0	482	153	88	11	6	0.02	4.97	1
20850258	20850255	8.94	1 1-	2 ACSR 6/1	0	0	478	152	1	0	0	0.00	4.97	0
20850280	20850258	8.95	1 1-	2 ACSR 6/1	0	0	477	152	1	0	0	0.00	4.97	0
20850257	20850255	8.92	2 1-	2 ACSR 6/1	0	0	478	152	6	0	0	0.00	4.97	0
20850256	20850255	9.06	27 1-	2 ACSR 6/1	0	0	470	152	78	10	6	0.06	5.03	4
D16-58-P011	20850256	9.06	5 1-	FUS	0	0	470	152	11	1	31	0.00	5.03	0
20850477	D16-58-P011	9.35	5 1-	2 ACSR 6/1	0	0	453	150	11	1	1	0.01	5.03	0
16580007	20850477	9.63	4 1-	2 ACSR 6/1	0	0	438	149	7	0	1	0.01	5.04	0
16580008	16580007	9.74	4 1-	2 ACSR 6/1	0	0	432	148	7	0	1	0.00	5.04	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850478	16580008	9.96	2 1-	2 ACSR 6/1	0	0	421	147	0	0	0	0.00	5.04	0
20850479	20850478	10.03	1 1-	2 ACSR 6/1	0	0	417	146	0	0	0	0.00	5.04	0
20850480	20850479	10.12	1 1-	2 ACSR 6/1	0	0	413	146	0	0	0	0.00	5.04	0
16580006	20850480	10.20	1 1-	2 ACSR 6/1	0	0	409	145	0	0	0	0.00	5.04	0
20850432	20850478	10.02	1 1-	2 ACSR 6/1	0	0	418	146	0	0	0	0.00	5.04	0
16580004	20850256	9.54	22 1-	2 ACSR 6/1	0	0	443	149	67	8	5	0.12	5.15	7
16580003	16580004	9.68	21 1-	2 ACSR 6/1	0	0	435	148	64	8	5	0.04	5.18	2
16680015	16580003	9.76	5 1-	2 ACSR 6/1	0	0	431	148	19	2	1	0.00	5.19	0
16680016	16680015	9.83	4 1-	2 ACSR 6/1	0	0	427	147	14	1	1	0.00	5.19	0
D16-68-P010	16680016	9.83	4 1-	SEC-35-GH	0	0	427	147	14	1	0	0.00	5.19	0
16680013	D16-68-P010	10.13	4 1-	2 ACSR 6/1	0	0	413	146	14	1	1	0.02	5.20	0
16680017	16680013	10.25	2 1-	2 ACSR 6/1	0	0	407	145	7	0	1	0.00	5.21	0
16680019	16680017	10.29	1 1-	2 ACSR 6/1	0	0	405	145	4	0	0	0.00	5.21	0
16680012	16680013	10.26	2 1-	2 ACSR 6/1	0	0	406	145	7	0	1	0.00	5.21	0
16680018	16680012	10.71	2 1-	2 ACSR 6/1	0	0	387	143	7	0	1	0.01	5.22	0
16670001	16680018	11.00	1 1-	2 ACSR 6/1	0	0	375	141	2	0	0	0.00	5.22	0
16680020	16680012	10.31	0 1-	2 ACSR 6/1	0	0	404	145	0	0	0	0.00	5.21	0
16680008	16580003	9.78	16 1-	2 ACSR 6/1	0	0	430	148	45	5	3	0.02	5.20	0
D16-68-P015A	16680008	9.78	15 1-	SEC-25-GH	0	0	430	148	39	5	0	0.00	5.20	0
16680014	D16-68-P015A	9.87	15 1-	2 ACSR 6/1	0	0	425	147	39	5	3	0.01	5.21	0
16680022	16680014	9.89	2 1-	2 ACSR 6/1	0	0	424	147	9	1	1	0.00	5.21	0
16680009	16680014	9.95	13 1-	2 ACSR 6/1	0	0	421	147	30	3	2	0.01	5.22	0
16680023	16680009	10.06	1 1-	2 ACSR 6/1	0	0	416	146	3	0	0	0.00	5.22	0
16680010	16680009	10.12	12 1-	2 ACSR 6/1	0	0	413	146	27	3	2	0.02	5.24	0
16680024	16680010	10.30	1 1-	2 ACSR 6/1	0	0	405	145	0	0	0	0.00	5.24	0
16680011	16680010	10.33	11 1-	2 ACSR 6/1	0	0	403	145	27	3	2	0.02	5.26	0
16680026	16680011	10.43	10 1-	2 ACSR 6/1	0	0	399	144	24	3	2	0.01	5.27	0
16690025	16680026	10.59	8 1-	2 ACSR 6/1	0	0	392	143	17	2	1	0.01	5.27	0
20851334	16690025	10.78	7 1-	2 ACSR 6/1	0	0	384	142	14	1	1	0.01	5.28	0
20851335	20851334	10.84	6 1-	2 ACSR 6/1	0	0	382	142	10	1	1	0.00	5.29	0
16790006	20851335	10.90	5 1-	2 ACSR 6/1	0	0	379	142	7	0	1	0.00	5.29	0
16790007	16790006	10.93	4 1-	2 ACSR 6/1	0	0	378	142	5	0	0	0.00	5.29	0
20851476	16790007	11.48	3 1-	2 ACSR 6/1	0	0	357	139	5	0	0	0.01	5.30	0
20851475	20851476	11.56	3 1-	2 ACSR 6/1	0	0	354	139	5	0	0	0.00	5.30	0
D16-78-P008	20851475	11.56	1 1-	FUS	0	0	354	139	1	0	2	0.00	5.30	0
16780001	D16-78-P008	12.00	1 1-	2 ACSR 6/1	0	0	340	137	1	0	0	0.00	5.30	0
20851333	16780001	12.06	0 1-	2 ACSR 6/1	0	0	338	136	0	0	0	0.00	5.30	0
20851336	20851335	10.88	1 1-	2 ACSR 6/1	0	0	380	142	3	0	0	0.00	5.29	0
16680025	16680011	10.46	1 1-	2 ACSR 6/1	0	0	397	144	3	0	0	0.00	5.26	0
16680021	16680008	9.86	1 1-	2 ACSR 6/1	0	0	426	147	6	0	0	0.00	5.20	0
20850433	16580004	9.58	1 1-	2 ACSR 6/1	0	0	440	149	3	0	0	0.00	5.15	0
16590005	16590007	8.03	154 3-	1/0 ACSR 6/1	741	654	546	158	624	27	12	0.15	5.90	75
20850693	16590005	8.08	9 1-	2 ACSR 6/1	0	0	542	158	48	6	4	0.01	9.05	0
20850694	20850693	8.12	8 1-	2 ACSR 6/1	0	0	539	158	38	5	3	0.01	9.06	0
20850644	20850694	8.21	2 1-	2 ACSR 6/1	0	0	532	157	10	1	1	0.00	9.06	0
20850643	20850694	8.28	1 1-	2 ACSR 6/1	0	0	526	157	1	0	0	0.00	9.06	0
20850642	20850694	8.16	1 1-	2 ACSR 6/1	0	0	536	157	6	0	0	0.00	9.06	0
20850641	20850694	8.17	1 1-	2 ACSR 6/1	0	0	535	157	8	1	1	0.00	9.06	0
20850640	20850694	8.20	1 1-	2 ACSR 6/1	0	0	532	157	3	0	0	0.00	9.06	0
20850692	20850694	8.18	1 1-	2 ACSR 6/1	0	0	534	157	6	0	0	0.00	9.06	0
16590008	16590005	8.18	145 3-	1/0 ACSR 6/1	728	642	536	158	575	25	11	0.09	5.96	38
20850662	16590008	8.27	1 1-	2 ACSR 6/1	0	0	529	157	11	1	1	0.00	4.18	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16590006	16590008	8.45	144 3-	1/0 ACSR 6/1	706	622	520	156	564	24	11	0.16	6.06	64
16690020	16590006	8.49	142 3-	1/0 ACSR 6/1	703	619	517	156	556	24	11	0.02	6.08	9
16690021	16690020	8.78	140 3-	1/0 ACSR 6/1	680	599	500	155	555	24	11	0.17	6.19	69
16690016	16690021	8.81	1 1-	2 ACSR 6/1	0	0	498	155	5	0	0	0.00	4.52	0
16690015	16690021	8.82	1 1-	2 ACSR 6/1	0	0	498	155	3	0	0	0.00	9.52	0
16690013	16690021	8.88	138 3-	1/0 ACSR 6/1	673	592	495	155	547	24	11	0.05	6.22	22
16690017	16690013	8.92	4 1-	2 ACSR 6/1	0	0	493	154	16	2	1	0.00	9.58	0
16690018	16690017	8.96	3 1-	2 ACSR 6/1	0	0	490	154	12	1	1	0.00	9.58	0
16690008	16690013	9.00	134 3-	1/0 ACSR 6/1	664	584	488	154	531	23	10	0.07	6.27	27
16690022	16690008	9.06	1 1-	2 ACSR 6/1	0	0	485	154	9	1	1	0.00	9.65	0
16690009	16690008	9.05	1 1-	2 ACSR 6/1	0	0	485	154	4	0	0	0.00	4.65	0
16690019	16690009	9.17	1 1-	2 ACSR 6/1	0	0	478	153	4	0	0	0.00	4.65	0
16690010	16690009	9.19	0 1-	2 ACSR 6/1	0	0	477	153	0	0	0	0.00	4.65	0
16690024	16690010	9.25	0 1-	2 ACSR 6/1	0	0	473	153	0	0	0	0.00	4.65	0
16690023	16690010	9.23	0 1-	2 ACSR 6/1	0	0	474	153	0	0	0	0.00	4.65	0
16690011	16690008	9.09	132 3-	1/0 ACSR 6/1	658	579	484	154	517	22	10	0.05	6.30	18
16690026	16690011	9.19	132 3-	1/0 ACSR 6/1	651	573	479	153	517	22	10	0.06	6.34	20
17620035	16690026	9.30	132 3-	1/0 ACSR 6/1	644	566	473	153	517	22	10	0.06	6.38	23
17620020	17620035	9.35	131 3-	1/0 ACSR 6/1	640	563	470	153	512	22	10	0.03	6.40	11
17620021	17620020	9.40	129 3-	1/0 ACSR 6/1	637	560	468	152	509	22	10	0.03	6.41	9
17620024	17620021	9.47	126 3-	1/0 ACSR 6/1	632	556	465	152	493	21	9	0.04	6.44	14
D17-62-P072	17620024	9.47	7 1-	FUS	0	0	465	152	34	4	105	0.00	9.91	0
17620026	D17-62-P072	9.53	7 1-	2 ACSR 6/1	0	0	461	152	34	4	3	0.01	9.91	0
17620027	17620026	9.62	6 1-	2 ACSR 6/1	0	0	456	151	24	3	2	0.01	9.92	0
17620028	17620027	9.71	6 1-	2 ACSR 6/1	0	0	451	151	24	3	2	0.01	9.93	0
17620029	17620028	9.74	4 1-	2 ACSR 6/1	0	0	450	151	17	2	1	0.00	9.93	0
17620030	17620029	9.78	2 1-	2 ACSR 6/1	0	0	447	150	6	0	0	0.00	9.93	0
20851216	17620030	9.85	1 1-	2 ACSR 6/1	0	0	443	150	4	0	0	0.00	9.93	0
20851133	20851216	10.00	0 1-	2 ACSR 6/1	0	0	436	149	0	0	0	0.00	9.93	0
17620019	20851133	10.07	0 1-	2 ACSR 6/1	0	0	432	149	0	0	0	0.00	9.93	0
17620018	20851133	10.04	0 1-	2 ACSR 6/1	0	0	433	149	0	0	0	0.00	9.93	0
17620025	17620024	9.57	118 3-	1/0 ACSR 6/1	626	550	460	152	452	19	9	0.06	6.47	17
20851144	17620025	9.64	115 3-	1/0 ACSR 6/1	622	547	457	151	441	19	8	0.04	6.49	12
20851354	20851144	9.70	114 3-	1/0 ACSR 6/1	618	543	454	151	435	19	8	0.04	6.51	11
20851355	20851354	9.79	113 3-	1/0 ACSR 6/1	613	538	450	151	429	19	8	0.05	6.53	14
17620033	20851355	9.81	112 3-	1/0 ACSR 6/1	611	537	449	151	423	18	8	0.02	6.54	5
17620034	17620033	9.87	111 3-	1/0 ACSR 6/1	608	534	447	151	416	18	8	0.03	6.55	9
20851356	17620034	9.93	110 3-	1/0 ACSR 6/1	604	531	444	150	406	17	8	0.04	6.57	11
20851357	20851356	9.99	109 3-	1/0 ACSR 6/1	601	528	441	150	403	17	8	0.03	6.59	10
20851358	20851357	10.01	2 1-	2 ACSR 6/1	0	0	440	150	9	1	1	0.00	5.23	0
20851486	20851357	10.02	107 3-	1/0 ACSR 6/1	599	526	440	150	394	17	8	0.02	6.60	4
20851487	20851486	10.05	106 3-	1/0 ACSR 6/1	597	525	439	150	385	17	7	0.02	6.60	4
20851492	20851487	10.10	4 1-	2 ACSR 6/1	0	0	436	150	14	1	1	0.00	10.15	0
20851493	20851492	10.16	3 1-	2 ACSR 6/1	0	0	433	149	8	1	1	0.00	10.15	0
20851494	20851493	10.20	2 1-	2 ACSR 6/1	0	0	431	149	6	0	0	0.00	10.15	0
20851488	20851487	10.11	101 3-	1/0 ACSR 6/1	594	522	436	150	368	16	7	0.04	6.62	9
20851489	20851488	10.21	98 3-	1/0 ACSR 6/1	588	516	432	149	362	16	7	0.06	6.65	16
D17-62-P105	20851489	10.21	98 2-	REC-15-H	0	557	432	149	362	24	161	0.00	7.79	0
20851495	D17-62-P105	10.27	29 1-	2 ACSR 6/1	0	0	429	149	101	13	8	0.02	10.24	2
20851883	20851495	10.31	1 1-	2 ACSR 6/1	0	0	427	149	6	0	0	0.00	10.24	0
20851496	20851495	10.35	27 1-	2 ACSR 6/1	0	0	425	148	87	11	7	0.03	10.26	2
20851885	20851496	10.39	1 1-	2 ACSR 6/1	0	0	423	148	1	0	0	0.00	10.26	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851884	20851496	10.41	1 1-	2 ACSR 6/1	0	0	422	148	4	0	0	0.00	10.26	0
20851737	20851496	10.43	23 1-	2 ACSR 6/1	0	0	421	148	81	11	6	0.02	10.29	2
20851738	20851737	10.51	20 1-	2 ACSR 6/1	0	0	417	148	77	10	6	0.02	10.31	1
20851742	20851738	10.59	18 1-	2 ACSR 6/1	0	0	413	147	66	9	5	0.02	10.33	1
20851744	20851742	10.64	2 1-	2 ACSR 6/1	0	0	411	147	9	1	1	0.00	10.33	0
20851745	20851744	10.70	1 1-	2 ACSR 6/1	0	0	408	147	7	0	0	0.00	10.33	0
20851743	20851742	10.69	14 1-	2 ACSR 6/1	0	0	409	147	53	7	4	0.02	10.35	0
20851916	20851743	10.93	11 1-	2 ACSR 6/1	0	0	398	145	47	6	4	0.04	10.39	1
20852119	20851916	10.98	8 1-	2 ACSR 6/1	0	0	396	145	30	4	2	0.01	10.40	0
20851960	20852119	11.02	7 1-	2 ACSR 6/1	0	0	394	145	23	3	2	0.00	10.40	0
20851970	20851960	11.09	4 1-	2 ACSR 6/1	0	0	391	144	13	1	1	0.00	10.40	0
20851886	20851970	11.21	3 1-	2 ACSR 6/1	0	0	386	144	5	0	0	0.00	10.40	0
20851887	20851886	11.31	2 1-	2 ACSR 6/1	0	0	382	143	2	0	0	0.00	10.40	0
20851736	20851887	11.42	0 1-	2 ACSR 6/1	0	0	377	143	0	0	0	0.00	10.40	0
17630009	20851916	10.95	1 1-	2 ACSR 6/1	0	0	397	145	5	0	0	0.00	10.39	0
17630010	17630009	10.99	1 1-	2 ACSR 6/1	0	0	395	145	5	0	0	0.00	10.39	0
20851775	20851743	10.75	3 1-	2 ACSR 6/1	0	0	406	146	6	0	0	0.00	10.35	0
20851490	D17-62-P105	10.28	69 1-	2 ACSR 6/1	0	0	428	149	261	34	19	0.07	5.43	15
20851491	20851490	10.61	68 1-	2 ACSR 6/1	0	0	413	147	259	34	19	0.31	5.74	66
17720003	20851491	10.85	65 1-	2 ACSR 6/1	0	0	401	146	244	32	18	0.23	5.97	45
17720004	17720003	11.08	65 1-	2 ACSR 6/1	0	0	392	145	244	32	18	0.21	6.17	42
20852012	17720004	11.15	56 1-	2 ACSR 6/1	0	0	388	144	205	27	15	0.05	6.23	9
20852013	20852012	11.22	54 1-	2 ACSR 6/1	0	0	386	144	191	25	14	0.05	6.28	7
20852014	20852013	11.25	35 1-	2 ACSR 6/1	0	0	384	144	126	16	9	0.02	6.29	2
20852319	20852014	11.29	4 1-	2 ACSR 6/1	0	0	383	143	18	2	1	0.00	6.29	0
17720002	20852014	11.29	31 1-	2 ACSR 6/1	0	0	383	143	108	14	8	0.01	6.31	1
20852202	17720002	11.36	28 1-	2 ACSR 6/1	0	0	380	143	99	13	7	0.03	6.33	2
17720005	20852202	11.49	27 1-	2 ACSR 6/1	0	0	375	142	96	12	7	0.05	6.38	4
17820001	17720005	12.33	27 1-	2 ACSR 6/1	0	0	345	138	96	12	7	0.30	6.68	24
20852218	17820001	12.39	25 1-	2 ACSR 6/1	0	0	343	138	90	11	7	0.02	6.71	2
20852219	20852218	12.48	24 1-	2 ACSR 6/1	0	0	340	138	89	11	7	0.03	6.73	2
20852220	20852219	12.55	4 1-	2 ACSR 6/1	0	0	338	137	10	1	1	0.00	6.74	0
17920002	20852219	12.56	20 1-	2 ACSR 6/1	0	0	337	137	79	10	6	0.02	6.76	2
17920003	17920002	12.62	8 1-	2 ACSR 6/1	0	0	336	137	28	3	2	0.01	6.76	0
17920004	17920003	12.67	6 1-	2 ACSR 6/1	0	0	334	137	16	2	1	0.00	6.77	0
17920014	17920004	12.71	5 1-	2 ACSR 6/1	0	0	333	136	16	2	1	0.00	6.77	0
17920005	17920014	12.75	3 1-	2 ACSR 6/1	0	0	332	136	11	1	1	0.00	6.77	0
17920006	17920005	12.80	2 1-	2 ACSR 6/1	0	0	330	136	6	0	0	0.00	6.77	0
17920007	17920002	12.64	12 1-	2 ACSR 6/1	0	0	335	137	51	6	4	0.02	6.77	0
17920011	17920007	12.75	6 1-	2 ACSR 6/1	0	0	332	136	27	3	2	0.01	6.78	0
17920012	17920011	12.91	2 1-	2 ACSR 6/1	0	0	327	136	13	1	1	0.00	6.79	0
17920009	17920007	12.68	3 1-	2 ACSR 6/1	0	0	334	137	13	1	1	0.00	6.78	0
17920010	17920009	12.70	3 1-	2 ACSR 6/1	0	0	333	136	13	1	1	0.00	6.78	0
17920013	17920010	12.75	1 1-	2 ACSR 6/1	0	0	332	136	6	0	0	0.00	6.78	0
17920008	17920007	12.73	2 1-	2 ACSR 6/1	0	0	332	136	3	0	0	0.00	6.77	0
20852217	17820001	12.36	2 1-	2 ACSR 6/1	0	0	344	138	6	0	0	0.00	6.69	0
20852015	20852013	11.26	6 1-	2 ACSR 6/1	0	0	384	144	24	3	2	0.00	6.28	0
20852016	20852015	11.29	5 1-	2 ACSR 6/1	0	0	383	143	17	2	1	0.00	6.28	0
20852017	20852013	11.30	11 1-	2 ACSR 6/1	0	0	382	143	34	4	3	0.01	6.29	0
20852201	20852017	11.33	9 1-	2 ACSR 6/1	0	0	381	143	25	3	2	0.00	6.29	0
20852215	20852201	11.38	7 1-	2 ACSR 6/1	0	0	379	143	22	2	2	0.00	6.29	0
20852216	20852215	11.44	5 1-	2 ACSR 6/1	0	0	377	143	14	1	1	0.00	6.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852250	20852216	11.51	4 1-	2 ACSR 6/1	0	0	374	142	9	1	1	0.00	6.30	0
20852210	20852250	11.59	2 1-	2 ACSR 6/1	0	0	371	142	3	0	0	0.00	6.30	0
20852211	20852210	11.66	2 1-	2 ACSR 6/1	0	0	369	142	3	0	0	0.00	6.30	0
20852212	20852211	11.74	2 1-	2 ACSR 6/1	0	0	365	141	3	0	0	0.00	6.30	0
20852213	20852212	11.84	0 1-	2 ACSR 6/1	0	0	362	141	0	0	0	0.00	6.30	0
17830002	20852210	11.79	0 1-	2 ACSR 6/1	0	0	364	141	0	0	0	0.00	6.30	0
20852200	20852017	11.34	1 1-	2 ACSR 6/1	0	0	381	143	8	1	1	0.00	6.29	0
20851973	17720004	11.19	9 1-	2 ACSR 6/1	0	0	387	144	39	5	3	0.01	6.19	0
20851976	20851973	11.22	5 1-	2 ACSR 6/1	0	0	385	144	18	2	1	0.00	6.19	0
20851977	20851976	11.26	3 1-	2 ACSR 6/1	0	0	384	144	9	1	1	0.00	6.19	0
20852214	20851977	11.39	2 1-	2 ACSR 6/1	0	0	379	143	7	0	0	0.00	6.19	0
20851974	20851973	11.24	3 1-	2 ACSR 6/1	0	0	385	144	18	2	1	0.00	6.19	0
20851975	20851974	11.28	2 1-	2 ACSR 6/1	0	0	383	143	13	1	1	0.00	6.19	0
20851971	20851491	10.62	3 1-	2 ACSR 6/1	0	0	412	147	14	1	1	0.00	5.74	0
20851972	20851971	10.67	2 1-	2 ACSR 6/1	0	0	410	147	13	1	1	0.00	5.74	0
20851143	17620025	9.60	3 1-	2 ACSR 6/1	0	0	458	152	11	1	1	0.00	9.95	0
17620023	17620021	9.43	3 1-	2 ACSR 6/1	0	0	466	152	16	2	1	0.00	9.87	0
17620022	17620021	9.43	0 1-	2 ACSR 6/1	0	0	466	152	0	0	0	0.00	4.87	0
16690012	16690021	8.80	0 1-	2 ACSR 6/1	0	0	499	155	0	0	0	0.00	9.52	0
16690014	16590006	8.51	2 1-	2 ACSR 6/1	0	0	515	156	7	0	1	0.00	4.34	0
20850422	20850437	7.83	4 1-	2 ACSR 6/1	0	0	558	159	16	2	1	0.01	4.56	0
20850423	20850422	7.96	4 1-	2 ACSR 6/1	0	0	547	158	16	2	1	0.01	4.57	0
20850425	20850423	8.00	1 1-	2 ACSR 6/1	0	0	543	158	5	0	0	0.00	4.57	0
20850424	20850423	8.03	1 1-	2 ACSR 6/1	0	0	541	158	2	0	0	0.00	4.57	0
20850883	20850470	6.63	5 1-	2 ACSR 6/1	0	0	657	164	7	0	0	0.00	8.07	0
20850884	20850883	6.67	5 1-	2 ACSR 6/1	0	0	652	164	7	0	0	0.00	8.07	0
20850469	20850468	6.40	4 1-	2 ACSR 6/1	0	0	680	165	10	1	1	0.00	7.83	0
20850784	20850783	5.91	3 1-	2 ACSR 6/1	0	0	727	167	4	0	0	0.00	7.44	0
20850967	20850784	5.96	1 1-	2 ACSR 6/1	0	0	719	167	2	0	0	0.00	7.44	0
20850283	20850161	5.23	1 3-	4/0 ACSR 6/1	1064	948	803	169	1	0	0	0.00	4.57	0
20850289	20850481	5.23	2 3-	15 KV 2 URD XLP	1063	948	802	356	6	0	0	0.00	4.23	0
20850275	20850289	5.37	1 1-	15 KV 2 URD XLP	0	0	778	350	0	0	0	0.00	2.52	0
20850288	20850481	5.02	0 1-	15 KV 2 URD XLP	0	0	828	363	0	0	0	0.00	2.52	0
17220035	17220028	3.79	0 1-	2 ACSR 6/1	0	0	1031	177	0	0	0	0.00	1.78	0
20850060	20850059	2.99	2 1-	2 ACSR 6/1	0	0	1273	181	8	1	1	0.00	2.13	0
17230004	20850060	3.06	1 1-	2 ACSR 6/1	0	0	1244	181	0	0	0	0.00	2.13	0
17230003	20850060	3.08	1 1-	2 ACSR 6/1	0	0	1234	181	8	1	1	0.00	2.13	0
17130008	17120024	2.76	1 1-	2 ACSR 6/1	0	0	1364	183	8	1	1	0.00	1.43	0
17130007	17120024	2.80	1 1-	2 ACSR 6/1	0	0	1348	182	4	0	0	0.00	3.88	0
17120012	17120010	1.36	4 1-	2 ACSR 6/1	0	0	2324	190	18	2	1	0.00	0.75	0
17120014	17120012	1.40	1 1-	2 ACSR 6/1	0	0	2270	190	2	0	0	0.00	0.75	0
17120013	17120012	1.40	2 1-	2 ACSR 6/1	0	0	2264	190	5	0	0	0.00	0.75	0
17120011	17120010	1.37	2 1-	2 ACSR 6/1	0	0	2306	190	11	1	1	0.00	0.75	0
17120009	17020015	1.16	1 1-	2 ACSR 6/1	0	0	2572	191	9	1	1	0.00	0.71	0
17120008	17020015	1.14	1 1-	2 ACSR 6/1	0	0	2611	191	5	0	0	0.00	0.64	0
17020014	17020031	1.30	0 1-	2 ACSR 6/1	0	0	2349	190	0	0	0	0.00	1.33	0
17020025	17020029	1.05	2 3-	1/0 ACSR 6/1	3220	3067	2752	192	197	8	4	0.01	0.79	1
17020170	17020025	1.05	2 3-	Consumer	3220	3067	2752	192	197	8	0	0.00	0.79	0
17020026	17020025	1.12	0 3-	1/0 ACSR 6/1	3110	2952	2636	191	0	0	0	0.00	0.79	0
17020011	17020026	1.24	0 3-	1/0 ACSR 6/1	2957	2792	2477	191	0	0	0	0.00	0.79	0
17020010	17020011	1.25	0 3-	1/0 ACSR 6/1	2945	2779	2465	191	0	0	0	0.00	0.79	0
NEW LP6	17020029	0.98	1 3-	Consumer	3321	3175	2863	192	0	0	0	0.00	0.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CKT 3 total losses:		\$8,965												
SUB 53, CKT 4														
BK5304	HINKLE(53)	0.00	327 3-	BK5304	5101	5199	5367	196	1288	54 29	0.00	0.00	0.00	0
11920022	BK5304	0.03	327 3-	4/0 ACSR 6/1	5026	5113	5236	196	1288	54 16	0.00	0.01	0.13	13
11920023	11920022	0.49	327 3-	4/0 ACSR 6/1	4045	3985	3726	194	1288	54 16	0.07	0.23	209	209
10890076	11920023	0.57	327 3-	4/0 ACSR 6/1	3906	3830	3540	194	1286	54 16	0.01	0.26	37	37
D10-89-P005	10890076	0.57	21 1-	FUS-50	0	0	3540	194	64	8 17	0.00	0.09	0	0
10890066	D10-89-P005	0.70	21 1-	2 ACSR 6/1	0	0	3197	193	64	8 4	0.03	0.12	1	1
10990019	10890066	0.74	19 1-	2 ACSR 6/1	0	0	3101	193	61	7 4	0.01	0.13	0	0
10990020	10990019	0.77	3 1-	2 ACSR 6/1	0	0	3034	192	7	0 0	0.00	0.13	0	0
10990028	10990019	0.79	16 1-	2 ACSR 6/1	0	0	3012	192	54	6 4	0.01	0.14	0	0
10990030	10990028	0.84	1 1-	2 ACSR 6/1	0	0	2894	192	0	0 0	0.00	0.14	0	0
10990029	10990028	0.82	15 1-	2 ACSR 6/1	0	0	2939	192	54	6 4	0.01	0.14	0	0
10990021	10990029	0.88	13 1-	2 ACSR 6/1	0	0	2812	191	49	6 3	0.01	0.15	0	0
10990024	10990021	0.92	11 1-	2 ACSR 6/1	0	0	2741	191	38	4 3	0.00	0.16	0	0
10990018	10990024	0.97	1 1-	2 ACSR 6/1	0	0	2658	191	9	1 1	0.00	0.16	0	0
10990017	10990024	0.95	5 1-	2 ACSR 6/1	0	0	2682	191	20	2 1	0.00	0.16	0	0
10990023	10990017	1.00	3 1-	2 ACSR 6/1	0	0	2608	191	13	1 1	0.00	0.16	0	0
10990022	10990023	1.06	2 1-	2 ACSR 6/1	0	0	2510	190	8	1 1	0.00	0.16	0	0
10890061	10890076	0.61	1 1-	2 ACSR 6/1	0	0	3417	194	6	0 0	0.00	0.36	0	0
10890062	10890076	0.63	303 3-	4/0 ACSR 6/1	3813	3726	3418	194	1213	51 15	0.00	0.29	25	25
10890063	10890062	0.71	299 3-	4/0 ACSR 6/1	3681	3581	3251	194	1208	50 15	0.00	0.33	37	37
10890065	10890063	0.78	297 3-	4/0 ACSR 6/1	3579	3470	3125	193	1205	50 15	0.00	0.36	30	30
10890041	10890065	0.83	295 3-	4/0 ACSR 6/1	3509	3393	3039	193	1194	50 15	0.00	0.38	21	21
10890042	10890041	0.92	295 3-	4/0 ACSR 6/1	3400	3276	2910	193	1194	50 15	0.00	0.42	35	35
10890043	10890042	1.00	294 3-	4/0 ACSR 6/1	3297	3166	2791	193	1191	50 15	0.00	0.45	35	35
10890044	10890043	1.08	293 3-	4/0 ACSR 6/1	3207	3071	2699	192	1188	50 15	0.00	0.48	32	32
10890045	10890044	1.11	292 3-	4/0 ACSR 6/1	3167	3028	2644	192	1188	50 15	0.00	0.50	15	15
10890046	10890045	1.18	291 3-	4/0 ACSR 6/1	3095	2953	2565	192	1185	50 15	0.00	0.53	27	27
10890047	10890046	1.32	290 3-	4/0 ACSR 6/1	2949	2800	2407	191	1184	50 15	0.01	0.59	60	60
10890059	10890047	1.47	289 3-	4/0 ACSR 6/1	2811	2658	2263	191	1181	49 15	0.01	0.65	61	61
10890085	10890059	1.48	0 1-	2 ACSR 6/1	0	0	2256	191	0	0 0	0.00	0.13	0	0
10890060	10890059	1.64	288 3-	4/0 ACSR 6/1	2668	2512	2118	190	1177	49 15	0.01	0.72	69	69
10880070	10890060	1.72	183 3-	1/0 ACSR 6/1	2594	2435	2048	190	764	32 14	0.00	0.76	33	33
10880071	10880070	1.83	181 3-	1/0 ACSR 6/1	2491	2330	1954	189	763	32 14	0.01	0.82	48	48
10880044	10880071	1.90	179 3-	1/0 ACSR 6/1	2428	2266	1898	189	749	31 14	0.00	0.86	29	29
10880046	10880044	1.98	168 3-	1/0 ACSR 6/1	2365	2203	1842	189	705	29 13	0.00	0.89	30	30
10880054	10880046	2.13	165 3-	1/0 ACSR 6/1	2246	2082	1738	188	686	29 13	0.01	0.96	57	57
10880055	10880054	2.27	160 3-	1/0 ACSR 6/1	2152	1989	1657	187	672	28 12	0.00	1.02	49	49
10880097	10880055	2.32	158 3-	1/0 ACSR 6/1	2115	1952	1625	187	661	28 12	0.00	1.04	20	20
10880068	10880097	2.38	30 1-	2 ACSR 6/1	0	0	1585	186	155	19 11	0.03	1.77	4	4
10880069	10880068	2.42	1 1-	2 ACSR 6/1	0	0	1563	186	11	1 1	0.00	1.77	0	0
10880067	10880068	2.46	1 1-	2 ACSR 6/1	0	0	1539	186	2	0 0	0.00	1.77	0	0
10880091	10880068	2.49	27 1-	2 ACSR 6/1	0	0	1519	185	140	17 10	0.06	1.83	6	6
D10-88-P015	10880091	2.49	27 1-	REC-70-L	0	0	1519	185	140	17 26	0.00	1.83	0	0
10880090	D10-88-P015	2.55	27 1-	2 ACSR 6/1	0	0	1486	185	140	17 10	0.03	1.85	3	3
10890088	10880090	2.60	15 1-	2 ACSR 6/1	0	0	1458	185	68	8 5	0.01	1.87	0	0
10890089	10890088	2.64	14 1-	2 ACSR 6/1	0	0	1435	184	60	7 4	0.01	1.88	0	0
10890027	10890089	2.72	13 1-	2 ACSR 6/1	0	0	1394	184	58	7 4	0.02	1.89	0	0
10890053	10890027	2.77	12 1-	2 ACSR 6/1	0	0	1369	183	54	6 4	0.01	1.90	0	0
10890054	10890053	2.84	8 1-	2 ACSR 6/1	0	0	1335	183	44	5 3	0.01	1.91	0	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10890055	10890054	2.90	6 1-	2 ACSR 6/1	0	0	1308	182	30	3	2	0.01	1.92	0
10890058	10890055	2.98	2 1-	2 ACSR 6/1	0	0	1274	182	10	1	1	0.00	1.92	0
10890057	10890055	2.94	1 1-	2 ACSR 6/1	0	0	1290	182	10	1	1	0.00	1.92	0
10890056	10890055	2.93	1 1-	2 ACSR 6/1	0	0	1295	182	2	0	0	0.00	1.92	0
10890052	10890027	2.84	1 1-	2 ACSR 6/1	0	0	1339	183	4	0	0	0.00	1.89	0
10890048	10890089	2.73	1 1-	2 ACSR 6/1	0	0	1391	184	3	0	0	0.00	1.88	0
10890051	10880090	2.68	2 1-	2 ACSR 6/1	0	0	1418	184	14	1	1	0.00	1.86	0
10890049	10880090	2.61	10 1-	2 ACSR 6/1	0	0	1451	184	58	7	4	0.01	1.87	0
10880072	10890049	2.67	8 1-	2 ACSR 6/1	0	0	1418	184	43	5	3	0.01	1.87	0
10880093	10880072	2.80	3 1-	2 ACSR 6/1	0	0	1357	183	21	2	1	0.01	1.88	0
10880094	10880093	2.87	2 1-	2 ACSR 6/1	0	0	1321	182	15	1	1	0.00	1.89	0
10780115	10880094	2.99	1 1-	2 ACSR 6/1	0	0	1270	182	8	1	1	0.00	1.89	0
10880095	10880093	2.88	1 1-	2 ACSR 6/1	0	0	1317	182	6	0	0	0.00	1.88	0
10880063	10880072	2.71	1 1-	2 ACSR 6/1	0	0	1400	184	1	0	0	0.00	1.87	0
10880062	10880072	2.70	3 1-	2 ACSR 6/1	0	0	1404	184	13	1	1	0.00	1.88	0
10880064	10880097	2.44	127 3-	1/0 ACSR 6/1	2040	1877	1561	186	506	21	9	0.02	1.08	20
10880065	10880064	2.48	125 3-	1/0 ACSR 6/1	2016	1854	1541	186	498	21	9	0.01	1.09	7
10880096	10880065	2.55	1 3- 15	KV 2 URD XLP	1979	1818	1513	442	0	0	0	0.00	1.09	0
10880066	10880065	2.50	123 3-	1/0 ACSR 6/1	2006	1844	1533	186	489	20	9	0.00	1.10	3
10880059	10880066	2.54	122 3-	1/0 ACSR 6/1	1977	1816	1509	185	483	20	9	0.01	1.12	8
10880060	10880059	2.60	121 3-	1/0 ACSR 6/1	1947	1786	1483	185	481	20	9	0.01	1.13	9
10880034	10880060	2.64	120 3-	1/0 ACSR 6/1	1920	1760	1461	185	473	20	9	0.01	1.15	8
D10-88-P112	10880034	2.64	120 3-	REC-70-L	1920	1760	1461	185	473	20	29	0.00	1.15	0
10880042	D10-88-P112	2.74	120 3-	1/0 ACSR 6/1	1867	1709	1418	184	473	20	9	0.02	1.18	16
10780151	10880042	2.81	119 3-	1/0 ACSR 6/1	1832	1675	1389	184	472	20	9	0.01	1.20	11
10780153	10780151	3.11	113 3-	1/0 ACSR 6/1	1693	1540	1276	183	453	19	8	0.06	1.29	44
10780154	10780153	3.22	112 3-	1/0 ACSR 6/1	1645	1494	1237	182	445	18	8	0.02	1.32	17
10780117	10780154	3.29	111 3-	1/0 ACSR 6/1	1616	1466	1214	182	442	18	8	0.01	1.34	10
10780125	10780117	3.33	110 3-	1/0 ACSR 6/1	1600	1451	1201	181	441	18	8	0.01	1.35	6
D10-78-P026	10780125	3.33	20 1-	FUS-40	0	0	1201	181	79	10	28	0.00	0.34	0
10780148	D10-78-P026	3.44	20 1-	2 ACSR 6/1	0	0	1162	181	79	10	6	0.03	0.37	2
10780105	10780148	3.54	15 1-	2 ACSR 6/1	0	0	1127	180	63	7	4	0.02	0.39	0
10780102	10780105	3.60	9 1-	2 ACSR 6/1	0	0	1108	179	39	4	3	0.01	0.40	0
10780103	10780102	3.64	9 1-	2 ACSR 6/1	0	0	1095	179	39	4	3	0.00	0.41	0
10780149	10780103	3.68	5 1-	2 ACSR 6/1	0	0	1081	179	22	2	2	0.00	0.41	0
10780150	10780149	3.75	1 1-	2 ACSR 6/1	0	0	1061	178	8	0	1	0.00	0.41	0
10780100	10780103	3.70	1 1-	2 ACSR 6/1	0	0	1076	179	3	0	0	0.00	0.41	0
10780101	10780103	3.70	1 1-	2 ACSR 6/1	0	0	1076	179	4	0	0	0.00	0.41	0
10780143	10780105	3.60	3 1-	2 ACSR 6/1	0	0	1109	179	12	1	1	0.00	0.40	0
10780144	10780143	3.63	2 1-	2 ACSR 6/1	0	0	1099	179	10	1	1	0.00	0.40	0
10780126	10780148	3.53	1 1-	2 ACSR 6/1	0	0	1132	180	6	0	0	0.00	0.37	0
10780124	10780125	3.41	2 1-	2 ACSR 6/1	0	0	1171	181	7	0	0	0.00	2.41	0
10780123	10780125	3.40	1 1-	2 ACSR 6/1	0	0	1174	181	1	0	0	0.00	2.41	0
10780122	10780125	3.41	85 3-	1/0 ACSR 6/1	1570	1422	1177	181	350	14	6	0.00	1.37	9
10780095	10780122	3.46	82 3-	1/0 ACSR 6/1	1550	1403	1161	181	342	14	6	0.00	1.38	6
10780104	10780095	3.51	3 1-	2 ACSR 6/1	0	0	1143	180	13	1	1	0.00	0.34	0
10780094	10780095	3.50	4 1-	2 ACSR 6/1	0	0	1149	180	27	3	2	0.00	2.49	0
10780093	10780095	3.54	74 3-	1/0 ACSR 6/1	1523	1377	1140	180	300	12	6	0.00	1.40	6
10780147	10780093	3.62	70 3-	1/0 ACSR 6/1	1494	1349	1117	180	293	12	5	0.00	1.41	7
D10-78-P010	10780147	3.62	25 1-	FUS-40	0	0	1117	180	108	13	39	0.00	2.58	0
10780108	D10-78-P010	3.64	25 1-	2 ACSR 6/1	0	0	1109	180	108	13	8	0.01	2.59	0
10780109	10780108	3.79	22 1-	2 ACSR 6/1	0	0	1063	179	98	12	7	0.05	2.64	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10780110	10780109	3.87	2 1-	2 ACSR 6/1	0	0	1041	178	4	0	0	0.00	2.64	0
10780046	10780109	3.86	18 1-	2 ACSR 6/1	0	0	1042	178	86	11	6	0.02	2.66	2
10780075	10780046	4.12	16 1-	2 ACSR 6/1	0	0	974	176	78	9	6	0.07	2.73	4
10680094	10780075	4.18	6 1-	2 ACSR 6/1	0	0	958	176	31	4	2	0.01	2.74	0
10680105	10680094	4.21	5 1-	2 ACSR 6/1	0	0	951	176	26	3	2	0.00	2.74	0
10680107	10680105	4.30	3 1-	2 ACSR 6/1	0	0	929	175	16	2	1	0.00	2.74	0
10680108	10680107	4.39	1 1-	2 ACSR 6/1	0	0	910	174	8	1	1	0.00	2.74	0
10680110	10680108	4.55	0 1-	2 ACSR 6/1	0	0	876	173	0	0	0	0.00	2.74	0
10680109	10680108	4.49	1 1-	2 ACSR 6/1	0	0	888	174	8	1	1	0.00	2.75	0
10680106	10680105	4.27	1 1-	2 ACSR 6/1	0	0	937	175	3	0	0	0.00	2.74	0
10680093	10780075	4.16	9 1-	2 ACSR 6/1	0	0	964	176	40	5	3	0.01	2.73	0
10680091	10680093	4.21	8 1-	2 ACSR 6/1	0	0	950	175	35	4	2	0.01	2.74	0
10680092	10680091	4.27	6 1-	2 ACSR 6/1	0	0	937	175	23	2	2	0.00	2.75	0
10680090	10680092	4.34	5 1-	2 ACSR 6/1	0	0	922	175	22	2	2	0.00	2.75	0
10680086	10680090	4.37	4 1-	2 ACSR 6/1	0	0	913	174	16	2	1	0.00	2.75	0
10680088	10680086	4.44	1 1-	2 ACSR 6/1	0	0	898	174	6	0	0	0.00	2.75	0
10680087	10680086	4.50	1 1-	2 ACSR 6/1	0	0	885	173	3	0	0	0.00	2.75	0
10680089	10680092	4.34	0 1-	2 ACSR 6/1	0	0	920	175	0	0	0	0.00	2.75	0
10680083	10680093	4.22	1 1-	2 ACSR 6/1	0	0	948	175	5	0	0	0.00	2.74	0
10780071	10780046	3.93	2 1-	2 ACSR 6/1	0	0	1024	178	8	1	1	0.00	2.66	0
10680082	10780071	4.00	1 1-	2 ACSR 6/1	0	0	1004	177	5	0	0	0.00	2.66	0
10780113	10780147	3.68	14 1-	2 ACSR 6/1	0	0	1098	179	54	6	4	0.01	0.35	0
10780112	10780113	3.71	8 1-	2 ACSR 6/1	0	0	1088	179	32	4	2	0.00	0.35	0
10780077	10780112	3.74	7 1-	2 ACSR 6/1	0	0	1080	179	28	3	2	0.00	0.35	0
10780145	10780077	3.79	5 1-	2 ACSR 6/1	0	0	1064	179	18	2	1	0.00	0.36	0
10780146	10780145	3.87	4 1-	2 ACSR 6/1	0	0	1040	178	11	1	1	0.00	0.36	0
10780091	10780146	3.92	1 1-	2 ACSR 6/1	0	0	1025	178	2	0	0	0.00	0.36	0
10780082	10780146	3.91	2 1-	2 ACSR 6/1	0	0	1030	178	5	0	0	0.00	0.36	0
10780078	10780077	3.79	2 1-	2 ACSR 6/1	0	0	1063	179	10	1	1	0.00	0.36	0
10780114	10780113	3.70	2 1-	2 ACSR 6/1	0	0	1090	179	14	1	1	0.00	0.35	0
10780099	10780147	3.66	31 3-	1/0 ACSR 6/1	1479	1335	1105	180	131	5	2	0.00	1.42	0
10780098	10780099	3.74	30 3-	1/0 ACSR 6/1	1452	1310	1084	179	130	5	2	0.00	1.42	1
10780097	10780098	3.78	2 1-	2 ACSR 6/1	0	0	1073	179	6	0	0	0.00	0.33	0
10780155	10780098	3.86	28 3-	1/0 ACSR 6/1	1415	1275	1055	179	124	5	2	-0.01	1.43	2
10780156	10780155	3.89	26 3-	1/0 ACSR 6/1	1406	1266	1048	178	117	4	2	0.00	1.43	0
10680143	10780156	3.94	3 1-	2 ACSR 6/1	0	0	1033	178	4	0	0	0.00	0.32	0
10680159	10780156	4.00	23 3-	1/0 ACSR 6/1	1373	1236	1022	178	112	4	2	-0.01	1.44	2
10680136	10680159	4.06	13 1-	2 ACSR 6/1	0	0	1005	177	64	8	5	0.01	2.68	0
10680137	10680136	4.08	11 1-	2 ACSR 6/1	0	0	999	177	52	6	4	0.00	2.68	0
D10-68-P133	10680137	4.08	11 1-	RBC-70-L	0	0	999	177	52	6	10	0.00	2.68	0
10680139	D10-68-P133	4.11	11 1-	2 ACSR 6/1	0	0	992	177	52	6	4	0.00	2.69	0
10680140	10680139	4.16	3 1-	2 ACSR 6/1	0	0	981	177	3	0	0	0.00	2.69	0
10680138	10680139	4.19	5 1-	2 ACSR 6/1	0	0	972	176	32	4	2	0.01	2.70	0
10680141	10680138	4.24	0 1-	2 ACSR 6/1	0	0	959	176	0	0	0	0.00	2.70	0
10680142	10680138	4.30	5 1-	2 ACSR 6/1	0	0	946	176	32	4	2	0.01	2.71	0
10680126	10680142	4.34	4 1-	2 ACSR 6/1	0	0	935	175	27	3	2	0.00	2.71	0
10780092	10680126	4.35	3 1-	2 ACSR 6/1	0	0	933	175	21	2	2	0.00	2.71	0
10780096	10780092	4.38	2 1-	2 ACSR 6/1	0	0	927	175	11	1	1	0.00	2.71	0
10680135	10680159	4.13	8 3-	1/0 ACSR 6/1	1336	1201	993	177	48	2	1	0.00	1.45	0
10680132	10680135	4.18	5 3-	1/0 ACSR 6/1	1321	1187	982	177	33	1	1	0.00	1.45	0
D10-68-P109	10680132	4.18	5 1-	FUS	0	0	982	177	33	4	96	0.00	2.68	0
10680166	D10-68-P109	4.21	5 1-	2 ACSR 6/1	0	0	976	177	33	4	2	0.00	2.68	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10680128	10680166	4.23	1 1-	2 ACSR 6/1	0	0	971	177	7	0	0	0.00	2.68	0
10680131	10680166	4.24	4 1-	2 ACSR 6/1	0	0	968	177	26	3	2	0.00	2.68	0
10680165	10680131	4.32	1 1-	2 ACSR 6/1	0	0	948	176	9	1	1	0.00	2.69	0
10680157	10680132	4.24	0 3-	1/0 ACSR 6/1	1306	1173	970	177	0	0	0	0.00	1.45	0
10-68-P069-B	10680157	4.24	0 3-	Open	1306	1173	970	177	0	0	0	0.00	1.45	0
10780047	10780098	3.78	0 1-	2 ACSR 6/1	0	0	1073	179	0	0	0	0.00	1.33	0
10-78-P248-A	10780047	3.78	0 1-	Open	0	0	1073	179	0	0	0	0.00	1.33	0
10780152	10780151	2.93	6 3-	1/0 ACSR 6/1	1775	1619	1342	183	19	0	0	0.00	1.20	0
10780158	10780152	3.10	2 3-	1/0 ACSR 6/1	1695	1541	1277	183	1	0	0	0.00	1.20	0
10780157	10780158	3.20	2 3-	1/0 ACSR 6/1	1653	1501	1243	182	1	0	0	0.00	1.20	0
10780049	10780157	3.35	1 3-	1/0 ACSR 6/1	1593	1444	1196	181	1	0	0	0.00	1.20	0
10770165	10780049	3.39	0 3-	1/0 ACSR 6/1	1576	1428	1182	181	0	0	0	0.00	1.20	0
10-77-P209-B	10770165	3.39	0 3-	Open	1576	1428	1182	181	0	0	0	0.00	1.20	0
10780116	10780152	2.95	4 1-	2 ACSR 6/1	0	0	1332	183	18	2	1	0.00	2.08	0
10780127	10780116	2.99	1 1-	2 ACSR 6/1	0	0	1315	183	6	0	0	0.00	2.08	0
10880061	10880060	2.65	1 1-	2 ACSR 6/1	0	0	1457	185	8	0	1	0.00	1.93	0
10880052	10880046	2.04	3 1-	2 ACSR 6/1	0	0	1791	188	19	2	1	0.00	1.37	0
10880053	10880052	2.13	2 1-	2 ACSR 6/1	0	0	1721	187	12	1	1	0.00	1.37	0
10880045	10880044	1.96	8 1-	2 ACSR 6/1	0	0	1845	188	38	4	3	0.01	1.14	0
10880047	10880045	2.00	4 1-	2 ACSR 6/1	0	0	1818	188	14	1	1	0.00	1.14	0
10880048	10880047	2.04	2 1-	2 ACSR 6/1	0	0	1783	188	3	0	0	0.00	1.14	0
10880050	10880045	2.01	3 1-	2 ACSR 6/1	0	0	1810	188	19	2	1	0.00	1.15	0
10880051	10880050	2.05	2 1-	2 ACSR 6/1	0	0	1779	188	13	1	1	0.00	1.15	0
10880049	10880045	2.02	1 1-	2 ACSR 6/1	0	0	1803	188	4	0	0	0.00	1.14	0
10880043	10880071	1.86	1 1-	2 ACSR 6/1	0	0	1931	189	9	1	1	0.00	1.21	0
10880038	10890060	1.75	104 3-	2 ACSR 6/1	2546	2382	2004	189	410	17	10	0.03	0.77	22
D10-88-P116	10880038	1.75	9 1-	FUS-50	0	0	2004	189	42	5	12	0.00	0.17	0
10880092	D10-88-P116	1.77	9 1-	2 ACSR 6/1	0	0	1985	189	42	5	3	0.00	0.17	0
10880041	10880092	1.81	8 1-	2 ACSR 6/1	0	0	1952	189	34	4	2	0.00	0.17	0
10880088	10880041	1.83	1 1-	2 ACSR 6/1	0	0	1926	189	9	1	1	0.00	0.17	0
10880089	10880088	1.89	0 1-	2 ACSR 6/1	0	0	1879	188	0	0	0	0.00	0.17	0
10880056	10880041	1.85	4 1-	2 ACSR 6/1	0	0	1908	189	16	2	1	0.00	0.18	0
10880058	10880056	1.89	1 1-	2 ACSR 6/1	0	0	1873	188	7	0	1	0.00	0.18	0
10880057	10880056	1.90	1 1-	2 ACSR 6/1	0	0	1869	188	5	0	0	0.00	0.18	0
10880074	10880056	1.90	2 1-	2 ACSR 6/1	0	0	1868	188	3	0	0	0.00	0.18	0
10880073	10880092	1.79	1 1-	2 ACSR 6/1	0	0	1969	189	8	1	1	0.00	0.17	0
10880087	10880038	1.82	91 3-	2 ACSR 6/1	2476	2309	1941	189	353	14	8	0.01	0.79	12
D10-98-P087	10880087	1.82	91 3-	REC-70-L	2476	2309	1941	189	353	14	21	0.00	0.79	0
10980064	D10-98-P087	1.84	91 3-	2 ACSR 6/1	2451	2283	1918	189	353	14	8	0.00	0.80	5
10980059	10980064	1.90	80 3-	2 ACSR 6/1	2397	2227	1871	188	313	13	7	0.01	0.82	9
10980060	10980059	2.02	78 3-	2 ACSR 6/1	2279	2105	1768	187	309	13	7	0.02	0.86	21
10980040	10980060	2.05	75 3-	2 ACSR 6/1	2255	2081	1747	187	295	12	7	0.00	0.87	4
10980039	10980040	2.07	73 3-	2 ACSR 6/1	2238	2063	1732	187	287	12	7	0.00	0.87	3
10980044	10980039	2.11	71 3-	2 ACSR 6/1	2204	2029	1704	187	278	11	7	0.00	0.88	6
10980045	10980044	2.17	2 1-	2 ACSR 6/1	0	0	1659	186	4	0	0	0.00	0.21	0
10980046	10980044	2.18	67 3-	2 ACSR 6/1	2139	1963	1649	186	262	11	6	0.01	0.90	11
10980061	10980046	2.25	64 3-	2 ACSR 6/1	2085	1909	1604	186	256	10	6	0.01	0.92	10
D16-08-P003	10980061	2.25	23 1-	FUS-50	0	0	1604	186	93	11	25	0.00	1.57	0
16080014	D16-08-P003	2.28	23 1-	2 ACSR 6/1	0	0	1583	185	93	11	7	0.01	1.58	0
16080010	16080014	2.34	21 1-	2 ACSR 6/1	0	0	1543	185	81	10	6	0.02	1.60	0
16080008	16080010	2.42	2 1-	2 ACSR 6/1	0	0	1499	184	10	1	1	0.00	1.60	0
10980047	16080008	2.45	1 1-	2 ACSR 6/1	0	0	1481	184	6	0	0	0.00	1.60	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
SUB 64 GOLDBUG(64)		1725			3261	3436	3854	194	10298					
SUB 64, CKT 1														
BK6401	GOLDBUG(64)	0.00	962 3-	BK6401	3261	3436	3854	194	4106	172	43	0.00	0.00	0
15620039	BK6401	0.12	962 3-	336 ACSR 18/1	3148	3265	3611	194	4106	172	32	0.11	0.12	326
15620036	15620039	0.35	962 3-	336 ACSR 18/1	2961	3000	3235	193	4103	172	32	0.20	0.33	597
15620100	15620036	0.42	2 3-	336 ACSR 18/1	2908	2929	3135	193	217	9	2	0.01	0.33	0
14690139	15620100	0.45	2 3-	15 KV 2 URD XLP	2880	2918	3094	497	217	9	6	0.01	0.34	2
14691010	14690139	0.45	2 3-	Consumer	2880	2918	3094	497	217	9	0	0.00	0.34	0
15620105	15620036	0.38	1 3-	2 ACSR 6/1	2921	2956	3167	193	1	0	0	0.00	0.33	0
D15-62-P187	15620105	0.38	1 3-	FUS-40	2921	2956	3167	193	1	0	0	0.00	0.33	0
15620104	D15-62-P187	0.43	1 3-	2 ACSR 6/1	2853	2879	3054	193	1	0	0	0.00	0.33	0
15620037	15620036	0.41	959 3-	336 ACSR 18/1	2914	2937	3146	193	3880	162	31	0.05	0.38	145
20850111	15620037	0.44	2 1-	2 ACSR 6/1	0	0	3082	193	4	0	0	0.00	0.43	0
15620035	15620037	0.54	957 3-	336 ACSR 18/1	2820	2816	2975	193	3874	162	31	0.10	0.49	302
D14-69-P106	15620035	0.54	25 1-	REC-35-L	0	0	2975	193	96	12	35	0.00	0.55	0
14690065	D14-69-P106	0.61	25 1-	2 ACSR 6/1	0	0	2837	192	96	12	7	0.02	0.57	2
14690066	14690065	0.73	23 1-	2 ACSR 6/1	0	0	2616	191	95	12	7	0.04	0.62	3
15620092	14690066	0.84	3 1-	2 ACSR 6/1	0	0	2450	191	12	1	1	0.00	0.62	0
15620093	15620092	0.89	3 1-	2 ACSR 6/1	0	0	2377	190	12	1	1	0.00	0.62	0
15620090	15620093	0.97	2 1-	2 ACSR 6/1	0	0	2273	189	9	1	1	0.00	0.63	0
15620076	15620093	0.94	1 1-	2 ACSR 6/1	0	0	2312	190	3	0	0	0.00	0.62	0
15620032	14690066	0.82	17 1-	2 ACSR 6/1	0	0	2482	191	67	8	5	0.02	0.64	1
14690122	15620032	0.87	10 1-	2 ACSR 6/1	0	0	2407	190	36	4	3	0.01	0.64	0
20850118	14690122	0.92	6 1-	2 ACSR 6/1	0	0	2341	190	21	2	2	0.00	0.65	0
20850119	20850118	0.98	3 1-	2 ACSR 6/1	0	0	2265	189	12	1	1	0.00	0.65	0
20850117	20850119	0.99	1 1-	2 ACSR 6/1	0	0	2248	189	6	0	0	0.00	0.65	0
14690062	15620032	0.90	7 1-	2 ACSR 6/1	0	0	2365	190	31	3	2	0.01	0.65	0
14690067	14690062	1.02	6 1-	2 ACSR 6/1	0	0	2203	189	28	3	2	0.01	0.66	0
14690071	14690067	1.09	5 1-	2 ACSR 6/1	0	0	2129	189	21	2	1	0.00	0.66	0
14690072	14690071	1.14	3 1-	2 ACSR 6/1	0	0	2065	188	19	2	1	0.00	0.67	0
20852164	14690072	1.50	3 1-	2 ACSR 6/1	0	0	1730	185	19	2	1	0.02	0.69	0
20852147	20852164	1.67	1 1-	2 ACSR 6/1	0	0	1611	184	8	1	1	0.00	0.69	0
20852165	20852164	1.61	1 1-	2 ACSR 6/1	0	0	1647	184	7	0	0	0.00	0.69	0
20852163	20852165	2.08	1 1-	2 ACSR 6/1	0	0	1364	181	7	0	0	0.01	0.70	0
15620091	14690066	0.88	1 1-	2 ACSR 6/1	0	0	2393	190	8	1	1	0.00	0.62	0
15620075	14690066	0.78	2 1-	2 ACSR 6/1	0	0	2548	191	8	1	1	0.00	0.62	0
14690142	15620035	0.59	932 3-	336 ACSR 18/1	2779	2764	2903	193	3775	158	30	0.04	0.54	130
14690144	14690142	0.91	931 3-	336 ACSR 18/1	2579	2520	2569	192	3771	158	30	0.24	0.80	701
14690120	14690144	1.00	930 3-	336 ACSR 18/1	2526	2465	2485	192	3762	158	30	0.07	0.87	205
D14-69-P034	14690120	1.00	125 3-	REC-70-L	2526	2457	2485	192	461	19	28	0.00	0.87	0
14690063	D14-69-P034	1.06	125 3-	2 ACSR 6/1	2464	2391	2399	191	461	19	11	0.03	0.90	11
14690056	14690063	1.09	121 3-	2 ACSR 6/1	2431	2355	2355	191	420	17	10	0.02	0.91	6
14690093	14690056	1.15	121 3-	2 ACSR 6/1	2377	2297	2283	191	420	17	10	0.03	0.94	10
14690094	14690093	1.21	118 3-	2 ACSR 6/1	2319	2233	2207	190	407	17	10	0.03	0.96	11
14690103	14690094	1.23	115 3-	2 ACSR 6/1	2298	2211	2180	190	391	16	9	0.01	0.97	4
14690104	14690103	1.42	112 3-	2 ACSR 6/1	2140	2041	1983	189	386	16	9	0.08	1.05	28
14690096	14690104	1.49	1 1-	2 ACSR 6/1	0	0	1915	188	4	0	0	0.00	1.14	0
14690050	14690104	1.46	5 1-	2 ACSR 6/1	0	0	1947	188	11	1	1	0.00	1.01	0
14690101	14690050	1.51	4 1-	2 ACSR 6/1	0	0	1894	188	11	1	1	0.00	1.01	0
14690102	14690101	1.59	3 1-	2 ACSR 6/1	0	0	1830	187	4	0	0	0.00	1.01	0
14690100	14690050	1.48	1 1-	2 ACSR 6/1	0	0	1926	188	0	0	0	0.00	1.01	0
14690049	14690104	1.50	106 3-	2 ACSR 6/1	2076	1972	1906	188	371	15	9	0.03	1.08	11

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14690111	14690049	1.59	102 3-	2 ACSR 6/1	2004	1896	1823	187	363	15	9	0.04	1.11	12
14690112	14690111	1.69	101 3-	2 ACSR 6/1	1934	1822	1742	186	354	15	8	0.04	1.15	13
14690113	14690112	1.82	97 3-	2 ACSR 6/1	1847	1731	1645	185	345	14	8	0.05	1.19	17
14790091	14690113	1.88	96 3-	2 ACSR 6/1	1812	1694	1607	185	343	14	8	0.02	1.21	7
14790100	14790091	1.91	94 3-	2 ACSR 6/1	1791	1673	1584	185	335	14	8	0.01	1.22	4
14790101	14790100	1.96	93 3-	2 ACSR 6/1	1761	1642	1552	184	335	14	8	0.02	1.24	7
14790105	14790101	2.07	91 3-	2 ACSR 6/1	1699	1579	1487	183	318	13	8	0.04	1.27	14
14790109	14790105	2.17	86 3-	2 ACSR 6/1	1646	1524	1431	183	299	12	7	0.03	1.30	12
14790110	14790109	2.34	85 3-	2 ACSR 6/1	1561	1438	1344	181	298	12	7	0.05	1.35	20
14790082	14790110	2.39	25 1-	2 ACSR 6/1	0	0	1322	181	134	17	10	0.02	1.36	2
14790083	14790082	2.42	24 1-	2 ACSR 6/1	0	0	1305	181	133	16	9	0.02	1.37	2
D14-79-P008	14790083	2.42	24 1-	FUS-40	0	0	1305	181	133	16	48	0.00	1.37	0
14790047	D14-79-P008	2.44	24 1-	2 ACSR 6/1	0	0	1295	181	133	16	9	0.01	1.38	1
14790130	14790047	2.47	23 1-	2 ACSR 6/1	0	0	1283	180	125	15	9	0.01	1.40	1
14790112	14790130	2.58	20 1-	2 ACSR 6/1	0	0	1238	180	114	14	8	0.04	1.44	4
14790111	14790112	2.86	0 1-	2 ACSR 6/1	0	0	1130	178	0	0	0	0.00	1.44	0
14790114	14790112	2.85	20 1-	2 ACSR 6/1	0	0	1133	178	114	14	8	0.12	1.56	10
14790115	14790114	2.91	19 1-	2 ACSR 6/1	0	0	1114	177	112	14	8	0.02	1.58	2
14790116	14790115	3.03	2 1-	2 ACSR 6/1	0	0	1075	176	5	0	0	0.00	1.58	0
14790117	14790116	3.15	1 1-	2 ACSR 6/1	0	0	1037	175	3	0	0	0.00	1.58	0
14790093	14790115	2.97	17 1-	2 ACSR 6/1	0	0	1095	177	107	13	8	0.02	1.60	2
14790094	14790093	3.01	16 1-	2 ACSR 6/1	0	0	1083	177	104	13	7	0.01	1.62	1
14790096	14790094	3.07	14 1-	2 ACSR 6/1	0	0	1062	176	87	11	6	0.02	1.63	1
14790128	14790096	3.14	2 1-	2 ACSR 6/1	0	0	1040	176	12	1	1	0.00	1.64	0
14790097	14790096	3.12	10 1-	2 ACSR 6/1	0	0	1047	176	59	7	4	0.01	1.64	0
14790098	14790097	3.16	8 1-	2 ACSR 6/1	0	0	1034	175	52	6	4	0.01	1.65	0
14790099	14790098	3.20	6 1-	2 ACSR 6/1	0	0	1023	175	38	4	3	0.00	1.66	0
14790102	14790099	3.25	4 1-	2 ACSR 6/1	0	0	1009	175	24	3	2	0.00	1.66	0
14790103	14790102	3.31	2 1-	2 ACSR 6/1	0	0	994	174	15	1	1	0.00	1.66	0
14790095	14790094	3.02	1 1-	2 ACSR 6/1	0	0	1078	176	10	1	1	0.00	1.62	0
14790078	14790130	2.51	3 1-	2 ACSR 6/1	0	0	1268	180	11	1	1	0.00	1.40	0
14790113	14790078	2.54	2 1-	2 ACSR 6/1	0	0	1255	180	9	1	1	0.00	1.40	0
14790045	14790110	2.52	60 1-	2 ACSR 6/1	0	0	1261	180	163	20	12	0.11	1.86	14
14790104	14790045	2.60	1 1-	2 ACSR 6/1	0	0	1231	180	6	0	0	0.00	1.86	0
14790084	14790045	2.63	3 1-	2 ACSR 6/1	0	0	1215	179	10	1	1	0.00	1.86	0
14790085	14790084	2.72	2 1-	2 ACSR 6/1	0	0	1180	179	2	0	0	0.00	1.86	0
14790071	14790045	2.58	56 1-	2 ACSR 6/1	0	0	1236	180	147	18	10	0.03	1.89	4
14790072	14790071	2.66	52 1-	2 ACSR 6/1	0	0	1204	179	129	16	9	0.04	1.93	4
14790046	14790072	2.76	50 1-	2 ACSR 6/1	0	0	1168	178	124	15	9	0.04	1.97	4
14790077	14790046	2.86	47 1-	2 ACSR 6/1	0	0	1131	178	112	14	8	0.04	2.01	4
14790123	14790077	2.95	3 1-	2 ACSR 6/1	0	0	1101	177	6	0	0	0.00	2.01	0
14790129	14790077	2.99	36 1-	2 ACSR 6/1	0	0	1089	177	93	11	7	0.04	2.05	3
14890091	14790129	3.04	35 1-	2 ACSR 6/1	0	0	1073	176	84	10	6	0.01	2.07	0
14880032	14890091	3.19	33 1-	2 ACSR 6/1	0	0	1026	175	74	9	5	0.04	2.11	2
14890081	14880032	3.22	32 1-	2 ACSR 6/1	0	0	1017	175	73	9	5	0.01	2.12	0
14890083	14890081	3.31	31 1-	2 ACSR 6/1	0	0	992	174	71	9	5	0.02	2.14	1
14890084	14890083	3.41	29 1-	2 ACSR 6/1	0	0	966	174	69	8	5	0.03	2.17	1
14890082	14890084	3.47	29 1-	2 ACSR 6/1	0	0	952	173	69	8	5	0.01	2.18	0
14890065	14890082	3.65	1 1-	2 ACSR 6/1	0	0	909	172	2	0	0	0.00	2.18	0
14890055	14890082	3.56	27 1-	2 ACSR 6/1	0	0	929	173	66	8	5	0.02	2.20	1
14890064	14890055	3.66	2 1-	2 ACSR 6/1	0	0	906	172	10	1	1	0.00	2.21	0
14890069	14890064	3.76	1 1-	2 ACSR 6/1	0	0	885	171	8	1	1	0.00	2.21	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14890057	14890055	3.63	23 1-	2 ACSR 6/1	0	0	915	172	53	6	4	0.01	2.22	0
14890058	14890057	3.72	22 1-	2 ACSR 6/1	0	0	894	172	50	6	4	0.02	2.23	0
14890061	14890058	3.85	19 1-	2 ACSR 6/1	0	0	866	171	43	5	3	0.02	2.25	0
14890088	14890061	3.96	1 1-	2 ACSR 6/1	0	0	844	170	4	0	0	0.00	2.25	0
14890063	14890061	3.92	1 1-	2 ACSR 6/1	0	0	851	170	1	0	0	0.00	2.25	0
14890062	14890061	3.94	12 1-	2 ACSR 6/1	0	0	847	170	24	3	2	0.01	2.26	0
14890070	14890062	4.04	4 1-	2 ACSR 6/1	0	0	828	169	8	0	1	0.00	2.26	0
14890071	14890070	4.09	1 1-	2 ACSR 6/1	0	0	819	169	4	0	0	0.00	2.26	0
14890068	14890062	4.06	7 1-	2 ACSR 6/1	0	0	825	169	15	1	1	0.01	2.27	0
14890079	14890068	4.13	1 1-	2 ACSR 6/1	0	0	812	169	6	0	0	0.00	2.27	0
14890072	14890068	4.14	2 1-	2 ACSR 6/1	0	0	809	169	2	0	0	0.00	2.27	0
14990025	14890072	4.17	1 1-	2 ACSR 6/1	0	0	804	168	1	0	0	0.00	2.27	0
14890066	14890068	4.10	3 1-	2 ACSR 6/1	0	0	817	169	5	0	0	0.00	2.27	0
14890067	14890062	4.00	1 1-	2 ACSR 6/1	0	0	835	170	1	0	0	0.00	2.26	0
14890060	14890061	3.90	3 1-	2 ACSR 6/1	0	0	855	170	11	1	1	0.00	2.25	0
14890054	14890060	3.93	1 1-	2 ACSR 6/1	0	0	850	170	4	0	0	0.00	2.25	0
14890059	14890058	3.96	1 1-	2 ACSR 6/1	0	0	844	170	2	0	0	0.00	2.23	0
14890056	14890055	3.72	1 1-	2 ACSR 6/1	0	0	893	172	2	0	0	0.00	2.20	0
14890080	14880032	3.27	0 1-	2 ACSR 6/1	0	0	1005	175	0	0	0	0.00	2.11	0
14790079	14790077	2.92	8 1-	2 ACSR 6/1	0	0	1111	177	13	1	1	0.00	2.01	0
14780045	14790079	2.96	6 1-	2 ACSR 6/1	0	0	1098	177	6	0	0	0.00	2.02	0
14780046	14780045	3.04	3 1-	2 ACSR 6/1	0	0	1072	176	5	0	0	0.00	2.02	0
14780031	14780046	3.08	2 1-	2 ACSR 6/1	0	0	1059	176	4	0	0	0.00	2.02	0
14780033	14780031	3.15	1 1-	2 ACSR 6/1	0	0	1038	176	3	0	0	0.00	2.02	0
14780034	14780033	3.23	1 1-	2 ACSR 6/1	0	0	1014	175	3	0	0	0.00	2.02	0
14780032	14780031	3.11	1 1-	2 ACSR 6/1	0	0	1051	176	1	0	0	0.00	2.02	0
14780044	14790079	2.95	2 1-	2 ACSR 6/1	0	0	1099	177	7	0	0	0.00	2.02	0
14790076	14790046	2.81	3 1-	2 ACSR 6/1	0	0	1149	178	12	1	1	0.00	1.97	0
14790075	14790072	2.75	1 1-	2 ACSR 6/1	0	0	1169	178	3	0	0	0.00	1.93	0
14790073	14790071	2.63	2 1-	2 ACSR 6/1	0	0	1215	179	6	0	0	0.00	1.89	0
14790074	14790073	2.69	1 1-	2 ACSR 6/1	0	0	1194	179	2	0	0	0.00	1.89	0
14790086	14790071	2.62	1 1-	2 ACSR 6/1	0	0	1220	179	5	0	0	0.00	1.89	0
14790092	14790086	2.64	1 1-	2 ACSR 6/1	0	0	1213	179	5	0	0	0.00	1.89	0
14790106	14790105	2.18	4 1-	2 ACSR 6/1	0	0	1427	183	14	1	1	0.00	1.26	0
14790108	14790106	2.26	1 1-	2 ACSR 6/1	0	0	1385	182	4	0	0	0.00	1.26	0
14790107	14790106	2.32	1 1-	2 ACSR 6/1	0	0	1354	182	2	0	0	0.00	1.26	0
14790090	14690113	1.88	1 1-	2 ACSR 6/1	0	0	1606	185	2	0	0	0.00	1.16	0
14690107	14690049	1.55	4 1-	2 ACSR 6/1	0	0	1862	188	8	0	1	0.00	1.20	0
14690108	14690107	1.78	3 1-	2 ACSR 6/1	0	0	1678	186	3	0	0	0.00	1.20	0
14690110	14690108	1.95	1 1-	2 ACSR 6/1	0	0	1560	184	0	0	0	0.00	1.20	0
14690109	14690108	1.82	1 1-	2 ACSR 6/1	0	0	1648	185	0	0	0	0.00	1.20	0
14690095	14690094	1.24	3 1-	2 ACSR 6/1	0	0	2176	190	16	2	1	0.00	0.92	0
14690092	14690093	1.19	1 1-	2 ACSR 6/1	0	0	2234	190	9	1	1	0.00	0.96	0
14690091	14690056	1.13	0 1-	2 ACSR 6/1	0	0	2302	191	0	0	0	0.00	0.87	0
OH31	14690120	1.01	4 1-	2 ACSR 6/1	0	0	2459	192	17	2	1	0.00	0.82	0
14690119	OH31	1.08	4 1-	2 ACSR 6/1	0	0	2373	191	17	2	1	0.00	0.83	0
14690118	OH31	1.14	0 1-	2 ACSR 6/1	0	0	2298	191	0	0	0	0.00	0.82	0
14690114	14690120	1.09	801 3-	336 ACSR 18/1	2473	2396	2404	192	3282	138	26	0.06	0.94	161
14690070	14690114	1.23	800 3-	336 ACSR 18/1	2396	2310	2290	191	3278	137	26	0.10	1.04	245
14690134	14690070	1.29	800 3-	4/0 ACSR 6/1	2360	2270	2238	191	3276	137	41	0.06	1.10	156
14690135	14690134	1.36	799 3-	4/0 ACSR 6/1	2320	2227	2181	191	3264	137	40	0.07	1.17	177
14690064	14690135	1.44	798 3-	4/0 ACSR 6/1	2267	2171	2110	191	3257	137	40	0.09	1.27	237

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14590089	14690064	1.46	790 3-	4/0 ACSR 6/1	2256	2159	2094	191	3225	136 40	0.02	1.29	52	
D14-59-P097	14590089	1.46	3 3-	FUS	2256	2159	2094	191	7	0 0	0.00	1.29	0	
14590097	D14-59-P097	1.50	3 3-	4/0 ACSR 6/1	2236	2138	2068	191	7	0 0	0.00	1.29	0	
14590098	14590097	1.51	2 3-	4/0 ACSR 6/1	2232	2133	2061	190	3	0 0	0.00	1.29	0	
14590035	14590089	1.49	787 3-	4/0 ACSR 6/1	2239	2141	2071	191	3218	135 40	0.03	1.32	78	
14590071	14590035	1.52	2 1-	2 ACSR 6/1	0	0	2044	190	7	0 0	0.00	1.24	0	
14590077	14590071	1.57	1 1-	2 ACSR 6/1	0	0	1999	190	3	0 0	0.00	1.24	0	
14590111	14590035	1.55	785 3-	4/0 ACSR 6/1	2209	2109	2031	190	3210	135 40	0.05	1.37	142	
14590112	14590111	1.64	784 3-	4/0 ACSR 6/1	2160	2057	1967	190	3207	135 40	0.09	1.47	237	
14590109	14590112	1.64	780 3-	4/0 ACSR 6/1	2157	2054	1963	190	3191	134 40	0.01	1.48	15	
14-59-P037-B	14590109	1.64	780 3-	Closed	2157	2054	1963	190	3191	134 0	0.00	1.48	0	
14-59-P037-A	14-59-P037-B	1.64	780 3-	Closed	2157	2054	1963	190	3191	134 0	0.00	1.48	0	
14590110	14-59-P037-A	1.68	780 3-	4/0 ACSR 6/1	2140	2036	1940	190	3191	134 40	0.03	1.51	85	
14590085	14590110	1.77	778 3-	4/0 ACSR 6/1	2094	1987	1881	190	3177	134 39	0.09	1.60	235	
14590059	14590085	1.81	689 3-	4/0 ACSR 6/1	2071	1964	1852	189	2786	117 35	0.03	1.65	92	
14590060	14590059	2.20	689 3-	4/0 ACSR 6/1	1898	1785	1642	188	2785	117 35	0.26	1.99	770	
14590058	14590060	2.27	688 3-	4/0 ACSR 6/1	1868	1755	1607	188	2769	117 35	0.05	2.05	147	
14590057	14590058	2.36	625 3-	4/0 ACSR 6/1	1833	1719	1567	188	2508	106 31	0.08	2.13	146	
14590043	14590057	2.45	622 3-	4/0 ACSR 6/1	1800	1685	1528	187	2500	106 31	0.08	2.20	145	
14580016	14590043	2.51	618 3-	4/0 ACSR 6/1	1779	1664	1505	187	2486	105 31	0.05	2.24	92	
14480053	14580016	2.53	615 3-	4/0 ACSR 6/1	1769	1654	1494	187	2461	104 31	0.02	2.26	42	
14480123	14480053	2.57	612 3-	4/0 ACSR 6/1	1755	1640	1478	187	2442	103 30	0.04	2.29	62	
14480126	14480123	2.72	1 3- 15	KV 2 URD XLP	1706	1595	1433	443	6	0 0	0.00	2.29	0	
14480113	14480123	2.63	610 3-	4/0 ACSR 6/1	1737	1622	1458	187	2434	103 30	0.05	2.33	80	
D14-48-P254	14480113	2.63	19 1-	REC-50-H	0	0	1458	187	72	9 18	0.00	2.23	0	
14480058	D14-48-P254	2.69	19 1-	2 ACSR 6/1	0	0	1427	186	72	9 5	0.02	2.24	0	
14580017	14480058	2.75	16 1-	2 ACSR 6/1	0	0	1397	186	65	8 5	0.01	2.26	0	
14580019	14580017	2.82	3 1-	2 ACSR 6/1	0	0	1363	185	14	1 1	0.00	2.26	0	
14580018	14580017	2.80	11 1-	2 ACSR 6/1	0	0	1374	185	42	5 3	0.01	2.26	0	
14580008	14580018	2.86	11 1-	2 ACSR 6/1	0	0	1343	185	42	5 3	0.01	2.27	0	
14580041	14580008	3.29	11 1-	2 ACSR 6/1	0	0	1174	181	42	5 3	0.07	2.34	2	
14580043	14580041	3.45	1 1-	2 ACSR 6/1	0	0	1120	180	6	0 0	0.00	2.34	0	
14580042	14580041	3.35	10 1-	2 ACSR 6/1	0	0	1153	181	36	4 3	0.01	2.35	0	
14580023	14580042	3.38	8 1-	2 ACSR 6/1	0	0	1143	181	28	3 2	0.00	2.35	0	
14580028	14580023	3.42	7 1-	2 ACSR 6/1	0	0	1127	180	25	3 2	0.00	2.35	0	
14580024	14580028	3.48	5 1-	2 ACSR 6/1	0	0	1108	180	18	2 1	0.00	2.36	0	
14580031	14580024	3.56	3 1-	2 ACSR 6/1	0	0	1085	179	17	2 1	0.00	2.36	0	
14580013	14580031	3.72	2 1-	2 ACSR 6/1	0	0	1037	178	9	1 1	0.01	2.37	0	
14580015	14580013	3.77	1 1-	2 ACSR 6/1	0	0	1023	178	0	0 0	0.00	2.37	0	
14580014	14580013	3.81	1 1-	2 ACSR 6/1	0	0	1012	178	9	1 1	0.00	2.37	0	
14580044	14580014	4.02	0 1-	2 ACSR 6/1	0	0	958	176	0	0 0	0.00	2.37	0	
14580030	14580024	3.54	2 1-	2 ACSR 6/1	0	0	1090	180	0	0 0	0.00	2.36	0	
14580022	14580042	3.51	2 1-	2 ACSR 6/1	0	0	1099	180	8	0 1	0.00	2.35	0	
14580026	14580022	3.55	2 1-	2 ACSR 6/1	0	0	1087	179	8	0 1	0.00	2.35	0	
14580027	14580026	3.59	1 1-	2 ACSR 6/1	0	0	1074	179	4	0 0	0.00	2.35	0	
14580029	14580008	2.91	0 1-	2 ACSR 6/1	0	0	1324	184	0	0 0	0.00	2.27	0	
14580020	14580018	2.83	0 1-	2 ACSR 6/1	0	0	1357	185	0	0 0	0.00	2.26	0	
14480107	14480113	2.66	1 1-	2 ACSR 6/1	0	0	1440	186	10	1 1	0.00	2.18	0	
14480040	14480113	2.86	590 3-	4/0 ACSR 6/1	1660	1545	1374	186	2351	99 29	0.22	2.50	339	
14480041	14480040	2.99	589 3-	4/0 ACSR 6/1	1621	1506	1332	185	2345	99 29	0.12	2.59	188	
14480042	14480041	3.14	588 3-	4/0 ACSR 6/1	1576	1461	1284	185	2338	99 29	0.15	2.70	224	
C14-48-P17	14480042	3.14	0 3-	Capacitor	1576	1461	1284	185	0	-13 0	0.00	2.70	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14480074	14480042	3.15	588 3-	4/0 ACSR 6/1	1572	1457	1280	185	2336	100	30	0.02	2.72	20
14480078	14480074	3.16	587 3-	4/0 ACSR 6/1	1570	1456	1278	185	2335	100	30	0.01	2.72	9
14-48-P161-B	14480078	3.16	587 3-	Closed	1570	1456	1278	185	2334	100	0	0.00	2.72	0
14-48-P161-A	14-48-P161-B	3.16	587 3-	Closed	1570	1456	1278	185	2334	100	0	0.00	2.72	0
14480045	14-48-P161-A	3.22	587 3-	4/0 ACSR 6/1	1554	1440	1262	185	2334	100	30	0.06	2.77	85
14480094	14480045	3.31	474 3-	1/0 ACSR 6/1	1521	1407	1231	184	1697	73	32	0.13	2.88	146
D14-48-P217	14480094	3.31	15 1-	FUS-40	0	0	1231	184	92	11	34	0.00	2.89	0
14480134	D14-48-P217	3.37	15 1-	2 ACSR 6/1	0	0	1210	184	92	11	7	0.02	2.91	1
14480063	14480134	3.41	13 1-	2 ACSR 6/1	0	0	1194	183	78	10	6	0.01	2.92	0
14480065	14480063	3.46	11 1-	2 ACSR 6/1	0	0	1178	183	71	9	5	0.01	2.93	0
14480066	14480065	3.51	11 1-	2 ACSR 6/1	0	0	1162	183	71	9	5	0.01	2.94	0
14480067	14480066	3.55	9 1-	2 ACSR 6/1	0	0	1146	182	67	8	5	0.01	2.95	0
14480084	14480067	3.61	2 1-	2 ACSR 6/1	0	0	1129	182	20	2	1	0.00	2.96	0
14480083	14480067	3.60	6 1-	2 ACSR 6/1	0	0	1131	182	40	5	3	0.01	2.96	0
14480085	14480083	3.65	5 1-	2 ACSR 6/1	0	0	1116	181	32	4	2	0.00	2.97	0
14480086	14480085	3.69	3 1-	2 ACSR 6/1	0	0	1102	181	21	2	2	0.00	2.97	0
14480069	14480086	3.72	2 1-	2 ACSR 6/1	0	0	1093	181	13	1	1	0.00	2.97	0
14480064	14480063	3.44	1 1-	2 ACSR 6/1	0	0	1185	183	2	0	0	0.00	2.92	0
14480102	14480094	3.38	458 3-	1/0 ACSR 6/1	1500	1386	1211	184	1599	68	30	0.07	2.95	87
D14-48-P011	14480102	3.38	456 3-	REC-100-L	1500	1386	1211	184	1590	68	69	0.00	2.95	0
14480096	D14-48-P011	3.41	456 3-	1/0 ACSR 6/1	1490	1376	1201	184	1590	68	30	0.04	2.98	42
14480095	14480096	3.49	452 3-	1/0 ACSR 6/1	1462	1349	1176	183	1566	67	29	0.10	3.08	112
14480109	14480095	3.54	15 1-	2 ACSR 6/1	0	0	1160	183	83	10	6	0.01	3.36	0
14480111	14480109	3.57	2 1-	2 ACSR 6/1	0	0	1150	182	12	1	1	0.00	3.36	0
14480110	14480109	3.59	10 1-	2 ACSR 6/1	0	0	1144	182	54	6	4	0.01	3.37	0
14480051	14480110	3.62	8 1-	2 ACSR 6/1	0	0	1132	182	46	5	3	0.01	3.38	0
14480050	14480051	3.66	4 1-	2 ACSR 6/1	0	0	1120	182	25	3	2	0.00	3.38	0
14480108	14480050	3.70	1 1-	2 ACSR 6/1	0	0	1108	181	7	0	0	0.00	3.38	0
14480060	14480051	3.70	3 1-	2 ACSR 6/1	0	0	1107	181	13	1	1	0.00	3.38	0
14480103	14480095	3.54	437 3-	1/0 ACSR 6/1	1448	1335	1162	183	1482	64	28	0.05	3.12	55
14480112	14480103	3.77	424 3-	1/0 ACSR 6/1	1378	1266	1098	182	1423	61	27	0.23	3.35	255
14480062	14480112	4.00	416 3-	1/0 ACSR 6/1	1316	1205	1043	180	1382	59	26	0.20	3.57	233
14470069	14480062	4.04	2 1-	2 ACSR 6/1	0	0	1031	180	3	0	0	0.00	3.59	0
14470071	14470069	4.13	1 1-	15 KV 2 URD XLP	0	0	1010	403	0	0	0	0.00	3.59	0
14470070	14470069	4.09	1 1-	2 ACSR 6/1	0	0	1019	180	3	0	0	0.00	3.59	0
14470019	14480062	4.09	2 3-	1/0 ACSR 6/1	1293	1183	1022	180	9	0	0	0.00	3.57	0
14470050	14470019	4.11	1 3-	1/0 ACSR 6/1	1287	1178	1017	180	6	0	0	0.00	3.57	0
14470065	14470019	4.17	1 1-	2 ACSR 6/1	0	0	1000	179	2	0	0	0.00	3.82	0
14470066	14470065	4.25	1 1-	15 KV 2 URD XLP	0	0	983	399	2	0	0	0.00	3.82	0
14470022	14480062	4.22	408 3-	1/0 ACSR 6/1	1261	1152	994	179	1344	58	25	0.20	3.77	213
D14-47-P017	14470022	4.22	1 1-	FUS	0	0	994	179	0	0	1	0.00	4.02	0
14470077	D14-47-P017	4.32	1 1-	2 ACSR 6/1	0	0	969	178	0	0	0	0.00	4.02	0
14470056	14470022	4.43	405 3-	1/0 ACSR 6/1	1212	1104	950	178	1335	57	25	0.19	3.96	204
14570035	14470056	4.49	403 3-	1/0 ACSR 6/1	1200	1093	940	178	1327	57	25	0.05	4.01	51
14570038	14570035	4.76	2 1-	15 KV 2 URD XLP	0	0	883	381	5	0	0	0.00	4.03	0
14570027	14570035	4.58	401 3-	1/0 ACSR 6/1	1179	1073	922	177	1321	57	25	0.08	4.10	90
14570030	14570027	4.66	1 1-	2 ACSR 6/1	0	0	905	177	9	1	1	0.00	3.84	0
14470029	14570030	4.72	1 1-	2 ACSR 6/1	0	0	892	176	9	1	1	0.00	3.84	0
14570026	14570027	4.84	400 3-	1/0 ACSR 6/1	1128	1024	878	176	1311	57	25	0.22	4.33	234
14470023	14570026	4.86	393 3-	1/0 ACSR 6/1	1122	1018	873	176	1273	55	24	0.02	4.35	26
14470047	14470023	4.89	391 3-	1/0 ACSR 6/1	1117	1014	869	176	1262	55	24	0.02	4.37	22
14470049	14470047	4.93	382 3-	1/0 ACSR 6/1	1110	1006	862	176	1222	53	23	0.03	4.41	32

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14470054	14470049	4.99	379 3-	1/0 ACSR 6/1	1099	996	854	175	1210	52	23	0.04	4.45	44
14470053	14470054	5.08	365 3-	1/0 ACSR 6/1	1081	980	839	175	1152	50	22	0.08	4.53	70
14470042	14470053	5.17	364 3-	1/0 ACSR 6/1	1065	964	825	174	1150	50	22	0.08	4.60	66
14470017	14470042	5.30	360 3-	1/0 ACSR 6/1	1044	944	807	174	1140	49	22	0.10	4.70	85
14460102	14470017	5.38	359 3-	1/0 ACSR 6/1	1031	931	796	173	1129	49	21	0.07	4.76	58
14460123	14460102	5.47	1 3-	1/0 ACSR 6/1	1015	917	783	173	16	0	0	0.00	4.76	0
14560029	14460123	5.53	0 1-	2 ACSR 6/1	0	0	774	172	0	0	0	0.00	4.76	0
14460092	14460102	5.44	355 3-	1/0 ACSR 6/1	1021	922	787	173	1103	48	21	0.05	4.81	40
14460103	14460092	5.48	158 3-	2 ACSR 6/1	1012	914	781	173	474	20	12	0.01	4.83	9
14460104	14460103	5.72	157 3-	2 ACSR 6/1	967	870	744	171	474	20	12	0.06	4.95	50
14460134	14460104	5.79	0 1-	2 ACSR 6/1	0	0	734	171	0	0	0	0.00	4.89	0
14460064	14460104	5.93	156 3-	2 ACSR 6/1	931	835	715	170	471	20	11	0.06	5.05	43
14460071	14460064	5.98	155 3-	2 ACSR 6/1	922	827	708	169	471	20	11	0.01	5.07	10
14460072	14460071	6.04	153 3-	2 ACSR 6/1	913	818	700	169	468	20	11	0.02	5.10	12
14460118	14460072	6.08	4 1-	2 ACSR 6/1	0	0	695	169	7	0	1	0.00	4.97	0
14460119	14460118	6.13	3 1-	2 ACSR 6/1	0	0	689	168	5	0	0	0.00	4.97	0
14460090	14460119	6.15	2 1-	2 ACSR 6/1	0	0	686	168	3	0	0	0.00	4.97	0
14460074	14460072	6.12	140 3-	2 ACSR 6/1	899	805	690	168	438	19	11	0.02	5.14	15
14460075	14460074	6.16	138 3-	2 ACSR 6/1	894	800	685	168	433	19	11	0.01	5.16	6
14460076	14460075	6.19	136 3-	2 ACSR 6/1	889	795	681	168	430	18	10	0.01	5.17	6
14460068	14460076	6.26	135 3-	2 ACSR 6/1	878	785	673	167	428	18	10	0.02	5.20	12
14460077	14460068	6.28	47 1-	2 ACSR 6/1	0	0	670	167	160	21	12	0.01	5.58	2
D14-46-P170	14460077	6.28	46 1-	REC-35-H	0	0	670	167	160	21	60	0.00	5.58	0
14460069	D14-46-P170	6.49	46 1-	2 ACSR 6/1	0	0	645	166	160	21	12	0.13	5.71	17
14460085	14460069	6.54	11 1-	2 ACSR 6/1	0	0	640	165	42	5	3	0.01	5.72	0
14460086	14460085	6.57	10 1-	2 ACSR 6/1	0	0	637	165	39	5	3	0.00	5.72	0
14460087	14460086	6.61	9 1-	2 ACSR 6/1	0	0	633	165	39	5	3	0.01	5.73	0
14460081	14460087	6.66	8 1-	2 ACSR 6/1	0	0	627	165	33	4	2	0.01	5.73	0
14460088	14460081	6.72	1 1-	2 ACSR 6/1	0	0	621	164	0	0	0	0.00	5.73	0
14460082	14460081	6.71	6 1-	2 ACSR 6/1	0	0	622	164	25	3	2	0.00	5.74	0
14460131	14460082	6.76	2 1-	2 ACSR 6/1	0	0	616	164	8	1	1	0.00	5.74	0
14460132	14460131	6.84	1 1-	2 ACSR 6/1	0	0	609	163	3	0	0	0.00	5.74	0
14460070	14460069	6.51	33 1-	2 ACSR 6/1	0	0	644	166	115	15	8	0.01	5.72	0
14460110	14460070	6.52	32 1-	2 ACSR 6/1	0	0	643	166	109	14	8	0.01	5.72	0
14460111	14460110	6.60	32 1-	2 ACSR 6/1	0	0	634	165	109	14	8	0.03	5.76	3
14460109	14460111	6.66	5 1-	2 ACSR 6/1	0	0	627	165	7	0	1	0.00	5.76	0
14460121	14460109	6.72	1 1-	2 ACSR 6/1	0	0	621	164	2	0	0	0.00	5.76	0
14460108	14460111	6.65	26 1-	2 ACSR 6/1	0	0	628	165	99	13	7	0.02	5.77	1
14460107	14460108	6.69	2 1-	2 ACSR 6/1	0	0	624	164	10	1	1	0.00	5.77	0
14460095	14460108	6.72	22 1-	2 ACSR 6/1	0	0	621	164	81	10	6	0.02	5.79	1
14460120	14460095	6.75	4 1-	2 ACSR 6/1	0	0	618	164	14	1	1	0.00	5.80	0
14560032	14460120	6.78	3 1-	2 ACSR 6/1	0	0	615	164	12	1	1	0.00	5.80	0
14560031	14560032	6.83	2 1-	2 ACSR 6/1	0	0	609	164	8	1	1	0.00	5.80	0
14560040	14560031	6.96	1 1-	2 ACSR 6/1	0	0	597	163	3	0	0	0.00	5.80	0
14560041	14560040	7.03	0 1-	2 ACSR 6/1	0	0	591	162	0	0	0	0.00	5.80	0
14560058	14560041	7.15	0 1-	2 ACSR 6/1	0	0	579	161	0	0	0	0.00	5.80	0
14560039	14560031	6.95	1 1-	2 ACSR 6/1	0	0	598	163	5	0	0	0.00	5.80	0
14460130	14460095	6.81	17 1-	2 ACSR 6/1	0	0	611	164	62	8	5	0.02	5.82	0
14560076	14460130	6.89	16 1-	2 ACSR 6/1	0	0	603	163	57	7	4	0.02	5.83	0
14560056	14560076	6.95	13 1-	2 ACSR 6/1	0	0	598	163	44	5	3	0.01	5.84	0
14560057	14560056	6.99	12 1-	2 ACSR 6/1	0	0	594	162	39	5	3	0.01	5.85	0
14560042	14560057	7.03	12 1-	2 ACSR 6/1	0	0	591	162	39	5	3	0.00	5.85	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14460113	14560042	7.07	10 1-	2 ACSR 6/1	0	0	586	162	34	4	2	0.01	5.86	0
14460101	14460113	7.12	9 1-	2 ACSR 6/1	0	0	582	162	33	4	2	0.01	5.86	0
14460096	14460101	7.15	8 1-	2 ACSR 6/1	0	0	579	161	29	3	2	0.00	5.87	0
14460112	14460096	7.24	2 1-	2 ACSR 6/1	0	0	571	161	9	1	1	0.00	5.87	0
14460122	14460112	7.33	1 1-	2 ACSR 6/1	0	0	564	160	5	0	0	0.00	5.87	0
14560077	14460122	7.36	1 1-	2 ACSR 6/1	0	0	561	160	5	0	0	0.00	5.87	0
14460097	14460096	7.20	4 1-	2 ACSR 6/1	0	0	575	161	14	1	1	0.00	5.87	0
14460098	14460097	7.25	3 1-	2 ACSR 6/1	0	0	570	161	14	1	1	0.00	5.87	0
14460099	14460098	7.30	3 1-	2 ACSR 6/1	0	0	566	161	14	1	1	0.00	5.87	0
14460105	14460099	7.36	2 1-	2 ACSR 6/1	0	0	561	160	8	1	1	0.00	5.88	0
14460133	14460105	7.38	1 1-	2 ACSR 6/1	0	0	559	160	4	0	0	0.00	5.88	0
14560027	14560076	6.97	1 1-	2 ACSR 6/1	0	0	596	163	3	0	0	0.00	5.83	0
14460106	14460070	6.55	1 1-	2 ACSR 6/1	0	0	639	165	6	0	0	0.00	5.72	0
14460038	14460068	6.37	88 3-	1/0 ACSR 6/1	864	772	661	167	268	11	5	0.01	5.22	8
14460083	14460038	6.41	1 1-	2 ACSR 6/1	0	0	657	167	3	0	0	0.00	5.07	0
14460037	14460038	6.42	87 3-	1/0 ACSR 6/1	858	767	657	167	265	11	5	0.00	5.23	3
D14-46-P187	14460037	6.42	87 3-	REC-35-H	858	767	657	167	265	11	33	0.00	5.23	0
14460084	D14-46-P187	6.48	87 3-	1/0 ACSR 6/1	852	761	651	166	265	11	5	0.00	5.24	4
14460080	14460084	6.53	85 3-	1/0 ACSR 6/1	846	756	647	166	261	11	5	0.00	5.25	3
14460089	14460080	6.59	84 3-	1/0 ACSR 6/1	840	750	642	166	259	11	5	0.00	5.26	4
14460100	14460089	6.65	4 1-	2 ACSR 6/1	0	0	634	165	9	1	1	0.00	5.18	0
14460093	14460089	6.65	1 1-	2 ACSR 6/1	0	0	635	165	1	0	0	0.00	5.18	0
14460035	14460089	6.80	79 3-	1/0 ACSR 6/1	817	728	623	165	249	10	5	0.02	5.30	13
14450039	14460035	6.87	2 1-	2 ACSR 6/1	0	0	616	164	5	0	0	0.00	5.27	0
14450041	14450039	6.92	1 1-	2 ACSR 6/1	0	0	610	164	2	0	0	0.00	5.28	0
14450016	14460035	6.91	77 3-	1/0 ACSR 6/1	805	717	613	164	244	10	5	0.01	5.32	7
14450018	14450016	6.96	77 3-	1/0 ACSR 6/1	800	713	609	164	244	10	5	0.00	5.33	3
14450071	14450018	7.00	21 1-	2 ACSR 6/1	0	0	605	164	94	12	7	0.01	5.09	0
14450072	14450071	7.08	20 1-	2 ACSR 6/1	0	0	598	163	90	11	7	0.03	5.12	2
14450045	14450072	7.13	19 1-	2 ACSR 6/1	0	0	593	163	84	11	6	0.02	5.13	1
14450060	14450045	7.19	17 1-	2 ACSR 6/1	0	0	587	163	76	9	6	0.02	5.15	0
14450061	14450060	7.24	16 1-	2 ACSR 6/1	0	0	582	162	72	9	5	0.01	5.17	0
14450062	14450061	7.29	1 1-	2 ACSR 6/1	0	0	578	162	3	0	0	0.00	5.17	0
14450065	14450062	7.33	1 1-	2 ACSR 6/1	0	0	574	162	3	0	0	0.00	5.17	0
14450063	14450061	7.31	14 1-	2 ACSR 6/1	0	0	576	162	58	7	4	0.01	5.18	0
14450064	14450063	7.39	12 1-	2 ACSR 6/1	0	0	569	161	44	5	3	0.01	5.19	0
14450066	14450064	7.44	10 1-	2 ACSR 6/1	0	0	565	161	40	5	3	0.01	5.20	0
14450067	14450066	7.51	7 1-	2 ACSR 6/1	0	0	559	160	32	4	2	0.01	5.21	0
14450068	14450067	7.56	6 1-	2 ACSR 6/1	0	0	554	160	28	3	2	0.01	5.21	0
14450069	14450068	7.61	6 1-	2 ACSR 6/1	0	0	551	160	28	3	2	0.00	5.22	0
14450070	14450069	7.69	4 1-	2 ACSR 6/1	0	0	544	159	21	2	2	0.01	5.22	0
14460114	14450070	7.79	3 1-	2 ACSR 6/1	0	0	536	159	13	1	1	0.00	5.22	0
14450051	14460114	7.83	1 1-	2 ACSR 6/1	0	0	533	159	6	0	0	0.00	5.23	0
14450058	14450061	7.31	1 1-	2 ACSR 6/1	0	0	576	162	11	1	1	0.00	5.17	0
14450059	14450045	7.23	1 1-	2 ACSR 6/1	0	0	583	162	4	0	0	0.00	5.14	0
14450057	14450059	7.38	0 1-	2 ACSR 6/1	0	0	570	161	0	0	0	0.00	5.14	0
14450040	14450018	7.05	56 1-	2 ACSR 6/1	0	0	601	163	150	19	11	0.05	5.39	6
14450044	14450040	7.10	56 1-	2 ACSR 6/1	0	0	596	163	150	19	11	0.03	5.42	4
14450043	14450044	7.20	52 1-	2 ACSR 6/1	0	0	586	162	147	19	11	0.05	5.48	6
14450038	14450043	7.25	51 1-	2 ACSR 6/1	0	0	582	162	143	18	10	0.03	5.50	3
14450047	14450038	7.30	50 1-	2 ACSR 6/1	0	0	577	162	141	18	10	0.03	5.53	3
14450048	14450047	7.49	48 1-	2 ACSR 6/1	0	0	561	161	133	17	10	0.10	5.63	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14450073	14450048	7.53	43 1-	2 ACSR 6/1	0	0	557	160	123	16	9	0.02	5.65	2
14450075	14450073	7.66	1 1-	2 ACSR 6/1	0	0	547	160	4	0	0	0.00	5.65	0
14450074	14450073	7.77	42 1-	2 ACSR 6/1	0	0	538	159	119	15	9	0.11	5.75	10
14450050	14450074	7.85	41 1-	2 ACSR 6/1	0	0	532	158	117	15	9	0.04	5.79	3
14450054	14450050	7.96	40 1-	2 ACSR 6/1	0	0	523	158	114	15	8	0.05	5.84	5
14450056	14450054	8.07	38 1-	2 ACSR 6/1	0	0	515	157	110	14	8	0.04	5.88	4
14440009	14450056	8.19	37 1-	2 ACSR 6/1	0	0	507	156	106	14	8	0.05	5.93	4
14440007	14440009	8.44	36 1-	2 ACSR 6/1	0	0	490	155	104	13	8	0.10	6.03	9
14440005	14440007	8.56	24 1-	2 ACSR 6/1	0	0	482	154	66	8	5	0.03	6.06	1
14540036	14440005	8.72	22 1-	2 ACSR 6/1	0	0	472	153	59	7	4	0.04	6.09	2
14540034	14540036	8.79	20 1-	2 ACSR 6/1	0	0	468	153	57	7	4	0.01	6.11	0
14540037	14540034	8.84	1 1-	2 ACSR 6/1	0	0	465	152	2	0	0	0.00	6.11	0
14540040	14540037	8.89	0 1-	2 ACSR 6/1	0	0	462	152	0	0	0	0.00	6.11	0
14540014	14540034	8.88	19 1-	2 ACSR 6/1	0	0	463	152	55	7	4	0.02	6.13	0
14540041	14540014	8.96	1 1-	2 ACSR 6/1	0	0	458	152	3	0	0	0.00	6.13	0
14540038	14540014	8.92	18 1-	2 ACSR 6/1	0	0	460	152	52	6	4	0.01	6.13	0
14540039	14540038	8.95	2 1-	2 ACSR 6/1	0	0	459	152	2	0	0	0.00	6.13	0
14540049	14540039	8.97	2 1-	2 ACSR 6/1	0	0	457	152	2	0	0	0.00	6.13	0
14540044	14540038	8.94	14 1-	2 ACSR 6/1	0	0	459	152	43	5	3	0.00	6.14	0
14540045	14540044	9.08	14 1-	2 ACSR 6/1	0	0	451	151	43	5	3	0.02	6.16	0
14540048	14540045	9.17	1 1-	2 ACSR 6/1	0	0	446	151	4	0	0	0.00	6.16	0
14540046	14540045	9.12	11 1-	2 ACSR 6/1	0	0	449	151	32	4	2	0.00	6.16	0
14540051	14540046	9.15	9 1-	2 ACSR 6/1	0	0	447	151	23	3	2	0.00	6.17	0
14540053	14540051	9.21	3 1-	2 ACSR 6/1	0	0	444	150	12	1	1	0.00	6.17	0
14540052	14540051	9.22	1 1-	2 ACSR 6/1	0	0	444	150	2	0	0	0.00	6.17	0
14540057	14540051	9.22	3 1-	2 ACSR 6/1	0	0	444	150	7	0	0	0.00	6.17	0
14540056	14540051	9.25	1 1-	2 ACSR 6/1	0	0	442	150	1	0	0	0.00	6.17	0
14540064	14540036	8.81	0 1-	2 ACSR 6/1	0	0	467	153	0	0	0	0.00	6.09	0
14540035	14440005	8.65	1 1-	2 ACSR 6/1	0	0	476	154	1	0	0	0.00	6.06	0
14440008	14440007	8.59	11 1-	2 ACSR 6/1	0	0	480	154	37	4	3	0.02	6.05	0
14440006	14440008	8.69	10 1-	2 ACSR 6/1	0	0	474	153	33	4	2	0.01	6.06	0
14540058	14440006	8.75	8 1-	2 ACSR 6/1	0	0	471	153	26	3	2	0.00	6.07	0
14540060	14540058	8.81	3 1-	2 ACSR 6/1	0	0	467	153	11	1	1	0.00	6.07	0
14540059	14540058	8.79	2 1-	2 ACSR 6/1	0	0	468	153	6	0	0	0.00	6.07	0
14450055	14450054	8.04	1 1-	2 ACSR 6/1	0	0	518	157	1	0	0	0.00	5.84	0
14450049	14450074	7.84	1 1-	2 ACSR 6/1	0	0	532	158	2	0	0	0.00	5.75	0
14450052	14450048	7.54	5 1-	2 ACSR 6/1	0	0	556	160	9	1	1	0.00	5.63	0
14450053	14450052	7.73	1 1-	2 ACSR 6/1	0	0	541	159	2	0	0	0.00	5.63	0
14450046	14450038	7.31	1 1-	2 ACSR 6/1	0	0	576	162	2	0	0	0.00	5.50	0
14450042	14450044	7.16	1 1-	2 ACSR 6/1	0	0	590	163	1	0	0	0.00	5.42	0
14450017	14450016	7.03	0 1-	2 ACSR 6/1	0	0	602	164	0	0	0	0.00	5.32	0
14460135	14460074	6.20	0 1-	2 ACSR 6/1	0	0	680	168	0	0	0	0.00	4.99	0
14460073	14460072	6.13	6 1-	2 ACSR 6/1	0	0	688	168	18	2	1	0.01	4.91	0
14460066	14460073	6.16	4 1-	2 ACSR 6/1	0	0	685	168	15	1	1	0.00	4.91	0
14460067	14460066	6.18	1 1-	2 ACSR 6/1	0	0	682	168	4	0	0	0.00	4.91	0
14460065	14460073	6.19	2 1-	2 ACSR 6/1	0	0	681	168	2	0	0	0.00	4.91	0
14460034	14460092	5.49	197 3-	2 ACSR 6/1	1010	912	779	173	629	27	15	0.05	4.84	20
D14-56-P091	14460034	5.49	197 3-	REC-50-H	1010	912	779	173	629	27	55	0.00	4.84	0
14560025	D14-56-P091	5.53	197 3-	2 ACSR 6/1	1002	904	772	172	629	27	15	0.04	4.87	15
14560026	14560025	5.60	195 3-	2 ACSR 6/1	990	892	762	172	621	27	15	0.06	4.91	23
14560049	14560026	5.61	4 1-	2 ACSR 6/1	0	0	760	172	12	1	1	0.00	4.65	0
14560050	14560049	5.64	3 1-	2 ACSR 6/1	0	0	757	172	9	1	1	0.00	4.65	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14560043	14560026	5.64	16 1-	2 ACSR 6/1	0	0	756	172	56	7	4	0.01	4.96	0
14560044	14560043	5.73	14 1-	2 ACSR 6/1	0	0	743	171	48	6	4	0.02	4.98	0
14560030	14560044	5.81	1 1-	2 ACSR 6/1	0	0	731	170	1	0	0	0.00	4.98	0
14560011	14560044	5.79	13 1-	2 ACSR 6/1	0	0	734	171	47	6	3	0.01	4.99	0
14560046	14560011	5.81	12 1-	2 ACSR 6/1	0	0	731	170	40	5	3	0.00	4.99	0
14560047	14560046	5.87	11 1-	2 ACSR 6/1	0	0	722	170	34	4	2	0.01	5.00	0
14460124	14560047	5.94	1 1-	2 ACSR 6/1	0	0	714	170	10	1	1	0.00	5.00	0
14460091	14560047	5.96	8 1-	2 ACSR 6/1	0	0	710	169	20	2	1	0.01	5.01	0
14460117	14460091	5.98	4 1-	2 ACSR 6/1	0	0	708	169	12	1	1	0.00	5.01	0
14460115	14460091	6.02	4 1-	2 ACSR 6/1	0	0	703	169	8	1	1	0.00	5.01	0
14460116	14460115	6.06	3 1-	2 ACSR 6/1	0	0	697	169	4	0	0	0.00	5.01	0
14560045	14560011	5.83	1 1-	2 ACSR 6/1	0	0	728	170	7	0	0	0.00	4.99	0
14560012	14560026	5.62	175 3-	2 ACSR 6/1	985	887	758	172	553	24	13	0.02	4.93	7
14560051	14560012	5.68	173 3-	2 ACSR 6/1	975	878	751	171	533	23	13	0.03	4.96	13
14560052	14560051	5.76	172 3-	2 ACSR 6/1	961	864	739	171	525	22	13	0.05	5.00	19
14560053	14560052	5.79	1 1-	2 ACSR 6/1	0	0	734	171	10	1	1	0.00	5.06	0
14560013	14560052	5.80	171 3-	2 ACSR 6/1	953	857	733	170	514	22	13	0.03	5.02	10
14560059	14560013	5.84	7 1-	2 ACSR 6/1	0	0	727	170	34	4	2	0.00	5.09	0
14560033	14560059	5.87	2 1-	2 ACSR 6/1	0	0	722	170	14	1	1	0.00	5.09	0
14560060	14560059	5.88	3 1-	2 ACSR 6/1	0	0	721	170	12	1	1	0.00	5.09	0
14560061	14560060	5.92	3 1-	2 ACSR 6/1	0	0	716	170	12	1	1	0.00	5.09	0
14560036	14560061	5.99	2 1-	2 ACSR 6/1	0	0	706	169	9	1	1	0.00	5.09	0
14560037	14560036	6.04	1 1-	2 ACSR 6/1	0	0	700	169	2	0	0	0.00	5.09	0
14560034	14560013	5.85	164 3-	2 ACSR 6/1	945	849	726	170	480	21	12	0.02	5.05	9
14560072	14560034	5.99	8 1-	2 ACSR 6/1	0	0	707	169	29	3	2	0.01	4.79	0
14570017	14560072	6.06	6 1-	2 ACSR 6/1	0	0	698	169	25	3	2	0.01	4.79	0
14570021	14570017	6.12	1 1-	2 ACSR 6/1	0	0	690	168	2	0	0	0.00	4.79	0
14570019	14570017	6.11	5 1-	2 ACSR 6/1	0	0	691	168	23	3	2	0.00	4.80	0
14570022	14570019	6.17	2 1-	2 ACSR 6/1	0	0	683	168	9	1	1	0.00	4.80	0
14570020	14570019	6.17	1 1-	2 ACSR 6/1	0	0	684	168	6	0	0	0.00	4.80	0
14570056	14570020	6.22	1 1-	2 ACSR 6/1	0	0	678	168	6	0	0	0.00	4.80	0
14560035	14560034	5.92	153 3-	2 ACSR 6/1	933	837	716	170	448	19	11	0.03	5.08	12
14560062	14560035	6.00	31 1-	2 ACSR 6/1	0	0	705	169	103	13	8	0.03	5.33	3
14570014	14560062	6.06	2 1-	2 ACSR 6/1	0	0	698	169	4	0	0	0.00	5.33	0
14570033	14560062	6.13	4 1-	2 ACSR 6/1	0	0	688	168	13	1	1	0.01	5.34	0
14570034	14570033	6.18	2 1-	2 ACSR 6/1	0	0	682	168	9	1	1	0.00	5.34	0
14570028	14560062	6.06	1 1-	2 ACSR 6/1	0	0	698	169	1	0	0	0.00	5.33	0
14570031	14560062	6.15	24 1-	2 ACSR 6/1	0	0	686	168	86	11	6	0.05	5.38	3
14570032	14570031	6.19	23 1-	2 ACSR 6/1	0	0	681	168	85	11	6	0.01	5.39	0
14570029	14570032	6.27	22 1-	2 ACSR 6/1	0	0	671	167	83	11	6	0.03	5.42	2
14570039	14570029	6.34	18 1-	2 ACSR 6/1	0	0	662	167	59	7	4	0.02	5.43	0
14570047	14570039	6.40	1 1-	2 ACSR 6/1	0	0	656	166	2	0	0	0.00	5.43	0
14570051	14570047	6.44	0 1-	2 ACSR 6/1	0	0	652	166	0	0	0	0.00	5.43	0
14570046	14570039	6.39	15 1-	2 ACSR 6/1	0	0	658	166	56	7	4	0.01	5.44	0
14570052	14570046	6.42	14 1-	2 ACSR 6/1	0	0	654	166	52	6	4	0.01	5.45	0
14570054	14570052	6.45	3 1-	2 ACSR 6/1	0	0	650	166	15	2	1	0.00	5.45	0
14570050	14570054	6.50	2 1-	2 ACSR 6/1	0	0	645	166	10	1	1	0.00	5.45	0
14570053	14570052	6.47	9 1-	2 ACSR 6/1	0	0	648	166	32	4	2	0.01	5.45	0
14570013	14570053	6.52	7 1-	2 ACSR 6/1	0	0	643	166	29	3	2	0.00	5.46	0
14570049	14570013	6.58	5 1-	2 ACSR 6/1	0	0	636	165	22	2	2	0.00	5.46	0
14570018	14570049	6.64	3 1-	2 ACSR 6/1	0	0	629	165	17	2	1	0.00	5.47	0
14570048	14570013	6.62	1 1-	2 ACSR 6/1	0	0	632	165	1	0	0	0.00	5.46	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14570041	14570053	6.49	2 1-	2 ACSR 6/1	0	0	646	166	3	0	0	0.00	5.45	0
14570042	14570041	6.60	1 1-	2 ACSR 6/1	0	0	634	165	2	0	0	0.00	5.46	0
14570040	14570039	6.46	1 1-	2 ACSR 6/1	0	0	649	166	2	0	0	0.00	5.43	0
14570043	14570029	6.32	4 1-	2 ACSR 6/1	0	0	665	167	24	3	2	0.00	5.42	0
14570044	14570043	6.41	3 1-	2 ACSR 6/1	0	0	655	166	17	2	1	0.00	5.43	0
14570045	14570044	6.46	1 1-	2 ACSR 6/1	0	0	649	166	8	0	1	0.00	5.43	0
14560063	14560035	5.94	119 3-	2 ACSR 6/1	929	834	713	169	333	14	8	0.01	5.09	3
14560064	14560063	6.00	116 3-	2 ACSR 6/1	919	824	705	169	323	14	8	0.03	5.11	7
14560065	14560064	6.05	110 3-	2 ACSR 6/1	910	816	698	169	302	13	7	0.02	5.12	6
14560066	14560065	6.15	107 3-	2 ACSR 6/1	894	801	686	168	298	13	7	0.04	5.15	11
14560068	14560066	6.27	105 3-	2 ACSR 6/1	877	784	672	167	293	12	7	0.04	5.19	12
14560055	14560068	6.32	100 3-	2 ACSR 6/1	869	776	665	167	267	11	7	0.02	5.20	5
14560073	14560055	6.38	99 3-	2 ACSR 6/1	860	768	658	167	262	11	6	0.02	5.22	5
14560074	14560073	6.41	98 3-	2 ACSR 6/1	856	764	655	166	258	11	6	0.01	5.23	2
14560070	14560074	6.46	93 3-	2 ACSR 6/1	848	756	649	166	252	11	6	0.02	5.24	5
14560071	14560070	6.50	1 1-	2 ACSR 6/1	0	0	645	166	3	0	0	0.00	5.29	0
14560010	14560070	6.52	92 3-	2 ACSR 6/1	839	748	642	166	249	10	6	0.02	5.26	5
14560028	14560010	6.59	90 3-	2 ACSR 6/1	830	739	634	165	240	10	6	0.02	5.28	5
14560022	14560028	6.68	89 3-	2 ACSR 6/1	818	729	625	165	238	10	6	0.02	5.30	7
14660073	14560022	6.71	1 1-	2 ACSR 6/1	0	0	622	164	2	0	0	0.00	5.22	0
14660072	14560022	6.74	41 1-	2 ACSR 6/1	0	0	619	164	111	14	8	0.03	5.42	2
D14-66-P009	14660072	6.74	41 1-	REC-35-H	0	0	619	164	111	14	42	0.00	5.42	0
14660040	D14-66-P009	6.81	41 1-	2 ACSR 6/1	0	0	612	164	111	14	8	0.03	5.45	3
14660059	14660040	6.93	1 1-	2 ACSR 6/1	0	0	600	163	2	0	0	0.00	5.45	0
14660057	14660040	6.89	40 1-	2 ACSR 6/1	0	0	603	163	108	14	8	0.03	5.48	3
14660058	14660057	7.07	38 1-	2 ACSR 6/1	0	0	587	162	105	13	8	0.07	5.55	6
14660056	14660058	7.17	36 1-	2 ACSR 6/1	0	0	577	161	104	13	8	0.04	5.59	3
14660045	14660056	7.42	30 1-	2 ACSR 6/1	0	0	556	160	88	11	6	0.08	5.67	6
14660046	14660045	7.58	29 1-	2 ACSR 6/1	0	0	543	159	87	11	6	0.05	5.73	4
14660039	14660046	7.95	18 1-	2 ACSR 6/1	0	0	515	157	52	6	4	0.07	5.80	3
14660068	14660039	7.99	7 1-	2 ACSR 6/1	0	0	512	156	14	1	1	0.00	5.80	0
14660069	14660068	8.07	6 1-	2 ACSR 6/1	0	0	506	156	11	1	1	0.00	5.80	0
14660070	14660069	8.11	5 1-	2 ACSR 6/1	0	0	503	156	9	1	1	0.00	5.81	0
14660047	14660070	8.85	3 1-	2 ACSR 6/1	0	0	457	151	4	0	0	0.01	5.81	0
14750001	14660047	8.92	2 1-	2 ACSR 6/1	0	0	453	151	1	0	0	0.00	5.81	0
14660067	14660039	8.08	11 1-	2 ACSR 6/1	0	0	505	156	38	5	3	0.02	5.82	0
14660075	14660067	8.18	9 1-	2 ACSR 6/1	0	0	498	155	32	4	2	0.01	5.83	0
14660060	14660075	8.24	8 1-	2 ACSR 6/1	0	0	494	155	27	3	2	0.01	5.83	0
14650038	14660060	8.30	4 1-	2 ACSR 6/1	0	0	490	154	14	1	1	0.00	5.84	0
14650039	14650038	8.57	0 1-	2 ACSR 6/1	0	0	473	153	0	0	0	0.00	5.84	0
14650040	14650038	8.34	4 1-	2 ACSR 6/1	0	0	488	154	14	1	1	0.00	5.84	0
14650042	14650040	8.58	2 1-	2 ACSR 6/1	0	0	473	153	4	0	0	0.00	5.84	0
14650045	14650042	8.63	1 1-	2 ACSR 6/1	0	0	470	153	2	0	0	0.00	5.84	0
14650043	14650045	8.72	0 1-	2 ACSR 6/1	0	0	464	152	0	0	0	0.00	5.84	0
14650046	14650043	8.78	0 1-	2 ACSR 6/1	0	0	461	152	0	0	0	0.00	5.84	0
14650041	14650040	8.38	2 1-	2 ACSR 6/1	0	0	485	154	10	1	1	0.00	5.84	0
14650024	14650041	8.42	1 1-	2 ACSR 6/1	0	0	483	154	6	0	0	0.00	5.84	0
14650022	14650041	8.43	1 1-	2 ACSR 6/1	0	0	482	154	3	0	0	0.00	5.84	0
14650023	14650022	8.47	0 1-	2 ACSR 6/1	0	0	479	153	0	0	0	0.00	5.84	0
14-65-P045-A	14650023	8.47	0 1-	Open	0	0	479	153	0	0	0	0.00	5.84	0
14650031	14660060	8.28	1 1-	2 ACSR 6/1	0	0	491	155	8	1	1	0.00	5.84	0
14660074	14660067	8.13	1 1-	2 ACSR 6/1	0	0	502	155	3	0	0	0.00	5.82	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14660080	14660046	7.74	11 1-	2 ACSR 6/1	0	0	530	158	34	4	3	0.02	5.75	0
14660082	14660080	7.78	1 1-	2 ACSR 6/1	0	0	527	158	2	0	0	0.00	5.75	0
14660081	14660080	7.82	9 1-	2 ACSR 6/1	0	0	524	157	29	3	2	0.01	5.75	0
14660083	14660081	7.91	7 1-	2 ACSR 6/1	0	0	517	157	24	3	2	0.01	5.76	0
14660084	14660083	8.02	6 1-	2 ACSR 6/1	0	0	509	156	22	2	2	0.01	5.77	0
14660085	14660084	8.11	5 1-	2 ACSR 6/1	0	0	503	156	20	2	1	0.01	5.78	0
14660049	14660085	8.16	2 1-	2 ACSR 6/1	0	0	500	155	8	1	1	0.00	5.78	0
14760004	14660049	8.37	0 1-	2 ACSR 6/1	0	0	486	154	0	0	0	0.00	5.78	0
14660086	14660085	8.16	3 1-	2 ACSR 6/1	0	0	500	155	11	1	1	0.00	5.78	0
14660078	14660086	8.22	1 1-	2 ACSR 6/1	0	0	496	155	6	0	0	0.00	5.78	0
14660048	14660078	8.28	0 1-	2 ACSR 6/1	0	0	492	155	0	0	0	0.00	5.78	0
14660050	14660086	8.20	1 1-	2 ACSR 6/1	0	0	497	155	2	0	0	0.00	5.78	0
14660051	14660081	8.11	2 1-	2 ACSR 6/1	0	0	503	156	5	0	0	0.01	5.76	0
14760011	14660051	8.23	1 1-	2 ACSR 6/1	0	0	495	155	4	0	0	0.00	5.76	0
14760010	14660051	8.19	1 1-	2 ACSR 6/1	0	0	498	155	1	0	0	0.00	5.76	0
14760003	14760010	8.30	0 1-	2 ACSR 6/1	0	0	491	154	0	0	0	0.00	5.76	0
14760007	14760003	8.42	0 1-	2 ACSR 6/1	0	0	483	154	0	0	0	0.00	5.76	0
14760008	14760007	8.50	0 1-	2 ACSR 6/1	0	0	478	153	0	0	0	0.00	5.76	0
14760006	14760003	8.38	0 1-	2 ACSR 6/1	0	0	485	154	0	0	0	0.00	5.76	0
14760005	14760010	8.27	1 1-	2 ACSR 6/1	0	0	492	155	1	0	0	0.00	5.76	0
14660044	14660056	7.25	6 1-	2 ACSR 6/1	0	0	570	161	16	2	1	0.00	5.60	0
14660052	14660044	7.39	5 1-	2 ACSR 6/1	0	0	558	160	13	1	1	0.01	5.60	0
14660053	14660052	7.44	3 1-	2 ACSR 6/1	0	0	554	160	9	1	1	0.00	5.60	0
14660054	14660053	7.61	3 1-	2 ACSR 6/1	0	0	540	159	9	1	1	0.00	5.61	0
14660055	14660054	7.76	2 1-	2 ACSR 6/1	0	0	528	158	6	0	0	0.00	5.61	0
14650013	14660055	7.84	1 1-	2 ACSR 6/1	0	0	522	157	2	0	0	0.00	5.61	0
14650025	14660055	7.80	1 1-	2 ACSR 6/1	0	0	525	157	4	0	0	0.00	5.61	0
14650026	14650025	7.82	1 1-	2 ACSR 6/1	0	0	524	157	4	0	0	0.00	5.61	0
14650012	14650026	7.86	0 1-	2 ACSR 6/1	0	0	521	157	0	0	0	0.00	5.61	0
14660071	14560022	6.76	45 1-	2 ACSR 6/1	0	0	617	164	121	15	9	0.04	5.25	4
				REC-35-H	0	0	617	164	121	15	46	0.00	5.25	0
D14-66-P004	14660071	6.76	45 1-	2 ACSR 6/1	0	0	609	163	121	15	9	0.04	5.29	4
14660061	D14-66-P004	6.84	45 1-	2 ACSR 6/1	0	0	617	163	121	15	9	0.04	5.29	4
14660062	14660061	6.87	44 1-	2 ACSR 6/1	0	0	605	163	117	15	9	0.01	5.31	1
14660043	14660062	6.97	40 1-	2 ACSR 6/1	0	0	596	163	105	13	8	0.04	5.34	3
14660079	14660043	7.03	1 1-	2 ACSR 6/1	0	0	591	162	2	0	0	0.00	5.34	0
14660076	14660043	7.04	39 1-	2 ACSR 6/1	0	0	589	162	104	13	8	0.03	5.37	2
14660077	14660076	7.12	38 1-	2 ACSR 6/1	0	0	582	162	100	13	7	0.03	5.40	2
14670037	14660077	7.27	36 1-	2 ACSR 6/1	0	0	568	161	96	12	7	0.05	5.46	4
14670039	14670037	7.31	33 1-	2 ACSR 6/1	0	0	565	160	91	11	7	0.01	5.47	0
14670034	14670039	7.37	1 1-	2 ACSR 6/1	0	0	560	160	4	0	0	0.00	5.47	0
14670019	14670039	7.36	32 1-	2 ACSR 6/1	0	0	561	160	87	11	6	0.01	5.48	0
14670041	14670019	7.45	30 1-	2 ACSR 6/1	0	0	553	160	79	10	6	0.03	5.51	2
14670043	14670041	7.50	29 1-	2 ACSR 6/1	0	0	549	159	71	9	5	0.01	5.53	0
14670044	14670043	7.54	1 1-	2 ACSR 6/1	0	0	545	159	2	0	0	0.00	5.53	0
14670038	14670043	7.53	27 1-	2 ACSR 6/1	0	0	547	159	68	8	5	0.01	5.53	0
14670035	14670038	7.60	26 1-	2 ACSR 6/1	0	0	541	159	61	8	4	0.02	5.55	0
14670036	14670035	7.72	25 1-	2 ACSR 6/1	0	0	532	158	61	7	4	0.03	5.58	1
				FUS-40	0	0	532	158	45	5	17	0.00	5.58	0
D14-67-P013	14670036	7.72	19 1-	2 ACSR 6/1	0	0	528	158	45	5	3	0.01	5.58	0
14670022	D14-67-P013	7.76	19 1-	2 ACSR 6/1	0	0	528	158	45	5	3	0.01	5.58	0
14670046	14670022	7.84	1 1-	2 ACSR 6/1	0	0	522	157	5	0	0	0.00	5.58	0
14670020	14670022	7.82	18 1-	2 ACSR 6/1	0	0	524	157	40	5	3	0.01	5.59	0
14670023	14670020	7.87	1 1-	2 ACSR 6/1	0	0	521	157	7	0	1	0.00	5.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14670021	14670020	7.86	17 1-	2 ACSR 6/1	0	0	521	157	33	4	2	0.01	5.60	0
14670030	14670021	7.92	11 1-	2 ACSR 6/1	0	0	516	157	21	2	2	0.00	5.60	0
14670031	14670030	8.30	11 1-	2 ACSR 6/1	0	0	490	154	21	2	2	0.03	5.63	0
14670026	14670031	8.50	2 1-	2 ACSR 6/1	0	0	477	153	3	0	0	0.00	5.63	0
14670027	14670026	8.60	1 1-	2 ACSR 6/1	0	0	471	153	2	0	0	0.00	5.63	0
14670025	14670031	8.40	8 1-	2 ACSR 6/1	0	0	484	154	18	2	1	0.01	5.64	0
14670053	14670025	8.61	4 1-	2 ACSR 6/1	0	0	471	153	9	1	1	0.01	5.65	0
14670055	14670053	8.85	1 1-	2 ACSR 6/1	0	0	457	151	5	0	0	0.00	5.65	0
14670054	14670053	8.95	3 1-	2 ACSR 6/1	0	0	451	151	5	0	0	0.00	5.65	0
14670049	14670025	8.80	4 1-	2 ACSR 6/1	0	0	460	152	8	1	1	0.01	5.65	0
14680041	14670049	8.89	4 1-	2 ACSR 6/1	0	0	454	151	8	1	1	0.00	5.65	0
14680028	14680041	8.91	1 1-	2 ACSR 6/1	0	0	453	151	3	0	0	0.00	5.66	0
14680010	14680041	8.93	3 1-	2 ACSR 6/1	0	0	452	151	6	0	0	0.00	5.66	0
14680011	14680010	9.07	2 1-	2 ACSR 6/1	0	0	444	150	6	0	0	0.00	5.66	0
14580021	14680011	9.14	1 1-	2 ACSR 6/1	0	0	441	150	3	0	0	0.00	5.66	0
14680029	14680010	9.03	1 1-	2 ACSR 6/1	0	0	446	150	0	0	0	0.00	5.66	0
14670028	14670021	7.93	6 1-	2 ACSR 6/1	0	0	516	157	12	1	1	0.00	5.60	0
14670029	14670028	7.97	4 1-	2 ACSR 6/1	0	0	513	156	8	1	1	0.00	5.60	0
14670024	14670029	8.11	1 1-	2 ACSR 6/1	0	0	503	156	3	0	0	0.00	5.60	0
14670048	14670036	7.80	5 1-	2 ACSR 6/1	0	0	525	157	13	1	1	0.00	5.58	0
14670045	14670048	7.97	4 1-	2 ACSR 6/1	0	0	513	156	8	1	1	0.00	5.58	0
14670032	14670045	8.05	3 1-	2 ACSR 6/1	0	0	507	156	5	0	0	0.00	5.58	0
14770004	14670032	8.20	2 1-	2 ACSR 6/1	0	0	497	155	1	0	0	0.00	5.58	0
14770005	14770004	8.28	0 1-	2 ACSR 6/1	0	0	492	155	0	0	0	0.00	5.58	0
14770006	14770005	8.40	0 1-	2 ACSR 6/1	0	0	484	154	0	0	0	0.00	5.58	0
14670047	14670036	7.76	1 1-	2 ACSR 6/1	0	0	528	158	3	0	0	0.00	5.58	0
14670042	14670041	7.58	1 1-	2 ACSR 6/1	0	0	543	159	8	1	1	0.00	5.51	0
14670040	14670019	7.44	2 1-	2 ACSR 6/1	0	0	554	160	8	1	1	0.00	5.48	0
14670033	14660077	7.29	1 1-	2 ACSR 6/1	0	0	567	161	3	0	0	0.00	5.40	0
14660041	14660062	6.92	3 1-	2 ACSR 6/1	0	0	601	163	5	0	0	0.00	5.31	0
14660042	14660041	6.98	2 1-	2 ACSR 6/1	0	0	595	163	3	0	0	0.00	5.31	0
14660066	14660042	7.04	1 1-	2 ACSR 6/1	0	0	589	162	1	0	0	0.00	5.31	0
14660065	14660042	7.04	1 1-	2 ACSR 6/1	0	0	590	162	2	0	0	0.00	5.31	0
14660064	14660041	7.01	1 1-	2 ACSR 6/1	0	0	592	162	2	0	0	0.00	5.31	0
14660063	14660062	6.93	1 1-	2 ACSR 6/1	0	0	600	163	6	0	0	0.00	5.31	0
14560018	14560010	6.62	2 1-	2 ACSR 6/1	0	0	632	165	9	1	1	0.00	5.14	0
14560069	14560074	6.45	4 1-	2 ACSR 6/1	0	0	650	166	5	0	0	0.00	5.32	0
14560024	14560069	6.60	3 1-	2 ACSR 6/1	0	0	634	165	4	0	0	0.00	5.32	0
14560023	14560069	6.53	1 1-	2 ACSR 6/1	0	0	641	166	1	0	0	0.00	5.32	0
14560054	14560068	6.33	4 1-	2 ACSR 6/1	0	0	665	167	18	2	1	0.00	5.28	0
14560020	14560054	6.43	3 1-	2 ACSR 6/1	0	0	652	166	10	1	1	0.00	5.28	0
14560021	14560020	6.50	1 1-	2 ACSR 6/1	0	0	645	166	6	0	0	0.00	5.29	0
14560019	14560054	6.37	1 1-	2 ACSR 6/1	0	0	659	167	7	0	1	0.00	5.28	0
14560067	14560066	6.20	1 1-	2 ACSR 6/1	0	0	680	168	2	0	0	0.00	5.23	0
14560038	14560065	6.10	2 1-	2 ACSR 6/1	0	0	692	168	4	0	0	0.00	5.20	0
14560048	14560012	5.65	2 1-	2 ACSR 6/1	0	0	754	171	20	2	1	0.00	4.97	0
14560078	14560048	5.68	1 1-	2 ACSR 6/1	0	0	749	171	7	0	1	0.00	4.98	0
14470038	14470042	5.30	4 1-	2 ACSR 6/1	0	0	804	173	9	1	1	0.00	4.61	0
14470039	14470038	5.40	2 1-	2 ACSR 6/1	0	0	786	173	8	0	1	0.00	4.61	0
14470037	14470039	5.47	1 1-	2 ACSR 6/1	0	0	775	172	3	0	0	0.00	4.61	0
14470036	14470039	5.45	1 1-	2 ACSR 6/1	0	0	778	172	5	0	0	0.00	4.61	0
14470068	14470054	5.05	1 1-	2 ACSR 6/1	0	0	842	175	7	0	1	0.00	4.45	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14470074	14470054	5.02	11 1-	2 ACSR 6/1	0	0	848	175	42	5	3	0.00	4.21	0
14470075	14470074	5.05	10 1-	2 ACSR 6/1	0	0	841	175	33	4	2	0.00	4.21	0
14470076	14470075	5.11	8 1-	2 ACSR 6/1	0	0	830	174	23	2	2	0.00	4.22	0
14470052	14470076	5.16	5 1-	2 ACSR 6/1	0	0	822	174	13	1	1	0.00	4.22	0
14470073	14470052	5.21	4 1-	2 ACSR 6/1	0	0	814	174	10	1	1	0.00	4.22	0
14470072	14470073	5.25	4 1-	2 ACSR 6/1	0	0	806	173	10	1	1	0.00	4.22	0
14460094	14470072	5.30	3 1-	2 ACSR 6/1	0	0	798	173	10	1	1	0.00	4.23	0
14460129	14460094	5.58	1 1-	2 ACSR 6/1	0	0	754	171	5	0	0	0.00	4.23	0
14470051	14470076	5.14	1 1-	2 ACSR 6/1	0	0	826	174	3	0	0	0.00	4.22	0
14470048	14470047	4.93	8 1-	2 ACSR 6/1	0	0	862	176	29	3	2	0.00	4.13	0
14470033	14470048	5.00	4 1-	2 ACSR 6/1	0	0	848	175	15	1	1	0.00	4.13	0
14470034	14470033	5.04	3 1-	2 ACSR 6/1	0	0	841	175	9	1	1	0.00	4.13	0
14470032	14470048	4.98	2 1-	2 ACSR 6/1	0	0	853	175	5	0	0	0.00	4.13	0
14470018	14570026	4.89	5 1-	2 ACSR 6/1	0	0	867	176	27	3	2	0.00	4.33	0
14470028	14470018	4.96	4 1-	2 ACSR 6/1	0	0	855	175	21	2	2	0.00	4.33	0
14470020	14480062	4.16	4 3-	1/0 ACSR 6/1	1276	1167	1007	180	24	1	0	0.00	3.57	0
14470021	14470020	4.33	1 1-	2 ACSR 6/1	0	0	965	178	8	1	1	0.00	3.30	0
14470031	14470020	4.23	3 3-	1/0 ACSR 6/1	1259	1150	992	179	16	0	0	0.00	3.57	0
14470043	14470031	4.29	2 1-	2 ACSR 6/1	0	0	977	179	8	1	1	0.00	3.30	0
14470030	14470043	4.41	1 1-	2 ACSR 6/1	0	0	950	178	4	0	0	0.00	3.30	0
14470027	14470043	4.33	1 1-	2 ACSR 6/1	0	0	968	178	4	0	0	0.00	3.30	0
14480039	14480112	4.08	8 1-	2 ACSR 6/1	0	0	1013	179	38	4	3	0.04	3.43	1
14570023	14480039	4.17	5 1-	2 ACSR 6/1	0	0	989	179	36	4	3	0.01	3.44	0
14570024	14570023	4.21	2 1-	2 ACSR 6/1	0	0	980	178	17	2	1	0.00	3.44	0
14570025	14570024	4.28	2 1-	2 ACSR 6/1	0	0	962	178	17	2	1	0.00	3.45	0
14570015	14570024	4.24	0 1-	2 ACSR 6/1	0	0	971	178	0	0	0	0.00	3.44	0
14570016	14570015	4.37	0 1-	2 ACSR 6/1	0	0	942	177	0	0	0	0.00	3.44	0
14570037	14480039	4.14	2 1-	2 ACSR 6/1	0	0	996	179	0	0	0	0.00	3.43	0
14570036	14480039	4.17	1 1-	2 ACSR 6/1	0	0	990	179	2	0	0	0.00	3.43	0
14480048	14480103	3.56	12 1-	2 ACSR 6/1	0	0	1154	183	55	7	4	0.00	3.16	0
14480056	14480048	3.60	11 1-	2 ACSR 6/1	0	0	1141	182	49	6	4	0.01	3.17	0
14480055	14480056	3.64	10 1-	2 ACSR 6/1	0	0	1130	182	44	5	3	0.01	3.17	0
14480054	14480055	3.72	9 1-	2 ACSR 6/1	0	0	1105	181	38	4	3	0.01	3.18	0
14480049	14480054	3.76	5 1-	2 ACSR 6/1	0	0	1093	181	19	2	1	0.00	3.18	0
14480061	14480049	3.79	4 1-	2 ACSR 6/1	0	0	1082	181	15	2	1	0.00	3.18	0
14580035	14480061	3.83	3 1-	2 ACSR 6/1	0	0	1071	181	13	1	1	0.00	3.18	0
14580032	14580035	3.87	1 1-	2 ACSR 6/1	0	0	1060	180	1	0	0	0.00	3.18	0
14480059	14480096	3.70	3 1-	2 ACSR 6/1	0	0	1105	181	10	1	1	0.01	3.27	0
14580034	14480059	3.80	1 1-	2 ACSR 6/1	0	0	1073	180	5	0	0	0.00	3.27	0
14580033	14480059	3.79	1 1-	2 ACSR 6/1	0	0	1078	181	3	0	0	0.00	3.27	0
14480043	14480045	3.25	23 3-	4/0 ACSR 6/1	1545	1431	1253	184	125	5	2	0.00	2.77	0
14480092	14480043	3.28	23 3-	4/0 ACSR 6/1	1537	1423	1244	184	125	5	2	0.00	2.78	0
14480100	14480092	3.30	4 1-	2 ACSR 6/1	0	0	1236	184	18	2	1	0.00	2.51	0
14480101	14480100	3.33	3 1-	2 ACSR 6/1	0	0	1226	184	10	1	1	0.00	2.51	0
14480093	14480092	3.37	18 3-	4/0 ACSR 6/1	1514	1400	1220	184	103	4	1	0.00	2.78	0
14480082	14480093	3.40	4 1-	2 ACSR 6/1	0	0	1208	184	19	2	1	0.00	2.52	0
14480070	14480093	3.41	14 3-	4/0 ACSR 6/1	1503	1390	1209	184	84	3	1	0.00	2.78	0
14480116	14480070	3.43	14 3-	4/0 ACSR 6/1	1498	1385	1204	184	84	3	1	0.00	2.78	0
14480120	14480116	3.51	0 1-	2 ACSR 6/1	0	0	1176	183	0	0	0	0.00	2.52	0
14480117	14480116	3.47	11 3-	4/0 ACSR 6/1	1488	1375	1194	184	65	2	1	0.00	2.78	0
14480121	14480117	3.50	10 3-	4/0 ACSR 6/1	1481	1368	1187	184	58	2	1	0.00	2.78	0
14480122	14480121	3.55	9 3-	4/0 ACSR 6/1	1466	1354	1172	183	56	2	1	0.00	2.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14480129	14480122	3.68	7 3-	4/0 ACSR 6/1	1436	1324	1142	183	46	1	1	0.00	2.78	0
14480136	14480129	3.70	6 3-	4/0 ACSR 6/1	1430	1319	1137	183	38	1	0	0.00	2.79	0
D14-48-P199	14480136	3.70	6 1-	FUS	0	0	1137	183	38	4	112	0.00	2.54	0
14480127	D14-48-P199	3.73	6 1-	2 ACSR 6/1	0	0	1126	183	38	4	3	0.00	2.54	0
14480137	14480127	3.76	5 1-	2 ACSR 6/1	0	0	1117	182	32	4	2	0.00	2.54	0
14480128	14480137	3.79	4 1-	2 ACSR 6/1	0	0	1109	182	25	3	2	0.00	2.55	0
14480132	14480128	3.83	3 1-	2 ACSR 6/1	0	0	1098	182	21	2	1	0.00	2.55	0
14480133	14480132	3.88	1 1-	2 ACSR 6/1	0	0	1081	181	8	0	1	0.00	2.55	0
14480131	14480128	3.82	1 1-	2 ACSR 6/1	0	0	1100	182	5	0	0	0.00	2.55	0
14480130	14480136	3.73	0 3-	4/0 ACSR 6/1	1425	1314	1131	183	0	0	0	0.00	2.79	0
14480046	14480130	3.73	0 3-	4/0 ACSR 6/1	1423	1311	1129	183	0	0	0	0.00	2.79	0
14-48-P050-B	14480046	3.73	0 3-	Open	1423	1311	1129	183	0	0	0	0.00	2.79	0
14480044	14480043	3.80	0 1-	2 ACSR 6/1	0	0	1067	180	0	0	0	0.00	2.51	0
14480037	14480045	3.27	90 3-	2 ACSR 6/1	1531	1417	1240	184	512	22	12	0.04	2.80	15
D14-48-P028	14480037	3.27	90 3-	REC-70-4H	1531	1417	1240	184	512	22	32	0.00	2.80	0
14480075	D14-48-P028	3.36	90 3-	2 ACSR 6/1	1497	1382	1209	183	512	22	12	0.06	2.85	23
14480079	14480075	3.43	1 1-	2 ACSR 6/1	0	0	1184	183	1	0	0	0.00	3.17	0
14480076	14480075	3.42	89 3-	2 ACSR 6/1	1473	1357	1186	183	511	22	12	0.04	2.88	17
14480077	14480076	3.49	88 3-	2 ACSR 6/1	1446	1331	1162	182	508	21	12	0.05	2.92	18
14480068	14480077	3.66	87 3-	2 ACSR 6/1	1385	1269	1107	181	508	21	12	0.12	3.01	44
14480087	14480068	3.70	80 3-	2 ACSR 6/1	1371	1256	1095	181	485	21	12	0.02	3.03	10
14480088	14480087	3.75	79 3-	2 ACSR 6/1	1354	1238	1079	180	480	20	12	0.03	3.05	12
14480089	14480088	3.92	78 3-	2 ACSR 6/1	1299	1184	1031	179	468	20	11	0.10	3.14	37
14480105	14480089	3.98	78 3-	2 ACSR 6/1	1279	1164	1014	179	467	20	11	0.04	3.17	14
14480106	14480105	4.12	3 3-	2 ACSR 6/1	1238	1124	978	178	19	0	0	0.00	3.17	0
14480097	14480106	4.18	2 3-	2 ACSR 6/1	1222	1108	964	177	11	0	0	0.00	3.17	0
14480057	14480105	4.04	73 3-	2 ACSR 6/1	1261	1146	998	178	436	18	11	0.03	3.19	12
14490109	14480057	4.20	1 1-	2 ACSR 6/1	0	0	959	177	10	1	1	0.00	3.29	0
14490099	14480057	4.10	1 1-	2 ACSR 6/1	0	0	985	178	6	0	0	0.00	3.29	0
14490107	14480057	4.10	70 3-	2 ACSR 6/1	1243	1129	983	178	414	17	10	0.03	3.22	11
14490108	14490107	4.15	68 3-	2 ACSR 6/1	1230	1116	971	177	402	17	10	0.02	3.24	8
14490137	14490108	4.23	67 3-	2 ACSR 6/1	1207	1094	952	177	402	17	10	0.04	3.27	14
14490136	14490137	4.35	58 3-	2 ACSR 6/1	1174	1062	924	176	367	15	9	0.05	3.32	19
14490093	14490136	4.44	1 3-	2 ACSR 6/1	1151	1039	904	175	10	0	0	0.00	3.32	0
14490051	14490136	4.46	57 3-	2 ACSR 6/1	1145	1034	899	175	357	15	9	0.04	3.36	17
14490132	14490051	4.56	1 1-	2 ACSR 6/1	0	0	880	175	2	0	0	0.00	3.48	0
14490054	14490051	4.52	56 3-	2 ACSR 6/1	1131	1020	888	175	355	15	9	0.02	3.38	8
14490112	14490054	4.61	49 3-	2 ACSR 6/1	1108	998	868	174	325	14	8	0.04	3.41	14
14490100	14490112	4.69	14 1-	2 ACSR 6/1	0	0	854	174	93	12	7	0.02	3.57	2
14490101	14490100	4.76	12 1-	2 ACSR 6/1	0	0	840	173	79	10	6	0.02	3.59	1
14490104	14490101	4.79	11 1-	2 ACSR 6/1	0	0	835	173	71	9	5	0.01	3.59	0
14490105	14490104	4.82	8 1-	2 ACSR 6/1	0	0	829	173	50	6	4	0.01	3.60	0
14490052	14490105	4.93	8 1-	2 ACSR 6/1	0	0	809	172	50	6	4	0.02	3.62	0
14490094	14490052	4.96	1 1-	2 ACSR 6/1	0	0	803	172	7	0	1	0.00	3.62	0
14490053	14490052	5.00	7 1-	2 ACSR 6/1	0	0	798	171	43	5	3	0.01	3.63	0
14490096	14490053	5.05	5 1-	2 ACSR 6/1	0	0	788	171	32	4	2	0.01	3.64	0
14490097	14490096	5.25	3 1-	2 ACSR 6/1	0	0	757	170	21	2	2	0.01	3.65	0
14490098	14490097	5.32	1 1-	2 ACSR 6/1	0	0	747	169	6	0	0	0.00	3.65	0
14490095	14490053	5.06	2 1-	2 ACSR 6/1	0	0	788	171	10	1	1	0.00	3.63	0
14490050	14490105	4.86	0 1-	2 ACSR 6/1	0	0	822	172	0	0	0	0.00	3.60	0
14-49-P098-A	14490050	4.86	0 1-	Open	0	0	822	172	0	0	0	0.00	3.60	0
14490139	14490104	4.84	1 1-	2 ACSR 6/1	0	0	826	173	10	1	1	0.00	3.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14490114	14490112	4.66	34 3-	2 ACSR 6/1	1098	989	860	174	225	9	5	0.00	3.42	5
14490115	14490114	4.75	34 3-	2 ACSR 6/1	1077	968	842	173	225	9	5	0.01	3.44	12
14490124	14490115	4.81	33 3-	2 ACSR 6/1	1063	955	831	173	222	9	5	0.01	3.46	8
D14-49-P017	14490124	4.81	31 1-	REC-35-H	0	0	831	173	208	27	78	0.00	4.26	0
14490116	D14-49-P017	4.85	31 1-	2 ACSR 6/1	0	0	824	172	208	27	15	0.03	4.29	5
14490122	14490116	4.87	31 1-	2 ACSR 6/1	0	0	819	172	208	27	15	0.02	4.31	3
14490123	14490122	4.90	28 1-	2 ACSR 6/1	0	0	814	172	196	25	14	0.02	4.33	3
14490126	14490123	4.94	3 1-	2 ACSR 6/1	0	0	807	172	49	6	4	0.00	4.34	0
14490111	14490123	4.97	25 1-	2 ACSR 6/1	0	0	802	172	147	19	11	0.04	4.37	5
14490081	14490111	4.99	24 1-	2 ACSR 6/1	0	0	798	171	142	18	10	0.01	4.38	1
14490079	14490081	5.04	21 1-	2 ACSR 6/1	0	0	790	171	130	17	9	0.02	4.40	2
14490080	14490079	5.10	3 1-	2 ACSR 6/1	0	0	781	171	19	2	1	0.00	4.41	0
14490089	14490080	5.13	2 1-	2 ACSR 6/1	0	0	775	170	11	1	1	0.00	4.41	0
14490082	14490079	5.14	17 1-	2 ACSR 6/1	0	0	775	170	101	13	7	0.03	4.44	3
14490086	14490082	5.17	12 1-	2 ACSR 6/1	0	0	769	170	75	9	5	0.01	4.45	0
14490087	14490086	5.21	10 1-	2 ACSR 6/1	0	0	763	170	61	7	4	0.01	4.45	0
14490091	14490087	5.23	7 1-	2 ACSR 6/1	0	0	759	170	45	5	3	0.00	4.46	0
14490092	14490091	5.26	5 1-	2 ACSR 6/1	0	0	755	170	33	4	2	0.00	4.46	0
14490090	14490092	5.30	4 1-	2 ACSR 6/1	0	0	749	169	26	3	2	0.00	4.47	0
14490084	14490090	5.33	4 1-	2 ACSR 6/1	0	0	745	169	26	3	2	0.00	4.47	0
14490085	14490084	5.35	3 1-	2 ACSR 6/1	0	0	741	169	16	2	1	0.00	4.47	0
14490106	14490087	5.32	3 1-	2 ACSR 6/1	0	0	746	169	16	2	1	0.00	4.46	0
14490088	14490086	5.21	1 1-	2 ACSR 6/1	0	0	763	170	9	1	1	0.00	4.45	0
14490083	14490082	5.18	1 1-	2 ACSR 6/1	0	0	767	170	5	0	0	0.00	4.44	0
14490078	14490081	5.00	0 1-	2 ACSR 6/1	0	0	797	171	0	0	0	0.00	4.38	0
14-49-P098-B	14490078	5.00	0 1-	Open	0	0	797	171	0	0	0	0.00	4.38	0
14490125	14490124	4.94	2 3-	2 ACSR 6/1	1035	928	807	172	14	0	0	0.00	3.46	0
14490120	14490125	5.08	1 1-	2 ACSR 6/1	0	0	783	171	6	0	0	0.00	2.56	0
14490121	14490120	5.12	0 1-	2 ACSR 6/1	0	0	777	171	0	0	0	0.00	2.56	0
14490129	14490125	4.99	1 3-	2 ACSR 6/1	1024	918	799	171	7	0	0	0.00	3.46	0
14490128	14490129	5.00	0 3-	2 ACSR 6/1	1022	916	797	171	0	0	0	0.00	3.46	0
14-49-P023-B	14490128	5.00	0 1-	Open	0	0	797	171	0	0	0	0.00	2.56	0
14490133	14490054	4.59	7 1-	2 ACSR 6/1	0	0	873	174	30	3	2	0.01	2.61	0
14490110	14490133	4.76	1 1-	2 ACSR 6/1	0	0	841	173	0	0	0	0.00	2.61	0
14490134	14490133	4.63	6 1-	2 ACSR 6/1	0	0	866	174	30	3	2	0.00	2.62	0
14490113	14490134	4.68	4 1-	2 ACSR 6/1	0	0	856	174	17	2	1	0.00	2.62	0
14490135	14490137	4.56	8 1-	2 ACSR 6/1	0	0	880	174	28	3	2	0.03	3.42	0
14390025	14490135	4.63	8 1-	2 ACSR 6/1	0	0	865	174	28	3	2	0.01	3.43	0
14390015	14390025	5.00	1 1-	2 ACSR 6/1	0	0	797	171	5	0	0	0.01	3.44	0
14490142	14390015	5.07	0 1-	2 ACSR 6/1	0	0	786	171	0	0	0	0.00	3.44	0
14490141	14390015	5.07	1 1-	2 ACSR 6/1	0	0	785	171	5	0	0	0.00	3.44	0
14390028	14390025	4.73	7 1-	2 ACSR 6/1	0	0	845	173	23	2	2	0.01	3.44	0
14390029	14390028	4.81	5 1-	2 ACSR 6/1	0	0	831	173	18	2	1	0.00	3.44	0
14390024	14390029	4.87	4 1-	2 ACSR 6/1	0	0	819	172	16	2	1	0.00	3.45	0
14390023	14390024	4.95	3 1-	2 ACSR 6/1	0	0	806	172	16	2	1	0.00	3.45	0
14390027	14390023	4.98	2 1-	2 ACSR 6/1	0	0	800	171	13	1	1	0.00	3.45	0
14390026	14390027	5.10	1 1-	2 ACSR 6/1	0	0	780	171	4	0	0	0.00	3.45	0
14490077	14490108	4.21	1 1-	2 ACSR 6/1	0	0	958	177	0	0	0	0.00	2.60	0
14490064	14490108	4.23	0 3-	2 ACSR 6/1	1207	1094	952	177	0	0	0	0.00	3.24	0
14480091	14480089	3.96	0 1-	2 ACSR 6/1	0	0	1020	179	0	0	0	0.00	3.22	0
14480038	14480068	3.69	7 1-	2 ACSR 6/1	0	0	1097	181	22	2	2	0.00	3.07	0
14480081	14480038	3.74	1 1-	2 ACSR 6/1	0	0	1083	181	4	0	0	0.00	3.07	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14480080	14480038	3.77	6 1-	2 ACSR 6/1	0	0	1075	180	19	2	1	0.01	3.07	0
14480099	14480080	3.84	6 1-	2 ACSR 6/1	0	0	1052	180	19	2	1	0.01	3.08	0
14480098	14480099	3.88	2 1-	2 ACSR 6/1	0	0	1043	179	5	0	0	0.00	3.08	0
14480090	14480099	3.88	4 1-	2 ACSR 6/1	0	0	1042	179	13	1	1	0.00	3.08	0
14480073	14480041	3.03	1 3-	4/0 ACSR 6/1	1608	1493	1318	185	6	0	0	0.00	2.59	0
14480072	14480041	3.06	0 1-	2 ACSR 6/1	0	0	1301	185	0	0	0	0.00	2.52	0
14480071	14480040	2.92	1 2-	4/0 ACSR 6/1	0	1525	1353	186	3	0	0	0.00	2.58	0
14480052	14480053	2.58	3 1-	2 ACSR 6/1	0	0	1469	187	19	2	1	0.00	2.52	0
14480104	14480052	2.62	1 1-	2 ACSR 6/1	0	0	1450	186	6	0	0	0.00	2.52	0
14480135	14580016	2.61	1 1-	2 ACSR 6/1	0	0	1450	186	5	0	0	0.00	2.49	0
14590056	14590058	2.33	3 1-	2 ACSR 6/1	0	0	1574	187	20	2	1	0.00	2.03	0
14590067	14590056	2.36	1 1-	2 ACSR 6/1	0	0	1554	187	5	0	0	0.00	2.03	0
D14-59-P013	14590067	2.36	1 1-	FUS	0	0	1554	187	5	0	13	0.00	2.03	0
14590033	D14-59-P013	2.52	1 1-	2 ACSR 6/1	0	0	1465	186	5	0	0	0.00	2.04	0
14590053	14590033	2.58	1 1-	2 ACSR 6/1	0	0	1431	185	5	0	0	0.00	2.04	0
14590032	14590033	2.57	0 1-	2 ACSR 6/1	0	0	1436	185	0	0	0	0.00	2.04	0
14590070	14590056	2.38	2 1-	2 ACSR 6/1	0	0	1543	187	15	1	1	0.00	2.04	0
14590055	14590058	2.31	58 1-	2 ACSR 6/1	0	0	1581	187	236	30	17	0.04	2.07	7
14590068	14590055	2.33	3 1-	2 ACSR 6/1	0	0	1569	187	12	1	1	0.00	2.07	0
14590069	14590068	2.38	1 1-	2 ACSR 6/1	0	0	1543	187	5	0	0	0.00	2.07	0
14590052	14590055	2.35	0 1-	2 ACSR 6/1	0	0	1558	187	0	0	0	0.00	2.07	0
14590031	14590055	2.36	55 1-	2 ACSR 6/1	0	0	1556	187	225	28	16	0.03	2.10	6
D14-59-P010	14590031	2.36	55 1-	REC-70-L	0	0	1556	187	225	28	41	0.00	2.10	0
14590030	D14-59-P010	2.43	55 1-	2 ACSR 6/1	0	0	1514	187	225	28	16	0.06	2.16	11
14590081	14590030	2.46	10 1-	2 ACSR 6/1	0	0	1498	186	67	8	5	0.01	2.17	0
14590082	14590081	2.50	8 1-	2 ACSR 6/1	0	0	1475	186	54	6	4	0.01	2.18	0
14490117	14590082	2.58	7 1-	2 ACSR 6/1	0	0	1435	185	51	6	4	0.01	2.19	0
14490119	14490117	2.61	6 1-	2 ACSR 6/1	0	0	1417	185	42	5	3	0.00	2.19	0
14490068	14490119	2.64	4 1-	2 ACSR 6/1	0	0	1401	185	27	3	2	0.00	2.20	0
14490072	14490068	2.70	2 1-	2 ACSR 6/1	0	0	1375	184	10	1	1	0.00	2.20	0
14490067	14490068	2.69	1 1-	2 ACSR 6/1	0	0	1379	185	10	1	1	0.00	2.20	0
14490118	14490117	2.62	0 1-	2 ACSR 6/1	0	0	1415	185	0	0	0	0.00	2.19	0
14590104	14590030	2.54	45 1-	2 ACSR 6/1	0	0	1455	186	158	20	11	0.06	2.22	8
14490127	14590104	2.61	44 1-	2 ACSR 6/1	0	0	1419	185	152	19	11	0.04	2.26	5
14490073	14490127	2.72	43 1-	2 ACSR 6/1	0	0	1364	184	149	19	11	0.06	2.32	7
14490057	14490073	2.87	4 1-	2 ACSR 6/1	0	0	1295	183	15	1	1	0.01	2.33	0
14590044	14490057	2.93	1 1-	2 ACSR 6/1	0	0	1270	183	8	1	1	0.00	2.33	0
14490058	14490073	2.77	38 1-	2 ACSR 6/1	0	0	1343	184	133	17	9	0.02	2.35	2
14490059	14490058	2.82	37 1-	2 ACSR 6/1	0	0	1317	183	130	16	9	0.03	2.37	3
14490060	14490059	2.85	35 1-	2 ACSR 6/1	0	0	1305	183	127	16	9	0.01	2.39	1
14490061	14490060	2.91	34 1-	2 ACSR 6/1	0	0	1281	183	125	16	9	0.03	2.41	2
14490074	14490061	3.00	1 1-	2 ACSR 6/1	0	0	1243	182	7	0	1	0.00	2.41	0
14490049	14490061	3.03	0 1-	2 ACSR 6/1	0	0	1229	182	0	0	0	0.00	2.41	0
14-49-P023-A	14490049	3.03	0 1-	Open	0	0	1229	182	0	0	0	0.00	2.41	0
14490048	14490061	3.07	31 1-	2 ACSR 6/1	0	0	1216	182	108	13	8	0.06	2.48	5
14590061	14490048	3.16	13 1-	2 ACSR 6/1	0	0	1181	181	39	5	3	0.01	2.49	0
14590062	14590061	3.21	11 1-	2 ACSR 6/1	0	0	1164	181	36	4	3	0.01	2.49	0
14590051	14590062	3.27	1 1-	2 ACSR 6/1	0	0	1144	180	6	0	0	0.00	2.50	0
14590049	14590062	3.43	10 1-	2 ACSR 6/1	0	0	1091	179	31	3	2	0.02	2.52	0
14590063	14590049	3.49	9 1-	2 ACSR 6/1	0	0	1073	178	30	3	2	0.01	2.52	0
14590065	14590063	3.54	2 1-	2 ACSR 6/1	0	0	1056	178	7	0	0	0.00	2.53	0
14590064	14590063	3.53	3 1-	2 ACSR 6/1	0	0	1061	178	12	1	1	0.00	2.53	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14590047	14590064	3.58	2 1-	2 ACSR 6/1	0	0	1045	178	11	1	1	0.00	2.53	0
14590048	14590047	3.63	1 1-	2 ACSR 6/1	0	0	1033	177	4	0	0	0.00	2.53	0
14590045	14590064	3.79	1 1-	2 ACSR 6/1	0	0	987	176	1	0	0	0.00	2.53	0
14590046	14590045	4.07	0 1-	2 ACSR 6/1	0	0	920	174	0	0	0	0.00	2.53	0
14590105	14490048	3.25	18 1-	2 ACSR 6/1	0	0	1151	180	69	8	5	0.04	2.52	2
14490131	14590105	3.41	1 1-	2 ACSR 6/1	0	0	1095	179	2	0	0	0.00	2.52	0
14490130	14590105	3.34	12 1-	2 ACSR 6/1	0	0	1119	180	57	7	4	0.02	2.54	0
14490069	14490130	3.45	11 1-	2 ACSR 6/1	0	0	1086	179	50	6	4	0.02	2.55	0
14490071	14490069	3.58	9 1-	2 ACSR 6/1	0	0	1045	178	35	4	2	0.02	2.57	0
14490102	14490071	3.66	2 1-	15 KV 2 URD XLP	0	0	1024	394	16	2	1	0.00	2.58	0
14490103	14490102	3.73	1 1-	15 KV 2 URD XLP	0	0	1003	390	9	1	1	0.00	2.58	0
14490075	14490071	3.86	7 1-	2 ACSR 6/1	0	0	969	176	18	2	1	0.02	2.59	0
14490076	14490075	3.89	5 1-	2 ACSR 6/1	0	0	961	175	13	1	1	0.00	2.59	0
14490062	14490076	3.94	1 1-	2 ACSR 6/1	0	0	949	175	1	0	0	0.00	2.59	0
14490063	14490076	3.91	4 1-	2 ACSR 6/1	0	0	957	175	12	1	1	0.00	2.59	0
14490065	14490063	4.03	2 1-	2 ACSR 6/1	0	0	930	175	6	0	0	0.00	2.59	0
14490066	14490065	4.21	1 1-	2 ACSR 6/1	0	0	889	173	1	0	0	0.00	2.59	0
20851696	14490066	4.40	1 1-	2 ACSR 6/1	0	0	849	172	1	0	0	0.00	2.59	0
14490070	14490069	3.50	1 1-	2 ACSR 6/1	0	0	1069	178	8	1	1	0.00	2.55	0
14590034	14590085	1.78	89 3-	4/0 ACSR 6/1	2087	1981	1873	190	389	16	5	0.00	1.61	0
D14-59-F167	14590034	1.78	89 3-	REC-70-L	2087	1981	1873	190	389	16	24	0.00	1.61	0
14590083	D14-59-P167	1.79	89 3-	4/0 ACSR 6/1	2080	1973	1863	189	389	16	5	0.00	1.61	0
14590086	14590083	1.81	88 3-	4/0 ACSR 6/1	2073	1966	1855	189	386	16	5	0.00	1.61	0
14590087	14590086	1.98	86 3-	4/0 ACSR 6/1	1993	1882	1755	189	378	16	5	0.04	1.63	8
14590078	14590087	2.01	80 3-	4/0 ACSR 6/1	1980	1869	1740	189	356	15	4	0.01	1.64	1
14590088	14590078	2.05	78 3-	4/0 ACSR 6/1	1961	1850	1717	189	344	14	4	0.01	1.64	2
14590091	14590088	2.10	77 3-	4/0 ACSR 6/1	1941	1829	1693	188	337	14	4	0.01	1.65	2
14590092	14590091	2.12	76 3-	4/0 ACSR 6/1	1930	1818	1680	188	331	14	4	0.01	1.65	0
14590096	14590092	2.17	63 3-	4/0 ACSR 6/1	1910	1797	1656	188	295	12	4	0.01	1.66	1
14590066	14590096	2.20	60 3-	4/0 ACSR 6/1	1897	1784	1641	188	275	11	3	0.00	1.66	0
14590102	14590066	2.24	4 1-	2 ACSR 6/1	0	0	1619	188	19	2	1	0.00	1.61	0
14590054	14590066	2.24	55 3-	4/0 ACSR 6/1	1881	1768	1622	188	252	10	3	0.01	1.66	0
14580025	14590054	2.37	54 3-	4/0 ACSR 6/1	1831	1717	1564	188	249	10	3	0.02	1.67	3
14580037	14580025	2.44	3 1-	2 ACSR 6/1	0	0	1521	187	11	1	1	0.00	1.63	0
14680032	14580037	2.47	1 1-	2 ACSR 6/1	0	0	1507	187	8	1	1	0.00	1.63	0
14580036	14580025	2.43	50 3-	4/0 ACSR 6/1	1806	1692	1535	187	230	9	3	0.01	1.68	1
14680022	14580036	2.50	47 3-	4/0 ACSR 6/1	1782	1667	1508	187	221	9	3	0.01	1.69	1
14680023	14680022	2.55	44 3-	4/0 ACSR 6/1	1763	1648	1486	187	212	9	3	0.00	1.69	0
14680035	14680023	2.61	3 1-	2 ACSR 6/1	0	0	1457	186	7	0	0	0.00	1.64	0
14680036	14680035	2.75	1 1-	2 ACSR 6/1	0	0	1386	185	2	0	0	0.00	1.65	0
14680055	14680035	2.64	0 1-	2 ACSR 6/1	0	0	1442	186	0	0	0	0.00	1.64	0
14680033	14680023	2.59	40 3-	4/0 ACSR 6/1	1751	1636	1473	187	201	8	3	0.00	1.69	0
14680034	14680033	2.63	39 3-	4/0 ACSR 6/1	1737	1622	1458	187	199	8	3	0.00	1.69	0
14680015	14680034	2.66	11 1-	2 ACSR 6/1	0	0	1439	186	34	4	2	0.00	1.65	0
14680016	14680015	2.67	10 1-	2 ACSR 6/1	0	0	1434	186	28	3	2	0.00	1.65	0
14680012	14680016	2.69	7 1-	2 ACSR 6/1	0	0	1424	186	18	2	1	0.00	1.66	0
14680013	14680012	2.71	6 1-	2 ACSR 6/1	0	0	1415	186	16	2	1	0.00	1.66	0
14680018	14680013	2.73	4 1-	2 ACSR 6/1	0	0	1404	186	11	1	1	0.00	1.66	0
14680019	14680018	2.76	3 1-	2 ACSR 6/1	0	0	1390	186	8	1	1	0.00	1.66	0
14680014	14680034	2.70	27 3-	4/0 ACSR 6/1	1713	1597	1431	186	158	6	2	0.00	1.70	0
14680017	14680014	2.76	3 1-	2 ACSR 6/1	0	0	1402	186	21	2	1	0.00	1.51	0
14680020	14680017	2.80	1 1-	2 ACSR 6/1	0	0	1380	186	8	0	1	0.00	1.51	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14680054	14680020	2.95	0 1-	2 ACSR 6/1	0	0	1315	184	0	0	0.00	1.51	0	
14680025	14680014	2.77	22 3-	4/0 ACSR 6/1	1688	1573	1404	186	124	5	2	0.00	1.70	0
14680047	14680025	2.84	18 1-	2 ACSR 6/1	0	0	1374	186	95	12	7	0.02	1.97	2
14680050	14680047	2.86	3 1-	2 ACSR 6/1	0	0	1364	185	22	2	0.00	1.97	0	
14680051	14680050	2.90	2 1-	2 ACSR 6/1	0	0	1346	185	11	1	1	0.00	1.97	0
14680048	14680047	2.86	14 1-	2 ACSR 6/1	0	0	1365	185	67	8	5	0.00	1.98	0
14680052	14680048	2.90	13 1-	2 ACSR 6/1	0	0	1347	185	60	7	4	0.01	1.98	0
14680049	14680052	2.94	2 1-	2 ACSR 6/1	0	0	1325	185	13	1	1	0.00	1.98	0
14680053	14680052	2.97	10 1-	2 ACSR 6/1	0	0	1314	185	41	5	3	0.01	2.00	0
14680037	14680053	3.02	4 1-	2 ACSR 6/1	0	0	1291	184	18	2	1	0.00	2.00	0
14680038	14680037	3.07	3 1-	2 ACSR 6/1	0	0	1272	184	16	2	1	0.00	2.00	0
14680039	14680038	3.11	1 1-	2 ACSR 6/1	0	0	1255	183	7	0	0	0.00	2.00	0
14680030	14680053	3.11	6 1-	2 ACSR 6/1	0	0	1254	183	23	2	2	0.01	2.01	0
14680040	14680030	3.15	2 1-	2 ACSR 6/1	0	0	1239	183	10	1	1	0.00	2.01	0
14680031	14680030	3.14	3 1-	2 ACSR 6/1	0	0	1243	183	11	1	1	0.00	2.01	0
14680024	14680031	3.17	1 1-	2 ACSR 6/1	0	0	1233	183	2	0	0	0.00	2.01	0
14680026	14680025	2.86	3 1-	2 ACSR 6/1	0	0	1361	185	21	2	2	0.01	1.51	0
14680027	14680026	2.91	2 1-	2 ACSR 6/1	0	0	1341	185	10	1	1	0.00	1.51	0
14590095	14590092	2.15	12 1-	2 ACSR 6/1	0	0	1661	188	32	4	2	0.00	1.59	0
14590094	14590095	2.18	8 1-	2 ACSR 6/1	0	0	1642	188	10	1	1	0.00	1.60	0
14590093	14590095	2.18	1 1-	2 ACSR 6/1	0	0	1641	188	8	0	1	0.00	1.60	0
14590075	14590078	2.04	2 1-	2 ACSR 6/1	0	0	1719	189	12	1	1	0.00	1.53	0
14590080	14590075	2.07	1 1-	2 ACSR 6/1	0	0	1694	188	5	0	0	0.00	1.53	0
14590079	14590087	2.00	5 1-	2 ACSR 6/1	0	0	1741	189	14	1	1	0.00	1.56	0
14590074	14590079	2.02	4 1-	2 ACSR 6/1	0	0	1726	189	12	1	1	0.00	1.56	0
14590090	14590074	2.07	1 1-	2 ACSR 6/1	0	0	1690	188	2	0	0	0.00	1.56	0
14590076	14590074	2.07	3 1-	2 ACSR 6/1	0	0	1693	188	9	1	1	0.00	1.56	0
14590084	14590110	1.69	0 1-	2 ACSR 6/1	0	0	1924	190	0	0	0	0.00	1.44	0
14590072	14590112	1.66	4 1-	2 ACSR 6/1	0	0	1945	190	14	1	1	0.00	1.41	0
14590073	14590072	1.71	1 1-	2 ACSR 6/1	0	0	1903	189	4	0	0	0.00	1.41	0
14590103	14690064	1.48	7 1-	2 ACSR 6/1	0	0	2068	190	30	3	2	0.00	1.20	0
14590099	14590103	1.52	5 1-	2 ACSR 6/1	0	0	2035	190	26	3	2	0.00	1.20	0
14590101	14590099	1.56	4 1-	2 ACSR 6/1	0	0	1993	190	21	2	1	0.00	1.21	0
14590100	14590101	1.65	1 1-	2 ACSR 6/1	0	0	1913	189	4	0	0	0.00	1.21	0
14590050	14590101	1.66	1 1-	2 ACSR 6/1	0	0	1901	189	6	0	0	0.00	1.21	0
15620034	15620039	0.16	0 3-	336 ACSR 18/1	3118	3220	3548	194	0	0	0	0.00	0.12	0
CKT 1 total losses:	\$10,087													

SUB 64, CKT 2

BK6402	GOLDBUG(64)	0.00	581 3-	BK6402	3261	3436	3854	194	2381	99	25	0.00	0.00	0
15620050	BK6402	0.84	581 3-	336 ACSR 18/1	2620	2569	2635	192	2381	99	19	0.09	0.32	762
14690121	15620050	0.92	581 3-	336 ACSR 18/1	2568	2507	2551	192	2374	99	19	0.01	0.36	79
14690116	14690121	1.02	581 3-	336 ACSR 18/1	2513	2443	2466	192	2373	99	19	0.01	0.39	86
14690117	14690116	1.07	1 1-	2 ACSR 6/1	0	0	2397	191	2	0	0	0.00	0.51	0
14690115	14690116	1.06	580 3-	336 ACSR 18/1	2487	2413	2425	192	2370	99	19	0.00	0.41	43
14690061	14690115	1.16	574 3-	336 ACSR 18/1	2435	2353	2346	192	2345	98	19	0.01	0.45	86
14690060	14690061	1.25	574 3-	1/0 ACSR 6/1	2362	2275	2250	191	2344	98	43	0.07	0.56	254
14690086	14690060	1.34	1 1-	2 ACSR 6/1	0	0	2144	190	3	0	0	0.00	0.72	0
14690053	14690060	1.39	573 3-	1/0 ACSR 6/1	2256	2163	2114	190	2339	98	43	0.12	0.74	392
14690076	14690053	1.48	5 1-	2 ACSR 6/1	0	0	2019	190	25	3	2	0.01	0.32	0
14690077	14690076	1.51	3 1-	2 ACSR 6/1	0	0	1991	189	15	1	1	0.00	0.32	0
14690078	14690077	1.58	1 1-	2 ACSR 6/1	0	0	1929	189	5	0	0	0.00	0.32	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14690079	14690078	1.65	1 1-	2 ACSR 6/1	0	0	1863	188	5	0	0	0.00	0.32	0
14690075	14690053	1.44	1 1-	2 ACSR 6/1	0	0	2060	190	1	0	0	0.00	0.31	0
14690080	14690053	1.47	567 3-	1/0 ACSR 6/1	2201	2104	2044	190	2309	97	42	0.06	0.84	217
14690089	14690080	1.52	565 3-	1/0 ACSR 6/1	2166	2067	2001	190	2301	96	42	0.04	0.91	139
14690106	14690089	1.55	5 1-	2 ACSR 6/1	0	0	1968	189	27	3	2	0.00	1.14	0
14690097	14690106	1.59	4 1-	2 ACSR 6/1	0	0	1931	189	18	2	1	0.00	1.14	0
14690105	14690089	1.68	558 3-	1/0 ACSR 6/1	2065	1960	1878	189	2257	95	41	0.13	1.10	410
14690068	14690105	1.72	3 1-	2 ACSR 6/1	0	0	1839	188	2	0	0	0.00	1.41	0
14690069	14690068	1.76	2 1-	2 ACSR 6/1	0	0	1810	188	2	0	0	0.00	1.41	0
14690057	14690069	1.81	1 1-	2 ACSR 6/1	0	0	1769	188	0	0	0	0.00	1.41	0
14690099	14690105	1.71	1 1-	2 ACSR 6/1	0	0	1849	188	0	0	0	0.00	0.54	0
14690098	14690105	1.70	1 1-	2 ACSR 6/1	0	0	1855	189	3	0	0	0.00	0.54	0
14690052	14690105	1.74	553 3-	1/0 ACSR 6/1	2023	1917	1830	188	2248	94	41	0.05	1.19	178
14-69-P234-B	14690052	1.74	553 3-	Closed	2023	1917	1830	188	2247	94	0	0.00	1.19	0
14-69-P234-A	14-69-P234-B	1.74	553 3-	Closed	2023	1917	1830	188	2247	94	0	0.00	1.19	0
14690058	14-69-P234-A	1.77	553 3-	1/0 ACSR 6/1	2005	1898	1808	188	2247	94	41	0.03	1.22	83
14690059	14690058	2.31	552 3-	1/0 ACSR 6/1	1730	1615	1500	185	2241	94	41	0.42	1.88	1389
14680021	14690059	2.60	551 3-	1/0 ACSR 6/1	1608	1492	1373	184	2225	94	41	0.23	2.23	750
14780038	14680021	2.77	551 3-	1/0 ACSR 6/1	1542	1426	1305	183	2218	94	41	0.14	2.44	456
14-78-P023-B	14780038	2.77	551 3-	Closed	1542	1426	1305	183	2214	94	0	0.00	2.44	0
14-78-P023-A	14-78-P023-B	2.77	551 3-	Closed	1542	1426	1305	183	2214	94	0	0.00	2.44	0
14780022	14-78-P023-A	2.88	551 3-	1/0 ACSR 6/1	1502	1386	1264	182	2214	94	41	0.09	2.58	296
14780036	14780022	2.95	550 3-	1/0 ACSR 6/1	1481	1365	1243	182	2208	94	41	0.05	2.65	161
14780037	14780036	3.01	550 3-	1/0 ACSR 6/1	1460	1345	1223	182	2207	94	41	0.05	2.73	159
14780039	14780037	3.09	549 3-	1/0 ACSR 6/1	1433	1318	1196	181	2203	94	41	0.07	2.83	220
C14-78-P5	14780039	3.09	0 3-	Capacitor	1433	1318	1196	181	0	-13	0	0.00	2.83	0
14780024	14780039	3.19	544 3-	1/0 ACSR 6/1	1403	1289	1167	181	2178	93	40	0.09	2.96	243
14780026	14780024	3.26	543 3-	1/0 ACSR 6/1	1380	1266	1145	180	2170	92	40	0.07	3.06	195
14780041	14780026	3.33	543 3-	1/0 ACSR 6/1	1361	1247	1126	180	2168	92	40	0.06	3.16	171
14780042	14780041	3.43	541 3-	1/0 ACSR 6/1	1334	1221	1100	179	2161	92	40	0.08	3.28	237
14780047	14780042	3.71	540 3-	1/0 ACSR 6/1	1261	1150	1031	178	2147	92	40	0.24	3.66	703
14880075	14780047	3.78	538 3-	1/0 ACSR 6/1	1244	1134	1015	178	2129	91	40	0.06	3.75	165
14880062	14880075	3.88	536 3-	1/0 ACSR 6/1	1220	1111	993	177	2118	91	40	0.08	3.89	249
14880067	14880062	3.97	534 3-	1/0 ACSR 6/1	1199	1090	973	177	2102	90	39	0.08	4.01	221
14880074	14880067	4.07	124 3-	1/0 ACSR 6/1	1177	1069	953	176	2097	89	39	0.04	4.06	28
14880058	14880074	4.09	1 1-	2 ACSR 6/1	0	0	947	176	2	0	0	0.00	2.44	0
14880025	14880074	4.12	123 3-	1/0 ACSR 6/1	1166	1059	943	176	2097	89	39	0.02	4.09	15
14880051	14880025	4.24	1 1-	2 ACSR 6/1	0	0	915	175	5	0	0	0.00	4.80	0
14880045	14880025	4.18	122 3-	1/0 ACSR 6/1	1154	1047	932	176	2097	89	39	0.03	4.12	16
D14-88-P017	14880045	4.18	121 3-	REC-70-L	1154	1047	932	176	2097	89	39	0.00	4.12	0
14880053	D14-88-P017	4.31	121 3-	1/0 ACSR 6/1	1126	1021	907	175	2073	88	38	0.06	4.18	36
14880054	14880053	4.60	1 1-	2 ACSR 6/1	0	0	848	173	8	1	1	0.00	4.88	0
14880052	14880053	4.40	118 3-	1/0 ACSR 6/1	1108	1004	891	175	2097	89	39	0.04	4.23	23
14880055	14880052	4.46	0 1-	2 ACSR 6/1	0	0	878	174	0	0	0	0.00	4.91	0
14880061	14880052	4.46	118 3-	1/0 ACSR 6/1	1098	993	881	174	2097	89	39	0.02	4.26	14
14880059	14880061	4.48	1 1-	2 ACSR 6/1	0	0	877	174	2	0	0	0.00	2.62	0
14880056	14880061	4.49	117 3-	1/0 ACSR 6/1	1092	988	876	174	2097	89	39	0.01	4.27	8
14880041	14880056	4.52	115 3-	1/0 ACSR 6/1	1086	983	871	174	2097	89	39	0.01	4.29	7
14880042	14880041	4.63	113 3-	1/0 ACSR 6/1	1066	963	852	173	2097	89	39	0.05	4.34	27
14880034	14880042	4.70	2 1-	2 ACSR 6/1	0	0	840	173	10	1	1	0.00	2.69	0
14880033	14880042	4.69	109 3-	1/0 ACSR 6/1	1056	953	843	173	2097	89	39	0.02	4.37	13
14880036	14880033	4.75	109 3-	1/0 ACSR 6/1	1046	944	835	173	2097	89	39	0.02	4.40	12

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14880037	14880036	4.84	108 3-	1/0 ACSR 6/1	1030	929	821	172	617	27	12	0.04	4.44	21
14880031	14880037	4.94	107 3-	1/0 ACSR 6/1	1014	914	807	172	615	27	12	0.04	4.48	21
14980023	14880031	5.02	106 3-	1/0 ACSR 6/1	1000	901	794	172	608	27	12	0.03	4.53	20
14980024	14980023	5.12	0 1-	2 ACSR 6/1	0	0	778	171	0	0	0	0.00	2.84	0
14980018	14980023	5.12	0 1-	2 ACSR 6/1	0	0	779	171	0	0	0	0.00	5.16	0
14980019	14980023	5.11	106 3-	1/0 ACSR 6/1	988	889	783	171	608	27	12	0.03	4.56	18
14980020	14980019	5.17	104 3-	1/0 ACSR 6/1	978	880	775	171	600	26	12	0.02	4.59	13
14980021	14980020	5.23	104 3-	1/0 ACSR 6/1	969	872	767	171	600	26	12	0.02	4.62	13
14980022	14980021	5.28	104 3-	1/0 ACSR 6/1	962	865	761	170	600	26	12	0.02	4.64	10
14980013	14980022	5.49	103 3-	1/0 ACSR 6/1	931	836	734	169	596	26	12	0.08	4.74	46
20851223	14980013	5.69	103 3-	1/0 ACSR 6/1	905	811	711	168	596	26	12	0.07	4.83	42
20851224	20851223	5.75	103 3-	1/0 ACSR 6/1	898	805	705	168	595	26	12	0.02	4.86	12
20851225	20851224	5.81	102 3-	1/0 ACSR 6/1	890	798	698	168	593	26	12	0.02	4.89	13
20851229	20851225	5.85	97 3-	1/0 ACSR 6/1	884	792	694	168	565	25	11	0.02	4.91	8
20851252	20851229	5.91	96 3-	1/0 ACSR 6/1	877	785	687	167	563	25	11	0.02	4.93	11
20090004	20851252	5.98	3 3-	1/0 ACSR 6/1	869	778	681	167	302	14	6	0.02	4.95	4
20090013	20090004	6.01	2 3-	1/0 ACSR 6/1	866	775	678	167	302	14	6	0.01	4.96	2
20090300	20090013	6.01	2 3-	Consumer	866	775	678	167	302	14	0	0.00	4.96	0
20090010	20090013	6.16	0 3-	1/0 ACSR 6/1	847	758	662	166	0	0	0	0.00	4.96	0
20090012	20090004	6.01	1 1-	2 ACSR 6/1	0	0	676	167	0	0	0	0.00	3.19	0
20090002	20851252	5.96	93 3-	1/0 ACSR 6/1	871	780	682	167	261	11	5	0.01	4.94	2
20-09-P032-B	20090002	5.96	93 3-	Closed	871	780	682	167	261	11	0	0.00	4.94	0
20-09-P032-A	20-09-P032-B	5.96	93 3-	Closed	871	780	682	167	261	11	0	0.00	4.94	0
20851253	20-09-P032-A	5.99	93 3-	1/0 ACSR 6/1	868	777	680	167	261	11	5	0.00	4.94	0
20090005	20851253	6.09	1 1-	2 ACSR 6/1	0	0	667	166	8	1	1	0.00	3.18	0
20851254	20851253	6.15	90 3-	1/0 ACSR 6/1	849	759	663	166	250	10	5	0.01	4.97	6
20851445	20851254	6.21	89 3-	1/0 ACSR 6/1	842	753	657	166	246	10	5	0.00	4.98	2
20851447	20851445	6.29	86 3-	1/0 ACSR 6/1	833	745	650	165	233	10	4	0.01	5.00	3
14990017	20851447	6.32	85 3-	1/0 ACSR 6/1	830	742	647	165	230	10	4	0.00	5.00	0
14990018	14990017	6.38	85 3-	1/0 ACSR 6/1	823	735	641	165	230	10	4	0.00	5.01	2
14990019	14990018	6.42	84 3-	1/0 ACSR 6/1	819	732	638	165	229	10	4	0.00	5.02	1
14990014	14990019	6.47	0 1-	2 ACSR 6/1	0	0	633	165	0	0	0	0.00	5.62	0
14990020	14990019	6.45	83 3-	1/0 ACSR 6/1	816	728	635	165	227	9	4	0.00	5.02	0
14-99-P020-B	14990020	6.45	83 3-	Closed	816	728	635	165	227	9	0	0.00	5.02	0
14-99-P020-A	14-99-P020-B	6.45	83 3-	Closed	816	728	635	165	227	9	0	0.00	5.02	0
14990021	14-99-P020-A	6.54	83 3-	1/0 ACSR 6/1	807	720	628	164	227	9	4	0.01	5.03	3
14990028	14990021	6.58	4 1-	2 ACSR 6/1	0	0	624	164	10	1	1	0.00	3.22	0
14990023	14990021	6.63	76 3-	1/0 ACSR 6/1	797	711	620	164	204	8	4	0.00	5.05	2
14990026	14990023	6.67	75 3-	1/0 ACSR 6/1	794	708	617	164	203	8	4	0.00	5.05	0
14990027	14990026	6.77	1 1-	2 ACSR 6/1	0	0	606	163	1	0	0	0.00	5.66	0
14990024	14990026	6.78	73 3-	1/0 ACSR 6/1	783	698	608	163	201	8	4	0.01	5.07	3
14890073	14990024	6.86	2 1-	15 KV 2 URD XLP	0	0	599	320	3	0	0	0.00	5.68	0
14890042	14990024	6.86	70 3-	1/0 ACSR 6/1	775	691	601	163	196	8	4	0.00	5.08	2
14890043	14890042	6.91	70 3-	1/0 ACSR 6/1	770	686	597	163	196	8	4	0.00	5.09	1
14890044	14890043	6.93	67 3-	1/0 ACSR 6/1	768	684	595	163	182	8	3	0.00	5.09	0
14890045	14890044	7.02	66 3-	1/0 ACSR 6/1	760	677	589	162	180	7	3	0.00	5.10	2
14890046	14890045	7.07	65 3-	1/0 ACSR 6/1	755	672	584	162	178	7	3	0.00	5.11	1
14890048	14890046	7.11	54 3-	1/0 ACSR 6/1	752	669	582	162	150	6	3	0.00	5.11	0
14890049	14890048	7.13	52 3-	1/0 ACSR 6/1	749	667	580	162	146	6	3	0.00	5.11	0
14890051	14890049	7.19	51 3-	1/0 ACSR 6/1	744	663	576	161	144	6	3	0.00	5.12	0
14890052	14890051	7.26	49 3-	1/0 ACSR 6/1	738	657	571	161	140	6	3	0.00	5.12	0
14890089	14890052	7.33	47 3-	1/0 ACSR 6/1	732	651	565	161	136	5	3	0.00	5.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14890090	14890089	7.42	46 3-	1/0 ACSR 6/1	725	644	559	160	131	5	3	0.01	5.14	0
14890036	14890090	7.50	44 3-	1/0 ACSR 6/1	718	638	554	160	127	5	2	0.01	5.15	0
14890037	14890036	7.56	42 3-	1/0 ACSR 6/1	713	634	550	160	119	5	2	0.00	5.15	0
14890039	14890037	7.62	40 3-	1/0 ACSR 6/1	708	630	546	159	111	4	2	0.00	5.15	0
14890040	14890039	7.68	39 3-	1/0 ACSR 6/1	703	625	542	159	109	4	2	0.00	5.16	0
14890041	14890040	7.72	38 3-	1/0 ACSR 6/1	700	622	539	159	100	4	2	0.00	5.16	0
14790118	14890041	7.85	37 3-	1/0 ACSR 6/1	690	613	531	158	94	4	2	0.01	5.17	0
14790119	14790118	7.94	34 3-	1/0 ACSR 6/1	684	607	525	158	80	3	2	0.00	5.17	0
14790121	14790119	8.08	31 3-	1/0 ACSR 6/1	673	597	517	157	72	3	1	0.01	5.18	0
14790127	14790121	8.46	30 3-	1/0 ACSR 6/1	647	573	495	156	72	3	1	0.02	5.20	2
15-72-P041-B	14790127	8.46	30 3-	Closed	647	573	495	156	72	3	0	0.00	5.20	0
15-72-P041-A	15-72-P041-B	8.46	30 3-	Closed	647	573	495	156	72	3	0	0.00	5.20	0
15720142	15-72-P041-A	8.47	30 3-	1/0 ACSR 6/1	646	573	495	156	72	3	1	0.00	5.20	0
D15-72-P041	15720142	8.47	30 3-	REC-100-L	646	573	495	156	72	3	3	0.00	5.20	0
15720204	D15-72-P041	8.54	30 3-	1/0 ACSR 6/1	642	568	491	155	72	3	1	0.00	5.20	0
D15-72-P332	15720204	8.54	16 1-	REC-35-L	0	0	491	155	39	5	15	0.00	5.89	0
15720122	D15-72-P332	8.60	16 1-	2 ACSR 6/1	0	0	487	155	39	5	3	0.01	5.90	0
15720165	15720122	8.64	1 1-	2 ACSR 6/1	0	0	484	155	3	0	0	0.00	5.90	0
15720123	15720122	8.66	13 1-	2 ACSR 6/1	0	0	483	155	30	3	2	0.01	5.91	0
15720169	15720123	8.68	11 1-	2 ACSR 6/1	0	0	482	155	26	3	2	0.00	5.91	0
15720170	15720169	8.72	10 1-	2 ACSR 6/1	0	0	480	154	25	3	2	0.00	5.91	0
15720124	15720170	8.81	10 1-	2 ACSR 6/1	0	0	474	154	25	3	2	0.01	5.92	0
15720120	15720124	8.91	3 1-	2 ACSR 6/1	0	0	468	153	13	1	1	0.00	5.93	0
15720121	15720120	8.94	2 1-	2 ACSR 6/1	0	0	466	153	11	1	1	0.00	5.93	0
15720053	15720124	8.83	7 1-	2 ACSR 6/1	0	0	473	154	13	1	1	0.00	5.92	0
15820028	15720053	8.89	3 1-	2 ACSR 6/1	0	0	469	153	7	0	0	0.00	5.92	0
15820031	15820028	9.02	3 1-	2 ACSR 6/1	0	0	462	153	7	0	0	0.00	5.93	0
15820030	15820031	9.10	1 1-	2 ACSR 6/1	0	0	457	152	1	0	0	0.00	5.93	0
15820027	15720053	8.88	3 1-	2 ACSR 6/1	0	0	470	153	6	0	0	0.00	5.92	0
15720203	15720204	8.61	12 3-	1/0 ACSR 6/1	637	564	488	155	33	1	1	0.00	5.21	0
15720202	15720203	8.68	4 3-	1/0 ACSR 6/1	632	560	484	155	13	0	0	0.00	5.21	0
15720135	15720202	8.69	0 3-	1/0 ACSR 6/1	632	560	483	155	0	0	0	0.00	5.21	0
15-72-P331-A	15720135	8.69	0 3-	Open	632	560	483	155	0	0	0	0.00	5.21	0
14790080	14790121	8.19	0 1-	2 ACSR 6/1	0	0	509	157	0	0	0	0.00	3.31	0
14790120	14790119	8.01	1 1-	2 ACSR 6/1	0	0	520	158	0	0	0	0.00	5.82	0
14890038	14890037	7.62	1 1-	2 ACSR 6/1	0	0	545	159	5	0	0	0.00	5.78	0
14890053	14890090	7.49	1 1-	2 ACSR 6/1	0	0	554	160	3	0	0	0.00	5.76	0
14890050	14890049	7.20	1 1-	2 ACSR 6/1	0	0	574	161	3	0	0	0.00	5.73	0
14890074	14890046	7.15	11 1-	2 ACSR 6/1	0	0	577	161	27	3	2	0.01	5.73	0
14890075	14890074	7.18	9 1-	2 ACSR 6/1	0	0	575	161	24	3	2	0.00	5.74	0
14890076	14890075	7.22	8 1-	2 ACSR 6/1	0	0	571	161	21	2	2	0.00	5.74	0
14890085	14890076	7.25	4 1-	2 ACSR 6/1	0	0	568	161	8	1	1	0.00	5.74	0
14890077	14890085	7.29	3 1-	2 ACSR 6/1	0	0	565	161	5	0	0	0.00	5.74	0
14890078	14890077	7.33	1 1-	2 ACSR 6/1	0	0	561	160	1	0	0	0.00	5.74	0
14890047	14890078	7.39	1 1-	2 ACSR 6/1	0	0	557	160	1	0	0	0.00	5.74	0
14990022	14990021	6.66	1 1-	2 ACSR 6/1	0	0	615	164	8	1	1	0.00	5.64	0
14990015	14990021	6.59	2 1-	2 ACSR 6/1	0	0	622	164	6	0	0	0.00	5.64	0
14990016	20851447	6.33	1 1-	2 ACSR 6/1	0	0	645	165	3	0	0	0.00	3.20	0
20851446	20851445	6.29	0 1-	2 ACSR 6/1	0	0	648	165	0	0	0	0.00	5.58	0
20851226	20851225	5.84	5 1-	2 ACSR 6/1	0	0	694	168	27	3	2	0.00	6.05	0
20851227	20851226	5.93	4 1-	2 ACSR 6/1	0	0	683	167	24	3	2	0.01	6.06	0
20851228	20851227	6.00	1 1-	2 ACSR 6/1	0	0	675	166	10	1	1	0.00	6.06	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14880038	14880037	4.89	1 1-	2 ACSR 6/1	0	0	811	172	2	0	0	0.00	2.77	0
14880035	14880033	4.80	0 1-	2 ACSR 6/1	0	0	823	172	0	0	0	0.00	2.71	0
14880071	14880067	4.01	53 3-	1/0 ACSR 6/1	1189	1081	964	177	210	9	4	0.01	4.01	0
14880073	14880071	4.04	52 3-	1/0 ACSR 6/1	1184	1076	959	176	204	8	4	0.00	4.02	0
14880065	14880073	4.09	50 3-	1/0 ACSR 6/1	1172	1064	948	176	197	8	4	0.01	4.03	1
14880028	14880065	4.16	48 3-	1/0 ACSR 6/1	1158	1050	935	176	190	8	4	0.01	4.03	1
14880077	14880028	4.23	0 1-	2 ACSR 6/1	0	0	919	175	0	0	0	0.00	2.42	0
14880029	14880028	4.22	41 3-	1/0 ACSR 6/1	1145	1038	923	175	166	7	3	0.00	4.04	0
14880057	14880029	4.29	38 3-	1/0 ACSR 6/1	1132	1026	911	175	164	7	3	0.00	4.05	0
14880046	14880057	4.34	38 3-	1/0 ACSR 6/1	1120	1015	901	175	164	7	3	0.00	4.05	0
14880048	14880046	4.39	37 3-	1/0 ACSR 6/1	1112	1007	893	175	159	6	3	0.00	4.06	0
D14-88-P048	14880048	4.39	2 1-	FUS-30	0	0	893	175	9	1	4	0.00	2.44	0
14880026	D14-88-P048	4.47	2 1-	2 ACSR 6/1	0	0	877	174	9	1	1	0.00	2.44	0
14880040	14880026	4.57	1 1-	2 ACSR 6/1	0	0	856	173	7	0	1	0.00	2.44	0
14880039	14880026	4.65	1 1-	2 ACSR 6/1	0	0	842	173	2	0	0	0.00	2.44	0
14880050	14880048	4.48	29 3-	1/0 ACSR 6/1	1094	990	878	174	141	6	3	0.00	4.07	0
14880030	14880050	4.58	27 3-	1/0 ACSR 6/1	1076	973	862	174	137	5	3	0.00	4.08	0
14980016	14880030	4.68	25 3-	1/0 ACSR 6/1	1058	955	845	173	130	5	2	0.00	4.09	0
14980017	14980016	4.82	21 3-	1/0 ACSR 6/1	1034	933	824	173	119	5	2	0.00	4.10	1
D14-98-P020	14980017	4.82	21 3-	REC-50-H	1034	933	824	173	119	5	10	0.00	4.10	0
14980014	D14-98-P020	4.88	21 3-	1/0 ACSR 6/1	1023	923	814	172	119	5	2	0.00	4.10	0
14980015	14980014	4.98	20 3-	1/0 ACSR 6/1	1008	908	801	172	112	4	2	0.00	4.11	0
20851220	14980015	5.13	19 3-	1/0 ACSR 6/1	984	885	780	171	111	4	2	0.00	4.12	1
20851221	20851220	5.55	1 1-	2 ACSR 6/1	0	0	716	168	4	0	0	0.01	4.89	0
20851050	20851221	5.59	1 1-	15 KV 2 URD XLP	0	0	711	345	4	0	0	0.00	4.89	0
20851217	20851220	5.22	17 3-	1/0 ACSR 6/1	970	873	768	171	103	4	2	0.00	4.13	0
20851219	20851217	5.54	15 3-	1/0 ACSR 6/1	924	830	728	169	82	3	2	-0.01	4.14	2
20080001	20851219	5.58	15 3-	1/0 ACSR 6/1	920	826	724	169	82	3	2	0.00	4.15	0
20180006	20080001	5.60	13 3-	1/0 ACSR 6/1	917	822	721	169	71	3	1	0.00	4.15	0
20180007	20180006	5.63	13 3-	1/0 ACSR 6/1	913	819	718	169	71	3	1	0.00	4.15	0
20180004	20180007	5.95	13 3-	1/0 ACSR 6/1	873	782	684	167	71	3	1	-0.01	4.16	2
20852006	20180004	6.02	9 3-	1/0 ACSR 6/1	864	773	676	167	54	2	1	0.00	4.17	0
20852007	20852006	6.11	8 3-	1/0 ACSR 6/1	853	763	667	166	49	2	1	0.00	4.17	0
20852008	20852007	6.43	8 3-	1/0 ACSR 6/1	818	730	637	165	49	2	1	0.00	4.18	0
20852181	20852008	6.53	7 3-	1/0 ACSR 6/1	808	721	629	164	47	2	1	0.00	4.18	0
20852182	20852181	6.59	1 1-	2 ACSR 6/1	0	0	622	164	8	1	1	0.00	2.44	0
20170006	20852181	6.79	1 1-	2 ACSR 6/1	0	0	601	163	12	1	1	0.01	5.05	0
20170003	20852181	6.57	5 3-	1/0 ACSR 6/1	803	717	625	164	27	1	1	0.00	4.18	0
20852005	20170003	6.65	1 1-	15 KV 2 URD XLP	0	0	617	325	7	0	1	0.00	5.05	0
20852184	20170003	6.73	4 3-	1/0 ACSR 6/1	788	702	612	163	20	0	0	0.00	4.19	0
20852183	20852184	6.97	0 3-	1/0 ACSR 6/1	765	681	592	162	0	0	0	0.00	4.19	0
20-17-P045-B	20852183	6.97	0 3-	Open	765	681	592	162	0	0	0	0.00	4.19	0
20852238	20852184	6.80	3 1-	2 ACSR 6/1	0	0	604	163	16	2	1	0.00	5.05	0
20852131	20852238	6.85	2 1-	2 ACSR 6/1	0	0	599	163	12	1	1	0.00	5.05	0
20170004	20180004	6.12	4 1-	2 ACSR 6/1	0	0	663	166	18	2	1	0.01	5.00	0
20180005	20170004	6.17	1 1-	2 ACSR 6/1	0	0	656	166	8	1	1	0.00	5.00	0
20180003	20180007	5.76	0 1-	2 ACSR 6/1	0	0	701	168	0	0	0	0.00	4.95	0
20851218	20851217	5.30	2 1-	2 ACSR 6/1	0	0	755	170	20	2	1	0.01	2.47	0
20851241	20851218	5.45	1 1-	2 ACSR 6/1	0	0	734	169	15	1	1	0.00	2.47	0
14880049	14880048	4.46	5 1-	2 ACSR 6/1	0	0	878	174	9	1	1	0.00	4.80	0
14880060	14880049	4.51	3 1-	2 ACSR 6/1	0	0	867	174	2	0	0	0.00	4.80	0
14880047	14880046	4.37	1 1-	2 ACSR 6/1	0	0	896	175	5	0	0	0.00	2.44	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14880043	14880029	4.28	2 1-	2 ACSR 6/1	0	0	911	175	0	0	0	0.00	4.77	0
14880066	14880028	4.19	5 1-	2 ACSR 6/1	0	0	929	176	18	2	1	0.00	2.42	0
14880064	14880073	4.06	2 1-	2 ACSR 6/1	0	0	954	176	7	0	0	0.00	2.41	0
14880072	14880071	4.06	1 1-	2 ACSR 6/1	0	0	952	176	6	0	0	0.00	4.75	0
14880069	14880067	4.02	351 3-	4/0 ACSR 6/1	1191	1082	965	177	1184	51	15	0.00	4.02	21
14880070	14880069	4.09	0 1-	2 ACSR 6/1	0	0	948	176	0	0	0	0.00	4.76	0
14880044	14880069	4.64	351 3-	4/0 ACSR 6/1	1097	993	871	175	1184	51	15	-0.01	4.20	252
14870039	14880044	4.77	351 3-	4/0 ACSR 6/1	1079	976	853	174	1182	51	15	0.00	4.24	55
14870040	14870039	4.81	4 1-	2 ACSR 6/1	0	0	845	174	17	2	1	0.00	2.39	0
14870041	14870040	4.84	3 1-	2 ACSR 6/1	0	0	839	174	16	2	1	0.00	2.40	0
14870042	14870039	4.81	347 3-	4/0 ACSR 6/1	1073	971	847	174	1164	50	15	0.00	4.25	16
14870044	14870042	4.86	345 3-	4/0 ACSR 6/1	1067	964	841	174	1160	50	15	0.00	4.27	20
14870043	14870044	4.94	337 3-	4/0 ACSR 6/1	1056	954	830	174	1121	48	14	0.00	4.29	31
14870030	14870043	4.98	334 3-	4/0 ACSR 6/1	1051	949	825	173	1107	48	14	0.00	4.30	14
14870031	14870030	5.03	332 3-	4/0 ACSR 6/1	1045	944	820	173	1101	48	14	0.00	4.31	15
C14-87-P22	14870031	5.03	0 3-	Capacitor	1045	944	820	173	0	-13	0	0.00	4.31	0
14870032	14870031	5.07	332 3-	4/0 ACSR 6/1	1040	939	815	173	1101	48	14	0.01	4.33	16
14870033	14870032	5.13	330 3-	4/0 ACSR 6/1	1032	931	807	173	1098	48	14	0.01	4.36	23
14870028	14870033	5.21	103 3-	1/0 ACSR 6/1	1018	919	796	173	348	15	7	0.02	4.38	7
D14-87-P129	14870028	5.21	103 3-	REC-70-L	1018	919	796	173	348	15	22	0.00	4.38	0
14870024	D14-87-P129	5.35	103 3-	1/0 ACSR 6/1	997	898	777	172	348	15	7	0.04	4.41	12
14870025	14870024	5.37	102 3-	1/0 ACSR 6/1	994	896	775	172	345	15	7	0.00	4.41	1
14870038	14870025	5.47	1 1-	2 ACSR 6/1	0	0	759	171	1	0	0	0.00	5.43	0
14870045	14870025	5.42	101 3-	1/0 ACSR 6/1	986	888	768	172	344	14	7	0.01	4.43	4
14870047	14870045	5.48	100 3-	1/0 ACSR 6/1	977	880	760	171	342	14	6	0.02	4.44	5
14870048	14870047	5.53	100 3-	1/0 ACSR 6/1	970	873	754	171	342	14	6	0.01	4.45	4
D14-87-P019	14870048	5.53	1 1-	FUS-20	0	0	754	171	0	0	0	0.00	2.52	0
14870052	D14-87-P019	5.59	1 1-	2 ACSR 6/1	0	0	746	171	0	0	0	0.00	2.52	0
14870053	14870052	5.89	1 1-	2 ACSR 6/1	0	0	703	168	0	0	0	0.00	2.52	0
14870026	14870048	6.14	99 3-	1/0 ACSR 6/1	887	795	685	168	342	14	6	0.18	4.60	51
D14-86-P025	14870026	6.14	10 1-	REC-15-H	0	0	685	168	32	4	28	0.00	2.69	0
14860028	D14-86-P025	6.19	10 1-	2 ACSR 6/1	0	0	679	168	32	4	2	0.01	2.70	0
14960045	14860028	6.28	10 1-	2 ACSR 6/1	0	0	668	167	32	4	2	0.01	2.71	0
14960044	14960045	6.36	9 1-	2 ACSR 6/1	0	0	659	167	31	3	2	0.01	2.72	0
14960020	14960044	6.46	8 1-	2 ACSR 6/1	0	0	647	166	29	3	2	0.01	2.73	0
14960017	14960020	6.52	8 1-	2 ACSR 6/1	0	0	641	165	29	3	2	0.01	2.74	0
14960018	14960017	6.68	7 1-	2 ACSR 6/1	0	0	623	164	28	3	2	0.02	2.75	0
20851036	14960018	6.78	7 1-	2 ACSR 6/1	0	0	613	164	28	3	2	0.01	2.76	0
20851037	20851036	6.97	6 1-	2 ACSR 6/1	0	0	594	163	21	2	2	0.02	2.78	0
20851044	20851037	7.02	6 1-	2 ACSR 6/1	0	0	589	162	21	2	2	0.00	2.78	0
20851046	20851044	7.09	4 1-	2 ACSR 6/1	0	0	584	162	12	1	1	0.00	2.79	0
20851047	20851046	7.17	3 1-	2 ACSR 6/1	0	0	576	161	11	1	1	0.00	2.79	0
20851048	20851047	7.20	2 1-	2 ACSR 6/1	0	0	573	161	7	0	0	0.00	2.79	0
20851049	20851048	7.22	1 1-	2 ACSR 6/1	0	0	571	161	0	0	0	0.00	2.79	0
20851045	20851044	7.10	2 1-	2 ACSR 6/1	0	0	583	162	9	1	1	0.00	2.78	0
20060003	20851044	7.21	0 1-	1/0 ACSR 6/1	0	0	576	161	0	0	0	0.00	2.78	0
20060002	14960018	6.72	0 1-	2 ACSR 6/1	0	0	619	164	0	0	0	0.00	2.75	0
14960027	20060002	6.83	0 1-	2 ACSR 6/1	0	0	609	163	0	0	0	0.00	2.75	0
14960028	14960027	6.93	0 1-	2 ACSR 6/1	0	0	599	163	0	0	0	0.00	2.75	0
14960019	14960044	6.40	1 1-	2 ACSR 6/1	0	0	654	166	2	0	0	0.00	2.72	0
14960043	14960045	6.38	1 1-	2 ACSR 6/1	0	0	656	166	2	0	0	0.00	2.71	0
14860053	14870026	6.21	89 3-	1/0 ACSR 6/1	879	788	678	168	309	13	6	0.01	4.61	5

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14860029	14860053	6.27	87 3-	1/0 ACSR 6/1	872	781	672	167	302	13	6	0.01	4.62	4
14960021	14860029	6.47	87 3-	1/0 ACSR 6/1	848	759	652	166	302	13	6	0.04	4.66	14
14960022	14960021	6.54	85 3-	1/0 ACSR 6/1	840	752	646	166	297	12	6	0.01	4.68	5
14960023	14960022	6.61	84 3-	1/0 ACSR 6/1	833	745	640	166	293	12	6	0.01	4.69	4
14960024	14960023	6.64	83 3-	1/0 ACSR 6/1	829	741	637	166	291	12	6	0.01	4.70	2
14960031	14960024	6.68	82 3-	1/0 ACSR 6/1	825	738	634	166	281	12	5	0.01	4.70	2
D14-96-P004	14960031	6.68	10 1-	REC-35-H	0	0	634	166	57	7	21	0.00	2.80	0
14960032	D14-96-P004	6.71	10 1-	2 ACSR 6/1	0	0	630	165	57	7	4	0.01	2.81	0
14960033	14960032	6.76	9 1-	2 ACSR 6/1	0	0	625	165	56	7	4	0.01	2.82	0
14960034	14960033	6.78	8 1-	2 ACSR 6/1	0	0	623	165	47	6	3	0.00	2.82	0
14960035	14960034	6.84	2 1-	2 ACSR 6/1	0	0	617	164	10	1	1	0.00	2.82	0
14960015	14960034	6.87	6 1-	2 ACSR 6/1	0	0	614	164	37	4	3	0.01	2.83	0
14960036	14960015	6.89	1 1-	2 ACSR 6/1	0	0	611	164	15	1	1	0.00	2.83	0
14960029	14960015	6.90	2 1-	2 ACSR 6/1	0	0	611	164	5	0	0	0.00	2.83	0
14960030	14960029	6.94	1 1-	2 ACSR 6/1	0	0	606	164	0	0	0	0.00	2.83	0
14960016	14960015	6.93	3 1-	2 ACSR 6/1	0	0	608	164	18	2	1	0.00	2.84	0
14960037	14960016	6.97	0 1-	2 ACSR 6/1	0	0	604	164	0	0	0	0.00	2.84	0
14960025	14960016	6.98	3 1-	2 ACSR 6/1	0	0	603	164	18	2	1	0.00	2.84	0
14960026	14960025	7.07	1 1-	2 ACSR 6/1	0	0	594	163	3	0	0	0.00	2.84	0
14960039	14960031	7.22	71 3-	1/0 ACSR 6/1	770	687	589	163	219	9	4	0.03	4.79	24
14950013	14960039	7.30	70 3-	1/0 ACSR 6/1	763	680	583	163	212	9	4	0.00	4.80	3
14950015	14950013	7.38	64 3-	1/0 ACSR 6/1	756	674	577	162	201	8	4	0.00	4.81	3
14950017	14950015	7.46	64 3-	1/0 ACSR 6/1	748	667	571	162	201	8	4	0.01	4.82	3
14950008	14950017	7.61	64 3-	1/0 ACSR 6/1	735	655	560	161	201	8	4	0.01	4.84	6
14950009	14950008	7.72	63 3-	1/0 ACSR 6/1	726	646	553	161	197	8	4	0.01	4.86	4
14950011	14950009	7.80	0 1-	2 ACSR 6/1	0	0	547	160	0	0	0	0.00	6.37	0
14950012	14950011	7.87	0 1-	2 ACSR 6/1	0	0	541	160	0	0	0	0.00	6.37	0
14950010	14950009	8.11	62 3-	1/0 ACSR 6/1	695	618	528	159	197	8	4	0.02	4.91	15
14940006	14950010	8.16	62 3-	1/0 ACSR 6/1	691	614	525	159	197	8	4	0.00	4.92	2
14940008	14940006	8.23	59 3-	1/0 ACSR 6/1	686	610	521	158	190	8	4	0.00	4.92	2
20850732	14940008	8.44	58 3-	1/0 ACSR 6/1	671	595	509	158	190	8	4	0.01	4.95	8
20850925	20850732	8.60	34 1-	2 ACSR 6/1	0	0	497	157	122	16	9	0.08	6.70	8
D20-04-P010	20850925	8.60	34 1-	REC-25-H	0	0	497	157	122	16	65	0.00	6.70	0
20851032	D20-04-P010	8.89	34 1-	2 ACSR 6/1	0	0	479	155	122	16	9	0.13	6.84	13
20851033	20851032	9.14	33 1-	2 ACSR 6/1	0	0	464	153	119	15	9	0.12	6.95	11
20040005	20851033	9.80	31 1-	2 ACSR 6/1	0	0	428	150	112	15	8	0.29	7.24	26
D20-13-P012	20040005	9.80	31 1-	FUS-15	0	0	428	150	112	15	113	0.00	7.24	0
20130006	D20-13-P012	10.38	31 1-	2 ACSR 6/1	0	0	401	146	112	15	8	0.25	7.49	23
20130005	20130006	10.49	30 1-	2 ACSR 6/1	0	0	396	146	109	14	8	0.05	7.53	4
20851453	20130005	10.53	28 1-	2 ACSR 6/1	0	0	395	146	102	13	8	0.01	7.55	1
20851477	20851453	10.62	3 1-	2 ACSR 6/1	0	0	390	145	15	1	1	0.00	7.55	0
20851478	20851477	10.68	2 1-	2 ACSR 6/1	0	0	388	145	8	1	1	0.00	7.55	0
20851452	20851453	10.99	24 1-	2 ACSR 6/1	0	0	376	143	83	11	6	0.15	7.70	10
20120004	20851452	11.49	21 1-	2 ACSR 6/1	0	0	357	141	66	8	5	0.13	7.82	7
D20-12-P004	20120004	11.49	21 1-	REC-15-H	0	0	357	141	66	8	59	0.00	7.82	0
20120005	D20-12-P004	11.85	21 1-	2 ACSR 6/1	0	0	345	139	66	8	5	0.09	7.92	5
19190016	20120005	12.16	2 1-	2 ACSR 6/1	0	0	335	137	9	1	1	0.01	7.93	0
19190019	19190016	12.21	1 1-	2 ACSR 6/1	0	0	333	137	3	0	0	0.00	7.93	0
19190018	19190016	12.22	1 1-	2 ACSR 6/1	0	0	333	137	6	0	0	0.00	7.93	0
19190015	20120005	12.51	19 1-	2 ACSR 6/1	0	0	324	136	57	7	4	0.14	8.06	7
19190017	19190015	12.92	19 1-	2 ACSR 6/1	0	0	313	134	57	7	4	0.09	8.15	4
19190021	19190017	12.99	19 1-	2 ACSR 6/1	0	0	311	133	57	7	4	0.02	8.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
19190022	19190021	13.04	18 1-	2 ACSR 6/1	0	0	310	133	56	7	4	0.01	8.18	0
19190023	19190022	13.12	17 1-	2 ACSR 6/1	0	0	308	133	56	7	4	0.02	8.19	0
19190024	19190023	13.16	16 1-	2 ACSR 6/1	0	0	307	133	50	6	4	0.01	8.20	0
19190025	19190024	13.22	15 1-	2 ACSR 6/1	0	0	305	132	44	5	3	0.01	8.21	0
19190032	19190025	13.35	13 1-	2 ACSR 6/1	0	0	302	132	38	5	3	0.02	8.23	0
19190033	19190032	13.42	12 1-	2 ACSR 6/1	0	0	300	132	34	4	3	0.01	8.24	0
19190029	19190033	13.47	11 1-	2 ACSR 6/1	0	0	299	131	31	4	2	0.01	8.24	0
19090004	19190029	13.53	1 1-	2 ACSR 6/1	0	0	297	131	1	0	0	0.00	8.24	0
19090003	19090004	13.61	0 1-	2 ACSR 6/1	0	0	295	131	0	0	0	0.00	8.24	0
19090005	19190029	13.63	8 1-	2 ACSR 6/1	0	0	295	131	25	3	2	0.01	8.26	0
19190026	19090005	13.76	7 1-	2 ACSR 6/1	0	0	292	130	22	2	2	0.01	8.26	0
19190027	19190026	13.80	5 1-	2 ACSR 6/1	0	0	291	130	13	1	1	0.00	8.27	0
19190028	19190027	13.96	3 1-	2 ACSR 6/1	0	0	287	129	8	1	1	0.00	8.27	0
19180003	19190028	14.20	0 1-	2 ACSR 6/1	0	0	282	128	0	0	0	0.00	8.27	0
19180004	19180003	14.29	0 1-	2 ACSR 6/1	0	0	280	128	0	0	0	0.00	8.27	0
19190020	19190017	12.99	0 1-	2 ACSR 6/1	0	0	311	133	0	0	0	0.00	8.15	0
20851448	20851452	11.16	3 1-	2 ACSR 6/1	0	0	369	142	17	2	1	0.01	7.71	0
20851449	20851448	11.25	1 1-	2 ACSR 6/1	0	0	366	142	7	0	1	0.00	7.71	0
20851327	20851448	11.23	2 1-	2 ACSR 6/1	0	0	367	142	10	1	1	0.00	7.71	0
20851450	20130005	10.54	2 1-	2 ACSR 6/1	0	0	394	146	7	0	1	0.00	7.54	0
20851451	20851450	10.65	1 1-	2 ACSR 6/1	0	0	389	145	6	0	0	0.00	7.54	0
20130004	20130006	10.49	1 1-	2 ACSR 6/1	0	0	396	146	3	0	0	0.00	7.49	0
D20-13-P031	20130004	10.49	1 1-	REC-15-H	0	0	396	146	3	0	3	0.00	7.49	0
20850730	D20-13-P031	11.43	1 1-	2 ACSR 6/1	0	0	359	141	3	0	0	0.01	7.49	0
20851034	20851033	9.33	2 1-	2 ACSR 6/1	0	0	453	152	7	0	1	0.00	6.95	0
20851035	20851034	9.39	0 1-	2 ACSR 6/1	0	0	450	152	0	0	0	0.00	6.95	0
20850926	20850732	8.81	23 1-	2 ACSR 6/1	0	0	484	155	58	7	4	0.08	2.98	4
D20-04-P020	20850926	8.81	23 1-	REC-25-H	0	0	484	155	58	7	30	0.00	2.98	0
20851326	D20-04-P020	8.91	23 1-	2 ACSR 6/1	0	0	478	155	58	7	4	0.02	3.00	0
20140006	20851326	8.93	23 1-	2 ACSR 6/1	0	0	476	155	58	7	4	0.01	3.01	0
20140007	20140006	9.13	23 1-	2 ACSR 6/1	0	0	464	153	58	7	4	0.04	3.05	2
20851811	20140007	9.23	4 1-	2 ACSR 6/1	0	0	459	153	6	0	0	0.00	3.05	0
20851812	20851811	9.30	3 1-	2 ACSR 6/1	0	0	454	152	3	0	0	0.00	3.05	0
20851814	20851812	9.41	1 1-	2 ACSR 6/1	0	0	448	152	0	0	0	0.00	3.05	0
20851813	20851812	9.39	1 1-	2 ACSR 6/1	0	0	450	152	3	0	0	0.00	3.05	0
20140004	20140007	9.24	19 1-	2 ACSR 6/1	0	0	458	153	52	6	4	0.02	3.07	0
20851403	20140004	9.43	18 1-	2 ACSR 6/1	0	0	448	152	49	6	4	0.03	3.10	1
20851404	20851403	9.68	18 1-	2 ACSR 6/1	0	0	434	150	49	6	4	0.05	3.15	2
20851789	20851404	9.74	16 1-	2 ACSR 6/1	0	0	431	150	38	4	3	0.01	3.16	0
20851790	20851789	9.80	13 1-	2 ACSR 6/1	0	0	428	150	35	4	2	0.01	3.17	0
D20-14-P014	20851790	9.80	3 1-	FUS	0	0	428	150	9	1	25	0.00	3.17	0
20140005	D20-14-P014	10.63	3 1-	2 ACSR 6/1	0	0	390	145	9	1	1	0.03	3.19	0
20250007	20140005	11.33	3 1-	2 ACSR 6/1	0	0	363	141	9	1	1	0.02	3.21	0
20240010	20250007	11.53	3 1-	2 ACSR 6/1	0	0	356	140	9	1	1	0.01	3.22	0
20240006	20240010	11.61	3 1-	2 ACSR 6/1	0	0	353	140	9	1	1	0.00	3.22	0
20240008	20240006	11.66	2 1-	2 ACSR 6/1	0	0	351	140	6	0	0	0.00	3.22	0
20240009	20240008	11.74	2 1-	2 ACSR 6/1	0	0	349	139	6	0	0	0.00	3.23	0
20240005	20240009	11.79	1 1-	2 ACSR 6/1	0	0	347	139	4	0	0	0.00	3.23	0
20240007	20240006	11.66	1 1-	2 ACSR 6/1	0	0	351	140	2	0	0	0.00	3.22	0
20250004	20140005	10.81	0 1-	2 ACSR 6/1	0	0	383	144	0	0	0	0.00	3.19	0
20851791	20851790	9.89	8 1-	2 ACSR 6/1	0	0	424	149	23	3	2	0.01	3.17	0
20851793	20851791	10.06	5 1-	2 ACSR 6/1	0	0	415	148	13	1	1	0.01	3.18	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851809	20851793	10.54	4 1-	2 ACSR 6/1	0	0	394	146	7	0	0	0.01	3.19	0
20851794	20851809	10.64	1 1-	2 ACSR 6/1	0	0	390	145	2	0	0	0.00	3.19	0
20851810	20851809	10.60	1 1-	2 ACSR 6/1	0	0	391	145	2	0	0	0.00	3.19	0
20851792	20851791	9.97	1 1-	2 ACSR 6/1	0	0	420	149	1	0	0	0.00	3.17	0
20851724	20851790	9.86	2 1-	2 ACSR 6/1	0	0	425	149	3	0	0	0.00	3.17	0
20851787	20851404	9.76	2 1-	2 ACSR 6/1	0	0	430	150	11	1	1	0.00	3.15	0
20851788	20851787	9.85	1 1-	2 ACSR 6/1	0	0	426	149	4	0	0	0.00	3.15	0
20851402	20140004	9.41	1 1-	2 ACSR 6/1	0	0	448	152	3	0	0	0.00	3.07	0
14940007	14940006	8.20	3 1-	2 ACSR 6/1	0	0	522	159	6	0	0	0.00	2.89	0
20850731	14940007	8.28	2 1-	2 ACSR 6/1	0	0	516	158	4	0	0	0.00	2.89	0
20850924	20850731	8.40	1 1-	2 ACSR 6/1	0	0	508	157	0	0	0	0.00	2.89	0
14950014	14950013	7.44	4 1-	2 ACSR 6/1	0	0	570	162	8	1	1	0.00	6.22	0
14950016	14950014	7.51	2 1-	2 ACSR 6/1	0	0	565	161	4	0	0	0.00	6.22	0
14850034	14950016	7.61	1 1-	2 ACSR 6/1	0	0	556	161	2	0	0	0.00	6.22	0
14850040	14950016	7.57	1 1-	2 ACSR 6/1	0	0	559	161	2	0	0	0.00	6.22	0
14960038	14960022	6.64	1 1-	2 ACSR 6/1	0	0	635	165	4	0	0	0.00	5.92	0
14860051	14960038	6.67	0 1-	2 ACSR 6/1	0	0	632	165	0	0	0	0.00	5.92	0
14870046	14870024	5.40	1 1-	2 ACSR 6/1	0	0	770	172	3	0	0	0.00	2.47	0
14870027	14870033	5.40	224 3-	4/0 ACSR 6/1	1000	902	777	172	745	32	10	0.00	4.43	49
D14-87-P007	14870027	5.40	224 3-	REC-70-L	1000	902	777	172	744	32	47	0.00	4.43	0
14870023	D14-87-P007	5.44	224 3-	4/0 ACSR 6/1	995	897	772	172	744	32	10	0.00	4.44	8
14870036	14870023	5.53	223 3-	4/0 ACSR 6/1	985	888	763	172	744	32	10	0.00	4.47	16
14870037	14870036	5.98	222 3-	4/0 ACSR 6/1	936	842	718	170	742	32	10	0.00	4.60	84
14860057	14870037	6.01	3 1-	2 ACSR 6/1	0	0	714	170	4	0	0	0.00	2.41	0
14860058	14860057	6.05	2 1-	2 ACSR 6/1	0	0	709	170	1	0	0	0.00	2.41	0
14860040	14860058	6.19	1 1-	2 ACSR 6/1	0	0	690	169	1	0	0	0.00	2.41	0
14860025	14870037	6.05	219 3-	4/0 ACSR 6/1	930	836	712	170	738	32	10	0.00	4.62	12
14860034	14860025	6.15	218 3-	4/0 ACSR 6/1	920	827	702	170	736	32	10	0.00	4.65	19
14860035	14860034	6.18	217 3-	4/0 ACSR 6/1	917	824	700	170	733	32	9	0.00	4.65	4
14860026	14860035	6.24	4 1-	2 ACSR 6/1	0	0	692	169	16	2	1	0.00	5.88	0
14860030	14860026	6.47	1 1-	2 ACSR 6/1	0	0	664	168	5	0	0	0.00	5.88	0
14860031	14860026	6.32	3 1-	2 ACSR 6/1	0	0	682	169	10	1	1	0.00	5.88	0
14760009	14860031	6.37	2 1-	2 ACSR 6/1	0	0	676	168	3	0	0	0.00	5.88	0
14860027	14860035	6.30	213 3-	1/0 ACSR 6/1	901	809	687	169	717	31	14	0.01	4.71	42
14860037	14860027	6.51	212 3-	1/0 ACSR 6/1	875	785	666	168	714	31	14	0.02	4.82	69
14860038	14860037	6.71	211 3-	1/0 ACSR 6/1	852	764	648	167	711	31	14	0.02	4.91	64
14860039	14860038	6.80	210 3-	1/0 ACSR 6/1	842	754	639	167	710	31	14	0.01	4.96	31
14860032	14860039	6.89	208 3-	1/0 ACSR 6/1	832	745	631	166	705	31	14	0.01	5.01	29
14860049	14860032	6.95	199 3-	1/0 ACSR 6/1	826	739	626	166	669	29	13	0.00	5.03	16
14860050	14860049	7.13	198 3-	1/0 ACSR 6/1	807	722	611	165	660	29	13	0.01	5.11	52
14860052	14860050	7.22	198 3-	1/0 ACSR 6/1	798	713	604	165	659	29	13	0.01	5.16	26
14860054	14860052	7.41	197 3-	1/0 ACSR 6/1	779	695	588	164	657	28	13	0.02	5.24	55
14850039	14860054	7.48	193 3-	1/0 ACSR 6/1	773	690	584	163	645	28	12	0.00	5.27	17
14850024	14850039	7.57	1 1-	2 ACSR 6/1	0	0	575	163	4	0	0	0.00	6.49	0
14850025	14850039	7.54	2 1-	2 ACSR 6/1	0	0	578	163	12	1	1	0.00	6.80	0
14850026	14850025	7.69	2 1-	2 ACSR 6/1	0	0	565	162	12	1	1	0.00	6.80	0
14850027	14850026	7.82	1 1-	2 ACSR 6/1	0	0	554	161	3	0	0	0.00	6.80	0
14850018	14850039	7.63	190 3-	1/0 ACSR 6/1	759	677	572	163	629	27	12	0.01	5.34	41
14850022	14850018	7.75	34 1-	2 ACSR 6/1	0	0	562	162	112	14	8	0.05	6.94	5
D14-85-P021	14850022	7.75	34 1-	REC-25-H	0	0	562	162	112	14	60	0.00	6.94	0
14850021	D14-85-P021	7.92	34 1-	2 ACSR 6/1	0	0	548	161	112	14	8	0.07	7.02	7
14850028	14850021	8.03	34 1-	2 ACSR 6/1	0	0	540	160	112	14	8	0.04	7.06	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14850029	14850028	8.06	33 1-	2 ACSR 6/1	0	0	537	160	111	14	8	0.01	7.08	1
14850030	14850029	8.12	33 1-	2 ACSR 6/1	0	0	533	160	111	14	8	0.02	7.10	2
14850046	14850030	8.24	32 1-	2 ACSR 6/1	0	0	524	159	99	13	7	0.04	7.14	3
14850047	14850046	8.26	31 1-	2 ACSR 6/1	0	0	522	159	92	12	7	0.01	7.15	0
14850037	14850047	8.30	28 1-	2 ACSR 6/1	0	0	519	158	76	10	6	0.01	7.16	0
14850031	14850037	8.37	24 1-	2 ACSR 6/1	0	0	514	158	68	9	5	0.02	7.18	0
14850035	14850031	8.43	20 1-	2 ACSR 6/1	0	0	510	158	59	7	4	0.01	7.19	0
14850041	14850035	8.47	18 1-	2 ACSR 6/1	0	0	507	157	53	7	4	0.01	7.20	0
14850042	14850041	8.56	18 1-	2 ACSR 6/1	0	0	501	157	53	7	4	0.02	7.22	0
14850043	14850042	8.61	0 1-	2 ACSR 6/1	0	0	497	157	0	0	0	0.00	7.22	0
14850019	14850042	8.69	18 1-	2 ACSR 6/1	0	0	492	156	53	7	4	0.03	7.25	1
D14-84-P024	14850019	8.69	1 1-	FUS-10	0	0	492	156	1	0	1	0.00	7.25	0
14840023	D14-84-P024	9.05	1 1-	2 ACSR 6/1	0	0	469	154	1	0	0	0.00	7.25	0
14840030	14840023	9.14	0 1-	2 ACSR 6/1	0	0	465	153	0	0	0	0.00	7.25	0
14840038	14840023	9.09	1 1-	2 ACSR 6/1	0	0	467	154	1	0	0	0.00	7.25	0
14840024	14850019	8.86	17 1-	2 ACSR 6/1	0	0	482	155	52	6	4	0.03	7.28	1
14840031	14840024	8.91	2 1-	2 ACSR 6/1	0	0	478	155	8	1	1	0.00	7.28	0
14840026	14840024	9.00	15 1-	2 ACSR 6/1	0	0	473	154	43	5	3	0.02	7.30	0
14840032	14840026	9.43	15 1-	2 ACSR 6/1	0	0	448	152	43	5	3	0.07	7.37	2
14840033	14840032	9.53	13 1-	2 ACSR 6/1	0	0	443	151	40	5	3	0.02	7.39	0
14840035	14840033	9.76	12 1-	2 ACSR 6/1	0	0	431	150	37	4	3	0.03	7.42	0
14840037	14840035	9.82	1 1-	2 ACSR 6/1	0	0	428	149	1	0	0	0.00	7.42	0
14840036	14840035	9.78	1 1-	2 ACSR 6/1	0	0	430	150	7	0	1	0.00	7.42	0
14840034	14840035	9.86	10 1-	2 ACSR 6/1	0	0	426	149	29	3	2	0.01	7.43	0
14840040	14840034	9.93	7 1-	2 ACSR 6/1	0	0	422	149	20	2	1	0.01	7.44	0
14840028	14840040	10.08	6 1-	2 ACSR 6/1	0	0	415	148	11	1	1	0.01	7.44	0
14840029	14840028	10.12	2 1-	2 ACSR 6/1	0	0	413	148	3	0	0	0.00	7.44	0
14840042	14840028	10.65	3 1-	2 ACSR 6/1	0	0	390	145	6	0	0	0.01	7.45	0
14830003	14840042	10.74	2 1-	2 ACSR 6/1	0	0	386	144	3	0	0	0.00	7.45	0
14830004	14830003	10.84	0 1-	2 ACSR 6/1	0	0	382	144	0	0	0	0.00	7.45	0
14840041	14840040	10.02	1 1-	2 ACSR 6/1	0	0	418	148	8	1	1	0.00	7.44	0
14840039	14840034	9.92	2 1-	2 ACSR 6/1	0	0	423	149	8	1	1	0.00	7.43	0
14840043	14840033	9.69	1 1-	2 ACSR 6/1	0	0	434	150	4	0	0	0.00	7.39	0
14840025	14840026	9.01	0 1-	2 ACSR 6/1	0	0	472	154	0	0	0	0.00	7.30	0
14-84-P014-A	14840025	9.01	0 1-	Open	0	0	472	154	0	0	0	0.00	7.30	0
14850038	14850035	8.51	1 1-	2 ACSR 6/1	0	0	504	157	3	0	0	0.00	7.19	0
14850032	14850031	8.43	4 1-	2 ACSR 6/1	0	0	510	158	9	1	1	0.00	7.18	0
14850033	14850032	8.49	3 1-	2 ACSR 6/1	0	0	506	157	7	0	0	0.00	7.19	0
14850036	14850047	8.35	2 1-	2 ACSR 6/1	0	0	515	158	10	1	1	0.00	7.15	0
14850020	14850021	8.10	0 1-	2 ACSR 6/1	0	0	534	160	0	0	0	0.00	7.02	0
14850023	14850018	8.39	156 3-	1/0 ACSR 6/1	695	618	522	159	517	22	10	0.01	5.61	156
14750004	14850023	8.46	156 3-	1/0 ACSR 6/1	690	614	518	159	515	22	10	0.00	5.64	13
14750003	14750004	8.75	155 3-	1/0 ACSR 6/1	668	594	501	158	514	22	10	0.00	5.74	60
14750002	14750003	8.82	153 3-	1/0 ACSR 6/1	663	589	497	157	508	22	10	0.00	5.77	14
D14-74-P024	14750002	8.82	47 1-	REC-35-H	0	0	497	157	140	18	54	0.00	7.45	0
14740046	D14-74-P024	9.13	47 1-	2 ACSR 6/1	0	0	478	155	140	18	10	0.16	7.61	19
14740062	14740046	9.21	44 1-	2 ACSR 6/1	0	0	473	155	136	18	10	0.04	7.66	5
14740063	14740062	9.44	43 1-	2 ACSR 6/1	0	0	459	154	134	17	10	0.12	7.78	13
14740048	14740063	9.71	42 1-	2 ACSR 6/1	0	0	445	152	131	17	10	0.13	7.90	13
14640089	14740048	9.79	39 1-	2 ACSR 6/1	0	0	440	152	115	15	9	0.04	7.94	4
14640091	14640089	9.87	39 1-	2 ACSR 6/1	0	0	437	151	115	15	9	0.03	7.97	3
14640092	14640091	9.92	2 1-	2 ACSR 6/1	0	0	434	151	7	0	1	0.00	7.98	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14640073	14640092	10.00	1 1-	2 ACSR 6/1	0	0	430	150	7	0	0	0.00	7.98	0
14640071	14640092	10.08	1 1-	2 ACSR 6/1	0	0	426	150	1	0	0	0.00	7.98	0
14640090	14640091	9.94	35 1-	2 ACSR 6/1	0	0	433	151	105	14	8	0.03	8.00	3
14640075	14640090	10.02	30 1-	2 ACSR 6/1	0	0	429	150	94	12	7	0.03	8.03	2
14640050	14640075	10.19	28 1-	2 ACSR 6/1	0	0	420	149	84	11	6	0.05	8.09	4
14640099	14640050	10.25	22 1-	2 ACSR 6/1	0	0	417	149	70	9	5	0.02	8.10	0
14650028	14640099	10.33	20 1-	2 ACSR 6/1	0	0	414	149	61	8	5	0.02	8.12	0
14650029	14650028	10.37	15 1-	2 ACSR 6/1	0	0	412	148	56	7	4	0.01	8.13	0
14650030	14650029	10.43	11 1-	2 ACSR 6/1	0	0	409	148	44	5	3	0.01	8.14	0
14650020	14650030	10.49	8 1-	2 ACSR 6/1	0	0	406	148	36	4	3	0.01	8.14	0
14650021	14650020	10.60	6 1-	2 ACSR 6/1	0	0	401	147	29	3	2	0.01	8.15	0
14650015	14650021	10.65	4 1-	2 ACSR 6/1	0	0	399	147	19	2	1	0.00	8.16	0
14650019	14650015	10.72	2 1-	2 ACSR 6/1	0	0	397	146	5	0	0	0.00	8.16	0
14650017	14650019	11.25	1 1-	2 ACSR 6/1	0	0	375	144	3	0	0	0.00	8.16	0
14650048	14650017	11.26	0 1-	2 ACSR 6/1	0	0	374	144	0	0	0	0.00	8.16	0
14-65-P045-B	14650048	11.26	0 1-	Open	0	0	374	144	0	0	0	0.00	8.16	0
14650016	14650015	10.71	1 1-	2 ACSR 6/1	0	0	397	146	5	0	0	0.00	8.16	0
14650014	14650030	10.50	2 1-	2 ACSR 6/1	0	0	406	148	4	0	0	0.00	8.14	0
14640098	14640050	10.39	3 1-	2 ACSR 6/1	0	0	411	148	10	1	1	0.00	8.09	0
14650027	14640098	10.42	1 1-	2 ACSR 6/1	0	0	410	148	1	0	0	0.00	8.09	0
14640051	14640050	10.25	2 1-	2 ACSR 6/1	0	0	417	149	3	0	0	0.00	8.09	0
14640074	14640090	9.99	3 1-	2 ACSR 6/1	0	0	430	150	8	1	1	0.00	8.00	0
14640101	14640074	10.04	1 1-	2 ACSR 6/1	0	0	428	150	5	0	0	0.00	8.00	0
14640076	14640074	10.04	1 1-	2 ACSR 6/1	0	0	428	150	3	0	0	0.00	8.00	0
14640087	14740048	9.73	1 1-	2 ACSR 6/1	0	0	444	152	5	0	0	0.00	7.90	0
14640088	14640087	9.78	0 1-	2 ACSR 6/1	0	0	441	152	0	0	0	0.00	7.90	0
14740047	14740046	9.21	2 1-	2 ACSR 6/1	0	0	473	155	2	0	0	0.00	7.62	0
14740050	14750002	8.87	106 3-	2 ACSR 6/1	660	586	495	157	367	16	9	0.01	5.78	6
14740051	14740050	9.23	105 3-	2 ACSR 6/1	630	558	472	155	367	16	9	0.10	5.92	45
D14-74-P117	14740051	9.23	105 3-	REC-35-H	630	558	472	155	367	16	46	0.00	5.92	0
14740042	D14-74-P117	9.32	105 3-	2 ACSR 6/1	622	551	467	154	367	16	9	0.02	5.96	11
14740064	14740042	9.41	76 3-	2 ACSR 6/1	615	544	461	154	254	11	6	0.04	5.98	6
14740066	14740064	9.50	1 1-	2 ACSR 6/1	0	0	456	153	2	0	0	0.00	7.72	0
14740065	14740064	9.55	74 3-	2 ACSR 6/1	605	535	454	153	250	11	6	0.05	6.02	9
14740067	14740065	9.59	12 1-	2 ACSR 6/1	0	0	451	153	34	4	3	0.01	7.74	0
14740068	14740067	9.64	11 1-	2 ACSR 6/1	0	0	448	152	32	4	2	0.01	7.74	0
14740069	14740068	9.68	2 1-	2 ACSR 6/1	0	0	446	152	8	1	1	0.00	7.75	0
14740070	14740069	9.73	1 1-	2 ACSR 6/1	0	0	444	152	5	0	0	0.00	7.75	0
14740061	14740068	9.70	2 1-	2 ACSR 6/1	0	0	445	152	4	0	0	0.00	7.75	0
14740075	14740068	9.70	6 1-	2 ACSR 6/1	0	0	445	152	18	2	1	0.00	7.75	0
14740078	14740075	9.76	4 1-	2 ACSR 6/1	0	0	442	152	14	1	1	0.00	7.75	0
14740080	14740078	9.82	3 1-	2 ACSR 6/1	0	0	439	151	12	1	1	0.00	7.75	0
14740081	14740080	9.90	3 1-	2 ACSR 6/1	0	0	435	151	12	1	1	0.00	7.76	0
14740083	14740081	10.01	2 1-	2 ACSR 6/1	0	0	429	150	6	0	0	0.00	7.76	0
14740084	14740083	10.07	1 1-	2 ACSR 6/1	0	0	426	150	1	0	0	0.00	7.76	0
14740082	14740081	10.06	1 1-	2 ACSR 6/1	0	0	427	150	6	0	0	0.00	7.76	0
14740079	14740078	9.80	1 1-	2 ACSR 6/1	0	0	440	152	2	0	0	0.00	7.75	0
14740077	14740075	9.75	0 1-	2 ACSR 6/1	0	0	442	152	0	0	0	0.00	7.75	0
14740076	14740075	9.92	1 1-	2 ACSR 6/1	0	0	434	151	1	0	0	0.00	7.75	0
14740043	14740065	9.74	62 3-	2 ACSR 6/1	592	522	443	152	216	9	5	0.08	6.06	12
14740085	14740043	9.78	1 1-	2 ACSR 6/1	0	0	441	152	2	0	0	0.00	7.72	0
14740088	14740043	9.83	61 3-	2 ACSR 6/1	585	516	438	151	214	9	5	0.04	6.08	6

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14640083	14740088	9.87	26 1-	2 ACSR 6/1	0	0	436	151	106	14	8	0.02	7.64	1
14640042	14640083	9.88	26 1-	2 ACSR 6/1	0	0	436	151	106	14	8	0.00	7.64	0
14640059	14640042	9.93	7 1-	2 ACSR 6/1	0	0	433	151	30	4	2	0.00	7.64	0
14740087	14640059	9.94	4 1-	2 ACSR 6/1	0	0	433	151	18	2	1	0.00	7.64	0
14740086	14740087	10.01	2 1-	2 ACSR 6/1	0	0	429	150	11	1	1	0.00	7.65	0
14640041	14640042	9.98	19 1-	2 ACSR 6/1	0	0	430	151	75	10	6	0.03	7.67	2
14640068	14640041	10.02	2 1-	2 ACSR 6/1	0	0	429	150	18	2	1	0.00	7.67	0
14640102	14640068	10.12	1 1-	2 ACSR 6/1	0	0	424	150	10	1	1	0.00	7.67	0
14640040	14640041	10.03	17 1-	2 ACSR 6/1	0	0	428	150	57	7	4	0.01	7.68	0
14640072	14640040	10.12	16 1-	2 ACSR 6/1	0	0	424	150	56	7	4	0.02	7.70	0
14640070	14640072	10.21	15 1-	2 ACSR 6/1	0	0	419	149	53	7	4	0.02	7.72	0
14640052	14640070	10.27	2 1-	2 ACSR 6/1	0	0	416	149	1	0	0	0.00	7.72	0
14640043	14640070	10.30	13 1-	2 ACSR 6/1	0	0	415	149	52	7	4	0.02	7.73	0
14640045	14640043	10.37	2 1-	2 ACSR 6/1	0	0	412	148	7	0	0	0.00	7.73	0
14640046	14640045	10.50	1 1-	2 ACSR 6/1	0	0	406	148	2	0	0	0.00	7.74	0
14640048	14640046	10.55	1 1-	2 ACSR 6/1	0	0	404	147	2	0	0	0.00	7.74	0
14640047	14640046	10.55	0 1-	2 ACSR 6/1	0	0	404	147	0	0	0	0.00	7.74	0
14640044	14640043	10.64	9 1-	2 ACSR 6/1	0	0	400	147	42	5	3	0.06	7.79	2
14640054	14640044	10.75	8 1-	2 ACSR 6/1	0	0	395	146	37	4	3	0.02	7.81	0
14640055	14640054	10.81	8 1-	2 ACSR 6/1	0	0	392	146	37	4	3	0.01	7.81	0
14640058	14640055	10.89	1 1-	2 ACSR 6/1	0	0	389	146	1	0	0	0.00	7.82	0
14640056	14640055	10.89	7 1-	2 ACSR 6/1	0	0	389	146	36	4	3	0.01	7.82	0
14640057	14640056	11.13	6 1-	2 ACSR 6/1	0	0	379	144	34	4	3	0.03	7.85	0
14540042	14640057	11.19	1 1-	2 ACSR 6/1	0	0	377	144	9	1	1	0.00	7.85	0
14540047	14640057	11.17	4 1-	2 ACSR 6/1	0	0	378	144	19	2	1	0.00	7.86	0
14540054	14540047	11.23	2 1-	2 ACSR 6/1	0	0	376	144	5	0	0	0.00	7.86	0
14540055	14540054	11.38	1 1-	2 ACSR 6/1	0	0	370	143	0	0	0	0.00	7.86	0
14540063	14540047	11.20	1 1-	2 ACSR 6/1	0	0	377	144	6	0	0	0.00	7.86	0
14540043	14540047	11.21	1 1-	2 ACSR 6/1	0	0	376	144	9	1	1	0.00	7.86	0
14540050	14540043	11.27	0 1-	2 ACSR 6/1	0	0	374	144	0	0	0	0.00	7.86	0
14640039	14640044	10.69	1 1-	2 ACSR 6/1	0	0	398	147	6	0	0	0.00	7.79	0
14640053	14640039	10.75	0 1-	2 ACSR 6/1	0	0	395	146	0	0	0	0.00	7.79	0
14640049	14640039	10.72	1 1-	2 ACSR 6/1	0	0	396	146	6	0	0	0.00	7.79	0
14640069	14640040	10.09	1 1-	2 ACSR 6/1	0	0	425	150	1	0	0	0.00	7.68	0
14640084	14740088	9.93	34 1-	2 ACSR 6/1	0	0	433	151	106	13	8	0.04	2.95	3
14640096	14640084	10.02	31 1-	2 ACSR 6/1	0	0	429	150	101	13	7	0.03	2.98	3
14640097	14640096	10.08	30 1-	2 ACSR 6/1	0	0	426	150	99	12	7	0.02	3.00	2
14640094	14640097	10.14	29 1-	2 ACSR 6/1	0	0	423	150	96	12	7	0.02	3.03	2
14640086	14640094	10.19	28 1-	2 ACSR 6/1	0	0	420	149	94	12	7	0.02	3.05	1
14640095	14640086	10.24	27 1-	2 ACSR 6/1	0	0	418	149	92	11	7	0.02	3.06	1
14640093	14640095	10.31	26 1-	2 ACSR 6/1	0	0	415	149	90	11	6	0.02	3.08	2
14640062	14640093	10.39	23 1-	2 ACSR 6/1	0	0	411	148	84	10	6	0.03	3.11	2
14640064	14640062	10.45	19 1-	2 ACSR 6/1	0	0	408	148	68	8	5	0.01	3.12	0
14640077	14640064	10.51	18 1-	2 ACSR 6/1	0	0	405	148	64	8	5	0.01	3.14	0
14630012	14640077	10.55	6 1-	2 ACSR 6/1	0	0	404	147	24	3	2	0.00	3.14	0
14630014	14630012	10.57	1 1-	2 ACSR 6/1	0	0	403	147	3	0	0	0.00	3.14	0
14630013	14630012	11.06	5 1-	2 ACSR 6/1	0	0	382	145	21	2	2	0.04	3.18	0
14630005	14630013	11.11	4 1-	2 ACSR 6/1	0	0	380	144	11	1	1	0.00	3.18	0
14630006	14630005	11.26	2 1-	2 ACSR 6/1	0	0	374	144	3	0	0	0.00	3.18	0
14630007	14630006	11.30	1 1-	2 ACSR 6/1	0	0	373	143	2	0	0	0.00	3.18	0
14630004	14630013	11.11	1 1-	2 ACSR 6/1	0	0	380	144	10	1	1	0.00	3.18	0
14630008	14640077	10.59	10 1-	2 ACSR 6/1	0	0	402	147	37	4	3	0.01	3.15	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14640078	14630008	10.67	9 1-	2 ACSR 6/1	0	0	399	147	34	4	2	0.01	3.16	0
14640079	14640078	10.72	8 1-	2 ACSR 6/1	0	0	396	146	31	4	2	0.01	3.16	0
14640080	14640079	10.77	7 1-	2 ACSR 6/1	0	0	394	146	27	3	2	0.00	3.17	0
14640081	14640080	10.84	5 1-	2 ACSR 6/1	0	0	391	146	21	2	1	0.00	3.17	0
14640082	14640081	10.88	3 1-	2 ACSR 6/1	0	0	390	146	11	1	1	0.00	3.17	0
14640066	14640082	10.97	1 1-	2 ACSR 6/1	0	0	386	145	2	0	0	0.00	3.17	0
14640067	14640081	10.90	1 1-	2 ACSR 6/1	0	0	389	145	5	0	0	0.00	3.17	0
14640063	14640062	10.43	2 1-	2 ACSR 6/1	0	0	409	148	9	1	1	0.00	3.11	0
14640065	14640063	10.46	1 1-	2 ACSR 6/1	0	0	408	148	5	0	0	0.00	3.11	0
14640061	14640062	10.47	1 1-	2 ACSR 6/1	0	0	407	148	5	0	0	0.00	3.11	0
14640060	14640093	10.42	1 1-	2 ACSR 6/1	0	0	410	148	3	0	0	0.00	3.08	0
14640085	14640084	10.00	1 1-	2 ACSR 6/1	0	0	430	150	2	0	0	0.00	2.95	0
14740054	14740042	9.39	26 1-	2 ACSR 6/1	0	0	463	154	102	13	8	0.02	7.74	2
14740094	14740054	9.43	24 1-	2 ACSR 6/1	0	0	460	154	91	12	7	0.01	7.75	1
14740096	14740094	9.47	8 1-	2 ACSR 6/1	0	0	458	153	38	5	3	0.01	7.76	0
14740092	14740096	9.53	7 1-	2 ACSR 6/1	0	0	455	153	35	4	3	0.01	7.77	0
14740093	14740092	9.56	7 1-	2 ACSR 6/1	0	0	453	153	35	4	3	0.00	7.77	0
14740073	14740093	9.58	6 1-	2 ACSR 6/1	0	0	452	153	32	4	2	0.00	7.77	0
14740074	14740073	9.65	5 1-	2 ACSR 6/1	0	0	448	152	29	3	2	0.01	7.78	0
14740071	14740074	9.72	4 1-	2 ACSR 6/1	0	0	444	152	22	2	2	0.00	7.78	0
14740072	14740071	9.85	3 1-	2 ACSR 6/1	0	0	437	151	15	1	1	0.00	7.79	0
14740053	14740072	9.91	1 1-	2 ACSR 6/1	0	0	434	151	2	0	0	0.00	7.79	0
14740095	14740094	9.54	15 1-	2 ACSR 6/1	0	0	454	153	50	6	4	0.02	7.77	0
14740058	14740095	9.63	9 1-	2 ACSR 6/1	0	0	449	153	35	4	3	0.01	7.79	0
14740056	14740058	9.68	6 1-	2 ACSR 6/1	0	0	446	152	28	3	2	0.01	7.79	0
14740055	14740056	9.73	3 1-	2 ACSR 6/1	0	0	444	152	11	1	1	0.00	7.79	0
14740052	14740055	9.77	2 1-	2 ACSR 6/1	0	0	441	152	4	0	0	0.00	7.79	0
14740098	14740052	9.89	1 1-	2 ACSR 6/1	0	0	435	151	1	0	0	0.00	7.79	0
14740044	14740056	10.13	2 1-	2 ACSR 6/1	0	0	423	150	11	1	1	0.02	7.81	0
D14-84-P055	14740044	10.13	2 1-	FUS	0	0	423	150	11	1	35	0.00	7.81	0
14840046	D14-84-P055	10.82	2 1-	2 ACSR 6/1	0	0	405	148	11	1	1	0.02	7.83	0
14840045	14840046	10.64	1 1-	2 ACSR 6/1	0	0	400	147	11	1	1	0.00	7.83	0
14840027	14740044	10.35	0 1-	2 ACSR 6/1	0	0	413	148	0	0	0	0.00	7.81	0
14-84-P014-B	14840027	10.35	0 1-	Open	0	0	413	148	0	0	0	0.00	7.81	0
14740057	14740058	9.66	2 1-	2 ACSR 6/1	0	0	447	152	6	0	0	0.00	7.79	0
14740059	14740095	9.59	5 1-	2 ACSR 6/1	0	0	451	153	14	1	1	0.00	7.78	0
14740060	14740059	9.65	4 1-	2 ACSR 6/1	0	0	448	152	12	1	1	0.00	7.78	0
14740089	14740060	9.80	3 1-	2 ACSR 6/1	0	0	440	152	7	0	0	0.00	7.78	0
14740091	14740089	10.00	1 1-	2 ACSR 6/1	0	0	430	150	3	0	0	0.00	7.78	0
14740090	14740089	9.88	1 1-	2 ACSR 6/1	0	0	436	151	3	0	0	0.00	7.78	0
14740049	14740042	9.38	1 1-	2 ACSR 6/1	0	0	463	154	5	0	0	0.00	7.71	0
14740045	14740042	9.36	2 1-	2 ACSR 6/1	0	0	464	154	6	0	0	0.00	7.71	0
14860043	14860032	7.02	5 1-	2 ACSR 6/1	0	0	617	165	16	2	1	0.01	2.49	0
14860044	14860043	7.09	2 1-	2 ACSR 6/1	0	0	610	165	4	0	0	0.00	2.49	0
14860045	14860044	7.16	1 1-	2 ACSR 6/1	0	0	604	164	3	0	0	0.00	2.49	0
14860047	14860045	7.24	0 1-	2 ACSR 6/1	0	0	596	164	0	0	0	0.00	2.49	0
14860046	14860045	7.25	1 1-	2 ACSR 6/1	0	0	595	164	3	0	0	0.00	2.49	0
14860033	14860032	6.92	4 1-	2 ACSR 6/1	0	0	628	166	20	2	1	0.00	6.14	0
14860048	14860033	6.98	2 1-	2 ACSR 6/1	0	0	622	166	7	0	0	0.00	6.14	0
14860042	14860033	6.96	1 1-	2 ACSR 6/1	0	0	624	166	6	0	0	0.00	6.14	0
14860036	14860027	6.36	1 1-	2 ACSR 6/1	0	0	679	169	3	0	0	0.00	5.76	0
14860041	14860025	6.13	1 1-	2 ACSR 6/1	0	0	702	169	2	0	0	0.00	5.64	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14870034	14870023	5.52	1 1-	2 ACSR 6/1	0	0	760	171	0	0	0	0.00	5.49	0
14870035	14870034	5.61	1 1-	2 ACSR 6/1	0	0	746	171	0	0	0	0.00	5.49	0
14870054	14870044	4.94	6 1-	2 ACSR 6/1	0	0	826	173	32	4	2	0.01	5.20	0
14870055	14870054	5.16	4 1-	2 ACSR 6/1	0	0	888	172	18	2	1	0.01	5.21	0
14870029	14870055	5.21	3 1-	2 ACSR 6/1	0	0	780	171	12	1	1	0.00	5.21	0
14870056	14870029	5.36	2 1-	2 ACSR 6/1	0	0	757	170	11	1	1	0.00	5.21	0
14770007	14870056	5.40	1 1-	2 ACSR 6/1	0	0	750	170	3	0	0	0.00	5.21	0
14880068	14880067	4.01	2 1-	2 ACSR 6/1	0	0	963	176	9	1	1	0.00	4.74	0
14880063	14880062	3.93	1 1-	2 ACSR 6/1	0	0	979	177	8	0	1	0.00	2.33	0
14780043	14780042	3.50	1 1-	2 ACSR 6/1	0	0	1079	179	12	1	1	0.00	1.95	0
14780040	14780026	3.31	0 1-	2 ACSR 6/1	0	0	1130	180	0	0	0	0.00	1.80	0
14780025	14780024	3.23	1 1-	2 ACSR 6/1	0	0	1154	180	6	0	0	0.00	1.74	0
14780030	14780025	3.30	1 1-	15 KV 2 URD XLP	0	0	1129	409	6	0	0	0.00	1.74	0
14780023	14780039	3.12	5 1-	2 ACSR 6/1	0	0	1188	181	23	2	2	0.00	1.65	0
14780027	14780023	3.16	5 1-	15 KV 2 URD XLP	0	0	1171	414	23	2	2	0.00	1.65	0
14780028	14780027	3.19	2 1-	15 KV 2 URD XLP	0	0	1160	412	8	1	1	0.00	1.66	0
14780029	14780027	3.23	1 1-	15 KV 2 URD XLP	0	0	1149	410	5	0	0	0.00	1.66	0
14780035	14780022	2.94	1 1-	2 ACSR 6/1	0	0	1240	182	3	0	0	0.00	1.49	0
14690081	14690080	1.52	1 1-	2 ACSR 6/1	0	0	1997	190	6	0	0	0.00	1.06	0
14690084	14690115	1.16	2 1-	2 ACSR 6/1	0	0	2299	191	9	1	1	0.00	0.59	0
14690085	14690084	1.22	1 1-	2 ACSR 6/1	0	0	2227	191	3	0	0	0.00	0.59	0
14690145	14690115	1.09	4 3-	336 ACSR 18/1	2472	2395	2402	192	16	0	0	0.00	0.41	0
14690146	14690145	1.15	2 3-	336 ACSR 18/1	2440	2359	2354	192	8	0	0	0.00	0.41	0
14691480	14690146	1.15	1 3-	Consumer	2440	2359	2354	192	0	0	0	0.00	0.41	0
14690140	14690145	1.12	2 1-	2 ACSR 6/1	0	0	2369	192	8	0	1	0.00	0.53	0
14690141	14690140	1.14	2 1-	2 ACSR 6/1	0	0	2336	191	8	0	1	0.00	0.53	0
14690138	14690141	1.17	1 1-	2 ACSR 6/1	0	0	2301	191	6	0	0	0.00	0.53	0
CKT 2 total losses:		\$10,706												

SUB 64, CKT 3

BK6403	GOLDBUG(64)	0.00	109 3-	BK6403	3261	3436	3854	194	2882	124	31	0.00	0.00	0
15620041	BK6403	0.02	109 3-	4/0 ACSR 6/1	3232	3396	3793	194	2882	124	37	0.03	0.03	54
15620042	15620041	0.07	109 3-	4/0 ACSR 6/1	3174	3315	3670	194	2882	124	37	0.06	0.09	113
15-62-P056-B	15620042	0.07	109 3-	Closed	3174	3315	3670	194	2881	124	0	0.00	0.09	0
15-62-P056-A	15-62-P056-B	0.07	109 3-	Closed	3174	3315	3670	194	2881	124	0	0.00	0.09	0
15620043	15-62-P056-A	0.17	109 3-	4/0 ACSR 6/1	3072	3174	3462	194	2881	124	37	0.10	0.21	210
15720229	15620043	0.25	109 3-	4/0 ACSR 6/1	2986	3059	3295	193	2879	124	37	0.09	0.32	187
15720192	15720229	0.30	7 1-	2 ACSR 6/1	0	0	3188	193	20	2	1	0.00	0.28	0
15720193	15720192	0.34	1 1-	2 ACSR 6/1	0	0	3098	193	8	0	1	0.00	0.28	0
15720140	15720229	0.29	102 3-	4/0 ACSR 6/1	2945	3005	3216	193	2857	124	36	0.05	0.37	93
15720230	15720140	0.30	102 3-	4/0 ACSR 6/1	2941	3000	3209	193	2856	124	36	0.00	0.37	9
15-72-P018-B	15720230	0.30	102 3-	Closed	2941	3000	3209	193	2856	124	0	0.00	0.37	0
15-72-P018-A	15-72-P018-B	0.30	102 3-	Closed	2941	3000	3209	193	2856	124	0	0.00	0.37	0
15720141	15-72-P018-A	0.32	102 3-	4/0 ACSR 6/1	2917	2968	3164	193	2856	124	36	0.03	0.40	56
15722100	15720141	0.32	102 3-	Consumer	2917	2968	3164	193	2856	124	0	0.00	0.40	0
15720206	15722100	0.42	0 3-	15 KV 2 URD XLP	2834	2924	3041	492	0	0	0	0.00	0.40	0
15720205	15722100	0.33	100 3-	4/0 ACSR 6/1	2905	2953	3143	193	2636	114	34	0.01	0.42	22
15720197	15720205	0.38	99 3-	4/0 ACSR 6/1	2866	2903	3072	193	2635	114	34	0.04	0.46	78
D15-72-P021	15720197	0.38	2 1-	FUS-30	0	0	3072	193	8	0	4	0.00	0.51	0
15720219	D15-72-P021	0.41	2 1-	2 ACSR 6/1	0	0	3006	193	8	0	1	0.00	0.51	0
15720218	15720219	0.50	1 1-	2 ACSR 6/1	0	0	2817	192	7	0	0	0.00	0.51	0
15720198	15720197	0.42	97 3-	4/0 ACSR 6/1	2828	2854	3003	193	2626	113	33	0.04	0.51	79

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
15720199	15720198	0.46	96 3-	4/0 ACSR 6/1	2792	2809	2941	193	2621	113	33	0.04	0.56	74
15720183	15720199	0.50	95 3-	4/0 ACSR 6/1	2754	2762	2874	192	2620	113	33	0.04	0.61	82
15720184	15720183	0.57	94 3-	4/0 ACSR 6/1	2696	2690	2776	192	2618	113	33	0.07	0.69	129
15720125	15720184	0.63	91 3-	4/0 ACSR 6/1	2650	2634	2700	192	2609	113	33	0.05	0.75	105
D15-72-P029	15720125	0.63	3 1-	FUS-30	0	0	2700	192	13	1	6	0.00	0.78	0
15720221	D15-72-P029	0.65	3 1-	2 ACSR 6/1	0	0	2668	192	13	1	1	0.00	0.78	0
15720126	15720125	0.69	86 3-	4/0 ACSR 6/1	2603	2577	2624	192	2586	112	33	0.06	0.82	109
D15-72-P150	15720126	0.69	2 1-	FUS-60	0	0	2624	192	9	1	2	0.00	0.85	0
15720136	D15-72-P150	0.77	2 1-	2 ACSR 6/1	0	0	2498	191	9	1	1	0.00	0.85	0
15720181	15720126	0.71	0 3-	1/0 ACSR 6/1	2585	2557	2598	192	0	0	0	0.00	0.82	0
15-72-P331-B	15720181	0.71	0 3-	Open	2585	2557	2598	192	0	0	0	0.00	0.82	0
15720159	15720126	0.73	83 3-	1/0 ACSR 6/1	2569	2538	2574	192	2574	111	49	0.06	0.89	131
15720160	15720159	0.78	82 3-	1/0 ACSR 6/1	2517	2480	2500	191	2567	111	49	0.10	0.99	200
D15-72-P034	15720160	0.78	16 1-	FUS-60	0	0	2500	191	60	7	13	0.00	1.03	0
15720161	D15-72-P034	0.81	16 1-	2 ACSR 6/1	0	0	2458	191	60	7	4	0.01	1.04	0
15720162	15720161	0.84	15 1-	2 ACSR 6/1	0	0	2409	191	56	7	4	0.01	1.04	0
15720178	15720162	0.87	14 1-	2 ACSR 6/1	0	0	2371	191	52	6	4	0.01	1.05	0
15720179	15720178	0.92	10 1-	2 ACSR 6/1	0	0	2307	190	21	2	1	0.00	1.05	0
15720180	15720179	0.94	9 1-	2 ACSR 6/1	0	0	2277	190	16	1	1	0.00	1.05	0
15720119	15720180	1.00	2 1-	2 ACSR 6/1	0	0	2210	190	4	0	0	0.00	1.05	0
15720201	15720178	0.91	2 1-	2 ACSR 6/1	0	0	2319	190	5	0	0	0.00	1.05	0
15720200	15720178	0.96	1 1-	2 ACSR 6/1	0	0	2251	190	25	3	2	0.00	1.05	0
15720127	15720160	0.81	65 3-	1/0 ACSR 6/1	2491	2450	2463	191	2503	109	47	0.05	1.05	99
15720164	15720127	0.83	62 3-	1/0 ACSR 6/1	2474	2431	2439	191	2495	108	47	0.03	1.08	64
15720177	15720164	0.86	60 3-	1/0 ACSR 6/1	2450	2403	2405	191	2490	108	47	0.05	1.13	95
D15-72-P054	15720177	0.86	5 1-	FUS-60	0	0	2405	191	13	1	3	0.00	1.17	0
15720167	D15-72-P054	0.89	5 1-	2 ACSR 6/1	0	0	2358	191	13	1	1	0.00	1.18	0
15720168	15720167	0.92	4 1-	2 ACSR 6/1	0	0	2322	190	10	1	1	0.00	1.18	0
15720128	15720168	0.95	2 1-	2 ACSR 6/1	0	0	2279	190	6	0	0	0.00	1.18	0
15720158	15720128	0.98	1 1-	2 ACSR 6/1	0	0	2250	190	4	0	0	0.00	1.18	0
15720129	15720177	0.89	54 3-	1/0 ACSR 6/1	2419	2368	2362	191	2440	106	46	0.06	1.20	117
D15-72-P057	15720129	0.89	3 1-	FUS-30	0	0	2362	191	12	1	5	0.00	1.24	0
15720222	D15-72-P057	0.94	3 1-	2 ACSR 6/1	0	0	2304	190	12	1	1	0.00	1.24	0
15720173	15720129	0.95	50 3-	1/0 ACSR 6/1	2375	2319	2302	190	2425	105	46	0.09	1.29	169
D15-72-P058	15720173	0.95	1 1-	FUS-30	0	0	2302	190	5	0	2	0.00	1.15	0
15720223	D15-72-P058	0.97	1 1-	2 ACSR 6/1	0	0	2269	190	5	0	0	0.00	1.15	0
15720174	15720173	0.99	49 3-	1/0 ACSR 6/1	2342	2282	2257	190	2419	105	46	0.07	1.37	132
15720131	15720174	1.02	13 1-	2 ACSR 6/1	0	0	2223	190	38	4	3	0.00	1.41	0
D15-72-P070	15720131	1.02	12 1-	REC-70-L	0	0	2223	190	34	4	6	0.00	1.41	0
15720037	D15-72-P070	1.07	12 1-	2 ACSR 6/1	0	0	2164	190	34	4	2	0.01	1.42	0
15720042	15720037	1.13	1 1-	2 ACSR 6/1	0	0	2092	189	5	0	0	0.00	1.42	0
15720030	15720037	1.14	11 1-	2 ACSR 6/1	0	0	2085	189	30	3	2	0.01	1.42	0
15720154	15720030	1.17	3 1-	2 ACSR 6/1	0	0	2053	189	11	1	1	0.00	1.42	0
15720155	15720154	1.20	2 1-	2 ACSR 6/1	0	0	2015	188	7	0	0	0.00	1.42	0
15720156	15720155	1.28	1 1-	2 ACSR 6/1	0	0	1943	188	3	0	0	0.00	1.42	0
15720039	15720030	1.25	2 1-	2 ACSR 6/1	0	0	1966	188	7	0	0	0.00	1.42	0
15720029	15720030	1.22	5 1-	2 ACSR 6/1	0	0	2004	188	9	1	1	0.00	1.42	0
15720040	15720029	1.27	2 1-	2 ACSR 6/1	0	0	1947	188	3	0	0	0.00	1.43	0
15720143	15720029	1.40	3 1-	2 ACSR 6/1	0	0	1832	187	6	0	0	0.00	1.43	0
15720144	15720143	1.60	2 1-	2 ACSR 6/1	0	0	1670	185	4	0	0	0.00	1.43	0
15720130	15720174	1.03	33 3-	1/0 ACSR 6/1	2306	2242	2210	190	2376	103	45	0.08	1.45	140
D15-72-P063	15720130	1.03	2 1-	FUS-30	0	0	2210	190	5	0	2	0.00	1.30	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15720224	D15-72-P063	1.07	2 1-	2 ACSR 6/1	0	0	2166	190	5	0	0	0.00	1.30	0
15720166	15720130	1.09	29 3-	1/0 ACSR 6/1	2261	2192	2150	190	2360	103	45	0.10	1.55	183
D15-72-P065	15720166	1.09	1 1-	FUS-30	0	0	2150	190	1	0	0	0.00	1.41	0
15720225	D15-72-P065	1.18	1 1-	2 ACSR 6/1	0	0	2059	189	1	0	0	0.00	1.41	0
15720171	15720166	1.14	28 3-	1/0 ACSR 6/1	2229	2157	2109	189	2358	103	45	0.07	1.63	129
D15-72-P066	15720171	1.14	3 1-	FUS-30	0	0	2109	189	4	0	2	0.00	1.48	0
15720226	D15-72-P066	1.17	3 1-	2 ACSR 6/1	0	0	2078	189	4	0	0	0.00	1.48	0
15720157	15720226	1.18	0 1-	2 ACSR 6/1	0	0	2060	189	0	0	0	0.00	1.48	0
15720138	15720171	1.19	21 3-	1/0 ACSR 6/1	2189	2113	2058	189	2343	102	45	0.10	1.73	170
C15-72-P183	15720138	1.19	0 3-	Capacitor	2189	2113	2058	189	0	-13	0	0.00	1.73	0
15720139	15720138	1.22	21 3-	1/0 ACSR 6/1	2168	2090	2032	189	2342	106	47	0.06	1.78	96
15720054	15720139	1.24	18 3-	1/0 ACSR 6/1	2157	2078	2018	189	2335	106	46	0.03	1.82	54
15820037	15720054	1.28	17 3-	1/0 ACSR 6/1	2130	2049	1984	189	2335	106	46	0.08	1.89	128
D15-82-P019	15820037	1.28	2 1-	FUS	0	0	1984	189	9	1	27	0.00	2.03	0
15820040	D15-82-P019	1.31	2 1-	2 ACSR 6/1	0	0	1956	188	9	1	1	0.00	2.03	0
15820036	15820037	1.33	15 3-	1/0 ACSR 6/1	2094	2009	1939	188	2324	106	46	0.11	2.00	179
15820150	15820036	1.33	2 3-	Consumer	2094	2009	1939	188	1838	84	0	0.00	2.00	0
15820023	15820036	1.34	13 3-	1/0 ACSR 6/1	2087	2002	1931	188	484	22	10	0.00	2.00	1
15820024	15820023	1.38	13 3-	1/0 ACSR 6/1	2062	1975	1900	188	484	22	10	0.01	2.02	5
15820026	15820024	1.40	13 3-	1/0 ACSR 6/1	2052	1964	1888	188	484	22	10	0.01	2.02	2
D15-82-P067	15820026	1.40	2 1-	FUS-30	0	0	1888	188	5	0	2	0.00	2.17	0
15820035	D15-82-P067	1.46	2 1-	2 ACSR 6/1	0	0	1835	188	5	0	0	0.00	2.17	0
15820025	15820026	1.42	10 3-	1/0 ACSR 6/1	2039	1950	1873	188	477	21	9	0.01	2.03	3
15820021	15820025	1.45	2 3-	1/0 ACSR 6/1	2023	1933	1853	188	393	18	8	0.01	2.04	2
15820190	15820021	1.45	2 3-	Consumer	2023	1933	1853	188	393	18	0	0.00	2.04	0
15820022	15820021	1.49	0 3-	1/0 ACSR 6/1	1999	1906	1824	188	0	0	0	0.00	2.04	0
15820016	15820022	1.50	0 3-	1/0 ACSR 6/1	1990	1897	1814	187	0	0	0	0.00	2.04	0
15820017	15820025	1.47	7 3-	1/0 ACSR 6/1	2011	1920	1839	188	82	3	2	0.00	2.03	0
D15-82-P006	15820017	1.47	5 3-	FUS-30	2011	1920	1839	188	24	1	4	0.00	2.03	0
15820034	D15-82-P006	1.48	5 3-	1/0 ACSR 6/1	2002	1910	1827	188	24	1	0	0.00	2.03	0
15820020	15820034	1.51	4 3-	1/0 ACSR 6/1	1986	1893	1809	187	16	0	0	0.00	2.03	0
15820029	15820020	1.56	2 3-	1/0 ACSR 6/1	1954	1858	1771	187	3	0	0	0.00	2.03	0
15820018	15820017	1.53	1 3-	1/0 ACSR 6/1	1970	1876	1790	187	56	2	1	0.00	2.04	0
15820019	15820018	1.55	0 3-	1/0 ACSR 6/1	1963	1868	1782	187	0	0	0	0.00	2.04	0
15820038	15820019	1.62	0 3-	1/0 ACSR 6/1	1923	1826	1735	187	0	0	0	0.00	2.04	0
15820014	15820038	1.64	0 3-	1/0 ACSR 6/1	1910	1812	1720	187	0	0	0	0.00	2.04	0
15820015	15820014	1.72	0 1-	2 ACSR 6/1	0	0	1661	186	0	0	0	0.00	1.88	0
15720148	15720184	0.61	3 3-	4/0 ACSR 6/1	2662	2648	2719	192	8	0	0	0.00	0.69	0
15720149	15720148	0.67	1 3-	4/0 ACSR 6/1	2617	2595	2648	192	3	0	0	0.00	0.69	0
CKT 3	total losses:	\$3,499												
SUB 64, CKT 4														
BK6404	GOLDBUG(64)	0.00	73 3-	BK6404	3261	3436	3854	194	929	40	10	0.00	0.00	0
15620033	BK6404	0.12	73 3-	336 ACSR 18/1	3147	3264	3609	194	929	40	8	0.05	0.04	20
15-62-P056A-B	15620033	0.12	73 3-	Closed	3147	3264	3609	194	929	40	0	0.00	0.04	0
15-62-P056A-A	15-62-P056A-B	0.12	73 3-	Closed	3147	3264	3609	194	929	40	0	0.00	0.04	0
15620048	15-62-P056A-A	0.30	73 3-	336 ACSR 18/1	2998	3051	3307	194	929	40	8	0.08	0.09	28
15720194	15620048	0.32	26 1-	2 ACSR 6/1	0	0	3248	193	76	9	5	0.01	0.14	0
D15-72-P284	15720194	0.32	26 1-	REC-50-L	0	0	3248	193	76	9	19	0.00	0.14	0
15720137	D15-72-P284	0.34	26 1-	2 ACSR 6/1	0	0	3220	193	76	9	5	0.00	0.14	0
15720234	15720137	0.36	1 1-	2 ACSR 6/1	0	0	3159	193	3	0	0	0.00	0.14	0
15720232	15720137	0.39	25 1-	2 ACSR 6/1	0	0	3099	193	74	9	5	0.01	0.15	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15720195	15720232	0.46	23 1-	2 ACSR 6/1	0	0	2950	192	72	9	5	0.02	0.17	0
15720196	15720195	0.56	20 1-	2 ACSR 6/1	0	0	2757	191	62	7	4	0.02	0.19	1
14690073	15720196	0.62	12 1-	2 ACSR 6/1	0	0	2645	191	38	4	3	0.01	0.20	0
14690136	14690073	0.65	12 1-	2 ACSR 6/1	0	0	2590	191	38	4	3	0.00	0.21	0
14690137	14690136	0.70	11 1-	2 ACSR 6/1	0	0	2513	190	31	3	2	0.01	0.21	0
14690074	14690137	0.76	10 1-	2 ACSR 6/1	0	0	2426	190	28	3	2	0.00	0.22	0
14690090	14690074	0.80	9 1-	2 ACSR 6/1	0	0	2373	190	19	2	1	0.00	0.22	0
14690143	14690090	0.85	1 1-	2 ACSR 6/1	0	0	2302	189	5	0	0	0.00	0.22	0
14690082	14690090	0.85	7 1-	2 ACSR 6/1	0	0	2292	189	11	1	1	0.00	0.22	0
14690088	14690082	0.91	6 1-	2 ACSR 6/1	0	0	2216	189	11	1	1	0.00	0.22	0
14690087	14690088	0.96	3 1-	2 ACSR 6/1	0	0	2158	188	7	0	0	0.00	0.22	0
14690083	14690087	1.01	3 1-	2 ACSR 6/1	0	0	2098	188	7	0	0	0.00	0.22	0
14690055	15720196	0.59	8 1-	2 ACSR 6/1	0	0	2698	191	24	2	2	0.00	0.19	0
14790081	14690055	0.62	6 1-	2 ACSR 6/1	0	0	2641	191	18	2	1	0.00	0.20	0
14790122	14790081	0.69	2 1-	2 ACSR 6/1	0	0	2538	190	4	0	0	0.00	0.20	0
14790048	14790081	0.74	4 1-	2 ACSR 6/1	0	0	2460	190	14	1	1	0.01	0.20	0
14790088	14790048	0.77	2 1-	2 ACSR 6/1	0	0	2406	190	9	1	1	0.00	0.20	0
14790089	14790088	0.81	0 1-	2 ACSR 6/1	0	0	2356	189	0	0	0	0.00	0.20	0
14790087	14790048	0.79	2 1-	2 ACSR 6/1	0	0	2387	190	5	0	0	0.00	0.20	0
15720036	15620048	0.33	47 3-	336 ACSR 18/1	2974	3019	3261	193	852	37	7	0.01	0.10	4
15-72-P008-B	15720036	0.33	47 3-	Closed	2974	3019	3261	193	852	37	0	0.00	0.10	0
15-72-P008-A	15-72-P008-B	0.33	47 3-	Closed	2974	3019	3261	193	852	37	0	0.00	0.10	0
15720032	15-72-P008-A	0.42	47 3-	336 ACSR 18/1	2907	2928	3133	193	852	37	7	0.03	0.12	11
15720187	15720032	0.51	29 3-	336 ACSR 18/1	2840	2841	3011	193	797	35	7	0.03	0.15	10
D15-72-P010	15720187	0.51	7 1-	FUS-60	0	0	3011	193	37	4	8	0.00	0.20	0
15720145	D15-72-P010	0.54	7 1-	2 ACSR 6/1	0	0	2954	193	37	4	3	0.00	0.20	0
15720146	15720145	0.56	5 1-	2 ACSR 6/1	0	0	2909	193	33	4	2	0.00	0.20	0
15720188	15720146	0.58	1 1-	2 ACSR 6/1	0	0	2865	192	11	1	1	0.00	0.20	0
15720051	15720146	0.62	2 1-	2 ACSR 6/1	0	0	2797	192	13	1	1	0.00	0.20	0
15720052	15720146	0.67	2 1-	2 ACSR 6/1	0	0	2699	192	9	1	1	0.00	0.20	0
15720150	15720187	0.54	20 3-	336 ACSR 18/1	2820	2816	2975	193	755	33	6	0.01	0.16	3
15720152	15720150	0.58	3 3-	336 ACSR 18/1	2790	2790	2921	193	12	0	0	0.00	0.16	0
15720151	15720150	0.58	15 3-	336 ACSR 18/1	2791	2779	2924	193	736	33	6	0.01	0.17	4
15720186	15720151	0.63	2 1-	2 ACSR 6/1	0	0	2824	192	2	0	0	0.00	0.17	0
15720185	15720151	0.62	10 3-	336 ACSR 18/1	2763	2744	2875	193	724	32	6	0.01	0.18	4
15720182	15720185	0.67	6 3-	336 ACSR 18/1	2727	2698	2812	193	709	31	6	0.01	0.19	5
15720153	15720182	0.75	2 3-	1/0 ACSR 6/1	2649	2611	2694	192	696	31	14	0.04	0.23	22
15720920	15720153	0.75	2 3-	Consumer	2649	2611	2694	192	695	31	0	0.00	0.23	0
15720228	15720153	0.83	0 3-	1/0 ACSR 6/1	2571	2525	2580	192	0	0	0	0.00	0.23	0
15720038	15720228	0.91	0 3-	1/0 ACSR 6/1	2499	2444	2476	191	0	0	0	0.00	0.23	0
15720041	15720038	0.94	0 3-	15 KV 2 URD XLP	2477	2429	2449	483	0	0	0	0.00	0.23	0
15720213	15720038	0.96	0 1-	15 KV 2 URD XLP	0	0	2417	482	0	0	0	0.00	0.23	0
15720214	15720213	1.00	0 1-	15 KV 2 URD XLP	0	0	2358	478	0	0	0	0.00	0.23	0
15720043	15720038	0.95	0 3-	15 KV 2 URD XLP	2474	2426	2444	483	0	0	0	0.00	0.23	0
15720044	15720043	1.03	0 3-	15 KV 2 URD XLP	2419	2383	2375	478	0	0	0	0.00	0.23	0
15720031	15720228	0.90	0 3-	1/0 ACSR 6/1	2509	2456	2490	191	0	0	0	0.00	0.23	0
15720207	15720031	0.97	0 3-	1/0 ACSR 6/1	2443	2382	2397	191	0	0	0	0.00	0.23	0
15720208	15720207	1.03	0 3-	1/0 ACSR 6/1	2392	2326	2327	191	0	0	0	0.00	0.23	0
15720211	15720208	1.10	0 1-	15 KV 2 URD XLP	0	0	2252	476	0	0	0	0.00	0.23	0
15720212	15720211	1.10	0 1-	15 KV 2 URD XLP	0	0	2247	475	0	0	0	0.00	0.23	0
15720210	15720208	1.07	0 3-	1/0 ACSR 6/1	2364	2295	2290	191	0	0	0	0.00	0.23	0
15720049	15720210	1.13	0 3-	1/0 ACSR 6/1	2317	2244	2227	190	0	0	0	0.00	0.23	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 85	CARPENTER (85)	3336			4080	4191	4655	365	17445						
SUB 85,	CKT 1														
BK8501+	CARPENTER(85)	0.00	757 3-	BK8501	4080	4191	4655	365	2697	60 30	0.00	0.00	0.00	0	
22230032+	BK8501	0.10	757 3-	4/0 ACSR 6/1	3988	4075	4471	365	2697	60 18	0.04	0.03	0.03	52	
22230033+	22230032	0.13	757 3-	4/0 ACSR 6/1	3955	4034	4407	364	2697	60 18	0.01	0.04	0.04	19	
22230035+	22230033	0.25	756 3-	4/0 ACSR 6/1	3850	3904	4207	364	2689	60 18	0.04	0.07	0.07	63	
22230036+	22230035	0.31	756 3-	4/0 ACSR 6/1	3795	3836	4105	363	2689	60 18	0.02	0.09	0.09	34	
D22-13-P143+	22230036	0.31	1 1-	FUS	0	0	4105	363	0	0 0	0.00	0.12	0.12	0	
22130045+	D22-13-P143	0.64	1 1-	2 ACSR 6/1	0	0	3526	358	0	0 0	0.00	0.12	0.12	0	
22130026+	22230036	0.38	754 3-	4/0 ACSR 6/1	3744	3773	4011	363	2679	60 18	0.02	0.11	0.11	33	
22120023+	22130026	0.44	754 3-	4/0 ACSR 6/1	3693	3712	3921	362	2678	60 18	0.02	0.13	0.13	33	
22120042+	22120023	0.56	752 3-	4/0 ACSR 6/1	3600	3599	3759	362	2667	59 18	0.04	0.16	0.16	62	
22120043+	22120042	0.64	752 3-	4/0 ACSR 6/1	3540	3528	3658	361	2666	59 18	0.03	0.18	0.18	42	
22120048+	22120043	0.68	752 3-	1/0 ACSR 6/1	3502	3485	3599	361	2666	59 26	0.03	0.21	0.21	44	
22120052+	22120048	0.91	751 3-	1/0 ACSR 6/1	3301	3257	3299	358	2664	59 26	0.14	0.33	0.33	247	
22120037+	22120052	1.00	747 3-	1/0 ACSR 6/1	3230	3176	3197	357	2658	59 26	0.05	0.37	0.37	93	
D22-13-P068A+	22120037	1.00	2 1-	FUS-30	0	0	3197	357	6	0 1	0.00	0.46	0.46	0	
22130042+	D22-13-P068A	1.10	2 1-	2 ACSR 6/1	0	0	3079	356	6	0 0	0.00	0.46	0.46	0	
22120049+	22130042	1.17	1 1-	2 ACSR 6/1	0	0	2994	355	3	0 0	0.00	0.46	0.46	0	
22120058+	22120049	1.46	0 1-	2 ACSR 6/1	0	0	2690	350	0	0 0	0.00	0.46	0.46	0	
22120051+	22120049	1.23	0 1-	2 ACSR 6/1	0	0	2931	354	0	0 0	0.00	0.46	0.46	0	
22120050+	22120049	1.23	0 1-	2 ACSR 6/1	0	0	2926	354	0	0 0	0.00	0.46	0.46	0	
D22-13-P068B+	22120037	1.00	26 1-	FUS	0	0	3197	357	105	7 160	0.00	0.38	0.38	0	
22130023+	D22-13-P068B	1.06	26 1-	2 ACSR 6/1	0	0	3129	356	105	7 4	0.01	0.39	0.39	0	
22130029+	22130023	1.14	26 1-	2 ACSR 6/1	0	0	3037	355	105	7 4	0.01	0.39	0.39	0	
22130043+	22130029	1.19	1 1-	2 ACSR 6/1	0	0	2969	354	9	0 0	0.00	0.39	0.39	0	
22130024+	22130029	1.18	25 1-	2 ACSR 6/1	0	0	2982	355	96	6 4	0.00	0.40	0.40	0	
22130018+	22130024	1.36	24 1-	2 ACSR 6/1	0	0	2794	352	95	6 4	0.02	0.41	0.41	1	
22130019+	22130018	1.42	23 1-	2 ACSR 6/1	0	0	2733	351	93	6 3	0.01	0.42	0.42	0	
22130020+	22130019	1.51	22 1-	2 ACSR 6/1	0	0	2643	350	88	5 3	0.01	0.43	0.43	0	
22130021+	22130020	1.64	21 1-	2 ACSR 6/1	0	0	2531	348	86	5 3	0.01	0.44	0.44	0	
22130022+	22130021	1.67	19 1-	2 ACSR 6/1	0	0	2508	347	83	5 3	0.00	0.44	0.44	0	
22130038+	22130022	2.06	16 1-	2 ACSR 6/1	0	0	2214	342	76	5 3	0.03	0.47	0.47	2	
22130039+	22130038	2.11	15 1-	2 ACSR 6/1	0	0	2179	341	70	4 3	0.00	0.47	0.47	0	
22130040+	22130039	2.14	14 1-	2 ACSR 6/1	0	0	2159	341	69	4 3	0.00	0.48	0.48	0	
22130032+	22130040	2.44	2 1-	2 ACSR 6/1	0	0	1981	336	12	0 0	0.00	0.48	0.48	0	
22130031+	22130040	2.29	11 1-	2 ACSR 6/1	0	0	2063	338	55	3 2	0.01	0.49	0.49	0	
22130033+	22130031	2.35	1 1-	2 ACSR 6/1	0	0	2030	338	2	0 0	0.00	0.49	0.49	0	
22130017+	22130031	2.35	10 1-	2 ACSR 6/1	0	0	2028	338	53	3 2	0.00	0.49	0.49	0	
22140009+	22130017	2.41	9 1-	2 ACSR 6/1	0	0	1996	337	48	3 2	0.00	0.49	0.49	0	
22140015+	22140009	2.49	6 1-	2 ACSR 6/1	0	0	1952	336	42	2 2	0.00	0.49	0.49	0	
22140014+	22140015	2.57	5 1-	2 ACSR 6/1	0	0	1911	335	38	2 1	0.00	0.50	0.50	0	
22140005+	22140014	2.61	3 1-	2 ACSR 6/1	0	0	1891	334	24	1 1	0.00	0.50	0.50	0	
22140006+	22140005	2.65	2 1-	2 ACSR 6/1	0	0	1869	333	14	0 1	0.00	0.50	0.50	0	
22140013+	22140006	2.74	1 1-	2 ACSR 6/1	0	0	1828	332	9	0 0	0.00	0.50	0.50	0	
22140004+	22140013	2.63	1 1-	2 ACSR 6/1	0	0	1879	334	8	0 0	0.00	0.50	0.50	0	
22140008+	22140009	2.48	1 1-	2 ACSR 6/1	0	0	1959	336	1	0 0	0.00	0.49	0.49	0	
22140007+	22130017	2.48	1 1-	2 ACSR 6/1	0	0	1959	336	5	0 0	0.00	0.49	0.49	0	
22130027+	22130022	1.74	2 1-	2 ACSR 6/1	0	0	2445	346	6	0 0	0.00	0.44	0.44	0	
22130028+	22130027	1.82	1 1-	2 ACSR 6/1	0	0	2386	345	3	0 0	0.00	0.44	0.44	0	
22130034+	22120037	1.21	719 3-	1/0 ACSR 6/1	3077	3004	2984	355	2547	57 25	0.12	0.47	0.47	195	
22130035+	22130034	1.47	719 3-	1/0 ACSR 6/1	2897	2805	2746	352	2545	57 25	0.15	0.60	0.60	251	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22130036+	22130035	1.53	2 1-	2 ACSR 6/1	0	0	2690	352	2	0	0	0.00	0.73	0
22130015+	22130035	1.55	717 3-	1/0 ACSR 6/1	2847	2750	2681	352	2541	57	25	0.05	0.64	76
22130030+	22130015	1.68	716 3-	1/0 ACSR 6/1	2768	2664	2581	350	2540	57	25	0.08	0.71	122
22030023+	22130030	1.73	715 3-	1/0 ACSR 6/1	2738	2631	2543	350	2531	57	25	0.03	0.73	49
D22-03-P024+	22030023	1.73	6 1-	FUS 0	0	0	2543	350	8	0	12	0.00	0.59	0
22030019+	D22-03-P024	1.74	6 1-	2 ACSR 6/1	0	0	2536	350	8	0	0	0.00	0.60	0
22030020+	22030019	1.85	5 1-	2 ACSR 6/1	0	0	2450	348	5	0	0	0.00	0.60	0
22030021+	22030020	1.94	4 1-	2 ACSR 6/1	0	0	2380	347	5	0	0	0.00	0.60	0
22030022+	22030021	1.99	3 1-	2 ACSR 6/1	0	0	2339	346	3	0	0	0.00	0.60	0
22030014+	22030022	2.03	3 1-	2 ACSR 6/1	0	0	2314	345	3	0	0	0.00	0.60	0
22030015+	22030014	2.26	3 1-	2 ACSR 6/1	0	0	2160	342	3	0	0	0.00	0.60	0
22030016+	22030015	2.35	1 1-	2 ACSR 6/1	0	0	2104	341	1	0	0	0.00	0.60	0
22030010+	22030015	2.28	2 1-	2 ACSR 6/1	0	0	2142	342	2	0	0	0.00	0.60	0
22030024+	22030010	2.38	1 1-	2 ACSR 6/1	0	0	2081	340	0	0	0	0.00	0.60	0
22030025+	22030024	2.73	1 1-	2 ACSR 6/1	0	0	1895	335	0	0	0	0.00	0.60	0
22030017+	22030010	2.36	1 1-	2 ACSR 6/1	0	0	2098	341	1	0	0	0.00	0.60	0
22030013+	22030022	2.05	0 1-	2 ACSR 6/1	0	0	2301	345	0	0	0	0.00	0.60	0
22030012+	22030020	1.97	1 1-	2 ACSR 6/1	0	0	2354	346	0	0	0	0.00	0.60	0
22030011+	22030023	2.11	709 3-	1/0 ACSR 6/1	2535	2413	2299	346	2523	56	25	0.22	0.91	349
22030018+	22030011	2.15	3 1-	2 ACSR 6/1	0	0	2266	345	8	0	0	0.00	0.75	0
22030007+	22030011	2.18	706 3-	1/0 ACSR 6/1	2496	2372	2253	345	2512	56	25	0.05	0.95	73
22030009+	22030007	2.34	705 3-	1/0 ACSR 6/1	2423	2294	2168	344	2502	56	25	0.09	1.03	142
16930020+	22030009	2.48	2 1-	2 ACSR 6/1	0	0	2082	342	6	0	0	0.00	0.85	0
16930017+	22030009	2.72	703 3-	1/0 ACSR 6/1	2254	2118	1979	340	2495	56	25	0.23	1.21	357
16930018+	16930017	2.80	702 3-	1/0 ACSR 6/1	2224	2087	1947	339	2490	56	25	0.04	1.25	69
16930008+	16930018	2.94	697 3-	1/0 ACSR 6/1	2167	2029	1886	338	2480	56	24	0.09	1.32	133
16830020+	16930008	3.04	694 3-	1/0 ACSR 6/1	2132	1993	1848	337	2475	56	24	0.06	1.36	86
16830022+	16830020	3.23	690 3-	1/0 ACSR 6/1	2062	1922	1774	335	2464	55	24	0.12	1.46	178
16830018+	16830022	3.32	690 3-	1/0 ACSR 6/1	2034	1893	1745	334	2462	55	24	0.05	1.50	75
16830019+	16830018	3.37	680 3-	1/0 ACSR 6/1	2016	1875	1726	334	2433	55	24	0.03	1.52	49
16830035+	16830019	3.41	289 3-	1/0 ACSR 6/1	2004	1863	1714	333	829	18	8	0.01	1.53	6
16-83-P116-A+	16830035	3.41	289 3-	Closed	2004	1863	1714	333	829	18	0	0.00	1.53	0
16-83-P116-B+	16-83-P116-A	3.41	289 3-	Closed	2004	1863	1714	333	829	18	0	0.00	1.53	0
16830037+	16-83-P116-B	3.90	289 3-	1/0 ACSR 6/1	1855	1713	1562	328	829	18	8	0.18	1.60	79
D16-82-P022+	16830037	3.90	4 1-	FUS-30	0	0	1562	328	6	0	2	0.00	1.34	0
16820008+	D16-82-P022	4.08	4 1-	2 ACSR 6/1	0	0	1501	326	6	0	0	0.00	1.34	0
20852120+	16820008	4.15	2 1-	2 ACSR 6/1	0	0	1482	325	3	0	0	0.00	1.34	0
20851921+	16830037	4.00	285 3-	1/0 ACSR 6/1	1825	1684	1533	327	822	18	8	0.04	1.62	17
16720031+	20851921	4.03	284 3-	1/0 ACSR 6/1	1817	1676	1525	327	820	18	8	0.01	1.63	5
20851520+	16720031	4.22	2 1-	2 ACSR 6/1	0	0	1467	325	4	0	0	0.00	2.09	0
16720069+	16720031	4.10	282 3-	1/0 ACSR 6/1	1798	1657	1506	327	816	18	8	0.03	1.64	11
D16-72-P123+	16720069	4.10	282 3-	REC-70-E	1798	1657	1506	327	816	18	26	0.00	1.64	0
20851522+	D16-72-P123	4.23	282 3-	1/0 ACSR 6/1	1765	1624	1473	325	816	18	8	0.05	1.66	20
20851521+	20851522	4.27	282 3-	1/0 ACSR 6/1	1756	1615	1464	325	816	18	8	0.01	1.66	6
16820007+	20851521	4.39	276 3-	1/0 ACSR 6/1	1726	1586	1435	324	798	18	8	0.04	1.68	18
D16-82-P053+	16820007	4.39	8 1-	FUS-30	0	0	1435	324	29	1	7	0.00	2.22	0
16820009+	D16-82-P053	4.63	8 1-	2 ACSR 6/1	0	0	1368	321	29	1	1	0.01	2.23	0
20851340+	16820009	4.67	7 1-	2 ACSR 6/1	0	0	1359	320	28	1	1	0.00	2.23	0
20851443+	20851340	4.78	4 1-	2 ACSR 6/1	0	0	1331	319	17	1	1	0.00	2.23	0
20851847+	20851443	4.82	3 1-	2 ACSR 6/1	0	0	1321	318	17	1	1	0.00	2.23	0
20851849+	20851847	4.89	2 1-	2 ACSR 6/1	0	0	1303	317	14	0	1	0.00	2.23	0
20851780+	20851849	5.02	2 1-	2 ACSR 6/1	0	0	1272	316	14	0	1	0.00	2.24	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851782+	20851780	5.13	1 1-	2 ACSR 6/1	0	0	1247	314	11	0	0	0.00	2.24	0
20851781+	20851780	5.08	1 1-	2 ACSR 6/1	0	0	1260	315	3	0	0	0.00	2.24	0
20851848+	20851847	4.86	1 1-	2 ACSR 6/1	0	0	1310	318	3	0	0	0.00	2.23	0
20851343+	20851340	4.73	3 1-	2 ACSR 6/1	0	0	1343	319	11	0	0	0.00	2.23	0
20851342+	20851343	4.79	1 1-	2 ACSR 6/1	0	0	1327	319	5	0	0	0.00	2.23	0
20851341+	20851343	4.76	1 1-	2 ACSR 6/1	0	0	1335	319	2	0	0	0.00	2.23	0
16720067+	16820007	4.50	268 3-	1/0 ACSR 6/1	1699	1559	1409	323	769	17	8	0.04	1.70	15
16720066+	16720067	4.60	268 3-	1/0 ACSR 6/1	1676	1536	1387	322	768	17	8	0.03	1.71	14
16720053+	16720066	4.74	1 1-	2 ACSR 6/1	0	0	1349	320	6	0	0	0.00	1.42	0
16720052+	16720066	4.65	267 3-	1/0 ACSR 6/1	1664	1525	1375	321	762	17	7	0.02	1.72	7
16720051+	16720052	4.70	267 3-	1/0 ACSR 6/1	1653	1513	1364	321	762	17	7	0.02	1.72	7
16720050+	16720051	4.77	266 3-	1/0 ACSR 6/1	1637	1498	1349	320	760	17	7	0.02	1.73	10
16720059+	16720050	5.01	266 3-	1/0 ACSR 6/1	1586	1449	1301	318	760	17	7	0.08	1.77	32
D16-72-P076+	16720059	5.01	29 1-	FUS-25-E	0	0	1301	318	100	6	0	0.00	1.41	0
16720070+	D16-72-P076	5.34	29 1-	2 ACSR 6/1	0	0	1225	314	100	6	4	0.03	1.45	3
16720054+	16720070	5.45	28 1-	2 ACSR 6/1	0	0	1203	313	99	6	4	0.01	1.46	0
16720055+	16720054	5.54	27 1-	2 ACSR 6/1	0	0	1186	312	98	6	4	0.01	1.46	0
16720056+	16720055	5.71	27 1-	2 ACSR 6/1	0	0	1151	309	98	6	4	0.02	1.48	1
20851338+	16720056	5.93	1 1-	2 ACSR 6/1	0	0	1111	307	2	0	0	0.00	1.48	0
15890008+	16720056	5.76	26 1-	2 ACSR 6/1	0	0	1142	309	96	6	4	0.00	1.49	0
20851255+	15890008	5.80	1 1-	2 ACSR 6/1	0	0	1136	308	2	0	0	0.00	1.49	0
20851230+	15890008	5.91	1 1-	2 ACSR 6/1	0	0	1115	307	2	0	0	0.00	1.49	0
15890009+	15890008	5.89	24 1-	2 ACSR 6/1	0	0	1119	307	91	6	3	0.01	1.50	0
20851256+	15890009	5.94	1 1-	2 ACSR 6/1	0	0	1110	307	1	0	0	0.00	1.50	0
15890010+	15890009	6.10	23 1-	2 ACSR 6/1	0	0	1083	305	90	6	3	0.02	1.52	1
20851258+	15890010	6.18	22 1-	2 ACSR 6/1	0	0	1070	304	88	5	3	0.01	1.53	0
20851259+	20851258	6.23	21 1-	2 ACSR 6/1	0	0	1062	303	85	5	3	0.00	1.53	0
20851260+	20851259	6.33	20 1-	2 ACSR 6/1	0	0	1045	302	83	5	3	0.01	1.54	0
D15-89-P015+	20851260	6.33	10 1-	FUS-15	0	0	1045	302	37	2	19	0.00	1.54	0
20851454+	D15-89-P015	6.43	10 1-	2 ACSR 6/1	0	0	1029	301	37	2	1	0.00	1.54	0
20851455+	20851454	6.59	9 1-	2 ACSR 6/1	0	0	1006	299	34	2	1	0.00	1.55	0
20851456+	20851455	6.64	7 1-	2 ACSR 6/1	0	0	999	298	25	1	1	0.00	1.55	0
20851457+	20851456	6.70	6 1-	2 ACSR 6/1	0	0	991	298	23	1	1	0.00	1.55	0
20851458+	20851457	6.89	6 1-	2 ACSR 6/1	0	0	964	295	23	1	1	0.00	1.55	0
20851459+	20851458	6.93	4 1-	2 ACSR 6/1	0	0	959	295	19	1	1	0.00	1.55	0
15890011+	20851459	7.01	1 1-	2 ACSR 6/1	0	0	948	294	7	0	0	0.00	1.55	0
20851557+	20851459	7.06	3 1-	2 ACSR 6/1	0	0	942	294	12	0	0	0.00	1.56	0
20851546+	20851557	7.24	2 1-	2 ACSR 6/1	0	0	919	291	8	0	0	0.00	1.56	0
15990010+	20851546	7.50	1 1-	2 ACSR 6/1	0	0	889	289	4	0	0	0.00	1.56	0
20852127+	20851546	7.29	1 1-	2 ACSR 6/1	0	0	913	291	4	0	0	0.00	1.56	0
15890012+	20851260	6.94	10 1-	2 ACSR 6/1	0	0	957	295	46	3	2	0.03	1.57	0
15790014+	15890012	7.01	9 1-	2 ACSR 6/1	0	0	949	294	41	2	2	0.00	1.57	0
D15-79-P020+	15790014	7.01	1 1-	FUS	0	0	949	294	6	0	9	0.00	1.57	0
15790015+	D15-79-P020	7.34	1 1-	2 ACSR 6/1	0	0	907	290	6	0	0	0.00	1.57	0
15790013+	15790014	7.08	8 1-	2 ACSR 6/1	0	0	939	293	35	2	1	0.00	1.57	0
15790002+	15790013	7.29	7 1-	2 ACSR 6/1	0	0	913	291	34	2	1	0.01	1.58	0
15790003+	15790002	7.33	5 1-	2 ACSR 6/1	0	0	908	290	27	1	1	0.00	1.58	0
20851160+	15790003	7.47	1 1-	2 ACSR 6/1	0	0	892	289	3	0	0	0.00	1.58	0
15790004+	15790003	7.39	4 1-	2 ACSR 6/1	0	0	902	290	24	1	1	0.00	1.58	0
15790006+	15790004	7.42	3 1-	2 ACSR 6/1	0	0	897	289	17	1	1	0.00	1.58	0
15790007+	15790006	7.48	3 1-	2 ACSR 6/1	0	0	890	289	17	1	1	0.00	1.58	0
15790008+	15790007	7.55	2 1-	2 ACSR 6/1	0	0	883	288	10	0	0	0.00	1.58	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851257+	15890010	6.14	1 1-	2 ACSR 6/1	0	0	1076	304	2	0	0	0.00	1.52	0
16720062+	16720059	5.05	55 1-	2 ACSR 6/1	0	0	1292	318	140	9	5	0.01	2.44	0
D16-72-P018+	16720062	5.05	54 1-	FUS-25-E	0	0	1292	318	136	9	0	0.00	2.44	0
16720071+	D16-72-P018	5.31	54 1-	2 ACSR 6/1	0	0	1232	314	136	9	5	0.04	2.48	4
16720036+	16720071	5.40	52 1-	2 ACSR 6/1	0	0	1214	313	133	9	5	0.01	2.49	1
D16-72-P118+	16720036	5.40	9 1-	FUS-15	0	0	1214	313	34	2	18	0.00	2.49	0
16720065+	D16-72-P118	5.53	9 1-	2 ACSR 6/1	0	0	1186	312	34	2	1	0.00	2.49	0
16720041+	16720065	5.63	7 1-	2 ACSR 6/1	0	0	1167	310	23	1	1	0.00	2.50	0
16720042+	16720041	5.72	6 1-	2 ACSR 6/1	0	0	1149	309	19	1	1	0.00	2.50	0
16720043+	16720042	5.79	6 1-	2 ACSR 6/1	0	0	1136	308	19	1	1	0.00	2.50	0
16720034+	16720043	5.90	5 1-	2 ACSR 6/1	0	0	1117	307	14	0	1	0.00	2.50	0
16730014+	16720034	6.27	3 1-	2 ACSR 6/1	0	0	1056	303	10	0	0	0.00	2.50	0
16730015+	16730014	6.33	1 1-	2 ACSR 6/1	0	0	1046	302	0	0	0	0.00	2.50	0
16730013+	16730014	6.30	2 1-	2 ACSR 6/1	0	0	1050	302	10	0	0	0.00	2.50	0
20851900+	16730013	6.63	1 1-	2 ACSR 6/1	0	0	1000	298	4	0	0	0.00	2.51	0
16730003+	16720034	6.05	2 1-	2 ACSR 6/1	0	0	1092	305	4	0	0	0.00	2.50	0
20851909+	16730003	6.23	1 1-	2 ACSR 6/1	0	0	1061	303	3	0	0	0.00	2.50	0
20851804+	16730003	6.16	1 1-	2 ACSR 6/1	0	0	1073	304	1	0	0	0.00	2.50	0
16720040+	16720065	5.59	2 1-	2 ACSR 6/1	0	0	1175	311	11	0	0	0.00	2.49	0
16720027+	16720036	5.58	43 1-	2 ACSR 6/1	0	0	1177	311	99	6	4	0.02	2.51	1
16720045+	16720027	5.63	2 1-	2 ACSR 6/1	0	0	1167	310	2	0	0	0.00	2.51	0
20850990+	16720027	5.73	41 1-	2 ACSR 6/1	0	0	1148	309	97	6	4	0.02	2.52	1
16620014+	20850990	5.78	2 1-	2 ACSR 6/1	0	0	1139	309	1	0	0	0.00	2.52	0
16620013+	16620014	5.82	1 1-	2 ACSR 6/1	0	0	1132	308	1	0	0	0.00	2.52	0
20850991+	20850990	5.80	3 1-	2 ACSR 6/1	0	0	1135	308	10	0	0	0.00	2.52	0
20850992+	20850991	5.86	2 1-	2 ACSR 6/1	0	0	1124	307	7	0	0	0.00	2.52	0
20850993+	20850992	5.93	1 1-	2 ACSR 6/1	0	0	1111	307	1	0	0	0.00	2.52	0
20850989+	20850990	5.85	35 1-	2 ACSR 6/1	0	0	1126	308	86	5	3	0.01	2.53	0
20851117+	20850989	5.94	33 1-	2 ACSR 6/1	0	0	1110	307	85	5	3	0.01	2.54	0
20851118+	20851117	6.04	29 1-	2 ACSR 6/1	0	0	1093	305	80	5	3	0.01	2.55	0
20850709+	20851118	6.11	28 1-	2 ACSR 6/1	0	0	1081	305	78	5	3	0.01	2.55	0
20850708+	20850709	6.16	27 1-	2 ACSR 6/1	0	0	1072	304	71	4	3	0.00	2.56	0
20850638+	20850708	6.38	1 1-	2 ACSR 6/1	0	0	1038	301	2	0	0	0.00	2.56	0
20850636+	20850708	6.20	26 1-	2 ACSR 6/1	0	0	1066	303	69	4	3	0.00	2.56	0
20850637+	20850636	6.23	25 1-	2 ACSR 6/1	0	0	1061	303	69	4	3	0.00	2.56	0
20850663+	20850637	6.36	24 1-	2 ACSR 6/1	0	0	1041	302	68	4	3	0.01	2.57	0
20851578+	20850663	6.40	1 1-	2 ACSR 6/1	0	0	1034	301	2	0	0	0.00	2.57	0
20851129+	20850663	6.45	23 1-	2 ACSR 6/1	0	0	1026	300	65	4	2	0.01	2.58	0
20851513+	20851129	6.62	8 1-	2 ACSR 6/1	0	0	1002	299	31	2	1	0.01	2.58	0
20851703+	20851513	6.74	5 1-	2 ACSR 6/1	0	0	984	297	25	1	1	0.00	2.59	0
20851383+	20851703	6.85	3 1-	2 ACSR 6/1	0	0	969	296	17	1	1	0.00	2.59	0
20851382+	20851383	6.93	1 1-	2 ACSR 6/1	0	0	958	295	6	0	0	0.00	2.59	0
16630019+	20851383	7.04	1 1-	2 ACSR 6/1	0	0	945	294	5	0	0	0.00	2.59	0
16530058+	16630019	7.25	0 1-	2 ACSR 6/1	0	0	918	291	0	0	0	0.00	2.59	0
16530059+	16530058	7.63	0 1-	2 ACSR 6/1	0	0	874	287	0	0	0	0.00	2.59	0
16-52-P032-A+	16530059	7.63	0 1-	Open	0	0	874	287	0	0	0	0.00	2.59	0
20851512+	20851513	6.75	2 1-	2 ACSR 6/1	0	0	983	297	4	0	0	0.00	2.58	0
20851130+	20851129	6.53	13 1-	2 ACSR 6/1	0	0	1015	300	32	2	1	0.00	2.58	0
20851373+	20851130	6.63	11 1-	2 ACSR 6/1	0	0	1001	298	30	2	1	0.00	2.58	0
20851374+	20851373	6.68	0 1-	2 ACSR 6/1	0	0	993	298	0	0	0	0.00	2.58	0
16630018+	20851373	6.68	11 1-	2 ACSR 6/1	0	0	993	298	30	2	1	0.00	2.59	0
D16-63-P045+	16630018	6.68	6 1-	FUS	0	0	993	298	25	1	38	0.00	2.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851377+	D16-63-P045	6.77	6 1-	2 ACSR 6/1	0	0	981	297	25	1	1	0.00	2.59	0
20851379+	20851377	6.94	4 1-	2 ACSR 6/1	0	0	957	295	16	1	1	0.00	2.59	0
20851380+	20851379	7.23	3 1-	2 ACSR 6/1	0	0	920	292	10	0	0	0.00	2.59	0
16630021+	20851380	7.49	2 1-	2 ACSR 6/1	0	0	890	289	6	0	0	0.00	2.60	0
16730010+	16630021	7.59	2 1-	2 ACSR 6/1	0	0	878	288	6	0	0	0.00	2.60	0
20851634+	16730010	7.86	1 1-	2 ACSR 6/1	0	0	849	285	3	0	0	0.00	2.60	0
20851635+	20851634	7.92	1 1-	2 ACSR 6/1	0	0	843	284	3	0	0	0.00	2.60	0
20851381+	20851380	7.26	1 1-	2 ACSR 6/1	0	0	917	291	4	0	0	0.00	2.59	0
20851378+	20851377	6.82	1 1-	2 ACSR 6/1	0	0	974	296	7	0	0	0.00	2.59	0
20851375+	16630018	6.72	5 1-	2 ACSR 6/1	0	0	988	297	6	0	0	0.00	2.59	0
20851376+	20851375	6.85	4 1-	2 ACSR 6/1	0	0	969	296	5	0	0	0.00	2.59	0
20851514+	20851376	6.97	3 1-	2 ACSR 6/1	0	0	954	295	5	0	0	0.00	2.59	0
20851515+	20851514	7.07	2 1-	2 ACSR 6/1	0	0	941	293	3	0	0	0.00	2.59	0
20851516+	20851515	7.19	1 1-	2 ACSR 6/1	0	0	926	292	1	0	0	0.00	2.59	0
20851128+	20851129	6.62	1 1-	2 ACSR 6/1	0	0	1002	299	0	0	0	0.00	2.58	0
20851116+	20851117	6.03	2 1-	2 ACSR 6/1	0	0	1095	305	3	0	0	0.00	2.54	0
16720037+	16720062	5.08	1 1-	2 ACSR 6/1	0	0	1283	317	4	0	0	0.00	2.44	0
16720061+	16720059	5.04	181 3-	1/0 ACSR 6/1	1580	1443	1295	318	517	11	5	0.01	1.77	2
16720044+	16720061	5.06	2 1-	2 ACSR 6/1	0	0	1289	318	6	0	0	0.00	1.41	0
16720033+	16720061	5.08	178 3-	1/0 ACSR 6/1	1570	1433	1286	318	511	11	5	0.01	1.78	3
D16-72-P015+	16720033	5.08	178 3-	REC-25-E	1570	1433	1286	318	511	11	46	0.00	1.78	0
16720030+	D16-72-P015	5.29	178 3-	1/0 ACSR 6/1	1530	1394	1248	316	511	11	5	0.05	1.80	14
D16-72-P005+	16720030	5.29	3 1-	FUS-30	0	0	1248	316	11	0	3	0.00	2.50	0
16720068+	D16-72-P005	5.30	3 1-	2 ACSR 6/1	0	0	1245	316	11	0	0	0.00	2.50	0
16720039+	16720068	5.37	2 1-	2 ACSR 6/1	0	0	1231	315	7	0	0	0.00	2.50	0
16720047+	16720039	5.48	1 1-	2 ACSR 6/1	0	0	1208	313	6	0	0	0.00	2.50	0
16720046+	16720039	5.42	1 1-	2 ACSR 6/1	0	0	1219	314	0	0	0	0.00	2.50	0
16720029+	16720030	5.34	175 3-	1/0 ACSR 6/1	1520	1385	1239	315	499	11	5	0.01	1.80	3
16720048+	16720029	5.42	2 1-	2 ACSR 6/1	0	0	1222	314	5	0	0	0.00	1.39	0
16720032+	16720029	5.47	173 3-	1/0 ACSR 6/1	1494	1360	1215	314	495	11	5	0.03	1.81	9
16720049+	16720032	5.52	1 1-	2 ACSR 6/1	0	0	1205	313	6	0	0	0.00	2.54	0
16720028+	16720032	5.53	172 3-	1/0 ACSR 6/1	1483	1349	1205	314	489	11	5	0.01	1.82	4
D16-72-P008+	16720028	5.53	10 1-	FUS-30	0	0	1205	314	21	1	5	0.00	1.38	0
16720057+	D16-72-P008	5.61	10 1-	2 ACSR 6/1	0	0	1189	312	21	1	1	0.00	1.39	0
16720058+	16720057	5.72	9 1-	2 ACSR 6/1	0	0	1168	311	18	1	1	0.00	1.39	0
20851473+	16720058	5.81	1 1-	2 ACSR 6/1	0	0	1152	310	3	0	0	0.00	1.39	0
15790009+	16720058	6.02	7 1-	2 ACSR 6/1	0	0	1112	307	13	0	0	0.00	1.39	0
15790005+	15790009	6.34	6 1-	2 ACSR 6/1	0	0	1059	304	13	0	0	0.00	1.39	0
20851731+	15790005	6.42	3 1-	2 ACSR 6/1	0	0	1046	303	8	0	0	0.00	1.40	0
20851729+	16720058	5.81	1 1-	2 ACSR 6/1	0	0	1152	310	2	0	0	0.00	1.39	0
20851730+	20851729	5.85	1 1-	2 ACSR 6/1	0	0	1144	310	2	0	0	0.00	1.39	0
16620008+	16720028	5.62	162 3-	1/0 ACSR 6/1	1467	1333	1190	313	467	10	5	0.02	1.83	6
D16-62-P048+	16620008	5.62	13 1-	FUS-30	0	0	1190	313	22	1	5	0.00	2.57	0
16620015+	D16-62-P048	5.67	13 1-	2 ACSR 6/1	0	0	1181	312	22	1	1	0.00	2.57	0
20851148+	16620015	5.73	12 1-	2 ACSR 6/1	0	0	1169	311	20	1	1	0.00	2.57	0
20851183+	20851148	5.78	11 1-	2 ACSR 6/1	0	0	1160	311	18	1	1	0.00	2.57	0
20851185+	20851183	6.11	6 1-	2 ACSR 6/1	0	0	1101	307	9	0	0	0.00	2.58	0
20851262+	20851185	6.24	0 1-	2 ACSR 6/1	0	0	1078	305	0	0	0	0.00	2.58	0
20851263+	20851262	6.28	0 1-	2 ACSR 6/1	0	0	1071	305	0	0	0	0.00	2.58	0
20851186+	20851185	6.15	4 1-	2 ACSR 6/1	0	0	1092	306	5	0	0	0.00	2.58	0
20851261+	20851186	6.20	2 1-	2 ACSR 6/1	0	0	1084	306	4	0	0	0.00	2.58	0
20851184+	20851183	5.84	4 1-	2 ACSR 6/1	0	0	1148	310	7	0	0	0.00	2.58	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16620010+	20851184	6.00	1 1-	2 ACSR 6/1	0	0	1119	308	2	0	0	0.00	2.58	0
20850962+	16620008	5.65	1 1-	2 ACSR 6/1	0	0	1186	312	2	0	0	0.00	1.38	0
16620009+	16620008	5.68	148 3-	1/0 ACSR 6/1	1458	1324	1181	312	443	10	4	0.01	1.83	3
20851264+	16620009	5.70	1 1-	2 ACSR 6/1	0	0	1177	312	4	0	0	0.00	2.58	0
20851127+	16620009	5.76	147 3-	1/0 ACSR 6/1	1444	1311	1168	312	440	9	4	0.02	1.84	4
20851265+	20851127	5.92	147 3-	1/0 ACSR 6/1	1415	1283	1142	310	439	9	4	0.03	1.85	9
15690034+	20851265	6.09	145 3-	1/0 ACSR 6/1	1389	1258	1118	309	435	9	4	0.03	1.86	9
20851728+	15690034	6.22	143 3-	1/0 ACSR 6/1	1367	1237	1099	307	433	9	4	0.03	1.88	7
D15-69-P088+	20851728	6.22	10 1-	FUS-30	0	0	1099	307	35	2	9	0.00	2.69	0
15690047+	D15-69-P088	6.26	10 1-	2 ACSR 6/1	0	0	1093	307	35	2	1	0.00	2.69	0
20851769+	15690047	6.30	8 1-	2 ACSR 6/1	0	0	1085	307	32	2	1	0.00	2.69	0
20851770+	20851769	6.41	8 1-	2 ACSR 6/1	0	0	1067	305	32	2	1	0.00	2.69	0
20851771+	20851770	6.45	8 1-	2 ACSR 6/1	0	0	1060	305	32	2	1	0.00	2.70	0
15690043+	20851771	6.48	8 1-	2 ACSR 6/1	0	0	1056	304	32	2	1	0.00	2.70	0
15690044+	15690043	6.59	8 1-	2 ACSR 6/1	0	0	1039	303	32	2	1	0.00	2.70	0
20851739+	15690044	6.67	6 1-	2 ACSR 6/1	0	0	1027	302	26	1	1	0.00	2.70	0
20851740+	20851739	6.74	3 1-	2 ACSR 6/1	0	0	1016	301	5	0	0	0.00	2.70	0
20851727+	20851740	6.88	1 1-	2 ACSR 6/1	0	0	997	300	2	0	0	0.00	2.70	0
20851567+	20851728	6.39	132 3-	1/0 ACSR 6/1	1342	1214	1076	306	392	8	4	0.03	1.89	7
D15-69-P086+	20851567	6.39	4 1-	FUS-30	0	0	1076	306	6	0	1	0.00	2.72	0
15690046+	D15-69-P086	6.42	4 1-	2 ACSR 6/1	0	0	1071	306	6	0	0	0.00	2.72	0
15690029+	15690046	6.53	3 1-	2 ACSR 6/1	0	0	1053	304	4	0	0	0.00	2.72	0
20851535+	15690029	6.61	2 1-	2 ACSR 6/1	0	0	1040	303	3	0	0	0.00	2.72	0
20851536+	20851535	6.71	1 1-	2 ACSR 6/1	0	0	1025	302	0	0	0	0.00	2.72	0
15690023+	20851567	6.46	127 3-	1/0 ACSR 6/1	1330	1202	1066	305	380	8	4	0.01	1.89	3
D15-69-P027+	15690023	6.46	7 1-	FUS-25	0	0	1066	305	28	1	8	0.00	1.62	0
15690026+	D15-69-P027	6.55	7 1-	2 ACSR 6/1	0	0	1051	304	28	1	1	0.00	1.62	0
15690027+	15690026	6.65	6 1-	2 ACSR 6/1	0	0	1037	303	25	1	1	0.00	1.63	0
20852145+	15690027	6.70	2 1-	2 ACSR 6/1	0	0	1029	303	5	0	0	0.00	1.63	0
20852146+	20852145	6.83	1 1-	2 ACSR 6/1	0	0	1009	301	3	0	0	0.00	1.63	0
20852144+	15690027	6.69	1 1-	2 ACSR 6/1	0	0	1030	303	7	0	0	0.00	1.63	0
20852142+	15690027	6.74	3 1-	2 ACSR 6/1	0	0	1024	302	13	0	0	0.00	1.63	0
20852143+	20852142	6.81	2 1-	2 ACSR 6/1	0	0	1012	301	9	0	0	0.00	1.63	0
15690033+	15690023	6.53	1 1-	2 ACSR 6/1	0	0	1055	305	6	0	0	0.00	1.62	0
15690025+	15690023	6.52	119 3-	1/0 ACSR 6/1	1322	1195	1058	305	346	7	3	0.01	1.90	2
15690032+	15690025	6.60	1 1-	2 ACSR 6/1	0	0	1046	304	1	0	0	0.00	1.63	0
15690031+	15690025	6.93	118 3-	1/0 ACSR 6/1	1264	1140	1007	301	344	7	3	0.07	1.92	16
15690030+	15690031	7.09	118 3-	1/0 ACSR 6/1	1243	1120	988	300	344	7	3	0.03	1.93	6
15690024+	15690030	7.19	117 3-	1/0 ACSR 6/1	1231	1108	977	299	340	7	3	0.02	1.94	4
D15-69-P004+	15690024	7.19	2 1-	FUS	0	0	977	299	2	0	4	0.00	1.68	0
15690041+	D15-69-P004	7.43	2 1-	2 ACSR 6/1	0	0	946	297	2	0	0	0.00	1.68	0
15690042+	15690041	7.68	2 1-	2 ACSR 6/1	0	0	914	294	2	0	0	0.00	1.68	0
15690045+	15690024	7.22	51 3-	1/0 ACSR 6/1	1227	1105	974	299	134	3	1	0.00	1.94	0
15680004+	15690045	7.28	51 3-	1/0 ACSR 6/1	1219	1097	967	299	134	3	1	0.00	1.94	0
20852173+	15680004	7.37	46 3-	1/0 ACSR 6/1	1208	1087	958	298	128	2	1	0.00	1.94	0
D15-68-P013+	20852173	7.37	3 1-	FUS-30	0	0	958	298	5	0	1	0.00	1.28	0
15680005+	D15-68-P013	7.45	3 1-	2 ACSR 6/1	0	0	948	297	5	0	0	0.00	1.28	0
20852140+	15680005	7.69	2 1-	2 ACSR 6/1	0	0	917	294	4	0	0	0.00	1.28	0
20852172+	20852173	7.41	1 1-	2 ACSR 6/1	0	0	953	297	1	0	0	0.00	2.86	0
20852171+	20852173	7.44	42 3-	1/0 ACSR 6/1	1200	1079	950	297	123	2	1	0.00	1.95	0
20852169+	20852171	7.55	38 3-	1/0 ACSR 6/1	1187	1067	939	296	119	2	1	0.00	1.95	0
20852168+	20852169	7.60	1 1-	2 ACSR 6/1	0	0	932	296	4	0	0	0.00	2.87	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852167+	20852169	7.68	35 3-	1/0 ACSR 6/1	1171	1052	925	295	110	2	1	0.00	1.95	0
20852166+	20852167	7.76	2 1-	2 ACSR 6/1	0	0	916	294	7	0	0	0.00	2.87	0
20851797+	20852167	7.72	32 3-	1/0 ACSR 6/1	1167	1048	922	295	99	2	1	0.00	1.95	0
20851796+	20851797	7.84	32 3-	1/0 ACSR 6/1	1154	1036	910	294	99	2	1	0.00	1.95	0
15580030+	20851796	7.93	1 1-	2 ACSR 6/1	0	0	900	293	8	0	0	0.00	2.87	0
15580029+	20851796	7.91	29 3-	1/0 ACSR 6/1	1145	1028	903	293	77	1	1	0.00	1.96	0
15580028+	15580029	7.98	29 3-	1/0 ACSR 6/1	1138	1021	897	293	77	1	1	0.00	1.96	0
15580027+	15580028	8.08	1 1-	2 ACSR 6/1	0	0	885	292	2	0	0	0.00	1.71	0
15580026+	15580028	8.01	1 1-	2 ACSR 6/1	0	0	893	293	4	0	0	0.00	1.71	0
15580014+	15580028	8.15	27 3-	1/0 ACSR 6/1	1119	1003	880	291	72	1	1	0.00	1.96	0
15580025+	15580014	8.25	1 1-	2 ACSR 6/1	0	0	870	290	2	0	0	0.00	2.88	0
15580024+	15580014	8.19	1 1-	2 ACSR 6/1	0	0	876	291	9	0	0	0.00	1.72	0
15580023+	15580014	8.23	2 1-	2 ACSR 6/1	0	0	872	291	8	0	0	0.00	1.72	0
15580021+	15580014	8.35	23 3-	1/0 ACSR 6/1	1099	984	863	290	53	1	1	0.00	1.96	0
15580020+	15580021	8.44	19 3-	1/0 ACSR 6/1	1090	976	855	289	41	0	0	0.00	1.96	0
15580011+	15580020	8.50	17 1-	2 ACSR 6/1	0	0	849	289	35	2	1	0.00	2.89	0
15580033+	15580011	8.55	12 1-	2 ACSR 6/1	0	0	844	288	18	1	1	0.00	2.89	0
15580034+	15580033	8.59	10 1-	2 ACSR 6/1	0	0	840	288	16	1	1	0.00	2.89	0
15580035+	15580034	8.64	7 1-	2 ACSR 6/1	0	0	835	287	12	0	0	0.00	2.89	0
15580036+	15580035	8.81	6 1-	2 ACSR 6/1	0	0	818	285	9	0	0	0.00	2.89	0
15580016+	15580036	9.28	5 1-	2 ACSR 6/1	0	0	775	280	7	0	0	0.00	2.89	0
15580017+	15580016	9.33	2 1-	2 ACSR 6/1	0	0	771	280	2	0	0	0.00	2.89	0
15580018+	15580017	9.45	1 1-	2 ACSR 6/1	0	0	761	278	2	0	0	0.00	2.89	0
15580019+	15580018	9.52	1 1-	2 ACSR 6/1	0	0	755	278	2	0	0	0.00	2.89	0
15580031+	15580011	8.56	5 1-	2 ACSR 6/1	0	0	843	288	17	1	1	0.00	2.89	0
15580032+	15580031	8.65	3 1-	2 ACSR 6/1	0	0	834	287	10	0	0	0.00	2.89	0
15580015+	15580032	8.69	3 1-	2 ACSR 6/1	0	0	830	286	10	0	0	0.00	2.89	0
15570036+	15580020	8.70	0 3-	1/0 ACSR 6/1	1065	953	834	287	0	0	0	0.00	1.96	0
D15-57-P025+	15570036	8.70	0 3-	REC-70-E	1065	953	834	287	0	0	0	0.00	1.96	0
SW4-B+	D15-57-P025	8.70	0 3-	Open	1065	953	834	287	0	0	0	0.00	1.96	0
15580022+	15580021	8.40	4 3-	1/0 ACSR 6/1	1094	980	859	290	12	0	0	0.00	1.96	0
20852170+	20852171	7.47	3 1-	2 ACSR 6/1	0	0	947	297	3	0	0	0.00	1.28	0
15680003+	15680004	7.35	4 1-	2 ACSR 6/1	0	0	958	298	6	0	0	0.00	2.86	0
20852141+	15680003	7.41	3 1-	2 ACSR 6/1	0	0	950	297	4	0	0	0.00	2.86	0
20851732+	15680003	7.40	1 1-	2 ACSR 6/1	0	0	952	297	1	0	0	0.00	2.86	0
20851733+	15690024	7.28	64 1-	2 ACSR 6/1	0	0	965	298	203	13	8	0.02	2.88	3
20851734+	20851733	7.38	63 1-	2 ACSR 6/1	0	0	953	297	200	13	8	0.02	2.90	3
D15-69-P009+	20851734	7.38	62 1-	REC-35-E	0	0	953	297	198	13	39	0.00	2.90	0
15690022+	D15-69-P009	7.46	62 1-	2 ACSR 6/1	0	0	942	296	198	13	8	0.02	2.91	3
15690038+	15690022	7.51	61 1-	2 ACSR 6/1	0	0	936	296	186	12	7	0.01	2.92	1
15690040+	15690038	7.55	1 1-	2 ACSR 6/1	0	0	930	295	8	0	0	0.00	2.92	0
15690039+	15690038	7.64	60 1-	2 ACSR 6/1	0	0	920	294	178	12	7	0.02	2.95	3
15590011+	15690039	7.68	59 1-	2 ACSR 6/1	0	0	915	294	176	12	7	0.01	2.95	0
15590016+	15590011	7.75	2 1-	2 ACSR 6/1	0	0	907	293	5	0	0	0.00	2.95	0
15590006+	15590011	7.79	57 1-	2 ACSR 6/1	0	0	903	292	171	11	7	0.02	2.97	3
15590020+	15590006	7.83	52 1-	2 ACSR 6/1	0	0	898	292	151	10	6	0.01	2.98	0
15590021+	15590020	8.07	51 1-	2 ACSR 6/1	0	0	871	289	144	9	5	0.04	3.02	4
15590012+	15590021	8.21	6 1-	2 ACSR 6/1	0	0	856	288	15	1	1	0.00	3.02	0
15590024+	15590012	8.24	5 1-	2 ACSR 6/1	0	0	853	287	13	0	1	0.00	3.02	0
15590025+	15590024	8.26	4 1-	2 ACSR 6/1	0	0	850	287	11	0	0	0.00	3.02	0
15590026+	15590025	8.50	3 1-	2 ACSR 6/1	0	0	826	285	10	0	0	0.00	3.02	0
15590014+	15590026	8.54	1 1-	2 ACSR 6/1	0	0	822	284	2	0	0	0.00	3.02	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15590013+	15590026	8.78	0 1-	2 ACSR 6/1	0	0	799	282	0	0	0	0.00	3.02	0
15590005+	15590021	8.09	45 1-	2 ACSR 6/1	0	0	869	289	128	8	5	0.00	3.02	0
15590009+	15590005	8.32	44 1-	2 ACSR 6/1	0	0	844	287	122	8	5	0.03	3.05	3
15590010+	15590009	8.43	43 1-	2 ACSR 6/1	0	0	833	285	116	7	4	0.01	3.06	1
15590008+	15590010	8.70	42 1-	2 ACSR 6/1	0	0	806	282	110	7	4	0.03	3.09	3
20851371+	15590008	8.77	41 1-	2 ACSR 6/1	0	0	800	282	105	7	4	0.01	3.10	0
20851372+	20851371	8.89	41 1-	2 ACSR 6/1	0	0	789	281	105	7	4	0.01	3.11	0
20851573+	20851372	8.97	40 1-	2 ACSR 6/1	0	0	782	280	103	7	4	0.01	3.12	0
20851575+	20851573	9.34	39 1-	2 ACSR 6/1	0	0	750	276	102	7	4	0.04	3.16	3
20851611+	20851575	9.39	32 1-	2 ACSR 6/1	0	0	746	275	94	6	4	0.00	3.16	0
20851612+	20851611	9.46	32 1-	2 ACSR 6/1	0	0	741	275	94	6	4	0.01	3.17	0
20851614+	20851612	9.60	29 1-	2 ACSR 6/1	0	0	730	273	85	5	3	0.01	3.18	0
20851615+	20851614	9.64	28 1-	2 ACSR 6/1	0	0	727	273	84	5	3	0.00	3.19	0
20851616+	20851615	9.77	28 1-	2 ACSR 6/1	0	0	717	272	84	5	3	0.01	3.20	0
D15-49-P021+	20851616	9.77	28 1-	REC-25-E	0	0	717	272	84	5	23	0.00	3.20	0
15490012+	D15-49-P021	9.88	28 1-	2 ACSR 6/1	0	0	709	271	84	5	3	0.01	3.21	0
20851617+	15490012	10.00	28 1-	2 ACSR 6/1	0	0	700	269	84	5	3	0.01	3.22	0
20850418+	20851617	10.28	27 1-	2 ACSR 6/1	0	0	681	267	83	5	3	0.02	3.24	2
20850419+	20850418	10.50	24 1-	2 ACSR 6/1	0	0	666	265	77	5	3	0.02	3.26	1
16420008+	20850419	10.60	24 1-	2 ACSR 6/1	0	0	660	264	77	5	3	0.01	3.27	0
16420009+	16420008	10.87	0 1-	2 ACSR 6/1	0	0	643	261	0	0	0	0.00	3.27	0
20850377+	16420008	10.81	24 1-	2 ACSR 6/1	0	0	647	262	77	5	3	0.02	3.29	0
20850443+	20850377	10.87	23 1-	2 ACSR 6/1	0	0	643	261	75	5	3	0.00	3.29	0
20850444+	20850443	10.93	21 1-	2 ACSR 6/1	0	0	640	261	65	4	2	0.00	3.29	0
20851999+	20850444	11.15	5 1-	2 ACSR 6/1	0	0	626	259	6	0	0	0.00	3.29	0
20852000+	20851999	11.24	4 1-	2 ACSR 6/1	0	0	621	258	6	0	0	0.00	3.30	0
20852186+	20852000	11.48	3 1-	2 ACSR 6/1	0	0	608	256	4	0	0	0.00	3.30	0
20852187+	20852186	11.62	1 1-	2 ACSR 6/1	0	0	601	255	2	0	0	0.00	3.30	0
16520011+	20850444	11.01	16 1-	2 ACSR 6/1	0	0	635	260	59	4	2	0.01	3.30	0
16520012+	16520011	11.05	15 1-	2 ACSR 6/1	0	0	632	260	57	3	2	0.00	3.30	0
16520021+	16520012	11.10	10 1-	2 ACSR 6/1	0	0	630	259	32	2	1	0.00	3.30	0
16520022+	16520021	11.17	9 1-	2 ACSR 6/1	0	0	626	259	29	1	1	0.00	3.30	0
16520023+	16520022	11.20	8 1-	2 ACSR 6/1	0	0	624	258	26	1	1	0.00	3.31	0
16520024+	16520023	11.40	3 1-	2 ACSR 6/1	0	0	613	256	13	0	0	0.00	3.31	0
16520025+	16520024	11.81	2 1-	2 ACSR 6/1	0	0	591	253	12	0	0	0.00	3.31	0
20850442+	16520025	11.84	1 1-	2 ACSR 6/1	0	0	589	253	11	0	0	0.00	3.31	0
16520009+	16520023	11.49	5 1-	2 ACSR 6/1	0	0	608	256	14	0	1	0.00	3.31	0
16520026+	16520009	11.52	1 1-	2 ACSR 6/1	0	0	606	255	3	0	0	0.00	3.31	0
16520015+	16520009	11.52	4 1-	2 ACSR 6/1	0	0	606	255	11	0	0	0.00	3.31	0
16520029+	16520015	11.84	1 1-	2 ACSR 6/1	0	0	589	253	1	0	0	0.00	3.31	0
16520030+	16520029	11.85	0 1-	2 ACSR 6/1	0	0	589	252	0	0	0	0.00	3.31	0
16-52-P032-B+	16520030	11.85	0 1-	Open	0	0	589	252	0	0	0	0.00	3.31	0
16520028+	16520015	11.58	1 1-	2 ACSR 6/1	0	0	603	255	7	0	0	0.00	3.31	0
16520016+	16520015	11.61	2 1-	2 ACSR 6/1	0	0	601	255	3	0	0	0.00	3.31	0
16520027+	16520016	11.67	1 1-	2 ACSR 6/1	0	0	598	254	3	0	0	0.00	3.31	0
16520010+	16520016	11.65	1 1-	2 ACSR 6/1	0	0	599	254	0	0	0	0.00	3.31	0
16520013+	16520010	11.71	1 1-	2 ACSR 6/1	0	0	596	254	0	0	0	0.00	3.31	0
16520014+	16520013	11.91	1 1-	2 ACSR 6/1	0	0	586	252	0	0	0	0.00	3.31	0
16520017+	16520010	11.71	0 1-	2 ACSR 6/1	0	0	596	254	0	0	0	0.00	3.31	0
16520018+	16520012	11.08	5 1-	2 ACSR 6/1	0	0	630	259	25	1	1	0.00	3.30	0
16520019+	16520018	11.10	4 1-	2 ACSR 6/1	0	0	629	259	21	1	1	0.00	3.30	0
16520020+	16520019	11.19	2 1-	2 ACSR 6/1	0	0	624	258	10	0	0	0.00	3.30	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16420010+	16520020	11.26	1 1-	2 ACSR 6/1	0	0	620	258	7	0	0	0.00	3.30	0
20850441+	16520020	11.28	1 1-	2 ACSR 6/1	0	0	619	257	4	0	0	0.00	3.30	0
16420007+	20850419	10.75	0 1-	2 ACSR 6/1	0	0	651	262	0	0	0	0.00	3.26	0
20850376+	20850418	10.77	1 1-	2 ACSR 6/1	0	0	649	262	2	0	0	0.00	3.24	0
20850375+	20850418	10.34	2 1-	2 ACSR 6/1	0	0	677	266	4	0	0	0.00	3.24	0
15490011+	15490012	9.97	0 1-	2 ACSR 6/1	0	0	703	270	0	0	0	0.00	3.21	0
15490015+	15490012	10.15	0 1-	2 ACSR 6/1	0	0	689	268	0	0	0	0.00	3.21	0
15490016+	15490015	10.84	0 1-	2 ACSR 6/1	0	0	645	262	0	0	0	0.00	3.21	0
20851613+	20851612	9.51	2 1-	2 ACSR 6/1	0	0	737	274	3	0	0	0.00	3.17	0
20851574+	20851575	9.97	6 1-	2 ACSR 6/1	0	0	702	270	8	0	0	0.00	3.16	0
20850771+	20851574	10.07	4 1-	2 ACSR 6/1	0	0	695	269	6	0	0	0.00	3.17	0
20850572+	20850771	10.13	2 1-	2 ACSR 6/1	0	0	691	268	4	0	0	0.00	3.17	0
20851370+	15590008	8.80	1 1-	2 ACSR 6/1	0	0	797	281	4	0	0	0.00	3.09	0
15590007+	15590005	8.18	1 1-	2 ACSR 6/1	0	0	858	288	6	0	0	0.00	3.02	0
15590017+	15590006	7.85	5 1-	2 ACSR 6/1	0	0	895	292	20	1	1	0.00	2.97	0
15590018+	15590017	7.90	2 1-	2 ACSR 6/1	0	0	889	291	9	0	0	0.00	2.98	0
15590019+	15590018	7.92	1 1-	2 ACSR 6/1	0	0	887	291	8	0	0	0.00	2.98	0
15590015+	15690039	7.74	1 1-	2 ACSR 6/1	0	0	908	293	2	0	0	0.00	2.95	0
20851795+	15690022	7.58	1 1-	2 ACSR 6/1	0	0	928	295	12	0	0	0.00	2.91	0
20851751+	20851521	4.30	3 1-	2 ACSR 6/1	0	0	1456	325	6	0	0	0.00	2.18	0
20851922+	20851751	4.34	3 1-	2 ACSR 6/1	0	0	1444	324	6	0	0	0.00	2.18	0
16720064+	16720031	4.07	0 1-	2 ACSR 6/1	0	0	1514	327	0	0	0	0.00	2.09	0
20851337+	20851921	4.07	1 1-	2 ACSR 6/1	0	0	1511	327	2	0	0	0.00	2.08	0
16830034+	16830019	3.42	391 3-	1/0 ACSR 6/1	1998	1857	1708	333	1603	36	16	0.01	1.54	22
16830024+	16830034	3.68	391 3-	1/0 ACSR 6/1	1920	1778	1627	331	1603	36	16	0.06	1.62	101
16830023+	16830024	3.81	387 3-	1/0 ACSR 6/1	1880	1738	1587	329	1595	36	16	0.03	1.66	54
16830031+	16830023	3.89	19 3-	2 ACSR 6/1	1851	1709	1559	328	198	4	3	0.01	1.67	0
16830032+	16830031	3.96	19 3-	2 ACSR 6/1	1828	1686	1536	327	198	4	3	0.00	1.67	0
D16-83-P060+	16830032	3.96	19 3-	REC-35-E	1828	1686	1536	327	198	4	13	0.00	1.67	0
16830016+	D16-83-P060	4.33	19 3-	2 ACSR 6/1	1711	1569	1424	322	198	4	3	0.02	1.69	4
16830028+	16830016	4.62	17 3-	2 ACSR 6/1	1627	1485	1346	319	194	4	3	0.02	1.71	3
16840033+	16830028	4.78	2 1-	2 ACSR 6/1	0	0	1304	317	1	0	0	0.00	2.00	0
16840031+	16830028	4.74	15 3-	2 ACSR 6/1	1595	1453	1315	317	193	4	3	0.01	1.72	1
16840026+	16840031	4.80	14 3-	2 ACSR 6/1	1577	1436	1299	316	191	4	3	0.00	1.72	0
16840028+	16840026	4.87	13 3-	2 ACSR 6/1	1559	1419	1283	315	114	2	1	0.00	1.72	0
16840029+	16840028	5.00	12 3-	2 ACSR 6/1	1527	1387	1253	314	111	2	1	0.00	1.73	0
D16-84-P012+	16840029	5.00	6 1-	FUS	0	0	1253	314	27	1	42	0.00	1.73	0
16840025+	D16-84-P012	5.10	6 1-	2 ACSR 6/1	0	0	1232	313	27	1	1	0.00	1.73	0
20851929+	16840025	5.17	1 1-	2 ACSR 6/1	0	0	1217	312	3	0	0	0.00	1.73	0
20851930+	16840025	5.27	4 1-	2 ACSR 6/1	0	0	1195	310	23	1	1	0.00	1.73	0
20852107+	20851930	5.32	2 1-	2 ACSR 6/1	0	0	1186	310	7	0	0	0.00	1.73	0
16840037+	20852107	5.45	1 1-	2 ACSR 6/1	0	0	1159	308	5	0	0	0.00	1.73	0
20851924+	20851930	5.33	1 1-	2 ACSR 6/1	0	0	1184	310	7	0	0	0.00	1.73	0
16840032+	16840029	5.06	3 1-	2 ACSR 6/1	0	0	1240	313	6	0	0	0.00	2.02	0
16840038+	16840032	5.13	1 1-	2 ACSR 6/1	0	0	1225	312	0	0	0	0.00	2.02	0
16840030+	16840029	5.68	2 3-	2 ACSR 6/1	1514	1374	1242	313	77	1	1	0.00	1.73	0
D16-84-P047+	16840030	5.06	1 3-	FUS	1514	1374	1242	313	2	0	1	0.00	1.73	0
20851925+	D16-84-P047	5.29	1 3-	2 ACSR 6/1	1460	1321	1192	310	2	0	0	0.00	1.73	0
20852118+	20851925	5.54	1 1-	2 ACSR 6/1	0	0	1142	307	2	0	0	0.00	1.73	0
16840036+	20852118	5.59	0 1-	2 ACSR 6/1	0	0	1134	307	0	0	0	0.00	1.73	0
16840035+	20852118	5.61	1 1-	2 ACSR 6/1	0	0	1130	306	2	0	0	0.00	1.73	0
20851927+	16840035	5.69	1 1-	2 ACSR 6/1	0	0	1116	305	2	0	0	0.00	1.73	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851926+	20851925	5.33	0 3-	2 ACSR 6/1	1449	1311	1183	310	0	0	0	0.00	1.73	0
16840015+	16840026	4.91	1 3-	2 ACSR 6/1	1549	1409	1274	315	77	1	1	0.00	1.72	0
16840039+	16840015	5.22	1 3-	2 ACSR 6/1	1475	1336	1206	311	77	1	1	0.00	1.73	0
16840040+	16840039	5.30	0 3-	2 ACSR 6/1	1457	1318	1190	310	0	0	0	0.00	1.73	0
16840041+	16840015	5.01	0 3-	2 ACSR 6/1	1526	1386	1252	314	0	0	0	0.00	1.72	0
16840042+	16840041	5.06	0 3-	2 ACSR 6/1	1513	1373	1240	313	0	0	0	0.00	1.72	0
16840027+	16840042	5.07	0 3-	2 ACSR 6/1	1509	1370	1237	313	0	0	0	0.00	1.72	0
16830027+	16830016	4.42	2 1-	2 ACSR 6/1	0	0	1398	321	3	0	0	0.00	1.98	0
20851995+	16830027	4.61	1 1-	2 ACSR 6/1	0	0	1347	319	3	0	0	0.00	1.98	0
20851808+	16830027	4.95	1 1-	2 ACSR 6/1	0	0	1266	314	0	0	0	0.00	1.98	0
16830025+	16830023	3.95	368 3-	1/0 ACSR 6/1	1842	1700	1549	328	1396	31	14	0.02	1.70	42
20851806+	16830025	4.00	366 3-	1/0 ACSR 6/1	1825	1684	1533	327	1395	31	14	0.01	1.71	18
20851805+	20851806	4.06	1 1-	2 ACSR 6/1	0	0	1515	327	3	0	0	0.00	1.98	0
20851807+	20851806	4.11	364 3-	1/0 ACSR 6/1	1797	1655	1504	326	1388	31	14	0.02	1.74	33
20851673+	20851807	4.30	362 3-	1/0 ACSR 6/1	1749	1608	1458	325	1383	31	14	0.03	1.79	55
20851674+	20851673	4.43	362 3-	1/0 ACSR 6/1	1715	1575	1424	323	1382	31	14	0.02	1.83	41
20851675+	20851674	4.49	361 3-	1/0 ACSR 6/1	1702	1562	1412	323	1376	31	14	0.01	1.84	16
20851676+	20851675	4.63	359 3-	1/0 ACSR 6/1	1669	1530	1380	322	1372	31	14	0.02	1.88	42
20851677+	20851676	4.69	359 3-	1/0 ACSR 6/1	1655	1516	1366	321	1372	31	14	0.01	1.90	19
D16-73-P021+	20851677	4.69	1 1-	FUS-30	0	0	1366	321	6	0	2	0.00	1.61	0
16730012+	D16-73-P021	4.77	1 1-	2 ACSR 6/1	0	0	1345	320	6	0	0	0.00	1.61	0
16730004+	20851677	4.73	358 3-	1/0 ACSR 6/1	1646	1507	1358	321	1365	31	14	0.01	1.91	12
20852055+	16730004	4.89	356 3-	1/0 ACSR 6/1	1612	1473	1325	319	1352	30	13	0.03	1.95	45
20852056+	20852055	5.18	354 3-	1/0 ACSR 6/1	1551	1415	1268	317	1342	30	13	0.05	2.02	84
D16-74-P005+	20852056	5.18	4 1-	FUS	0	0	1268	317	21	1	33	0.00	1.72	0
16740009+	D16-74-P005	5.25	4 1-	2 ACSR 6/1	0	0	1252	316	21	1	1	0.00	1.73	0
20852057+	16740009	5.30	0 1-	2 ACSR 6/1	0	0	1241	315	0	0	0	0.00	1.73	0
16740005+	16740009	5.33	4 1-	2 ACSR 6/1	0	0	1235	315	21	1	1	0.00	1.73	0
20850046+	16740005	5.36	2 1-	2 ACSR 6/1	0	0	1228	314	14	0	1	0.00	1.73	0
20850026+	20850046	5.43	1 1-	2 ACSR 6/1	0	0	1214	314	5	0	0	0.00	1.73	0
20852058+	16740005	5.49	2 1-	2 ACSR 6/1	0	0	1202	313	8	0	0	0.00	1.73	0
16740010+	20852058	5.58	1 1-	2 ACSR 6/1	0	0	1183	312	7	0	0	0.00	1.73	0
16740007+	20852056	5.23	350 3-	1/0 ACSR 6/1	1541	1405	1259	316	1320	30	13	0.01	2.04	14
16-74-P040-B+	16740007	5.23	350 3-	Closed	1541	1405	1259	316	1319	30	0	0.00	2.04	0
16-74-P040-A+	16-74-P040-B	5.23	350 3-	Closed	1541	1405	1259	316	1319	30	0	0.00	2.04	0
16740006+	16-74-P040-A	5.63	350 3-	1/0 ACSR 6/1	1466	1332	1189	313	1319	30	13	0.07	2.14	111
20852024+	16740006	5.81	349 3-	1/0 ACSR 6/1	1434	1302	1160	311	1317	30	13	0.03	2.19	50
D16-64-P011+	20852024	5.81	4 1-	FUS-30	0	0	1160	311	12	0	3	0.00	1.86	0
16640040+	D16-64-P011	5.83	4 1-	2 ACSR 6/1	0	0	1155	311	12	0	0	0.00	1.86	0
20852026+	16640040	5.86	3 1-	2 ACSR 6/1	0	0	1151	310	9	0	0	0.00	1.86	0
20851978+	20852026	5.97	2 1-	2 ACSR 6/1	0	0	1131	309	6	0	0	0.00	1.86	0
20852027+	20852026	5.91	1 1-	2 ACSR 6/1	0	0	1142	310	3	0	0	0.00	1.86	0
20852028+	20852027	5.95	0 1-	2 ACSR 6/1	0	0	1135	309	0	0	0	0.00	1.86	0
20851979+	20852024	5.89	344 3-	1/0 ACSR 6/1	1421	1289	1148	310	1300	29	13	0.01	2.21	21
20851980+	20851979	5.97	344 3-	1/0 ACSR 6/1	1408	1277	1136	310	1300	29	13	0.01	2.23	21
20851959+	20851980	6.00	1 1-	2 ACSR 6/1	0	0	1129	309	2	0	0	0.00	2.33	0
16640027+	20851980	6.05	343 3-	1/0 ACSR 6/1	1395	1264	1124	309	1298	29	13	0.01	2.25	21
20852064+	16640027	6.09	1 1-	2 ACSR 6/1	0	0	1117	308	3	0	0	0.00	2.34	0
16640028+	16640027	6.13	342 3-	1/0 ACSR 6/1	1381	1251	1111	308	1296	29	13	0.02	2.27	24
D16-64-P018+	16640028	6.13	2 1-	FUS	0	0	1111	308	9	0	14	0.00	2.36	0
16640029+	D16-64-P018	6.54	2 1-	2 ACSR 6/1	0	0	1044	303	9	0	0	0.00	2.36	0
20850956+	16640029	6.71	1 1-	2 ACSR 6/1	0	0	1018	301	4	0	0	0.00	2.36	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850027+	16640029	6.61	1 1-	2 ACSR 6/1	0	0	1033	302	5	0	0	0.00	2.36	0
16640042+	16640028	6.17	340 3-	1/0 ACSR 6/1	1376	1246	1107	308	1287	29	13	0.01	2.28	9
16640043+	16640042	6.20	339 3-	1/0 ACSR 6/1	1370	1240	1101	308	1283	29	13	0.01	2.29	10
20850957+	16640043	6.28	337 3-	1/0 ACSR 6/1	1358	1229	1091	307	1281	29	13	0.01	2.31	21
D16-64-P024+	20850957	6.28	0 1-	FUS-20	0	0	1091	307	0	0	0	0.00	2.38	0
16640038+	D16-64-P024	6.45	0 1-	2 ACSR 6/1	0	0	1063	305	0	0	0	0.00	2.38	0
16640041+	16640038	6.50	0 1-	2 ACSR 6/1	0	0	1054	304	0	0	0	0.00	2.38	0
20850959+	20850957	6.39	335 3-	1/0 ACSR 6/1	1342	1213	1076	306	1274	29	13	0.02	2.33	28
20850960+	20850959	6.48	257 3-	1/0 ACSR 6/1	1328	1201	1064	305	887	20	9	0.00	2.35	13
20851569+	20850960	6.57	255 3-	1/0 ACSR 6/1	1315	1188	1052	305	881	20	9	0.00	2.36	13
20851570+	20851569	6.61	254 3-	1/0 ACSR 6/1	1309	1182	1047	304	879	19	9	0.00	2.37	6
D16-64-P077+	20851570	6.61	252 3-	REC-70-E	1309	1182	1047	304	866	19	28	0.00	2.37	0
16640031+	D16-64-P077	6.63	252 3-	1/0 ACSR 6/1	1306	1180	1044	304	866	19	9	0.00	2.37	3
D16-64-P078+	16640031	6.63	11 1-	FUS-30	0	0	1044	304	50	3	12	0.00	2.40	0
16640039+	D16-64-P078	6.68	11 1-	2 ACSR 6/1	0	0	1036	303	50	3	2	0.00	2.41	0
20851581+	16640039	6.74	9 1-	2 ACSR 6/1	0	0	1028	303	44	2	2	0.00	2.41	0
16640036+	20851581	6.79	1 1-	2 ACSR 6/1	0	0	1020	302	3	0	0	0.00	2.41	0
16640037+	16640036	6.82	0 1-	2 ACSR 6/1	0	0	1015	302	0	0	0	0.00	2.41	0
20851583+	20851581	6.77	6 1-	2 ACSR 6/1	0	0	1023	302	27	1	1	0.00	2.41	0
20851579+	20851583	6.81	5 1-	2 ACSR 6/1	0	0	1018	302	18	1	1	0.00	2.41	0
20851580+	20851579	6.86	4 1-	2 ACSR 6/1	0	0	1010	301	12	0	0	0.00	2.41	0
16540039+	20851580	6.94	2 1-	2 ACSR 6/1	0	0	999	300	8	0	0	0.00	2.41	0
16540064+	16540039	6.98	0 1-	2 ACSR 6/1	0	0	992	300	0	0	0	0.00	2.41	0
20851582+	20851581	6.76	1 1-	2 ACSR 6/1	0	0	1024	302	8	0	0	0.00	2.41	0
16640026+	16640031	7.10	241 3-	1/0 ACSR 6/1	1242	1119	988	300	816	18	8	-0.01	2.45	69
D16-54-P015+	16640026	7.10	77 1-	REC-50-E	0	0	988	300	268	18	37	0.00	2.85	0
16540024+	D16-54-P015	7.24	77 1-	2 ACSR 6/1	0	0	969	298	268	18	10	0.04	2.89	8
16540068+	16540024	7.31	1 1-	2 ACSR 6/1	0	0	959	298	4	0	0	0.00	2.89	0
16540067+	16540024	7.30	76 1-	2 ACSR 6/1	0	0	960	298	265	18	10	0.02	2.90	4
16540026+	16540067	7.37	74 1-	2 ACSR 6/1	0	0	951	297	261	17	10	0.02	2.92	4
16540027+	16540026	7.44	74 1-	2 ACSR 6/1	0	0	942	296	261	17	10	0.02	2.94	4
16540028+	16540027	7.49	2 1-	2 ACSR 6/1	0	0	936	296	12	0	0	0.00	2.94	0
16540031+	16540027	7.49	72 1-	2 ACSR 6/1	0	0	936	295	249	16	9	0.01	2.95	3
16540032+	16540031	7.58	71 1-	2 ACSR 6/1	0	0	925	294	247	16	9	0.02	2.98	4
16540061+	16540032	7.65	69 1-	2 ACSR 6/1	0	0	916	294	236	16	9	0.02	2.99	3
16540062+	16540061	7.76	67 1-	2 ACSR 6/1	0	0	904	292	233	15	9	0.03	3.02	5
16540033+	16540062	7.86	63 1-	2 ACSR 6/1	0	0	892	291	222	15	8	0.02	3.04	4
16540034+	16540033	7.94	62 1-	2 ACSR 6/1	0	0	883	290	219	14	8	0.02	3.06	3
16540035+	16540034	8.05	61 1-	2 ACSR 6/1	0	0	871	289	217	14	8	0.02	3.08	4
16540044+	16540035	8.11	4 1-	2 ACSR 6/1	0	0	865	289	11	0	0	0.00	3.08	0
20852098+	16540044	8.15	3 1-	2 ACSR 6/1	0	0	860	288	7	0	0	0.00	3.08	0
16640046+	20852098	8.20	1 1-	2 ACSR 6/1	0	0	855	288	0	0	0	0.00	3.08	0
16640045+	20852098	8.18	2 1-	2 ACSR 6/1	0	0	857	288	7	0	0	0.00	3.08	0
16540037+	16540035	8.11	51 1-	2 ACSR 6/1	0	0	865	289	174	11	7	0.01	3.09	1
16540038+	16540037	8.17	49 1-	2 ACSR 6/1	0	0	858	288	164	11	6	0.01	3.10	1
16540023+	16540038	8.20	47 1-	2 ACSR 6/1	0	0	854	288	147	10	6	0.01	3.11	0
16530043+	16540023	8.25	41 1-	2 ACSR 6/1	0	0	849	287	127	8	5	0.01	3.12	0
16530033+	16530043	8.28	40 1-	2 ACSR 6/1	0	0	846	287	124	8	5	0.00	3.12	0
16530031+	16530033	8.53	39 1-	2 ACSR 6/1	0	0	821	284	116	7	4	0.03	3.15	3
D16-53-P018+	16530031	8.53	3 1-	FUS-20	0	0	821	284	8	0	3	0.00	3.15	0
16530051+	D16-53-P018	8.70	3 1-	2 ACSR 6/1	0	0	805	282	8	0	0	0.00	3.15	0
20851180+	16530051	9.09	1 1-	2 ACSR 6/1	0	0	770	278	1	0	0	0.00	3.15	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851179+	16530051	8.88	2 1-	2 ACSR 6/1	0	0	788	280	7	0	0	0.00	3.15	0
16530032+	16530031	8.72	36 1-	2 ACSR 6/1	0	0	803	282	108	7	4	0.02	3.17	2
16530005+	16530032	8.75	35 1-	2 ACSR 6/1	0	0	800	282	106	7	4	0.00	3.17	0
D16-53-P078+	16530054	8.75	33 1-	REC-25-E	0	0	800	282	101	6	28	0.00	3.17	0
16530005+	D16-53-P078	8.84	33 1-	2 ACSR 6/1	0	0	792	281	101	6	4	0.01	3.18	0
16530022+	16530053	8.89	32 1-	2 ACSR 6/1	0	0	788	280	94	6	4	0.00	3.19	0
16530023+	16530022	9.03	31 1-	2 ACSR 6/1	0	0	775	279	93	6	4	0.01	3.20	0
16530024+	16530023	9.09	4 1-	2 ACSR 6/1	0	0	770	278	14	0	1	0.00	3.20	0
16530025+	16530024	9.17	2 1-	2 ACSR 6/1	0	0	763	277	6	0	0	0.00	3.20	0
16530027+	16530025	9.39	1 1-	2 ACSR 6/1	0	0	745	275	2	0	0	0.00	3.20	0
16530028+	16530027	9.46	0 1-	2 ACSR 6/1	0	0	740	274	0	0	0	0.00	3.20	0
16530026+	16530025	9.22	1 1-	2 ACSR 6/1	0	0	759	277	4	0	0	0.00	3.20	0
16530018+	16530023	9.11	27 1-	2 ACSR 6/1	0	0	769	278	79	5	3	0.01	3.21	0
16530019+	16530018	9.14	2 1-	2 ACSR 6/1	0	0	766	278	4	0	0	0.00	3.21	0
16530041+	16530019	9.19	2 1-	25 KV 1/0 URD X	0	0	763	489	4	0	0	0.00	3.21	0
16530042+	16530041	9.26	2 1-	25 KV 1/0 URD X	0	0	758	487	4	0	0	0.00	3.21	0
16530036+	16530042	9.35	1 1-	25 KV 1/0 URD X	0	0	753	484	1	0	0	0.00	3.21	0
16530020+	16530018	9.56	25 1-	2 ACSR 6/1	0	0	732	273	76	5	3	0.04	3.24	2
16530030+	16530020	9.63	19 1-	2 ACSR 6/1	0	0	726	273	58	3	2	0.00	3.24	0
16530035+	16530030	9.72	14 1-	2 ACSR 6/1	0	0	720	272	50	3	2	0.00	3.25	0
16530039+	16530035	9.77	9 1-	2 ACSR 6/1	0	0	716	271	38	2	1	0.00	3.25	0
16530055+	16530039	9.81	2 1-	2 ACSR 6/1	0	0	713	271	4	0	0	0.00	3.25	0
16530057+	16530055	9.85	1 1-	2 ACSR 6/1	0	0	710	271	2	0	0	0.00	3.25	0
16530056+	16530055	9.89	1 1-	2 ACSR 6/1	0	0	707	270	2	0	0	0.00	3.25	0
16530040+	16530039	9.79	7 1-	2 ACSR 6/1	0	0	714	271	34	2	1	0.00	3.25	0
16530044+	16530040	9.91	6 1-	2 ACSR 6/1	0	0	705	270	33	2	1	0.00	3.26	0
16540047+	16530044	10.04	5 1-	2 ACSR 6/1	0	0	696	269	33	2	1	0.00	3.26	0
16540048+	16540047	10.10	1 1-	2 ACSR 6/1	0	0	692	268	9	0	0	0.00	3.26	0
16540049+	16540047	10.08	2 1-	2 ACSR 6/1	0	0	693	268	12	0	0	0.00	3.26	0
16540045+	16540049	10.14	1 1-	2 ACSR 6/1	0	0	689	268	1	0	0	0.00	3.26	0
16530034+	16530035	10.04	4 1-	2 ACSR 6/1	0	0	696	269	8	0	0	0.00	3.25	0
20850680+	16530034	10.10	3 1-	2 ACSR 6/1	0	0	692	268	8	0	0	0.00	3.25	0
20850681+	20850680	10.33	1 1-	2 ACSR 6/1	0	0	676	266	2	0	0	0.00	3.25	0
16530021+	16530020	9.68	6 1-	2 ACSR 6/1	0	0	723	272	17	1	1	0.00	3.24	0
16530029+	16530021	9.77	0 1-	2 ACSR 6/1	0	0	716	271	0	0	0	0.00	3.24	0
20850674+	16530021	9.83	6 1-	2 ACSR 6/1	0	0	711	271	17	1	1	0.00	3.25	0
16430007+	20850674	10.11	5 1-	2 ACSR 6/1	0	0	691	268	13	0	1	0.00	3.25	0
16430008+	16430007	10.17	4 1-	2 ACSR 6/1	0	0	687	268	8	0	0	0.00	3.25	0
20850676+	16430008	10.32	4 1-	2 ACSR 6/1	0	0	677	266	8	0	0	0.00	3.25	0
20850677+	20850676	10.46	3 1-	2 ACSR 6/1	0	0	668	265	6	0	0	0.00	3.25	0
20850679+	20850677	10.52	2 1-	2 ACSR 6/1	0	0	664	264	3	0	0	0.00	3.25	0
20850678+	20850677	10.51	1 1-	2 ACSR 6/1	0	0	664	264	3	0	0	0.00	3.25	0
20850675+	16430008	10.36	0 1-	2 ACSR 6/1	0	0	675	266	0	0	0	0.00	3.25	0
16530052+	16530054	8.84	1 1-	2 ACSR 6/1	0	0	792	281	1	0	0	0.00	3.17	0
16530037+	16540023	8.31	3 1-	2 ACSR 6/1	0	0	844	286	15	1	1	0.00	3.11	0
16530038+	16530037	8.35	2 1-	2 ACSR 6/1	0	0	839	286	13	0	0	0.00	3.11	0
16530045+	16540023	8.23	2 1-	2 ACSR 6/1	0	0	851	287	3	0	0	0.00	3.11	0
16540065+	16530045	8.29	2 1-	2 ACSR 6/1	0	0	846	287	3	0	0	0.00	3.11	0
16540046+	16540038	8.21	2 1-	2 ACSR 6/1	0	0	853	287	17	1	1	0.00	3.10	0
16540060+	16540046	8.25	1 1-	2 ACSR 6/1	0	0	849	287	7	0	0	0.00	3.10	0
16540036+	16540035	8.17	4 1-	2 ACSR 6/1	0	0	858	288	27	1	1	0.00	3.09	0
16540041+	16540036	8.30	3 1-	2 ACSR 6/1	0	0	845	287	24	1	1	0.00	3.09	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
16540042+	16540041	8.35	2 1-	2 ACSR 6/1	0	0	839	286	17	1	1	0.00	3.09	0
16540043+	16540042	8.42	1 1-	2 ACSR 6/1	0	0	832	285	6	0	0	0.00	3.09	0
16540040+	16540036	8.21	1 1-	2 ACSR 6/1	0	0	854	288	3	0	0	0.00	3.09	0
16540063+	16540062	7.80	2 1-	2 ACSR 6/1	0	0	899	292	5	0	0	0.00	3.02	0
16540025+	16540067	7.40	1 1-	2 ACSR 6/1	0	0	948	297	3	0	0	0.00	2.90	0
16540029+	16640026	7.14	164 3-	1/0 ACSR 6/1	1237	1115	983	300	547	12	5	0.00	2.45	3
16540030+	16540029	7.17	164 3-	1/0 ACSR 6/1	1233	1110	979	299	547	12	5	0.00	2.45	3
16540056+	16540030	7.21	161 3-	1/0 ACSR 6/1	1228	1105	975	299	536	12	5	0.00	2.46	3
16540057+	16540056	7.24	154 3-	1/0 ACSR 6/1	1225	1103	972	299	504	11	5	0.00	2.46	2
16540055+	16540057	7.33	153 3-	1/0 ACSR 6/1	1214	1092	962	298	503	11	5	-0.01	2.47	7
16540053+	16540055	7.41	150 3-	1/0 ACSR 6/1	1203	1082	953	297	498	11	5	-0.01	2.48	7
16540054+	16540053	7.58	149 3-	1/0 ACSR 6/1	1183	1063	936	296	495	11	5	-0.01	2.49	12
16-55-P025-B+	16540054	7.58	149 3-	Closed	1183	1063	936	296	495	11	0	0.00	2.49	0
16-55-P025-A+	16-55-P025-B	7.58	149 3-	Closed	1183	1063	936	296	495	11	0	0.00	2.49	0
16550018+	16-55-P025-A	7.71	149 3-	1/0 ACSR 6/1	1168	1049	922	295	495	11	5	-0.01	2.51	10
16550019+	16550018	7.99	149 3-	1/0 ACSR 6/1	1137	1020	896	293	495	11	5	-0.02	2.53	21
16550011+	16550019	8.09	11 1-	2 ACSR 6/1	0	0	884	292	28	1	1	0.00	2.98	0
D16-55-P006+	16550011	8.09	10 1-	REC-25-E	0	0	884	292	26	1	7	0.00	2.98	0
16550008+	D16-55-P006	8.22	10 1-	2 ACSR 6/1	0	0	870	290	26	1	1	0.00	2.98	0
16550013+	16550008	8.29	2 1-	2 ACSR 6/1	0	0	863	289	6	0	0	0.00	2.98	0
16550009+	16550008	8.35	8 1-	2 ACSR 6/1	0	0	856	289	20	1	1	0.00	2.99	0
16550017+	16550009	8.59	1 1-	2 ACSR 6/1	0	0	831	286	3	0	0	0.00	2.99	0
16550007+	16550009	8.47	7 1-	2 ACSR 6/1	0	0	844	287	17	1	1	0.00	2.99	0
20850244+	16550007	8.55	4 1-	2 ACSR 6/1	0	0	835	287	5	0	0	0.00	2.99	0
20850245+	20850244	8.72	3 1-	2 ACSR 6/1	0	0	819	285	0	0	0	0.00	2.99	0
16550021+	20850245	8.77	0 1-	2 ACSR 6/1	0	0	814	284	0	0	0	0.00	2.99	0
16550020+	20850245	8.81	3 1-	2 ACSR 6/1	0	0	811	284	0	0	0	0.00	2.99	0
20850253+	16550020	9.17	1 1-	2 ACSR 6/1	0	0	777	280	0	0	0	0.00	2.99	0
20850254+	20850253	9.36	0 1-	2 ACSR 6/1	0	0	762	278	0	0	0	0.00	2.99	0
16550014+	16550007	8.77	3 1-	2 ACSR 6/1	0	0	814	284	12	0	0	0.00	2.99	0
16550016+	16550014	8.85	0 1-	2 ACSR 6/1	0	0	806	283	0	0	0	0.00	2.99	0
16550015+	16550014	8.80	1 1-	2 ACSR 6/1	0	0	811	284	7	0	0	0.00	2.99	0
16550006+	16550009	8.71	0 1-	2 ACSR 6/1	0	0	820	285	0	0	0	0.00	2.99	0
D16-55-P006A+	16550011	8.09	1 1-	REC-25-E	0	0	884	292	3	0	1	0.00	2.98	0
16550012+	D16-55-P006A	8.17	1 1-	2 ACSR 6/1	0	0	875	291	3	0	0	0.00	2.98	0
16550010+	16550019	8.23	138 3-	1/0 ACSR 6/1	1111	996	874	291	467	10	5	-0.02	2.55	17
20851231+	16550010	8.33	137 3-	1/0 ACSR 6/1	1101	987	865	290	466	10	5	-0.01	2.56	7
20851232+	20851231	8.53	136 3-	1/0 ACSR 6/1	1081	968	848	288	463	10	5	-0.02	2.58	14
D16-45-P044+	20851232	8.53	1 1-	FUS-25	0	0	848	288	10	0	3	0.00	2.42	0
16451416+	D16-45-P044	8.71	1 1-	2 ACSR 6/1	0	0	830	287	10	0	0	0.00	2.42	0
20851233+	20851232	8.60	135 3-	1/0 ACSR 6/1	1074	962	842	288	453	10	4	-0.01	2.59	5
20851234+	20851233	8.68	134 3-	1/0 ACSR 6/1	1067	954	835	287	445	10	4	-0.01	2.59	5
16451418+	20851234	8.77	9 3-	1/0 ACSR 6/1	1058	946	828	287	24	0	0	0.00	2.59	0
16451419+	16451418	8.89	9 3-	1/0 ACSR 6/1	1047	936	818	286	24	0	0	0.00	2.59	0
20851235+	16451419	8.94	7 3-	1/0 ACSR 6/1	1042	931	814	285	21	0	0	0.00	2.59	0
20851236+	20851235	9.11	5 3-	1/0 ACSR 6/1	1026	917	801	284	14	0	0	0.00	2.59	0
20852161+	20851236	9.24	5 3-	1/0 ACSR 6/1	1015	907	792	283	14	0	0	0.00	2.59	0
20852162+	20852161	9.82	3 3-	1/0 ACSR 6/1	967	862	752	279	4	0	0	0.00	2.60	0
16360045+	20852162	10.00	2 3-	1/0 ACSR 6/1	953	849	740	277	3	0	0	0.00	2.60	0
16360024+	16360045	10.14	2 3-	1/0 ACSR 6/1	942	839	731	276	3	0	0	0.00	2.60	0
16360025+	16360024	10.24	0 3-	1/0 ACSR 6/1	935	833	725	276	0	0	0	0.00	2.60	0
16360043+	16360024	10.24	2 1-	2 ACSR 6/1	0	0	723	275	3	0	0	0.00	2.45	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16360046+	16360045	10.08	0 1-	2 ACSR 6/1	0	0	733	276	0	0	0	0.00	2.45	0
16460006+	20851236	9.30	0 1-	2 ACSR 6/1	0	0	784	282	0	0	0	0.00	2.45	0
16451407+	20851234	8.78	125 3-	1/0 ACSR 6/1	1057	946	827	287	421	9	4	-0.01	2.60	7
16-45-P073-B+	16451407	8.78	125 3-	Closed	1057	946	827	287	421	9	0	0.00	2.60	0
16-45-P073-A+	16-45-P073-B	8.78	125 3-	Closed	1057	946	827	287	421	9	0	0.00	2.60	0
16451408+	16-45-P073-A	9.34	125 3-	1/0 ACSR 6/1	1006	898	784	282	421	9	4	-0.05	2.65	37
20851301+	16451408	9.37	99 3-	1/0 ACSR 6/1	1004	896	782	282	342	7	3	0.00	2.65	2
D16-45-P010+	20851301	9.37	35 1-	REC-35-E	0	0	782	282	134	9	27	0.00	2.61	0
16451420+	D16-45-P010	9.62	35 1-	2 ACSR 6/1	0	0	761	279	134	9	5	0.04	2.65	4
16350007+	16451420	9.93	35 1-	2 ACSR 6/1	0	0	736	276	134	9	5	0.04	2.69	5
163500043+	16350074	10.09	1 1-	2 ACSR 6/1	0	0	724	275	3	0	0	0.00	2.69	0
163500042+	16350074	10.08	33 1-	2 ACSR 6/1	0	0	724	275	129	8	5	0.02	2.71	2
163500072+	16350042	10.14	4 1-	2 ACSR 6/1	0	0	720	274	12	0	0	0.00	2.71	0
163500073+	16350072	10.20	3 1-	2 ACSR 6/1	0	0	716	274	12	0	0	0.00	2.71	0
163500044+	16350073	10.32	1 1-	2 ACSR 6/1	0	0	707	272	5	0	0	0.00	2.71	0
163500061+	16350073	10.29	1 1-	2 ACSR 6/1	0	0	709	273	4	0	0	0.00	2.71	0
163500069+	16350042	10.18	29 1-	2 ACSR 6/1	0	0	717	274	117	8	4	0.01	2.72	1
163500071+	16350069	10.26	1 1-	2 ACSR 6/1	0	0	711	273	0	0	0	0.00	2.72	0
163500070+	16350069	10.28	28 1-	2 ACSR 6/1	0	0	710	273	116	8	4	0.01	2.74	1
163500026+	16350070	10.37	23 1-	2 ACSR 6/1	0	0	703	272	101	7	4	0.01	2.75	0
163500051+	16350026	10.47	22 1-	2 ACSR 6/1	0	0	697	271	98	6	4	0.01	2.76	0
163500036+	16350051	10.53	21 1-	2 ACSR 6/1	0	0	692	270	60	4	2	0.00	2.76	0
20850241+	16350036	10.60	20 1-	2 ACSR 6/1	0	0	688	270	48	3	2	0.00	2.76	0
208501129+	20850241	10.86	19 1-	2 ACSR 6/1	0	0	670	267	47	3	2	0.01	2.78	0
20850338+	20850129	10.95	18 1-	2 ACSR 6/1	0	0	664	266	44	3	2	0.00	2.78	0
20850339+	20850338	11.03	16 1-	2 ACSR 6/1	0	0	659	265	37	2	1	0.00	2.78	0
20850340+	20850339	11.04	15 1-	2 ACSR 6/1	0	0	658	265	34	2	1	0.00	2.78	0
20850341+	20850340	11.12	1 1-	2 ACSR 6/1	0	0	653	265	2	0	0	0.00	2.78	0
20850342+	20850340	11.12	13 1-	2 ACSR 6/1	0	0	653	265	30	2	1	0.00	2.79	0
20850343+	20850342	11.16	12 1-	2 ACSR 6/1	0	0	651	264	28	1	1	0.00	2.79	0
20850513+	20850343	11.25	11 1-	2 ACSR 6/1	0	0	646	263	26	1	1	0.00	2.79	0
20850514+	20850513	11.33	10 1-	2 ACSR 6/1	0	0	641	263	23	1	1	0.00	2.79	0
20850346+	20850514	11.40	7 1-	2 ACSR 6/1	0	0	637	262	15	1	1	0.00	2.79	0
20852061+	20850346	11.48	6 1-	2 ACSR 6/1	0	0	632	261	13	0	0	0.00	2.79	0
D16-15-P027+	20852061	11.48	1 1-	FUS-60	0	0	632	261	2	0	0	0.00	2.79	0
16150006+	D16-15-P027	11.51	1 1-	2 ACSR 6/1	0	0	630	261	2	0	0	0.00	2.79	0
16150010+	16150006	11.62	1 1-	2 ACSR 6/1	0	0	624	260	2	0	0	0.00	2.79	0
16150005+	16150006	11.58	0 1-	2 ACSR 6/1	0	0	626	260	0	0	0	0.00	2.79	0
D16-15-P027A+	20852061	11.48	5 1-	FUS-60	0	0	632	261	11	0	1	0.00	2.79	0
16150007+	D16-15-P027A	11.63	5 1-	2 ACSR 6/1	0	0	624	260	11	0	0	0.00	2.79	0
16150008+	16150007	11.73	4 1-	2 ACSR 6/1	0	0	617	259	8	0	0	0.00	2.79	0
16150009+	16150008	11.79	3 1-	2 ACSR 6/1	0	0	615	258	7	0	0	0.00	2.79	0
20850207+	16150009	11.93	1 1-	2 ACSR 6/1	0	0	607	257	2	0	0	0.00	2.79	0
20850206+	16150009	11.82	1 1-	2 ACSR 6/1	0	0	613	258	4	0	0	0.00	2.79	0
20850344+	20850514	11.36	3 1-	2 ACSR 6/1	0	0	639	262	8	0	0	0.00	2.79	0
20850345+	20850344	11.42	1 1-	2 ACSR 6/1	0	0	636	262	3	0	0	0.00	2.79	0
20850240+	16350036	10.58	1 1-	2 ACSR 6/1	0	0	689	270	12	0	0	0.00	2.76	0
163500050+	16350026	10.44	1 1-	2 ACSR 6/1	0	0	698	271	3	0	0	0.00	2.75	0
163500045+	16350070	10.47	5 1-	2 ACSR 6/1	0	0	696	271	15	1	1	0.00	2.74	0
163500046+	16350045	10.55	4 1-	2 ACSR 6/1	0	0	690	270	14	0	1	0.00	2.74	0
163500048+	16350046	10.58	2 1-	2 ACSR 6/1	0	0	689	270	8	0	0	0.00	2.74	0
163500049+	16350048	10.63	1 1-	2 ACSR 6/1	0	0	685	269	6	0	0	0.00	2.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16350047+	16350046	10.60	1 1-	2 ACSR 6/1	0	0	688	270	3	0	0	0.00	2.74	0
20851302+	20851301	9.40	59 1-	2 ACSR 6/1	0	0	780	282	202	13	8	0.00	2.61	0
20851238+	20851302	9.53	58 1-	2 ACSR 6/1	0	0	769	280	199	13	8	0.03	2.64	4
20851424+	20851238	9.57	53 1-	2 ACSR 6/1	0	0	765	280	193	13	7	0.01	2.65	1
D16-45-P054+	20851424	9.57	53 1-	RCC-25-E	0	0	765	280	193	13	53	0.00	2.65	0
20851425+	D16-45-P054	9.82	53 1-	2 ACSR 6/1	0	0	745	277	193	13	7	0.05	2.70	7
20851426+	20851425	9.88	52 1-	2 ACSR 6/1	0	0	740	277	192	13	7	0.01	2.71	2
16451406+	20851426	9.97	45 1-	2 ACSR 6/1	0	0	733	276	164	11	6	0.02	2.73	2
16350038+	16451406	10.09	44 1-	2 ACSR 6/1	0	0	724	275	157	10	6	0.02	2.75	2
16350039+	16350038	10.18	43 1-	2 ACSR 6/1	0	0	717	274	156	10	6	0.01	2.76	2
16350041+	16350039	10.26	3 1-	2 ACSR 6/1	0	0	711	273	21	1	1	0.00	2.76	0
16350062+	16350041	10.30	2 1-	2 ACSR 6/1	0	0	708	272	13	0	0	0.00	2.76	0
16350063+	16350062	10.33	1 1-	2 ACSR 6/1	0	0	706	272	6	0	0	0.00	2.76	0
16350040+	16350039	10.28	38 1-	2 ACSR 6/1	0	0	710	273	124	8	5	0.01	2.77	1
16350065+	16350040	10.36	16 1-	2 ACSR 6/1	0	0	704	272	53	3	2	0.00	2.78	0
16350068+	16350065	10.44	11 1-	2 ACSR 6/1	0	0	698	271	43	2	2	0.00	2.78	0
16350053+	16350068	10.49	7 1-	2 ACSR 6/1	0	0	695	271	26	1	1	0.00	2.78	0
16350054+	16350053	10.53	6 1-	2 ACSR 6/1	0	0	692	270	24	1	1	0.00	2.78	0
16350055+	16350054	10.58	5 1-	2 ACSR 6/1	0	0	688	270	19	1	1	0.00	2.78	0
16350057+	16350055	10.66	3 1-	2 ACSR 6/1	0	0	683	269	9	0	0	0.00	2.78	0
16350058+	16350057	10.78	1 1-	2 ACSR 6/1	0	0	675	268	3	0	0	0.00	2.78	0
16350052+	16350068	10.50	3 1-	2 ACSR 6/1	0	0	694	271	16	1	1	0.00	2.78	0
16350067+	16350065	10.42	2 1-	2 ACSR 6/1	0	0	700	271	6	0	0	0.00	2.78	0
16350066+	16350065	10.40	1 1-	2 ACSR 6/1	0	0	701	271	2	0	0	0.00	2.78	0
16350064+	16350040	10.32	1 1-	2 ACSR 6/1	0	0	707	272	7	0	0	0.00	2.77	0
16350059+	16350040	10.37	21 1-	2 ACSR 6/1	0	0	704	272	65	4	2	0.01	2.78	0
16350060+	16350059	10.50	20 1-	2 ACSR 6/1	0	0	694	271	64	4	2	0.01	2.79	0
16350027+	16350060	10.67	20 1-	2 ACSR 6/1	0	0	683	269	64	4	2	0.01	2.80	0
16340026+	16350027	10.77	18 1-	2 ACSR 6/1	0	0	676	268	55	3	2	0.01	2.81	0
16340059+	16340026	10.83	17 1-	2 ACSR 6/1	0	0	672	267	54	3	2	0.00	2.81	0
16340067+	16340059	11.03	16 1-	2 ACSR 6/1	0	0	659	265	53	3	2	0.01	2.82	0
D16-34-P073+	16340067	11.03	16 1-	RCC-25-E	0	0	659	265	53	3	14	0.00	2.82	0
16340068+	D16-34-P073	11.08	16 1-	2 ACSR 6/1	0	0	656	265	53	3	2	0.00	2.82	0
16340062+	16340068	11.14	0 1-	2 ACSR 6/1	0	0	652	264	0	0	0	0.00	2.82	0
16340048+	16340068	11.23	16 1-	2 ACSR 6/1	0	0	647	264	53	3	2	0.01	2.83	0
16340050+	16340048	11.56	14 1-	2 ACSR 6/1	0	0	627	260	46	3	2	0.02	2.85	0
16340054+	16340050	11.66	13 1-	2 ACSR 6/1	0	0	622	260	43	2	2	0.00	2.85	0
16340055+	16340054	11.79	10 1-	2 ACSR 6/1	0	0	615	258	38	2	1	0.01	2.85	0
16340056+	16340055	11.84	1 1-	2 ACSR 6/1	0	0	612	258	5	0	0	0.00	2.85	0
16340025+	16340055	11.87	9 1-	2 ACSR 6/1	0	0	610	258	32	2	1	0.00	2.86	0
16340065+	16340025	11.93	8 1-	2 ACSR 6/1	0	0	607	257	31	2	1	0.00	2.86	0
16340066+	16340065	11.97	7 1-	2 ACSR 6/1	0	0	605	257	27	1	1	0.00	2.86	0
16340043+	16340066	12.01	3 1-	2 ACSR 6/1	0	0	602	256	15	1	1	0.00	2.86	0
16340042+	16340043	12.03	2 1-	2 ACSR 6/1	0	0	601	256	8	0	0	0.00	2.86	0
16340044+	16340066	12.02	3 1-	2 ACSR 6/1	0	0	602	256	11	0	0	0.00	2.86	0
16340046+	16340044	12.05	2 1-	2 ACSR 6/1	0	0	600	256	5	0	0	0.00	2.86	0
16340047+	16340046	12.24	0 1-	2 ACSR 6/1	0	0	591	254	0	0	0	0.00	2.86	0
16340045+	16340044	12.07	0 1-	2 ACSR 6/1	0	0	599	256	0	0	0	0.00	2.86	0
16340052+	16340025	11.93	1 1-	2 ACSR 6/1	0	0	607	257	1	0	0	0.00	2.86	0
16340053+	16340054	11.78	2 1-	2 ACSR 6/1	0	0	615	258	5	0	0	0.00	2.85	0
16340061+	16340053	11.83	1 1-	2 ACSR 6/1	0	0	612	258	3	0	0	0.00	2.85	0
16340060+	16340050	11.60	1 1-	2 ACSR 6/1	0	0	625	260	3	0	0	0.00	2.85	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16340049+	16340048	11.37	1 1-	2 ACSR 6/1	0	0	638	262	0	0	0	0.00	2.83	0
16340024+	16340049	11.55	0 1-	2 ACSR 6/1	0	0	628	261	0	0	0	0.00	2.83	0
16340051+	16340049	11.43	1 1-	2 ACSR 6/1	0	0	635	262	0	0	0	0.00	2.83	0
16340058+	16340026	10.90	1 1-	2 ACSR 6/1	0	0	668	267	1	0	0	0.00	2.81	0
16340057+	16350027	10.72	2 1-	2 ACSR 6/1	0	0	679	268	9	0	0	0.00	2.80	0
16350056+	16350060	10.60	0 1-	2 ACSR 6/1	0	0	687	270	0	0	0	0.00	2.79	0
16350037+	16451406	10.02	1 1-	2 ACSR 6/1	0	0	729	275	7	0	0	0.00	2.73	0
16451413+	20851426	9.97	7 1-	2 ACSR 6/1	0	0	733	276	28	1	1	0.00	2.71	0
20850685+	16451413	10.10	6 1-	2 ACSR 6/1	0	0	723	275	26	1	1	0.00	2.72	0
20850686+	20850685	10.27	4 1-	2 ACSR 6/1	0	0	710	273	14	0	1	0.00	2.72	0
20850848+	20850686	10.42	1 1-	2 ACSR 6/1	0	0	700	271	3	0	0	0.00	2.72	0
20850647+	20850686	10.36	3 1-	2 ACSR 6/1	0	0	704	272	11	0	0	0.00	2.72	0
20850847+	20850647	10.41	1 1-	2 ACSR 6/1	0	0	701	271	5	0	0	0.00	2.72	0
20850645+	20850685	10.11	0 1-	2 ACSR 6/1	0	0	722	274	0	0	0	0.00	2.72	0
16-44-P005-A+	20850645	10.11	0 1-	Open	0	0	722	274	0	0	0	0.00	2.72	0
20850646+	16451413	10.03	1 1-	2 ACSR 6/1	0	0	729	275	2	0	0	0.00	2.71	0
20851240+	20851238	9.62	0 1-	2 ACSR 6/1	0	0	761	279	0	0	0	0.00	2.64	0
20851239+	20851238	9.56	4 1-	2 ACSR 6/1	0	0	766	280	4	0	0	0.00	2.64	0
20851237+	20851239	9.60	2 1-	2 ACSR 6/1	0	0	763	280	2	0	0	0.00	2.64	0
20851300+	20851301	9.46	2 1-	2 ACSR 6/1	0	0	774	281	2	0	0	0.00	2.61	0
16451410+	16451408	9.39	26 1-	2 ACSR 6/1	0	0	780	282	78	5	3	0.00	3.13	0
D16-45-P012+	16451410	9.39	26 1-	REC-35-E	0	0	780	282	78	5	15	0.00	3.13	0
16451409+	D16-45-P012	9.68	26 1-	2 ACSR 6/1	0	0	756	279	78	5	3	0.02	3.16	1
16451421+	16451409	9.72	2 1-	2 ACSR 6/1	0	0	752	278	5	0	0	0.00	3.16	0
16451422+	16451421	9.82	1 1-	2 ACSR 6/1	0	0	744	277	4	0	0	0.00	3.16	0
20851432+	16451409	9.75	18 1-	2 ACSR 6/1	0	0	750	278	56	3	2	0.00	3.16	0
20851433+	20851432	9.82	17 1-	2 ACSR 6/1	0	0	744	277	51	3	2	0.00	3.16	0
20851434+	20851433	9.88	16 1-	2 ACSR 6/1	0	0	740	277	48	3	2	0.00	3.17	0
20851435+	20851434	9.94	15 1-	2 ACSR 6/1	0	0	735	276	47	3	2	0.00	3.17	0
20851384+	20851435	10.06	3 1-	2 ACSR 6/1	0	0	725	275	10	0	0	0.00	3.17	0
20851408+	20851384	10.10	2 1-	2 ACSR 6/1	0	0	723	274	10	0	0	0.00	3.17	0
16451417+	20851408	10.14	1 1-	2 ACSR 6/1	0	0	720	274	1	0	0	0.00	3.17	0
20851409+	20851435	10.00	10 1-	2 ACSR 6/1	0	0	730	275	32	2	1	0.00	3.17	0
20851397+	20851409	10.04	8 1-	2 ACSR 6/1	0	0	727	275	22	1	1	0.00	3.17	0
20851595+	20851397	10.11	8 1-	2 ACSR 6/1	0	0	722	274	22	1	1	0.00	3.17	0
20851596+	20851595	10.18	0 1-	2 ACSR 6/1	0	0	717	274	0	0	0	0.00	3.17	0
16451412+	20851595	10.23	7 1-	2 ACSR 6/1	0	0	713	273	19	1	1	0.00	3.18	0
20850682+	16451412	10.31	3 1-	2 ACSR 6/1	0	0	707	272	5	0	0	0.00	3.18	0
20850683+	20850682	10.35	1 1-	2 ACSR 6/1	0	0	704	272	0	0	0	0.00	3.18	0
20850684+	20850683	10.40	0 1-	2 ACSR 6/1	0	0	701	271	0	0	0	0.00	3.18	0
16-44-P005-B+	20850684	10.40	0 1-	Open	0	0	701	271	0	0	0	0.00	3.18	0
20850850+	16451412	10.27	4 1-	2 ACSR 6/1	0	0	710	273	13	0	1	0.00	3.18	0
16451411+	20851595	10.24	1 1-	2 ACSR 6/1	0	0	712	273	4	0	0	0.00	3.17	0
20850849+	16451411	10.29	1 1-	2 ACSR 6/1	0	0	709	272	4	0	0	0.00	3.17	0
16440004+	16451411	10.42	0 1-	2 ACSR 6/1	0	0	700	271	0	0	0	0.00	3.17	0
20851427+	16451409	9.73	6 1-	2 ACSR 6/1	0	0	751	278	18	1	1	0.00	3.16	0
20851428+	20851427	9.77	4 1-	2 ACSR 6/1	0	0	748	278	9	0	0	0.00	3.16	0
20851431+	20851428	9.85	1 1-	2 ACSR 6/1	0	0	742	277	1	0	0	0.00	3.16	0
20851429+	20851428	9.84	2 1-	2 ACSR 6/1	0	0	743	277	4	0	0	0.00	3.16	0
20851430+	20851429	9.89	1 1-	2 ACSR 6/1	0	0	739	277	3	0	0	0.00	3.16	0
20851597+	16550010	8.28	1 1-	2 ACSR 6/1	0	0	868	290	0	0	0	0.00	2.35	0
16540058+	16540056	7.27	1 1-	2 ACSR 6/1	0	0	968	298	8	0	0	0.00	2.39	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16540059+	16540056	7.28	5 1-	2 ACSR 6/1	0	0	966	298	22	1	1	0.00	2.39	0
16540052+	16540059	7.35	2 1-	2 ACSR 6/1	0	0	956	297	14	0	1	0.00	2.39	0
16540050+	16540030	7.25	3 1-	2 ACSR 6/1	0	0	968	298	12	0	0	0.00	2.39	0
16540051+	16540050	7.29	2 1-	2 ACSR 6/1	0	0	963	298	10	0	0	0.00	2.39	0
20850961+	20850960	6.50	2 1-	2 ACSR 6/1	0	0	1060	305	6	0	0	0.00	2.40	0
16640030+	20850959	6.53	72 3-	1/0 ACSR 6/1	1320	1193	1056	305	377	8	4	0.02	2.34	4
D16-64-P149+	16640030	6.53	72 3-	REC-70-E	1320	1193	1056	305	377	8	13	0.00	2.34	0
20851584+	D16-64-P149	6.56	72 3-	1/0 ACSR 6/1	1316	1189	1053	305	377	8	4	0.00	2.35	0
20851571+	20851584	6.58	70 3-	1/0 ACSR 6/1	1314	1187	1051	304	372	8	4	0.00	2.35	0
20851572+	20851571	6.61	69 3-	1/0 ACSR 6/1	1308	1182	1046	304	357	8	4	0.00	2.35	0
20851643+	20851572	6.67	68 3-	1/0 ACSR 6/1	1301	1174	1039	304	355	8	4	0.01	2.35	1
20851644+	20851643	6.71	67 3-	1/0 ACSR 6/1	1295	1169	1035	303	354	8	4	0.00	2.36	0
20852275+	20851644	6.76	66 3-	1/0 ACSR 6/1	1288	1162	1028	303	352	8	4	0.01	2.36	1
20852277+	20852275	6.83	6 3-	1/0 ACSR 6/1	1278	1153	1020	302	12	0	0	0.00	2.36	0
20852278+	20852277	6.89	4 3-	1/0 ACSR 6/1	1270	1146	1012	302	9	0	0	0.00	2.36	0
20852279+	20852278	6.98	2 3-	1/0 ACSR 6/1	1258	1134	1002	301	7	0	0	0.00	2.36	0
20852280+	20852279	7.06	1 1-	2 ACSR 6/1	0	0	991	300	4	0	0	0.00	2.44	0
16650011+	20852279	7.05	1 3-	1/0 ACSR 6/1	1249	1125	993	300	3	0	0	0.00	2.36	0
16650026+	16650011	7.13	1 1-	2 ACSR 6/1	0	0	983	300	3	0	0	0.00	2.64	0
16650012+	16650011	7.11	0 3-	1/0 ACSR 6/1	1241	1118	986	300	0	0	0	0.00	2.36	0
20852274+	20852277	6.87	2 1-	2 ACSR 6/1	0	0	1013	302	3	0	0	0.00	2.44	0
20852276+	20852275	6.82	59 3-	1/0 ACSR 6/1	1279	1154	1020	302	337	7	3	0.01	2.36	1
16650018+	20852276	6.94	54 3-	1/0 ACSR 6/1	1264	1139	1006	301	321	7	3	0.01	2.37	2
16650017+	16650018	7.00	2 1-	2 ACSR 6/1	0	0	998	301	3	0	0	0.00	2.01	0
16650016+	16650017	7.06	1 1-	2 ACSR 6/1	0	0	989	300	1	0	0	0.00	2.01	0
16650020+	16650018	7.15	52 3-	1/0 ACSR 6/1	1236	1113	982	300	318	7	3	0.02	2.39	4
16650024+	16650020	7.26	51 3-	1/0 ACSR 6/1	1222	1100	970	299	315	7	3	0.01	2.39	2
16650025+	16650024	7.30	1 1-	2 ACSR 6/1	0	0	964	298	1	0	0	0.00	2.02	0
16650023+	16650024	7.33	46 3-	1/0 ACSR 6/1	1213	1091	962	298	308	7	3	0.01	2.40	1
20852267+	16650023	7.37	45 3-	1/0 ACSR 6/1	1209	1087	958	298	308	7	3	0.00	2.40	0
20850947+	20852267	7.50	44 3-	1/0 ACSR 6/1	1193	1073	944	297	305	7	3	0.01	2.41	2
20850949+	20850947	7.55	42 3-	1/0 ACSR 6/1	1186	1066	939	296	298	6	3	0.01	2.41	0
20850951+	20850949	7.63	1 1-	2 ACSR 6/1	0	0	929	295	1	0	0	0.00	2.69	0
20850950+	20850949	7.68	40 3-	1/0 ACSR 6/1	1171	1052	926	295	296	6	3	0.01	2.42	2
20850314+	20850950	7.74	4 3-	1/0 ACSR 6/1	1164	1046	919	295	16	0	0	0.00	2.42	0
20850315+	20850314	7.76	0 3-	1/0 ACSR 6/1	1163	1044	918	295	0	0	0	0.00	2.42	0
16-75-P071-A+	20850315	7.76	0 3-	Open	1163	1044	918	295	0	0	0	0.00	2.42	0
20851267+	20850950	7.72	19 3-	2 ACSR 6/1	1166	1047	921	295	210	4	3	0.00	2.42	0
20851268+	20851267	7.78	18 3-	2 ACSR 6/1	1157	1039	914	294	210	4	3	0.00	2.43	0
D16-75-P011+	20851268	7.78	18 3-	REC-25-E	1157	1039	914	294	210	4	20	0.00	2.43	0
20850261+	D16-75-P011	7.83	18 3-	2 ACSR 6/1	1150	1032	908	294	210	4	3	0.00	2.43	0
20850262+	20850261	7.88	17 3-	2 ACSR 6/1	1143	1025	901	293	209	4	3	0.00	2.43	0
20852268+	20850262	8.01	16 3-	2 ACSR 6/1	1125	1008	887	292	208	4	3	0.01	2.44	1
20852269+	20852268	8.23	15 3-	2 ACSR 6/1	1096	981	862	289	206	4	3	0.01	2.46	2
16650015+	20852269	8.43	15 3-	2 ACSR 6/1	1071	957	842	287	206	4	3	0.01	2.47	2
20852270+	16650015	8.54	3 1-	2 ACSR 6/1	0	0	830	286	5	0	0	0.00	2.08	0
20852271+	20852270	8.96	0 1-	2 ACSR 6/1	0	0	791	281	0	0	0	0.00	2.08	0
16650013+	16650015	8.54	0 1-	2 ACSR 6/1	0	0	831	286	0	0	0	0.00	2.57	0
16650010+	16650015	8.53	12 3-	2 ACSR 6/1	1058	945	831	286	201	4	3	0.01	2.48	1
20852272+	16650010	8.59	2 1-	2 ACSR 6/1	0	0	826	285	3	0	0	0.00	2.09	0
16650033+	16650010	8.65	10 3-	2 ACSR 6/1	1045	932	820	285	198	4	3	0.01	2.48	1
16650034+	16650033	8.72	9 3-	2 ACSR 6/1	1036	924	813	284	195	4	3	0.00	2.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16650031+	16650034	8.76	9 3-	2 ACSR 6/1	1032		920	809 283	195	4 3	0.00	2.49	0	
16650032+	16650031	8.81	8 3-	2 ACSR 6/1	1027		915	805 283	193	4 3	0.00	2.49	0	
20852273+	16650032	8.94	1 1-	2 ACSR 6/1	0		0	793 281	2	0 0	0.00	2.10	0	
16650009+	16650032	8.94	7 3-	2 ACSR 6/1	1012		901	793 281	191	4 3	0.01	2.50	1	
16660003+	16650009	8.99	1 1-	2 ACSR 6/1	0		0	788 281	2	0 0	0.00	2.11	0	
16660002+	16650009	9.34	6 3-	2 ACSR 6/1	969		861	758 277	189	4 3	0.02	2.53	4	
20850246+	16660002	9.53	6 3-	2 ACSR 6/1	950		843	743 275	189	4 3	0.01	2.54	2	
20850249+	20850246	9.64	3 3-	2 ACSR 6/1	939		833	734 274	172	4 2	0.01	2.54	0	
20850250+	20850249	9.74	2 3-	2 ACSR 6/1	930		825	726 273	164	3 2	0.01	2.55	0	
20850251+	20850250	9.88	2 3-	2 ACSR 6/1	916		812	715 272	164	3 2	0.01	2.56	0	
16560001+	20850251	10.29	2 3-	2 ACSR 6/1	881		779	686 268	164	3 2	0.02	2.58	3	
16570008+	16560001	10.29	2 3-	Consumer	881		779	686 268	164	3 0	0.00	2.58	0	
16570002+	16560001	10.38	0 3-	2 ACSR 6/1	873		772	680 267	0	0 0	0.00	2.58	0	
16570001+	16570002	10.59	0 3-	2 ACSR 6/1	856		756	667 265	0	0 0	0.00	2.58	0	
20850252+	20850251	9.94	0 1-	2 ACSR 6/1	0		0	712 271	0	0 0	0.00	2.66	0	
20850247+	20850246	9.68	2 1-	2 ACSR 6/1	0		0	731 274	15	1 1	0.00	2.84	0	
20850248+	20850247	9.86	1 1-	2 ACSR 6/1	0		0	717 272	6	0 0	0.00	2.84	0	
16650014+	20852269	8.34	0 1-	2 ACSR 6/1	0		0	851 288	0	0 0	0.00	2.56	0	
20850975+	20850950	7.72	1 1-	2 ACSR 6/1	0		0	921 295	3	0 0	0.00	2.53	0	
16750019+	20850950	7.75	16 1-	2 ACSR 6/1	0		0	918 295	67	4 3	0.00	2.54	0	
D16-75-P093+	16750019	7.75	1 1-	FUS	0		0	918 295	2	0 3	0.00	2.54	0	
20850976+	D16-75-P093	7.80	1 1-	2 ACSR 6/1	0		0	911 294	2	0 0	0.00	2.54	0	
D16-75-P093A+	16750019	7.75	15 1-	FUS	0		0	918 295	65	4 101	0.00	2.54	0	
20850977+	D16-75-P093A	8.03	15 1-	2 ACSR 6/1	0		0	884 291	65	4 2	0.02	2.55	0	
20851266+	20850977	8.13	14 1-	2 ACSR 6/1	0		0	873 290	64	4 2	0.01	2.56	0	
20850062+	20851266	8.20	10 1-	2 ACSR 6/1	0		0	866 289	54	3 2	0.00	2.56	0	
20850064+	20850062	8.30	10 1-	2 ACSR 6/1	0		0	856 288	54	3 2	0.00	2.57	0	
20850259+	20850064	8.47	3 1-	2 ACSR 6/1	0		0	838 286	3	0 0	0.00	2.57	0	
20850260+	20850259	8.75	1 1-	2 ACSR 6/1	0		0	811 283	2	0 0	0.00	2.57	0	
20851928+	20850260	8.89	0 1-	2 ACSR 6/1	0		0	797 282	0	0 0	0.00	2.57	0	
20850065+	20850064	8.33	6 1-	2 ACSR 6/1	0		0	852 288	40	2 2	0.00	2.57	0	
20850066+	20850065	8.36	3 1-	2 ACSR 6/1	0		0	849 288	22	1 1	0.00	2.57	0	
20850067+	20850066	8.46	2 1-	2 ACSR 6/1	0		0	839 287	14	0 1	0.00	2.57	0	
20850068+	20850067	8.53	1 1-	2 ACSR 6/1	0		0	832 286	9	0 0	0.00	2.57	0	
20850063+	20850062	8.24	0 1-	2 ACSR 6/1	0		0	862 289	0	0 0	0.00	2.56	0	
20850029+	20851266	8.16	3 1-	2 ACSR 6/1	0		0	870 290	8	0 0	0.00	2.56	0	
20850028+	20851266	8.21	0 1-	2 ACSR 6/1	0		0	865 289	0	0 0	0.00	2.56	0	
20850948+	20850947	7.53	1 1-	2 ACSR 6/1	0		0	941 296	3	0 0	0.00	2.51	0	
16650022+	16650024	7.31	2 1-	2 ACSR 6/1	0		0	963 298	4	0 0	0.00	2.49	0	
20852266+	16650022	7.36	1 1-	2 ACSR 6/1	0		0	957 298	3	0 0	0.00	2.49	0	
16650021+	16650024	7.34	1 1-	2 ACSR 6/1	0		0	959 298	2	0 0	0.00	2.67	0	
16650019+	16650018	7.17	0 1-	2 ACSR 6/1	0		0	974 299	0	0 0	0.00	2.01	0	
20851645+	20852276	6.87	5 1-	2 ACSR 6/1	0		0	1013 302	16	1 1	0.00	2.45	0	
20852090+	20851645	6.93	3 1-	2 ACSR 6/1	0		0	1005 301	4	0 0	0.00	2.45	0	
20852091+	20852090	7.07	1 1-	2 ACSR 6/1	0		0	985 299	2	0 0	0.00	2.45	0	
20851642+	20851572	6.70	1 1-	2 ACSR 6/1	0		0	1033 303	3	0 0	0.00	1.99	0	
20852065+	20851584	6.60	2 1-	2 ACSR 6/1	0		0	1046 304	5	0 0	0.00	2.42	0	
20852265+	20852065	6.67	1 1-	2 ACSR 6/1	0		0	1036 303	2	0 0	0.00	2.42	0	
20850958+	20850957	6.33	0 1-	2 ACSR 6/1	0		0	1082 306	0	0 0	0.00	1.96	0	
20852025+	20852024	5.85	0 1-	2 ACSR 6/1	0		0	1152 311	0	0 0	0.00	2.30	0	
20852022+	16740006	5.79	1 1-	2 ACSR 6/1	0		0	1157 311	2	0 0	0.00	2.27	0	
20852023+	20852022	5.86	0 1-	2 ACSR 6/1	0		0	1144 310	0	0 0	0.00	2.27	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852054+	16730004	4.78	2 1-	2 ACSR 6/1	0	0	1346	320	13	0	0	0.00	2.11	0
20851672+	20851807	4.17	2 1-	2 ACSR 6/1	0	0	1487	326	5	0	0	0.00	1.47	0
D16-73-P026+	20851672	4.17	1 1-	FUS-30	0	0	1487	326	3	0	1	0.00	1.47	0
216730011+	D16-73-P026	4.23	1 1-	2 ACSR 6/1	0	0	1464	325	3	0	0	0.00	1.47	0
20851996+	16830025	4.00	2 1-	2 ACSR 6/1	0	0	1531	327	1	0	0	0.00	1.43	0
16830026+	16830024	3.78	4 1-	2 ACSR 6/1	0	0	1591	329	8	0	0	0.00	1.36	0
20851994+	16830026	3.95	1 1-	2 ACSR 6/1	0	0	1532	327	2	0	0	0.00	1.36	0
20851993+	16830026	3.81	2 1-	2 ACSR 6/1	0	0	1579	329	4	0	0	0.00	1.36	0
20851992+	16830026	3.85	1 1-	2 ACSR 6/1	0	0	1567	328	1	0	0	0.00	1.36	0
20851776+	16830018	3.41	10 1-	2 ACSR 6/1	0	0	1705	333	29	1	1	0.00	1.26	0
20851777+	20851776	3.59	8 1-	2 ACSR 6/1	0	0	1637	330	23	1	1	0.00	1.26	0
20851800+	20851777	3.69	4 1-	2 ACSR 6/1	0	0	1600	329	13	0	0	0.00	1.27	0
20851991+	20851800	3.80	2 1-	2 ACSR 6/1	0	0	1561	327	10	0	0	0.00	1.27	0
20851778+	20851777	3.68	4 1-	2 ACSR 6/1	0	0	1606	329	10	0	0	0.00	1.27	0
20851779+	20851778	3.72	3 1-	2 ACSR 6/1	0	0	1590	329	8	0	0	0.00	1.27	0
16830017+	16830022	3.75	0 1-	2 ACSR 6/1	0	0	1575	328	0	0	0	0.00	1.22	0
16830021+	16830020	3.13	4 1-	2 ACSR 6/1	0	0	1805	335	11	0	0	0.00	1.14	0
20851799+	16830021	3.25	3 1-	2 ACSR 6/1	0	0	1752	334	8	0	0	0.00	1.15	0
20851798+	16830021	3.22	1 1-	2 ACSR 6/1	0	0	1767	334	3	0	0	0.00	1.14	0
20851752+	16930008	3.01	3 1-	2 ACSR 6/1	0	0	1855	337	4	0	0	0.00	1.10	0
16930009+	16930018	2.84	5 3-	1/0 ACSR 6/1	2205	2068	1927	339	10	0	0	0.00	1.25	0
16930019+	16930009	2.94	4 1-	2 ACSR 6/1	0	0	1877	337	8	0	0	0.00	1.19	0
16930021+	16930019	3.01	2 1-	2 ACSR 6/1	0	0	1845	336	4	0	0	0.00	1.19	0
16930016+	16930009	2.93	1 1-	2 ACSR 6/1	0	0	1885	337	1	0	0	0.00	1.19	0
16920005+	16930016	2.94	0 1-	2 ACSR 6/1	0	0	1877	337	0	0	0	0.00	1.19	0
16-92-P009-B+	16920005	2.94	0 1-	Closed	0	0	1877	337	0	0	0	0.00	1.19	0
16-92-P009-A+	16-92-P009-B	2.94	0 1-	Closed	0	0	1877	337	0	0	0	0.00	1.19	0
16920006+	16-92-P009-A	3.35	0 1-	2 ACSR 6/1	0	0	1700	332	0	0	0	0.00	1.19	0
22030008+	22030007	2.25	1 1-	2 ACSR 6/1	0	0	2210	344	9	0	0	0.00	0.92	0
22130016+	22130015	1.61	1 3-	1/0 ACSR 6/1	2810	2710	2635	351	0	0	0	0.00	0.64	0
22120024+	22120023	0.48	2 1-	2 ACSR 6/1	0	0	3844	362	11	0	0	0.00	0.16	0
22120041+	22120024	0.52	1 1-	2 ACSR 6/1	0	0	3782	361	6	0	0	0.00	0.16	0
22120056+	22120041	0.68	1 1-	2 ACSR 6/1	0	0	3520	359	6	0	0	0.00	0.16	0
22230034+	22230033	0.21	1 1-	2 ACSR 6/1	0	0	4232	363	7	0	0	0.00	0.05	0
CKT 1 total losses:	\$4,647													
SUB 85, CKT 2														
BK8502+	CARPENTER(85)	0.00	1610 3-	BK8502	4080	4191	4655	365	9656	215	90	0.00	0.00	0
22230027+	BK8502	0.01	1610 3-	336 ACSR 18/1	4072	4179	4638	365	9656	215	41	0.01	0.01	45
22230072+	22230027	0.05	1610 3-	336 ACSR 18/1	4038	4134	4570	365	9656	215	41	0.04	0.04	182
22230040+	22230072	0.12	1610 3-	336 ACSR 18/1	3986	4064	4464	365	9654	215	41	0.06	0.08	292
D22-23-P015+	22230040	0.12	15 1-	FUS	0	0	4464	365	70	4	107	0.00	0.11	0
22230060+	D22-23-P015	0.16	15 1-	2 ACSR 6/1	0	0	4379	364	70	4	3	0.00	0.11	0
22230061+	22230060	0.25	13 1-	2 ACSR 6/1	0	0	4182	363	66	4	2	0.01	0.12	0
22230055+	22230061	0.33	1 1-	2 ACSR 6/1	0	0	4035	362	14	0	1	0.00	0.12	0
22230073+	22230055	0.42	1 1-	2 ACSR 6/1	0	0	3862	360	14	0	1	0.00	0.12	0
22230030+	22230061	0.49	12 1-	2 ACSR 6/1	0	0	3734	359	52	3	2	0.01	0.13	0
22230066+	22230030	0.59	8 1-	2 ACSR 6/1	0	0	3564	358	26	1	1	0.00	0.13	0
22230067+	22230066	0.75	3 1-	2 ACSR 6/1	0	0	3323	355	12	0	0	0.00	0.13	0
22230064+	22230066	0.65	5 1-	2 ACSR 6/1	0	0	3466	357	14	0	1	0.00	0.13	0
22230065+	22230064	0.69	4 1-	2 ACSR 6/1	0	0	3408	356	12	0	0	0.00	0.13	0
22230063+	22230065	0.77	3 1-	2 ACSR 6/1	0	0	3293	355	9	0	0	0.00	0.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22230062+	22230063	0.82	1 1-	2 ACSR 6/1	0	0	3218	354	3	0	0	0.00	0.13	0
22230039+	22230030	0.64	1 1-	2 ACSR 6/1	0	0	3492	357	3	0	0	0.00	0.13	0
22230042+	22230030	0.71	2 1-	2 ACSR 6/1	0	0	3380	356	14	0	1	0.00	0.13	0
22130037+	22230042	0.80	1 1-	2 ACSR 6/1	0	0	3251	354	8	0	0	0.00	0.13	0
22230028+	22230040	0.18	1595 3-	336 ACSR 18/1	3947	4012	4386	365	9581	213	40	0.04	0.12	219
22230059+	22230028	0.24	1 1-	2 ACSR 6/1	0	0	4250	364	8	0	0	0.00	0.12	0
22230058+	22230028	0.24	1 1-	2 ACSR 6/1	0	0	4248	364	6	0	0	0.00	0.15	0
22230043+	22230028	0.29	1593 3-	336 ACSR 18/1	3864	3902	4224	364	9564	213	40	0.10	0.19	482
22230054+	22230043	0.37	1591 3-	336 ACSR 18/1	3809	3831	4120	364	9556	213	40	0.07	0.25	330
22230048+	22230054	0.47	1591 3-	336 ACSR 18/1	3741	3745	3995	363	9553	213	40	0.08	0.31	417
22230049+	22230048	0.56	1590 3-	336 ACSR 18/1	3686	3677	3896	363	9546	213	40	0.07	0.37	349
22230046+	22230049	0.61	2 1-	2 ACSR 6/1	0	0	3811	362	4	0	0	0.00	0.47	0
22230051+	22230046	0.64	1 1-	2 ACSR 6/1	0	0	3759	362	3	0	0	0.00	0.47	0
22230026+	22230049	0.67	1588 3-	336 ACSR 18/1	3613	3586	3766	362	9538	213	40	0.10	0.44	486
22230069+	22230026	0.91	1587 3-	336 ACSR 18/1	3471	3415	3526	361	9529	213	40	0.20	0.60	984
22330021+	22230069	1.03	1585 3-	336 ACSR 18/1	3404	3336	3416	361	9515	213	40	0.10	0.68	497
22330022+	22330021	1.09	1585 3-	336 ACSR 18/1	3371	3297	3362	360	9511	213	40	0.05	0.72	256
22330024+	22330022	1.13	3 1-	2 ACSR 6/1	0	0	3319	360	8	0	0	0.00	0.92	0
22330023+	22330022	1.16	0 1-	2 ACSR 6/1	0	0	3275	359	0	0	0	0.00	0.76	0
22330012+	22330022	1.24	1582 3-	336 ACSR 18/1	3294	3208	3241	360	9500	212	40	0.12	0.81	602
22330026+	22330012	1.28	3 1-	2 ACSR 6/1	0	0	3198	359	6	0	0	0.00	0.86	0
22330027+	22330026	1.38	1 1-	2 ACSR 6/1	0	0	3074	358	1	0	0	0.00	0.86	0
22330025+	22330026	1.34	0 1-	2 ACSR 6/1	0	0	3126	358	0	0	0	0.00	0.86	0
22330011+	22330012	1.42	1579 3-	336 ACSR 18/1	3202	3103	3101	359	9488	212	40	0.15	0.93	754
22330031+	22330011	1.59	1360 3-	336 ACSR 18/1	3123	3014	2984	358	8519	192	36	0.14	1.03	564
22330036+	22330031	1.65	1360 3-	336 ACSR 18/1	3098	2986	2947	358	8514	192	36	0.04	1.07	184
22330037+	22330036	1.73	1360 3-	336 ACSR 18/1	3061	2945	2893	358	8512	192	36	0.07	1.12	279
22330039+	22330037	1.75	1360 3-	336 ACSR 18/1	3052	2935	2880	358	8510	192	36	0.02	1.13	71
22330040+	22330039	1.85	1359 3-	336 ACSR 18/1	3007	2885	2816	357	8503	192	36	0.08	1.19	346
D22-33-P037+	22330040	1.85	5 1-	FUS	0	0	2816	357	22	1	34	0.00	1.25	0
22330041+	D22-33-P037	1.90	5 1-	2 ACSR 6/1	0	0	2771	356	22	1	1	0.00	1.25	0
22330042+	22330041	1.96	3 1-	2 ACSR 6/1	0	0	2715	355	17	1	1	0.00	1.25	0
22330038+	22330042	2.04	2 1-	2 ACSR 6/1	0	0	2650	354	9	0	0	0.00	1.25	0
22330030+	22330040	1.94	1354 3-	336 ACSR 18/1	2971	2846	2766	357	8478	191	36	0.07	1.25	281
22330017+	22330030	2.01	1353 3-	336 ACSR 18/1	2941	2814	2725	356	8456	191	36	0.06	1.29	240
22330018+	22330017	2.03	1352 3-	336 ACSR 18/1	2933	2805	2713	356	8449	190	36	0.02	1.30	69
22330043+	22330018	2.07	2 1-	2 ACSR 6/1	0	0	2680	356	12	0	0	0.00	1.36	0
20851119+	22330043	2.12	1 1-	2 ACSR 6/1	0	0	2639	355	8	0	0	0.00	1.36	0
22330019+	22330018	2.05	1350 3-	336 ACSR 18/1	2925	2796	2703	356	8437	190	36	0.02	1.31	63
22330020+	22330019	2.09	1 1-	2 ACSR 6/1	0	0	2665	355	3	0	0	0.00	1.70	0
20850936+	22330019	2.23	1348 3-	336 ACSR 18/1	2854	2719	2606	355	8426	190	36	0.15	1.42	599
20851120+	20850936	2.26	1347 3-	336 ACSR 18/1	2842	2707	2590	355	8412	190	36	0.02	1.44	99
20851121+	20851120	2.29	1344 3-	336 ACSR 18/1	2829	2693	2573	355	8403	190	36	0.03	1.46	113
20851122+	20851121	2.34	1342 3-	336 ACSR 18/1	2811	2673	2549	355	8388	189	36	0.04	1.49	161
22430039+	20851122	2.41	1339 3-	336 ACSR 18/1	2786	2647	2516	355	8383	189	36	0.05	1.53	219
22430040+	22430039	2.43	3 1-	2 ACSR 6/1	0	0	2499	354	9	0	0	0.00	1.00	0
22430022+	22430039	2.46	1336 3-	336 ACSR 18/1	2766	2626	2491	354	8372	189	36	0.04	1.56	175
22430023+	22430022	2.49	1335 3-	336 ACSR 18/1	2756	2615	2477	354	8363	189	36	0.02	1.58	95
D22-43-P026+	22430023	2.49	17 1-	FUS	0	0	2477	354	49	3	75	0.00	1.04	0
22430046+	D22-43-P026	2.57	17 1-	2 ACSR 6/1	0	0	2417	353	49	3	2	0.00	1.04	0
22430041+	22430046	2.63	15 1-	2 ACSR 6/1	0	0	2376	352	39	2	1	0.00	1.04	0
22430024+	22430041	2.69	14 1-	2 ACSR 6/1	0	0	2337	351	32	2	1	0.00	1.04	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22430026+	22430024	2.77	13 1-	2 ACSR 6/1	0	0	2278	350	30	2	1	0.00	1.05	0
22430028+	22430026	2.82	2 1-	2 ACSR 6/1	0	0	2248	349	1	0	0	0.00	1.05	0
22430027+	22430026	2.81	8 1-	2 ACSR 6/1	0	0	2253	349	20	1	1	0.00	1.05	0
22430032+	22430027	2.88	6 1-	2 ACSR 6/1	0	0	2211	348	15	1	1	0.00	1.05	0
22430017+	22430032	2.91	4 1-	2 ACSR 6/1	0	0	2192	348	13	0	1	0.00	1.05	0
22430018+	22430017	2.96	3 1-	2 ACSR 6/1	0	0	2160	347	6	0	0	0.00	1.05	0
22430019+	22430018	3.05	2 1-	2 ACSR 6/1	0	0	2107	346	4	0	0	0.00	1.05	0
20850911+	22430019	3.16	2 1-	2 ACSR 6/1	0	0	2044	344	4	0	0	0.00	1.05	0
20850910+	20850911	3.24	1 1-	2 ACSR 6/1	0	0	2003	343	1	0	0	0.00	1.05	0
22430031+	22430027	2.89	2 1-	2 ACSR 6/1	0	0	2202	348	4	0	0	0.00	1.05	0
22430025+	22430024	2.77	0 1-	2 ACSR 6/1	0	0	2282	350	0	0	0	0.00	1.04	0
22430049+	22430041	2.66	1 1-	2 ACSR 6/1	0	0	2357	352	7	0	0	0.00	1.04	0
20850740+	22430023	2.52	1318 3-	336 ACSR 18/1	2747	2605	2465	354	8313	188	36	0.02	1.59	81
20850741+	20850740	2.58	1317 3-	336 ACSR 18/1	2724	2581	2436	354	8310	188	36	0.05	1.63	207
20850909+	20850741	2.62	1 1-	2 ACSR 6/1	0	0	2407	353	2	0	0	0.00	2.12	0
20850743+	20850741	2.65	1314 3-	336 ACSR 18/1	2701	2557	2406	353	8302	188	35	0.05	1.67	216
20850932+	20850743	2.69	1 1-	2 ACSR 6/1	0	0	2378	353	11	0	0	0.00	1.74	0
20850742+	20850743	2.70	1312 3-	336 ACSR 18/1	2681	2536	2381	353	8288	187	35	0.04	1.70	184
22430029+	20850742	2.75	76 3-	1/0 ACSR 6/1	2656	2510	2352	353	1324	30	13	0.01	1.72	13
22430033+	22430029	2.79	75 3-	1/0 ACSR 6/1	2637	2491	2331	352	1321	30	13	0.01	1.73	10
22430034+	22430033	2.80	74 3-	1/0 ACSR 6/1	2631	2485	2324	352	1316	30	13	0.00	1.73	3
D22-43-F116+	22430034	2.80	74 3-	REC-100-E	2631	2485	2324	352	1316	30	13	0.00	1.73	0
22430020+	D22-43-P116	2.84	74 3-	1/0 ACSR 6/1	2612	2465	2302	352	1316	30	13	0.01	1.74	11
22440008+	22430020	3.00	74 3-	1/0 ACSR 6/1	2532	2383	2213	350	1316	30	13	0.04	1.79	43
22440005+	22440008	3.06	1 1-	2 ACSR 6/1	0	0	2176	349	2	0	0	0.00	2.30	0
22440004+	22440008	3.09	71 3-	1/0 ACSR 6/1	2490	2340	2166	349	1302	30	13	0.02	1.81	24
22440009+	22440004	3.12	2 1-	2 ACSR 6/1	0	0	2149	349	11	0	0	0.00	1.88	0
22440010+	22440009	3.18	1 1-	2 ACSR 6/1	0	0	2114	348	8	0	0	0.00	1.88	0
22440006+	22440004	3.12	69 3-	1/0 ACSR 6/1	2475	2325	2150	349	1291	30	13	0.01	1.82	8
22440011+	22440006	3.17	67 3-	1/0 ACSR 6/1	2452	2302	2126	348	1278	29	13	0.01	1.83	12
22440012+	22440011	3.26	5 1-	2 ACSR 6/1	0	0	2076	347	12	0	0	0.00	1.90	0
22440014+	22440011	3.32	59 3-	1/0 ACSR 6/1	2385	2233	2053	347	1251	29	13	0.04	1.87	37
22440013+	22440014	3.37	1 1-	2 ACSR 6/1	0	0	2029	346	5	0	0	0.00	2.38	0
22440015+	22440014	3.36	57 3-	1/0 ACSR 6/1	2367	2215	2034	346	1244	29	13	0.01	1.88	10
22440016+	22440015	3.43	56 3-	1/0 ACSR 6/1	2337	2185	2002	346	1240	28	13	0.02	1.90	17
22340020+	22440016	3.50	4 1-	2 ACSR 6/1	0	0	1968	345	17	1	1	0.00	1.97	0
22340021+	22340020	3.53	2 1-	2 ACSR 6/1	0	0	1954	344	8	0	0	0.00	1.97	0
22340002+	22440016	3.52	52 3-	1/0 ACSR 6/1	2301	2148	1964	345	1223	28	12	0.02	1.93	20
22340003+	22340002	3.60	4 1-	2 ACSR 6/1	0	0	1927	344	9	0	0	0.00	2.00	0
22340022+	22340003	3.64	1 1-	2 ACSR 6/1	0	0	1905	343	2	0	0	0.00	2.00	0
22340004+	22340003	3.64	2 1-	2 ACSR 6/1	0	0	1909	343	6	0	0	0.00	2.00	0
22340009+	22340004	3.72	1 1-	2 ACSR 6/1	0	0	1870	342	1	0	0	0.00	2.00	0
22340008+	22340004	3.67	1 1-	2 ACSR 6/1	0	0	1891	342	5	0	0	0.00	2.00	0
22340010+	22340002	3.63	48 3-	1/0 ACSR 6/1	2258	2105	1919	344	1214	28	12	0.03	1.95	25
22340011+	22340010	3.71	44 3-	1/0 ACSR 6/1	2228	2075	1888	343	1210	28	12	0.02	1.97	17
22340007+	22340011	3.78	42 3-	1/0 ACSR 6/1	2199	2046	1859	342	1197	28	12	0.02	1.99	17
22340017+	22340007	3.89	37 3-	1/0 ACSR 6/1	2160	2007	1818	341	1169	27	12	0.03	2.02	23
22340018+	22340017	3.97	33 3-	1/0 ACSR 6/1	2129	1976	1787	340	1146	26	12	0.02	2.04	18
22340006+	22340018	4.15	31 3-	1/0 ACSR 6/1	2069	1916	1727	338	1135	26	12	0.04	2.08	35
22440018+	22340006	4.22	1 1-	2 ACSR 6/1	0	0	1699	337	3	0	0	0.00	2.59	0
22440017+	22340006	4.25	28 3-	1/0 ACSR 6/1	2036	1883	1694	337	1109	26	11	0.02	2.11	20
22440020+	22440017	4.36	1 1-	2 ACSR 6/1	0	0	1653	336	5	0	0	0.00	2.61	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
224400021+	22440020	4.40	1 1-	2 ACSR 6/1	0	0	1638	335	5	0	0	0.00	2.61	0
22440002+	22440017	4.34	27 3-	1/0 ACSR 6/1	2007	1854	1665	336	1104	25	11	0.02	2.13	17
22440007+	22440002	4.55	26 3-	1/0 ACSR 6/1	1943	1791	1603	334	1099	25	11	0.05	2.18	40
22450014+	22440007	4.60	1 1-	2 ACSR 6/1	0	0	1585	334	6	0	0	0.00	1.62	0
22450030+	22440007	4.64	24 3-	1/0 ACSR 6/1	1914	1763	1575	333	1089	25	11	0.02	2.20	18
22450032+	22450030	4.68	1 1-	2 ACSR 6/1	0	0	1563	333	5	0	0	0.00	2.25	0
22450031+	22450030	4.74	23 3-	1/0 ACSR 6/1	1885	1735	1548	332	1084	25	11	0.02	2.22	19
22450006+	22450031	4.80	21 3-	1/0 ACSR 6/1	1869	1718	1532	332	1078	25	11	0.01	2.24	11
22450007+	22450006	4.84	20 3-	2 ACSR 6/1	1856	1705	1519	331	1073	25	14	0.01	2.25	11
22450008+	22450007	4.89	19 3-	2 ACSR 6/1	1840	1690	1505	331	1066	25	14	0.02	2.27	13
D22-45-P038+	22450008	4.89	19 3-	REC-35-E	1840	1690	1505	331	1066	25	72	0.00	2.27	0
22450009+	D22-45-P038	5.00	19 3-	2 ACSR 6/1	1805	1654	1472	329	1066	25	14	0.04	2.30	32
22450027+	22450009	5.06	18 3-	2 ACSR 6/1	1784	1634	1453	328	1063	25	14	0.02	2.32	19
22450026+	22450027	5.12	18 3-	2 ACSR 6/1	1767	1617	1438	327	1063	25	14	0.02	2.34	16
22450010+	22450026	5.21	1 1-	2 ACSR 6/1	0	0	1413	326	4	0	0	0.00	2.85	0
22450024+	22450026	5.19	17 3-	2 ACSR 6/1	1745	1595	1417	327	1059	24	14	0.03	2.37	21
22450028+	22450024	5.59	16 3-	2 ACSR 6/1	1633	1484	1316	321	1056	24	14	0.14	2.50	112
22450029+	22450028	5.66	16 3-	2 ACSR 6/1	1612	1464	1298	320	1055	24	14	0.03	2.52	22
22450011+	22450029	5.95	16 3-	2 ACSR 6/1	1539	1393	1233	316	1055	24	14	0.10	2.62	81
22460010+	22450011	6.19	14 3-	2 ACSR 6/1	1484	1340	1185	313	1048	24	14	0.08	2.70	65
22460011+	22460010	6.26	11 3-	2 ACSR 6/1	1468	1324	1171	313	1036	24	14	0.03	2.72	20
22460012+	22460011	6.36	1 1-	2 ACSR 6/1	0	0	1153	311	3	0	0	0.00	3.25	0
22460005+	22460011	6.57	10 3-	2 ACSR 6/1	1402	1261	1115	309	1033	24	14	0.10	2.82	83
22460013+	22460005	6.59	1 1-	2 ACSR 6/1	0	0	1110	308	6	0	0	0.00	3.35	0
22460006+	22460005	6.60	9 3-	2 ACSR 6/1	1395	1254	1108	308	1027	24	14	0.01	2.83	10
22460016+	22460006	6.62	1 1-	2 ACSR 6/1	0	0	1105	308	10	0	0	0.00	2.28	0
22460015+	22460006	6.62	1 1-	2 ACSR 6/1	0	0	1105	308	3	0	0	0.00	2.28	0
22460007+	22460006	6.84	7 3-	2 ACSR 6/1	1349	1210	1069	305	1014	24	13	0.08	2.91	61
22460014+	22460007	7.01	5 3-	2 ACSR 6/1	1316	1179	1042	303	13	0	0	0.00	2.91	0
22470002+	22460014	7.07	4 3-	2 ACSR 6/1	1306	1169	1033	303	12	0	0	0.00	2.91	0
D22-37-P014+	22470002	7.07	4 1-	FUS	0	0	1033	303	12	0	19	0.00	3.44	0
22370009+	D22-37-P014	7.11	4 1-	2 ACSR 6/1	0	0	1026	302	12	0	0	0.00	3.44	0
22370010+	22370009	7.15	4 1-	2 ACSR 6/1	0	0	1021	302	12	0	0	0.00	3.44	0
22370008+	22370010	7.20	4 1-	2 ACSR 6/1	0	0	1014	301	12	0	0	0.00	3.45	0
22370006+	22370008	7.26	4 1-	2 ACSR 6/1	0	0	1004	300	12	0	0	0.00	3.45	0
22370007+	22370006	7.87	4 1-	2 ACSR 6/1	0	0	924	293	12	0	0	0.00	3.45	0
22460008+	22460007	6.86	2 3-	2 ACSR 6/1	1345	1206	1066	305	1001	23	13	0.01	2.92	6
22460007+	22460008	6.86	2 3-	Consumer	1345	1206	1066	305	1001	23	0	0.00	2.92	0
22460009+	22450011	6.02	1 1-	2 ACSR 6/1	0	0	1220	316	5	0	0	0.00	2.65	0
22450025+	22450024	5.30	1 1-	2 ACSR 6/1	0	0	1389	325	2	0	0	0.00	2.88	0
22450012+	22450031	4.80	2 1-	2 ACSR 6/1	0	0	1528	322	6	0	0	0.00	2.27	0
22450013+	22450012	4.86	1 1-	2 ACSR 6/1	0	0	1511	331	3	0	0	0.00	2.27	0
22440019+	22340006	4.19	1 1-	2 ACSR 6/1	0	0	1710	338	13	0	1	0.00	2.14	0
22440001+	22440019	4.25	0 1-	2 ACSR 6/1	0	0	1689	337	0	0	0	0.00	2.14	0
22340005+	22340018	4.09	1 1-	2 ACSR 6/1	0	0	1740	338	4	0	0	0.00	2.54	0
22340023+	22340007	3.82	4 1-	2 ACSR 6/1	0	0	1842	341	27	1	1	0.00	2.06	0
22340016+	22340023	3.85	2 1-	2 ACSR 6/1	0	0	1827	341	16	1	1	0.00	2.06	0
22340019+	22340007	3.87	1 1-	2 ACSR 6/1	0	0	1819	341	1	0	0	0.00	2.06	0
22440003+	22440008	3.17	1 1-	2 ACSR 6/1	0	0	2113	348	3	0	0	0.00	1.86	0
20850934+	20850742	2.74	30 3-	2 ACSR 6/1	2661	2515	2358	353	135	3	2	0.00	1.71	0
20850935+	20850934	2.75	27 3-	2 ACSR 6/1	2655	2508	2351	352	107	2	1	0.00	1.71	0
D22-43-P030+	20850935	2.75	27 1-	REC-50-E	0	0	2351	352	107	7	14	0.00	1.12	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22430030+	D22-43-P030	2.81	27 1-	2 ACSR 6/1	0	0	2310	352	107	7	4	0.01	1.12	0
D22-43-P031+	22430030	2.81	21 1-	FUS	0	0	2310	352	77	5	119	0.00	1.12	0
22430012+	D22-43-P031	2.89	21 1-	2 ACSR 6/1	0	0	2256	350	77	5	3	0.01	1.13	0
22430013+	22430012	2.99	20 1-	2 ACSR 6/1	0	0	2192	349	72	4	3	0.01	1.14	0
22430014+	22430013	3.07	19 1-	2 ACSR 6/1	0	0	2147	348	72	4	3	0.01	1.14	0
22430015+	22430014	3.15	17 1-	2 ACSR 6/1	0	0	2100	346	70	4	3	0.01	1.15	0
20851103+	22430015	3.24	15 1-	2 ACSR 6/1	0	0	2052	345	68	4	3	0.01	1.15	0
20851104+	20851103	3.29	14 1-	2 ACSR 6/1	0	0	2024	344	65	4	2	0.00	1.16	0
20851115+	20851104	3.38	13 1-	2 ACSR 6/1	0	0	1974	343	60	4	2	0.01	1.16	0
20850937+	20851115	3.86	12 1-	2 ACSR 6/1	0	0	1756	336	57	3	2	0.03	1.19	1
22430016+	20850937	3.90	1 1-	2 ACSR 6/1	0	0	1740	336	1	0	0	0.00	1.19	0
22430011+	20850937	3.97	11 1-	2 ACSR 6/1	0	0	1709	335	55	3	2	0.01	1.20	0
22420004+	22430011	4.05	1 1-	2 ACSR 6/1	0	0	1679	333	6	0	0	0.00	1.20	0
22420001+	22430011	4.03	10 1-	2 ACSR 6/1	0	0	1686	334	49	3	2	0.00	1.20	0
22420005+	22420001	4.07	8 1-	2 ACSR 6/1	0	0	1673	333	43	2	2	0.00	1.20	0
22420006+	22420005	4.11	6 1-	2 ACSR 6/1	0	0	1655	333	27	1	1	0.00	1.20	0
22420007+	22420006	4.16	5 1-	2 ACSR 6/1	0	0	1637	332	20	1	1	0.00	1.20	0
22420008+	22420007	4.19	4 1-	2 ACSR 6/1	0	0	1625	331	13	0	1	0.00	1.20	0
22420009+	22420008	4.24	2 1-	2 ACSR 6/1	0	0	1607	331	8	0	0	0.00	1.20	0
22420003+	22420009	4.26	2 1-	2 ACSR 6/1	0	0	1602	331	8	0	0	0.00	1.20	0
22420010+	22420003	4.36	1 1-	2 ACSR 6/1	0	0	1567	329	4	0	0	0.00	1.20	0
22420002+	22420009	4.34	0 1-	2 ACSR 6/1	0	0	1575	330	0	0	0	0.00	1.20	0
22430035+	22430030	2.89	5 1-	2 ACSR 6/1	0	0	2260	350	28	1	1	0.00	1.12	0
22430038+	22430035	2.96	1 1-	2 ACSR 6/1	0	0	2212	349	4	0	0	0.00	1.12	0
22430037+	22430035	2.97	1 1-	2 ACSR 6/1	0	0	2206	349	6	0	0	0.00	1.12	0
22430036+	22430035	2.94	2 1-	2 ACSR 6/1	0	0	2224	350	7	0	0	0.00	1.13	0
22430021+	22430036	2.96	1 1-	2 ACSR 6/1	0	0	2214	349	3	0	0	0.00	1.13	0
22430042+	22430036	3.00	1 1-	2 ACSR 6/1	0	0	2188	349	4	0	0	0.00	1.13	0
20850933+	20850742	2.77	1206 3-	336 ACSR 18/1	2659	2513	2354	353	6826	154	29	0.04	1.73	146
20851123+	20850933	2.85	1205 3-	336 ACSR 18/1	2633	2486	2320	352	6824	154	29	0.05	1.77	177
C22-43-P56+	20851123	2.85	0 3-	Capacitor	2633	2486	2320	352	0	-7	0	0.00	1.77	0
22430047+	20851123	3.05	1205 3-	336 ACSR 18/1	2569	2419	2241	352	6822	155	29	0.14	1.87	454
22430048+	22430047	3.26	1205 3-	336 ACSR 18/1	2503	2351	2162	351	6818	155	29	0.15	1.98	486
22540047+	22430048	3.28	4 1-	2 ACSR 6/1	0	0	2153	350	7	0	0	0.00	1.23	0
22540048+	22540047	3.31	2 1-	2 ACSR 6/1	0	0	2135	350	2	0	0	0.00	1.23	0
22540035+	22430048	3.44	1201 3-	336 ACSR 18/1	2452	2299	2101	350	6806	155	29	0.12	2.07	392
22540039+	22540035	3.57	1200 3-	336 ACSR 18/1	2413	2259	2055	349	6801	155	29	0.10	2.14	316
22540043+	22540039	3.68	350 3-	4/0 ACSR 6/1	2378	2224	2015	348	1451	32	10	0.03	2.15	18
22540065+	22540043	3.72	346 3-	4/0 ACSR 6/1	2363	2209	1999	348	1431	32	10	0.01	2.16	7
22540066+	22540065	3.79	346 3-	4/0 ACSR 6/1	2341	2188	1974	348	1431	32	10	0.02	2.17	11
D22-54-P092+	22540066	3.79	346 3-	REC-100-E	2341	2188	1974	348	1431	32	33	0.00	2.17	0
22540021+	D22-54-P092	3.83	346 3-	4/0 ACSR 6/1	2328	2174	1959	347	1431	32	10	0.01	2.18	7
22540042+	22540021	3.87	345 3-	4/0 ACSR 6/1	2315	2162	1945	347	1430	32	10	0.01	2.18	6
22540067+	22540042	3.92	344 3-	4/0 ACSR 6/1	2298	2144	1926	347	1426	32	10	0.01	2.19	9
22540063+	22540067	3.98	343 3-	4/0 ACSR 6/1	2281	2127	1907	346	1419	32	9	0.01	2.20	9
22540064+	22540063	4.01	343 3-	4/0 ACSR 6/1	2272	2118	1897	346	1419	32	9	0.01	2.20	5
22540061+	22540064	4.08	342 3-	4/0 ACSR 6/1	2249	2096	1872	346	1414	32	9	0.02	2.21	12
22540062+	22540061	4.13	342 3-	4/0 ACSR 6/1	2234	2081	1856	345	1414	32	9	0.01	2.22	8
22540024+	22540062	4.17	341 3-	4/0 ACSR 6/1	2221	2068	1841	345	1413	32	9	0.01	2.23	7
22540050+	22540024	4.22	4 1-	2 ACSR 6/1	0	0	1821	344	18	1	1	0.00	2.99	0
22540060+	22540050	4.35	2 1-	2 ACSR 6/1	0	0	1771	342	8	0	0	0.00	2.99	0
22540059+	22540060	4.39	1 1-	2 ACSR 6/1	0	0	1753	342	4	0	0	0.00	2.99	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
22540025+	22540024	4.19	337 3-	4/0 ACSR	6/1	2216	2063	1836	345	1395	31	9	0.00	2.23	3
22540049+	22540025	4.40	337 3-	4/0 ACSR	6/1	2156	2004	1772	344	1395	31	9	0.05	2.26	33
22540026+	22540049	4.50	335 3-	4/0 ACSR	6/1	2129	1977	1743	343	1386	31	9	0.02	2.27	16
22540028+	22540026	4.52	331 3-	4/0 ACSR	6/1	2122	1970	1736	343	1371	31	9	0.01	2.28	4
22540029+	22540028	4.56	330 3-	4/0 ACSR	6/1	2112	1960	1725	342	1363	31	9	0.01	2.28	6
22540051+	22540029	4.67	329 3-	4/0 ACSR	6/1	2082	1932	1694	342	1359	30	9	0.03	2.30	17
22550029+	22540051	4.73	326 3-	4/0 ACSR	6/1	2067	1916	1678	341	1350	30	9	0.01	2.31	9
22550030+	22550029	4.88	325 3-	4/0 ACSR	6/1	2029	1879	1639	340	1343	30	9	0.04	2.33	23
D22-55-P04+	22550030	4.88	8 1-		FUS	0	0	1639	340	31	2	48	0.00	3.16	0
22550035+	D22-55-P04	5.04	8 1-	2 ACSR	6/1	0	0	1586	338	31	2	1	0.00	3.16	0
22550022+	22550035	5.13	7 1-	2 ACSR	6/1	0	0	1557	337	24	1	1	0.00	3.17	0
22550023+	22550022	5.18	6 1-	2 ACSR	6/1	0	0	1541	336	21	1	1	0.00	3.17	0
22550014+	22550023	5.35	5 1-	2 ACSR	6/1	0	0	1490	333	12	0	0	0.00	3.17	0
22650015+	22550014	5.52	4 1-	2 ACSR	6/1	0	0	1442	331	7	0	0	0.00	3.17	0
22650016+	22650015	5.67	4 1-	2 ACSR	6/1	0	0	1402	329	7	0	0	0.00	3.17	0
22650011+	22650016	5.75	1 1-	2 ACSR	6/1	0	0	1383	328	2	0	0	0.00	3.17	0
22650012+	22650011	5.82	0 1-	2 ACSR	6/1	0	0	1363	327	0	0	0	0.00	3.17	0
22650010+	22650016	5.75	3 1-	2 ACSR	6/1	0	0	1383	328	5	0	0	0.00	3.17	0
22650008+	22650010	5.97	2 1-	2 ACSR	6/1	0	0	1327	325	4	0	0	0.00	3.17	0
22650009+	22650008	6.19	1 1-	2 ACSR	6/1	0	0	1278	322	4	0	0	0.00	3.17	0
22550031+	22550030	4.92	1 1-	2 ACSR	6/1	0	0	1628	340	4	0	0	0.00	2.47	0
22550024+	22550030	4.99	316 3-	1/0 ACSR	6/1	1995	1845	1607	339	1308	29	13	0.04	2.36	31
D22-55-P046A+	22550024	4.99	2 1-		FUS-20	0	0	1607	339	9	0	4	0.00	2.50	0
D22-55-P046+	D22-55-P046A	4.99	2 1-		FUS-20	0	0	1607	339	9	0	4	0.00	2.50	0
22550034+	D22-55-P046	5.04	2 1-	2 ACSR	6/1	0	0	1591	338	9	0	0	0.00	2.50	0
22550012+	22550034	5.23	1 1-	2 ACSR	6/1	0	0	1533	336	6	0	0	0.00	2.50	0
22550013+	22550024	5.06	312 3-	1/0 ACSR	6/1	1974	1824	1587	338	1296	29	13	0.03	2.37	19
22550017+	22550013	5.17	310 3-	1/0 ACSR	6/1	1943	1794	1559	337	1291	29	13	0.04	2.40	28
22550021+	22550017	5.23	306 3-	1/0 ACSR	6/1	1926	1778	1543	337	1269	28	13	0.02	2.41	16
22550025+	22550021	5.28	306 3-	1/0 ACSR	6/1	1911	1762	1529	336	1269	28	13	0.02	2.43	15
22550026+	22550025	5.35	305 3-	1/0 ACSR	6/1	1892	1744	1512	336	1263	28	13	0.03	2.44	18
22550027+	22550026	5.42	304 3-	1/0 ACSR	6/1	1873	1725	1494	335	1260	28	12	0.03	2.46	19
22550028+	22550027	5.63	303 3-	1/0 ACSR	6/1	1817	1670	1443	333	1258	28	12	0.08	2.51	57
22550011+	22550028	5.99	303 3-	1/0 ACSR	6/1	1728	1583	1363	329	1257	28	12	0.14	2.60	96
22560027+	22550011	6.04	1 1-	2 ACSR	6/1	0	0	1351	328	11	0	0	0.00	2.71	0
22560028+	22550011	6.03	302 3-	1/0 ACSR	6/1	1720	1575	1356	329	1245	28	12	0.01	2.61	9
22560029+	22560028	6.06	301 3-	1/0 ACSR	6/1	1713	1568	1350	328	1240	28	12	0.01	2.61	8
22560030+	22560029	6.07	300 3-	1/0 ACSR	6/1	1710	1566	1347	328	1238	28	12	0.00	2.62	3
22560037+	22560030	6.16	299 3-	1/0 ACSR	6/1	1690	1546	1329	327	1230	28	12	0.04	2.64	23
22560038+	22560037	6.26	298 3-	1/0 ACSR	6/1	1668	1525	1310	327	1223	27	12	0.04	2.66	25
22560023+	22560038	6.58	298 3-	1/0 ACSR	6/1	1601	1460	1251	323	1223	27	12	0.12	2.73	81
22560022+	22560023	6.66	296 3-	1/0 ACSR	6/1	1584	1443	1236	323	1212	27	12	0.03	2.75	21
D22-56-P014+	22560022	6.66	296 3-		REC-70-E	1584	1443	1236	323	1212	27	40	0.00	2.75	0
22560024+	D22-56-P014	6.71	296 3-	1/0 ACSR	6/1	1575	1434	1228	322	1212	27	12	0.02	2.76	12
D22-56-P030+	22560024	6.71	7 1-		FUS-10	0	0	1228	322	7	0	5	0.00	3.87	0
22560043+	D22-56-P030	6.76	7 1-	2 ACSR	6/1	0	0	1217	321	7	0	0	0.00	3.87	0
22560044+	22560043	6.82	6 1-	2 ACSR	6/1	0	0	1205	321	5	0	0	0.00	3.87	0
22560033+	22560044	6.89	4 1-	2 ACSR	6/1	0	0	1192	320	2	0	0	0.00	3.87	0
22560020+	22560024	6.78	289 3-	1/0 ACSR	6/1	1560	1421	1216	322	1205	27	12	0.03	2.78	18
D22-56-P038A+	22560020	6.78	3 1-		FUS-10	0	0	1216	322	13	0	9	0.00	2.87	0
D22-56-P038+	D22-56-P038A	6.78	3 1-		FUS-10	0	0	1216	322	13	0	9	0.00	2.87	0
22560042+	D22-56-P038	6.82	3 1-	2 ACSR	6/1	0	0	1209	321	13	0	0	0.00	2.87	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22560026+	22560042	6.89	2 1-	2 ACSR 6/1	0	0	1194	320	11	0	0	0.00	2.87	0
22560035+	22560020	6.79	4 1-	2 ACSR 6/1	0	0	1213	321	10	0	0	0.00	3.90	0
22560021+	22560020	6.84	282 3-	1/0 ACSR 6/1	1548	1409	1206	321	1182	26	12	0.02	2.79	15
22560036+	22560021	6.87	2 1-	2 ACSR 6/1	0	0	1200	321	10	0	0	0.00	3.93	0
22560034+	22560021	6.86	1 1-	2 ACSR 6/1	0	0	1202	321	3	0	0	0.00	1.57	0
22560019+	22560021	6.91	279 3-	1/0 ACSR 6/1	1535	1396	1194	320	1168	26	12	0.03	2.81	16
22560025+	22560019	7.73	279 3-	1/0 ACSR 6/1	1394	1262	1075	313	1168	26	12	0.31	2.99	190
22570002+	22560025	7.86	279 3-	1/0 ACSR 6/1	1374	1243	1058	312	1166	26	12	0.05	3.02	31
20852206+	22570002	7.93	2 1-	2 ACSR 6/1	0	0	1047	311	4	0	0	0.00	3.08	0
22570003+	22570002	7.91	277 3-	1/0 ACSR 6/1	1366	1235	1051	311	1162	26	12	0.02	3.03	13
22570004+	22570003	8.00	276 3-	1/0 ACSR 6/1	1352	1222	1040	310	1158	26	12	0.03	3.05	20
20852041+	22570004	8.06	275 3-	1/0 ACSR 6/1	1344	1214	1033	310	1152	26	11	0.02	3.06	13
20852204+	20852041	8.11	273 3-	1/0 ACSR 6/1	1337	1207	1027	309	1136	26	11	0.02	3.08	11
20852205+	20852204	8.22	272 3-	1/0 ACSR 6/1	1321	1192	1013	308	1131	25	11	0.04	3.10	25
22480004+	20852205	8.33	269 3-	1/0 ACSR 6/1	1305	1177	1000	307	1117	25	11	0.04	3.12	24
22480012+	22480004	8.42	265 3-	1/0 ACSR 6/1	1293	1166	991	307	1101	25	11	0.03	3.14	19
22480014+	22480012	8.47	1 1-	2 ACSR 6/1	0	0	984	306	2	0	0	0.00	4.51	0
22480013+	22480012	8.53	262 3-	1/0 ACSR 6/1	1278	1152	978	306	1091	25	11	0.04	3.16	24
22480036+	22480013	8.59	259 3-	1/0 ACSR 6/1	1271	1145	972	305	1079	24	11	0.02	3.18	11
22480038+	22480036	8.63	1 3-	1/0 ACSR 6/1	1265	1140	967	305	6	0	0	0.00	3.18	0
22480037+	22480036	8.72	258 3-	1/0 ACSR 6/1	1253	1129	958	304	1073	24	11	0.05	3.20	28
22480016+	22480037	8.80	257 3-	1/0 ACSR 6/1	1244	1120	950	303	1071	24	11	0.03	3.22	16
22480010+	22480016	8.93	256 3-	1/0 ACSR 6/1	1227	1104	936	302	1071	24	11	0.05	3.25	28
22480025+	22480010	8.97	253 3-	1/0 ACSR 6/1	1222	1099	932	302	1057	24	11	0.02	3.25	9
22480027+	22480025	9.04	252 3-	1/0 ACSR 6/1	1214	1091	925	301	1047	24	10	0.02	3.27	13
D22-48-P012A+	22480027	9.04	4 1-	FUS-20	0	0	925	301	13	0	5	0.00	4.74	0
D22-48-P012B+	D22-48-P012A	9.04	4 1-	FUS-20	0	0	925	301	13	0	5	0.00	4.74	0
22480035+	D22-48-P012	9.08	4 1-	2 ACSR 6/1	0	0	920	301	13	0	1	0.00	4.74	0
22480032+	22480035	9.16	3 1-	2 ACSR 6/1	0	0	911	300	8	0	0	0.00	4.74	0
22480022+	22480032	9.23	1 1-	2 ACSR 6/1	0	0	903	299	1	0	0	0.00	4.74	0
22480026+	22480027	9.15	244 3-	1/0 ACSR 6/1	1201	1079	915	300	1019	23	10	0.04	3.29	21
22480005+	22480026	9.22	243 3-	1/0 ACSR 6/1	1192	1071	907	300	1017	23	10	0.03	3.30	15
D22-48-P018A+	22480005	9.22	4 1-	FUS-20	0	0	907	300	19	1	8	0.00	4.80	0
D22-48-P018B+	D22-48-P018A	9.22	4 1-	FUS-20	0	0	907	300	19	1	8	0.00	4.80	0
22480034+	D22-48-P018	9.27	4 1-	2 ACSR 6/1	0	0	902	299	19	1	1	0.00	4.80	0
22480006+	22480034	9.34	3 1-	2 ACSR 6/1	0	0	895	298	14	0	1	0.00	4.80	0
22480007+	22480006	9.39	1 1-	2 ACSR 6/1	0	0	889	298	2	0	0	0.00	4.80	0
22480008+	22480005	9.37	237 3-	1/0 ACSR 6/1	1175	1055	894	298	985	22	10	0.05	3.33	26
22480009+	22480008	9.42	235 3-	1/0 ACSR 6/1	1169	1049	889	298	978	22	10	0.02	3.34	10
22480018+	22480009	9.46	2 1-	2 ACSR 6/1	0	0	885	297	12	0	0	0.00	3.38	0
22480017+	22480009	9.48	232 3-	1/0 ACSR 6/1	1162	1043	883	297	959	22	10	0.02	3.35	10
D22-48-P051+	22480017	9.48	5 1-	FUS-20	0	0	883	297	21	1	8	0.00	4.89	0
22480033+	D22-48-P051	9.50	5 1-	2 ACSR 6/1	0	0	881	297	21	1	1	0.00	4.89	0
22480019+	22480033	9.55	3 1-	2 ACSR 6/1	0	0	876	297	11	0	0	0.00	4.89	0
22480020+	22480019	9.58	1 1-	2 ACSR 6/1	0	0	872	296	5	0	0	0.00	4.89	0
22480003+	22480017	9.54	227 3-	1/0 ACSR 6/1	1156	1038	879	297	938	21	9	0.02	3.36	9
22480021+	22480003	9.59	2 1-	2 ACSR 6/1	0	0	873	296	6	0	0	0.00	3.40	0
22480024+	22480003	9.58	221 3-	1/0 ACSR 6/1	1152	1033	875	297	907	20	9	0.01	3.37	6
22490003+	22480024	9.66	220 3-	1/0 ACSR 6/1	1143	1025	868	296	901	20	9	0.02	3.38	12
22490006+	22490003	9.75	217 3-	1/0 ACSR 6/1	1133	1016	860	295	894	20	9	0.03	3.40	14
D22-49-P003+	22490006	9.75	3 1-	FUS-20	0	0	860	295	16	1	6	0.00	3.45	0
22490026+	D22-49-P003	9.79	3 1-	2 ACSR 6/1	0	0	856	295	16	1	1	0.00	3.45	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22490001+	22490026	9.81	0 1-	2 ACSR 6/1	0	0	854	294	0	0	0	0.00	3.45	0
D22-49-P003A+	22490006	9.75	3 1-	FUS-20	0	0	860	295	20	1	8	0.00	4.97	0
22490002B+	D22-49-P003A	9.77	3 1-	2 ACSR 6/1	0	0	858	295	20	1	1	0.00	4.97	0
22490007+	22490028	9.80	2 1-	2 ACSR 6/1	0	0	855	295	11	0	0	0.00	4.97	0
22490004A+	22490007	9.93	1 1-	2 ACSR 6/1	0	0	842	293	6	0	0	0.00	4.97	0
22490005+	22490006	9.82	210 3-	1/0 ACSR 6/1	1126	1010	854	295	858	19	9	0.02	3.41	9
22490011+	22490005	9.88	207 3-	1/0 ACSR 6/1	1120	1004	849	294	844	19	8	0.02	3.42	8
D22-49-P008+	22490011	9.88	2 1-	FUS-20	0	0	849	294	7	0	3	0.00	3.47	0
22490029+	D22-49-P008	9.90	2 1-	2 ACSR 6/1	0	0	847	294	7	0	0	0.00	3.47	0
D22-49-P008A+	22490011	9.88	2 1-	FUS-20	0	0	849	294	10	0	4	0.00	5.00	0
22490027+	D22-49-P008A	9.93	2 1-	2 ACSR 6/1	0	0	844	294	10	0	0	0.00	5.00	0
22490025+	22490027	9.98	1 1-	2 ACSR 6/1	0	0	839	293	7	0	0	0.00	5.00	0
22490024+	22490027	9.96	1 1-	2 ACSR 6/1	0	0	841	293	3	0	0	0.00	5.00	0
22490008B+	22490024	10.02	0 1-	2 ACSR 6/1	0	0	835	293	0	0	0	0.00	5.00	0
22490013+	22490011	9.95	199 3-	1/0 ACSR 6/1	1112	997	843	294	809	18	8	0.02	3.43	9
22490009+	22490013	9.97	1 1-	2 ACSR 6/1	0	0	841	293	2	0	0	0.00	1.78	0
22490010+	22490009	10.03	0 1-	2 ACSR 6/1	0	0	835	293	0	0	0	0.00	1.78	0
22490018B+	22490013	10.03	198 3-	1/0 ACSR 6/1	1105	989	837	293	807	18	8	0.02	3.44	10
22390015+	22490018	10.09	196 3-	1/0 ACSR 6/1	1098	983	831	292	801	18	8	0.02	3.45	8
22390016B+	22390015	10.18	192 3-	1/0 ACSR 6/1	1089	975	825	292	780	17	8	0.02	3.46	11
22390004I+	22390016	10.24	192 3-	1/0 ACSR 6/1	1084	970	820	291	780	17	8	0.02	3.47	7
22390004Z+	22390041	10.28	192 3-	1/0 ACSR 6/1	1079	966	817	291	779	17	8	0.01	3.48	6
D22-39-P046+	22390042	10.28	3 1-	FUS-20	0	0	817	291	13	0	5	0.00	5.11	0
22390004O+	D22-39-P046	10.29	3 1-	2 ACSR 6/1	0	0	816	291	13	0	1	0.00	5.11	0
223900024+	22390040	10.36	2 1-	2 ACSR 6/1	0	0	810	290	9	0	0	0.00	5.11	0
223900025+	22390024	10.43	1 1-	2 ACSR 6/1	0	0	804	289	2	0	0	0.00	5.11	0
223900026+	22390042	10.33	184 3-	1/0 ACSR 6/1	1075	962	813	290	752	17	8	0.01	3.49	6
22390019+	22390026	10.39	184 3-	1/0 ACSR 6/1	1069	957	809	290	752	17	8	0.01	3.49	7
22390020A+	22390019	10.43	1 1-	2 ACSR 6/1	0	0	805	289	5	0	0	0.00	3.56	0
22390021+	22390019	10.44	182 3-	1/0 ACSR 6/1	1064	952	805	290	742	17	7	0.01	3.50	6
22390002Z+	22390021	10.50	177 3-	1/0 ACSR 6/1	1059	947	800	289	719	16	7	0.01	3.51	7
223900011+	22390022	10.55	173 3-	1/0 ACSR 6/1	1054	943	797	289	695	16	7	0.01	3.52	6
223900014+	22390011	10.58	171 3-	1/0 ACSR 6/1	1051	940	794	288	684	15	7	0.01	3.52	4
223900013Z+	22390014	10.66	168 3-	1/0 ACSR 6/1	1044	934	789	288	672	15	7	0.02	3.53	8
223900018+	22390013	10.71	167 3-	1/0 ACSR 6/1	1040	929	785	287	668	15	7	0.01	3.54	6
223900027+	22390018	10.76	1 1-	2 ACSR 6/1	0	0	781	287	2	0	0	0.00	3.63	0
223900029+	22390018	10.77	159 3-	1/0 ACSR 6/1	1034	924	781	287	643	14	6	0.01	3.54	7
223900030+	22390029	10.82	158 3-	1/0 ACSR 6/1	1030	920	777	287	636	14	6	0.01	3.55	5
223900033+	22390030	10.87	2 1-	2 ACSR 6/1	0	0	773	286	8	0	0	0.00	3.65	0
223900005+	22390030	10.93	156 3-	1/0 ACSR 6/1	1021	912	770	286	629	14	6	0.03	3.56	12
D22-39-P007+	22390005	10.93	89 1-	REC-50-E	0	0	770	286	407	28	57	0.00	5.27	0
22390006+	D22-39-P007	11.00	89 1-	2 ACSR 6/1	0	0	764	285	407	28	16	0.03	5.30	10
23320023+	22390006	11.04	2 1-	2 ACSR 6/1	0	0	760	284	11	0	0	0.00	5.30	0
23320022+	22390006	11.02	85 1-	2 ACSR 6/1	0	0	762	285	378	26	15	0.01	5.31	2
23320024+	23320022	11.09	84 1-	2 ACSR 6/1	0	0	756	284	370	25	14	0.03	5.34	9
23320025+	23320024	11.17	1 1-	2 ACSR 6/1	0	0	750	283	4	0	0	0.00	5.34	0
23320020+	23320024	11.24	80 1-	2 ACSR 6/1	0	0	745	282	357	24	14	0.05	5.39	15
23320021+	23320020	11.30	76 1-	2 ACSR 6/1	0	0	740	282	332	23	13	0.02	5.42	6
23320027+	23320021	11.35	3 1-	2 ACSR 6/1	0	0	736	281	4	0	0	0.00	5.42	0
23320026+	23320021	11.34	71 1-	2 ACSR 6/1	0	0	737	281	323	22	13	0.01	5.43	3
23320028+	23320026	11.37	71 1-	2 ACSR 6/1	0	0	735	281	323	22	13	0.01	5.44	3
23320029+	23320028	11.42	67 1-	2 ACSR 6/1	0	0	730	280	311	21	12	0.02	5.46	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
23320030+	23320029	11.51	65 1-	2 ACSR 6/1	0	0	724	279	304	21	12	0.03	5.49	7
23320031+	23320030	11.56	64 1-	2 ACSR 6/1	0	0	721	279	296	20	12	0.01	5.50	4
23320033+	23320031	11.66	62 1-	2 ACSR 6/1	0	0	713	278	279	19	11	0.03	5.53	7
23320036+	23320033	11.73	4 1-	2 ACSR 6/1	0	0	708	277	19	1	1	0.00	5.53	0
23320037+	23320036	11.77	4 1-	2 ACSR 6/1	0	0	706	277	19	1	1	0.00	5.53	0
23320038+	23320037	11.79	3 1-	2 ACSR 6/1	0	0	704	276	13	0	1	0.00	5.53	0
23320041+	23320038	11.80	2 1-	2 ACSR 6/1	0	0	703	276	13	0	0	0.00	5.53	0
23320040+	23320038	11.86	1 1-	2 ACSR 6/1	0	0	699	276	0	0	0	0.00	5.53	0
23320034+	23320033	11.68	55 1-	2 ACSR 6/1	0	0	711	278	242	16	9	0.01	5.54	1
23320035+	23320034	11.86	54 1-	2 ACSR 6/1	0	0	699	276	241	16	9	0.04	5.58	9
23320039+	23320035	11.94	1 1-	2 ACSR 6/1	0	0	694	275	4	0	0	0.00	5.58	0
23320018+	23320035	12.03	53 1-	2 ACSR 6/1	0	0	687	274	237	16	9	0.04	5.62	8
23320005+	23320018	12.10	52 1-	2 ACSR 6/1	0	0	683	273	230	16	9	0.02	5.64	3
23320007+	23320005	12.15	49 1-	2 ACSR 6/1	0	0	680	273	219	15	9	0.01	5.65	2
23320017+	23320007	12.20	1 1-	2 ACSR 6/1	0	0	676	272	0	0	0	0.00	5.65	0
23320008+	23320007	12.22	48 1-	2 ACSR 6/1	0	0	675	272	219	15	9	0.02	5.67	3
23320009+	23320008	12.28	47 1-	2 ACSR 6/1	0	0	671	271	213	14	8	0.01	5.68	2
23320014+	23320009	12.35	44 1-	2 ACSR 6/1	0	0	667	271	197	13	8	0.01	5.70	2
D23-22-P007+	23320014	12.35	13 1-	FUS-10	0	0	667	271	59	4	43	0.00	5.70	0
23320024+	D23-22-P007	12.38	13 1-	2 ACSR 6/1	0	0	665	270	59	4	2	0.00	5.70	0
23320015+	23320024	12.42	13 1-	2 ACSR 6/1	0	0	662	270	59	4	2	0.00	5.70	0
23320010+	23320015	12.47	12 1-	2 ACSR 6/1	0	0	659	270	55	3	2	0.00	5.70	0
23320011+	23320010	12.52	10 1-	2 ACSR 6/1	0	0	656	269	46	3	2	0.00	5.71	0
23320025+	23320011	12.57	2 1-	2 ACSR 6/1	0	0	653	269	10	0	0	0.00	5.71	0
23320026+	23320025	12.61	1 1-	2 ACSR 6/1	0	0	650	268	6	0	0	0.00	5.71	0
23320012+	23320011	12.61	7 1-	2 ACSR 6/1	0	0	651	268	31	2	1	0.00	5.71	0
23320019+	23320012	12.66	4 1-	2 ACSR 6/1	0	0	648	268	15	1	1	0.00	5.71	0
23320020+	23320019	12.72	1 1-	2 ACSR 6/1	0	0	644	267	4	0	0	0.00	5.71	0
23320018+	23320012	12.66	1 1-	2 ACSR 6/1	0	0	648	268	3	0	0	0.00	5.71	0
23320016+	23320015	12.47	1 1-	2 ACSR 6/1	0	0	659	270	3	0	0	0.00	5.70	0
23320003+	23320014	12.44	31 1-	2 ACSR 6/1	0	0	661	270	138	9	5	0.01	5.71	1
23320011+	23320003	12.55	2 1-	2 ACSR 6/1	0	0	654	269	14	0	1	0.00	5.71	0
23320009+	23320003	12.59	29 1-	2 ACSR 6/1	0	0	652	268	124	8	5	0.02	5.73	2
23320030+	23320009	12.68	1 1-	2 ACSR 6/1	0	0	647	268	8	0	0	0.00	5.73	0
23320031+	23320030	12.78	1 1-	2 ACSR 6/1	0	0	641	267	8	0	0	0.00	5.73	0
23320010+	23320009	12.66	28 1-	2 ACSR 6/1	0	0	648	268	116	8	5	0.01	5.74	0
23320015+	23320010	12.69	24 1-	2 ACSR 6/1	0	0	646	267	97	6	4	0.00	5.74	0
23320016+	23320015	12.72	19 1-	2 ACSR 6/1	0	0	644	267	81	5	3	0.00	5.74	0
23320018+	23320016	12.78	1 1-	2 ACSR 6/1	0	0	641	267	4	0	0	0.00	5.74	0
23320017+	23320016	12.77	16 1-	2 ACSR 6/1	0	0	641	267	64	4	2	0.00	5.75	0
D23-23-P053+	23320017	12.77	7 1-	FUS-10	0	0	641	267	27	1	19	0.00	5.75	0
23320028+	D23-23-P053	12.79	7 1-	2 ACSR 6/1	0	0	640	266	27	1	1	0.00	5.75	0
23320019+	23320028	12.88	5 1-	2 ACSR 6/1	0	0	635	266	17	1	1	0.00	5.75	0
23320020+	23320019	12.96	2 1-	2 ACSR 6/1	0	0	630	265	11	0	0	0.00	5.75	0
23320029+	23320017	12.80	9 1-	2 ACSR 6/1	0	0	639	266	37	2	1	0.00	5.75	0
D23-23-P038+	23320029	12.80	9 1-	FUS	0	0	639	266	37	2	59	0.00	5.75	0
23320027+	D23-23-P038	12.84	9 1-	2 ACSR 6/1	0	0	637	266	37	2	1	0.00	5.75	0
23320021+	23320027	12.90	6 1-	2 ACSR 6/1	0	0	634	265	19	1	1	0.00	5.75	0
23320034+	23320021	12.97	6 1-	2 ACSR 6/1	0	0	630	265	19	1	1	0.00	5.75	0
23320022+	23320034	13.05	5 1-	2 ACSR 6/1	0	0	625	264	14	0	1	0.00	5.75	0
23320026+	23320022	13.09	1 1-	2 ACSR 6/1	0	0	623	264	5	0	0	0.00	5.75	0
23320032+	23320026	13.21	1 1-	2 ACSR 6/1	0	0	616	262	5	0	0	0.00	5.75	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22190005+	22290017	12.86	4 1-	2 ACSR 6/1	0	0	636	266	9	0	0	0.00	3.95	0
22190006+	22190005	12.90	2 1-	2 ACSR 6/1	0	0	634	265	4	0	0	0.00	3.95	0
22190004+	22290017	12.88	0 1-	2 ACSR 6/1	0	0	635	266	0	0	0	0.00	3.95	0
22390007+	22390017	11.15	1 1-	2 ACSR 6/1	0	0	751	283	3	0	0	0.00	3.70	0
22390028+	22390018	10.76	4 1-	2 ACSR 6/1	0	0	781	287	12	0	0	0.00	5.22	0
22390032+	22390028	10.84	3 1-	2 ACSR 6/1	0	0	774	286	9	0	0	0.00	5.22	0
22390031+	22390028	10.79	1 1-	2 ACSR 6/1	0	0	778	286	3	0	0	0.00	5.22	0
22390012+	22390014	10.63	1 1-	2 ACSR 6/1	0	0	790	288	3	0	0	0.00	1.77	0
22390009+	22390022	10.55	3 1-	2 ACSR 6/1	0	0	796	288	18	1	1	0.00	1.78	0
22390010+	22390009	10.60	1 1-	2 ACSR 6/1	0	0	791	288	5	0	0	0.00	1.78	0
22390043+	22390041	10.29	0 1-	2 ACSR 6/1	0	0	815	291	0	0	0	0.00	5.10	0
22490002+	22490005	9.86	1 1-	2 ACSR 6/1	0	0	850	294	3	0	0	0.00	3.46	0
22480023+	22480003	9.58	2 1-	2 ACSR 6/1	0	0	874	296	13	0	1	0.00	4.90	0
22480011+	22480003	9.56	2 1-	2 ACSR 6/1	0	0	876	297	12	0	0	0.00	4.90	0
22480015+	22480013	8.57	2 1-	2 ACSR 6/1	0	0	972	305	6	0	0	0.00	3.20	0
22480039+	20852205	8.26	1 3-	1/0 ACSR 6/1	1315	1186	1008	308	6	0	0	0.00	3.10	0
22560031+	22560023	6.67	2 1-	2 ACSR 6/1	0	0	1233	322	10	0	0	0.00	2.83	0
22560032+	22560031	6.73	1 1-	2 ACSR 6/1	0	0	1220	321	5	0	0	0.00	2.83	0
22550018+	22550017	5.23	4 1-	2 ACSR 6/1	0	0	1538	336	21	1	1	0.00	2.54	0
22550019+	22550018	5.28	2 1-	2 ACSR 6/1	0	0	1523	336	9	0	0	0.00	2.54	0
22550020+	22550019	5.33	1 1-	2 ACSR 6/1	0	0	1510	335	5	0	0	0.00	2.54	0
22550015+	22550013	5.14	2 1-	2 ACSR 6/1	0	0	1563	337	5	0	0	0.00	3.23	0
22550016+	22550015	5.19	1 1-	2 ACSR 6/1	0	0	1547	337	5	0	0	0.00	3.23	0
22540027+	22540026	4.56	2 1-	2 ACSR 6/1	0	0	1721	342	6	0	0	0.00	2.42	0
22540020+	22540049	4.42	2 1-	2 ACSR 6/1	0	0	1765	343	8	0	0	0.00	2.40	0
22540041+	22540020	4.46	1 1-	2 ACSR 6/1	0	0	1748	343	8	0	0	0.00	2.40	0
22540040+	22540020	4.45	1 1-	2 ACSR 6/1	0	0	1754	343	1	0	0	0.00	2.40	0
22540044+	22540021	3.87	1 1-	2 ACSR 6/1	0	0	1940	347	2	0	0	0.00	2.32	0
22540038+	22540043	3.72	2 1-	2 ACSR 6/1	0	0	1993	348	12	0	0	0.00	2.30	0
22540037+	22540038	3.77	0 1-	2 ACSR 6/1	0	0	1970	347	0	0	0	0.00	2.30	0
22540019+	22540039	3.85	850 3-	336 ACSR 18/1	2340	2185	1971	348	5347	122	23	0.14	2.25	377
D22-54-P090+	22540019	3.85	850 3-	ER3-RVE-280/120	2340	2185	1971	348	5343	122	87	0.00	2.25	0
22540022+	D22-54-P090	3.92	850 3-	336 ACSR 18/1	2321	2165	1949	347	5343	122	23	0.04	2.28	105
D22-54-P007+	22540022	3.92	4 1-	FUS	0	0	1949	347	8	0	12	0.00	3.01	0
22540030+	D22-54-P007	3.96	4 1-	2 ACSR 6/1	0	0	1931	347	8	0	0	0.00	3.01	0
22540031+	22540030	4.32	3 1-	2 ACSR 6/1	0	0	1776	342	6	0	0	0.00	3.02	0
22530003+	22540031	4.38	2 1-	2 ACSR 6/1	0	0	1751	341	3	0	0	0.00	3.02	0
22530004+	22530003	4.59	2 1-	2 ACSR 6/1	0	0	1669	338	3	0	0	0.00	3.02	0
22540034+	22540022	4.01	846 3-	336 ACSR 18/1	2298	2143	1924	347	5335	122	23	0.05	2.31	122
22540046+	22540034	4.07	845 3-	336 ACSR 18/1	2284	2129	1908	347	5332	122	23	0.03	2.33	78
22540045+	22540046	4.09	844 3-	336 ACSR 18/1	2279	2123	1902	347	5327	121	23	0.01	2.34	29
22540032+	22540045	4.12	842 3-	336 ACSR 18/1	2270	2115	1892	347	5317	121	23	0.02	2.36	50
22540033+	22540032	4.29	840 3-	336 ACSR 18/1	2231	2076	1849	346	5299	121	23	0.08	2.42	224
22540023+	22540033	4.42	839 3-	336 ACSR 18/1	2200	2044	1814	345	5287	121	23	0.07	2.47	181
22630013+	22540023	4.46	838 3-	336 ACSR 18/1	2190	2035	1804	345	5278	120	23	0.02	2.49	57
22630014+	22630013	4.66	835 3-	336 ACSR 18/1	2144	1989	1755	344	5265	120	23	0.10	2.57	277
22630008+	22630014	4.74	834 3-	336 ACSR 18/1	2128	1973	1737	344	5259	120	23	0.04	2.60	105
22630009+	22630008	4.81	1 1-	2 ACSR 6/1	0	0	1713	343	3	0	0	0.00	3.44	0
22630010+	22630008	4.86	833 3-	336 ACSR 18/1	2102	1947	1709	343	5255	120	23	0.06	2.65	162
22630012+	22630010	4.93	830 3-	336 ACSR 18/1	2088	1933	1694	343	5236	120	23	0.03	2.67	93
22630016+	22630012	4.99	830 3-	336 ACSR 18/1	2076	1922	1682	342	5235	120	23	0.03	2.69	77
22630017+	22630016	5.05	829 3-	336 ACSR 18/1	2064	1909	1669	342	5232	120	23	0.03	2.72	82

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22630018+	22630017	5.08	2 1-	2 ACSR 6/1	0	0	1658	342	4	0	0	0.00	3.59	0
22630005+	22630017	5.22	827 3-	336 ACSR 18/1	2029	1875	1632	341	5228	119	23	0.09	2.79	237
22630002+	22630005	5.52	827 3-	336 ACSR 18/1	1972	1820	1574	340	5226	119	23	0.15	2.90	399
22730003+	22630020	6.87	827 3-	336 ACSR 18/1	1750	1604	1354	334	5222	119	23	0.67	3.42	1821
22840009+	22730003	6.89	827 3-	1/0 ACSR 6/1	1744	1599	1349	333	5205	119	52	0.03	3.44	103
D22-84-P050+	22840009	6.89	1 1-	FUS	0	0	1349	333	7	0	10	0.00	3.91	0
228400056+	D22-84-P050	6.93	1 1-	2 ACSR 6/1	0	0	1341	333	7	0	0	0.00	3.91	0
228400026+	22840009	7.68	826 3-	1/0 ACSR 6/1	1579	1438	1208	325	5197	119	52	1.01	4.24	3340
228400027+	22840026	7.93	823 3-	1/0 ACSR 6/1	1532	1393	1168	323	5160	119	52	0.32	4.50	1063
D22-84-P067+	22840027	7.93	107 1-	REC-50-E	0	0	1168	323	392	27	55	0.00	5.06	0
22840010+	D22-84-P067	8.04	107 1-	2 ACSR 6/1	0	0	1149	322	392	27	15	0.05	5.11	15
228400040+	22840010	8.09	1 1-	2 ACSR 6/1	0	0	1140	321	6	0	0	0.00	5.11	0
228400033+	22840010	8.12	106 1-	2 ACSR 6/1	0	0	1134	320	386	26	15	0.03	5.14	11
228400022+	22840033	8.26	98 1-	2 ACSR 6/1	0	0	1111	319	341	23	13	0.05	5.19	14
228400023+	22840022	8.34	97 1-	2 ACSR 6/1	0	0	1099	318	338	23	13	0.03	5.22	8
D22-84-P004+	22840023	8.34	1 1-	FUS-20	0	0	1099	318	5	0	2	0.00	5.22	0
228400054+	D22-84-P004	8.43	1 1-	2 ACSR 6/1	0	0	1085	316	5	0	0	0.00	5.22	0
228400024+	22840054	8.51	1 1-	2 ACSR 6/1	0	0	1072	315	5	0	0	0.00	5.22	0
228400011+	22840023	8.37	96 1-	2 ACSR 6/1	0	0	1093	317	332	23	13	0.01	5.23	3
D22-84-P085+	22840011	8.37	3 1-	FUS-20	0	0	1093	317	12	0	4	0.00	5.23	0
228400053+	D22-84-P085	8.45	3 1-	2 ACSR 6/1	0	0	1081	316	12	0	0	0.00	5.23	0
228400041+	22840053	8.69	1 1-	2 ACSR 6/1	0	0	1046	313	2	0	0	0.00	5.23	0
228400025+	22840053	8.53	1 1-	2 ACSR 6/1	0	0	1069	315	5	0	0	0.00	5.23	0
228400043+	22840011	8.50	93 1-	2 ACSR 6/1	0	0	1074	315	321	22	12	0.04	5.28	11
228400044+	22840043	8.59	91 1-	2 ACSR 6/1	0	0	1060	314	314	21	12	0.03	5.31	7
228400061+	22840044	8.67	0 1-	2 ACSR 6/1	0	0	1048	313	0	0	0	0.00	5.31	0
228400014+	22840044	8.95	90 1-	2 ACSR 6/1	0	0	1008	310	305	21	12	0.12	5.42	29
229300007+	22840014	9.06	90 1-	2 ACSR 6/1	0	0	994	308	305	21	12	0.03	5.46	8
229300008+	22930007	9.15	87 1-	2 ACSR 6/1	0	0	982	307	300	20	12	0.03	5.49	7
229300002+	22930008	9.20	86 1-	2 ACSR 6/1	0	0	974	306	299	20	12	0.02	5.50	4
229300003+	22930002	9.26	85 1-	2 ACSR 6/1	0	0	967	306	299	20	11	0.02	5.52	4
229300009+	22930003	9.40	83 1-	2 ACSR 6/1	0	0	950	304	289	20	11	0.04	5.56	10
229300010+	22930009	9.48	81 1-	2 ACSR 6/1	0	0	939	303	283	19	11	0.03	5.59	6
229300011+	22930010	9.64	80 1-	2 ACSR 6/1	0	0	921	301	282	19	11	0.05	5.63	10
229300006+	22930011	9.70	1 1-	2 ACSR 6/1	0	0	914	300	0	0	0	0.00	5.63	0
229300005+	22930011	9.71	78 1-	2 ACSR 6/1	0	0	912	300	274	19	11	0.02	5.66	5
28030014+	22930005	9.76	3 1-	2 ACSR 6/1	0	0	906	300	7	0	0	0.00	5.66	0
28030016+	28030014	9.82	1 1-	2 ACSR 6/1	0	0	900	299	6	0	0	0.00	5.66	0
28030015+	28030014	9.80	1 1-	2 ACSR 6/1	0	0	902	299	0	0	0	0.00	5.66	0
280300005+	22930005	9.76	75 1-	2 ACSR 6/1	0	0	906	300	267	18	10	0.01	5.67	3
280300006+	28030005	9.82	75 1-	2 ACSR 6/1	0	0	900	299	267	18	10	0.02	5.69	3
D28-03-P003+	28030006	9.82	75 1-	FUS	0	0	900	299	267	18	425	0.00	5.69	0
280300004+	D28-03-P003	9.87	75 1-	2 ACSR 6/1	0	0	895	298	267	18	10	0.01	5.70	3
280300007+	28030004	10.07	75 1-	2 ACSR 6/1	0	0	873	296	267	18	10	0.06	5.76	12
280300008+	28030007	10.13	73 1-	2 ACSR 6/1	0	0	866	295	264	18	10	0.02	5.78	4
280300010+	28030008	10.20	2 1-	2 ACSR 6/1	0	0	859	295	5	0	0	0.00	5.78	0
280300009+	28030008	10.32	71 1-	2 ACSR 6/1	0	0	847	293	258	18	10	0.05	5.83	11
20851289+	28030009	10.67	2 1-	2 ACSR 6/1	0	0	816	289	7	0	0	0.00	5.83	0
281300004+	28030009	10.78	69 1-	2 ACSR 6/1	0	0	804	288	252	17	10	0.12	5.95	25
281300010+	28130004	11.16	7 1-	2 ACSR 6/1	0	0	770	284	31	2	1	0.01	5.96	0
281300011+	28130010	11.23	6 1-	2 ACSR 6/1	0	0	764	283	23	1	1	0.00	5.96	0
20851292+	28130011	11.38	5 1-	2 ACSR 6/1	0	0	752	281	22	1	1	0.00	5.97	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851295+	20851292	11.41	1 1-	2 ACSR 6/1	0	0	749	281	2	0	0	0.00	5.97	0
28130013+	20851292	11.56	0 1-	2 ACSR 6/1	0	0	738	280	0	0	0	0.00	5.97	0
20851296+	20851292	11.41	4 1-	2 ACSR 6/1	0	0	750	281	20	1	1	0.00	5.97	0
20851298+	20851296	11.53	1 1-	2 ACSR 6/1	0	0	740	280	1	0	0	0.00	5.97	0
20851297+	20851296	11.45	1 1-	2 ACSR 6/1	0	0	747	281	7	0	0	0.00	5.97	0
28130012+	28130010	11.21	1 1-	2 ACSR 6/1	0	0	766	283	8	0	0	0.00	5.96	0
28130003+	28130004	11.10	62 1-	2 ACSR 6/1	0	0	776	284	220	15	9	0.08	6.02	14
28130017+	28130003	11.22	1 1-	2 ACSR 6/1	0	0	766	283	5	0	0	0.00	6.02	0
28130016+	28130003	11.19	61 1-	2 ACSR 6/1	0	0	768	284	214	15	8	0.02	6.05	4
20851290+	28130016	11.25	1 1-	2 ACSR 6/1	0	0	763	283	4	0	0	0.00	6.05	0
28130014+	28130016	11.32	60 1-	2 ACSR 6/1	0	0	757	282	210	14	8	0.03	6.08	5
28230026+	28130014	11.36	8 1-	2 ACSR 6/1	0	0	754	282	31	2	1	0.00	6.08	0
28230030+	28230026	11.44	7 1-	2 ACSR 6/1	0	0	748	281	26	1	1	0.00	6.08	0
28230027+	28230030	11.61	6 1-	2 ACSR 6/1	0	0	734	279	22	1	1	0.00	6.08	0
28230033+	28230027	12.15	4 1-	2 ACSR 6/1	0	0	695	273	13	0	0	0.01	6.09	0
28120003+	28230033	12.34	4 1-	2 ACSR 6/1	0	0	682	272	13	0	0	0.00	6.09	0
20851287+	28120003	12.41	3 1-	2 ACSR 6/1	0	0	677	271	9	0	0	0.00	6.09	0
20851288+	20851287	12.58	2 1-	2 ACSR 6/1	0	0	666	269	7	0	0	0.00	6.09	0
28120002+	28120003	12.53	1 1-	2 ACSR 6/1	0	0	670	270	4	0	0	0.00	6.09	0
28230028+	28230027	11.72	2 1-	2 ACSR 6/1	0	0	726	278	10	0	0	0.00	6.08	0
28230025+	28230028	11.79	1 1-	2 ACSR 6/1	0	0	721	277	0	0	0	0.00	6.08	0
28230032+	28130014	11.38	50 1-	2 ACSR 6/1	0	0	752	281	176	12	7	0.01	6.09	1
28230022+	28230032	11.56	49 1-	2 ACSR 6/1	0	0	738	280	160	11	6	0.03	6.12	4
28230024+	28230022	11.69	1 1-	2 ACSR 6/1	0	0	728	278	6	0	0	0.00	6.12	0
28230023+	28230022	11.61	48 1-	2 ACSR 6/1	0	0	734	279	155	10	6	0.01	6.13	0
D28-23-P019+	28230023	11.61	44 1-	REC-25-E	0	0	734	279	147	10	41	0.00	6.13	0
28230018+	D28-23-P019	11.71	44 1-	2 ACSR 6/1	0	0	727	278	147	10	6	0.01	6.14	2
28230020+	28230018	12.36	43 1-	2 ACSR 6/1	0	0	681	271	140	9	5	0.10	6.24	11
28230021+	28230020	12.40	42 1-	2 ACSR 6/1	0	0	678	271	137	9	5	0.01	6.24	0
28230019+	28230021	12.97	41 1-	2 ACSR 6/1	0	0	642	265	131	9	5	0.08	6.32	9
28340044+	28230019	13.06	37 1-	2 ACSR 6/1	0	0	637	265	125	8	5	0.01	6.33	1
28340014+	28340044	13.13	30 1-	2 ACSR 6/1	0	0	634	264	107	7	4	0.01	6.34	0
28340016+	28340014	13.23	2 1-	2 ACSR 6/1	0	0	627	263	11	0	0	0.00	6.34	0
28340052+	28340016	13.29	1 1-	2 ACSR 6/1	0	0	624	262	3	0	0	0.00	6.34	0
28340053+	28340052	13.38	1 1-	2 ACSR 6/1	0	0	619	262	3	0	0	0.00	6.34	0
28340054+	28340053	13.50	1 1-	2 ACSR 6/1	0	0	613	261	3	0	0	0.00	6.34	0
28340009+	28340054	13.54	1 1-	2 ACSR 6/1	0	0	611	260	3	0	0	0.00	6.34	0
28340006+	28340054	13.89	0 1-	2 ACSR 6/1	0	0	592	257	0	0	0	0.00	6.34	0
28340015+	28340014	13.19	25 1-	2 ACSR 6/1	0	0	630	263	83	5	3	0.01	6.35	0
28340013+	28340015	13.22	24 1-	2 ACSR 6/1	0	0	628	263	77	5	3	0.00	6.35	0
28340010+	28340013	13.30	22 1-	2 ACSR 6/1	0	0	624	262	74	5	3	0.01	6.35	0
28340019+	28340010	13.33	21 1-	2 ACSR 6/1	0	0	622	262	71	4	3	0.00	6.36	0
28340020+	28340019	13.38	21 1-	2 ACSR 6/1	0	0	619	262	71	4	3	0.00	6.36	0
28340026+	28340020	13.43	0 1-	2 ACSR 6/1	0	0	617	261	0	0	0	0.00	6.36	0
28340024+	28340020	13.45	20 1-	2 ACSR 6/1	0	0	615	261	65	4	3	0.01	6.37	0
28340025+	28340024	13.54	19 1-	2 ACSR 6/1	0	0	610	260	65	4	3	0.01	6.37	0
28340022+	28340025	13.58	3 1-	2 ACSR 6/1	0	0	608	260	8	0	0	0.00	6.37	0
28340023+	28340022	13.68	3 1-	2 ACSR 6/1	0	0	603	259	8	0	0	0.00	6.37	0
28340021+	28340025	13.58	1 1-	2 ACSR 6/1	0	0	608	260	2	0	0	0.00	6.37	0
28340050+	28340025	13.61	15 1-	2 ACSR 6/1	0	0	607	259	55	3	2	0.00	6.38	0
28340051+	28340050	13.67	14 1-	2 ACSR 6/1	0	0	603	259	51	3	2	0.00	6.38	0
28340045+	28340051	13.73	2 1-	2 ACSR 6/1	0	0	601	258	6	0	0	0.00	6.38	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
28340046+	28340045	13.77	1 1-	2 ACSR 6/1	0	0	598	258	3	0	0	0.00	6.38	0
28340041+	28340051	13.75	12 1-	2 ACSR 6/1	0	0	599	258	45	3	2	0.00	6.38	0
28340042+	28340041	13.79	10 1-	2 ACSR 6/1	0	0	597	258	35	2	1	0.00	6.38	0
28340047+	28340042	13.84	1 1-	2 ACSR 6/1	0	0	595	257	8	0	0	0.00	6.38	0
28340011+	28340042	13.83	8 1-	2 ACSR 6/1	0	0	595	257	23	1	1	0.00	6.38	0
28340012+	28340011	13.85	7 1-	2 ACSR 6/1	0	0	594	257	19	1	1	0.00	6.38	0
28440006+	28340012	13.91	2 1-	2 ACSR 6/1	0	0	591	257	7	0	0	0.00	6.38	0
28440010+	28340012	13.92	2 1-	2 ACSR 6/1	0	0	591	257	4	0	0	0.00	6.38	0
28440009+	28440010	13.98	2 1-	2 ACSR 6/1	0	0	588	256	4	0	0	0.00	6.39	0
28440008+	28440009	14.32	1 1-	2 ACSR 6/1	0	0	571	253	3	0	0	0.00	6.39	0
28440007+	28340012	13.92	3 1-	2 ACSR 6/1	0	0	590	257	8	0	0	0.00	6.39	0
28340008+	28440007	14.01	2 1-	2 ACSR 6/1	0	0	586	256	6	0	0	0.00	6.39	0
28340049+	28340044	13.12	6 1-	2 ACSR 6/1	0	0	634	264	16	1	1	0.00	6.33	0
28340018+	28340049	13.17	4 1-	2 ACSR 6/1	0	0	631	264	12	0	0	0.00	6.33	0
28340017+	28340018	13.21	3 1-	2 ACSR 6/1	0	0	628	263	10	0	0	0.00	6.33	0
28340007+	28230019	13.03	4 1-	2 ACSR 6/1	0	0	639	265	6	0	0	0.00	6.32	0
28340048+	28340007	13.31	2 1-	2 ACSR 6/1	0	0	623	262	1	0	0	0.00	6.32	0
28330004+	28340048	13.40	1 1-	2 ACSR 6/1	0	0	618	261	0	0	0	0.00	6.32	0
28330003+	28330004	13.47	1 1-	2 ACSR 6/1	0	0	614	261	0	0	0	0.00	6.32	0
28340043+	28340007	13.09	2 1-	2 ACSR 6/1	0	0	635	264	5	0	0	0.00	6.32	0
D28-23-P019A+	28230023	11.61	2 1-	REC-25-E	0	0	734	279	4	0	1	0.00	6.13	0
28230017+	D28-23-P019A	11.74	2 1-	2 ACSR 6/1	0	0	724	278	4	0	0	0.00	6.13	0
28230031+	28130014	11.51	2 1-	2 ACSR 6/1	0	0	742	280	4	0	0	0.00	6.08	0
28230029+	28230031	11.55	1 1-	2 ACSR 6/1	0	0	739	280	3	0	0	0.00	6.08	0
28030003+	28030004	9.91	0 1-	2 ACSR 6/1	0	0	891	298	0	0	0	0.00	5.70	0
22930004+	22930003	9.32	2 1-	2 ACSR 6/1	0	0	960	305	3	0	0	0.00	5.52	0
22840013+	22840033	8.18	5 1-	2 ACSR 6/1	0	0	1125	320	28	1	1	0.00	5.15	0
22840042+	22840013	8.23	3 1-	2 ACSR 6/1	0	0	1116	319	15	1	1	0.00	5.15	0
22840018+	22840013	8.32	2 1-	2 ACSR 6/1	0	0	1102	318	13	0	1	0.00	5.15	0
22840019+	22840018	8.35	1 1-	2 ACSR 6/1	0	0	1097	317	7	0	0	0.00	5.15	0
22840012+	22840013	8.25	0 1-	2 ACSR 6/1	0	0	1113	319	0	0	0	0.00	5.15	0
22840028+	22840027	8.08	716 3-	1/0 ACSR 6/1	1505	1367	1146	322	4758	110	48	0.21	4.64	559
22840029+	22840028	8.16	715 3-	1/0 ACSR 6/1	1489	1352	1133	321	4748	110	48	0.12	4.72	330
22840030+	22840029	8.23	715 3-	1/0 ACSR 6/1	1479	1342	1124	320	4745	110	48	0.09	4.78	235
D22-84-P017+	22840030	8.23	2 1-	FUS-20	0	0	1124	320	12	0	5	0.00	2.75	0
22840055+	D22-84-P017	8.28	2 1-	2 ACSR 6/1	0	0	1116	319	12	0	0	0.00	2.75	0
22840052+	22840055	8.31	1 1-	2 ACSR 6/1	0	0	1110	319	4	0	0	0.00	2.75	0
22840051+	22840055	8.49	1 1-	2 ACSR 6/1	0	0	1082	317	8	0	0	0.00	2.75	0
22840031+	22840030	8.36	713 3-	1/0 ACSR 6/1	1456	1321	1106	319	4730	110	48	0.18	4.90	491
22840032+	22840031	8.45	712 3-	1/0 ACSR 6/1	1442	1307	1094	318	4723	110	48	0.12	4.98	321
D22-84-P020+	22840032	8.45	7 1-	FUS	0	0	1094	318	30	2	47	0.00	5.50	0
22840035+	D22-84-P020	8.49	7 1-	2 ACSR 6/1	0	0	1087	317	30	2	1	0.00	5.50	0
22840036+	22840035	8.58	7 1-	2 ACSR 6/1	0	0	1073	316	30	2	1	0.00	5.50	0
22840037+	22840036	8.62	1 1-	2 ACSR 6/1	0	0	1067	316	6	0	0	0.00	5.50	0
22840007+	22840036	8.65	6 1-	2 ACSR 6/1	0	0	1063	315	24	1	1	0.00	5.50	0
22840038+	22840007	8.72	1 1-	2 ACSR 6/1	0	0	1052	314	7	0	0	0.00	5.50	0
22840039+	22840038	8.81	0 1-	2 ACSR 6/1	0	0	1039	313	0	0	0	0.00	5.50	0
22840021+	22840007	8.78	5 1-	2 ACSR 6/1	0	0	1043	314	17	1	1	0.00	5.50	0
22840034+	22840021	8.87	4 1-	2 ACSR 6/1	0	0	1031	313	8	0	0	0.00	5.50	0
22840059+	22840032	8.49	705 3-	2 ACSR 6/1	1434	1300	1088	318	4691	109	61	0.08	5.04	231
22840060+	22840059	8.60	704 3-	2 ACSR 6/1	1412	1278	1070	316	4683	109	61	0.24	5.20	681
20850113+	22840060	8.71	498 3-	1/0 ACSR 6/1	1396	1262	1057	315	3876	90	39	0.11	5.28	256

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22850042+	20850113	8.91	497 3-	1/0 ACSR 6/1	1365	1233	1032	313	3867	90	39	0.22	5.43	505
D22-85-P122+	22850042	8.91	0 1-	FUS	0	0	1032	313	0	0	0	0.00	7.23	0
228500081+	D22-85-P122	8.98	0 1-	2 ACSR 6/1	0	0	1021	312	0	0	0	0.00	7.23	0
228500037+	22850042	8.95	3 1-	2 ACSR 6/1	0	0	1026	313	29	2	1	0.00	5.92	0
228500026+	22850042	8.95	494 3-	1/0 ACSR 6/1	1358	1227	1026	313	3834	89	39	0.05	5.47	118
228500038+	22850026	8.99	8 1-	2 ACSR 6/1	0	0	1021	312	30	2	1	0.00	7.29	0
228500039+	22850038	9.04	7 1-	2 ACSR 6/1	0	0	1014	312	23	1	1	0.00	7.29	0
228500084+	22850039	9.15	3 1-	2 ACSR 6/1	0	0	999	310	13	0	1	0.00	7.29	0
228500036+	22850084	9.19	3 1-	2 ACSR 6/1	0	0	994	310	13	0	1	0.00	7.29	0
228500027+	22850026	9.00	486 3-	1/0 ACSR 6/1	1351	1220	1021	312	3802	89	39	0.05	5.51	114
228500040+	22850027	9.07	486 3-	1/0 ACSR 6/1	1342	1211	1013	312	3801	89	39	0.07	5.55	157
228500082+	22850040	9.10	2 3-	2 ACSR 6/1	1336	1206	1008	311	316	7	4	0.00	5.56	0
228500083+	22850082	9.15	2 3-	25 KV 1/0 URD X	1332	1202	1006	602	316	7	4	0.00	5.56	0
22850420+	22850083	9.15	2 3-	Consumer	1332	1202	1006	602	316	7	0	0.00	5.56	0
228500043+	22850040	9.15	484 3-	1/0 ACSR 6/1	1329	1199	1003	311	3484	81	35	0.09	5.61	181
228500047+	22850043	9.30	4 1-	2 ACSR 6/1	0	0	984	309	18	1	1	0.00	6.10	0
D22-85-P014+	22850047	9.30	1 1-	FUS-15	0	0	984	309	3	0	2	0.00	6.10	0
228500076+	D22-85-P014	9.51	1 1-	2 ACSR 6/1	0	0	958	307	3	0	0	0.00	6.10	0
228500067+	22850047	9.35	1 1-	2 ACSR 6/1	0	0	977	308	6	0	0	0.00	6.10	0
228500023+	22850043	9.27	478 3-	1/0 ACSR 6/1	1313	1184	990	310	3357	78	34	0.12	5.69	228
D22-85-P080+	22850023	9.27	0 1-	FUS	0	0	990	310	0	0	0	0.00	7.61	0
228500080+	D22-85-P080	9.44	0 1-	2 ACSR 6/1	0	0	969	308	0	0	0	0.00	7.61	0
228500058+	22850023	9.30	478 3-	1/0 ACSR 6/1	1309	1180	987	310	3355	78	34	0.03	5.71	50
228500048+	22850058	9.40	477 3-	1/0 ACSR 6/1	1296	1168	976	309	3346	78	34	0.10	5.77	184
228500049+	22850048	9.42	476 3-	1/0 ACSR 6/1	1293	1165	973	309	3337	78	34	0.02	5.79	47
228500032+	22850049	9.49	471 3-	1/0 ACSR 6/1	1283	1156	966	308	3255	76	33	0.07	5.83	126
D22-85-P039+	22850032	9.49	3 1-	FUS-20	0	0	966	308	21	1	8	0.00	7.83	0
228500078+	D22-85-P039	9.56	3 1-	2 ACSR 6/1	0	0	957	307	21	1	1	0.00	7.83	0
228500033+	22850078	9.60	2 1-	2 ACSR 6/1	0	0	953	307	16	1	1	0.00	7.83	0
228500034+	22850033	9.65	1 1-	2 ACSR 6/1	0	0	946	306	9	0	0	0.00	7.83	0
228500063+	22850032	9.56	466 3-	1/0 ACSR 6/1	1274	1147	959	307	3225	75	33	0.07	5.88	127
228500065+	22850063	9.65	4 1-	2 ACSR 6/1	0	0	948	306	19	1	1	0.00	7.90	0
228500064+	22850063	9.62	460 3-	1/0 ACSR 6/1	1266	1140	952	307	3195	74	33	0.06	5.91	109
228500054+	22850064	9.70	458 3-	1/0 ACSR 6/1	1256	1131	944	306	3185	74	32	0.07	5.96	134
D22-85-P053+	22850054	9.70	3 1-	FUS-20	0	0	944	306	13	0	5	0.00	8.03	0
228500079+	D22-85-P053	9.74	3 1-	2 ACSR 6/1	0	0	940	306	13	0	1	0.00	8.03	0
228500055+	22850079	9.79	2 1-	2 ACSR 6/1	0	0	934	305	13	0	0	0.00	8.03	0
228500057+	22850055	9.92	1 1-	2 ACSR 6/1	0	0	918	303	8	0	0	0.00	8.03	0
228500056+	22850055	9.83	1 1-	2 ACSR 6/1	0	0	929	304	5	0	0	0.00	8.03	0
228500061+	22850054	9.75	455 3-	1/0 ACSR 6/1	1250	1125	935	305	3170	74	32	0.05	5.99	82
228500062+	22850061	9.79	454 3-	1/0 ACSR 6/1	1245	1120	939	306	3162	74	32	0.04	6.02	78
D22-85-P057+	22850062	9.79	5 1-	FUS	0	0	935	305	25	1	38	0.00	3.45	0
228500059+	D22-85-P057	9.84	5 1-	2 ACSR 6/1	0	0	930	305	25	1	1	0.00	3.45	0
228500060+	22850059	9.90	4 1-	2 ACSR 6/1	0	0	922	304	22	1	1	0.00	3.45	0
20852304+	22850060	10.09	4 1-	2 ACSR 6/1	0	0	901	302	22	1	1	0.00	3.45	0
20852139+	20852304	10.23	3 1-	2 ACSR 6/1	0	0	886	300	19	1	1	0.00	3.45	0
228600006+	20852139	10.49	1 1-	2 ACSR 6/1	0	0	858	297	6	0	0	0.00	3.46	0
228600007+	22860006	10.74	1 1-	2 ACSR 6/1	0	0	834	294	6	0	0	0.00	3.46	0
228600008+	20852139	10.27	1 1-	2 ACSR 6/1	0	0	882	299	5	0	0	0.00	3.45	0
228600003+	20852139	10.28	1 1-	2 ACSR 6/1	0	0	880	299	8	0	0	0.00	3.45	0
228500068+	22850062	9.87	449 3-	1/0 ACSR 6/1	1235	1110	927	304	3137	73	32	0.08	6.07	137
227500008+	22850068	9.96	448 3-	1/0 ACSR 6/1	1225	1101	919	304	3127	73	32	0.08	6.12	142

Case: 2007 - 2010 CONSTRUCTION WORK PLAN - EXISTING WINTER 2006/07 SYSTEM
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D22-75-P002+	22750008	9.96	5 1-	FUS	0	0	919	304	29	1	45	0.00	3.49	0
22750016+	D22-75-P002	10.03	5 1-	2 ACSR 6/1	0	0	910	303	29	1	1	0.00	3.49	0
22750010+	22750016	10.11	4 1-	2 ACSR 6/1	0	0	902	302	20	1	1	0.00	3.49	0
22750011+	22750010	10.19	2 1-	2 ACSR 6/1	0	0	893	301	11	0	0	0.00	3.49	0
22750012+	22750011	10.27	1 1-	2 ACSR 6/1	0	0	885	300	5	0	0	0.00	3.49	0
22750013+	22750008	10.04	443 3-	1/0 ACSR 6/1	1214	1091	911	303	3097	72	32	0.08	6.17	148
22750004+	22750013	10.14	441 3-	1/0 ACSR 6/1	1203	1080	902	302	3089	72	32	0.09	6.23	159
22750005+	22750004	10.18	440 3-	1/0 ACSR 6/1	1197	1075	897	302	3081	72	31	0.04	6.25	79
22750007+	22750005	10.24	439 3-	1/0 ACSR 6/1	1191	1069	892	301	3076	72	31	0.05	6.29	94
D22-76-P001+	22750007	10.24	439 3-	ER3-RVE-200/100	1191	1069	892	301	3075	72	72	0.00	6.29	0
20850048+	D22-76-P001	10.27	439 3-	1/0 ACSR 6/1	1188	1067	890	301	3075	72	31	0.02	6.30	41
20850016+	20850048	10.36	1 1-	2 ACSR 6/1	0	0	880	300	5	0	0	0.00	3.57	0
20850047+	20850048	10.49	438 3-	1/0 ACSR 6/1	1163	1043	870	299	3069	72	31	0.21	6.44	376
20850017+	20850047	10.66	0 1-	2 ACSR 6/1	0	0	853	297	0	0	0	0.00	8.78	0
22760018+	20850047	10.55	438 3-	1/0 ACSR 6/1	1156	1037	865	299	3066	72	31	0.05	6.47	96
22760019+	22760018	10.59	438 3-	1/0 ACSR 6/1	1152	1032	861	298	3065	72	31	0.04	6.50	76
D22-76-P020+	22760019	10.59	5 1-	FUS	0	0	861	298	18	1	30	0.00	8.87	0
20850018+	D22-76-P020	10.61	5 1-	2 ACSR 6/1	0	0	860	298	18	1	1	0.00	8.87	0
20850019+	20850018	10.75	4 1-	2 ACSR 6/1	0	0	846	296	11	0	0	0.00	8.88	0
20850021+	20850019	10.85	1 1-	2 ACSR 6/1	0	0	836	295	1	0	0	0.00	8.88	0
20850020+	20850019	10.79	1 1-	2 ACSR 6/1	0	0	842	296	3	0	0	0.00	8.88	0
22760020+	22760019	10.66	433 3-	1/0 ACSR 6/1	1145	1026	856	298	3046	71	31	0.06	6.54	104
20850022+	22760020	10.69	1 1-	2 ACSR 6/1	0	0	852	297	7	0	0	0.00	8.93	0
22760045+	22760020	10.69	6 1-	2 ACSR 6/1	0	0	853	297	25	1	1	0.00	7.01	0
22760051+	22760045	10.83	5 1-	2 ACSR 6/1	0	0	839	296	22	1	1	0.00	7.02	0
22760052+	22760051	10.86	4 1-	2 ACSR 6/1	0	0	836	295	14	0	1	0.00	7.02	0
22760023+	22760020	10.77	426 3-	1/0 ACSR 6/1	1133	1015	847	297	3013	71	31	0.10	6.60	176
20850150+	22760023	10.79	425 3-	1/0 ACSR 6/1	1130	1013	845	297	3001	70	31	0.03	6.62	46
20850151+	20850150	10.91	424 3-	1/0 ACSR 6/1	1118	1001	835	296	2994	70	31	0.11	6.68	186
22760044+	20850151	10.96	1 1-	2 ACSR 6/1	0	0	830	295	5	0	0	0.00	7.16	0
22760029+	22760044	11.04	0 1-	2 ACSR 6/1	0	0	823	294	0	0	0	0.00	7.16	0
22760027+	20850151	10.94	423 3-	1/0 ACSR 6/1	1115	998	833	295	2987	70	31	0.03	6.70	51
22760030+	22760027	11.08	422 3-	1/0 ACSR 6/1	1101	986	822	294	2981	70	31	0.13	6.78	219
D22-76-P026+	22760030	11.08	1 1-	FUS-40	0	0	822	294	10	0	2	0.00	7.26	0
22760031+	D22-76-P026	11.18	1 1-	2 ACSR 6/1	0	0	812	293	10	0	0	0.00	7.26	0
22760032+	22760030	11.18	421 3-	1/0 ACSR 6/1	1092	977	814	293	2969	70	30	0.09	6.84	155
22760033+	22760032	11.32	420 3-	1/0 ACSR 6/1	1077	964	803	292	2967	70	30	0.13	6.92	231
D22-76-P029+	22760033	11.32	7 1-	FUS	0	0	803	292	25	1	40	0.00	7.40	0
22760048+	D22-76-P029	11.48	7 1-	2 ACSR 6/1	0	0	790	290	25	1	1	0.00	7.41	0
22660001+	22760048	11.54	7 1-	2 ACSR 6/1	0	0	785	290	25	1	1	0.00	7.41	0
22660009+	22660001	11.59	3 1-	2 ACSR 6/1	0	0	780	289	15	1	1	0.00	7.41	0
22660010+	22660009	11.66	1 1-	2 ACSR 6/1	0	0	774	288	6	0	0	0.00	7.41	0
22660002+	22660001	11.56	3 1-	2 ACSR 6/1	0	0	783	289	5	0	0	0.00	7.41	0
22660003+	22660002	11.58	2 1-	2 ACSR 6/1	0	0	781	289	5	0	0	0.00	7.41	0
22660004+	22660003	11.63	1 1-	2 ACSR 6/1	0	0	777	289	0	0	0	0.00	7.41	0
22760034+	22760033	11.40	412 3-	1/0 ACSR 6/1	1071	957	798	291	2939	69	30	0.07	6.96	111
22760036+	22760034	11.43	411 3-	1/0 ACSR 6/1	1067	954	795	291	2932	69	30	0.03	6.98	57
22760037+	22760036	11.50	409 3-	1/0 ACSR 6/1	1061	949	791	291	2919	69	30	0.06	7.02	98
22760038+	22760037	11.58	2 1-	2 ACSR 6/1	0	0	783	290	7	0	0	0.00	9.71	0
22760021+	22760037	11.54	407 3-	1/0 ACSR 6/1	1058	945	788	290	2911	68	30	0.04	7.04	61
22760028+	22760021	11.55	397 3-	1/0 ACSR 6/1	1057	944	787	290	2863	67	29	0.01	7.05	14

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22760047+	22760043	11.61	396 3-	1/0 ACSR 6/1	1051	939	783	290	2861	67	29	0.03	7.08	54
22770024+	22760047	11.66	2 1-	2 ACSR 6/1	0	0	778	289	15	1	1	0.00	9.81	0
22770022+	22770024	11.73	1 1-	2 ACSR 6/1	0	0	773	288	7	0	0	0.00	9.81	0
22770025+	22760047	11.72	386 3-	1/0 ACSR 6/1	1041	930	775	289	2806	66	29	0.09	7.14	152
22770040+	22770025	11.79	3 1-	2 ACSR 6/1	0	0	769	288	13	0	1	0.00	7.62	0
22770026+	22770025	11.80	382 3-	1/0 ACSR 6/1	1034	923	769	288	2785	65	29	0.07	7.19	120
22670052+	22770026	11.84	5 1-	2 ACSR 6/1	0	0	767	288	32	2	1	0.00	7.66	0
22670025+	22670052	11.87	3 1-	2 ACSR 6/1	0	0	764	287	20	1	1	0.00	7.66	0
22670026+	22670025	11.89	2 1-	2 ACSR 6/1	0	0	762	287	15	1	1	0.00	7.66	0
22670027+	22670026	11.97	0 1-	2 ACSR 6/1	0	0	756	286	0	0	0	0.00	7.66	0
226700083+	22670052	11.85	2 1-	2 ACSR 6/1	0	0	765	288	12	0	0	0.00	7.66	0
226700084+	22670083	11.89	1 1-	2 ACSR 6/1	0	0	762	287	6	0	0	0.00	7.66	0
22670014+	22770026	11.90	377 3-	1/0 ACSR 6/1	1025	915	763	287	2752	65	28	0.08	7.24	133
22670018+	22670014	11.96	111 3-	1/0 ACSR 6/1	1020	910	758	287	568	13	6	0.01	7.25	4
22770027+	22670018	11.98	109 3-	1/0 ACSR 6/1	1018	909	757	287	548	13	6	0.00	7.25	0
D22--77-P142+	22770027	11.98	109 3-	REC-35-E	1018	909	757	287	548	13	37	0.00	7.25	0
22770029+	D22--77-P142	12.00	109 3-	1/0 ACSR 6/1	1017	908	756	287	548	13	6	0.00	7.25	0
22770030+	22770029	12.04	1 1-	2 ACSR 6/1	0	0	753	286	6	0	0	0.00	7.72	0
227700028+	22770029	12.12	107 3-	1/0 ACSR 6/1	1007	898	748	286	541	12	6	0.02	7.26	7
20850307+	22770028	12.17	6 1-	2 ACSR 6/1	0	0	744	285	24	1	1	0.00	7.73	0
20850308+	20850307	12.19	4 1-	2 ACSR 6/1	0	0	742	285	16	1	1	0.00	7.73	0
20850306+	20850308	12.24	4 1-	2 ACSR 6/1	0	0	739	284	16	1	1	0.00	7.73	0
20850125+	22770028	12.14	101 3-	1/0 ACSR 6/1	1005	897	747	285	517	12	5	0.00	7.27	0
20850336+	20850125	12.16	100 3-	1/0 ACSR 6/1	1004	895	746	285	507	12	5	0.00	7.27	0
20850491+	20850336	12.24	99 3-	1/0 ACSR 6/1	997	889	741	285	501	11	5	0.01	7.28	4
20850492+	20850491	12.30	98 3-	1/0 ACSR 6/1	992	884	737	284	498	11	5	0.01	7.28	3
20850337+	20850492	12.33	97 3-	1/0 ACSR 6/1	989	882	735	284	491	11	5	0.01	7.28	1
20850431+	20850337	12.37	96 3-	1/0 ACSR 6/1	986	879	732	284	482	11	5	0.01	7.29	2
20850409+	20850431	12.39	96 3-	1/0 ACSR 6/1	984	877	731	283	482	11	5	0.00	7.29	1
20850410+	20850409	12.49	95 3-	1/0 ACSR 6/1	976	870	725	283	479	11	5	0.02	7.30	5
20850493+	20850410	12.53	94 3-	1/0 ACSR 6/1	974	867	723	282	474	11	5	0.01	7.30	2
20850494+	20850493	12.67	91 3-	1/0 ACSR 6/1	963	858	714	281	461	10	5	0.02	7.32	6
22770043+	20850494	12.84	91 3-	1/0 ACSR 6/1	950	846	704	280	461	10	5	0.03	7.33	7
22770044+	22770043	12.95	88 3-	1/0 ACSR 6/1	941	838	698	279	449	10	5	0.02	7.34	5
22770045+	22770044	13.02	2 1-	2 ACSR 6/1	0	0	694	278	13	0	1	0.00	7.80	0
22770046+	22770044	13.06	84 3-	1/0 ACSR 6/1	934	831	692	278	427	10	4	0.02	7.35	4
22770047+	22770046	13.11	17 1-	2 ACSR 6/1	0	0	688	278	80	5	3	0.00	3.99	0
22770033+	22770047	13.21	8 1-	2 ACSR 6/1	0	0	682	277	27	1	1	0.00	3.99	0
22770034+	22770033	13.26	1 1-	2 ACSR 6/1	0	0	679	276	4	0	0	0.00	3.99	0
22770035+	22770033	13.29	5 1-	2 ACSR 6/1	0	0	677	276	15	1	1	0.00	3.99	0
22770038+	22770035	13.35	3 1-	2 ACSR 6/1	0	0	673	275	5	0	0	0.00	3.99	0
22770039+	22770038	13.42	1 1-	2 ACSR 6/1	0	0	669	275	2	0	0	0.00	3.99	0
22770032+	22770035	13.40	1 1-	2 ACSR 6/1	0	0	670	275	5	0	0	0.00	3.99	0
22770048+	22770047	13.17	7 1-	2 ACSR 6/1	0	0	685	277	40	2	2	0.00	3.99	0
22770036+	22770048	13.20	6 1-	2 ACSR 6/1	0	0	683	277	30	2	1	0.00	3.99	0
22770037+	22770036	13.26	3 1-	2 ACSR 6/1	0	0	679	276	14	0	1	0.00	3.99	0
22770042+	22770036	13.26	1 1-	2 ACSR 6/1	0	0	679	276	6	0	0	0.00	3.99	0
22770041+	22770046	13.15	65 3-	1/0 ACSR 6/1	927	825	687	278	333	8	3	0.01	7.36	3
22780031+	22770041	13.22	64 3-	1/0 ACSR 6/1	923	821	683	277	327	7	3	0.01	7.36	2
D22--78-P009+	22780031	13.22	17 1-	FUS-25	0	0	683	277	77	5	24	0.00	7.82	0
22780017+	D22--78-P009	13.26	17 1-	2 ACSR 6/1	0	0	681	277	77	5	3	0.00	7.82	0
22780018+	22780017	13.32	16 1-	2 ACSR 6/1	0	0	677	276	72	5	3	0.00	7.83	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22780019+	22780018	13.37	14 1-	2 ACSR 6/1	0	0	674	276	64	4	3	0.00	7.83	0
22780020+	22780019	13.43	13 1-	2 ACSR 6/1	0	0	670	275	60	4	2	0.00	7.83	0
22780021+	22780020	13.47	1 1-	2 ACSR 6/1	0	0	667	274	10	0	0	0.00	7.83	0
22780022+	22780020	13.47	9 1-	2 ACSR 6/1	0	0	667	274	44	3	2	0.00	7.84	0
22780009+	22780022	13.51	7 1-	2 ACSR 6/1	0	0	665	274	37	2	1	0.00	7.84	0
22780010+	22780009	13.55	6 0-	2 ACSR 6/1	0	0	662	274	32	2	1	0.00	7.84	0
22780011+	22780010	13.60	5 1-	2 ACSR 6/1	0	0	659	273	28	1	1	0.00	7.84	0
22780012+	22780011	13.66	4 1-	2 ACSR 6/1	0	0	655	273	21	1	1	0.00	7.84	0
22780014+	22780012	13.73	1 1-	2 ACSR 6/1	0	0	651	272	5	0	0	0.00	7.84	0
22780013+	22780012	13.70	3 1-	2 ACSR 6/1	0	0	654	272	16	1	1	0.00	7.84	0
22780016+	22780013	13.74	3 1-	2 ACSR 6/1	0	0	651	272	16	1	1	0.00	7.84	0
22780023+	22780016	13.79	1 1-	2 ACSR 6/1	0	0	648	271	7	0	0	0.00	7.84	0
22780015+	22780013	13.79	0 1-	2 ACSR 6/1	0	0	648	271	0	0	0	0.00	7.84	0
22780030+	22780031	13.28	45 1-	2 ACSR 6/1	0	0	679	276	233	16	9	0.02	10.30	3
22780024+	22780030	13.48	43 1-	2 ACSR 6/1	0	0	667	274	220	15	9	0.05	10.35	9
22780025+	22780024	13.59	42 1-	2 ACSR 6/1	0	0	660	273	215	15	9	0.03	10.38	5
22780026+	22780025	13.66	41 1-	2 ACSR 6/1	0	0	656	273	211	15	9	0.01	10.39	3
22780027+	22780026	13.73	40 1-	2 ACSR 6/1	0	0	651	272	205	14	8	0.02	10.41	3
D22-78-P023+	22780027	13.73	40 1-	REC-25-E	0	0	651	272	205	14	60	0.00	10.41	0
22780033+	D22-78-P023	13.76	40 1-	2 ACSR 6/1	0	0	650	272	205	14	8	0.01	10.41	0
22780032+	22780033	13.92	23 1-	2 ACSR 6/1	0	0	640	270	120	8	5	0.02	10.44	2
22770017+	22780032	14.00	22 1-	2 ACSR 6/1	0	0	636	269	118	8	5	0.01	10.45	0
20850124+	22770017	14.05	20 1-	2 ACSR 6/1	0	0	633	269	106	7	4	0.01	10.45	0
227700050+	20850124	14.11	1 1-	2 ACSR 6/1	0	0	630	268	5	0	0	0.00	10.45	0
22770015+	20850124	14.14	15 1-	2 ACSR 6/1	0	0	628	268	83	6	3	0.01	10.46	0
22870017+	22770015	14.22	14 1-	2 ACSR 6/1	0	0	623	267	75	5	3	0.01	10.47	0
22870018+	22870017	14.36	11 1-	2 ACSR 6/1	0	0	616	266	61	4	2	0.01	10.47	0
22870022+	22870018	14.42	7 1-	2 ACSR 6/1	0	0	613	265	32	2	1	0.00	10.48	0
22870023+	22870022	14.46	7 1-	2 ACSR 6/1	0	0	611	265	32	2	1	0.00	10.48	0
22870024+	22870023	14.51	7 1-	2 ACSR 6/1	0	0	608	264	32	2	1	0.00	10.48	0
22870025+	22870024	14.60	5 1-	2 ACSR 6/1	0	0	603	263	21	1	1	0.00	10.48	0
22870013+	22870025	14.80	4 1-	2 ACSR 6/1	0	0	593	261	20	1	1	0.00	10.48	0
22870026+	22870013	14.93	3 1-	2 ACSR 6/1	0	0	587	260	11	0	0	0.00	10.49	0
22870011+	22870026	15.09	2 1-	2 ACSR 6/1	0	0	579	259	4	0	0	0.00	10.49	0
22870030+	22870011	15.16	0 1-	2 ACSR 6/1	0	0	576	258	0	0	0	0.00	10.49	0
22870028+	22870030	15.26	0 1-	2 ACSR 6/1	0	0	571	257	0	0	0	0.00	10.49	0
22870029+	22870011	15.15	1 1-	2 ACSR 6/1	0	0	576	258	4	0	0	0.00	10.49	0
22870027+	22870026	14.99	1 1-	2 ACSR 6/1	0	0	584	260	6	0	0	0.00	10.49	0
22870012+	22870025	14.66	1 1-	2 ACSR 6/1	0	0	600	263	2	0	0	0.00	10.48	0
22870019+	22870018	14.44	2 1-	2 ACSR 6/1	0	0	612	265	14	1	1	0.00	10.48	0
22870020+	22870019	14.46	2 1-	2 ACSR 6/1	0	0	611	265	14	1	1	0.00	10.48	0
22870021+	22870020	14.51	1 1-	2 ACSR 6/1	0	0	608	264	6	0	0	0.00	10.48	0
22870010+	22870019	14.53	0 1-	2 ACSR 6/1	0	0	607	264	0	0	0	0.00	10.48	0
22870016+	22870017	14.30	1 1-	2 ACSR 6/1	0	0	619	266	4	0	0	0.00	10.47	0
22870014+	22870016	14.36	1 1-	2 ACSR 6/1	0	0	616	266	4	0	0	0.00	10.47	0
22870015+	22870017	14.26	1 1-	2 ACSR 6/1	0	0	621	267	6	0	0	0.00	10.47	0
22770018+	20850124	14.09	4 1-	2 ACSR 6/1	0	0	631	268	18	1	1	0.00	10.45	0
22770019+	22770018	14.14	4 1-	2 ACSR 6/1	0	0	628	268	18	1	1	0.00	10.45	0
D22-77-P038+	22770019	14.14	2 1-	FUS-20	0	0	628	268	8	0	3	0.00	10.45	0
22770020+	D22-77-P038	14.38	2 1-	2 ACSR 6/1	0	0	615	265	8	0	0	0.00	10.46	0
22770021+	22770020	14.42	1 1-	2 ACSR 6/1	0	0	613	265	6	0	0	0.00	10.46	0
22780035+	22780033	13.82	2 1-	2 ACSR 6/1	0	0	646	271	7	0	0	0.00	10.41	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22780028+	22780035	13.88	1 1-	2 ACSR 6/1	0	0	643	270	6	0	0	0.00	10.41	0
22780034+	22780033	13.81	14 1-	2 ACSR 6/1	0	0	647	271	75	5	3	0.00	10.42	0
22780029+	22780034	13.86	13 1-	2 ACSR 6/1	0	0	644	271	68	4	3	0.00	10.42	0
22780036+	22780029	13.92	12 1-	2 ACSR 6/1	0	0	640	270	60	4	2	0.00	10.43	0
22880007+	22780036	13.97	11 1-	2 ACSR 6/1	0	0	638	269	54	3	2	0.00	10.43	0
22880009+	22880007	14.02	9 1-	2 ACSR 6/1	0	0	635	269	43	3	2	0.00	10.43	0
22880011+	22880009	14.10	7 1-	2 ACSR 6/1	0	0	630	268	35	2	1	0.00	10.43	0
22880013+	22880011	14.29	6 1-	2 ACSR 6/1	0	0	620	266	27	1	1	0.00	10.44	0
22870032+	22880013	14.34	3 1-	2 ACSR 6/1	0	0	617	266	16	1	1	0.00	10.44	0
22870034+	22870032	14.41	1 1-	2 ACSR 6/1	0	0	613	265	6	0	0	0.00	10.44	0
22870033+	22870032	14.36	2 1-	2 ACSR 6/1	0	0	616	266	10	0	0	0.00	10.44	0
22880012+	22880011	14.19	1 1-	2 ACSR 6/1	0	0	625	267	9	0	0	0.00	10.43	0
22880010+	22880009	14.07	1 1-	2 ACSR 6/1	0	0	632	268	3	0	0	0.00	10.43	0
22880008+	22880007	14.02	1 1-	2 ACSR 6/1	0	0	634	269	5	0	0	0.00	10.43	0
22770016+	22770043	12.93	2 1-	2 ACSR 6/1	0	0	698	279	11	0	0	0.00	10.23	0
22770031+	22770016	12.98	1 1-	2 ACSR 6/1	0	0	695	279	5	0	0	0.00	10.23	0
22770014+	20850431	12.50	0 1-	2 ACSR 6/1	0	0	723	282	0	0	0	0.00	3.97	0
20850490+	20850336	12.21	1 1-	2 ACSR 6/1	0	0	742	285	5	0	0	0.00	7.74	0
22670024+	22670014	11.96	266 3-	1/0 ACSR 6/1	1020	911	759	287	2183	51	22	0.04	7.26	50
22670023+	22670024	11.98	258 3-	1/0 ACSR 6/1	1019	909	757	287	2143	50	22	0.02	7.27	18
22670021+	22670023	12.02	258 3-	1/0 ACSR 6/1	1015	906	754	286	2142	50	22	0.03	7.29	37
22670049+	22670021	12.06	257 3-	1/0 ACSR 6/1	1012	903	752	286	2142	50	22	0.03	7.31	31
22-67-P093-B+	22670049	12.06	257 3-	Closed	1012	903	752	286	2141	50	0	0.00	7.31	0
22-67-P093-A+	22-67-P093-B	12.06	257 3-	Closed	1012	903	752	286	2141	50	0	0.00	7.31	0
22670056+	22-67-P093-A	12.07	257 3-	1/0 ACSR 6/1	1011	902	752	286	2141	50	22	0.01	7.31	6
22670057+	22670056	12.10	256 3-	1/0 ACSR 6/1	1008	899	749	286	2137	50	22	0.03	7.32	31
D22-67-P011+	22670057	12.10	13 1-	FUS-50	0	0	749	286	67	4	10	0.00	10.20	0
22670079+	D22-67-P011	12.13	13 1-	2 ACSR 6/1	0	0	747	285	67	4	3	0.00	10.21	0
22670080+	22670079	12.17	12 1-	2 ACSR 6/1	0	0	745	285	60	4	2	0.00	10.21	0
22670055+	22670080	12.24	10 1-	2 ACSR 6/1	0	0	739	284	52	3	2	0.00	10.21	0
20850303+	22670055	12.28	3 1-	2 ACSR 6/1	0	0	735	284	15	1	1	0.00	10.21	0
20850304+	20850303	12.32	2 1-	2 ACSR 6/1	0	0	733	283	10	0	0	0.00	10.21	0
20850305+	20850304	12.38	1 1-	2 ACSR 6/1	0	0	729	283	4	0	0	0.00	10.21	0
20850302+	22670055	12.29	6 1-	2 ACSR 6/1	0	0	735	284	35	2	1	0.00	10.21	0
20850152+	20850302	12.34	4 1-	2 ACSR 6/1	0	0	732	283	23	1	1	0.00	10.21	0
20850154+	20850152	12.38	2 1-	2 ACSR 6/1	0	0	728	283	11	0	0	0.00	10.21	0
20850155+	20850154	12.42	1 1-	2 ACSR 6/1	0	0	725	282	7	0	0	0.00	10.21	0
20850153+	20850152	12.36	1 1-	2 ACSR 6/1	0	0	730	283	6	0	0	0.00	10.21	0
22670047+	22670057	12.13	3 1-	2 ACSR 6/1	0	0	747	285	10	0	0	0.00	7.79	0
22670048+	22670047	12.15	2 1-	2 ACSR 6/1	0	0	745	285	6	0	0	0.00	7.79	0
22670050+	22670057	12.19	240 3-	1/0 ACSR 6/1	1001	893	744	285	2060	48	21	0.06	7.36	65
22670051+	22670050	12.20	238 3-	1/0 ACSR 6/1	1000	892	743	285	2053	48	21	0.01	7.36	11
22670053+	22670051	12.22	236 3-	1/0 ACSR 6/1	998	890	742	285	2043	48	21	0.01	7.37	14
22670054+	22670053	12.29	234 3-	1/0 ACSR 6/1	993	885	737	284	2030	48	21	0.04	7.40	51
22670066+	22670054	12.34	9 1-	2 ACSR 6/1	0	0	734	284	44	3	2	0.00	7.85	0
22670059+	22670066	12.39	7 1-	2 ACSR 6/1	0	0	730	283	35	2	1	0.00	7.86	0
22670061+	22670059	12.42	3 1-	2 ACSR 6/1	0	0	728	283	14	1	1	0.00	7.86	0
22670046+	22670061	12.44	2 1-	2 ACSR 6/1	0	0	726	283	10	0	0	0.00	7.86	0
22670060+	22670059	12.43	2 1-	2 ACSR 6/1	0	0	727	283	16	1	1	0.00	7.86	0
22670067+	22670060	12.47	1 1-	2 ACSR 6/1	0	0	724	282	8	0	0	0.00	7.86	0
22670031+	22670054	12.34	218 3-	1/0 ACSR 6/1	989	882	735	284	1948	46	20	0.03	7.42	32
22670033+	22670031	12.39	1 1-	2 ACSR 6/1	0	0	730	283	4	0	0	0.00	7.87	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22670032+	22670031	12.39	212 3-	1/0 ACSR 6/1	984	877	731	283	1932	45	20	0.04	7.44	40
22670034+	22670032	12.42	4 1-	2 ACSR 6/1	0	0	729	283	13	0	0	0.00	7.89	0
22670015+	22670032	12.45	208 3-	1/0 ACSR 6/1	980	873	727	283	1919	45	20	0.04	7.46	40
D22-67-P037+	22670015	12.45	5 1-	FUS	0	0	727	283	26	1	44	0.00	10.43	0
226700063+	D22-67-P037	12.53	5 1-	2 ACSR 6/1	0	0	722	282	26	1	1	0.00	10.43	0
226700064+	22670063	12.64	3 1-	2 ACSR 6/1	0	0	714	281	20	1	1	0.00	10.43	0
226700035+	22670064	12.67	2 1-	2 ACSR 6/1	0	0	711	281	13	0	1	0.00	10.44	0
226700037+	22670035	12.75	1 1-	2 ACSR 6/1	0	0	706	280	6	0	0	0.00	10.44	0
226700036+	22670035	12.75	1 1-	2 ACSR 6/1	0	0	706	280	7	0	0	0.00	10.44	0
22670016+	22670015	12.52	203 3-	1/0 ACSR 6/1	974	868	723	282	1892	44	20	0.04	7.48	46
226700062+	22670016	12.61	203 3-	1/0 ACSR 6/1	968	862	718	282	1892	44	20	0.05	7.52	58
226700081+	22670062	12.69	202 3-	1/0 ACSR 6/1	961	856	713	281	1888	44	19	0.05	7.55	56
226700082+	22670081	12.73	201 3-	1/0 ACSR 6/1	958	853	711	281	1880	44	19	0.02	7.56	26
D22-67-P042+	22670082	12.73	8 1-	FUS	0	0	711	281	48	3	78	0.00	7.99	0
226700038+	D22-67-P042	12.79	8 1-	2 ACSR 6/1	0	0	706	280	48	3	2	0.00	7.99	0
226700039+	22670038	12.83	7 1-	2 ACSR 6/1	0	0	704	280	40	2	2	0.00	8.00	0
226700041+	22670039	12.96	1 1-	2 ACSR 6/1	0	0	695	278	5	0	0	0.00	8.00	0
22670017+	22670041	13.05	1 1-	2 ACSR 6/1	0	0	689	277	5	0	0	0.00	8.00	0
226700040+	22670039	12.92	4 1-	2 ACSR 6/1	0	0	698	279	24	1	1	0.00	8.00	0
226700072+	22670040	13.00	2 1-	2 ACSR 6/1	0	0	692	278	9	0	0	0.00	8.00	0
226800049+	22670072	13.20	1 1-	2 ACSR 6/1	0	0	679	276	5	0	0	0.00	8.00	0
226700071+	22670040	12.98	1 1-	2 ACSR 6/1	0	0	693	278	7	0	0	0.00	8.00	0
226700068+	22670082	12.79	2 1-	2 ACSR 6/1	0	0	707	280	7	0	0	0.00	4.08	0
226700042+	22670082	12.81	191 3-	1/0 ACSR 6/1	952	848	706	280	1825	43	19	0.05	7.59	48
226700044+	22670042	12.87	1 1-	2 ACSR 6/1	0	0	702	280	3	0	0	0.00	8.01	0
226700043+	22670042	12.87	189 3-	1/0 ACSR 6/1	948	844	703	280	1815	43	19	0.04	7.61	39
226700069+	22670043	12.92	186 3-	1/0 ACSR 6/1	944	840	700	279	1801	42	19	0.03	7.63	34
22680026+	22670069	13.04	185 3-	1/0 ACSR 6/1	935	832	693	278	1797	42	19	0.08	7.67	74
C22-68-P64+	22680026	13.04	0 3-	Capacitor	935	832	693	278	0	-6	0	0.00	7.67	0
22680014+	22680026	13.09	185 3-	1/0 ACSR 6/1	932	829	690	278	1797	44	19	0.03	7.69	31
D22-68-P046+	22680014	13.09	1 1-	FUS	0	0	690	278	4	0	7	0.00	10.84	0
226800052+	D22-68-P046	13.14	1 1-	2 ACSR 6/1	0	0	687	277	4	0	0	0.00	10.84	0
226800047+	22680014	13.12	3 1-	2 ACSR 6/1	0	0	688	278	19	1	1	0.00	8.09	0
226800048+	22680047	13.28	2 1-	2 ACSR 6/1	0	0	678	276	13	0	1	0.00	8.09	0
226800027+	22680048	13.34	1 1-	2 ACSR 6/1	0	0	674	275	7	0	0	0.00	8.09	0
226800045+	22680014	13.15	181 3-	1/0 ACSR 6/1	928	825	687	278	1773	43	19	0.04	7.71	37
226800046+	22680045	13.24	179 3-	1/0 ACSR 6/1	921	819	682	277	1769	43	19	0.06	7.75	61
226800028+	22680046	13.31	174 3-	1/0 ACSR 6/1	916	814	678	276	1752	43	19	0.05	7.77	46
D22-68-P045+	22680028	13.31	1 1-	FUS	0	0	678	276	7	0	12	0.00	10.99	0
226800053+	D22-68-P045	13.37	1 1-	2 ACSR 6/1	0	0	674	276	7	0	0	0.00	10.99	0
226800054+	22680053	13.45	0 1-	2 ACSR 6/1	0	0	669	275	0	0	0	0.00	10.99	0
226800029+	22680028	13.38	173 3-	1/0 ACSR 6/1	911	810	675	276	1745	42	19	0.04	7.80	41
226800022+	22680029	13.39	172 3-	1/0 ACSR 6/1	911	810	674	276	1743	42	19	0.01	7.80	7
D22-68-P012+	22680022	13.39	7 1-	FUS	0	0	674	276	39	2	65	0.00	11.04	0
226800018+	D22-68-P012	13.50	7 1-	2 ACSR 6/1	0	0	667	275	39	2	2	0.00	11.05	0
226800019+	22680018	13.54	6 1-	2 ACSR 6/1	0	0	665	274	30	2	1	0.00	11.05	0
226800017+	22680019	13.62	4 1-	2 ACSR 6/1	0	0	660	273	21	1	1	0.00	11.05	0
226800020+	22680017	13.71	0 1-	2 ACSR 6/1	0	0	654	272	0	0	0	0.00	11.05	0
226800021+	22680017	13.69	3 1-	2 ACSR 6/1	0	0	656	273	15	1	1	0.00	11.05	0
226800044+	22680021	13.77	1 1-	2 ACSR 6/1	0	0	651	272	4	0	0	0.00	11.05	0
226800042+	22680022	13.51	164 3-	1/0 ACSR 6/1	902	802	668	275	1698	41	18	0.08	7.85	72
226800043+	22680042	13.57	1 1-	2 ACSR 6/1	0	0	664	274	9	0	0	0.00	8.22	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22680041+	22680042	13.60	4 1-	2 ACSR 6/1	0	0	663	274	20	1	1	0.00	8.22	0
22680038+	22680041	13.64	3 1-	2 ACSR 6/1	0	0	660	274	14	1	1	0.00	8.22	0
22680039+	22680038	13.69	1 1-	2 ACSR 6/1	0	0	657	273	8	0	0	0.00	8.22	0
22680040+	22680042	13.55	158 3-	1/0 ACSR 6/1	900	799	666	275	1664	40	18	0.03	7.86	22
22680034+	22680040	13.68	157 3-	1/0 ACSR 6/1	891	792	659	274	1656	40	18	0.09	7.91	74
22680036+	22680034	13.82	1 1-	2 ACSR 6/1	0	0	651	272	3	0	0	0.00	8.27	0
22680023+	22680036	13.91	0 1-	2 ACSR 6/1	0	0	646	271	0	0	0	0.00	8.27	0
22680035+	22680034	13.74	154 3-	1/0 ACSR 6/1	887	788	656	273	1641	40	18	0.04	7.93	35
D22-68-P031+	22680035	13.74	2 1-	FUS	0	0	656	273	6	0	10	0.00	11.27	0
22680016+	D22-68-P031	13.85	2 1-	2 ACSR 6/1	0	0	650	272	6	0	0	0.00	11.28	0
22680025+	22680016	14.07	0 1-	2 ACSR 6/1	0	0	637	270	0	0	0	0.00	11.28	0
22680024+	22680016	13.96	2 1-	2 ACSR 6/1	0	0	643	271	6	0	0	0.00	11.28	0
22680030+	22680035	13.88	152 3-	1/0 ACSR 6/1	878	779	649	272	1635	40	18	0.09	7.99	79
22680031+	22680030	13.95	151 3-	1/0 ACSR 6/1	873	775	646	272	1626	40	17	0.04	8.01	39
22680033+	22680031	14.00	0 1-	2 ACSR 6/1	0	0	643	271	0	0	0	0.00	11.41	0
22680015+	22680031	14.29	151 3-	1/0 ACSR 6/1	852	756	630	269	1625	40	17	0.22	8.13	190
22580002+	22680015	14.38	151 3-	1/0 ACSR 6/1	847	751	626	269	1624	40	17	0.06	8.17	48
20852300+	22580002	14.40	5 3-	1/0 ACSR 6/1	846	750	625	268	907	22	10	0.00	8.17	3
20852301+	20852300	14.63	4 3-	1/0 ACSR 6/1	832	738	615	267	906	22	10	0.05	8.22	35
22690014+	20852301	14.70	2 1-	2 ACSR 6/1	0	0	611	266	8	0	0	0.00	11.75	0
22690015+	22690014	14.80	0 1-	2 ACSR 6/1	0	0	606	265	0	0	0	0.00	11.75	0
22690012+	20852301	14.68	2 3-	1/0 ACSR 6/1	830	735	612	266	897	22	10	0.01	8.23	7
22690013+	22690012	14.73	2 3-	1/0 ACSR 6/1	827	733	610	266	897	22	10	0.01	8.24	7
D22-69-P061+	22690013	14.73	2 3-	REC-35-E	827	733	610	266	897	22	65	0.00	8.24	0
22690001+	D22-69-P061	14.80	2 3-	1/0 ACSR 6/1	823	729	607	266	897	22	10	0.02	8.26	10
22690030+	22690001	14.80	2 3-	Consumer	823	729	607	266	897	22	0	0.00	8.26	0
22690002+	22690001	14.87	0 3-	1/0 ACSR 6/1	819	726	604	265	0	0	0	0.00	8.26	0
22690006+	22690002	14.88	0 3-	1/0 ACSR 6/1	818	725	604	265	0	0	0	0.00	8.26	0
22690007+	22690006	14.94	0 3-	1/0 ACSR 6/1	815	722	601	265	0	0	0	0.00	8.26	0
22690018+	22690007	14.98	0 3-	2 ACSR 6/1	812	720	599	264	0	0	0	0.00	8.26	0
22690011+	22690007	14.98	0 1-	2 ACSR 6/1	0	0	599	264	0	0	0	0.00	8.55	0
22690008+	22690007	14.98	0 3-	1/0 ACSR 6/1	813	720	600	264	0	0	0	0.00	8.26	0
22690009+	22690008	15.05	0 3-	1/0 ACSR 6/1	809	717	597	264	0	0	0	0.00	8.26	0
22690016+	22690009	15.08	0 3-	1/0 ACSR 6/1	807	715	596	264	0	0	0	0.00	8.26	0
22690017+	22690016	15.11	0 1-	2 ACSR 6/1	0	0	594	263	0	0	0	0.00	11.78	0
22690010+	22690017	15.18	0 1-	2 ACSR 6/1	0	0	591	263	0	0	0	0.00	11.78	0
22690003+	22690002	14.88	0 1-	2 ACSR 6/1	0	0	604	265	0	0	0	0.00	8.55	0
22690004+	22690003	14.89	0 1-	2 ACSR 6/1	0	0	603	265	0	0	0	0.00	8.55	0
22690005+	22690004	14.93	0 1-	2 ACSR 6/1	0	0	601	264	0	0	0	0.00	8.55	0
22590009+	22580002	14.43	146 3-	1/0 ACSR 6/1	844	749	624	268	716	17	8	0.02	8.17	8
D22-59-P008+	22590009	14.43	146 3-	REC-100-E	844	749	624	268	716	17	17	0.00	8.17	0
22590013+	D22-59-P008	14.46	146 3-	1/0 ACSR 6/1	842	747	622	268	716	17	8	0.02	8.18	7
D22-59-P007+	22590013	14.46	4 1-	FUS	0	0	622	268	22	1	35	0.00	8.46	0
22590012+	D22-59-P007	14.69	4 1-	2 ACSR 6/1	0	0	610	266	22	1	1	0.01	8.47	0
22580003+	22590012	14.77	3 1-	2 ACSR 6/1	0	0	606	265	18	1	1	0.00	8.47	0
20852303+	22580003	14.80	0 1-	2 ACSR 6/1	0	0	604	265	0	0	0	0.00	8.47	0
22590015+	22580003	14.81	1 1-	2 ACSR 6/1	0	0	604	265	7	0	0	0.00	8.47	0
20852207+	22590012	14.80	1 1-	2 ACSR 6/1	0	0	604	265	4	0	0	0.00	8.47	0
20852317+	20852207	14.85	0 1-	2 ACSR 6/1	0	0	602	264	0	0	0	0.00	8.47	0
20852318+	20852317	15.00	0 1-	2 ACSR 6/1	0	0	594	263	0	0	0	0.00	8.47	0
22590014+	22590013	14.49	142 3-	1/0 ACSR 6/1	841	745	621	268	694	16	7	0.01	8.18	5
20852302+	22590014	14.51	1 2-	1/0 ACSR 6/1	0	744	620	268	12	0	0	0.00	6.40	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22590010+	22590014	14.76	141 3-	1/0 ACSR 6/1	825	731	609	266	682	16	7	0.12	8.22	50
22590019+	22590010	14.83	141 3-	1/0 ACSR 6/1	821	728	606	265	681	16	7	0.03	8.23	11
22590020+	22590019	14.88	140 3-	1/0 ACSR 6/1	818	725	604	265	669	16	7	0.02	8.23	10
22590016+	22590020	15.03	139 3-	1/0 ACSR 6/1	810	718	598	264	659	16	7	0.06	8.25	27
22590017+	22590016	15.11	1 1-	2 ACSR 6/1	0	0	593	263	5	0	0	0.00	11.97	0
22590035+	22590017	15.16	0 1-	2 ACSR 6/1	0	0	591	263	0	0	0	0.00	11.97	0
22590034+	22590016	15.21	137 3-	1/0 ACSR 6/1	800	709	590	263	651	15	7	0.08	8.28	32
22590033+	22590034	15.25	136 3-	1/0 ACSR 6/1	798	707	589	262	646	15	7	0.02	8.28	7
22590032+	22590033	15.33	135 3-	1/0 ACSR 6/1	794	703	586	262	643	15	7	0.03	8.29	14
D22-59-P032+	22590032	15.33	1 1-	FUS	0	0	586	262	2	0	4	0.00	8.51	0
22590021+	D22-59-P032	15.71	1 1-	2 ACSR 6/1	0	0	567	258	2	0	0	0.00	8.51	0
22590022+	22590032	15.43	133 3-	1/0 ACSR 6/1	788	698	581	261	637	15	7	0.05	8.31	19
22590025+	22590022	15.50	127 3-	1/0 ACSR 6/1	785	695	579	261	610	14	6	0.03	8.31	10
22590026+	22590025	15.54	124 3-	1/0 ACSR 6/1	783	693	577	260	604	14	6	0.02	8.32	8
22590029+	22590026	15.62	123 3-	1/0 ACSR 6/1	779	690	574	260	598	14	6	0.03	8.33	12
20852315+	22590029	15.64	120 3-	1/0 ACSR 6/1	778	688	573	260	592	14	6	0.01	8.33	5
20852316+	20852315	15.72	117 3-	1/0 ACSR 6/1	774	685	570	259	586	14	6	0.03	8.34	12
22590031+	20852316	15.81	114 3-	1/0 ACSR 6/1	769	681	567	259	581	14	6	0.04	8.35	16
D23-52-P002+	22590031	15.81	4 1-	FUS	0	0	567	259	13	0	21	0.00	8.54	0
23520005+	D23-52-P002	15.96	4 1-	2 ACSR 6/1	0	0	560	257	13	0	1	0.00	8.54	0
22490016+	23520005	16.00	4 1-	2 ACSR 6/1	0	0	559	257	13	0	1	0.00	8.54	0
22490017+	22490016	16.16	2 1-	2 ACSR 6/1	0	0	551	255	3	0	0	0.00	8.54	0
22490014+	22490017	16.27	1 1-	2 ACSR 6/1	0	0	547	254	1	0	0	0.00	8.54	0
22490015+	22490014	16.33	1 1-	2 ACSR 6/1	0	0	544	254	1	0	0	0.00	8.54	0
23520003+	22590031	15.86	108 3-	1/0 ACSR 6/1	767	679	565	258	565	13	6	0.02	8.36	7
23520002+	23520003	15.99	105 3-	1/0 ACSR 6/1	761	673	560	257	560	13	6	0.05	8.37	21
23420007+	23520002	16.04	102 3-	1/0 ACSR 6/1	758	670	558	257	550	13	6	0.02	8.38	9
23420008+	23420007	16.09	98 3-	1/0 ACSR 6/1	756	669	557	257	533	13	6	0.02	8.38	7
23420006+	23420008	16.14	96 3-	1/0 ACSR 6/1	754	666	555	256	519	12	6	0.02	8.39	9
D23-42-P006+	23420006	16.14	1 1-	FUS	0	0	555	256	0	0	0	0.00	8.55	0
23420011+	D23-42-P006	16.18	1 1-	2 ACSR 6/1	0	0	553	256	0	0	0	0.00	8.55	0
23420005+	23420006	16.19	93 3-	1/0 ACSR 6/1	751	664	553	256	510	12	5	0.02	8.39	8
23420004+	23420005	16.22	1 1-	2 ACSR 6/1	0	0	552	256	8	0	0	0.00	12.44	0
23420001+	23420005	16.28	91 3-	1/0 ACSR 6/1	747	660	550	255	499	12	5	0.03	8.40	14
D23-42-P027+	23420001	16.28	91 1-	REC-70-E	0	0	550	255	499	37	53	0.00	12.48	0
23420009+	D23-42-P027	16.29	91 1-	2 ACSR 6/1	0	0	549	255	499	37	21	0.01	12.49	3
R23-42-P9+	23420009	16.29	91 1-	100	0	0	549	255	499	37	37	-10.09	2.40	0
23420002+	R23-42-P9	16.43	91 1-	2 ACSR 6/1	0	0	543	254	499	34	19	0.07	2.47	29
23420003+	23420002	17.23	91 1-	2 ACSR 6/1	0	0	512	247	498	34	19	0.41	2.88	162
23430004+	23420003	17.39	91 1-	2 ACSR 6/1	0	0	506	246	497	34	19	0.09	2.97	34
23430001+	23430004	17.70	89 1-	2 ACSR 6/1	0	0	495	243	482	33	18	0.15	3.12	58
23430002+	23430001	17.78	88 1-	2 ACSR 6/1	0	0	492	243	476	32	18	0.04	3.16	15
23430007+	23430002	18.16	1 1-	2 ACSR 6/1	0	0	479	239	4	0	0	0.00	3.16	0
23430006+	23430002	18.09	87 1-	2 ACSR 6/1	0	0	482	240	472	32	18	0.16	3.32	59
23330014+	23430006	18.17	1 1-	2 ACSR 6/1	0	0	479	239	7	0	0	0.00	3.32	0
23330006+	23430006	18.18	3 1-	2 ACSR 6/1	0	0	479	239	19	1	1	0.00	3.32	0
23330008+	23330006	18.24	2 1-	2 ACSR 6/1	0	0	477	239	12	0	0	0.00	3.32	0
23330007+	23330006	18.19	1 1-	2 ACSR 6/1	0	0	478	239	7	0	0	0.00	3.32	0
23330005+	23430006	18.18	83 1-	2 ACSR 6/1	0	0	479	239	445	30	17	0.04	3.36	14
23330012+	23330005	18.28	2 1-	2 ACSR 6/1	0	0	476	239	13	0	1	0.00	3.36	0
23330004+	23330005	18.25	81 1-	2 ACSR 6/1	0	0	477	239	432	29	16	0.03	3.39	11
D23-33-P008+	23330004	18.25	4 1-	FUS	0	0	477	239	20	1	32	0.00	3.39	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
23330009+	D23-33-P008	18.30	4 1-	2 ACSR 6/1	0	0	475	238	20	1	1	0.00	3.39	0
23330010+	23330009	18.36	3 1-	2 ACSR 6/1	0	0	473	238	16	1	1	0.00	3.39	0
23330011+	23330010	18.42	2 1-	2 ACSR 6/1	0	0	471	237	9	0	0	0.00	3.39	0
23330013+	23330011	18.48	1 1-	2 ACSR 6/1	0	0	469	237	3	0	0	0.00	3.39	0
23330003+	23330004	18.59	77 1-	2 ACSR 6/1	0	0	466	236	411	28	16	0.15	3.54	48
23340005+	23330003	18.74	2 1-	2 ACSR 6/1	0	0	461	235	16	1	1	0.00	3.54	0
23340015+	23340005	18.79	1 1-	2 ACSR 6/1	0	0	460	235	7	0	0	0.00	3.54	0
23340003+	23330003	18.65	75 1-	2 ACSR 6/1	0	0	464	236	394	27	15	0.03	3.56	8
D23-34-P043+	23340003	18.65	75 1-	REC-50-E	0	0	464	236	394	27	54	0.00	3.56	0
23340004+	D23-34-P043	18.68	75 1-	2 ACSR 6/1	0	0	463	235	394	27	15	0.01	3.58	4
23340006+	23340004	18.91	75 1-	2 ACSR 6/1	0	0	456	234	394	27	15	0.09	3.67	30
23340007+	23340006	19.01	74 1-	2 ACSR 6/1	0	0	453	233	394	27	15	0.04	3.71	13
23340008+	23340007	19.05	73 1-	2 ACSR 6/1	0	0	452	233	394	27	15	0.02	3.73	5
23340012+	23340008	19.21	73 1-	2 ACSR 6/1	0	0	447	231	394	27	15	0.07	3.79	21
23340013+	23340012	19.29	71 1-	2 ACSR 6/1	0	0	445	231	385	26	15	0.03	3.82	9
23340009+	23340013	19.66	70 1-	2 ACSR 6/1	0	0	435	228	377	25	14	0.15	3.97	44
23340011+	23340009	19.73	1 1-	2 ACSR 6/1	0	0	433	228	3	0	0	0.00	3.97	0
23340014+	23340009	19.73	67 1-	2 ACSR 6/1	0	0	433	228	365	25	14	0.03	4.00	8
23240002+	23340014	19.82	66 1-	2 ACSR 6/1	0	0	430	227	360	24	14	0.03	4.03	9
23240003+	23240002	19.88	65 1-	2 ACSR 6/1	0	0	429	226	355	24	14	0.02	4.05	7
23240001+	23240003	19.95	64 1-	2 ACSR 6/1	0	0	427	226	353	24	14	0.03	4.08	7
23250007+	23240001	20.20	64 1-	2 ACSR 6/1	0	0	420	224	353	24	14	0.09	4.17	26
D2350016+	23250007	20.27	63 1-	2 ACSR 6/1	0	0	419	224	345	23	13	0.03	4.20	7
D23-25-P077+	23250016	20.27	10 1-	FUS	0	0	419	224	52	3	81	0.00	4.20	0
23250008+	D23-25-P077	20.33	10 1-	2 ACSR 6/1	0	0	417	223	52	3	2	0.00	4.20	0
23250017+	23250008	20.37	9 1-	2 ACSR 6/1	0	0	416	223	47	3	2	0.00	4.20	0
23250021+	23250017	20.48	1 1-	2 ACSR 6/1	0	0	413	222	6	0	0	0.00	4.20	0
23250022+	23250021	20.55	1 1-	2 ACSR 6/1	0	0	412	222	6	0	0	0.00	4.20	0
23250020+	23250017	20.46	1 1-	2 ACSR 6/1	0	0	414	222	6	0	0	0.00	4.20	0
23250019+	23250017	20.44	1 1-	2 ACSR 6/1	0	0	414	223	2	0	0	0.00	4.20	0
23250018+	23250017	20.48	6 1-	2 ACSR 6/1	0	0	413	222	34	2	1	0.00	4.21	0
23250013+	23250018	20.54	1 1-	2 ACSR 6/1	0	0	412	222	7	0	0	0.00	4.21	0
23250011+	23250018	20.59	5 1-	2 ACSR 6/1	0	0	411	222	26	1	1	0.00	4.21	0
23250012+	23250011	20.76	3 1-	2 ACSR 6/1	0	0	406	220	20	1	1	0.00	4.21	0
D23-25-P077A+	23250016	20.27	50 1-	FUS	0	0	419	224	280	19	440	0.00	4.20	0
23250009+	D23-25-P077A	20.32	50 1-	2 ACSR 6/1	0	0	417	223	280	19	11	0.01	4.21	3
23250014+	23250009	20.37	48 1-	2 ACSR 6/1	0	0	416	223	271	18	10	0.01	4.22	3
23250015+	23250014	20.45	47 1-	2 ACSR 6/1	0	0	414	222	267	18	10	0.02	4.25	5
23250010+	23250015	20.73	46 1-	2 ACSR 6/1	0	0	407	221	262	18	10	0.08	4.32	16
23250001+	23250010	20.86	45 1-	2 ACSR 6/1	0	0	404	220	256	17	10	0.03	4.36	7
23250002+	23250001	20.98	45 1-	2 ACSR 6/1	0	0	401	219	256	17	10	0.03	4.39	7
23250003+	23250002	21.28	45 1-	2 ACSR 6/1	0	0	395	217	255	17	10	0.08	4.47	16
23250005+	23250003	21.31	19 1-	2 ACSR 6/1	0	0	394	217	105	7	4	0.00	4.47	0
23250023+	23250005	21.34	1 1-	2 ACSR 6/1	0	0	393	216	7	0	0	0.00	4.47	0
23250006+	23250005	21.39	16 1-	2 ACSR 6/1	0	0	392	216	68	6	3	0.01	4.48	0
23260019+	23250006	21.43	13 1-	2 ACSR 6/1	0	0	391	216	64	4	2	0.00	4.48	0
23260016+	23260019	21.46	4 1-	2 ACSR 6/1	0	0	390	216	19	1	1	0.00	4.48	0
23260017+	23260016	21.52	3 1-	2 ACSR 6/1	0	0	389	215	15	1	1	0.00	4.48	0
23260014+	23260019	21.49	6 1-	2 ACSR 6/1	0	0	390	216	34	2	1	0.00	4.48	0
23260015+	23260014	21.51	3 1-	2 ACSR 6/1	0	0	389	215	18	1	1	0.00	4.48	0
23260013+	23260015	21.55	2 1-	2 ACSR 6/1	0	0	389	215	9	0	0	0.00	4.48	0
23260018+	23250006	21.41	1 1-	2 ACSR 6/1	0	0	392	216	8	0	0	0.00	4.48	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
23250004+	23250003	21.39	25 1-	2 ACSR 6/1	0	0	392	216	142	9	5	0.02	4.49	2
23260005+	23250004	21.44	1 1-	2 ACSR 6/1	0	0	391	216	3	0	0	0.00	4.49	0
23260003+	23250004	21.45	24 1-	2 ACSR 6/1	0	0	391	216	140	9	5	0.01	4.49	0
23260012+	23260003	21.48	1 1-	2 ACSR 6/1	0	0	390	216	7	0	0	0.00	4.49	0
23260027+	23260003	21.50	9 1-	2 ACSR 6/1	0	0	390	215	54	3	2	0.00	4.50	0
23260026+	23260027	21.65	5 1-	2 ACSR 6/1	0	0	386	214	30	2	1	0.00	4.50	0
23260006+	23260026	21.71	3 1-	2 ACSR 6/1	0	0	385	214	17	1	1	0.00	4.50	0
23260007+	23260006	21.76	1 1-	2 ACSR 6/1	0	0	384	214	7	0	0	0.00	4.50	0
23260025+	23260027	21.55	1 1-	2 ACSR 6/1	0	0	389	215	5	0	0	0.00	4.50	0
23260024+	23260027	21.54	1 1-	2 ACSR 6/1	0	0	389	215	6	0	0	0.00	4.50	0
23260004+	23260003	21.47	14 1-	2 ACSR 6/1	0	0	390	216	79	5	3	0.00	4.50	0
23260011+	23260004	21.51	2 1-	2 ACSR 6/1	0	0	389	215	12	0	0	0.00	4.50	0
23260009+	23260004	21.50	12 1-	2 ACSR 6/1	0	0	390	215	67	4	3	0.00	4.50	0
23260010+	23260009	21.54	9 1-	2 ACSR 6/1	0	0	389	215	58	4	2	0.00	4.50	0
23260023+	23260010	21.60	2 1-	2 ACSR 6/1	0	0	387	215	13	0	0	0.00	4.50	0
23260020+	23260010	21.56	6 1-	2 ACSR 6/1	0	0	388	215	39	2	2	0.00	4.50	0
23260008+	23260020	21.60	2 1-	2 ACSR 6/1	0	0	387	215	14	0	1	0.00	4.50	0
23260022+	23260020	21.62	2 1-	2 ACSR 6/1	0	0	387	215	12	0	0	0.00	4.50	0
23260021+	23260020	21.60	2 1-	2 ACSR 6/1	0	0	387	215	13	0	1	0.00	4.50	0
23340010+	23340009	19.70	2 1-	2 ACSR 6/1	0	0	434	228	9	0	0	0.00	3.97	0
23430005+	23430004	17.53	1 1-	2 ACSR 6/1	0	0	501	245	7	0	0	0.00	2.97	0
23430003+	23430004	17.46	1 1-	2 ACSR 6/1	0	0	504	245	7	0	0	0.00	2.97	0
20852209+	22590029	15.68	2 1-	2 ACSR 6/1	0	0	571	259	2	0	0	0.00	12.21	0
20852299+	20852209	15.71	1 1-	2 ACSR 6/1	0	0	570	259	0	0	0	0.00	12.21	0
22590030+	20852209	15.91	1 1-	2 ACSR 6/1	0	0	561	257	2	0	0	0.00	12.21	0
20852208+	22590029	15.70	1 1-	2 ACSR 6/1	0	0	571	259	4	0	0	0.00	8.52	0
20852298+	20852208	15.78	1 1-	2 ACSR 6/1	0	0	567	258	4	0	0	0.00	8.52	0
22590011+	20852208	15.78	0 1-	2 ACSR 6/1	0	0	567	258	0	0	0	0.00	8.52	0
22590023+	22590022	15.49	4 1-	2 ACSR 6/1	0	0	578	261	18	1	1	0.00	12.14	0
22590027+	22590023	15.52	3 1-	2 ACSR 6/1	0	0	577	260	15	1	1	0.00	12.14	0
22590028+	22590027	15.56	1 1-	2 ACSR 6/1	0	0	575	260	5	0	0	0.00	12.14	0
22590024+	22590023	15.56	1 1-	2 ACSR 6/1	0	0	575	260	3	0	0	0.00	12.14	0
22590018+	22590010	14.82	0 1-	2 ACSR 6/1	0	0	606	265	0	0	0	0.00	11.85	0
22680037+	22680040	13.69	1 1-	2 ACSR 6/1	0	0	658	273	8	0	0	0.00	8.23	0
22680032+	22680046	13.32	1 1-	2 ACSR 6/1	0	0	677	276	3	0	0	0.00	10.94	0
22670019+	22670043	12.94	3 1-	2 ACSR 6/1	0	0	698	279	14	1	1	0.00	8.03	0
22670020+	22670019	12.99	2 1-	2 ACSR 6/1	0	0	695	278	10	0	0	0.00	8.03	0
22670070+	22670020	13.09	1 1-	2 ACSR 6/1	0	0	688	277	5	0	0	0.00	8.03	0
22670045+	22670054	12.33	5 1-	2 ACSR 6/1	0	0	734	284	31	2	1	0.00	10.33	0
22670065+	22670045	12.37	2 1-	2 ACSR 6/1	0	0	732	283	14	1	1	0.00	10.33	0
22670085+	22670065	12.43	1 1-	2 ACSR 6/1	0	0	727	283	5	0	0	0.00	10.33	0
22670022+	22670024	12.01	6 1-	2 ACSR 6/1	0	0	754	286	37	2	1	0.00	7.73	0
22670028+	22670022	12.05	5 1-	2 ACSR 6/1	0	0	751	286	30	2	1	0.00	7.73	0
22670029+	22670028	12.08	4 1-	2 ACSR 6/1	0	0	749	286	24	1	1	0.00	7.74	0
22670030+	22670029	12.11	2 1-	2 ACSR 6/1	0	0	747	285	12	0	0	0.00	7.74	0
22670058+	22670029	12.13	1 1-	2 ACSR 6/1	0	0	745	285	4	0	0	0.00	7.74	0
22770023+	22760047	11.68	6 1-	2 ACSR 6/1	0	0	777	289	27	1	1	0.00	7.56	0
22660008+	22770023	11.74	4 1-	2 ACSR 6/1	0	0	772	288	25	1	1	0.00	7.56	0
22660006+	22660008	11.80	1 1-	2 ACSR 6/1	0	0	767	288	8	0	0	0.00	7.56	0
22660007+	22660006	11.88	0 1-	2 ACSR 6/1	0	0	761	287	0	0	0	0.00	7.56	0
22660005+	22660008	11.80	3 1-	2 ACSR 6/1	0	0	767	288	16	1	1	0.00	7.56	0
22760039+	22760021	11.60	10 1-	2 ACSR 6/1	0	0	783	290	48	3	2	0.00	9.75	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22760040+	22760039	11.64	8 1-	2 ACSR 6/1	0	0	779	289	41	2	2	0.00	9.75	0
22760041+	22760040	11.71	6 1-	2 ACSR 6/1	0	0	773	288	28	2	1	0.00	9.75	0
20850012+	22760041	11.77	1 1-	2 ACSR 6/1	0	0	768	288	4	0	0	0.00	9.75	0
22760042+	22760041	11.82	4 1-	2 ACSR 6/1	0	0	764	287	17	1	1	0.00	9.75	0
20850187+	22760042	12.00	1 1-	2 ACSR 6/1	0	0	750	285	8	0	0	0.00	9.75	0
20850013+	22760042	12.08	3 1-	2 ACSR 6/1	0	0	744	284	9	0	0	0.00	9.75	0
20850039+	20850013	12.16	2 1-	2 ACSR 6/1	0	0	738	283	4	0	0	0.00	9.75	0
22760025+	20850039	12.24	1 1-	2 ACSR 6/1	0	0	732	283	0	0	0	0.00	9.75	0
22760026+	22760025	12.34	0 1-	2 ACSR 6/1	0	0	724	281	0	0	0	0.00	9.75	0
22760022+	20850039	12.20	1 1-	2 ACSR 6/1	0	0	735	283	4	0	0	0.00	9.75	0
22760024+	22760022	12.25	1 1-	2 ACSR 6/1	0	0	731	282	4	0	0	0.00	9.75	0
20850040+	22760022	12.26	0 1-	2 ACSR 6/1	0	0	730	282	0	0	0	0.00	9.75	0
22760035+	22760034	11.48	1 1-	2 ACSR 6/1	0	0	791	291	6	0	0	0.00	9.61	0
22760046+	22760023	10.81	1 1-	2 ACSR 6/1	0	0	843	296	10	0	0	0.00	9.03	0
22750006+	22750005	10.24	1 1-	2 ACSR 6/1	0	0	892	301	4	0	0	0.00	6.73	0
22750015+	22750013	10.08	1 3-	1/0 ACSR 6/1	1210	1087	907	303	5	0	0	0.00	6.17	0
22850024+	22850049	9.47	4 3-	1/0 ACSR 6/1	1286	1159	968	308	81	1	1	0.00	5.79	0
22850031+	22850024	9.52	0 3-	1/0 ACSR 6/1	1280	1153	963	308	0	0	0	0.00	5.79	0
20850109+	22850031	9.54	0 3-	1/0 ACSR 6/1	1276	1149	960	307	0	0	0	0.00	5.79	0
D22-85-P031+	20850109	9.54	0 1-	FUS-20	0	0	960	307	0	0	0	0.00	7.76	0
22850035+	D22-85-P031	9.60	0 1-	2 ACSR 6/1	0	0	953	307	0	0	0	0.00	7.76	0
22850086+	22850035	9.64	0 1-	2 ACSR 6/1	0	0	949	306	0	0	0	0.00	7.76	0
20850106+	22850024	9.49	3 1-	2 ACSR 6/1	0	0	965	308	15	1	1	0.00	3.34	0
20850107+	20850106	9.53	1 1-	2 ACSR 6/1	0	0	960	307	4	0	0	0.00	3.34	0
22850051+	22850024	9.51	0 1-	2 ACSR 6/1	0	0	963	308	0	0	0	0.00	6.27	0
22850052+	22850051	9.58	0 1-	2 ACSR 6/1	0	0	954	307	0	0	0	0.00	6.27	0
22850053+	22850052	9.62	0 1-	2 ACSR 6/1	0	0	950	306	0	0	0	0.00	6.27	0
22850050+	22850049	9.53	1 1-	2 ACSR 6/1	0	0	959	307	1	0	0	0.00	6.27	0
22850044+	22850043	9.19	2 3-	1/0 ACSR 6/1	1324	1195	999	311	107	2	1	0.00	5.62	0
22850750+	22850044	9.19	2 3-	Consumer	1324	1195	999	311	107	2	0	0.00	5.62	0
22850045+	22850044	9.20	0 3-	1/0 ACSR 6/1	1323	1193	998	311	0	0	0	0.00	5.62	0
20850100+	22850045	9.22	0 3-	1/0 ACSR 6/1	1319	1190	995	310	0	0	0	0.00	5.62	0
20850101+	20850100	9.26	0 3-	1/0 ACSR 6/1	1314	1185	991	310	0	0	0	0.00	5.62	0
22850046+	20850101	9.30	0 3-	1/0 ACSR 6/1	1309	1180	986	310	0	0	0	0.00	5.62	0
20850102+	20850100	9.25	0 3-	1/0 ACSR 6/1	1315	1186	992	310	0	0	0	0.00	5.62	0
22850028+	22850027	9.04	0 1-	2 ACSR 6/1	0	0	1016	312	0	0	0	0.00	7.34	0
20850114+	22840060	8.67	205 3-	1/0 ACSR 6/1	1402	1268	1062	315	794	18	8	0.02	5.21	8
D22-85-P007+	20850114	8.67	202 3-	REC-50-E	1402	1268	1062	315	786	18	37	0.00	5.21	0
22850025+	D22-85-P007	8.87	202 3-	1/0 ACSR 6/1	1371	1239	1036	314	786	18	8	0.06	5.24	25
D22-85-P005+	22850025	8.87	17 1-	FUS-30	0	0	1036	314	107	7	27	0.00	3.06	0
20850108+	D22-85-P005	9.02	17 1-	2 ACSR 6/1	0	0	1015	312	107	7	4	0.02	3.08	1
20852138+	20850108	9.11	16 1-	2 ACSR 6/1	0	0	1003	310	99	6	4	0.01	3.09	0
20852185+	20852138	9.18	1 1-	2 ACSR 6/1	0	0	993	310	24	1	1	0.00	3.09	0
22850030+	20852138	9.18	11 1-	2 ACSR 6/1	0	0	993	310	49	3	2	0.00	3.09	0
22950002+	22850030	9.26	9 1-	2 ACSR 6/1	0	0	983	309	36	2	1	0.00	3.09	0
22950003+	22950002	9.35	6 1-	2 ACSR 6/1	0	0	972	307	25	1	1	0.00	3.09	0
22950004+	22950003	9.41	5 1-	2 ACSR 6/1	0	0	964	307	19	1	1	0.00	3.10	0
22950005+	22950004	9.47	2 1-	2 ACSR 6/1	0	0	957	306	7	0	0	0.00	3.10	0
22950006+	22950004	9.45	2 1-	2 ACSR 6/1	0	0	959	306	6	0	0	0.00	3.10	0
22950001+	22850030	9.22	1 1-	2 ACSR 6/1	0	0	989	309	7	0	0	0.00	3.09	0
22850029+	20852138	9.21	3 1-	2 ACSR 6/1	0	0	990	309	13	0	0	0.00	3.09	0
20850115+	22850025	8.98	184 3-	1/0 ACSR 6/1	1355	1224	1024	313	674	15	7	0.03	5.26	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D22-85-P172+	20850115	8.98	6 1-	FUS-30	0	0	1024	313	25	1	6	0.00	7.00	0
22850077+	D22-85-P172	9.09	6 1-	2 ACSR 6/1	0	0	1008	311	25	1	1	0.00	7.01	0
22840016+	22850077	9.15	4 1-	2 ACSR 6/1	0	0	1000	310	18	1	1	0.00	7.01	0
22840057+	22840016	9.24	3 1-	2 ACSR 6/1	0	0	988	309	10	0	0	0.00	7.01	0
22840058+	22840057	9.30	2 1-	2 ACSR 6/1	0	0	980	308	7	0	0	0.00	7.01	0
22840064+	22840058	9.39	1 1-	2 ACSR 6/1	0	0	969	307	0	0	0	0.00	7.01	0
22840063+	22840058	9.36	1 1-	2 ACSR 6/1	0	0	973	308	7	0	0	0.00	7.01	0
22850066+	20850115	9.03	176 3-	1/0 ACSR 6/1	1347	1217	1017	312	637	14	6	0.01	5.26	4
22940009+	22850066	9.18	175 3-	1/0 ACSR 6/1	1326	1196	1000	311	628	14	6	0.04	5.28	12
22940042+	22940009	9.37	2 1-	2 ACSR 6/1	0	0	975	308	5	0	0	0.00	7.05	0
22840017+	22940042	9.43	1 1-	2 ACSR 6/1	0	0	967	308	2	0	0	0.00	7.05	0
22940008+	22940009	9.25	172 3-	1/0 ACSR 6/1	1315	1186	992	310	615	14	6	0.02	5.29	6
22940030+	22940008	9.33	123 3-	1/0 ACSR 6/1	1304	1176	983	309	441	10	5	0.02	5.30	5
22940032+	22940030	9.50	121 3-	1/0 ACSR 6/1	1282	1155	965	308	430	10	4	0.04	5.31	11
22940041+	22940032	9.56	2 1-	2 ACSR 6/1	0	0	958	307	14	0	1	0.00	5.74	0
22940028+	22940032	9.57	1 1-	2 ACSR 6/1	0	0	957	307	9	0	0	0.00	5.74	0
22940027+	22940032	9.65	118 3-	1/0 ACSR 6/1	1263	1137	950	307	407	9	4	0.03	5.32	9
28040006+	22940027	9.74	2 1-	2 ACSR 6/1	0	0	938	305	8	0	0	0.00	7.16	0
28040007+	28040006	9.80	2 1-	2 ACSR 6/1	0	0	931	305	8	0	0	0.00	7.16	0
28040008+	28040007	9.93	1 1-	2 ACSR 6/1	0	0	917	303	5	0	0	0.00	7.16	0
28040005+	22940027	9.67	1 1-	2 ACSR 6/1	0	0	946	306	4	0	0	0.00	5.75	0
28040014+	22940027	9.74	115 3-	1/0 ACSR 6/1	1251	1126	940	306	395	9	4	0.02	5.33	6
28040016+	28040014	9.96	113 3-	1/0 ACSR 6/1	1224	1101	919	304	388	9	4	0.05	5.34	13
28050044+	28040016	10.16	110 3-	1/0 ACSR 6/1	1201	1078	900	302	381	8	4	0.04	5.36	12
28150018+	28050044	10.23	21 1-	2 ACSR 6/1	0	0	892	301	60	4	2	0.00	5.80	0
D28-05-P007+	28150018	10.23	21 1-	REC-25-E	0	0	892	301	60	4	17	0.00	5.80	0
28050027+	D28-05-P007	10.27	21 1-	2 ACSR 6/1	0	0	887	301	60	4	2	0.00	5.80	0
28050028+	28050027	10.30	19 1-	2 ACSR 6/1	0	0	884	300	53	3	2	0.00	5.81	0
28050029+	28050028	10.39	17 1-	2 ACSR 6/1	0	0	875	299	47	3	2	0.00	5.81	0
28050034+	28050029	10.50	15 1-	2 ACSR 6/1	0	0	864	298	45	3	2	0.00	5.82	0
28050036+	28050034	10.59	11 1-	2 ACSR 6/1	0	0	855	297	30	2	1	0.00	5.82	0
28050038+	28050036	10.63	10 1-	2 ACSR 6/1	0	0	851	296	24	1	1	0.00	5.82	0
28050039+	28050038	10.67	9 1-	2 ACSR 6/1	0	0	847	296	24	1	1	0.00	5.82	0
28050040+	28050039	10.72	4 1-	2 ACSR 6/1	0	0	842	295	15	1	1	0.00	5.82	0
28050033+	28050040	10.76	2 1-	2 ACSR 6/1	0	0	837	295	13	0	0	0.00	5.82	0
28050043+	28050033	10.84	1 1-	2 ACSR 6/1	0	0	830	294	7	0	0	0.00	5.82	0
D28-05-P022+	28050043	10.84	1 1-	FUS	0	0	830	294	7	0	11	0.00	5.82	0
28050047+	D28-05-P022	11.36	1 1-	2 ACSR 6/1	0	0	783	288	7	0	0	0.00	5.82	0
28050030+	28050033	10.82	1 1-	2 ACSR 6/1	0	0	832	294	6	0	0	0.00	5.82	0
28050045+	28050039	10.79	3 1-	2 ACSR 6/1	0	0	835	295	5	0	0	0.00	5.82	0
28050046+	28050045	10.84	3 1-	2 ACSR 6/1	0	0	830	294	5	0	0	0.00	5.82	0
28050041+	28050046	10.88	2 1-	2 ACSR 6/1	0	0	827	293	2	0	0	0.00	5.82	0
28050042+	28050041	10.92	2 1-	2 ACSR 6/1	0	0	823	293	2	0	0	0.00	5.82	0
28050032+	28050046	10.96	1 1-	2 ACSR 6/1	0	0	819	293	3	0	0	0.00	5.82	0
28050037+	28050036	10.68	1 1-	2 ACSR 6/1	0	0	846	296	6	0	0	0.00	5.82	0
28050035+	28050034	10.56	1 1-	2 ACSR 6/1	0	0	858	297	7	0	0	0.00	5.82	0
28050031+	28050034	10.58	1 1-	2 ACSR 6/1	0	0	855	297	3	0	0	0.00	5.82	0
28150017+	28050044	10.26	88 1-	2 ACSR 6/1	0	0	889	301	320	22	13	0.04	7.31	9
D28-15-P051+	28150017	10.26	87 1-	REC-25-E	0	0	889	301	316	22	90	0.00	7.31	0
28150028+	D28-15-P051	10.32	87 1-	2 ACSR 6/1	0	0	883	300	316	22	12	0.02	7.32	5
28150027+	28150028	10.39	79 1-	2 ACSR 6/1	0	0	875	299	283	20	11	0.02	7.35	5
28150030+	28150027	10.47	78 1-	2 ACSR 6/1	0	0	867	298	277	19	11	0.02	7.37	5

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
28150031+	28150030	10.56	78 1-	2 ACSR 6/1	0	0	858	297	277	19	11	0.03	7.40	6
28150032+	28150031	10.94	78 1-	2 ACSR 6/1	0	0	820	293	277	19	11	0.11	7.51	26
28150019+	28150032	11.06	76 1-	2 ACSR 6/1	0	0	809	291	267	18	11	0.03	7.55	7
28150020+	28150019	11.16	72 1-	2 ACSR 6/1	0	0	800	290	257	18	10	0.03	7.57	6
28150029+	28150020	11.27	72 1-	2 ACSR 6/1	0	0	791	289	257	18	10	0.03	7.60	6
28250031+	28150029	11.43	69 1-	2 ACSR 6/1	0	0	778	287	248	17	10	0.04	7.64	9
28250032+	28250031	11.53	69 1-	2 ACSR 6/1	0	0	769	286	248	17	10	0.03	7.67	5
28250025+	28250032	11.54	62 1-	2 ACSR 6/1	0	0	768	286	216	15	9	0.00	7.67	0
28250026+	28250025	11.62	59 1-	2 ACSR 6/1	0	0	761	285	210	14	8	0.02	7.69	3
28250028+	28250026	11.74	57 1-	2 ACSR 6/1	0	0	752	284	202	14	8	0.03	7.72	4
28250040+	28250028	11.79	55 1-	2 ACSR 6/1	0	0	749	283	197	14	8	0.01	7.73	2
28250041+	28250040	11.94	55 1-	2 ACSR 6/1	0	0	736	282	197	14	8	0.03	7.76	5
28250022+	28250041	12.01	54 1-	2 ACSR 6/1	0	0	732	281	195	13	8	0.01	7.77	2
28250023+	28250022	12.10	52 1-	2 ACSR 6/1	0	0	725	280	192	13	8	0.02	7.79	3
28250029+	28250023	12.15	51 1-	2 ACSR 6/1	0	0	721	279	184	13	7	0.01	7.80	1
28250030+	28250029	12.22	49 1-	2 ACSR 6/1	0	0	716	279	181	12	7	0.01	7.82	2
28250036+	28250030	12.30	43 1-	2 ACSR 6/1	0	0	710	278	162	11	6	0.01	7.83	2
28250037+	28250036	12.35	1 1-	2 ACSR 6/1	0	0	707	277	2	0	0	0.00	7.83	0
28250035+	28250036	12.38	1 1-	2 ACSR 6/1	0	0	705	277	1	0	0	0.00	7.83	0
28250034+	28250036	12.40	39 1-	2 ACSR 6/1	0	0	703	277	155	11	6	0.02	7.85	2
D28-35-P004+	28250034	12.40	3 1-	FUS	0	0	703	277	12	0	19	0.00	7.85	0
28350015+	D28-35-P004	12.42	3 1-	2 ACSR 6/1	0	0	702	277	12	0	0	0.00	7.85	0
28350032+	28350015	12.97	2 1-	2 ACSR 6/1	0	0	665	271	9	0	0	0.01	7.85	0
28240001+	28350032	13.03	2 1-	2 ACSR 6/1	0	0	662	270	9	0	0	0.00	7.85	0
28240002+	28240001	13.38	2 1-	2 ACSR 6/1	0	0	640	267	9	0	0	0.00	7.86	0
28250039+	28240002	13.55	2 1-	2 ACSR 6/1	0	0	631	265	9	0	0	0.00	7.86	0
28250038+	28250039	13.60	1 1-	2 ACSR 6/1	0	0	628	265	6	0	0	0.00	7.86	0
28350024+	28250034	12.41	36 1-	2 ACSR 6/1	0	0	703	277	143	10	6	0.00	7.85	0
28-35-P004-B+	28350024	12.41	36 1-	Closed	0	0	703	277	143	10	0	0.00	7.85	0
28-35-P004-A+	28-35-P004-B	12.41	36 1-	Closed	0	0	703	277	143	10	0	0.00	7.85	0
28350025+	28-35-P004-A	12.45	36 1-	2 ACSR 6/1	0	0	700	276	143	10	6	0.01	7.85	0
28350018+	28350025	12.51	1 1-	2 ACSR 6/1	0	0	696	276	3	0	0	0.00	7.85	0
28350029+	28350025	12.50	34 1-	2 ACSR 6/1	0	0	696	276	132	9	5	0.01	7.86	0
28350030+	28350029	12.55	32 1-	2 ACSR 6/1	0	0	693	275	125	8	5	0.01	7.87	0
28350036+	28350030	12.58	2 1-	2 ACSR 6/1	0	0	690	275	5	0	0	0.00	7.87	0
28350033+	28350030	12.61	5 1-	2 ACSR 6/1	0	0	689	275	27	1	1	0.00	7.87	0
28350034+	28350033	12.69	2 1-	2 ACSR 6/1	0	0	684	274	10	0	0	0.00	7.87	0
28350019+	28350030	12.60	25 1-	2 ACSR 6/1	0	0	690	275	94	6	4	0.00	7.87	0
28350031+	28350019	12.68	18 1-	2 ACSR 6/1	0	0	684	274	69	4	3	0.01	7.88	0
28350026+	28350031	12.75	14 1-	2 ACSR 6/1	0	0	680	273	60	4	2	0.00	7.88	0
28350028+	28350026	12.91	6 1-	2 ACSR 6/1	0	0	669	272	24	1	1	0.00	7.89	0
28350023+	28350028	12.96	4 1-	2 ACSR 6/1	0	0	666	271	18	1	1	0.00	7.89	0
28350035+	28350028	13.02	1 1-	2 ACSR 6/1	0	0	663	271	2	0	0	0.00	7.89	0
28350027+	28350026	12.80	4 1-	2 ACSR 6/1	0	0	676	273	22	1	1	0.00	7.88	0
28350021+	28350027	12.84	2 1-	2 ACSR 6/1	0	0	674	272	6	0	0	0.00	7.88	0
28350022+	28350021	12.88	2 1-	2 ACSR 6/1	0	0	671	272	6	0	0	0.00	7.88	0
28350020+	28350027	12.87	1 1-	2 ACSR 6/1	0	0	672	272	8	0	0	0.00	7.88	0
28350001+	28350019	12.62	4 1-	2 ACSR 6/1	0	0	688	275	20	1	1	0.00	7.87	0
28350016+	28350019	12.62	3 1-	2 ACSR 6/1	0	0	688	275	5	0	0	0.00	7.87	0
28350017+	28350016	12.86	1 1-	2 ACSR 6/1	0	0	673	272	4	0	0	0.00	7.87	0
28250042+	28250030	12.26	3 1-	2 ACSR 6/1	0	0	713	278	14	0	1	0.00	7.82	0
28250033+	28250042	12.44	1 1-	2 ACSR 6/1	0	0	701	276	7	0	0	0.00	7.82	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
28250024+	28250030	12.26	3 1-	2 ACSR 6/1	0	0	713	278	5	0	0	0.00	7.82	0
28250027+	28250026	11.73	1 1-	2 ACSR 6/1	0	0	753	284	5	0	0	0.00	7.69	0
28250019+	28250032	11.55	7 1-	2 ACSR 6/1	0	0	767	286	32	2	1	0.00	7.67	0
28250020+	28250019	11.57	4 1-	2 ACSR 6/1	0	0	766	286	18	1	1	0.00	7.67	0
28250021+	28250020	11.63	2 1-	2 ACSR 6/1	0	0	761	285	9	0	0	0.00	7.67	0
28150025+	28150027	10.52	1 1-	2 ACSR 6/1	0	0	861	298	5	0	0	0.00	7.35	0
28150026+	28150028	10.37	4 1-	2 ACSR 6/1	0	0	877	299	9	0	0	0.00	7.33	0
28150014+	28150026	10.41	3 1-	2 ACSR 6/1	0	0	873	299	8	0	0	0.00	7.33	0
28150021+	28150028	10.36	3 1-	2 ACSR 6/1	0	0	878	300	24	1	1	0.00	7.33	0
28150022+	28150021	10.44	2 1-	2 ACSR 6/1	0	0	870	299	15	1	1	0.00	7.33	0
28150023+	28150022	10.49	1 1-	2 ACSR 6/1	0	0	865	298	7	0	0	0.00	7.33	0
28150024+	28150023	10.54	0 1-	2 ACSR 6/1	0	0	860	297	0	0	0	0.00	7.33	0
28150016+	28150024	10.65	0 1-	2 ACSR 6/1	0	0	849	296	0	0	0	0.00	7.33	0
28150015+	28150024	10.68	0 1-	2 ACSR 6/1	0	0	846	296	0	0	0	0.00	7.33	0
28050025+	28040016	10.06	3 1-	2 ACSR 6/1	0	0	907	302	7	0	0	0.00	5.78	0
28050026+	28050025	10.12	2 1-	2 ACSR 6/1	0	0	900	302	6	0	0	0.00	5.78	0
28040015+	28040014	9.78	1 1-	2 ACSR 6/1	0	0	935	305	2	0	0	0.00	5.76	0
22940031+	22940030	9.37	1 1-	2 ACSR 6/1	0	0	978	309	7	0	0	0.00	3.08	0
22940029+	22940008	9.34	49 1-	2 ACSR 6/1	0	0	981	309	173	11	7	0.01	3.10	2
22940033+	22940029	9.40	47 1-	2 ACSR 6/1	0	0	973	308	163	11	6	0.01	3.11	1
22940035+	22940033	9.43	0 1-	2 ACSR 6/1	0	0	969	308	0	0	0	0.00	3.11	0
22940034+	22940033	9.50	46 1-	2 ACSR 6/1	0	0	960	307	160	10	6	0.02	3.12	2
D22-94-P020+	22940034	9.50	46 1-	REC-25-E	0	0	960	307	160	10	44	0.00	3.12	0
22940007+	D22-94-P020	9.54	46 1-	2 ACSR 6/1	0	0	956	306	160	10	6	0.01	3.13	0
22940012+	22940007	9.56	31 1-	2 ACSR 6/1	0	0	952	306	103	7	4	0.00	3.13	0
22940014+	22940012	9.59	29 1-	2 ACSR 6/1	0	0	949	306	95	6	4	0.00	3.14	0
22940015+	22940014	9.68	0 1-	2 ACSR 6/1	0	0	938	305	0	0	0	0.00	3.14	0
22940013+	22940014	9.73	27 1-	2 ACSR 6/1	0	0	933	304	90	6	3	0.01	3.15	0
22840020+	22940013	9.91	1 1-	2 ACSR 6/1	0	0	911	302	9	0	0	0.00	3.15	0
22840008+	22940013	9.82	26 1-	2 ACSR 6/1	0	0	922	303	81	5	3	0.01	3.16	0
22940020+	22840008	9.85	24 1-	2 ACSR 6/1	0	0	918	303	72	4	3	0.00	3.16	0
22940021+	22940020	9.99	23 1-	2 ACSR 6/1	0	0	902	301	72	4	3	0.01	3.17	0
22940022+	22940021	10.03	22 1-	2 ACSR 6/1	0	0	898	300	69	4	3	0.00	3.17	0
22940024+	22940022	10.24	20 1-	2 ACSR 6/1	0	0	875	298	63	4	2	0.01	3.19	0
22940025+	22940024	10.29	19 1-	2 ACSR 6/1	0	0	870	297	58	3	2	0.00	3.19	0
22940023+	22940025	10.43	17 1-	2 ACSR 6/1	0	0	856	296	56	3	2	0.01	3.20	0
22940044+	22940023	10.51	2 1-	2 ACSR 6/1	0	0	847	295	12	0	0	0.00	3.20	0
22940047+	22940044	10.57	1 1-	2 ACSR 6/1	0	0	842	294	6	0	0	0.00	3.20	0
22940046+	22940044	10.58	1 1-	2 ACSR 6/1	0	0	841	294	6	0	0	0.00	3.20	0
22940043+	22940023	10.63	14 1-	2 ACSR 6/1	0	0	836	293	41	2	2	0.01	3.20	0
28040017+	22940043	10.77	14 1-	2 ACSR 6/1	0	0	822	292	41	2	2	0.01	3.21	0
28040018+	28040017	10.97	14 1-	2 ACSR 6/1	0	0	805	290	41	2	2	0.01	3.22	0
28040004+	28040018	11.07	1 1-	2 ACSR 6/1	0	0	795	288	9	0	0	0.00	3.22	0
28040003+	28040018	11.34	13 1-	2 ACSR 6/1	0	0	772	285	32	2	1	0.01	3.23	0
20851709+	28040003	11.41	12 1-	2 ACSR 6/1	0	0	766	285	27	1	1	0.00	3.23	0
20851711+	20851709	11.46	4 1-	2 ACSR 6/1	0	0	762	284	9	0	0	0.00	3.23	0
28140003+	20851711	11.49	3 1-	2 ACSR 6/1	0	0	760	284	5	0	0	0.00	3.23	0
28140004+	28140003	11.51	2 1-	2 ACSR 6/1	0	0	758	284	3	0	0	0.00	3.23	0
20851710+	20851709	11.46	7 1-	2 ACSR 6/1	0	0	763	284	17	1	1	0.00	3.23	0
20851683+	20851710	11.75	1 1-	2 ACSR 6/1	0	0	739	281	0	0	0	0.00	3.23	0
28140002+	20851710	11.66	6 1-	2 ACSR 6/1	0	0	746	282	16	1	1	0.00	3.24	0
20851684+	28140002	11.76	1 1-	2 ACSR 6/1	0	0	739	281	6	0	0	0.00	3.24	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851641+	28140002	11.77	4 1-	2 ACSR 6/1	0	0	738	281	9	0	0	0.00	3.24	0
20851712+	20851641	11.84	3 1-	2 ACSR 6/1	0	0	733	280	6	0	0	0.00	3.24	0
20851713+	20851712	11.90	1 1-	2 ACSR 6/1	0	0	728	279	1	0	0	0.00	3.24	0
20851640+	28140002	11.74	1 1-	2 ACSR 6/1	0	0	740	281	1	0	0	0.00	3.24	0
20851293+	28040003	11.42	1 1-	2 ACSR 6/1	0	0	765	285	5	0	0	0.00	3.23	0
22940017+	22940022	10.08	2 1-	2 ACSR 6/1	0	0	893	300	6	0	0	0.00	3.17	0
22940019+	22940017	10.12	1 1-	2 ACSR 6/1	0	0	888	299	5	0	0	0.00	3.17	0
22940018+	22940017	10.50	0 1-	2 ACSR 6/1	0	0	848	295	0	0	0	0.00	3.17	0
22940016+	22840008	9.88	2 1-	2 ACSR 6/1	0	0	914	302	8	0	0	0.00	3.16	0
22940036+	22940007	9.60	13 1-	2 ACSR 6/1	0	0	948	306	49	3	2	0.00	3.13	0
22940037+	22940036	9.65	11 1-	2 ACSR 6/1	0	0	941	305	44	3	2	0.00	3.14	0
22940038+	22940037	9.70	1 1-	2 ACSR 6/1	0	0	935	304	5	0	0	0.00	3.14	0
22940010+	22940037	9.69	2 1-	2 ACSR 6/1	0	0	937	305	10	0	0	0.00	3.14	0
22940011+	22940037	9.72	2 1-	2 ACSR 6/1	0	0	934	304	6	0	0	0.00	3.14	0
22940039+	22940037	9.71	3 1-	2 ACSR 6/1	0	0	934	304	13	0	1	0.00	3.14	0
22940040+	22940039	9.77	2 1-	2 ACSR 6/1	0	0	928	304	6	0	0	0.00	3.14	0
22940026+	22940007	9.57	1 1-	2 ACSR 6/1	0	0	952	306	8	0	0	0.00	3.13	0
22850041+	20850114	8.77	3 1-	2 ACSR 6/1	0	0	1047	314	8	0	0	0.00	6.92	0
22840015+	22850041	8.80	1 1-	2 ACSR 6/1	0	0	1041	314	7	0	0	0.00	6.92	0
22630006+	22630012	4.99	0 1-	2 ACSR 6/1	0	0	1672	342	0	0	0	0.00	2.93	0
22630011+	22630010	4.88	2 1-	2 ACSR 6/1	0	0	1701	343	16	1	1	0.00	1.54	0
22630015+	22630011	4.93	1 1-	2 ACSR 6/1	0	0	1685	342	7	0	0	0.00	1.54	0
22630007+	22630011	4.92	1 1-	2 ACSR 6/1	0	0	1689	342	9	0	0	0.00	1.54	0
22540036+	22540032	4.17	1 1-	2 ACSR 6/1	0	0	1872	346	4	1	0	0.00	1.41	0
22330013+	22330011	1.43	219 3-	1/0 ACSR 6/1	3195	3095	3091	359	962	21	9	0.00	0.93	1
D22-33-P024+	22330013	1.43	219 3-	REC-100-E	3195	3095	3091	359	962	21	22	0.00	0.93	0
22330029+	D22-33-P024	1.61	219 3-	1/0 ACSR 6/1	3072	2964	2927	357	962	21	9	0.02	0.96	23
22330047+	22330029	1.65	218 3-	1/0 ACSR 6/1	3041	2931	2886	357	939	21	9	0.00	0.96	6
22330049+	22330047	1.69	1 1-	2 ACSR 6/1	0	0	2841	356	9	0	0	0.00	1.22	0
22330050+	22330049	1.71	1 1-	25 KV 1/0 URD X	0	0	2829	866	9	0	0	0.00	1.22	0
22330048+	22330047	1.74	217 3-	1/0 ACSR 6/1	2980	2866	2807	356	930	20	9	0.01	0.97	12
22330034+	22330048	1.82	216 3-	1/0 ACSR 6/1	2929	2812	2742	355	927	20	9	0.01	0.98	10
22330035+	22330034	1.91	2 1-	2 ACSR 6/1	0	0	2664	354	6	0	0	0.00	1.05	0
22330010+	22330034	1.89	214 3-	1/0 ACSR 6/1	2882	2762	2682	354	921	20	9	0.01	0.99	9
22340013+	22330010	1.95	213 3-	1/0 ACSR 6/1	2845	2723	2636	353	916	20	9	0.01	1.00	7
22340014+	22340013	2.04	212 3-	1/0 ACSR 6/1	2796	2671	2576	353	911	20	9	0.01	1.01	10
22340015+	22340014	2.08	210 3-	1/0 ACSR 6/1	2767	2641	2541	352	904	20	9	0.00	1.02	6
D22-24-P045+	22340015	2.08	4 1-	FUS	0	0	2541	352	11	0	17	0.00	1.26	0
22240049+	D22-24-P045	2.13	4 1-	2 ACSR 6/1	0	0	2507	351	11	0	0	0.00	1.26	0
22240016+	22240049	2.27	2 1-	2 ACSR 6/1	0	0	2396	349	10	0	0	0.00	1.26	0
22240054+	22240016	2.36	1 1-	2 ACSR 6/1	0	0	2332	348	2	0	0	0.00	1.26	0
22240055+	22240054	2.54	1 1-	2 ACSR 6/1	0	0	2210	345	2	0	0	0.00	1.26	0
22240056+	22240055	2.61	0 1-	2 ACSR 6/1	0	0	2166	344	0	0	0	0.00	1.26	0
22240053+	22240056	2.72	0 1-	2 ACSR 6/1	0	0	2096	343	0	0	0	0.00	1.26	0
22240017+	22240016	2.38	1 1-	2 ACSR 6/1	0	0	2318	348	8	0	0	0.00	1.26	0
22240032+	22340015	2.14	206 3-	1/0 ACSR 6/1	2737	2609	2503	352	893	20	9	0.00	1.02	6
22240033+	22240032	2.22	204 3-	1/0 ACSR 6/1	2689	2559	2446	351	887	19	9	0.01	1.04	10
22240018+	22240033	2.28	1 1-	2 ACSR 6/1	0	0	2405	350	3	0	0	0.00	1.12	0
22240008+	22240033	2.29	203 3-	1/0 ACSR 6/1	2654	2521	2404	350	884	19	9	0.01	1.04	8
22240035+	22240008	2.35	1 1-	2 ACSR 6/1	0	0	2358	349	0	0	0	0.00	1.13	0
22240020+	22240008	2.31	3 1-	2 ACSR 6/1	0	0	2387	350	8	0	0	0.00	1.28	0
22240034+	22240020	2.37	2 1-	2 ACSR 6/1	0	0	2344	349	3	0	0	0.00	1.28	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22240019+	22240008	2.32	1 1-	2 ACSR 6/1	0	0	2384	350	3	0	0	0.00	1.28	0
22240009+	22240008	2.36	198 3-	1/0 ACSR 6/1	2617	2483	2361	349	873	19	9	0.01	1.05	8
22240021+	22240009	2.41	1 1-	2 ACSR 6/1	0	0	2322	348	7	0	0	0.00	1.29	0
22240010+	22240009	2.42	197 3-	1/0 ACSR 6/1	2585	2450	2324	349	865	19	9	0.00	1.06	7
22240036+	22240010	2.46	2 1-	2 ACSR 6/1	0	0	2292	348	7	0	0	0.00	1.29	0
22240022+	22240010	2.49	195 3-	1/0 ACSR 6/1	2550	2413	2284	348	858	19	8	0.00	1.07	8
22240023+	22240022	2.57	1 1-	2 ACSR 6/1	0	0	2229	347	2	0	0	0.00	1.30	0
22240014+	22240022	2.58	193 3-	1/0 ACSR 6/1	2503	2364	2229	347	854	19	8	0.01	1.08	10
22240024+	22240014	2.65	191 3-	1/0 ACSR 6/1	2472	2332	2194	346	844	19	8	0.00	1.09	7
22240025+	22240024	2.71	190 3-	1/0 ACSR 6/1	2442	2301	2161	346	842	19	8	0.00	1.09	7
22240037+	22240025	2.74	187 3-	1/0 ACSR 6/1	2426	2285	2143	345	836	18	8	0.00	1.10	4
22240041+	22240037	2.83	171 3-	1/0 ACSR 6/1	2386	2243	2098	344	779	17	8	0.00	1.11	9
22240050+	22240041	2.91	169 3-	1/0 ACSR 6/1	2352	2209	2061	344	772	17	8	0.00	1.11	7
22240002+	22240050	2.98	2 3-	2 ACSR 6/1	2318	2173	2024	343	155	3	2	0.00	1.12	0
22240210+	22240002	2.98	2 3-	Consumer	2318	2173	2024	343	155	3	0	0.00	1.12	0
22240052+	22240050	2.98	1 1-	2 ACSR 6/1	0	0	2024	343	0	0	0	0.00	1.32	0
22240051+	22240050	3.00	166 3-	1/0 ACSR 6/1	2315	2171	2021	343	617	14	6	0.00	1.12	6
22240026+	22240051	3.04	165 3-	1/0 ACSR 6/1	2295	2150	1999	342	613	14	6	0.00	1.12	3
22240042+	22240026	3.09	165 3-	1/0 ACSR 6/1	2278	2132	1980	342	613	14	6	0.00	1.12	3
22240043+	22240042	3.24	164 3-	1/0 ACSR 6/1	2216	2069	1913	340	612	14	6	0.00	1.14	10
22240044+	22240043	3.30	2 1-	2 ACSR 6/1	0	0	1887	340	7	0	0	0.00	1.33	0
22240027+	22240043	3.32	4 1-	2 ACSR 6/1	0	0	1877	339	12	0	0	0.00	1.28	0
22240028+	22240027	3.36	1 1-	2 ACSR 6/1	0	0	1857	339	6	0	0	0.00	1.28	0
22240011+	22240043	3.32	158 3-	1/0 ACSR 6/1	2187	2040	1883	340	593	14	6	0.00	1.14	5
22240057+	22240011	3.49	157 3-	1/0 ACSR 6/1	2123	1976	1816	338	585	14	6	0.00	1.15	10
22140016+	22240057	3.57	157 3-	1/0 ACSR 6/1	2094	1946	1786	337	585	14	6	0.00	1.16	5
22140019+	22140016	3.62	12 1-	2 ACSR 6/1	0	0	1766	336	30	1	1	0.00	1.32	0
22140020+	22140019	3.78	12 1-	2 ACSR 6/1	0	0	1700	334	30	1	1	0.00	1.33	0
22150028+	22140020	3.86	7 1-	2 ACSR 6/1	0	0	1668	333	23	1	1	0.00	1.33	0
22150029+	22150028	3.94	2 1-	2 ACSR 6/1	0	0	1639	332	7	0	0	0.00	1.33	0
22150026+	22140020	3.84	3 1-	2 ACSR 6/1	0	0	1677	333	4	0	0	0.00	1.33	0
22140017+	22140016	3.63	145 3-	1/0 ACSR 6/1	2074	1926	1765	337	555	13	6	0.00	1.16	3
22140018+	22140017	3.67	145 3-	1/0 ACSR 6/1	2058	1910	1749	336	555	13	6	0.00	1.16	2
22-14-P011-B+	22140018	3.67	145 3-	Closed	2058	1910	1749	336	555	13	0	0.00	1.16	0
22-14-P011-A+	22-14-P011-B	3.67	145 3-	Closed	2058	1910	1749	336	555	13	0	0.00	1.16	0
22140010+	22-14-P011-A	4.08	145 3-	1/0 ACSR 6/1	1929	1782	1619	332	555	13	6	0.01	1.18	22
22150027+	22140010	4.15	142 3-	1/0 ACSR 6/1	1906	1759	1596	331	549	13	6	0.00	1.19	4
22150015+	22150027	4.24	141 3-	1/0 ACSR 6/1	1882	1735	1572	331	546	13	6	0.00	1.19	4
22150014+	22150015	4.33	139 3-	1/0 ACSR 6/1	1857	1710	1547	330	544	13	6	0.00	1.20	5
22150024+	22150014	4.37	3 1-	2 ACSR 6/1	0	0	1532	329	5	0	0	0.00	1.35	0
22150025+	22150024	4.43	2 1-	2 ACSR 6/1	0	0	1513	328	2	0	0	0.00	1.35	0
22150012+	22150014	4.38	136 3-	1/0 ACSR 6/1	1841	1694	1531	329	538	13	6	0.00	1.20	3
22150023+	22150012	4.42	0 1-	2 ACSR 6/1	0	0	1518	329	0	0	0	0.00	1.35	0
22150022+	22150012	4.43	136 3-	1/0 ACSR 6/1	1828	1682	1519	329	538	13	6	0.00	1.20	2
22150021+	22150022	4.53	132 3-	1/0 ACSR 6/1	1800	1654	1492	328	529	12	6	0.00	1.21	5
22150016+	22150021	4.58	127 3-	1/0 ACSR 6/1	1787	1642	1479	327	518	12	6	0.00	1.21	2
22150019+	22150016	4.77	126 3-	1/0 ACSR 6/1	1739	1594	1433	325	516	12	6	0.00	1.22	9
22050003+	22150019	4.87	125 3-	1/0 ACSR 6/1	1715	1570	1410	325	514	12	5	0.00	1.22	5
22050005+	22050003	4.95	125 3-	1/0 ACSR 6/1	1695	1552	1391	324	514	12	5	0.00	1.23	4
22050006+	22050005	5.07	125 3-	1/0 ACSR 6/1	1669	1526	1366	323	514	12	5	0.00	1.23	6
22050004+	22050006	5.23	125 3-	1/0 ACSR 6/1	1634	1492	1333	321	514	12	5	0.00	1.24	8
16950007+	22050004	5.28	125 3-	1/0 ACSR 6/1	1622	1480	1322	321	514	12	5	0.00	1.24	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16950008+	16950007	5.37	125 3-	1/0 ACSR 6/1	1604	1462	1305	320	514	12	5	0.00	1.25	4
16950004+	16950008	5.51	123 3-	1/0 ACSR 6/1	1574	1433	1277	319	507	12	5	0.00	1.25	7
16950006+	16950004	5.56	121 3-	1/0 ACSR 6/1	1563	1423	1268	318	500	12	5	0.00	1.26	2
16950005+	16950006	5.60	120 3-	1/0 ACSR 6/1	1555	1415	1260	318	497	12	5	0.00	1.26	2
16950002+	16950005	5.74	119 3-	1/0 ACSR 6/1	1527	1389	1234	317	494	12	5	0.00	1.27	7
16850041+	16950002	5.85	1 1-	2 ACSR 6/1	0	0	1212	315	2	0	0	0.00	1.55	0
16850029+	16950002	5.77	116 3-	1/0 ACSR 6/1	1521	1383	1229	316	485	12	5	0.00	1.27	1
20852199+	16850029	5.78	115 3-	1/0 ACSR 6/1	1520	1381	1228	316	485	12	5	0.00	1.27	0
D16-85-P001+	20852199	5.78	115 3-	REC-70-E	1520	1381	1228	316	485	12	17	0.00	1.27	0
16850013+	D16-85-P001	6.02	115 3-	1/0 ACSR 6/1	1477	1340	1188	314	485	12	5	0.00	1.28	11
16850036+	16850013	6.04	3 1-	2 ACSR 6/1	0	0	1184	314	4	0	0	0.00	1.38	0
16850037+	16850036	6.07	1 1-	2 ACSR 6/1	0	0	1177	313	1	0	0	0.00	1.38	0
16850038+	16850013	6.09	109 3-	1/0 ACSR 6/1	1463	1327	1176	313	473	11	5	0.00	1.28	3
16850039+	16850038	6.20	4 1-	2 ACSR 6/1	0	0	1155	312	6	0	0	0.00	1.58	0
16850040+	16850039	6.31	3 1-	2 ACSR 6/1	0	0	1136	311	4	0	0	0.00	1.58	0
16850022+	16850040	6.62	2 1-	2 ACSR 6/1	0	0	1082	307	4	0	0	0.00	1.58	0
16950003+	16850022	6.65	2 1-	2 ACSR 6/1	0	0	1077	307	4	0	0	0.00	1.58	0
16950001+	16950003	6.69	1 1-	2 ACSR 6/1	0	0	1070	306	2	0	0	0.00	1.58	0
16850035+	16850038	6.27	104 3-	1/0 ACSR 6/1	1432	1297	1148	312	465	11	5	0.00	1.29	8
16850012+	16850035	6.52	100 3-	1/0 ACSR 6/1	1391	1259	1112	310	450	11	5	0.00	1.30	10
D16-85-P008+	16850012	6.52	16 1-	FUS	0	0	1112	310	48	3	75	0.00	1.62	0
16850026+	D16-85-P008	6.68	16 1-	2 ACSR 6/1	0	0	1083	308	48	3	2	0.01	1.63	0
16850027+	16850026	6.76	15 1-	2 ACSR 6/1	0	0	1072	307	47	3	2	0.00	1.63	0
16850031+	16850027	6.81	1 1-	2 ACSR 6/1	0	0	1063	306	2	0	0	0.00	1.63	0
16850028+	16850027	6.81	14 1-	2 ACSR 6/1	0	0	1062	306	45	3	2	0.00	1.63	0
20852221+	16850028	7.01	14 1-	2 ACSR 6/1	0	0	1032	304	45	3	2	0.01	1.64	0
20852222+	20852221	7.13	13 1-	2 ACSR 6/1	0	0	1014	302	43	2	2	0.01	1.65	0
20852223+	20852222	7.19	12 1-	2 ACSR 6/1	0	0	1006	302	41	2	2	0.00	1.65	0
20852225+	20852223	7.26	3 1-	2 ACSR 6/1	0	0	995	301	3	0	0	0.00	1.65	0
20852226+	20852225	7.32	1 1-	2 ACSR 6/1	0	0	988	300	2	0	0	0.00	1.65	0
20852224+	20852223	7.23	1 1-	2 ACSR 6/1	0	0	999	301	5	0	0	0.00	1.65	0
16860001+	20852223	7.30	8 1-	2 ACSR 6/1	0	0	990	300	33	2	1	0.00	1.65	0
16860002+	16860001	7.38	7 1-	2 ACSR 6/1	0	0	979	299	26	1	1	0.00	1.66	0
16860003+	16860002	7.48	6 1-	2 ACSR 6/1	0	0	966	298	26	1	1	0.00	1.66	0
20852228+	16860003	7.52	4 1-	2 ACSR 6/1	0	0	961	298	18	1	1	0.00	1.66	0
16860005+	20852228	7.56	3 1-	2 ACSR 6/1	0	0	955	297	10	0	0	0.00	1.66	0
20852229+	16860005	7.62	0 1-	2 ACSR 6/1	0	0	947	297	0	0	0	0.00	1.66	0
20852227+	16860003	7.53	1 1-	2 ACSR 6/1	0	0	958	297	8	0	0	0.00	1.66	0
16850025+	16850012	6.59	84 3-	1/0 ACSR 6/1	1380	1248	1102	309	402	10	5	0.00	1.30	2
16850024+	16850025	6.61	84 3-	1/0 ACSR 6/1	1377	1245	1099	309	402	10	5	0.00	1.30	0
20852156+	16850024	6.64	0 1-	2 ACSR 6/1	0	0	1094	309	0	0	0	0.00	1.39	0
16850023+	16850024	6.71	1 1-	2 ACSR 6/1	0	0	1082	308	2	0	0	0.00	1.63	0
16850009+	16850024	6.77	83 3-	1/0 ACSR 6/1	1351	1221	1076	307	400	10	5	0.00	1.30	5
16850019+	16850009	6.80	5 1-	2 ACSR 6/1	0	0	1071	307	8	0	0	0.00	1.39	0
16850021+	16850019	6.96	3 1-	2 ACSR 6/1	0	0	1047	305	4	0	0	0.00	1.39	0
16750024+	16850021	7.02	1 1-	2 ACSR 6/1	0	0	1037	304	0	0	0	0.00	1.39	0
16850020+	16850019	6.83	1 1-	2 ACSR 6/1	0	0	1067	307	4	0	0	0.00	1.39	0
16850011+	16850009	6.88	78 3-	1/0 ACSR 6/1	1335	1205	1061	306	392	10	5	0.00	1.31	3
C16-75-P66+	16850011	6.88	0 3-	Capacitor	1335	1205	1061	306	0	-7	0	0.00	1.31	0
16750018+	16850011	6.99	78 3-	1/0 ACSR 6/1	1319	1190	1047	306	392	8	4	0.01	1.31	3
20851112+	16750018	7.08	50 3-	1/0 ACSR 6/1	1307	1179	1037	305	205	4	2	0.00	1.32	0
20851111+	20851112	7.16	45 3-	1/0 ACSR 6/1	1295	1168	1027	304	198	4	2	0.00	1.32	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850705+	20851111	7.22	2 1-	2 ACSR 6/1	0	0	1018	303	2	0	0	0.00	1.66	0
20850594+	20851111	7.23	43 3-	1/0 ACSR 6/1	1285	1158	1017	303	195	4	2	0.00	1.32	0
20850704+	20850594	7.31	1 1-	2 ACSR 6/1	0	0	1007	303	8	0	0	0.00	1.67	0
20850652+	20850594	7.32	31 3-	1/0 ACSR 6/1	1273	1147	1007	303	156	3	2	0.00	1.33	0
20850499+	20850652	7.41	10 1-	2 ACSR 6/1	0	0	995	302	41	2	2	0.00	1.68	0
20850500+	20850499	7.45	8 1-	2 ACSR 6/1	0	0	988	301	31	2	1	0.00	1.68	0
20850501+	20850500	7.48	3 1-	2 ACSR 6/1	0	0	985	301	5	0	0	0.00	1.68	0
20850648+	20850500	7.53	5 1-	2 ACSR 6/1	0	0	978	300	26	1	1	0.00	1.68	0
20850700+	20850648	7.58	4 1-	2 ACSR 6/1	0	0	971	300	21	1	1	0.00	1.68	0
20850702+	20850700	7.62	2 1-	2 ACSR 6/1	0	0	966	299	11	0	0	0.00	1.68	0
20850649+	20850702	7.64	1 1-	2 ACSR 6/1	0	0	963	299	5	0	0	0.00	1.68	0
20850650+	20850649	7.78	1 1-	2 ACSR 6/1	0	0	945	297	5	0	0	0.00	1.68	0
20850703+	20850650	7.84	1 1-	2 ACSR 6/1	0	0	938	297	5	0	0	0.00	1.68	0
20850651+	20850650	7.89	0 1-	2 ACSR 6/1	0	0	931	296	0	0	0	0.00	1.68	0
20850701+	20850700	7.64	1 1-	2 ACSR 6/1	0	0	964	299	0	0	0	0.00	1.68	0
20850508+	20850652	7.39	20 3-	1/0 ACSR 6/1	1264	1138	999	302	114	2	1	0.00	1.33	0
20850506+	20850508	7.48	16 3-	1/0 ACSR 6/1	1252	1127	988	301	101	2	1	0.00	1.33	0
20850502+	20850506	7.53	9 3-	1/0 ACSR 6/1	1245	1120	982	301	52	1	1	0.00	1.33	0
20850317+	20850502	7.64	1 3-	1/0 ACSR 6/1	1231	1108	971	300	9	0	0	0.00	1.33	0
20850316+	20850317	7.71	0 3-	1/0 ACSR 6/1	1222	1099	963	299	0	0	0	0.00	1.33	0
16-75-P071-B+	20850316	7.71	0 3-	Open	1222	1099	963	299	0	0	0	0.00	1.33	0
20850318+	20850502	7.58	8 1-	2 ACSR 6/1	0	0	976	300	43	2	2	0.00	1.68	0
20850319+	20850318	7.62	6 1-	2 ACSR 6/1	0	0	971	300	39	2	1	0.00	1.69	0
167500025+	20850319	7.64	3 1-	2 ACSR 6/1	0	0	968	300	22	1	1	0.00	1.69	0
167500026+	16750025	7.75	2 1-	2 ACSR 6/1	0	0	954	298	17	1	1	0.00	1.69	0
20850263+	16750026	7.90	1 1-	2 ACSR 6/1	0	0	935	297	8	0	0	0.00	1.69	0
20850322+	16750026	7.79	1 1-	2 ACSR 6/1	0	0	948	298	8	0	0	0.00	1.69	0
20850323+	20850319	7.66	1 1-	2 ACSR 6/1	0	0	965	299	9	0	0	0.00	1.69	0
20850320+	20850319	7.67	2 1-	2 ACSR 6/1	0	0	964	299	7	0	0	0.00	1.69	0
20850321+	20850320	7.74	1 1-	2 ACSR 6/1	0	0	955	299	6	0	0	0.00	1.69	0
20850312+	20850506	7.53	6 1-	2 ACSR 6/1	0	0	981	301	48	3	2	0.00	1.42	0
20850503+	20850312	7.69	3 1-	2 ACSR 6/1	0	0	961	299	20	1	1	0.00	1.42	0
20850505+	20850503	7.73	2 1-	2 ACSR 6/1	0	0	955	298	20	1	1	0.00	1.42	0
20850387+	20850505	7.77	1 1-	2 ACSR 6/1	0	0	950	298	11	0	0	0.00	1.42	0
20850438+	20850312	7.61	3 1-	2 ACSR 6/1	0	0	971	300	28	1	1	0.00	1.42	0
20850439+	20850438	7.73	1 1-	2 ACSR 6/1	0	0	956	298	13	0	0	0.00	1.42	0
20850440+	20850439	7.91	0 1-	2 ACSR 6/1	0	0	933	296	0	0	0	0.00	1.42	0
20850507+	20850508	7.44	3 1-	2 ACSR 6/1	0	0	992	302	7	0	0	0.00	1.68	0
20850512+	20850507	7.47	2 1-	2 ACSR 6/1	0	0	987	301	4	0	0	0.00	1.68	0
20850498+	20850512	7.50	1 1-	2 ACSR 6/1	0	0	984	301	2	0	0	0.00	1.68	0
20850511+	20850512	7.51	1 1-	2 ACSR 6/1	0	0	983	301	3	0	0	0.00	1.68	0
20850544+	20850594	7.45	9 1-	2 ACSR 6/1	0	0	987	301	25	1	1	0.01	1.41	0
20850545+	20850544	7.55	7 1-	2 ACSR 6/1	0	0	972	300	23	1	1	0.00	1.42	0
20850706+	20850545	7.72	7 1-	2 ACSR 6/1	0	0	951	298	23	1	1	0.00	1.42	0
20851114+	20850706	7.84	3 1-	2 ACSR 6/1	0	0	936	296	12	0	0	0.00	1.42	0
167500020+	20851114	7.92	2 1-	2 ACSR 6/1	0	0	926	295	4	0	0	0.00	1.42	0
20850707+	20850706	7.76	1 1-	2 ACSR 6/1	0	0	945	297	4	0	0	0.00	1.42	0
20851113+	20850707	7.82	0 1-	2 ACSR 6/1	0	0	938	297	0	0	0	0.00	1.42	0
20850943+	16750018	7.02	28 3-	1/0 ACSR 6/1	1314	1186	1043	305	187	4	2	0.00	1.31	0
20850944+	20850943	7.14	27 3-	1/0 ACSR 6/1	1298	1170	1029	304	184	4	2	0.00	1.32	0
20850945+	20850944	7.24	27 3-	1/0 ACSR 6/1	1284	1157	1017	303	184	4	2	0.00	1.32	0
20850946+	20850945	7.29	26 3-	1/0 ACSR 6/1	1277	1151	1011	303	177	4	2	0.00	1.32	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851272+	20850946	7.34	1 1-	2 ACSR 6/1	0	0	1003	302	6	0	0	0.00	1.66	0
20851273+	20851272	7.41	1 1-	2 ACSR 6/1	0	0	994	302	6	0	0	0.00	1.66	0
16760004+	20850946	7.35	25 3-	1/0 ACSR 6/1	1270	1143	1004	303	171	3	2	0.00	1.33	0
16760006+	16760004	7.42	23 3-	1/0 ACSR 6/1	1260	1134	995	302	160	3	2	0.00	1.33	0
16760008+	16760006	7.48	1 1-	2 ACSR 6/1	0	0	987	301	2	0	0	0.00	1.42	0
16760007+	16760006	7.48	22 3-	1/0 ACSR 6/1	1252	1127	988	301	158	3	2	0.00	1.33	0
20851270+	16760007	7.83	0 1-	2 ACSR 6/1	0	0	943	297	0	0	0	0.00	1.42	0
16760003+	16760007	7.59	22 3-	1/0 ACSR 6/1	1237	1113	976	300	158	3	2	0.00	1.33	0
16760009+	16760003	7.78	8 3-	1/0 ACSR 6/1	1214	1091	956	299	118	2	1	0.01	1.34	0
16760010+	16760009	7.87	7 3-	1/0 ACSR 6/1	1203	1080	946	298	117	2	1	0.00	1.34	0
16760011+	16760010	8.23	5 3-	1/0 ACSR 6/1	1160	1041	909	295	114	2	1	0.01	1.35	0
16760015+	16760011	8.38	5 3-	1/0 ACSR 6/1	1144	1026	896	294	114	2	1	0.00	1.35	0
16760016+	16760015	8.56	5 3-	1/0 ACSR 6/1	1125	1008	879	293	114	2	1	0.01	1.36	0
16760012+	16760016	8.70	5 3-	1/0 ACSR 6/1	1110	993	866	291	114	2	1	0.00	1.36	0
16760013+	16760012	8.77	5 3-	1/0 ACSR 6/1	1103	987	861	291	114	2	1	0.00	1.36	0
16770007+	16760013	8.94	5 3-	1/0 ACSR 6/1	1085	971	846	289	114	2	1	0.00	1.37	0
20851306+	16770007	9.14	4 3-	1/0 ACSR 6/1	1066	953	829	288	113	2	1	0.01	1.37	0
16770006+	20851306	9.17	4 3-	1/0 ACSR 6/1	1050	938	816	286	113	2	1	0.00	1.38	0
20851274+	16770006	9.37	3 3-	1/0 ACSR 6/1	1045	933	812	286	13	0	0	0.00	1.38	0
16770008+	20851274	9.42	2 3-	1/0 ACSR 6/1	1041	929	808	286	8	0	0	0.00	1.38	0
16770011+	16770008	9.46	2 1-	2 ACSR 6/1	0	0	804	285	8	0	0	0.00	1.47	0
16770009+	16770011	9.74	2 1-	2 ACSR 6/1	0	0	779	282	8	0	0	0.00	1.47	0
20851507+	16770009	9.85	1 1-	2 ACSR 6/1	0	0	770	281	6	0	0	0.00	1.47	0
20851474+	16770009	9.81	1 1-	2 ACSR 6/1	0	0	773	281	2	0	0	0.00	1.47	0
16770004+	16770006	9.39	1 3-	1/0 ACSR 6/1	1043	932	810	286	100	2	1	0.00	1.38	0
16770005+	20851306	9.49	0 3-	1/0 ACSR 6/1	1034	923	803	285	0	0	0	0.00	1.37	0
20851305+	16760010	7.92	1 1-	2 ACSR 6/1	0	0	940	298	0	0	0	0.00	1.43	0
20851304+	16760010	7.98	1 1-	2 ACSR 6/1	0	0	933	297	3	0	0	0.00	1.68	0
20851307+	16760003	7.68	14 3-	1/0 ACSR 6/1	1226	1103	966	300	40	0	0	0.00	1.34	0
20851308+	20851307	7.75	10 3-	1/0 ACSR 6/1	1217	1094	958	299	33	0	0	0.00	1.34	0
20851309+	20851308	7.82	8 3-	1/0 ACSR 6/1	1209	1086	951	299	30	0	0	0.00	1.34	0
16760014+	20851309	7.87	7 3-	1/0 ACSR 6/1	1203	1081	946	298	17	0	0	0.00	1.34	0
16860004+	16760014	7.92	7 3-	1/0 ACSR 6/1	1197	1075	941	298	17	0	0	0.00	1.34	0
20852305+	16860004	7.97	4 1-	2 ACSR 6/1	0	0	935	297	8	0	0	0.00	0.92	0
20852307+	20852305	8.01	3 1-	2 ACSR 6/1	0	0	930	297	7	0	0	0.00	0.92	0
20852308+	20852307	8.11	1 1-	2 ACSR 6/1	0	0	918	296	3	0	0	0.00	0.92	0
20852306+	20852305	8.19	0 1-	2 ACSR 6/1	0	0	908	295	0	0	0	0.00	0.92	0
20851271+	20851309	7.87	1 3-	1/0 ACSR 6/1	1203	1081	946	298	13	0	0	0.00	1.34	0
20851269+	16760004	7.39	2 1-	2 ACSR 6/1	0	0	997	302	11	0	0	0.00	1.66	0
20851303+	20851269	7.46	1 1-	2 ACSR 6/1	0	0	988	301	3	0	0	0.00	1.66	0
16850010+	16850035	6.34	4 1-	2 ACSR 6/1	0	0	1135	311	15	1	1	0.00	1.39	0
16850044+	16850010	6.43	2 1-	2 ACSR 6/1	0	0	1120	310	5	0	0	0.00	1.39	0
16850045+	16850044	6.48	2 1-	2 ACSR 6/1	0	0	1110	309	5	0	0	0.00	1.39	0
16850034+	16850045	6.52	1 1-	2 ACSR 6/1	0	0	1105	309	3	0	0	0.00	1.39	0
16850033+	16850010	6.38	1 1-	2 ACSR 6/1	0	0	1129	310	8	0	0	0.00	1.39	0
16850032+	16850010	6.43	1 1-	2 ACSR 6/1	0	0	1119	310	2	0	0	0.00	1.39	0
16850030+	16850013	6.10	1 1-	2 ACSR 6/1	0	0	1172	313	2	0	0	0.00	1.38	0
16850014+	16850013	6.07	2 1-	2 ACSR 6/1	0	0	1178	313	6	0	0	0.00	1.57	0
22050002+	22050003	5.03	0 1-	2 ACSR 6/1	0	0	1368	322	0	0	0	0.00	1.46	0
22150017+	22150016	4.69	1 1-	2 ACSR 6/1	0	0	1447	326	2	0	0	0.00	1.43	0
22150009+	22150021	4.72	5 1-	2 ACSR 6/1	0	0	1436	325	12	0	0	0.00	1.43	0
D22-15-P048+	22150009	4.72	5 1-	FUS	0	0	1436	325	12	0	18	0.00	1.43	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22150013+	D22-15-P048	4.80	5 1-	2 ACSR 6/1	0	0	1415	324	12	0	0	0.00	1.43	0
22150031+	22150013	4.86	3 1-	2 ACSR 6/1	0	0	1397	323	5	0	0	0.00	1.43	0
22150032+	22150031	4.94	3 1-	2 ACSR 6/1	0	0	1377	322	5	0	0	0.00	1.43	0
22150030+	22150032	5.12	3 1-	2 ACSR 6/1	0	0	1331	320	5	0	0	0.00	1.43	0
22150020+	22150030	5.22	3 1-	2 ACSR 6/1	0	0	1305	319	5	0	0	0.00	1.43	0
22150011+	22150020	5.47	3 1-	2 ACSR 6/1	0	0	1250	315	5	0	0	0.00	1.43	0
22160004+	22150011	5.62	2 1-	2 ACSR 6/1	0	0	1217	314	3	0	0	0.00	1.43	0
22160005+	22160004	5.78	1 1-	2 ACSR 6/1	0	0	1185	312	2	0	0	0.00	1.43	0
22160006+	22160005	5.90	1 1-	2 ACSR 6/1	0	0	1162	310	2	0	0	0.00	1.43	0
22160002+	22160005	5.95	0 1-	2 ACSR 6/1	0	0	1151	309	0	0	0	0.00	1.43	0
22160003+	22150011	5.56	1 1-	2 ACSR 6/1	0	0	1230	314	3	0	0	0.00	1.43	0
22150010+	22150020	5.28	0 1-	2 ACSR 6/1	0	0	1292	318	0	0	0	0.00	1.43	0
22150018+	22150013	4.85	1 1-	2 ACSR 6/1	0	0	1400	323	2	0	0	0.00	1.43	0
22240029+	22240011	3.37	1 1-	2 ACSR 6/1	0	0	1855	339	8	0	0	0.00	1.29	0
22240012+	22240011	3.38	0 1-	2 ACSR 6/1	0	0	1851	339	0	0	0	0.00	1.29	0
22240038+	22240037	2.83	15 1-	2 ACSR 6/1	0	0	2091	344	51	3	2	0.00	0.78	0
D22-24-P024+	22240038	2.83	14 1-	REC-35-E	0	0	2091	344	47	3	9	0.00	0.78	0
22240030+	D22-24-P024	2.87	14 1-	2 ACSR 6/1	0	0	2068	343	47	3	2	0.00	0.78	0
22240039+	22240030	2.96	0 1-	2 ACSR 6/1	0	0	2017	342	0	0	0	0.00	0.78	0
22240040+	22240039	3.08	0 1-	2 ACSR 6/1	0	0	1955	340	0	0	0	0.00	0.78	0
22240031+	22240030	3.08	14 1-	2 ACSR 6/1	0	0	1956	340	47	3	2	0.01	0.79	0
22240015+	22240031	3.15	14 1-	2 ACSR 6/1	0	0	1921	339	47	3	2	0.00	0.80	0
22240045+	22240015	3.24	1 1-	2 ACSR 6/1	0	0	1875	338	10	0	0	0.00	0.80	0
22240013+	22240015	3.34	13 1-	2 ACSR 6/1	0	0	1830	337	38	2	1	0.01	0.80	0
22250009+	22240013	3.42	13 1-	2 ACSR 6/1	0	0	1796	336	38	2	1	0.00	0.81	0
22250008+	22250009	3.43	1 1-	2 ACSR 6/1	0	0	1788	335	2	0	0	0.00	0.81	0
22250005+	22250009	3.48	12 1-	2 ACSR 6/1	0	0	1768	335	36	2	1	0.00	0.81	0
22250012+	22250005	3.52	9 1-	2 ACSR 6/1	0	0	1753	334	27	1	1	0.00	0.81	0
22250011+	22250012	3.55	2 1-	2 ACSR 6/1	0	0	1740	334	5	0	0	0.00	0.81	0
22250013+	22250012	3.68	6 1-	2 ACSR 6/1	0	0	1685	332	15	1	1	0.00	0.81	0
22250022+	22250013	3.78	3 1-	2 ACSR 6/1	0	0	1648	331	11	0	0	0.00	0.81	0
22250023+	22250022	3.82	3 1-	2 ACSR 6/1	0	0	1634	330	11	0	0	0.00	0.81	0
22250024+	22250023	3.92	3 1-	2 ACSR 6/1	0	0	1597	329	11	0	0	0.00	0.81	0
22250025+	22250024	3.97	3 1-	2 ACSR 6/1	0	0	1578	328	11	0	0	0.00	0.81	0
22250026+	22250025	4.02	3 1-	2 ACSR 6/1	0	0	1563	327	11	0	0	0.00	0.82	0
22250027+	22250026	4.32	3 1-	2 ACSR 6/1	0	0	1466	323	11	0	0	0.00	0.82	0
22250028+	22250027	4.39	2 1-	2 ACSR 6/1	0	0	1444	322	11	0	0	0.00	0.82	0
22250029+	22250028	4.54	2 1-	2 ACSR 6/1	0	0	1402	321	11	0	0	0.00	0.82	0
22250006+	22250013	3.76	3 1-	2 ACSR 6/1	0	0	1655	331	4	0	0	0.00	0.81	0
22250007+	22250005	3.49	3 1-	2 ACSR 6/1	0	0	1762	335	9	0	0	0.00	0.81	0
22250010+	22250007	3.53	3 1-	2 ACSR 6/1	0	0	1746	334	9	0	0	0.00	0.81	0
22340012+	22330010	1.95	1 1-	2 ACSR 6/1	0	0	2632	353	5	0	0	0.00	1.24	0
22330033+	22330048	1.93	0 1-	2 ACSR 6/1	0	0	2631	353	0	0	0	0.00	1.23	0
22330009+	D22-33-P024	1.51	0 1-	2 ACSR 6/1	0	0	3007	358	0	0	0	0.00	0.98	0
22230052+	22230026	0.76	1 1-	2 ACSR 6/1	0	0	3634	361	4	0	0	0.00	0.57	0

CKT 2 total losses: \$36,079

SUB	85, CKT 3													
BK8503+	CARPENTER (85)	0.00	952 3-	BK8503	4080	4191	4655	365	3505	79	40	0.00	0.00	0
22230022+	BK8503	0.03	952 3-	4/0 ACSR 6/1	4047	4150	4590	365	3505	79	23	0.00	0.01	31
22230023+	22230022	0.05	0 3-	4/0 ACSR 6/1	4032	4130	4558	365	0	0	0	0.00	0.01	0
22230031+	22230022	0.09	952 3-	4/0 ACSR 6/1	3996	4085	4487	365	3505	79	23	0.01	0.02	50

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22230037+	22230031	0.24	949 3-	4/0 ACSR 6/1	3856	3911	4218	364	3499	78 23	0.02	0.04	142	
22230038+	22230037	0.31	947 3-	4/0 ACSR 6/1	3801	3844	4116	363	3484	78 23	0.01	0.06	58	
22130025+	22230038	0.37	947 3-	4/0 ACSR 6/1	3749	3780	4022	363	3484	78 23	0.01	0.07	56	
22120054+	22130025	0.43	946 3-	4/0 ACSR 6/1	3699	3718	3931	362	3483	78 23	0.01	0.08	57	
22120055+	22120054	0.50	944 3-	4/0 ACSR 6/1	3643	3651	3832	362	3480	78 23	0.01	0.09	64	
22120040+	22120055	0.53	1 1-	2 ACSR 6/1	0	0	3780	362	3	0	0	0.00	0.05	0
22120047+	22120055	0.55	943 3-	4/0 ACSR 6/1	3605	3605	3767	362	3476	78 23	0.00	0.10	44	
22120044+	22120047	0.65	1 1-	2 ACSR 6/1	0	0	3600	360	7	0	0	0.00	0.19	0
22120046+	22120047	0.63	942 3-	4/0 ACSR 6/1	3545	3533	3665	361	3469	78 23	0.01	0.11	72	
22120019+	22120046	0.82	942 3-	4/0 ACSR 6/1	3410	3374	3444	360	3468	78 23	0.02	0.15	171	
22120039+	22120019	1.03	941 3-	4/0 ACSR 6/1	3269	3211	3223	359	3463	78 23	0.02	0.19	192	
22120025+	22120039	1.09	939 3-	4/0 ACSR 6/1	3233	3169	3168	358	3450	78 23	0.01	0.20	52	
22120026+	22120025	1.16	938 3-	4/0 ACSR 6/1	3190	3120	3102	358	3447	78 23	0.01	0.21	64	
22120027+	22120026	1.22	936 3-	4/0 ACSR 6/1	3154	3080	3050	357	3436	77 23	0.01	0.22	53	
D22-12-P102+	22120027	1.22	7 1-	FUS	0	0	3050	357	31	2	47	0.00	0.12	0
22120022+	D22-12-P102	1.26	7 1-	2 ACSR 6/1	0	0	3002	357	31	2	1	0.00	0.12	0
22120045+	22120022	1.42	7 1-	2 ACSR 6/1	0	0	2828	354	31	2	1	0.00	0.13	0
22120033+	22120045	1.47	2 1-	2 ACSR 6/1	0	0	2783	353	9	0	0	0.00	0.13	0
22120034+	22120033	1.58	1 1-	2 ACSR 6/1	0	0	2676	352	2	0	0	0.00	0.13	0
22120032+	22120045	1.47	1 1-	2 ACSR 6/1	0	0	2783	353	9	0	0	0.00	0.13	0
22120031+	22120045	1.57	3 1-	2 ACSR 6/1	0	0	2684	352	11	0	0	0.00	0.13	0
22120035+	22120031	1.74	2 1-	2 ACSR 6/1	0	0	2535	349	10	0	0	0.00	0.13	0
22120036+	22120035	1.82	1 1-	2 ACSR 6/1	0	0	2469	348	7	0	0	0.00	0.13	0
22120053+	22120031	2.16	1 1-	2 ACSR 6/1	0	0	2217	343	1	0	0	0.00	0.13	0
22020012+	22120053	2.38	0 1-	2 ACSR 6/1	0	0	2079	340	0	0	0	0.00	0.13	0
22120030+	22120022	1.38	0 1-	2 ACSR 6/1	0	0	2877	355	0	0	0	0.00	0.12	0
22120028+	22120027	1.25	2 1-	2 ACSR 6/1	0	0	3008	357	9	0	0	0.00	0.12	0
22120029+	22120028	1.59	1 1-	2 ACSR 6/1	0	0	2672	352	7	0	0	0.00	0.13	0
22120020+	22120027	1.51	927 3-	4/0 ACSR 6/1	2991	2897	2816	355	3396	77 23	0.03	0.27	256	
C22-12-P90+	22120020	1.51	0 3-	Capacitor	2991	2897	2816	355	0	-14	0	0.00	0.27	0
22120021+	22120020	2.08	927 3-	4/0 ACSR 6/1	2712	2593	2442	352	3394	75	22	0.10	0.42	485
D21-09-P045+	22120021	2.08	14 1-	FUS	0	0	2442	352	59	3	91	0.00	0.76	0
21090007+	D21-09-P045	2.11	14 1-	2 ACSR 6/1	0	0	2419	351	59	3	2	0.00	0.76	0
21090008+	21090007	2.16	12 1-	2 ACSR 6/1	0	0	2386	350	43	2	0	0.00	0.76	0
21090009+	21090008	2.18	11 1-	2 ACSR 6/1	0	0	2367	350	37	2	1	0.00	0.77	0
21090011+	21090009	2.23	4 1-	2 ACSR 6/1	0	0	2337	349	15	1	1	0.00	0.77	0
21090023+	21090011	2.43	2 1-	2 ACSR 6/1	0	0	2204	346	10	0	0	0.00	0.77	0
22020013+	21090023	2.50	1 1-	2 ACSR 6/1	0	0	2155	345	7	0	0	0.00	0.77	0
22020008+	22020013	2.60	1 1-	2 ACSR 6/1	0	0	2099	344	7	0	0	0.00	0.77	0
22020010+	22020008	2.68	1 1-	2 ACSR 6/1	0	0	2054	343	7	0	0	0.00	0.77	0
22020009+	22020008	2.68	0 1-	2 ACSR 6/1	0	0	2052	343	0	0	0	0.00	0.77	0
22020014+	21090023	2.49	0 1-	2 ACSR 6/1	0	0	2163	345	0	0	0	0.00	0.77	0
21090010+	21090009	2.25	5 1-	2 ACSR 6/1	0	0	2322	349	12	0	0	0.00	0.77	0
21090022+	21090010	2.32	2 1-	2 ACSR 6/1	0	0	2272	348	3	0	0	0.00	0.77	0
22020011+	21090022	2.38	2 1-	2 ACSR 6/1	0	0	2232	347	3	0	0	0.00	0.77	0
22020007+	22020011	2.44	1 1-	2 ACSR 6/1	0	0	2198	346	2	0	0	0.00	0.77	0
21090004+	21090009	2.36	2 1-	2 ACSR 6/1	0	0	2249	347	10	0	0	0.00	0.77	0
21090013+	21090004	2.42	2 1-	2 ACSR 6/1	0	0	2209	346	10	0	0	0.00	0.77	0
21090014+	21090013	2.49	1 1-	2 ACSR 6/1	0	0	2165	345	7	0	0	0.00	0.77	0
21090012+	21090004	2.40	0 1-	2 ACSR 6/1	0	0	2218	347	0	0	0	0.00	0.77	0
21090005+	21090004	2.42	0 1-	2 ACSR 6/1	0	0	2211	347	0	0	0	0.00	0.77	0
21090015+	22120021	2.24	913 3-	4/0 ACSR 6/1	2645	2522	2358	351	3330	73 22	0.03	0.46	125	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852327+	21090015	2.60	908 3-	4/0 ACSR 6/1	2501	2370	2181	348	3324	73	22	0.07	0.55	292
20852335+	20852327	2.65	907 3-	4/0 ACSR 6/1	2481	2349	2157	348	3321	73	22	0.01	0.56	43
20852339+	20852335	2.80	907 3-	4/0 ACSR 6/1	2427	2293	2093	347	3320	73	22	0.03	0.60	120
20852340+	20852339	2.86	905 3-	4/0 ACSR 6/1	2404	2270	2067	346	3312	73	22	0.01	0.62	50
21090016+	20852340	2.99	904 3-	4/0 ACSR 6/1	2361	2225	2017	346	3311	73	22	0.02	0.65	100
21090019+	21090016	3.04	1 1-	2 ACSR 6/1	0	0	1991	345	3	0	0	0.00	0.39	0
21090018+	21090016	3.04	1 1-	2 ACSR 6/1	0	0	1990	345	7	0	0	0.00	0.43	0
21090017+	21090016	3.06	900 3-	4/0 ACSR 6/1	2338	2202	1991	345	3290	73	21	0.01	0.67	55
21090024+	21090017	3.20	0 1-	2 ACSR 6/1	0	0	1922	343	0	0	0	0.00	1.16	0
21090025+	21090024	3.38	0 1-	2 ACSR 6/1	0	0	1838	340	0	0	0	0.00	1.16	0
21090021+	21090017	3.38	899 3-	4/0 ACSR 6/1	2235	2096	1875	343	3283	72	21	0.06	0.75	257
D21-09-P002+	21090021	3.38	6 1-	FUS-35	0	0	1875	343	10	0	2	0.00	0.45	0
21090006+	D21-09-P002	3.48	6 1-	2 ACSR 6/1	0	0	1834	342	10	0	0	0.00	0.45	0
21080010+	21090006	3.53	6 1-	2 ACSR 6/1	0	0	1812	341	10	0	0	0.00	0.45	0
21080022+	21080010	3.57	1 1-	2 ACSR 6/1	0	0	1795	340	3	0	0	0.00	0.45	0
21080013+	21080010	3.62	5 1-	2 ACSR 6/1	0	0	1771	339	7	0	0	0.00	0.45	0
20852333+	21080013	3.99	5 1-	2 ACSR 6/1	0	0	1629	334	7	0	0	0.00	0.46	0
20852334+	20852333	4.06	1 1-	2 ACSR 6/1	0	0	1608	333	2	0	0	0.00	0.46	0
20852326+	20852333	4.20	3 1-	2 ACSR 6/1	0	0	1557	331	3	0	0	0.00	0.46	0
20852330+	20852326	4.42	1 1-	2 ACSR 6/1	0	0	1489	328	0	0	0	0.00	0.46	0
20852329+	20852326	4.29	2 1-	2 ACSR 6/1	0	0	1531	330	2	0	0	0.00	0.46	0
21090020+	21090021	3.69	893 3-	4/0 ACSR 6/1	2146	2006	1777	341	3271	72	21	0.06	0.83	242
21080014+	21090020	3.78	892 3-	4/0 ACSR 6/1	2123	1982	1752	340	3267	72	21	0.02	0.85	66
20851462+	21080014	3.83	891 3-	4/0 ACSR 6/1	2109	1969	1737	340	3264	72	21	0.01	0.86	40
20851463+	20851462	3.89	112 3-	2 CU	2088	1948	1717	339	341	7	3	0.00	0.86	0
20851464+	20851463	3.96	110 3-	2 CU	2066	1925	1695	339	332	7	3	0.01	0.87	1
20851467+	20851464	4.20	108 3-	2 CU	1995	1853	1625	336	320	7	3	0.01	0.88	3
20851324+	20851467	4.21	105 3-	2 CU	1993	1852	1624	336	312	6	3	0.00	0.88	0
15-98-P011-B+	20851324	4.21	105 3-	Closed	1993	1852	1624	336	312	6	0	0.00	0.88	0
15-98-P011-A+	15-98-P011-B	4.21	105 3-	Closed	1993	1852	1624	336	312	6	0	0.00	0.88	0
15980016+	15-98-P011-A	4.22	105 3-	2 CU	1990	1849	1621	336	312	6	3	0.00	0.88	0
D15-98-P010+	15980016	4.22	105 3-	WVE-200/100	1990	1849	1621	336	312	6	0	0.00	0.88	0
15980011+	D15-98-P010	4.31	105 3-	2 CU	1963	1821	1594	335	312	6	3	0.01	0.89	1
D15-88-P023+	15980011	4.31	8 1-	FUS-15	0	0	1594	335	41	2	21	0.00	0.55	0
15880039+	D15-88-P023	4.34	8 1-	2 ACSR 6/1	0	0	1586	335	41	2	2	0.00	0.55	0
15880040+	15880039	4.37	7 1-	2 ACSR 6/1	0	0	1576	334	35	2	1	0.00	0.55	0
15880037+	15880040	4.70	6 1-	2 ACSR 6/1	0	0	1473	330	28	1	1	0.01	0.56	0
20851161+	15880037	4.83	6 1-	2 ACSR 6/1	0	0	1437	328	28	1	1	0.00	0.56	0
20851162+	20851161	5.33	4 1-	2 ACSR 6/1	0	0	1308	321	22	1	1	0.01	0.57	0
20851164+	20851162	5.45	3 1-	2 ACSR 6/1	0	0	1280	320	16	1	1	0.00	0.57	0
20851165+	20851164	5.54	1 1-	2 ACSR 6/1	0	0	1259	318	8	0	0	0.00	0.58	0
20851166+	20851165	5.66	1 1-	2 ACSR 6/1	0	0	1234	317	8	0	0	0.00	0.58	0
20851163+	20851162	5.83	0 1-	2 ACSR 6/1	0	0	1198	315	0	0	0	0.00	0.57	0
15990009+	20851163	5.99	0 1-	2 ACSR 6/1	0	0	1168	313	0	0	0	0.00	0.57	0
15990008+	15990009	6.06	0 1-	2 ACSR 6/1	0	0	1155	312	0	0	0	0.00	0.57	0
15990007+	15990009	6.07	0 1-	2 ACSR 6/1	0	0	1153	312	0	0	0	0.00	0.57	0
20851556+	20851161	5.00	1 1-	2 ACSR 6/1	0	0	1389	326	5	0	0	0.00	0.56	0
15880038+	15880037	4.89	0 1-	2 ACSR 6/1	0	0	1420	327	0	0	0	0.00	0.56	0
20851554+	15880037	4.82	0 1-	2 ACSR 6/1	0	0	1438	328	0	0	0	0.00	0.56	0
15880036+	15980011	4.37	1 1-	2 ACSR 6/1	0	0	1575	334	7	0	0	0.00	0.62	0
20851182+	15980011	4.40	5 1-	2 ACSR 6/1	0	0	1567	334	9	0	0	0.00	0.62	0
20851555+	20851182	4.50	2 1-	2 ACSR 6/1	0	0	1533	332	3	0	0	0.00	0.62	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851181+	20851182	4.58	2 1-	2 ACSR 6/1	0	0	1510	331	2	0	0	0.00	0.62	0
15880041+	20851181	4.62	1 1-	2 ACSR 6/1	0	0	1496	331	1	0	0	0.00	0.62	0
15880028+	15980011	4.38	91 3-	2 CU	1943	1801	1575	334	255	5	3	0.00	0.89	0
20850043+	15880028	4.51	90 3-	2 CU	1910	1768	1543	333	250	5	2	0.00	0.90	1
20850551+	20850043	4.70	90 3-	2 CU	1859	1717	1495	331	250	5	2	0.01	0.91	2
D15-88-P015+	20850551	4.70	13 1-	FUS-40	0	0	1495	331	34	2	7	0.00	1.52	0
20850553+	D15-88-P015	4.78	13 1-	2 ACSR 6/1	0	0	1473	330	34	2	1	0.00	1.52	0
20850552+	20850553	4.81	2 1-	2 ACSR 6/1	0	0	1464	330	5	0	0	0.00	1.52	0
20850554+	20850552	4.88	1 1-	2 ACSR 6/1	0	0	1444	329	1	0	0	0.00	1.52	0
20850555+	20850553	4.88	10 1-	2 ACSR 6/1	0	0	1443	329	22	1	1	0.00	1.53	0
15880049+	20850555	4.96	8 1-	2 ACSR 6/1	0	0	1422	328	17	1	1	0.00	1.53	0
15880050+	15880049	5.03	8 1-	2 ACSR 6/1	0	0	1403	327	17	1	1	0.00	1.53	0
20850558+	15880050	5.14	3 1-	2 ACSR 6/1	0	0	1373	325	7	0	0	0.00	1.53	0
20850559+	20850558	5.28	2 1-	2 ACSR 6/1	0	0	1339	324	6	0	0	0.00	1.53	0
20850760+	20850559	5.41	1 1-	2 ACSR 6/1	0	0	1307	322	2	0	0	0.00	1.53	0
20850761+	20850760	5.45	1 1-	2 ACSR 6/1	0	0	1299	321	2	0	0	0.00	1.53	0
20850557+	15880050	5.11	2 1-	2 ACSR 6/1	0	0	1382	326	4	0	0	0.00	1.53	0
20850556+	15880050	5.07	3 1-	2 ACSR 6/1	0	0	1391	326	6	0	0	0.00	1.53	0
20850807+	20850551	4.79	73 3-	2 CU	1835	1694	1473	331	212	4	2	0.00	0.91	0
20850808+	20850807	4.89	72 3-	2 CU	1813	1671	1452	330	210	4	2	0.00	0.91	0
15880052+	20850808	4.90	4 1-	2 ACSR 6/1	0	0	1447	329	5	0	0	0.00	1.53	0
15880054+	15880052	4.97	1 1-	2 ACSR 6/1	0	0	1428	328	3	0	0	0.00	1.53	0
15880053+	15880052	4.93	3 1-	2 ACSR 6/1	0	0	1439	329	2	0	0	0.00	1.53	0
20850809+	20850808	4.97	66 3-	2 CU	1793	1652	1434	329	201	4	2	0.00	0.91	0
20850811+	20850809	5.11	61 3-	2 CU	1761	1620	1404	328	176	3	2	0.01	0.92	0
15880027+	20850811	5.16	61 3-	2 CU	1748	1607	1392	327	176	3	2	0.00	0.92	0
20850834+	15880027	5.23	2 1-	2 ACSR 6/1	0	0	1374	326	13	0	1	0.00	1.54	0
20850835+	20850834	5.29	1 1-	2 ACSR 6/1	0	0	1358	325	7	0	0	0.00	1.54	0
20850836+	20850835	5.37	0 1-	2 ACSR 6/1	0	0	1339	324	0	0	0	0.00	1.54	0
20850833+	15880027	5.22	1 1-	2 ACSR 6/1	0	0	1377	326	6	0	0	0.00	0.65	0
15880024+	15880027	5.24	58 3-	2 CU	1730	1590	1376	326	157	3	2	0.00	0.92	0
20850837+	15880024	5.29	2 1-	2 ACSR 6/1	0	0	1363	326	4	0	0	0.00	1.54	0
15880051+	20850837	5.37	1 1-	2 ACSR 6/1	0	0	1343	325	1	0	0	0.00	1.54	0
15880025+	15880024	5.29	56 3-	2 CU	1720	1579	1366	326	153	3	2	0.00	0.92	0
15880035+	15880025	5.34	6 1-	2 ACSR 6/1	0	0	1354	325	12	0	0	0.00	0.66	0
15870079+	15880035	5.40	5 1-	2 ACSR 6/1	0	0	1338	324	10	0	0	0.00	0.66	0
15870068+	15870079	5.48	2 1-	2 ACSR 6/1	0	0	1318	323	3	0	0	0.00	0.66	0
15870080+	15870079	5.44	1 1-	2 ACSR 6/1	0	0	1329	324	3	0	0	0.00	0.66	0
15880034+	15880025	5.32	50 3-	2 CU	1712	1571	1359	326	141	3	1	0.00	0.93	0
15870082+	15880034	5.42	46 3-	2 CU	1690	1550	1339	325	134	3	1	0.00	0.93	0
15870084+	15870082	5.48	45 3-	2 CU	1678	1539	1329	324	134	3	1	0.00	0.93	0
15870085+	15870084	5.56	41 3-	2 CU	1661	1522	1313	323	113	2	1	0.00	0.93	0
15870086+	15870085	5.61	39 3-	2 CU	1650	1511	1303	323	109	2	1	0.00	0.93	0
20850421+	15870086	5.69	37 3-	2 CU	1634	1495	1289	322	105	2	1	0.00	0.93	0
D15-87-P036+	20850421	5.69	6 1-	FUS-20	0	0	1289	322	18	1	7	0.00	0.68	0
20850403+	D15-87-P036	5.72	6 1-	2 ACSR 6/1	0	0	1282	322	18	1	1	0.00	0.68	0
20850404+	20850403	5.79	4 1-	2 ACSR 6/1	0	0	1268	321	12	0	0	0.00	0.68	0
15870088+	20850404	5.83	2 1-	2 ACSR 6/1	0	0	1258	320	5	0	0	0.00	0.68	0
15870052+	20850404	5.92	2 1-	2 ACSR 6/1	0	0	1240	319	7	0	0	0.00	0.68	0
15770017+	15870052	5.95	1 1-	2 ACSR 6/1	0	0	1233	319	2	0	0	0.00	0.68	0
15770018+	15770017	6.01	0 1-	2 ACSR 6/1	0	0	1220	318	0	0	0	0.00	0.68	0
15770009+	15870052	5.95	1 1-	2 ACSR 6/1	0	0	1233	319	5	0	0	0.00	0.68	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850420+	20850421	5.78	30 3-	2 CU	1616	1477	1272	321	78	1	1	0.00	0.93	0
15770019+	20850420	5.92	28 3-	2 CU	1589	1451	1248	320	70	1	1	0.00	0.94	0
15770022+	15770019	6.08	26 3-	2 CU	1558	1421	1221	318	66	1	1	0.00	0.94	0
15770023+	15770022	6.15	26 3-	2 CU	1545	1409	1210	318	66	1	1	0.00	0.94	0
15770021+	15770023	6.23	1 1-	2 ACSR 6/1	0	0	1194	317	3	0	0	0.00	1.54	0
15770010+	15770023	6.25	25 3-	2 CU	1529	1393	1195	317	63	1	1	0.00	0.94	0
15770011+	15770010	6.35	24 3-	2 CU	1510	1375	1179	316	60	1	1	0.00	0.94	0
15770012+	15770011	6.46	24 3-	2 CU	1491	1356	1162	315	60	1	1	0.00	0.94	0
15770013+	15770012	6.63	23 3-	2 CU	1462	1329	1138	314	58	1	1	0.00	0.94	0
15770014+	15770013	6.67	3 1-	2 ACSR 6/1	0	0	1131	313	6	0	0	0.00	1.54	0
15770015+	15770014	6.69	1 1-	2 ACSR 6/1	0	0	1128	313	2	0	0	0.00	1.54	0
15770016+	15770014	6.70	1 1-	2 ACSR 6/1	0	0	1126	313	2	0	0	0.00	1.54	0
15770008+	15770013	6.97	20 3-	2 CU	1409	1278	1092	311	52	1	1	0.01	0.95	0
20851549+	15770008	7.07	1 1-	2 ACSR 6/1	0	0	1076	309	3	0	0	0.00	1.54	0
15670009+	15770008	7.22	19 3-	2 CU	1371	1242	1059	308	50	1	0	0.00	0.95	0
15670011+	15670009	7.35	1 1-	2 ACSR 6/1	0	0	1039	307	1	0	0	0.00	0.70	0
20851550+	15670009	7.26	1 1-	2 ACSR 6/1	0	0	1053	308	3	0	0	0.00	0.70	0
20851551+	20851550	7.30	0 1-	2 ACSR 6/1	0	0	1047	307	0	0	0	0.00	0.70	0
15670008+	15670009	7.34	17 3-	2 CU	1355	1226	1046	307	46	1	0	0.00	0.95	0
20851606+	15670008	7.58	14 3-	2 CU	1322	1194	1017	305	39	0	0	0.00	0.95	0
20851607+	20851606	7.66	13 3-	2 CU	1311	1184	1008	305	32	0	0	0.00	0.95	0
20851608+	20851607	7.80	10 3-	2 CU	1292	1166	992	303	19	0	0	0.00	0.95	0
15570034+	20851608	7.89	6 3-	2 CU	1281	1155	983	303	8	0	0	0.00	0.95	0
15570063+	15570034	7.93	5 3-	1/0 ACSR 6/1	1275	1150	978	302	6	0	0	0.00	0.95	0
15570059+	15570063	7.97	1 3-	1/0 ACSR 6/1	1270	1145	974	302	0	0	0	0.00	0.95	0
15570060+	15570059	8.07	0 3-	1/0 ACSR 6/1	1257	1133	963	301	0	0	0	0.00	0.95	0
SW4-A+	15570060	8.07	0 3-	Open	1257	1133	963	301	0	0	0	0.00	0.95	0
15570062+	15570034	7.96	1 1-	2 ACSR 6/1	0	0	974	302	2	0	0	0.00	0.71	0
15570035+	15570034	7.90	0 3-	1/0 CU	1280	1154	982	303	0	0	0	0.00	0.95	0
15-57-P022-A+	15570035	7.90	0 3-	Open	1280	1154	982	303	0	0	0	0.00	0.95	0
15570058+	20851608	7.86	4 1-	2 ACSR 6/1	0	0	985	303	11	0	0	0.00	0.71	0
20851609+	15570058	7.92	2 1-	2 ACSR 6/1	0	0	977	302	6	0	0	0.00	0.71	0
20851610+	20851609	7.94	1 1-	2 ACSR 6/1	0	0	974	302	1	0	0	0.00	0.71	0
20851552+	15670008	7.38	3 1-	2 ACSR 6/1	0	0	1039	307	7	0	0	0.00	0.71	0
20851605+	20851552	7.43	1 1-	2 ACSR 6/1	0	0	1032	306	4	0	0	0.00	0.71	0
15770007+	15770011	6.45	0 1-	2 ACSR 6/1	0	0	1160	315	0	0	0	0.00	0.69	0
15770020+	15770019	6.00	1 1-	2 ACSR 6/1	0	0	1232	319	2	0	0	0.00	0.68	0
20850137+	15870086	5.68	2 1-	2 ACSR 6/1	0	0	1288	322	4	0	0	0.00	0.67	0
20850348+	20850137	5.80	1 1-	2 ACSR 6/1	0	0	1262	320	3	0	0	0.00	0.67	0
15870083+	15870084	5.61	2 1-	2 ACSR 6/1	0	0	1298	322	4	0	0	0.00	0.67	0
20850135+	15870083	5.66	2 1-	2 ACSR 6/1	0	0	1286	322	4	0	0	0.00	0.67	0
20850136+	20850135	5.71	1 1-	2 ACSR 6/1	0	0	1275	321	0	0	0	0.00	0.67	0
15880026+	20850811	5.16	0 1-	2 ACSR 6/1	0	0	1390	327	0	0	0	0.00	1.54	0
20850810+	20850809	5.01	4 1-	2 ACSR 6/1	0	0	1422	328	14	0	1	0.00	1.53	0
20850813+	20850810	5.06	3 1-	2 ACSR 6/1	0	0	1410	328	14	0	1	0.00	1.53	0
20850814+	20850813	5.11	2 1-	2 ACSR 6/1	0	0	1395	327	9	0	0	0.00	1.53	0
20850832+	20850814	5.15	1 1-	2 ACSR 6/1	0	0	1384	326	3	0	0	0.00	1.53	0
20850812+	20850810	5.11	1 1-	2 ACSR 6/1	0	0	1397	327	0	0	0	0.00	1.53	0
15880042+	15880028	4.49	1 1-	2 ACSR 6/1	0	0	1541	333	4	0	0	0.00	0.62	0
20851466+	20851464	4.13	2 1-	2 ACSR 6/1	0	0	1634	336	12	0	0	0.00	0.60	0
20851465+	20851464	4.05	0 1-	2 ACSR 6/1	0	0	1664	337	0	0	0	0.00	1.48	0
15980012+	20851462	3.90	779 3-	1/0 ACSR 6/1	2083	1942	1712	339	2922	65	28	0.03	0.89	97

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851620+	15980012	3.98	181 3-	1/0 ACSR 6/1	2057	1916	1687	338	621	13	6	0.00	0.90	6
20851621+	20851620	4.02	180 3-	1/0 ACSR 6/1	2043	1903	1674	338	608	13	6	0.00	0.91	3
20851622+	20851621	4.04	1 1-	2 ACSR 6/1	0	0	1666	338	8	0	0	0.00	0.62	0
15980015+	20851621	4.08	179 3-	1/0 ACSR 6/1	2024	1883	1655	337	601	13	6	0.00	0.91	4
D21-08-P011+	15980015	4.08	179 3-	REC-50-E	2024	1883	1655	337	601	13	27	0.00	0.91	0
21080016+	D21-08-P011	4.24	179 3-	1/0 ACSR 6/1	1974	1833	1607	336	601	13	6	0.00	0.93	12
21080017+	21080016	4.30	177 3-	1/0 ACSR 6/1	1956	1815	1590	335	597	13	6	0.00	0.94	4
21080018+	21080017	4.42	176 3-	1/0 ACSR 6/1	1923	1781	1558	334	594	13	6	0.00	0.95	8
21080020+	21080018	4.53	174 3-	1/0 ACSR 6/1	1891	1734	1529	333	589	13	6	0.00	0.96	8
21080023+	21080020	4.58	172 3-	1/0 ACSR 6/1	1875	1734	1514	332	582	13	6	0.00	0.97	4
21080024+	21080023	4.72	168 3-	1/0 ACSR 6/1	1838	1697	1479	331	574	12	6	0.00	0.98	9
20852331+	21080024	4.80	2 1-	2 ACSR 6/1	0	0	1457	330	6	0	0	0.00	0.60	0
21180007+	21080024	4.82	166 3-	1/0 ACSR 6/1	1812	1671	1455	330	568	12	6	0.00	0.99	7
21180008+	21180007	4.90	166 3-	1/0 ACSR 6/1	1791	1651	1436	329	568	12	6	0.00	1.00	6
20852332+	21180008	4.97	163 3-	1/0 ACSR 6/1	1774	1634	1421	329	564	12	6	0.00	1.01	4
20851981+	20852332	4.99	162 3-	1/0 ACSR 6/1	1769	1629	1415	328	558	12	5	0.00	1.01	2
20851983+	20851981	5.21	1 1-	2 ACSR 6/1	0	0	1358	325	2	0	0	0.00	0.60	0
20851982+	20851981	5.03	160 3-	1/0 ACSR 6/1	1760	1620	1407	328	556	12	5	0.00	1.02	2
20851985+	20851982	5.09	159 3-	1/0 ACSR 6/1	1745	1605	1394	328	545	12	5	0.00	1.02	4
20851986+	20851985	5.15	157 3-	1/0 ACSR 6/1	1731	1591	1381	327	536	12	5	0.00	1.03	4
20851824+	20851986	5.50	155 3-	1/0 ACSR 6/1	1649	1511	1307	324	532	11	5	-0.01	1.06	22
20851826+	20851824	5.52	154 3-	1/0 ACSR 6/1	1645	1507	1304	323	527	11	5	0.00	1.07	1
20851825+	20851826	5.60	1 1-	2 ACSR 6/1	0	0	1286	322	4	0	0	0.00	0.58	0
20851827+	20851826	5.57	153 3-	1/0 ACSR 6/1	1634	1496	1294	323	522	11	5	0.00	1.07	3
20851829+	20851827	5.64	153 3-	1/0 ACSR 6/1	1619	1482	1280	322	522	11	5	0.00	1.08	4
20851830+	20851829	5.71	149 3-	1/0 ACSR 6/1	1604	1467	1267	322	511	11	5	0.00	1.08	4
D21-17-P008+	20851830	5.71	14 1-	FUS-25	0	0	1267	322	51	3	15	0.00	0.57	0
20852020+	D21-17-P008	5.76	14 1-	2 ACSR 6/1	0	0	1258	321	51	3	2	0.00	0.58	0
20852021+	20852020	5.83	13 1-	2 ACSR 6/1	0	0	1242	320	46	3	2	0.00	0.58	0
20852088+	20852021	5.85	12 1-	2 ACSR 6/1	0	0	1238	320	41	2	2	0.00	0.58	0
20851649+	20852088	5.93	11 1-	2 ACSR 6/1	0	0	1223	319	41	2	2	0.00	0.58	0
20851988+	20851649	6.03	9 1-	2 ACSR 6/1	0	0	1202	317	33	2	1	0.00	0.59	0
20851990+	20851988	6.12	6 1-	2 ACSR 6/1	0	0	1185	316	19	1	1	0.00	0.59	0
20852328+	20851990	6.46	4 1-	2 ACSR 6/1	0	0	1122	312	11	0	0	0.00	0.59	0
20850575+	20852328	6.62	3 1-	2 ACSR 6/1	0	0	1095	310	4	0	0	0.00	0.59	0
20850574+	20852328	6.49	1 1-	2 ACSR 6/1	0	0	1117	312	7	0	0	0.00	0.59	0
20851989+	20851988	6.10	1 1-	2 ACSR 6/1	0	0	1187	316	5	0	0	0.00	0.59	0
20851987+	20851649	5.99	2 1-	2 ACSR 6/1	0	0	1210	318	8	0	0	0.00	0.58	0
21180004+	20851649	5.98	0 1-	2 ACSR 6/1	0	0	1211	318	0	0	0	0.00	0.58	0
20852019+	20851830	5.92	125 3-	1/0 ACSR 6/1	1563	1427	1231	320	420	9	4	-0.01	1.10	10
21270015+	20852019	6.18	123 3-	1/0 ACSR 6/1	1512	1378	1187	317	407	9	4	-0.02	1.12	12
21270016+	21270015	6.32	86 1-	2 ACSR 6/1	0	0	1160	315	273	18	10	0.04	2.00	9
D21-27-P025+	21270016	6.32	86 1-	REC-35-E	0	0	1160	315	273	18	53	0.00	2.00	0
21270017+	D21-27-P025	6.37	86 1-	2 ACSR 6/1	0	0	1152	315	273	18	10	0.01	2.02	3
21270018+	21270017	6.52	85 1-	2 ACSR 6/1	0	0	1125	313	270	18	10	0.04	2.06	9
21270019+	21270018	6.60	84 1-	2 ACSR 6/1	0	0	1112	312	268	18	10	0.02	2.08	5
D21-27-P030+	21270019	6.60	8 1-	FUS-20	0	0	1112	312	22	1	8	0.00	2.08	0
21270029+	D21-27-P030	6.77	8 1-	2 ACSR 6/1	0	0	1083	310	22	1	1	0.00	2.08	0
21270031+	21270029	6.99	1 1-	2 ACSR 6/1	0	0	1047	307	2	0	0	0.00	2.08	0
21270030+	21270029	6.98	6 1-	2 ACSR 6/1	0	0	1049	307	19	1	1	0.00	2.09	0
20850160+	21270030	7.10	4 1-	2 ACSR 6/1	0	0	1031	306	11	0	0	0.00	2.09	0
20850573+	20850160	7.17	1 1-	2 ACSR 6/1	0	0	1021	305	4	0	0	0.00	2.09	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850159+	21270030	7.08	2 1-	2 ACSR 6/1	0	0	1035	306	7	0	0	0.00	2.09	0
21270026+	21270019	6.70	75 1-	2 ACSR 6/1	0	0	1094	311	246	16	9	0.03	2.11	5
21270027+	21270026	6.84	74 1-	2 ACSR 6/1	0	0	1071	309	244	16	9	0.04	2.14	7
20850089+	21270027	7.02	73 1-	2 ACSR 6/1	0	0	1043	307	242	16	9	0.04	2.19	8
20850091+	20850089	7.08	3 1-	2 ACSR 6/1	0	0	1034	306	3	0	0	0.00	2.19	0
20850116+	20850091	7.17	2 1-	2 ACSR 6/1	0	0	1021	305	2	0	0	0.00	2.19	0
20850699+	20850116	7.24	1 1-	2 ACSR 6/1	0	0	1011	304	0	0	0	0.00	2.19	0
20850696+	20850699	7.30	0 1-	2 ACSR 6/1	0	0	1003	303	0	0	0	0.00	2.19	0
20850695+	20850699	7.30	0 1-	2 ACSR 6/1	0	0	1002	303	0	0	0	0.00	2.19	0
20850090+	20850089	7.07	2 1-	2 ACSR 6/1	0	0	1036	306	6	0	0	0.00	2.19	0
20851530+	20850090	7.21	0 1-	2 ACSR 6/1	0	0	1015	304	0	0	0	0.00	2.19	0
20850123+	20850089	7.06	66 1-	2 ACSR 6/1	0	0	1037	306	223	15	8	0.01	2.19	2
20850122+	20850123	7.12	64 1-	2 ACSR 6/1	0	0	1028	305	216	14	8	0.01	2.21	2
D21-37-P001+	20850122	7.12	8 1-	FUS	0	0	1028	305	13	0	20	0.00	2.21	0
20851532+	D21-37-P001	7.19	8 1-	2 ACSR 6/1	0	0	1018	305	13	0	0	0.00	2.21	0
20851704+	20851532	7.27	7 1-	2 ACSR 6/1	0	0	1006	304	11	0	0	0.00	2.21	0
20851706+	20851704	7.42	5 1-	2 ACSR 6/1	0	0	986	302	8	0	0	0.00	2.21	0
20851689+	20851706	7.68	3 1-	2 ACSR 6/1	0	0	951	299	4	0	0	0.00	2.21	0
20851690+	20851689	7.74	3 1-	2 ACSR 6/1	0	0	943	298	4	0	0	0.00	2.21	0
20851910+	20851690	7.88	2 1-	2 ACSR 6/1	0	0	926	296	2	0	0	0.00	2.21	0
20851691+	20851690	7.81	1 1-	2 ACSR 6/1	0	0	935	297	2	0	0	0.00	2.21	0
21370008+	20851706	7.48	2 1-	2 ACSR 6/1	0	0	978	301	4	0	0	0.00	2.21	0
20851705+	20851704	7.40	1 1-	2 ACSR 6/1	0	0	988	302	3	0	0	0.00	2.21	0
20850088+	20850122	7.20	54 1-	2 ACSR 6/1	0	0	1017	304	197	13	7	0.01	2.22	2
20850093+	20850088	7.24	49 1-	2 ACSR 6/1	0	0	1010	304	186	12	7	0.01	2.23	1
20850094+	20850093	7.31	47 1-	2 ACSR 6/1	0	0	1001	303	182	12	7	0.01	2.24	2
20850112+	20850094	7.41	3 1-	2 ACSR 6/1	0	0	988	302	7	0	0	0.00	2.24	0
20850095+	20850094	7.40	44 1-	2 ACSR 6/1	0	0	988	302	175	11	7	0.02	2.26	2
20850110+	20850095	7.45	42 1-	2 ACSR 6/1	0	0	981	301	166	11	6	0.01	2.27	1
20850299+	20850110	7.55	41 1-	2 ACSR 6/1	0	0	968	300	162	11	6	0.02	2.28	2
D21-38-P006+	20850299	7.55	16 1-	REC-25-E	0	0	968	300	54	3	15	0.00	2.28	0
20852114+	D21-38-P006	7.66	16 1-	2 ACSR 6/1	0	0	954	299	54	3	2	0.01	2.29	0
20852115+	20852114	7.73	15 1-	2 ACSR 6/1	0	0	945	298	49	3	2	0.00	2.29	0
21380006+	20852115	8.16	13 1-	2 ACSR 6/1	0	0	894	293	47	3	2	0.02	2.32	0
21380007+	21380006	8.27	13 1-	2 ACSR 6/1	0	0	881	292	47	3	2	0.01	2.32	0
20852077+	21380007	8.37	12 1-	2 ACSR 6/1	0	0	871	291	42	2	2	0.00	2.32	0
D21-48-P001+	20852077	8.37	6 1-	FUS-15	0	0	871	291	20	1	10	0.00	2.32	0
21480001+	D21-48-P001	8.48	6 1-	2 ACSR 6/1	0	0	859	290	20	1	1	0.00	2.33	0
21480002+	21480001	8.58	4 1-	2 ACSR 6/1	0	0	848	289	11	0	0	0.00	2.33	0
21480006+	21480002	8.96	2 1-	2 ACSR 6/1	0	0	810	284	6	0	0	0.00	2.33	0
21480005+	20852077	8.53	6 1-	2 ACSR 6/1	0	0	853	289	22	1	1	0.00	2.33	0
21480004+	21480005	8.66	4 1-	2 ACSR 6/1	0	0	840	288	14	0	1	0.00	2.33	0
21480007+	21480004	8.71	3 1-	2 ACSR 6/1	0	0	835	287	8	0	0	0.00	2.33	0
21480008+	21480007	8.77	0 1-	2 ACSR 6/1	0	0	829	286	0	0	0	0.00	2.33	0
21480003+	21480005	8.61	1 1-	2 ACSR 6/1	0	0	845	288	2	0	0	0.00	2.33	0
20850301+	20850299	7.63	1 1-	2 ACSR 6/1	0	0	958	299	2	0	0	0.00	2.29	0
20850243+	20850301	7.69	1 1-	2 ACSR 6/1	0	0	950	299	2	0	0	0.00	2.29	0
20850300+	20850299	7.62	22 1-	2 ACSR 6/1	0	0	959	299	102	6	4	0.01	2.29	0
20850242+	20850300	7.77	21 1-	2 ACSR 6/1	0	0	940	298	95	6	4	0.01	2.31	0
20850291+	20850242	7.83	20 1-	2 ACSR 6/1	0	0	932	297	91	6	3	0.01	2.31	0
20851876+	20850291	7.87	19 1-	2 ACSR 6/1	0	0	927	297	89	6	3	0.00	2.32	0
20851878+	20851876	7.97	18 1-	2 ACSR 6/1	0	0	915	295	82	5	3	0.01	2.32	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851879+	20851878	8.12	17 1-	2 ACSR 6/1	0	0	898	294	80	5	3	0.01	2.34	0
20851881+	20851879	8.16	17 1-	2 ACSR 6/1	0	0	893	293	80	5	3	0.00	2.34	0
20851882+	20851881	8.26	16 1-	2 ACSR 6/1	0	0	882	292	73	4	3	0.01	2.35	0
20852076+	20851882	8.34	1 1-	2 ACSR 6/1	0	0	873	291	4	0	0	0.00	2.35	0
20852075+	20851882	8.39	14 1-	2 ACSR 6/1	0	0	868	291	64	4	2	0.01	2.36	0
21290014+	20852075	8.72	1 1-	2 ACSR 6/1	0	0	834	287	5	0	0	0.00	2.36	0
21290015+	21290014	8.81	1 1-	2 ACSR 6/1	0	0	825	286	5	0	0	0.00	2.36	0
20852078+	21290015	8.88	1 1-	2 ACSR 6/1	0	0	818	285	5	0	0	0.00	2.36	0
21390002+	21290015	9.47	0 1-	2 ACSR 6/1	0	0	765	279	0	0	0	0.00	2.36	0
21290017+	20852075	8.53	2 1-	2 ACSR 6/1	0	0	854	289	13	0	1	0.00	2.36	0
20850298+	21290017	8.60	1 1-	2 ACSR 6/1	0	0	846	288	6	0	0	0.00	2.36	0
20850158+	21290017	8.66	1 1-	2 ACSR 6/1	0	0	840	288	7	0	0	0.00	2.36	0
21290018+	20852075	8.65	11 1-	2 ACSR 6/1	0	0	840	288	45	3	2	0.01	2.37	0
D21-29-P021+	21290018	8.65	11 1-	REC-25-E	0	0	840	288	45	3	12	0.00	2.37	0
21290016+	D21-29-P021	8.72	11 1-	2 ACSR 6/1	0	0	834	287	45	3	2	0.00	2.37	0
20850576+	21290016	8.98	11 1-	2 ACSR 6/1	0	0	808	284	45	3	2	0.01	2.38	0
20850577+	20850576	9.03	10 1-	2 ACSR 6/1	0	0	804	284	39	2	1	0.00	2.38	0
20850579+	20850577	9.09	9 1-	2 ACSR 6/1	0	0	799	283	36	2	1	0.00	2.39	0
20850580+	20850579	9.14	8 1-	2 ACSR 6/1	0	0	794	282	31	2	1	0.00	2.39	0
21290020+	20850580	9.43	7 1-	2 ACSR 6/1	0	0	768	279	23	1	1	0.01	2.40	0
21190016+	21290020	9.47	7 1-	2 ACSR 6/1	0	0	766	279	23	1	1	0.00	2.40	0
D21-19-P002+	21190016	9.47	0 1-	FUS	0	0	766	279	0	0	0	0.00	2.40	0
21190013+	D21-19-P002	10.21	0 1-	2 ACSR 6/1	0	0	707	272	0	0	0	0.00	2.40	0
21190004+	21190016	9.71	7 1-	2 ACSR 6/1	0	0	745	277	23	1	1	0.01	2.40	0
21190008+	21190004	9.87	0 1-	2 ACSR 6/1	0	0	733	275	0	0	0	0.00	2.40	0
21190014+	21190004	9.83	7 1-	2 ACSR 6/1	0	0	736	275	23	1	1	0.00	2.41	0
21190015+	21190014	9.93	7 1-	2 ACSR 6/1	0	0	728	274	23	1	1	0.00	2.41	0
20852355+	21190015	10.04	2 1-	2 ACSR 6/1	0	0	720	273	9	0	0	0.00	2.41	0
21190010+	20852355	10.12	1 1-	2 ACSR 6/1	0	0	714	272	7	0	0	0.00	2.41	0
21190009+	20852355	10.13	0 1-	2 ACSR 6/1	0	0	713	272	0	0	0	0.00	2.41	0
21190005+	21190015	10.04	5 1-	2 ACSR 6/1	0	0	720	273	15	0	1	0.00	2.41	0
21190006+	21190005	10.11	4 1-	2 ACSR 6/1	0	0	715	273	13	0	0	0.00	2.41	0
21190007+	21190006	10.25	3 1-	2 ACSR 6/1	0	0	705	271	10	0	0	0.00	2.41	0
20850581+	20850580	9.30	1 1-	2 ACSR 6/1	0	0	780	281	8	0	0	0.00	2.39	0
20850578+	20850577	9.11	1 1-	2 ACSR 6/1	0	0	797	283	3	0	0	0.00	2.38	0
21290019+	21290016	8.78	0 1-	2 ACSR 6/1	0	0	828	286	0	0	0	0.00	2.37	0
20851880+	20851879	8.20	0 1-	2 ACSR 6/1	0	0	889	293	0	0	0	0.00	2.34	0
20851877+	20851876	8.07	1 1-	2 ACSR 6/1	0	0	904	294	6	0	0	0.00	2.32	0
20850138+	20850300	7.72	1 1-	2 ACSR 6/1	0	0	946	298	7	0	0	0.00	2.29	0
20850092+	20850088	7.28	5 1-	2 ACSR 6/1	0	0	1005	303	10	0	0	0.00	2.22	0
21270028+	21270027	6.91	1 1-	2 ACSR 6/1	0	0	1060	308	2	0	0	0.00	2.14	0
21270025+	21270019	6.65	1 1-	2 ACSR 6/1	0	0	1102	311	1	0	0	0.00	2.08	0
21270014+	21270015	6.59	36 1-	2 ACSR 6/1	0	0	1112	312	131	8	5	0.06	0.91	6
D21-27-P019A+	21270014	6.59	35 1-	REC-35-E	0	0	1112	312	130	8	25	0.00	0.91	0
21270004+	D21-27-P019A	6.64	35 1-	2 ACSR 6/1	0	0	1104	311	130	8	5	0.01	0.91	0
21270034+	21270004	6.69	35 1-	2 ACSR 6/1	0	0	1096	311	130	8	5	0.01	0.92	0
21270035+	21270034	6.76	34 1-	2 ACSR 6/1	0	0	1085	310	127	8	5	0.01	0.93	0
21270036+	21270035	6.83	1 1-	2 ACSR 6/1	0	0	1073	309	6	0	0	0.00	0.93	0
20850224+	21270035	6.81	33 1-	2 ACSR 6/1	0	0	1077	309	121	8	5	0.01	0.93	0
20850311+	20850224	6.85	32 1-	2 ACSR 6/1	0	0	1070	309	119	8	4	0.01	0.94	0
20850310+	20850311	6.93	30 1-	2 ACSR 6/1	0	0	1056	308	103	6	4	0.01	0.95	0
21270006+	20850310	7.01	29 1-	2 ACSR 6/1	0	0	1045	307	99	6	4	0.01	0.95	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21270007+	21270006	7.38	5 1-	2 ACSR 6/1	0	0	991	302	15	0	1	0.01	0.96	0
21270009+	21270007	7.45	2 1-	2 ACSR 6/1	0	0	981	301	4	0	0	0.00	0.96	0
21270002+	21270009	7.51	1 1-	2 ACSR 6/1	0	0	974	301	2	0	0	0.00	0.96	0
21270020+	21270024	7.64	0 1-	2 ACSR 6/1	0	0	956	299	0	0	0	0.00	0.96	0
21270008+	21270007	7.56	2 1-	2 ACSR 6/1	0	0	967	300	10	0	0	0.00	0.96	0
21270023+	21270008	7.60	1 1-	2 ACSR 6/1	0	0	962	300	7	0	0	0.00	0.96	0
20851735+	21270008	8.10	1 1-	2 ACSR 6/1	0	0	900	294	3	0	0	0.00	0.96	0
21270022+	21270006	7.10	23 1-	2 ACSR 6/1	0	0	1032	306	80	5	3	0.01	0.96	0
21270011+	21270022	7.14	21 1-	2 ACSR 6/1	0	0	1025	305	69	4	3	0.00	0.96	0
21270021+	21270011	7.20	2 1-	2 ACSR 6/1	0	0	1017	304	6	0	0	0.00	0.96	0
21270010+	21270011	7.22	18 1-	2 ACSR 6/1	0	0	1014	304	61	4	2	0.00	0.97	0
21260031+	21270010	7.27	6 1-	2 ACSR 6/1	0	0	1006	304	19	1	1	0.00	0.97	0
21270012+	21260031	7.38	6 1-	2 ACSR 6/1	0	0	991	302	19	1	1	0.00	0.97	0
20851531+	21270012	7.48	5 1-	2 ACSR 6/1	0	0	978	301	17	1	1	0.00	0.97	0
20851694+	20851531	7.57	4 1-	2 ACSR 6/1	0	0	966	300	17	1	1	0.00	0.97	0
20851695+	20851694	7.65	1 1-	2 ACSR 6/1	0	0	955	299	3	0	0	0.00	0.98	0
21260025+	21270010	7.27	10 1-	2 ACSR 6/1	0	0	1007	304	41	2	2	0.00	0.97	0
21260024+	21260025	7.33	1 1-	2 ACSR 6/1	0	0	997	303	7	0	0	0.00	0.97	0
21260023+	21260025	7.32	6 1-	2 ACSR 6/1	0	0	999	303	16	1	1	0.00	0.97	0
21260029+	21260023	7.43	5 1-	2 ACSR 6/1	0	0	984	302	13	0	0	0.00	0.97	0
21260028+	21260029	7.51	1 1-	2 ACSR 6/1	0	0	974	301	4	0	0	0.00	0.97	0
21260030+	21260028	7.67	1 1-	2 ACSR 6/1	0	0	953	299	4	0	0	0.00	0.97	0
21260002+	21260028	7.57	0 1-	2 ACSR 6/1	0	0	966	300	0	0	0	0.00	0.97	0
21-26-P035-B+	21260002	7.57	0 1-	Open	0	0	966	300	0	0	0	0.00	0.97	0
20851092+	21260023	7.57	1 1-	2 ACSR 6/1	0	0	965	300	3	0	0	0.00	0.97	0
21270005+	20850310	7.08	1 1-	2 ACSR 6/1	0	0	1034	306	4	0	0	0.00	0.95	0
20850309+	20850311	6.98	1 1-	2 ACSR 6/1	0	0	1049	307	7	0	0	0.00	0.94	0
21270033+	21270004	6.79	0 1-	2 ACSR 6/1	0	0	1079	309	0	0	0	0.00	0.91	0
D21-27-P019+	21270014	6.59	1 1-	REC-35-E	0	0	1112	312	1	0	0	0.00	0.91	0
21270032+	D21-27-P019	6.75	1 1-	2 ACSR 6/1	0	0	1086	310	1	0	0	0.00	0.91	0
21270013+	20852019	6.03	0 1-	2 ACSR 6/1	0	0	1209	318	0	0	0	0.00	0.56	0
20850225+	20852019	5.97	2 1-	2 ACSR 6/1	0	0	1221	319	12	0	0	0.00	1.92	0
20852018+	20851830	5.73	6 1-	2 ACSR 6/1	0	0	1264	321	25	1	1	0.00	1.89	0
21170003+	20852018	5.75	4 1-	2 ACSR 6/1	0	0	1260	321	22	1	1	0.00	1.89	0
21170004+	21170003	5.89	2 1-	2 ACSR 6/1	0	0	1230	319	7	0	0	0.00	1.89	0
20851828+	20851827	5.68	0 1-	2 ACSR 6/1	0	0	1269	321	0	0	0	0.00	1.86	0
20851591+	20851986	5.69	2 1-	2 ACSR 6/1	0	0	1254	320	4	0	0	0.00	1.78	0
20851984+	20851982	5.05	1 1-	2 ACSR 6/1	0	0	1400	328	11	0	0	0.00	0.60	0
20852089+	20852332	5.04	1 1-	2 ACSR 6/1	0	0	1400	328	6	0	0	0.00	1.74	0
21080019+	21080018	4.48	1 1-	2 ACSR 6/1	0	0	1540	333	0	0	0	0.00	0.61	0
21080015+	21080016	4.33	1 1-	2 ACSR 6/1	0	0	1579	335	3	0	0	0.00	0.61	0
20851524+	15980012	4.01	598 3-	1/0 ACSR 6/1	2046	1906	1677	338	2301	51	22	0.04	0.93	87
20851525+	20851524	4.07	597 3-	1/0 ACSR 6/1	2029	1888	1660	338	2287	51	22	0.02	0.95	42
20851618+	20851525	4.15	596 3-	1/0 ACSR 6/1	2021	1860	1633	337	2282	51	22	0.03	0.98	69
20851619+	20851618	4.22	594 3-	1/0 ACSR 6/1	1982	1841	1615	336	2276	51	22	0.02	1.00	49
15980014+	20851619	4.41	594 3-	1/0 ACSR 6/1	1925	1784	1561	334	2275	51	22	0.07	1.06	149
D21-08-P040+	15980014	4.41	4 1-	FUS-40	0	0	1561	334	16	1	3	0.00	1.75	0
21080030+	D21-08-P040	4.45	4 1-	2 ACSR 6/1	0	0	1548	334	16	1	1	0.00	1.75	0
21080032+	21080030	4.48	3 1-	2 ACSR 6/1	0	0	1538	333	16	1	1	0.00	1.75	0
21080033+	21080032	4.56	2 1-	2 ACSR 6/1	0	0	1512	332	11	0	0	0.00	1.75	0
15980017+	21080033	4.83	1 1-	2 ACSR 6/1	0	0	1435	328	6	0	0	0.00	1.76	0
21080025+	15980014	4.60	590 3-	1/0 ACSR 6/1	1872	1731	1511	332	2257	50	22	0.07	1.12	145

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21080026+	21080025	4.66	589 3-	1/0 ACSR 6/1	1856	1715	1496	332	2255	50	22	0.02	1.14	46
21080004+	21080026	4.70	587 3-	1/0 ACSR 6/1	1843	1702	1484	331	2249	50	22	0.02	1.15	36
21080003+	21080004	4.72	586 3-	1/0 ACSR 6/1	1839	1699	1481	331	2246	50	22	0.00	1.16	10
21-08-P047-B+	21080003	4.72	586 3-	Closed	1839	1699	1481	331	2246	50	0	0.00	1.16	0
21-08-P047-A+	21-08-P047-B	4.72	586 3-	Closed	1839	1699	1481	331	2246	50	0	0.00	1.16	0
21080006+	21-08-P047-A	4.76	586 3-	1/0 ACSR 6/1	1827	1686	1469	331	2246	50	22	0.02	1.17	36
21080007+	21080006	4.83	90 3-	2 ACSR 6/1	1807	1666	1451	330	342	7	4	0.01	1.18	2
21080008+	21080007	4.86	88 3-	2 ACSR 6/1	1798	1657	1443	329	333	7	4	0.00	1.18	0
21080009+	21080008	4.91	87 3-	2 ACSR 6/1	1782	1641	1428	329	327	7	4	0.01	1.19	2
21080012+	21080009	4.99	0 1-	2 ACSR 6/1	0	0	1406	328	0	0	0	0.00	0.96	0
21080031+	21080009	4.95	87 3-	2 ACSR 6/1	1768	1627	1416	328	327	7	4	0.00	1.19	2
D21-07-P079+	21080031	4.95	87 3-	RBC-35-E	1768	1627	1416	328	327	7	21	0.00	1.19	0
21070047+	D21-07-P079	4.99	87 3-	2 ACSR 6/1	1756	1615	1405	327	327	7	4	0.00	1.20	1
21070014+	21070047	5.06	87 3-	2 ACSR 6/1	1736	1594	1387	327	327	7	4	0.01	1.20	2
15970030+	21070014	5.11	12 1-	2 ACSR 6/1	0	0	1374	326	26	1	1	0.00	0.97	0
20851460+	15970030	5.17	5 1-	2 ACSR 6/1	0	0	1359	325	17	1	1	0.00	0.97	0
20851461+	20851460	5.21	1 1-	2 ACSR 6/1	0	0	1349	324	5	0	0	0.00	0.97	0
15970032+	21070014	5.08	2 1-	2 ACSR 6/1	0	0	1382	326	10	0	0	0.00	1.96	0
15970011+	21070014	5.15	73 3-	2 ACSR 6/1	1710	1568	1364	325	291	6	4	0.01	1.21	2
15970033+	15970011	5.24	4 1-	2 ACSR 6/1	0	0	1342	324	12	0	0	0.00	1.98	0
20851553+	15970033	5.35	2 1-	2 ACSR 6/1	0	0	1317	323	7	0	0	0.00	1.98	0
15980018+	20851553	5.54	1 1-	2 ACSR 6/1	0	0	1271	320	5	0	0	0.00	1.98	0
15970023+	15970011	5.34	69 3-	2 ACSR 6/1	1657	1516	1317	323	279	6	3	0.02	1.22	5
15970024+	15970023	5.46	68 3-	2 ACSR 6/1	1626	1485	1290	321	275	6	3	0.01	1.23	3
15970028+	15970024	5.51	63 3-	2 ACSR 6/1	1613	1472	1279	321	249	5	3	0.00	1.24	0
15970029+	15970028	5.59	62 3-	2 ACSR 6/1	1592	1451	1260	319	245	5	3	0.01	1.24	2
15870077+	15970029	5.66	58 3-	2 ACSR 6/1	1575	1435	1246	319	236	5	3	0.01	1.25	1
15870091+	15870077	5.69	56 3-	2 ACSR 6/1	1568	1428	1240	318	234	5	3	0.00	1.25	0
15870092+	15870091	5.72	56 3-	2 ACSR 6/1	1561	1421	1234	318	234	5	3	0.00	1.25	0
15870069+	15870092	5.79	54 3-	2 ACSR 6/1	1544	1404	1219	317	230	5	3	0.01	1.26	1
15870072+	15870069	5.96	5 1-	2 ACSR 6/1	0	0	1185	315	23	1	1	0.00	1.04	0
15870074+	15870072	6.05	4 1-	2 ACSR 6/1	0	0	1167	314	16	1	1	0.00	1.04	0
15870075+	15870074	6.12	2 1-	2 ACSR 6/1	0	0	1154	313	7	0	0	0.00	1.04	0
15870076+	15870075	6.17	1 1-	2 ACSR 6/1	0	0	1145	312	4	0	0	0.00	1.04	0
15870073+	15870072	6.03	1 1-	2 ACSR 6/1	0	0	1170	314	8	0	0	0.00	1.04	0
15870071+	15870069	5.82	1 1-	2 ACSR 6/1	0	0	1213	317	4	0	0	0.00	1.03	0
15870070+	15870069	5.88	46 3-	2 ACSR 6/1	1521	1382	1199	316	197	4	2	0.00	1.26	1
20850405+	15870070	5.90	45 3-	2 ACSR 6/1	1517	1377	1196	315	190	4	2	0.00	1.26	0
20850429+	20850405	5.99	38 3-	2 ACSR 6/1	1496	1357	1178	314	152	3	2	0.00	1.27	0
20850430+	20850429	6.09	38 3-	2 ACSR 6/1	1474	1336	1160	313	152	3	2	0.00	1.27	0
D15-87-P019+	20850430	6.09	12 1-	FUS	0	0	1160	313	60	4	92	0.00	2.10	0
15870102+	D15-87-P019	6.14	12 1-	2 ACSR 6/1	0	0	1149	312	60	4	2	0.00	2.11	0
20850325+	15870102	6.18	8 1-	2 ACSR 6/1	0	0	1143	312	41	2	2	0.00	2.11	0
20850326+	20850325	6.22	7 1-	2 ACSR 6/1	0	0	1135	311	36	2	1	0.00	2.11	0
20850687+	20850326	6.25	3 1-	2 ACSR 6/1	0	0	1129	311	9	0	0	0.00	2.11	0
20850688+	20850687	6.29	1 1-	2 ACSR 6/1	0	0	1122	311	0	0	0	0.00	2.11	0
20850524+	20850326	6.30	2 1-	2 ACSR 6/1	0	0	1121	310	18	1	1	0.00	2.11	0
20850324+	15870102	6.20	2 1-	2 ACSR 6/1	0	0	1140	312	10	0	0	0.00	2.11	0
D15-87-P019A+	20850430	6.09	15 1-	FUS	0	0	1160	313	42	2	65	0.00	2.10	0
15870103+	D15-87-P019A	6.16	15 1-	2 ACSR 6/1	0	0	1147	312	42	2	2	0.00	2.11	0
20850044+	15870103	6.22	14 1-	2 ACSR 6/1	0	0	1136	311	39	2	1	0.00	2.11	0
15870098+	20850044	6.26	5 1-	2 ACSR 6/1	0	0	1129	311	16	1	1	0.00	2.11	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850130+	15870098	6.31	2 1-	2 ACSR 6/1	0	0	1119	310	8	0	0	0.00	2.11	0
20850131+	20850130	6.42	0 1-	2 ACSR 6/1	0	0	1101	309	0	0	0	0.00	2.11	0
15-87-P013-B+	20850131	6.42	0 1-	Open	0	0	1101	309	0	0	0	0.00	2.11	0
15870097+	20850044	6.25	1 1-	2 ACSR 6/1	0	0	1130	311	6	0	0	0.00	2.11	0
15870093+	20850044	6.27	6 1-	2 ACSR 6/1	0	0	1126	311	17	1	1	0.00	2.11	0
15870094+	15870093	6.33	5 1-	2 ACSR 6/1	0	0	1115	310	12	0	0	0.00	2.11	0
15870096+	15870094	6.38	1 1-	2 ACSR 6/1	0	0	1107	309	3	0	0	0.00	2.11	0
15870095+	15870094	6.38	2 1-	2 ACSR 6/1	0	0	1108	309	5	0	0	0.00	2.11	0
20850547+	20850430	6.14	8 1-	2 ACSR 6/1	0	0	1150	312	33	2	1	0.00	1.04	0
20850548+	20850547	6.16	6 1-	2 ACSR 6/1	0	0	1146	312	27	1	1	0.00	1.04	0
20850549+	20850548	6.24	5 1-	2 ACSR 6/1	0	0	1133	311	21	1	1	0.00	1.04	0
20850550+	20850549	6.26	4 1-	2 ACSR 6/1	0	0	1128	311	16	1	1	0.00	1.04	0
15870087+	20850550	6.38	1 1-	2 ACSR 6/1	0	0	1107	309	2	0	0	0.00	1.04	0
20850379+	20850430	6.13	2 1-	2 ACSR 6/1	0	0	1152	313	10	0	0	0.00	1.04	0
20850406+	20850405	5.93	6 1-	2 ACSR 6/1	0	0	1189	315	31	2	1	0.00	1.04	0
20850407+	20850406	5.98	5 1-	2 ACSR 6/1	0	0	1181	314	28	1	1	0.00	1.04	0
20850408+	20850407	6.00	3 1-	2 ACSR 6/1	0	0	1176	314	16	1	1	0.00	1.04	0
20850428+	20850408	6.04	1 1-	2 ACSR 6/1	0	0	1170	314	5	0	0	0.00	1.04	0
15870081+	15870070	5.91	1 1-	2 ACSR 6/1	0	0	1194	315	8	0	0	0.00	0.67	0
15870090+	15870077	5.76	2 1-	2 ACSR 6/1	0	0	1224	317	3	0	0	0.00	2.05	0
15970026+	15970024	5.51	2 1-	2 ACSR 6/1	0	0	1278	320	13	0	0	0.00	2.02	0
15970027+	15970026	5.53	1 1-	2 ACSR 6/1	0	0	1273	320	4	0	0	0.00	2.02	0
15970025+	15970024	5.53	2 1-	2 ACSR 6/1	0	0	1274	320	6	0	0	0.00	1.01	0
21080005+	21080006	4.88	496 3-	2 ACSR 6/1	1789	1648	1435	329	1904	43	24	0.06	1.23	104
21070023+	21080005	4.92	492 3-	2 ACSR 6/1	1777	1636	1424	328	1892	42	24	0.02	1.24	34
21070024+	21070023	4.99	490 3-	2 ACSR 6/1	1758	1616	1406	328	1884	42	24	0.03	1.27	55
21070025+	21070024	5.30	489 3-	2 ACSR 6/1	1668	1526	1326	323	1877	42	24	0.16	1.41	267
21070026+	21070025	5.34	9 1-	2 ACSR 6/1	0	0	1318	323	13	0	1	0.00	1.22	0
21070029+	21070026	5.42	8 1-	2 ACSR 6/1	0	0	1299	322	13	0	0	0.00	1.22	0
D21-07-P018+	21070029	5.42	7 1-	FUS-50	0	0	1299	322	13	0	2	0.00	1.22	0
21070010+	D21-07-P018	5.45	7 1-	2 ACSR 6/1	0	0	1292	321	13	0	0	0.00	1.22	0
21070009+	21070010	5.64	4 1-	2 ACSR 6/1	0	0	1250	319	8	0	0	0.00	1.22	0
15970031+	21070009	5.71	1 1-	2 ACSR 6/1	0	0	1234	318	4	0	0	0.00	1.22	0
15970034+	21070009	5.75	3 1-	2 ACSR 6/1	0	0	1227	317	4	0	0	0.00	1.22	0
21070032+	15970034	5.83	1 1-	2 ACSR 6/1	0	0	1211	316	2	0	0	0.00	1.22	0
21070031+	15970034	5.81	1 1-	2 ACSR 6/1	0	0	1213	317	2	0	0	0.00	1.22	0
21070030+	21070010	5.50	2 1-	2 ACSR 6/1	0	0	1281	321	2	0	0	0.00	1.22	0
21070020+	21070025	5.45	3 1-	2 ACSR 6/1	0	0	1293	321	11	0	0	0.00	1.22	0
20851816+	21070020	5.59	2 1-	2 ACSR 6/1	0	0	1260	319	8	0	0	0.00	1.22	0
20851817+	20851816	5.66	1 1-	2 ACSR 6/1	0	0	1247	319	6	0	0	0.00	1.22	0
21070011+	21070025	5.35	477 3-	1/0 ACSR 6/1	1658	1517	1318	323	1851	42	18	0.01	1.42	23
21070034+	21070011	5.42	475 3-	1/0 ACSR 6/1	1642	1501	1303	322	1848	42	18	0.02	1.44	38
21070035+	21070034	5.52	474 3-	1/0 ACSR 6/1	1620	1480	1284	321	1844	41	18	0.03	1.46	51
21070022+	21070035	5.56	1 1-	2 ACSR 6/1	0	0	1276	321	6	0	0	0.00	2.26	0
21070021+	21070035	5.60	472 3-	1/0 ACSR 6/1	1603	1464	1269	320	1834	41	18	0.02	1.48	42
21070028+	21070021	5.68	0 1-	2 ACSR 6/1	0	0	1251	319	0	0	0	0.00	1.30	0
21070027+	21070021	5.65	1 1-	2 ACSR 6/1	0	0	1259	320	2	0	0	0.00	2.29	0
21070012+	21070021	5.77	471 3-	1/0 ACSR 6/1	1569	1431	1239	319	1832	41	18	0.05	1.52	84
21070038+	21070012	5.85	469 3-	1/0 ACSR 6/1	1553	1416	1225	318	1827	41	18	0.02	1.54	41
D21-07-P003+	21070038	5.85	1 1-	FUS	0	0	1225	318	7	0	11	0.00	2.36	0
21070046+	D21-07-P003	6.28	1 1-	2 ACSR 6/1	0	0	1142	313	7	0	0	0.00	2.37	0
21070043+	21070038	5.92	4 1-	2 ACSR 6/1	0	0	1209	317	7	0	0	0.00	1.37	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
21070045+	21070043	5.99	1 1-	2 ACSR 6/1	0	0	1196	316	0	0	0	0.00	1.37	0
21070044+	21070043	5.99	3 1-	2 ACSR 6/1	0	0	1197	316	6	0	0	0.00	1.37	0
21070037+	21070038	5.97	464 3-	1/0 ACSR 6/1	1530	1393	1205	317	1813	41	18	0.03	1.57	60
21070016+	21070037	6.12	464 3-	1/0 ACSR 6/1	1501	1365	1179	316	1813	41	18	0.04	1.61	79
21070017+	21070016	6.30	1 1-	2 ACSR 6/1	0	0	1146	313	4	0	0	0.00	2.45	0
21070018+	21070017	6.35	1 1-	2 ACSR 6/1	0	0	1138	313	4	0	0	0.00	2.45	0
21070019+	21070018	6.44	0 1-	2 ACSR 6/1	0	0	1120	312	0	0	0	0.00	2.45	0
20850528+	21070016	6.20	463 3-	1/0 ACSR 6/1	1488	1352	1168	315	1808	41	18	0.02	1.63	36
20850530+	20850528	6.29	5 1-	2 ACSR 6/1	0	0	1150	314	19	1	1	0.00	0.94	0
20850853+	20850530	6.37	4 1-	2 ACSR 6/1	0	0	1136	313	16	1	1	0.00	0.94	0
21060006+	20850853	6.44	1 1-	2 ACSR 6/1	0	0	1123	312	6	0	0	0.00	0.94	0
21060005+	20850853	6.46	1 1-	2 ACSR 6/1	0	0	1119	312	6	0	0	0.00	0.94	0
20850529+	20850528	6.29	456 3-	1/0 ACSR 6/1	1471	1336	1153	314	1783	40	18	0.03	1.65	46
21060007+	20850529	6.42	455 3-	1/0 ACSR 6/1	1449	1315	1134	313	1777	40	18	0.04	1.68	62
D21-16-P054+	21060007	6.42	3 1-	FUS	0	0	1134	313	2	0	3	0.00	0.96	0
21160053+	D21-16-P054	6.89	3 1-	2 ACSR 6/1	0	0	1054	307	2	0	0	0.00	0.97	0
20851818+	21160053	7.02	2 1-	2 ACSR 6/1	0	0	1035	305	1	0	0	0.00	0.97	0
20851820+	20851818	7.06	1 1-	2 ACSR 6/1	0	0	1029	305	1	0	0	0.00	0.97	0
20851819+	20851818	7.13	1 1-	2 ACSR 6/1	0	0	1018	304	0	0	0	0.00	0.97	0
21160049+	21060007	6.49	452 3-	1/0 ACSR 6/1	1436	1303	1123	312	1774	40	18	0.02	1.70	35
D21-16-P166+	21160049	6.49	48 1-	REC-50-E	0	0	1123	312	151	10	20	0.00	1.55	0
21160052+	D21-16-P166	6.66	48 1-	2 ACSR 6/1	0	0	1095	310	151	10	6	0.03	1.58	3
21060009+	21160052	6.72	1 1-	2 ACSR 6/1	0	0	1083	309	5	0	0	0.00	1.58	0
21060008+	21160052	6.76	47 1-	2 ACSR 6/1	0	0	1077	309	146	9	6	0.02	1.60	2
20850841+	21060008	6.79	44 1-	2 ACSR 6/1	0	0	1073	309	127	8	5	0.00	1.60	0
20850842+	20850841	6.85	43 1-	2 ACSR 6/1	0	0	1063	308	125	8	5	0.01	1.61	0
20850843+	20850842	6.96	42 1-	2 ACSR 6/1	0	0	1046	306	119	8	4	0.01	1.62	1
20850844+	20850843	7.07	40 1-	2 ACSR 6/1	0	0	1030	305	116	7	4	0.01	1.63	1
15960012+	20850844	7.12	39 1-	2 ACSR 6/1	0	0	1022	305	110	7	4	0.01	1.64	0
15960013+	15960012	7.19	37 1-	2 ACSR 6/1	0	0	1012	304	102	6	4	0.01	1.65	0
15960009+	15960013	7.31	35 1-	2 ACSR 6/1	0	0	996	302	99	6	4	0.01	1.66	0
15960010+	15960009	7.40	32 1-	2 ACSR 6/1	0	0	983	301	94	6	4	0.01	1.67	0
15960011+	15960010	7.66	30 1-	2 ACSR 6/1	0	0	949	298	89	6	3	0.02	1.69	2
20850132+	15960011	7.78	29 1-	2 ACSR 6/1	0	0	933	297	83	5	3	0.01	1.70	0
20850134+	20850132	7.83	3 1-	2 ACSR 6/1	0	0	928	296	11	0	0	0.00	1.70	0
15870105+	20850134	7.87	1 1-	2 ACSR 6/1	0	0	922	296	4	0	0	0.00	1.70	0
20850133+	20850132	7.84	25 1-	2 ACSR 6/1	0	0	926	296	70	4	3	0.00	1.70	0
15870051+	20850133	7.91	0 1-	2 ACSR 6/1	0	0	918	295	0	0	0	0.00	1.70	0
15-87-P013-A+	15870051	7.91	0 1-	Open	0	0	918	295	0	0	0	0.00	1.70	0
15870049+	20850133	7.93	25 1-	2 ACSR 6/1	0	0	915	295	70	4	3	0.01	1.71	0
15870089+	15870049	7.99	2 1-	2 ACSR 6/1	0	0	908	294	4	0	0	0.00	1.71	0
15870050+	15870049	8.15	23 1-	2 ACSR 6/1	0	0	890	293	66	4	2	0.01	1.73	0
15860007+	15870050	8.21	19 1-	2 ACSR 6/1	0	0	883	292	53	3	2	0.00	1.73	0
15860021+	15860007	8.30	2 1-	2 ACSR 6/1	0	0	873	291	9	0	0	0.00	1.73	0
15860025+	15860021	8.37	1 1-	2 ACSR 6/1	0	0	866	290	3	0	0	0.00	1.73	0
15860024+	15860021	8.34	1 1-	2 ACSR 6/1	0	0	868	290	6	0	0	0.00	1.73	0
15860008+	15860007	8.32	16 1-	2 ACSR 6/1	0	0	871	291	41	2	2	0.00	1.73	0
15860014+	15860008	8.54	14 1-	2 ACSR 6/1	0	0	848	288	39	2	1	0.01	1.74	0
15860015+	15860014	8.63	12 1-	2 ACSR 6/1	0	0	839	287	23	1	1	0.00	1.74	0
15860016+	15860015	8.85	11 1-	2 ACSR 6/1	0	0	817	285	23	1	1	0.01	1.75	0
15860013+	15860016	9.00	2 1-	2 ACSR 6/1	0	0	803	283	2	0	0	0.00	1.75	0
15860009+	15860013	9.06	1 1-	2 ACSR 6/1	0	0	798	283	1	0	0	0.00	1.75	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15860011+	15860016	9.03	9 1-	2 ACSR 6/1	0	0	800	283	20	1	1	0.00	1.75	0
15860012+	15860011	9.14	7 1-	2 ACSR 6/1	0	0	790	282	17	1	1	0.00	1.75	0
15760006+	15860012	9.39	5 1-	2 ACSR 6/1	0	0	768	279	11	0	0	0.00	1.76	0
15760007+	15760006	9.60	5 1-	2 ACSR 6/1	0	0	751	277	11	0	0	0.00	1.76	0
15760009+	15760007	9.65	2 1-	2 ACSR 6/1	0	0	746	276	7	0	0	0.00	1.76	0
15760001+	15760009	9.88	2 1-	2 ACSR 6/1	0	0	728	274	7	0	0	0.00	1.76	0
15760003+	15760001	10.03	1 1-	2 ACSR 6/1	0	0	718	273	3	0	0	0.00	1.76	0
15760002+	15760001	10.03	1 1-	2 ACSR 6/1	0	0	717	273	4	0	0	0.00	1.76	0
15760008+	15760007	9.68	1 1-	2 ACSR 6/1	0	0	745	276	4	0	0	0.00	1.76	0
15760004+	15860012	9.25	2 1-	2 ACSR 6/1	0	0	781	281	6	0	0	0.00	1.75	0
15760005+	15760004	9.41	0 1-	2 ACSR 6/1	0	0	767	279	0	0	0	0.00	1.75	0
15860010+	15860011	9.09	1 1-	2 ACSR 6/1	0	0	794	282	2	0	0	0.00	1.75	0
15860020+	15860014	8.58	1 1-	2 ACSR 6/1	0	0	844	288	4	0	0	0.00	1.74	0
15870104+	15860020	8.59	0 1-	2 ACSR 6/1	0	0	842	288	0	0	0	0.00	1.74	0
15870078+	15870104	8.90	0 1-	2 ACSR 6/1	0	0	812	284	0	0	0	0.00	1.74	0
15860006+	15870050	8.26	4 1-	2 ACSR 6/1	0	0	878	291	13	0	0	0.00	1.73	0
15860022+	15860006	8.32	2 1-	2 ACSR 6/1	0	0	871	291	5	0	0	0.00	1.73	0
15960008+	15960013	7.43	1 1-	2 ACSR 6/1	0	0	979	301	3	0	0	0.00	1.65	0
20850852+	20850844	7.20	1 1-	2 ACSR 6/1	0	0	1010	304	7	0	0	0.00	1.63	0
20850838+	21060008	6.83	2 1-	2 ACSR 6/1	0	0	1067	308	13	0	1	0.00	1.60	0
21060004+	20850838	6.89	0 1-	2 ACSR 6/1	0	0	1058	307	0	0	0	0.00	1.60	0
20850839+	20850838	6.91	2 1-	2 ACSR 6/1	0	0	1055	307	13	0	1	0.00	1.60	0
20850840+	20850839	7.05	1 1-	2 ACSR 6/1	0	0	1033	305	7	0	0	0.00	1.60	0
21160038+	21160049	6.57	404 3-	1/0 ACSR 6/1	1422	1290	1111	312	1623	37	16	0.01	1.71	34
20850635+	21160038	6.70	1 1-	2 ACSR 6/1	0	0	1089	310	11	0	0	0.00	0.99	0
21160039+	21160038	6.70	403 3-	1/0 ACSR 6/1	1401	1269	1093	311	1611	37	16	0.02	1.74	52
C21-16-PB76+	21160039	6.70	0 3-	Capacitor	1401	1269	1093	311	0	-7	0	0.00	1.74	0
21160040+	21160039	6.77	403 3-	1/0 ACSR 6/1	1390	1259	1084	310	1611	36	16	0.01	1.76	26
21160041+	21160040	6.80	0 1-	2 ACSR 6/1	0	0	1079	310	0	0	0	0.00	2.65	0
21160047+	21160040	6.84	403 3-	1/0 ACSR 6/1	1379	1248	1074	309	1611	36	16	0.02	1.78	28
C21-16-PB78+	21160047	6.84	0 3-	Capacitor	1379	1248	1074	309	0	-7	0	0.00	1.78	0
21160050+	21160047	6.92	403 3-	1/0 ACSR 6/1	1367	1237	1064	309	1610	36	16	0.02	1.80	28
20852095+	21160050	6.98	402 3-	1/0 ACSR 6/1	1357	1228	1056	308	1609	36	16	0.02	1.82	25
20852097+	20852095	7.02	111 3-	1/0 ACSR 6/1	1352	1223	1051	308	363	8	4	0.00	1.82	1
20852082+	20852097	7.22	110 3-	1/0 ACSR 6/1	1322	1195	1026	306	361	8	4	-0.01	1.83	8
D21-16-P111+	20852082	7.22	110 3-	REC-70-E	1322	1195	1026	306	361	8	12	0.00	1.83	0
21160046+	D21-16-P111	7.39	110 3-	1/0 ACSR 6/1	1297	1171	1005	304	361	8	4	-0.01	1.85	7
21160043+	21160046	7.46	3 1-	2 ACSR 6/1	0	0	996	304	8	0	0	0.00	1.64	0
21150049+	21160043	7.79	2 1-	2 ACSR 6/1	0	0	953	300	4	0	0	0.00	1.64	0
20851102+	21150049	8.02	0 1-	2 ACSR 6/1	0	0	924	297	0	0	0	0.00	1.64	0
21150055+	21160043	7.48	1 1-	2 ACSR 6/1	0	0	994	303	3	0	0	0.00	1.64	0
21160054+	21150055	7.53	1 1-	2 ACSR 6/1	0	0	986	303	3	0	0	0.00	1.64	0
20851222+	21160054	7.61	0 1-	2 ACSR 6/1	0	0	976	302	0	0	0	0.00	1.64	0
21160033+	21160046	7.55	102 3-	1/0 ACSR 6/1	1276	1150	987	303	341	7	3	-0.01	1.86	6
21150018+	21160033	7.61	2 1-	2 ACSR 6/1	0	0	980	302	5	0	0	0.00	1.10	0
21150017+	21160033	7.61	1 1-	2 ACSR 6/1	0	0	979	302	0	0	0	0.00	2.84	0
21150008+	21160033	7.72	99 3-	1/0 ACSR 6/1	1254	1130	969	302	337	7	3	-0.01	1.87	6
21150012+	21150008	7.75	3 1-	2 ACSR 6/1	0	0	964	301	12	0	0	0.00	2.87	0
21150014+	21150012	7.85	2 1-	2 ACSR 6/1	0	0	951	300	10	0	0	0.00	2.87	0
21150054+	21150014	8.17	1 1-	2 ACSR 6/1	0	0	913	296	2	0	0	0.00	2.87	0
21150013+	21150012	7.82	1 1-	2 ACSR 6/1	0	0	956	300	2	0	0	0.00	2.87	0
21150009+	21150008	7.87	96 3-	1/0 ACSR 6/1	1234	1111	952	300	325	7	3	-0.01	1.88	5

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21150010+	21150009	7.99	95 3-	1/0 ACSR 6/1	1219	1097	939	299	323	7	3	-0.01	1.88	4
21150040+	21150010	8.11	89 3-	1/0 ACSR 6/1	1205	1084	928	298	308	6	3	0.00	1.89	4
21150057+	21150040	8.46	88 3-	1/0 ACSR 6/1	1164	1046	894	295	308	6	3	-0.01	1.91	11
21050066+	21150057	8.52	88 3-	1/0 ACSR 6/1	1157	1039	888	295	307	6	3	0.00	1.91	2
20850380+	21050066	8.55	5 1-	2 ACSR 6/1	0	0	885	295	14	0	1	0.00	3.00	0
20850570+	20850380	8.71	2 1-	2 ACSR 6/1	0	0	868	293	6	0	0	0.00	3.00	0
21050005+	21050066	8.62	83 3-	1/0 ACSR 6/1	1147	1029	880	294	293	6	3	0.00	1.92	3
D21-15-P121+	21050005	8.62	13 1-	FUS-20	0	0	880	294	30	2	11	0.00	3.01	0
20850388+	D21-15-P121	8.66	13 1-	2 ACSR 6/1	0	0	875	294	30	2	1	0.00	3.02	0
21040003+	20850388	8.92	9 1-	2 ACSR 6/1	0	0	847	291	23	1	1	0.01	3.02	0
21040004+	21040003	8.98	9 1-	2 ACSR 6/1	0	0	841	290	23	1	1	0.00	3.02	0
20850389+	21040004	9.05	1 1-	2 ACSR 6/1	0	0	835	289	2	0	0	0.00	3.02	0
21040002+	21040004	9.17	8 1-	2 ACSR 6/1	0	0	823	288	21	1	1	0.00	3.03	0
15940005+	21040002	9.21	7 1-	2 ACSR 6/1	0	0	819	287	18	1	1	0.00	3.03	0
15940006+	15940005	9.40	5 1-	2 ACSR 6/1	0	0	801	285	15	1	1	0.00	3.03	0
15940008+	15940006	9.69	3 1-	2 ACSR 6/1	0	0	776	282	5	0	0	0.00	3.03	0
15850001+	15940008	10.60	2 1-	2 ACSR 6/1	0	0	705	273	2	0	0	0.00	3.03	0
15940007+	15940006	9.45	2 1-	2 ACSR 6/1	0	0	797	285	10	0	0	0.00	3.03	0
21150030+	21050005	8.64	70 3-	1/0 ACSR 6/1	1144	1027	878	294	263	5	3	0.00	1.92	0
21150031+	21150030	8.70	69 3-	1/0 ACSR 6/1	1138	1021	872	293	263	5	3	0.00	1.92	1
D21-14-P038+	21150031	8.70	10 1-	REC-25-E	0	0	872	293	36	2	10	0.00	3.03	0
21140013+	D21-14-P038	9.05	10 1-	2 ACSR 6/1	0	0	836	290	36	2	1	0.01	3.04	0
21140015+	21140013	9.13	1 1-	2 ACSR 6/1	0	0	828	289	2	0	0	0.00	3.04	0
21140003+	21140013	9.51	9 1-	2 ACSR 6/1	0	0	793	285	34	2	1	0.02	3.06	0
21140016+	21140003	9.68	2 1-	2 ACSR 6/1	0	0	778	283	9	0	0	0.00	3.06	0
21140005+	21140003	9.62	7 1-	2 ACSR 6/1	0	0	783	283	25	1	1	0.00	3.06	0
21140006+	21140005	9.72	7 1-	2 ACSR 6/1	0	0	774	282	25	1	1	0.00	3.06	0
21140007+	21140006	9.76	6 1-	2 ACSR 6/1	0	0	771	282	25	1	1	0.00	3.06	0
21140009+	21140007	9.85	4 1-	2 ACSR 6/1	0	0	763	281	17	1	1	0.00	3.06	0
21140010+	21140009	10.01	3 1-	2 ACSR 6/1	0	0	750	279	13	0	1	0.00	3.06	0
21140011+	21140010	10.22	2 1-	2 ACSR 6/1	0	0	734	277	8	0	0	0.00	3.07	0
21140012+	21140011	10.30	2 1-	2 ACSR 6/1	0	0	728	276	8	0	0	0.00	3.07	0
21140004+	21140011	10.80	0 1-	2 ACSR 6/1	0	0	692	271	0	0	0	0.00	3.07	0
21140008+	21140007	9.87	1 1-	2 ACSR 6/1	0	0	762	281	1	0	0	0.00	3.06	0
21140014+	21150031	8.80	59 3-	1/0 ACSR 6/1	1127	1011	864	293	227	5	2	0.00	1.93	1
21150048+	21140014	8.90	57 3-	1/0 ACSR 6/1	1116	1000	855	292	224	5	2	0.00	1.93	1
21150038+	21150048	8.93	55 3-	1/0 ACSR 6/1	1113	997	852	292	222	5	2	0.00	1.93	0
21150045+	21150038	8.98	48 3-	1/0 ACSR 6/1	1108	993	848	291	186	4	2	0.00	1.94	0
21150037+	21150045	9.02	2 1-	2 ACSR 6/1	0	0	844	291	10	0	0	0.00	3.05	0
21150021+	21150045	9.07	42 3-	1/0 ACSR 6/1	1099	985	841	291	164	3	2	0.00	1.94	0
21150022+	21150021	9.10	32 3-	2 ACSR 6/1	1096	981	838	290	120	2	2	0.00	1.94	0
21150033+	21150022	9.24	31 3-	2 ACSR 6/1	1078	964	824	289	114	2	1	-0.01	1.94	2
D21-15-P075+	21150033	9.24	31 1-	REC-35-E	0	0	824	289	114	7	22	0.00	3.08	0
21150016+	D21-15-P075	9.31	31 1-	2 ACSR 6/1	0	0	817	288	114	7	4	0.01	3.09	0
21150023+	21150016	9.36	30 1-	2 ACSR 6/1	0	0	813	287	111	7	4	0.01	3.10	0
21150036+	21150023	9.94	29 1-	2 ACSR 6/1	0	0	761	281	104	7	4	0.06	3.15	5
D21-25-P002+	21150036	9.94	15 1-	FUS-15	0	0	761	281	50	3	26	0.00	3.15	0
21250003+	D21-25-P002	10.31	15 1-	2 ACSR 6/1	0	0	732	277	50	3	2	0.02	3.17	0
21240020+	21250003	10.47	1 1-	2 ACSR 6/1	0	0	720	276	5	0	0	0.00	3.17	0
21240005+	21250003	10.40	14 1-	2 ACSR 6/1	0	0	726	276	45	3	2	0.00	3.18	0
21240007+	21240005	10.60	12 1-	2 ACSR 6/1	0	0	711	274	40	2	2	0.01	3.19	0
21240008+	21240007	10.69	11 1-	2 ACSR 6/1	0	0	704	273	36	2	1	0.00	3.19	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21240009+	21240008	10.78	10 1-	2 ACSR 6/1	0	0	698	272	34	2	1	0.00	3.19	0
21240010+	21240009	10.93	10 1-	2 ACSR 6/1	0	0	687	271	34	2	1	0.01	3.20	0
21240011+	21240010	11.02	9 1-	2 ACSR 6/1	0	0	681	270	30	2	1	0.00	3.20	0
21240012+	21240011	11.10	9 1-	2 ACSR 6/1	0	0	676	269	30	2	1	0.00	3.20	0
21240013+	21240012	11.21	8 1-	2 ACSR 6/1	0	0	669	268	28	1	1	0.00	3.20	0
21240014+	21240013	11.24	8 1-	2 ACSR 6/1	0	0	667	268	28	1	1	0.00	3.21	0
21240004+	21240014	11.27	0 1-	2 ACSR 6/1	0	0	665	268	0	0	0	0.00	3.21	0
21240015+	21240014	11.30	8 1-	2 ACSR 6/1	0	0	663	267	28	1	1	0.00	3.21	0
21240017+	21240015	11.38	6 1-	2 ACSR 6/1	0	0	658	267	16	1	1	0.00	3.21	0
21240019+	21240017	11.43	1 1-	2 ACSR 6/1	0	0	655	266	1	0	0	0.00	3.21	0
21240018+	21240017	11.66	3 1-	2 ACSR 6/1	0	0	641	264	10	0	0	0.00	3.21	0
D21-23-P003+	21240018	11.66	2 1-	FUS-7	0	0	641	264	8	0	9	0.00	3.21	0
21230002+	D21-23-P003	11.80	2 1-	2 ACSR 6/1	0	0	633	263	8	0	0	0.00	3.21	0
20850582+	21230002	12.04	0 1-	2 ACSR 6/1	0	0	619	260	0	0	0	0.00	3.21	0
D21-23-P003A+	21240018	11.66	1 1-	FUS-7	0	0	641	264	1	0	1	0.00	3.21	0
20850717+	D21-23-P003A	12.13	1 1-	2 ACSR 6/1	0	0	615	260	1	0	0	0.00	3.21	0
21240016+	21240015	11.48	1 1-	2 ACSR 6/1	0	0	652	266	6	0	0	0.00	3.21	0
21240003+	21240009	11.66	0 1-	2 ACSR 6/1	0	0	641	264	0	0	0	0.00	3.19	0
21240006+	21240005	10.63	1 1-	2 ACSR 6/1	0	0	709	274	3	0	0	0.00	3.18	0
21250008+	21150036	10.00	11 1-	2 ACSR 6/1	0	0	756	280	39	2	1	0.00	3.16	0
21250002+	21250008	10.93	9 1-	2 ACSR 6/1	0	0	687	271	36	2	1	0.04	3.19	0
D21-35-P003+	21250002	10.93	4 1-	FUS-15	0	0	687	271	23	1	12	0.00	3.19	0
21350012+	D21-35-P003	11.06	4 1-	2 ACSR 6/1	0	0	679	270	23	1	1	0.00	3.19	0
21350014+	21350012	11.35	3 1-	2 ACSR 6/1	0	0	660	267	15	1	1	0.00	3.20	0
21250005+	21350014	11.38	2 1-	2 ACSR 6/1	0	0	658	267	7	0	0	0.00	3.20	0
21250006+	21250005	11.45	1 1-	2 ACSR 6/1	0	0	654	266	4	0	0	0.00	3.20	0
21250009+	21250006	11.47	1 1-	2 ACSR 6/1	0	0	652	266	4	0	0	0.00	3.20	0
21250011+	21250009	11.62	0 1-	2 ACSR 6/1	0	0	644	264	0	0	0	0.00	3.20	0
21250010+	21250011	11.92	0 1-	2 ACSR 6/1	0	0	626	261	0	0	0	0.00	3.20	0
21250007+	21250006	11.52	0 1-	2 ACSR 6/1	0	0	649	265	0	0	0	0.00	3.20	0
21350009+	21250002	11.04	5 1-	2 ACSR 6/1	0	0	680	270	14	0	1	0.00	3.19	0
21350013+	21350009	11.15	1 1-	2 ACSR 6/1	0	0	673	269	4	0	0	0.00	3.19	0
21350015+	21350009	11.12	0 1-	2 ACSR 6/1	0	0	675	269	0	0	0	0.00	3.19	0
21350010+	21350009	11.14	4 1-	2 ACSR 6/1	0	0	674	269	10	0	0	0.00	3.19	0
21350011+	21350010	11.20	2 1-	2 ACSR 6/1	0	0	669	268	5	0	0	0.00	3.19	0
21250004+	21250008	10.03	2 1-	2 ACSR 6/1	0	0	754	280	3	0	0	0.00	3.16	0
21150024+	21150023	9.44	0 1-	2 ACSR 6/1	0	0	805	286	0	0	0	0.00	3.10	0
21150015+	21150033	9.33	0 3-	2 ACSR 6/1	1068	955	816	288	0	0	0	0.00	1.94	0
21150029+	21150015	9.40	0 3-	2 ACSR 6/1	1059	947	809	287	0	0	0	0.00	1.94	0
21150020+	21150033	9.29	0 1-	2 ACSR 6/1	0	0	819	288	0	0	0	0.00	1.18	0
21150032+	21150021	9.16	6 1-	2 ACSR 6/1	0	0	832	290	25	1	1	0.00	1.18	0
21150025+	21150032	9.30	5 1-	2 ACSR 6/1	0	0	818	288	21	1	1	0.00	1.18	0
21150027+	21150025	9.35	1 1-	2 ACSR 6/1	0	0	814	287	7	0	0	0.00	1.18	0
21150026+	21150025	9.33	2 1-	2 ACSR 6/1	0	0	815	288	7	0	0	0.00	1.18	0
21150046+	21150045	9.08	3 1-	2 ACSR 6/1	0	0	838	290	8	0	0	0.00	1.58	0
21150047+	21150046	9.18	0 1-	2 ACSR 6/1	0	0	829	289	0	0	0	0.00	1.58	0
21150019+	21150046	9.22	3 1-	2 ACSR 6/1	0	0	825	289	8	0	0	0.00	1.58	0
21150041+	21150038	9.07	6 1-	2 ACSR 6/1	0	0	838	290	35	2	1	0.00	3.06	0
21150050+	21150041	9.17	1 1-	2 ACSR 6/1	0	0	829	289	6	0	0	0.00	3.06	0
21140017+	21150050	9.23	1 1-	2 ACSR 6/1	0	0	823	288	6	0	0	0.00	3.06	0
21150028+	21150041	9.11	2 1-	2 ACSR 6/1	0	0	834	290	11	0	0	0.00	3.06	0
21150042+	21150041	9.12	3 1-	2 ACSR 6/1	0	0	834	290	19	1	1	0.00	3.06	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21150044+	21150042	9.17	1 1-	2 ACSR 6/1	0	0	828	289	6	0	0	0.00	3.06	0
21150043+	21150042	9.16	1 1-	2 ACSR 6/1	0	0	829	289	7	0	0	0.00	3.06	0
21150056+	21140014	8.88	1 1-	2 ACSR 6/1	0	0	855	292	2	0	0	0.00	1.58	0
21150011+	21150010	8.04	6 1-	2 ACSR 6/1	0	0	934	299	15	1	1	0.00	2.91	0
21150039+	21150011	8.07	4 1-	2 ACSR 6/1	0	0	930	298	15	1	1	0.00	2.91	0
20850691+	21150039	8.17	2 1-	2 ACSR 6/1	0	0	919	297	13	0	1	0.00	2.92	0
20850672+	21150039	8.12	2 1-	2 ACSR 6/1	0	0	924	298	2	0	0	0.00	2.91	0
20850671+	21150039	8.15	0 1-	2 ACSR 6/1	0	0	921	298	0	0	0	0.00	2.91	0
21160036+	21160046	7.58	5 1-	2 ACSR 6/1	0	0	979	302	12	0	0	0.00	2.81	0
21160037+	21160036	7.64	1 1-	2 ACSR 6/1	0	0	972	302	5	0	0	0.00	2.81	0
D21-16-P182+	21160037	7.64	0 1-	FUS	0	0	972	302	0	0	0	0.00	2.81	0
21060010+	D21-16-P182	8.04	0 1-	2 ACSR 6/1	0	0	921	297	0	0	0	0.00	2.81	0
20850673+	21060010	8.10	0 1-	2 ACSR 6/1	0	0	914	296	0	0	0	0.00	2.81	0
20850527+	21060010	8.29	0 1-	2 ACSR 6/1	0	0	892	294	0	0	0	0.00	2.81	0
20851155+	21160036	7.63	2 1-	2 ACSR 6/1	0	0	973	302	4	0	0	0.00	2.81	0
20851154+	21160036	7.63	1 1-	2 ACSR 6/1	0	0	973	302	1	0	0	0.00	2.81	0
20852096+	20852095	7.04	7 1-	2 ACSR 6/1	0	0	1047	307	25	1	1	0.00	1.66	0
20852106+	20852096	7.09	2 1-	2 ACSR 6/1	0	0	1040	307	11	0	0	0.00	1.66	0
20852105+	20852096	7.08	2 1-	2 ACSR 6/1	0	0	1040	307	7	0	0	0.00	1.66	0
21160042+	20852095	7.28	284 3-	1/0 ACSR 6/1	1313	1186	1019	305	1221	27	12	0.09	1.89	67
D21-16-P012+	21160042	7.28	18 1-	REC-35-E	0	0	1019	305	85	5	16	0.00	1.75	0
21160045+	D21-16-P012	7.43	18 1-	2 ACSR 6/1	0	0	998	304	85	5	3	0.01	1.76	0
20852309+	21160045	7.60	16 1-	2 ACSR 6/1	0	0	974	302	75	5	3	0.01	1.77	0
20852310+	20852309	7.75	15 1-	2 ACSR 6/1	0	0	955	300	69	4	3	0.01	1.78	0
20851152+	20852310	7.86	2 1-	2 ACSR 6/1	0	0	940	298	14	0	1	0.00	1.79	0
20850966+	20852310	7.81	13 1-	2 ACSR 6/1	0	0	947	299	56	3	2	0.00	1.79	0
20851310+	20850966	7.88	12 1-	2 ACSR 6/1	0	0	938	298	50	3	2	0.00	1.79	0
20851312+	20851310	7.99	2 1-	2 ACSR 6/1	0	0	924	297	9	0	0	0.00	1.79	0
20851153+	20851312	8.11	1 1-	2 ACSR 6/1	0	0	911	296	6	0	0	0.00	1.79	0
20852059+	20851153	8.16	1 1-	2 ACSR 6/1	0	0	905	295	6	0	0	0.00	1.79	0
21160035+	20851153	8.22	0 1-	2 ACSR 6/1	0	0	898	294	0	0	0	0.00	1.79	0
20851311+	20851310	7.94	8 1-	2 ACSR 6/1	0	0	931	298	35	2	1	0.00	1.79	0
20851150+	20851311	8.02	5 1-	2 ACSR 6/1	0	0	922	297	21	1	1	0.00	1.80	0
21150034+	20851150	8.06	2 1-	2 ACSR 6/1	0	0	916	296	9	0	0	0.00	1.80	0
21150035+	21150034	8.19	1 1-	2 ACSR 6/1	0	0	902	295	2	0	0	0.00	1.80	0
20851151+	20851150	8.12	1 1-	2 ACSR 6/1	0	0	909	295	6	0	0	0.00	1.80	0
20851149+	20851311	8.02	3 1-	2 ACSR 6/1	0	0	921	297	13	0	1	0.00	1.79	0
21160034+	21160045	7.52	2 1-	2 ACSR 6/1	0	0	984	302	10	0	0	0.00	1.76	0
20852137+	21160034	7.56	1 1-	2 ACSR 6/1	0	0	979	302	5	0	0	0.00	1.76	0
20852136+	21160034	7.57	1 1-	2 ACSR 6/1	0	0	979	302	5	0	0	0.00	1.76	0
21160044+	21160042	7.36	266 3-	1/0 ACSR 6/1	1302	1176	1009	305	1135	25	11	0.02	1.90	15
20851937+	21160044	7.40	265 3-	1/0 ACSR 6/1	1297	1170	1005	304	1129	25	11	0.01	1.91	7
20851931+	20851937	7.46	264 3-	1/0 ACSR 6/1	1288	1162	997	304	1123	25	11	0.02	1.93	12
20851932+	20851931	7.53	263 3-	1/0 ACSR 6/1	1278	1153	989	303	1123	25	11	0.02	1.94	13
20852129+	20851932	7.58	1 1-	2 ACSR 6/1	0	0	982	303	5	0	0	0.00	2.83	0
20852128+	20851932	7.77	260 3-	1/0 ACSR 6/1	1248	1124	963	301	1112	25	11	0.06	1.99	43
D21-16-P024+	20852128	7.77	260 3-	REC-70-E	1248	1124	963	301	1111	25	36	0.00	1.99	0
20852130+	D21-16-P024	7.89	260 3-	1/0 ACSR 6/1	1231	1109	950	300	1111	25	11	0.03	2.02	23
D21-16-P025+	20852130	7.89	19 1-	FUS-30	0	0	950	300	89	6	22	0.00	1.25	0
20852132+	D21-16-P025	8.08	19 1-	2 ACSR 6/1	0	0	927	298	89	6	3	0.02	1.27	1
20851585+	20852132	8.17	10 1-	2 ACSR 6/1	0	0	916	297	47	3	2	0.00	1.27	0
20851586+	20851585	8.23	8 1-	2 ACSR 6/1	0	0	909	296	38	2	1	0.00	1.28	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851588+	20851586	8.30	3 1-	2 ACSR 6/1	0	0	901	295	9	0	0	0.00	1.28	0
20851589+	20851588	8.34	2 1-	2 ACSR 6/1	0	0	896	295	9	0	0	0.00	1.28	0
20851587+	20851586	8.31	4 1-	2 ACSR 6/1	0	0	899	295	26	1	1	0.00	1.28	0
20851821+	20851587	8.36	3 1-	2 ACSR 6/1	0	0	895	295	19	1	1	0.00	1.28	0
20851822+	20851821	8.66	2 1-	2 ACSR 6/1	0	0	861	291	16	1	1	0.00	1.28	0
20851823+	20851822	8.77	1 1-	2 ACSR 6/1	0	0	850	290	6	0	0	0.00	1.28	0
20851590+	20851587	8.35	1 1-	2 ACSR 6/1	0	0	896	295	7	0	0	0.00	1.28	0
20852133+	20852132	8.15	8 1-	2 ACSR 6/1	0	0	919	297	36	2	1	0.00	1.27	0
20852134+	20852133	8.20	1 1-	2 ACSR 6/1	0	0	913	297	4	0	0	0.00	1.27	0
20852289+	20852133	8.22	3 1-	2 ACSR 6/1	0	0	911	296	10	0	0	0.00	1.27	0
20851646+	20852133	8.32	4 1-	2 ACSR 6/1	0	0	898	295	22	1	1	0.00	1.28	0
20851647+	20851646	8.40	1 1-	2 ACSR 6/1	0	0	890	294	8	0	0	0.00	1.28	0
20852135+	20852130	7.96	240 3-	1/0 ACSR 6/1	1222	1100	942	300	1020	23	10	0.02	2.03	11
20851156+	20852135	8.01	235 3-	1/0 ACSR 6/1	1217	1095	938	299	1014	22	10	0.01	2.04	6
20851159+	20851156	8.07	233 3-	1/0 ACSR 6/1	1209	1088	932	299	1006	22	10	0.01	2.05	10
D21-16-P042+	20851159	8.07	6 1-	FUS	0	0	932	299	31	2	49	0.00	2.94	0
20851678+	D21-16-P042	8.15	6 1-	2 ACSR 6/1	0	0	922	298	31	2	1	0.00	2.94	0
20851680+	20851678	8.21	5 1-	2 ACSR 6/1	0	0	914	297	27	1	1	0.00	2.94	0
20851681+	20851680	8.27	2 1-	2 ACSR 6/1	0	0	908	296	9	0	0	0.00	2.94	0
20851682+	20851681	8.29	1 1-	2 ACSR 6/1	0	0	905	296	7	0	0	0.00	2.94	0
20851648+	20851681	8.42	1 1-	2 ACSR 6/1	0	0	891	295	2	0	0	0.00	2.94	0
20851679+	20851678	8.19	1 1-	2 ACSR 6/1	0	0	918	297	4	0	0	0.00	2.94	0
21160048+	20851159	8.18	220 3-	1/0 ACSR 6/1	1197	1076	921	298	946	21	9	0.02	2.07	14
21260013+	21160048	8.22	214 3-	1/0 ACSR 6/1	1192	1072	917	297	924	20	9	0.01	2.08	5
21260020+	21260013	8.26	211 3-	1/0 ACSR 6/1	1187	1067	913	297	907	20	9	0.01	2.08	5
21260021+	21260020	8.30	3 1-	2 ACSR 6/1	0	0	908	297	13	0	0	0.00	1.30	0
21260014+	21260021	8.34	0 1-	2 ACSR 6/1	0	0	904	296	0	0	0	0.00	1.30	0
21260011+	21260020	8.28	206 3-	1/0 ACSR 6/1	1185	1065	911	297	890	20	9	0.01	2.09	3
21260022+	21260011	8.34	4 1-	2 ACSR 6/1	0	0	904	296	16	1	1	0.00	1.30	0
21260026+	21260011	8.34	200 3-	1/0 ACSR 6/1	1178	1058	905	296	865	19	9	0.01	2.10	7
21260027+	21260026	8.86	197 3-	1/0 ACSR 6/1	1121	1005	859	292	854	19	8	0.11	2.18	61
21260001+	21260027	8.92	197 3-	1/0 ACSR 6/1	1115	999	854	292	854	19	8	0.11	2.19	7
21260005+	21260001	8.99	196 3-	1/0 ACSR 6/1	1108	993	848	291	848	19	8	0.02	2.20	8
21260006+	21260005	9.02	194 3-	1/0 ACSR 6/1	1104	989	845	291	845	19	8	0.01	2.21	4
21260007+	21260006	9.13	193 3-	1/0 ACSR 6/1	1093	979	836	290	837	19	8	0.02	2.22	12
21260010+	21260007	9.18	190 3-	1/0 ACSR 6/1	1088	975	832	290	815	18	8	0.01	2.23	5
21260015+	21260010	9.27	189 3-	1/0 ACSR 6/1	1079	966	825	289	810	18	8	0.02	2.25	10
20851094+	21260015	9.31	2 1-	2 ACSR 6/1	0	0	820	288	7	0	0	0.00	3.17	0
21360022+	21260015	9.35	187 3-	1/0 ACSR 6/1	1071	959	818	288	802	18	8	0.02	2.26	9
20851095+	21360022	9.55	1 1-	2 ACSR 6/1	0	0	800	286	3	0	0	0.00	3.19	0
20851010+	20851095	9.88	0 1-	2 ACSR 6/1	0	0	771	283	0	0	0	0.00	3.19	0
20851197+	21360022	9.39	186 3-	1/0 ACSR 6/1	1067	955	815	288	800	18	8	0.01	2.27	4
20851198+	20851197	9.47	185 3-	1/0 ACSR 6/1	1060	948	809	287	794	18	8	0.02	2.28	8
20851201+	20851198	9.53	183 3-	1/0 ACSR 6/1	1055	944	805	287	785	17	8	0.01	2.29	5
20851203+	20851201	9.66	2 1-	2 ACSR 6/1	0	0	793	285	4	0	0	0.00	1.38	0
20851204+	20851203	9.70	1 1-	2 ACSR 6/1	0	0	789	285	4	0	0	0.00	1.38	0
20851202+	20851201	9.59	1 1-	2 ACSR 6/1	0	0	799	286	2	0	0	0.00	2.25	0
20851200+	20851201	9.62	3 1-	2 ACSR 6/1	0	0	796	286	7	0	0	0.00	3.22	0
20850890+	20851200	9.67	2 1-	2 ACSR 6/1	0	0	792	285	7	0	0	0.00	3.22	0
20850889+	20850890	9.93	1 1-	2 ACSR 6/1	0	0	769	282	6	0	0	0.00	3.22	0
20851199+	20851201	9.61	175 3-	1/0 ACSR 6/1	1047	936	798	286	751	17	7	0.02	2.30	8
20850689+	20851199	9.67	0 1-	2 ACSR 6/1	0	0	793	286	0	0	0	0.00	2.27	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850583+	20851199	9.63	174 3-	1/0 ACSR 6/1	1046	935	797	286	746	16	7	0.00	2.30	2
20850785+	20850583	9.75	172 3-	1/0 ACSR 6/1	1035	925	788	285	738	16	7	0.02	2.32	11
20850827+	20850785	9.85	166 3-	1/0 ACSR 6/1	1025	916	781	284	715	16	7	0.02	2.33	9
20850888+	20850827	9.92	164 3-	1/0 ACSR 6/1	1020	911	776	284	709	16	7	0.01	2.34	5
D21-36-P067+	20850888	9.92	164 3-	REC-35-E	1020	911	776	284	709	16	46	0.00	2.34	0
21360021+	D21-36-P067	9.94	164 3-	1/0 ACSR 6/1	1018	909	775	284	709	16	7	0.00	2.34	2
20850894+	21360021	10.07	1 1-	2 ACSR 6/1	0	0	763	282	7	0	0	0.00	2.33	0
20851043+	21360021	9.99	136 3-	1/0 ACSR 6/1	1013	905	771	283	592	13	6	0.01	2.35	4
20850973+	20851043	10.27	135 3-	1/0 ACSR 6/1	990	883	752	281	587	13	6	0.06	2.38	18
20851091+	20850973	10.32	4 1-	2 ACSR 6/1	0	0	748	281	14	0	1	0.00	3.33	0
20852081+	20851091	10.37	2 1-	2 ACSR 6/1	0	0	744	280	6	0	0	0.00	3.33	0
20851961+	20850973	10.37	130 3-	1/0 ACSR 6/1	982	876	746	280	568	12	6	0.02	2.39	6
20852121+	20851961	10.41	127 3-	1/0 ACSR 6/1	978	873	743	280	556	12	5	0.01	2.40	3
20852354+	20852121	10.46	117 3-	1/0 ACSR 6/1	974	869	740	280	509	11	5	0.01	2.40	3
20852324+	20852354	10.51	115 3-	1/0 ACSR 6/1	971	866	737	279	500	11	5	0.01	2.40	2
D21-46-P010+	20852324	10.51	20 1-	FUS	0	0	737	279	86	5	133	0.00	2.45	0
21460012+	D21-46-P010	10.52	20 1-	2 ACSR 6/1	0	0	736	279	86	5	3	0.00	2.45	0
20852344+	21460012	10.56	19 1-	2 ACSR 6/1	0	0	732	279	79	5	3	0.00	2.45	0
20852345+	20852344	10.60	16 1-	2 ACSR 6/1	0	0	730	278	74	5	3	0.00	2.46	0
20850974+	20852345	10.64	15 1-	2 ACSR 6/1	0	0	727	278	69	4	3	0.00	2.46	0
20851105+	20850974	10.73	15 1-	2 ACSR 6/1	0	0	720	277	69	4	3	0.01	2.46	0
20851508+	20851105	10.78	14 1-	2 ACSR 6/1	0	0	716	276	65	4	2	0.00	2.47	0
20851509+	20851508	10.81	13 1-	2 ACSR 6/1	0	0	714	276	54	3	2	0.00	2.47	0
21360028+	20851509	10.84	12 1-	2 ACSR 6/1	0	0	712	276	50	3	2	0.00	2.47	0
20851349+	21360028	10.86	11 1-	2 ACSR 6/1	0	0	711	276	44	3	2	0.00	2.47	0
20851350+	20851349	10.93	10 1-	2 ACSR 6/1	0	0	706	275	38	2	1	0.00	2.47	0
20851698+	20851350	10.99	2 1-	2 ACSR 6/1	0	0	701	274	8	0	0	0.00	2.48	0
21360029+	20851698	11.04	2 1-	2 ACSR 6/1	0	0	698	274	8	0	0	0.00	2.48	0
20851527+	20851350	10.98	4 1-	2 ACSR 6/1	0	0	702	274	15	1	1	0.00	2.48	0
20851344+	20851350	11.01	3 1-	2 ACSR 6/1	0	0	700	274	6	0	0	0.00	2.48	0
20851526+	20851344	11.08	1 1-	2 ACSR 6/1	0	0	695	273	6	0	0	0.00	2.48	0
20851348+	21360028	10.91	1 1-	2 ACSR 6/1	0	0	707	275	6	0	0	0.00	2.47	0
21360027+	20851508	10.84	1 1-	2 ACSR 6/1	0	0	712	276	11	0	0	0.00	2.47	0
20851347+	20851105	10.77	1 1-	2 ACSR 6/1	0	0	717	277	4	0	0	0.00	2.47	0
20852325+	20852324	10.56	93 3-	1/0 ACSR 6/1	966	862	733	279	411	9	4	0.01	2.41	2
20852347+	20852325	10.64	92 3-	1/0 ACSR 6/1	961	856	729	278	408	9	4	0.01	2.41	2
20852350+	20852347	10.69	85 3-	1/0 ACSR 6/1	956	852	725	278	376	8	4	0.01	2.42	2
20852351+	20852350	10.78	81 3-	1/0 ACSR 6/1	950	846	720	277	367	8	4	0.01	2.42	2
20852346+	20852351	10.81	78 3-	1/0 ACSR 6/1	948	844	718	277	354	8	4	0.00	2.43	0
20852343+	20852346	10.85	75 3-	1/0 ACSR 6/1	944	841	716	277	341	7	3	0.01	2.43	0
21460004+	20852343	10.96	72 3-	1/0 ACSR 6/1	936	834	709	276	332	7	3	0.01	2.44	2
21460003+	21460004	11.09	71 3-	1/0 ACSR 6/1	927	825	702	275	323	7	3	0.02	2.44	3
21470020+	21460003	11.14	65 3-	1/0 ACSR 6/1	923	822	699	275	293	6	3	0.01	2.45	0
21470021+	21470020	11.22	63 3-	1/0 ACSR 6/1	917	816	694	274	280	6	3	0.01	2.45	1
21470014+	21470021	11.27	61 3-	1/0 ACSR 6/1	914	814	692	274	238	5	2	0.01	2.45	0
21470015+	21470014	11.35	61 3-	1/0 ACSR 6/1	909	808	687	273	238	5	2	0.01	2.46	1
21470027+	21470015	11.43	50 3-	1/0 ACSR 6/1	903	803	683	273	196	4	2	0.01	2.46	1
D21-47-P082+	21470027	11.43	4 1-	FUS	0	0	683	273	17	1	26	0.00	1.42	0
21470029+	D21-47-P082	11.46	4 1-	2 ACSR 6/1	0	0	680	272	17	1	1	0.00	1.42	0
21470030+	21470029	11.59	3 1-	2 ACSR 6/1	0	0	672	271	14	0	1	0.00	1.42	0
21470063+	21470030	11.71	2 1-	2 ACSR 6/1	0	0	664	270	9	0	0	0.00	1.42	0
21370010+	21470063	11.76	1 1-	2 ACSR 6/1	0	0	662	269	6	0	0	0.00	1.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21470031+	21470027	11.51	44 1-	2 ACSR 6/1	0	0	678	272	174	11	7	0.01	2.59	2
21470033+	21470031	11.57	42 1-	2 ACSR 6/1	0	0	673	271	167	11	6	0.01	2.60	1
21470038+	21470033	11.63	41 1-	2 ACSR 6/1	0	0	670	271	162	11	6	0.01	2.61	1
21470040+	21470038	11.76	35 1-	2 ACSR 6/1	0	0	661	269	136	9	5	0.02	2.62	2
21470036+	21470040	11.80	32 1-	2 ACSR 6/1	0	0	659	269	127	8	5	0.00	2.63	0
D21-47-P022+	21470036	11.80	11 1-	REC-25-E	0	0	659	269	42	2	12	0.00	2.63	0
21470051+	D21-47-P022	11.85	11 1-	2 ACSR 6/1	0	0	656	268	42	2	2	0.00	2.63	0
21470052+	21470051	12.17	8 1-	2 ACSR 6/1	0	0	637	265	30	2	1	0.01	2.64	0
D21-47-P028+	21470052	12.17	1 1-	FUS	0	0	637	265	2	0	3	0.00	2.64	0
21470061+	D21-47-P028	12.31	1 1-	2 ACSR 6/1	0	0	629	264	2	0	0	0.00	2.64	0
21470044+	21470052	12.25	6 1-	2 ACSR 6/1	0	0	632	265	25	1	1	0.00	2.64	0
21470045+	21470044	12.28	5 1-	2 ACSR 6/1	0	0	631	264	18	1	1	0.00	2.64	0
21470043+	21470052	12.23	1 1-	2 ACSR 6/1	0	0	633	265	3	0	0	0.00	2.64	0
21470025+	21470036	11.85	20 1-	2 ACSR 6/1	0	0	656	268	79	5	3	0.00	2.63	0
21470041+	21470025	11.94	7 1-	2 ACSR 6/1	0	0	650	267	33	2	1	0.00	2.64	0
21470060+	21470041	12.20	5 1-	2 ACSR 6/1	0	0	635	265	14	0	1	0.00	2.64	0
21470059+	21470060	12.28	5 1-	2 ACSR 6/1	0	0	630	264	14	0	1	0.00	2.64	0
21470054+	21470059	12.42	3 1-	2 ACSR 6/1	0	0	622	263	6	0	0	0.00	2.64	0
21470042+	21470041	12.09	1 1-	2 ACSR 6/1	0	0	641	266	13	0	1	0.00	2.64	0
21470026+	21470025	11.99	13 1-	2 ACSR 6/1	0	0	647	267	46	3	2	0.01	2.64	0
21470047+	21470026	12.23	13 1-	2 ACSR 6/1	0	0	633	265	46	3	2	0.01	2.65	0
21470048+	21470047	12.28	12 1-	2 ACSR 6/1	0	0	630	264	45	3	2	0.00	2.65	0
21470049+	21470048	12.45	11 1-	2 ACSR 6/1	0	0	621	263	45	3	2	0.01	2.66	0
21470050+	21470049	12.51	10 1-	2 ACSR 6/1	0	0	618	262	36	2	1	0.00	2.66	0
21470053+	21470050	12.56	9 1-	2 ACSR 6/1	0	0	615	262	31	2	1	0.00	2.66	0
21570005+	21470053	12.60	5 1-	2 ACSR 6/1	0	0	612	261	13	0	1	0.00	2.67	0
21570006+	21570005	12.68	1 1-	2 ACSR 6/1	0	0	608	260	5	0	0	0.00	2.67	0
21570004+	21570005	12.70	4 1-	2 ACSR 6/1	0	0	608	260	9	0	0	0.00	2.67	0
21570001+	21470053	12.59	3 1-	2 ACSR 6/1	0	0	613	261	13	0	1	0.00	2.67	0
21570002+	21570001	12.65	1 1-	2 ACSR 6/1	0	0	610	261	0	0	0	0.00	2.67	0
21570003+	21570002	12.81	1 1-	2 ACSR 6/1	0	0	602	259	0	0	0	0.00	2.67	0
21560001+	21570003	13.03	0 1-	2 ACSR 6/1	0	0	591	257	0	0	0	0.00	2.67	0
21470046+	21470050	12.59	1 1-	2 ACSR 6/1	0	0	613	261	5	0	0	0.00	2.66	0
21470039+	21470038	11.68	2 1-	2 ACSR 6/1	0	0	666	270	13	0	0	0.00	2.61	0
21470034+	21470039	11.73	1 1-	2 ACSR 6/1	0	0	663	270	8	0	0	0.00	2.61	0
21470035+	21470034	11.78	1 1-	2 ACSR 6/1	0	0	660	269	8	0	0	0.00	2.61	0
21470064+	21470038	11.70	1 1-	2 ACSR 6/1	0	0	665	270	2	0	0	0.00	2.61	0
21470037+	21470038	11.69	1 1-	2 ACSR 6/1	0	0	666	270	5	0	0	0.00	2.61	0
21470032+	21470031	11.55	1 1-	2 ACSR 6/1	0	0	675	271	4	0	0	0.00	2.59	0
21470028+	21470027	11.46	2 1-	2 ACSR 6/1	0	0	680	272	6	0	0	0.00	3.39	0
21470019+	21470015	11.41	11 1-	2 ACSR 6/1	0	0	683	272	42	2	2	0.00	1.42	0
20851891+	21470019	11.52	10 1-	2 ACSR 6/1	0	0	676	271	38	2	1	0.00	1.43	0
20851873+	20851891	11.57	1 1-	2 ACSR 6/1	0	0	672	271	1	0	0	0.00	1.43	0
20850086+	20851891	11.60	7 1-	2 ACSR 6/1	0	0	670	271	30	2	1	0.00	1.43	0
20850087+	20850086	11.72	6 1-	2 ACSR 6/1	0	0	663	269	25	1	1	0.00	1.43	0
20851875+	20850087	11.82	0 1-	2 ACSR 6/1	0	0	657	268	0	0	0	0.00	1.43	0
20851874+	20850087	11.75	1 1-	2 ACSR 6/1	0	0	661	269	4	0	0	0.00	1.43	0
20851892+	20850087	11.80	5 1-	2 ACSR 6/1	0	0	658	269	21	1	1	0.00	1.43	0
20851896+	20851892	11.99	1 1-	2 ACSR 6/1	0	0	647	267	7	0	0	0.00	1.44	0
20851893+	20851892	11.88	1 1-	2 ACSR 6/1	0	0	653	268	6	0	0	0.00	1.43	0
21470016+	21470015	11.41	0 1-	2 ACSR 6/1	0	0	683	272	0	0	0	0.00	3.39	0
20851888+	21470014	11.35	0 1-	2 ACSR 6/1	0	0	686	273	0	0	0	0.00	2.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21470013+	21470021	11.28	1 1-	2 ACSR 6/1	0	0	690	273	41	2	2	0.00	3.39	0
21470023+	21470013	11.32	1 1-	2 ACSR 6/1	0	0	688	273	41	2	2	0.00	3.39	0
21470024+	21470023	11.35	1 1-	2 ACSR 6/1	0	0	686	273	41	2	2	0.00	3.39	0
21470018+	21470024	11.39	0 1-	2 ACSR 6/1	0	0	683	272	0	0	0	0.00	3.39	0
21470022+	21470013	11.31	0 1-	2 ACSR 6/1	0	0	688	273	0	0	0	0.00	3.39	0
21470012+	21460003	11.15	2 1-	2 ACSR 6/1	0	0	698	274	8	0	0	0.00	2.53	0
21470062+	21470012	11.24	0 1-	2 ACSR 6/1	0	0	691	273	0	0	0	0.00	2.53	0
21370009+	21470062	11.31	0 1-	2 ACSR 6/1	0	0	687	273	0	0	0	0.00	2.53	0
21470011+	21460003	11.13	1 1-	2 ACSR 6/1	0	0	699	275	8	0	0	0.00	3.38	0
21470017+	21460003	11.17	2 1-	2 ACSR 6/1	0	0	696	274	5	0	0	0.00	2.53	0
20852342+	20852346	10.85	2 1-	2 ACSR 6/1	0	0	715	277	12	0	0	0.00	2.49	0
20852349+	20852347	10.70	1 1-	2 ACSR 6/1	0	0	724	278	7	0	0	0.00	2.47	0
20852348+	20852347	10.71	4 1-	2 ACSR 6/1	0	0	724	278	16	1	1	0.00	3.36	0
20852122+	20852121	10.48	10 1-	2 ACSR 6/1	0	0	737	279	47	3	2	0.00	3.35	0
20852123+	20852122	10.54	9 1-	2 ACSR 6/1	0	0	733	279	41	2	2	0.00	3.35	0
20852353+	20852123	10.61	2 1-	2 ACSR 6/1	0	0	728	278	5	0	0	0.00	3.35	0
20852337+	20852353	10.65	1 1-	2 ACSR 6/1	0	0	725	278	4	0	0	0.00	3.35	0
20852352+	20852123	10.64	5 1-	2 ACSR 6/1	0	0	726	278	24	1	1	0.00	3.35	0
21460009+	20852352	10.68	3 1-	2 ACSR 6/1	0	0	723	277	18	1	1	0.00	3.35	0
21460011+	21460009	10.73	1 1-	2 ACSR 6/1	0	0	719	277	7	0	0	0.00	3.35	0
21460010+	21460009	10.74	2 1-	2 ACSR 6/1	0	0	718	277	11	0	0	0.00	3.35	0
21460013+	21460010	10.92	1 1-	2 ACSR 6/1	0	0	705	275	7	0	0	0.00	3.36	0
20852117+	20852123	10.61	1 1-	2 ACSR 6/1	0	0	728	278	5	0	0	0.00	3.35	0
21360024+	21360021	9.97	27 1-	2 ACSR 6/1	0	0	772	283	110	7	4	0.00	3.30	0
D21-36-P065+	21360024	9.97	26 1-	REC-25-E	0	0	772	283	109	7	30	0.00	3.30	0
21360023+	D21-36-P065	9.99	26 1-	2 ACSR 6/1	0	0	770	283	109	7	4	0.00	3.30	0
20850896+	21360023	10.02	25 1-	2 ACSR 6/1	0	0	768	283	107	7	4	0.00	3.31	0
20850897+	20850896	10.06	24 1-	2 ACSR 6/1	0	0	764	282	102	7	4	0.00	3.31	0
20851088+	20850897	10.12	14 1-	2 ACSR 6/1	0	0	760	282	58	4	2	0.00	3.31	0
20851528+	20851088	10.22	13 1-	2 ACSR 6/1	0	0	752	281	51	3	2	0.00	3.32	0
20851529+	20851528	10.27	12 1-	2 ACSR 6/1	0	0	748	280	46	3	2	0.00	3.32	0
21350016+	20851529	10.32	11 1-	2 ACSR 6/1	0	0	744	280	40	2	2	0.00	3.32	0
21350019+	21350016	10.37	4 1-	2 ACSR 6/1	0	0	740	279	11	0	0	0.00	3.32	0
21350020+	21350019	10.40	2 1-	2 ACSR 6/1	0	0	737	279	8	0	0	0.00	3.32	0
21350023+	21350020	10.56	1 1-	2 ACSR 6/1	0	0	725	277	2	0	0	0.00	3.32	0
21350021+	21350019	10.42	2 1-	2 ACSR 6/1	0	0	735	279	4	0	0	0.00	3.32	0
21350022+	21350021	10.45	1 1-	2 ACSR 6/1	0	0	733	278	3	0	0	0.00	3.32	0
21350017+	21350016	10.38	7 1-	2 ACSR 6/1	0	0	739	279	29	1	1	0.00	3.33	0
21350026+	21350017	10.45	6 1-	2 ACSR 6/1	0	0	733	278	21	1	1	0.00	3.33	0
21350027+	21350026	10.50	2 1-	2 ACSR 6/1	0	0	729	278	5	0	0	0.00	3.33	0
21350028+	21350027	10.56	1 1-	2 ACSR 6/1	0	0	725	277	4	0	0	0.00	3.33	0
21350024+	21350026	10.60	4 1-	2 ACSR 6/1	0	0	722	277	16	1	1	0.00	3.33	0
21350025+	21350024	10.68	3 1-	2 ACSR 6/1	0	0	716	276	13	0	1	0.00	3.33	0
20850085+	21350025	10.77	1 1-	2 ACSR 6/1	0	0	709	275	4	0	0	0.00	3.33	0
20852079+	21350025	10.70	2 1-	2 ACSR 6/1	0	0	715	276	9	0	0	0.00	3.33	0
20852001+	20852079	10.88	2 1-	2 ACSR 6/1	0	0	702	274	9	0	0	0.00	3.33	0
20852002+	20852001	11.06	1 1-	2 ACSR 6/1	0	0	689	272	6	0	0	0.00	3.33	0
20852080+	20852002	11.16	1 1-	2 ACSR 6/1	0	0	682	271	6	0	0	0.00	3.33	0
20850900+	20850897	10.13	9 1-	2 ACSR 6/1	0	0	758	282	38	2	1	0.00	3.31	0
20850901+	20850900	10.22	8 1-	2 ACSR 6/1	0	0	751	281	35	2	1	0.00	3.32	0
20850899+	20850901	10.31	7 1-	2 ACSR 6/1	0	0	745	280	27	1	1	0.00	3.32	0
20851086+	20850899	10.40	5 1-	2 ACSR 6/1	0	0	737	279	22	1	1	0.00	3.32	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851087+	20851086	10.52	1 1-	2 ACSR 6/1	0	0	728	278	5	0	0	0.00	3.32	0
20851057+	20851086	10.58	3 1-	2 ACSR 6/1	0	0	723	277	14	0	1	0.00	3.32	0
21350029+	20851057	10.61	2 1-	2 ACSR 6/1	0	0	721	277	11	0	0	0.00	3.32	0
21350030+	21350029	10.68	1 1-	2 ACSR 6/1	0	0	716	276	7	0	0	0.00	3.32	0
21350031+	21350030	10.79	1 1-	2 ACSR 6/1	0	0	708	275	7	0	0	0.00	3.33	0
20850874+	20850899	10.37	1 1-	2 ACSR 6/1	0	0	740	279	3	0	0	0.00	3.32	0
20850898+	20850901	10.29	1 1-	2 ACSR 6/1	0	0	746	280	8	0	0	0.00	3.32	0
20850895+	21360023	10.03	1 1-	2 ACSR 6/1	0	0	767	283	1	0	0	0.00	3.30	0
20851089+	21360024	10.03	1 1-	2 ACSR 6/1	0	0	767	283	1	0	0	0.00	3.30	0
20851090+	20851089	10.11	0 1-	2 ACSR 6/1	0	0	763	282	0	0	0	0.00	3.30	0
20850787+	20850785	9.81	2 1-	2 ACSR 6/1	0	0	781	284	10	0	0	0.00	2.30	0
20850786+	20850785	9.80	1 1-	2 ACSR 6/1	0	0	784	285	5	0	0	0.00	3.26	0
20851410+	20850785	9.76	1 1-	2 ACSR 6/1	0	0	787	285	3	0	0	0.00	2.30	0
21260009+	21260007	9.19	1 1-	2 ACSR 6/1	0	0	830	289	7	0	0	0.00	2.17	0
20851093+	21260009	9.25	1 1-	2 ACSR 6/1	0	0	824	289	7	0	0	0.00	2.17	0
21260008+	21260007	9.15	1 1-	2 ACSR 6/1	0	0	834	290	10	0	0	0.00	3.15	0
21260004+	21260001	8.93	1 1-	2 ACSR 6/1	0	0	852	292	5	0	0	0.00	1.35	0
21260003+	21260027	8.87	0 1-	2 ACSR 6/1	0	0	857	292	0	0	0	0.00	1.34	0
21-26-P035-A+	21260003	8.87	0 1-	Open	0	0	857	292	0	0	0	0.00	1.34	0
21260019+	21260013	8.27	1 1-	2 ACSR 6/1	0	0	910	297	7	0	0	0.00	1.30	0
21260012+	21160048	8.21	5 1-	2 ACSR 6/1	0	0	918	297	17	1	1	0.00	1.29	0
21260018+	21260012	8.23	3 1-	2 ACSR 6/1	0	0	915	297	10	0	0	0.00	1.29	0
21260016+	21260018	8.27	1 1-	2 ACSR 6/1	0	0	911	297	3	0	0	0.00	1.29	0
21260017+	21260016	8.29	0 1-	2 ACSR 6/1	0	0	908	297	0	0	0	0.00	1.29	0
21160055+	20851159	8.13	1 1-	1/0 ACSR 6/1	0	0	926	298	3	0	0	0.00	1.94	0
20851158+	20851159	8.13	4 1-	2 ACSR 6/1	0	0	924	298	19	1	1	0.00	2.94	0
20851291+	20851158	8.16	3 1-	2 ACSR 6/1	0	0	921	298	12	0	0	0.00	2.94	0
21160057+	20851291	8.25	1 1-	2 ACSR 6/1	0	0	910	297	7	0	0	0.00	2.94	0
20851157+	20851156	8.04	1 1-	2 ACSR 6/1	0	0	934	299	7	0	0	0.00	1.92	0
20851936+	21160044	7.42	1 1-	2 ACSR 6/1	0	0	1001	304	7	0	0	0.00	1.14	0
20850634+	20850529	6.36	1 1-	2 ACSR 6/1	0	0	1139	313	5	0	0	0.00	2.50	0
21070036+	21070012	5.81	2 1-	2 ACSR 6/1	0	0	1230	318	4	0	0	0.00	0.88	0
21070033+	21070011	5.39	2 1-	2 ACSR 6/1	0	0	1307	322	3	0	0	0.00	1.23	0
21070015+	21080005	4.93	3 1-	2 ACSR 6/1	0	0	1421	328	8	0	0	0.00	1.00	0
21070013+	21070015	5.00	2 1-	2 ACSR 6/1	0	0	1404	327	2	0	0	0.00	1.00	0
21080011+	21070013	5.06	1 1-	2 ACSR 6/1	0	0	1389	327	0	0	0	0.00	1.00	0
21080021+	21080026	4.70	1 1-	2 ACSR 6/1	0	0	1484	331	5	0	0	0.00	0.90	0
15980013+	20851619	4.27	0 1-	2 ACSR 6/1	0	0	1599	335	0	0	0	0.00	1.67	0
20851325+	20851524	4.04	0 1-	2 ACSR 6/1	0	0	1668	338	0	0	0	0.00	1.57	0
20852341+	20852340	2.90	1 1-	2 ACSR 6/1	0	0	2047	346	0	0	0	0.00	0.41	0
20852336+	20852335	2.71	0 1-	2 ACSR 6/1	0	0	2124	347	0	0	0	0.00	0.99	0
20852338+	20852336	2.80	0 1-	2 ACSR 6/1	0	0	2072	346	0	0	0	0.00	0.99	0
22120038+	22120019	0.84	1 1-	2 ACSR 6/1	0	0	3415	360	3	0	0	0.00	0.28	0
22230071+	22230037	0.28	1 1-	2 ACSR 6/1	0	0	4141	363	6	0	0	0.00	0.03	0
CKT	3 total losses:	\$6,040												
SUB	85, CKT 4													
BK8504+	CARPENTER(85)	0.00	17 3-	BK8504	4080	4191	4655	365	1587	37	19	0.00	0.00	0
22230024+	BK8504	0.10	17 3-	336 ACSR 18/1	4003	4087	4498	365	1587	37	7	0.02	0.02	13
D22-23-P013+	22230024	0.10	5 1-	FUS	0	0	4498	365	40	2	64	0.00	0.02	0
22230025+	D22-23-P013	0.18	5 1-	2 ACSR 6/1	0	0	4321	364	40	2	2	0.00	0.02	0
22230045+	22230025	0.23	1 1-	2 ACSR 6/1	0	0	4214	363	31	2	1	0.00	0.02	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 87 BACONCREEK(87)		135			5175	5219	5338	196	3111					
SUB 87, CKT 1														
BK87-01	BACONCREEK(87)	0.00	29 3-		BK8701	5175	5219	5338	196	750	33 17	0.00	0.00	0
9640213	BK87-01	0.04	29 3-	4/0	ACSR 6/1	5067	5099	5157	196	750	33 10	0.01	0.02	7
9640167	9640213	0.05	0 3-	4/0	ACSR 6/1	5054	5084	5136	196	0	0 0	0.00	0.02	0
09-64-P093-A	9640167	0.05	0 3-		Open	5054	5084	5136	196	0	0 0	0.00	0.02	0
9640164	9640213	0.06	29 3-	4/0	ACSR 6/1	5016	5042	5074	196	750	33 10	0.01	0.02	3
9640170	9640164	0.22	28 3-	4/0	ACSR 6/1	4637	4615	4480	195	747	33 10	0.06	0.08	27
9640171	9640170	0.26	24 3-	4/0	ACSR 6/1	4546	4512	4345	195	739	33 10	0.02	0.10	7
9640052	9640171	0.31	23 3-	4/0	ACSR 6/1	4427	4379	4173	195	711	32 9	0.02	0.12	9
9640201	9640052	0.36	23 3-	4/0	ACSR 6/1	4340	4282	4051	195	711	32 9	0.02	0.13	7
9640165	9640201	0.38	0 1-	2	ACSR 6/1	0	0	3960	195	0	0 0	0.00	0.09	0
9640053	9640201	0.41	23 3-	4/0	ACSR 6/1	4242	4171	3914	195	711	32 9	0.02	0.15	8
D09-64-P192	9640053	0.41	1 1-		FUS	0	0	3914	195	1	0 3	0.00	0.10	0
9640166	D09-64-P192	0.47	1 1-	2	ACSR 6/1	0	0	3718	194	1	0 0	0.00	0.10	0
9640133	9640166	0.54	1 1-	2	ACSR 6/1	0	0	3522	194	1	0 0	0.00	0.10	0
9640189	9640053	0.45	22 3-	4/0	ACSR 6/1	4165	4086	3810	194	709	32 9	0.01	0.17	6
9640200	9640189	0.49	1 3-	4/0	ACSR 6/1	4093	4007	3714	194	56	2 1	0.00	0.17	0
9640202	9640189	0.53	21 3-	336	ACSR 18/1	4040	3945	3642	194	654	29 6	0.02	0.19	7
9640218	9640202	0.57	1 3-	15 KV 2 URD	XLP	4001	3911	3596	504	75	3 2	0.00	0.19	0
9640217	9640202	0.63	19 3-	336	ACSR 18/1	3902	3791	3462	194	579	26 5	0.02	0.21	7
9630211	9640217	0.68	19 3-	4/0	ACSR 6/1	3826	3709	3368	194	579	26 8	0.01	0.22	5
9630212	9630211	0.70	11 3-	4/0	ACSR 6/1	3787	3667	3319	194	329	14 4	0.00	0.22	0
9630142	9630212	0.71	1 3-	4/0	ACSR 6/1	3777	3656	3306	194	43	1 1	0.00	0.22	0
9630141	9630212	0.75	1 3-	4/0	ACSR 6/1	3718	3593	3235	194	47	2 1	0.00	0.22	0
9630213	9630212	0.73	9 3-	4/0	ACSR 6/1	3744	3621	3267	194	239	10 3	0.00	0.23	0
D09-63-P118	9630213	0.73	9 3-		RBC-50-H	3744	3621	3267	194	239	10 22	0.00	0.23	0
9630223	D09-63-P118	0.79	9 3-	4/0	ACSR 6/1	3658	3529	3162	194	239	10 3	0.01	0.23	0
9630122	9630223	0.87	2 3-	2	ACSR 6/1	3512	3366	2997	193	70	3 2	0.01	0.24	0
9630225	9630122	0.88	1 3-	2	ACSR 6/1	3480	3330	2961	193	65	2 2	0.00	0.24	0
9630224	9630223	0.86	4 3-	4/0	ACSR 6/1	3560	3424	3046	193	164	7 2	0.01	0.24	0
9630139	9630224	0.90	3 3-	4/0	ACSR 6/1	3505	3365	2982	193	123	5 2	0.00	0.24	0
9630140	9630139	0.95	2 3-	4/0	ACSR 6/1	3442	3299	2909	193	118	5 2	0.00	0.24	0
9630018	9630140	0.97	2 3-	4/0	ACSR 6/1	3409	3265	2872	193	118	5 2	0.00	0.25	0
9640190	9630018	1.01	1 3-	4/0	ACSR 6/1	3359	3212	2816	193	4	0 0	0.00	0.25	0
9630167	9630224	0.88	1 3-	4/0	ACSR 6/1	3534	3396	3016	193	41	1 1	0.00	0.24	0
9630002	9630167	0.89	0 3-	4/0	ACSR 6/1	3516	3378	2995	193	0	0 0	0.00	0.24	0
9630218	9630211	0.74	8 3-	4/0	ACSR 6/1	3738	3614	3259	194	250	11 3	0.01	0.23	1
9630145	9630218	0.76	1 3-	4/0	ACSR 6/1	3701	3575	3214	194	53	2 1	0.00	0.23	0
9630143	9630218	0.74	3 3-	4/0	ACSR 6/1	3727	3603	3246	194	191	8 3	0.00	0.23	0
9630144	9630143	0.75	3 3-	4/0	ACSR 6/1	3714	3589	3230	194	191	8 3	0.00	0.23	0
9630217	9630218	0.78	4 3-	4/0	ACSR 6/1	3676	3548	3184	194	6	0 0	0.00	0.23	0
9630216	9630217	0.81	4 3-	4/0	ACSR 6/1	3634	3503	3134	193	6	0 0	0.00	0.23	0
9630221	9630216	1.01	4 3-	4/0	ACSR 6/1	3363	3216	2820	193	6	0 0	0.00	0.23	0
9630160	9630221	1.13	4 1-	2	ACSR 6/1	0	0	2615	192	6	0 0	0.00	0.23	0
9630158	9630160	1.20	3 1-	2	ACSR 6/1	0	0	2498	191	4	0 0	0.00	0.23	0
9630138	9630221	1.24	0 3-	4/0	ACSR 6/1	3101	2943	2533	192	0	0 0	0.00	0.23	0
9630123	9630138	1.31	0 3-	4/0	ACSR 6/1	3024	2864	2452	192	0	0 0	0.00	0.23	0
NEW LP1	9640202	0.53	1 3-		Consumer	4040	3945	3642	194	0	0 0	0.00	0.19	0
9640185	9640171	0.38	1 3-	1/0	ACSR 6/1	4242	4171	3936	194	28	1 1	0.00	0.10	0
9640186	9640185	0.50	1 3-	15 KV 2 URD	XLP	4087	4034	3746	500	28	1 1	0.00	0.10	0
9640054	9640170	0.27	4 1-	2	ACSR 6/1	0	0	4279	195	8	0 1	0.00	0.05	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9640169	9640164	0.14	1 3-	4/0 ACSR 6/1	4808	4808	4741	195	3	0	0	0.00	0.02	0
CKT 1	total losses: \$94													
SUB 87, CKT 2														
BK87-02	BACONCREEK(87)	0.00	5 3-	BK8702	5175	5219	5338	196	1397	63	32	0.00	0.00	0
9640214	BK87-02	0.05	5 3-	4/0 ACSR 6/1	5038	5067	5110	196	1397	63	19	0.04	0.04	30
9640168	9640214	0.06	0 3-	4/0 ACSR 6/1	5022	5049	5084	196	0	0	0	0.00	0.04	0
09-64-P093-B	9640168	0.06	0 3-	Open	5022	5049	5084	196	0	0	0	0.00	0.04	0
9640150	9640214	0.08	5 3-	4/0 ACSR 6/1	4972	4993	5002	196	1397	63	19	0.02	0.05	15
9640155	9640150	0.13	2 3-	4/0 ACSR 6/1	4849	4854	4805	196	1394	63	19	0.04	0.09	29
9640152	9640155	0.21	2 3-	4/0 ACSR 6/1	4649	4629	4498	195	1393	63	19	0.06	0.15	49
9640064	9640152	0.45	2 3-	4/0 ACSR 6/1	4156	4077	3798	194	1393	63	19	0.17	0.32	139
9640145	9640064	0.47	2 3-	4/0 ACSR 6/1	4116	4032	3744	194	1392	63	19	0.02	0.34	13
9640146	9640145	0.48	2 3-	4/0 ACSR 6/1	4098	4013	3721	194	1391	63	19	0.01	0.35	5
9640151	9640146	0.49	2 3-	4/0 ACSR 6/1	4090	4003	3710	194	1391	63	19	0.00	0.35	3
09-64-P123-B	9640151	0.49	2 3-	Closed	4090	4003	3710	194	1391	63	0	0.00	0.35	0
09-64-P123-A	09-64-P123-B	0.49	2 3-	Closed	4090	4003	3710	194	1391	63	0	0.00	0.35	0
9640196	09-64-P123-A	0.49	2 3-	4/0 ACSR 6/1	4082	3994	3699	194	1391	63	19	0.00	0.35	3
9640206	9640196	0.52	2 3-	4/0 ACSR 6/1	4031	3938	3632	194	1391	63	19	0.02	0.37	17
9640830	9640206	0.52	2 3-	Consumer	4031	3938	3632	194	1391	63	0	0.00	0.37	0
9640205	9640206	0.53	0 3-	4/0 ACSR 6/1	4022	3929	3622	194	0	0	0	0.00	0.37	0
09-64-P139-B	9640205	0.53	0 3-	Closed	4022	3929	3622	194	0	0	0	0.00	0.37	0
09-64-P139-A	09-64-P139-B	0.53	0 3-	Closed	4022	3929	3622	194	0	0	0	0.00	0.37	0
9640148	09-64-P139-A	0.53	0 3-	4/0 ACSR 6/1	4013	3919	3610	194	0	0	0	0.00	0.37	0
9640147	9640148	0.57	0 3-	4/0 ACSR 6/1	3941	3840	3517	194	0	0	0	0.00	0.37	0
9640142	9640148	0.84	0 3-	4/0 ACSR 6/1	3532	3398	3017	193	0	0	0	0.00	0.37	0
9540031	9640142	0.95	0 3- 15	KV 2 URD XLP	3419	3287	2899	491	0	0	0	0.00	0.37	0
9540030	9640142	0.86	0 3-	4/0 ACSR 6/1	3508	3372	2988	193	0	0	0	0.00	0.37	0
9640194	9640196	0.50	0 3-	4/0 ACSR 6/1	4073	3985	3688	194	0	0	0	0.00	0.35	0
09-64-P124-B	9640194	0.50	0 3-	Open	4073	3985	3688	194	0	0	0	0.00	0.35	0
CKT 2	total losses: \$303													
SUB 87, CKT 3														
BK87-03	BACONCREEK(87)	0.00	101 3-	BK8703	5175	5219	5338	196	964	40	20	0.00	0.00	0
9640215	BK87-03	0.04	101 3-	4/0 ACSR 6/1	5071	5104	5164	196	964	40	12	0.01	0.01	9
C09-64-P221	9640215	0.04	0 3-	Capacitor	5071	5104	5164	196	0	-13	0	0.00	0.01	0
9640154	9640215	0.09	101 3-	4/0 ACSR 6/1	4935	4951	4942	196	964	42	12	0.02	0.03	13
9640153	9640154	0.25	86 3-	4/0 ACSR 6/1	4573	4543	4385	195	491	21	6	0.03	0.06	10
9640055	9640153	0.30	83 3-	4/0 ACSR 6/1	4457	4413	4216	195	454	19	6	0.01	0.07	3
9640163	9640055	0.32	0 1-	2 ACSR 6/1	0	0	4127	195	0	0	0	0.00	0.08	0
9640056	9640055	0.34	83 3-	4/0 ACSR 6/1	4369	4314	4091	195	454	19	6	0.01	0.08	2
9640143	9640056	0.35	3 3-	4/0 ACSR 6/1	4353	4296	4069	195	16	0	0	0.00	0.08	0
9640144	9640143	0.37	3 3-	4/0 ACSR 6/1	4307	4244	4004	195	16	0	0	0.00	0.08	0
9640067	9640056	0.38	25 3-	2 ACSR 6/1	4278	4209	3967	195	131	5	3	0.01	0.09	0
9640069	9640067	0.42	25 3-	2 ACSR 6/1	4181	4098	3839	194	131	5	3	0.01	0.09	0
9640172	9640069	0.45	13 3-	2 ACSR 6/1	4097	4002	3731	194	94	4	2	0.00	0.10	0
9640173	9640172	0.46	13 3-	2 ACSR 6/1	4077	3979	3705	194	94	4	2	0.00	0.10	0
9640175	9640173	0.55	12 3-	2 ACSR 6/1	3866	3741	3446	193	82	3	2	0.00	0.11	0
D09-64-P037	9640175	0.55	5 1-	FUS-40	0	0	3446	193	26	3	9	0.00	0.11	0
9640176	D09-64-P037	0.65	5 1-	2 ACSR 6/1	0	0	3184	192	26	3	2	0.01	0.12	0
9640075	9640176	0.73	3 1-	2 ACSR 6/1	0	0	2999	192	16	1	1	0.00	0.12	0
9640187	9640075	0.79	0 1-	2 ACSR 6/1	0	0	2870	191	0	0	0	0.00	0.12	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9640177	9640175	0.58	7 3-	2 ACSR 6/1	3792	3659	3359	193	56	2	1	0.00	0.11	0
D09-64-P140	9640177	0.58	5 3-	FUS	3792	3659	3359	193	27	1	27	0.00	0.11	0
9640179	D09-64-P140	0.64	5 3-	2 ACSR 6/1	3656	3508	3203	192	27	1	1	0.00	0.11	0
9640180	9640179	0.73	3 3-	2 ACSR 6/1	3474	3309	3001	192	23	1	1	0.00	0.11	0
9640181	9640180	0.83	1 3-	2 ACSR 6/1	3268	3089	2783	191	22	1	1	0.00	0.11	0
9640178	9640177	0.62	1 3-	2 ACSR 6/1	3711	3569	3266	193	28	1	1	0.00	0.11	0
9640174	9640173	0.55	1 3-	2 ACSR 6/1	3855	3729	3433	193	12	0	0	0.00	0.10	0
9640197	9640173	0.47	0 3-	2 ACSR 6/1	4041	3939	3660	194	0	0	0	0.00	0.10	0
9640070	9640069	0.44	9 3-	4/0 ACSR 6/1	4140	4053	3784	194	26	1	0	0.00	0.09	0
9640071	9640070	0.47	4 3-	4/0 ACSR 6/1	4091	3998	3719	194	13	0	0	0.00	0.09	0
9640072	9640056	0.38	55 3-	4/0 ACSR 6/1	4292	4227	3983	195	307	13	4	0.00	0.09	0
9640073	9640072	0.42	54 3-	4/0 ACSR 6/1	4216	4143	3879	195	304	12	4	0.00	0.09	0
9640077	9640073	0.45	4 3-	4/0 ACSR 6/1	4167	4089	3813	194	42	1	1	0.00	0.09	0
9640074	9640073	0.46	49 3-	4/0 ACSR 6/1	4136	4054	3771	194	255	10	3	0.00	0.10	0
D09-64-P122	9640074	0.46	49 3-	REC-100-L	4136	4054	3771	194	255	10	11	0.00	0.10	0
9640076	D09-64-P122	0.47	49 3-	4/0 ACSR 6/1	4121	4038	3751	194	255	10	3	0.00	0.10	0
9640050	9640076	0.50	48 3-	4/0 ACSR 6/1	4065	3976	3678	194	254	10	3	0.00	0.10	0
9640049	9640050	0.58	47 3-	4/0 ACSR 6/1	3930	3828	3503	194	252	10	3	0.01	0.11	1
9540055	9640049	0.61	46 3-	4/0 ACSR 6/1	3875	3768	3433	194	233	9	3	0.00	0.11	0
9540056	9540055	0.67	46 3-	1/0 ACSR 6/1	3774	3656	3314	194	233	9	4	0.01	0.12	2
9540057	9540056	0.69	45 3-	1/0 ACSR 6/1	3732	3611	3265	193	222	9	4	0.00	0.12	0
9540052	9540057	0.71	39 3-	1/0 ACSR 6/1	3693	3568	3221	193	210	9	4	0.00	0.13	0
9540026	9540052	0.76	1 3- 15	KV 2 URD XLP	3636	3513	3158	497	83	3	2	0.00	0.13	0
9540034	9540026	0.81	0 3- 15	KV 2 URD XLP	3582	3462	3100	494	0	0	0	0.00	0.13	0
9540027	9540052	0.72	38 3-	1/0 ACSR 6/1	3675	3548	3199	193	128	5	2	0.00	0.13	0
9540054	9540027	0.76	2 1-	2 ACSR 6/1	0	0	3116	193	2	0	0	0.00	0.13	0
9540039	9540027	0.76	36 3-	1/0 ACSR 6/1	3605	3473	3121	193	126	5	2	0.00	0.13	0
9540040	9540039	0.81	34 3-	1/0 ACSR 6/1	3526	3387	3032	193	121	5	2	0.00	0.13	0
9540063	9540040	0.83	5 1-	2 ACSR 6/1	0	0	2981	193	31	3	2	0.00	0.13	0
D09-54-P023	9540063	0.83	5 1-	FUS-30	0	0	2981	193	31	3	14	0.00	0.13	0
9540062	D09-54-P023	0.89	5 1-	2 ACSR 6/1	0	0	2867	192	31	3	2	0.01	0.14	0
9540046	9540062	1.05	4 1-	2 ACSR 6/1	0	0	2588	191	23	2	2	0.01	0.15	0
9540041	9540046	1.11	3 1-	2 ACSR 6/1	0	0	2488	190	10	1	1	0.00	0.15	0
9540047	9540041	1.18	2 1-	2 ACSR 6/1	0	0	2380	190	3	0	0	0.00	0.15	0
9540042	9540040	0.84	29 3-	1/0 ACSR 6/1	3473	3330	2974	193	90	3	2	0.00	0.14	0
9540045	9540042	0.91	28 3-	1/0 ACSR 6/1	3367	3217	2860	192	88	3	2	0.00	0.14	0
9540044	9540045	1.02	1 1- 15	KV 2 URD XLP	0	0	2671	484	7	0	0	0.00	0.15	0
9540033	9540044	1.11	1 1- 15	KV 2 URD XLP	0	0	2535	477	7	0	0	0.00	0.15	0
9540043	9540045	1.00	26 3-	1/0 ACSR 6/1	3224	3066	2709	192	78	3	1	0.00	0.15	0
9540060	9540043	1.04	25 3-	1/0 ACSR 6/1	3165	3003	2647	192	77	3	1	0.00	0.15	0
9540061	9540060	1.11	24 3-	1/0 ACSR 6/1	3078	2912	2559	191	75	3	1	0.00	0.15	0
9540049	9540061	1.18	20 3-	1/0 ACSR 6/1	2980	2810	2460	191	68	2	1	0.00	0.15	0
D09-54-P010	9540049	1.18	2 1-	FUS-30	0	0	2460	191	5	0	2	0.00	0.12	0
9540064	D09-54-P010	1.27	2 1-	2 ACSR 6/1	0	0	2337	190	5	0	0	0.00	0.13	0
9540023	9540064	1.33	1 1-	2 ACSR 6/1	0	0	2258	190	2	0	0	0.00	0.13	0
9540022	9540064	1.35	1 1-	2 ACSR 6/1	0	0	2232	189	2	0	0	0.00	0.13	0
9540024	9540049	1.25	18 3-	1/0 ACSR 6/1	2891	2718	2373	190	64	2	1	0.00	0.16	0
9540036	9540024	1.27	4 1-	2 ACSR 6/1	0	0	2350	190	16	2	1	0.00	0.16	0
D09-54-P007	9540036	1.27	2 1-	FUS	0	0	2350	190	7	0	20	0.00	0.16	0
9540037	D09-54-P007	1.38	2 1-	2 ACSR 6/1	0	0	2204	189	7	0	0	0.00	0.17	0
9540050	9540024	1.38	14 3-	1/0 ACSR 6/1	2742	2565	2228	190	48	2	1	0.00	0.16	0
9530141	9540050	1.47	11 3-	1/0 ACSR 6/1	2649	2470	2139	189	41	1	1	0.00	0.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9530157	9530141	1.53	2 1-	2 ACSR 6/1	0	0	2076	189	5	0	0	0.00	0.12	0
9530158	9530157	1.58	1 1-	2 ACSR 6/1	0	0	2018	188	2	0	0	0.00	0.12	0
9530142	9530141	1.52	9 3-	1/0 ACSR 6/1	2603	2424	2097	189	36	1	1	0.00	0.16	0
D09-53-P270	9530142	1.52	2 1-	FUS-30	0	0	2097	189	2	0	1	0.00	0.21	0
9530217	D09-53-P270	1.55	2 1-	2 ACSR 6/1	0	0	2055	189	2	0	0	0.00	0.21	0
9530023	9530142	1.55	7 1-	2 ACSR 6/1	0	0	2063	189	33	4	2	0.00	0.22	0
9530191	9530023	1.58	3 1-	2 ACSR 6/1	0	0	2031	188	10	1	1	0.00	0.22	0
9530192	9530191	1.67	2 1-	2 ACSR 6/1	0	0	1940	188	7	0	1	0.00	0.22	0
9530148	9530023	1.74	4 1-	2 ACSR 6/1	0	0	1872	187	23	2	2	0.02	0.23	0
9530159	9530148	1.86	4 1-	2 ACSR 6/1	0	0	1769	186	23	2	2	0.01	0.24	0
9530025	9530159	1.88	4 1-	2 ACSR 6/1	0	0	1754	186	23	2	2	0.00	0.24	0
9530147	9530025	1.97	3 1-	2 ACSR 6/1	0	0	1684	185	12	1	1	0.00	0.25	0
9530028	9530025	1.95	1 1-	2 ACSR 6/1	0	0	1698	186	11	1	1	0.00	0.25	0
9540032	9530028	2.10	1 1-	2 ACSR 6/1	0	0	1595	184	11	1	1	0.00	0.25	0
9530024	9530159	1.92	0 1-	2 ACSR 6/1	0	0	1724	186	0	0	0	0.00	0.24	0
9530140	9540050	1.40	3 1-	2 ACSR 6/1	0	0	2207	190	7	0	0	0.00	0.20	0
9540048	9540061	1.13	3 1-	2 ACSR 6/1	0	0	2516	191	6	0	0	0.00	0.17	0
9540025	9540048	1.17	2 1-	2 ACSR 6/1	0	0	2458	191	6	0	0	0.00	0.17	0
9540051	9540057	0.71	6 1-	2 ACSR 6/1	0	0	3227	193	12	1	1	0.00	0.13	0
9540053	9540051	0.75	0 1-	2 ACSR 6/1	0	0	3121	193	0	0	0	0.00	0.13	0
9540035	9540051	0.76	6 1-	2 ACSR 6/1	0	0	3101	193	12	1	1	0.00	0.13	0
9540038	9540035	0.83	0 1-	2 ACSR 6/1	0	0	2957	192	0	0	0	0.00	0.13	0
9640191	9640073	0.44	0 3-	4/0 ACSR 6/1	4170	4091	3816	194	0	0	0	0.00	0.09	0
9640149	9640191	0.46	0 3-	4/0 ACSR 6/1	4145	4064	3783	194	0	0	0	0.00	0.09	0
9640192	9640149	0.46	0 3-	4/0 ACSR 6/1	4134	4052	3769	194	0	0	0	0.00	0.09	0
09-64-P124-A	9640192	0.46	0 3-	Open	4134	4052	3769	194	0	0	0	0.00	0.09	0
9640063	9640153	0.31	1 3-	4/0 ACSR 6/1	4434	4387	4184	195	34	1	0	0.00	0.07	0
9640156	9640154	0.14	4 3-	4/0 ACSR 6/1	4818	4820	4758	195	75	3	1	0.00	0.04	0
9640158	9640156	0.27	4 3-	4/0 ACSR 6/1	4515	4477	4299	195	75	3	1	0.00	0.04	0
9640159	9640158	0.28	3 3-	4/0 ACSR 6/1	4504	4465	4284	195	61	2	1	0.00	0.04	0
9640160	9640159	0.37	3 3-	15 KV 2 URD XLP	4386	4372	4128	507	61	2	2	0.01	0.05	0
9640161	9640160	0.43	2 3-	15 KV 2 URD XLP	4284	4279	3997	502	57	2	2	0.00	0.05	0
9640162	9640161	0.45	1 3-	15 KV 2 URD XLP	4259	4256	3966	501	28	1	1	0.00	0.05	0
9640157	9640156	0.20	0 1-	2 ACSR 6/1	0	0	4490	195	0	0	0	0.00	0.04	0
9640062	9640154	0.25	11 3-	4/0 ACSR 6/1	4553	4520	4355	195	398	18	5	0.03	0.07	8
9640061	9640062	0.32	10 3-	4/0 ACSR 6/1	4413	4363	4153	195	397	17	5	0.01	0.08	3
9640060	9640061	0.37	10 3-	4/0 ACSR 6/1	4310	4247	4008	195	397	17	5	0.01	0.09	2
9640048	9640060	0.39	5 3-	4/0 ACSR 6/1	4265	4197	3946	195	14	0	0	0.00	0.09	0
9640047	9640048	0.47	4 3-	4/0 ACSR 6/1	4114	4030	3742	194	12	0	0	0.00	0.09	0
9640046	9640047	0.53	4 3-	4/0 ACSR 6/1	4020	3927	3619	194	12	0	0	0.00	0.09	0
9640045	9640046	0.60	3 3-	4/0 ACSR 6/1	3897	3791	3460	194	9	0	0	0.00	0.09	0
9640188	9640045	0.67	1 1-	2 ACSR 6/1	0	0	3291	193	4	0	0	0.00	0.09	0
9640044	9640045	0.64	0 3-	4/0 ACSR 6/1	3836	3725	3384	194	0	0	0	0.00	0.09	0
9640131	9640044	0.66	0 3-	4/0 ACSR 6/1	3802	3688	3341	194	0	0	0	0.00	0.09	0
09-64-P027-B	9640131	0.66	0 3-	Open	3802	3688	3341	194	0	0	0	0.00	0.09	0
9640043	9640060	0.59	2 3-	4/0 ACSR 6/1	3911	3807	3479	194	207	9	3	0.02	0.11	3
9640065	9640043	0.62	2 3-	15 KV 2 URD XLP	3878	3777	3440	503	207	9	6	0.01	0.12	1
9641210	9640065	0.62	2 3-	Consumer	3878	3777	3440	503	207	9	0	0.00	0.12	0
9640058	9640060	0.41	3 3-	4/0 ACSR 6/1	4239	4168	3910	195	176	7	2	0.00	0.09	0
9640059	9640058	0.50	2 3-	4/0 ACSR 6/1	4066	3976	3678	194	173	7	2	0.01	0.10	0
9641240	9640059	0.50	2 3-	Consumer	4066	3976	3678	194	173	7	0	0.00	0.10	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
SUB 103 CHAD(103)		1332			2811		2849		2941		367		9051		
SUB 103, CKT 1															
BK103-01+	CHAD(103)	0.00	140 3-	BK10301	2811	2849	2941	367	803	18 12	0.00	0.00	0.00	0	
38280092+	BK103-01	0.00	140 3-	266 ACSR 18/1	2810	2847	2939	367	803	18 4	0.00	0.00	0.00	0	
D38-28-P040+	38280092	0.00	140 3-	REC-100-E	2810	2847	2939	367	803	18 18	0.00	0.00	0.00	0	
38280093+	D38-28-P040	1.60	140 3-	266 ACSR 18/1	2237	2204	2067	357	803	18 4	0.26	12.02	82		
38180080+	38280093	1.64	140 3-	1/0 ACSR 6/1	2222	2187	2048	356	802	18 8	0.01	0.13	5		
38180087+	38180080	1.70	138 3-	1/0 ACSR 6/1	2203	2166	2023	356	787	17 8	0.02	0.14	7		
38080033+	38180087	1.80	137 3-	1/0 ACSR 6/1	2173	2132	1984	355	777	17 8	0.03	0.15	11		
38080031+	38080033	1.99	133 3-	1/0 ACSR 6/1	2114	2066	1910	352	760	17 7	0.05	0.18	21		
38090014+	38080031	2.08	132 3-	1/0 ACSR 6/1	2087	2036	1877	351	760	17 7	0.02	0.19	10		
38090015+	38090014	2.22	129 3-	1/0 ACSR 6/1	2044	1988	1825	350	749	16 7	0.04	0.21	15		
38090016+	38090015	2.32	2 1-	2 ACSR 6/1	0	0	1786	348	7	0 0	0.00	-0.01	0		
38090017+	38090016	2.36	1 1-	2 ACSR 6/1	0	0	1773	348	5	0 0	0.00	-0.01	0		
38090018+	38090017	2.41	0 1-	2 ACSR 6/1	0	0	1755	347	0	0 0	0.00	-0.01	0		
38090012+	38090015	2.27	126 3-	1/0 ACSR 6/1	2030	1972	1808	349	734	16 7	0.01	0.22	5		
38090013+	38090012	2.30	1 1-	2 ACSR 6/1	0	0	1798	349	5	0 0	0.00	0.45	0		
38090011+	38090012	2.64	124 3-	1/0 ACSR 6/1	1928	1861	1689	345	722	16 7	0.10	0.27	37		
33990018+	38090011	2.73	121 3-	1/0 ACSR 6/1	1904	1836	1663	345	716	16 7	0.02	0.29	9		
33990019+	33990018	2.80	119 3-	1/0 ACSR 6/1	1886	1815	1641	344	708	16 7	0.02	0.30	7		
33990020+	33990019	2.81	118 3-	1/0 ACSR 6/1	1883	1813	1639	344	704	15 7	0.00	0.30	0		
33-99-P096-B+	33990020	2.81	118 3-	Closed	1883	1813	1639	344	704	15 0	0.00	0.30	0		
33-99-P096-A+	33-99-P096-B	2.81	118 3-	Closed	1883	1813	1639	344	704	15 0	0.00	0.30	0		
33990004+	33-99-P096-A	2.88	118 3-	1/0 ACSR 6/1	1867	1795	1620	343	704	15 7	0.02	0.31	6		
33990014+	33990004	2.91	3 1-	2 ACSR 6/1	0	0	1608	342	16	1 1	0.00	0.31	0		
33990015+	33990014	2.97	2 1-	2 ACSR 6/1	0	0	1589	341	5	0 0	0.00	0.31	0		
33990003+	33990004	2.97	115 3-	1/0 ACSR 6/1	1842	1769	1593	342	689	15 7	0.03	0.32	9		
33990013+	33990003	3.59	113 3-	1/0 ACSR 6/1	1701	1618	1440	336	678	15 7	0.16	0.40	56		
34920010+	33990013	3.65	112 3-	1/0 ACSR 6/1	1686	1603	1425	335	672	15 7	0.02	0.41	6		
34920011+	34920010	3.69	1 1-	2 ACSR 6/1	0	0	1415	334	2	0 0	0.00	0.40	0		
34920003+	34920010	3.78	111 3-	1/0 ACSR 6/1	1659	1574	1396	334	670	15 7	0.03	0.43	12		
34920013+	34920003	3.84	111 3-	1/0 ACSR 6/1	1648	1562	1385	333	670	15 7	0.01	0.44	5		
34920014+	34920013	4.00	108 3-	1/0 ACSR 6/1	1615	1528	1352	331	657	14 6	0.04	0.46	14		
34820007+	34920014	4.06	1 1-	2 ACSR 6/1	0	0	1337	331	7	0 0	0.00	0.44	0		
34820006+	34920014	4.08	107 3-	1/0 ACSR 6/1	1599	1511	1335	331	650	14 6	0.02	0.47	7		
34820008+	34820006	4.20	105 3-	1/0 ACSR 6/1	1577	1488	1313	330	634	14 6	0.03	0.48	10		
34820009+	34820008	4.41	104 3-	1/0 ACSR 6/1	1537	1447	1273	327	628	14 6	0.05	0.51	18		
34820010+	34820009	4.60	101 3-	1/0 ACSR 6/1	1503	1412	1239	326	615	13 6	0.05	0.53	16		
34830073+	34820010	4.75	98 3-	1/0 ACSR 6/1	1478	1386	1214	324	603	13 6	0.04	0.55	12		
34830042+	34830073	4.78	4 1-	2 ACSR 6/1	0	0	1208	324	10	0 0	0.00	0.53	0		
34830043+	34830042	4.82	3 1-	2 ACSR 6/1	0	0	1202	323	10	0 0	0.00	0.53	0		
34830074+	34830043	4.88	1 1-	2 ACSR 6/1	0	0	1189	322	6	0 0	0.00	0.53	0		
34830064+	34830073	4.80	94 3-	1/0 ACSR 6/1	1470	1377	1206	324	593	13 6	0.01	0.55	4		
34830065+	34830064	4.85	89 3-	1/0 ACSR 6/1	1461	1369	1198	323	573	13 6	0.01	0.56	4		
34830066+	34830065	5.09	88 3-	1/0 ACSR 6/1	1422	1329	1160	321	570	12 6	0.06	0.59	19		
34830045+	34830066	5.15	1 1-	2 ACSR 6/1	0	0	1149	320	5	0 0	0.00	1.19	0		
34830057+	34830066	5.16	86 3-	1/0 ACSR 6/1	1412	1318	1150	320	563	12 6	0.02	0.59	5		
34830058+	34830057	5.20	83 3-	1/0 ACSR 6/1	1406	1312	1145	320	560	12 6	0.01	0.60	3		
34830059+	34830058	5.26	82 3-	1/0 ACSR 6/1	1396	1302	1135	319	559	12 6	0.02	0.61	5		
34830061+	34830059	5.33	79 3-	1/0 ACSR 6/1	1385	1291	1125	319	548	12 5	0.02	0.61	6		
34830062+	34830061	5.40	78 3-	1/0 ACSR 6/1	1375	1281	1115	318	541	12 5	0.02	0.62	5		
34830070+	34830062	5.46	74 3-	1/0 ACSR 6/1	1367	1272	1107	317	522	11 5	0.01	0.63	4		

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34830071+	34830070	5.53	3 1-	2 ACSR 6/1	0	0	1096	316	15	0	1	0.00	1.28	0
34830072+	34830071	5.56	2 1-	2 ACSR 6/1	0	0	1091	316	7	0	0	0.00	1.28	0
34830069+	34830070	5.50	69 3-	1/0 ACSR 6/1	1360	1266	1101	317	492	11	5	0.01	0.63	3
34830056+	34830069	5.59	67 3-	1/0 ACSR 6/1	1348	1254	1090	316	489	11	5	0.02	0.64	6
34830053+	34830056	5.62	5 3-	1/0 ACSR 6/1	1344	1249	1086	316	205	4	2	0.00	0.64	0
34830047+	34830053	5.64	3 3-	1/0 ACSR 6/1	1340	1245	1082	316	196	4	2	0.00	0.64	0
34830310+	34830047	5.64	2 3-	Consumer	1340	1245	1082	316	185	4	0	0.00	0.64	0
34830075+	34830047	5.66	0 3-	1/0 ACSR 6/1	1338	1244	1080	316	0	0	0	0.00	0.64	0
34830046+	34830047	5.67	1 1-	2 ACSR 6/1	0	0	1077	315	11	0	0	0.00	0.62	0
34830010+	34830056	5.65	62 3-	1/0 ACSR 6/1	1338	1244	1081	316	284	6	3	0.01	0.64	3
D34-83-P060+	34830010	5.65	61 1-	RBC-50-E	0	0	1081	316	275	18	37	0.00	1.33	0
34830044+	D34-83-P060	5.74	61 1-	2 ACSR 6/1	0	0	1067	314	275	18	10	0.02	1.35	5
34830063+	34830044	5.78	58 1-	2 ACSR 6/1	0	0	1061	314	256	17	10	0.01	1.36	2
34830052+	34830063	5.81	54 1-	2 ACSR 6/1	0	0	1056	313	246	16	9	0.01	1.37	1
34830055+	34830052	5.98	53 1-	2 ACSR 6/1	0	0	1032	311	238	16	9	0.04	1.41	7
34730037+	34830055	6.05	27 1-	2 ACSR 6/1	0	0	1022	310	121	8	5	0.01	1.42	0
D34-73-P049+	34730037	6.05	27 1-	RBC-25-E	0	0	1022	310	121	8	33	0.00	1.42	0
34730009+	D34-73-P049	6.11	27 1-	2 ACSR 6/1	0	0	1014	310	121	8	5	0.01	1.43	0
34730038+	34730009	6.21	1 1-	2 ACSR 6/1	0	0	1000	308	10	0	0	0.00	1.43	0
34730042+	34730009	6.33	26 1-	2 ACSR 6/1	0	0	984	307	111	7	4	0.02	1.45	2
34730043+	34730042	6.36	16 1-	2 ACSR 6/1	0	0	979	306	82	5	3	0.00	1.45	0
34730044+	34730043	6.39	14 1-	2 ACSR 6/1	0	0	976	306	79	5	3	0.00	1.46	0
34730045+	34730044	6.43	12 1-	2 ACSR 6/1	0	0	970	306	66	4	2	0.00	1.46	0
34730046+	34730045	6.46	11 1-	2 ACSR 6/1	0	0	967	305	65	4	2	0.00	1.46	0
34730047+	34730046	6.53	1 1-	2 ACSR 6/1	0	0	958	304	10	0	0	0.00	1.46	0
34730010+	34730046	6.50	10 1-	2 ACSR 6/1	0	0	961	305	56	3	2	0.00	1.46	0
34730049+	34730010	6.56	9 1-	2 ACSR 6/1	0	0	954	304	45	3	2	0.00	1.47	0
34730035+	34730049	6.62	7 1-	2 ACSR 6/1	0	0	947	303	33	2	1	0.00	1.47	0
34730036+	34730035	6.67	5 1-	2 ACSR 6/1	0	0	940	303	26	1	1	0.00	1.47	0
34730033+	34730036	6.73	3 1-	2 ACSR 6/1	0	0	933	302	12	0	0	0.00	1.47	0
34730050+	34730033	6.79	2 1-	2 ACSR 6/1	0	0	927	301	12	0	0	0.00	1.47	0
34730051+	34730050	6.88	0 1-	2 ACSR 6/1	0	0	916	300	0	0	0	0.00	1.47	0
34730034+	34730049	6.61	1 1-	2 ACSR 6/1	0	0	948	303	9	0	0	0.00	1.47	0
34730048+	34730010	6.57	1 1-	2 ACSR 6/1	0	0	953	304	11	0	0	0.00	1.46	0
34730041+	34730042	6.42	4 1-	2 ACSR 6/1	0	0	972	306	14	0	1	0.00	1.45	0
34730039+	34730041	6.47	2 1-	2 ACSR 6/1	0	0	966	305	10	0	0	0.00	1.45	0
34730040+	34730039	6.54	1 1-	2 ACSR 6/1	0	0	956	304	6	0	0	0.00	1.45	0
34730052+	34730042	6.49	5 1-	2 ACSR 6/1	0	0	963	305	11	0	0	0.00	1.45	0
34730053+	34730052	6.85	1 1-	2 ACSR 6/1	0	0	919	301	5	0	0	0.00	1.45	0
34730054+	34830055	6.13	25 1-	2 ACSR 6/1	0	0	1010	309	114	7	4	0.02	1.43	2
34740034+	34730054	6.24	22 1-	2 ACSR 6/1	0	0	995	308	108	7	4	0.01	1.44	0
34740040+	34740034	6.30	20 1-	2 ACSR 6/1	0	0	988	307	99	6	4	0.01	1.45	0
34740050+	34740040	6.37	1 1-	2 ACSR 6/1	0	0	979	306	10	0	0	0.00	1.45	0
34740049+	34740040	6.43	19 1-	2 ACSR 6/1	0	0	971	306	89	5	3	0.01	1.46	0
34740043+	34740049	6.50	18 1-	2 ACSR 6/1	0	0	961	305	80	5	3	0.01	1.46	0
34740044+	34740043	6.54	17 1-	2 ACSR 6/1	0	0	957	304	75	5	3	0.00	1.47	0
34740047+	34740044	6.65	15 1-	2 ACSR 6/1	0	0	943	303	66	4	2	0.01	1.47	0
34740035+	34740047	6.70	14 1-	2 ACSR 6/1	0	0	937	302	65	4	2	0.00	1.48	0
34740037+	34740035	6.72	13 1-	2 ACSR 6/1	0	0	935	302	55	3	2	0.00	1.48	0
34740038+	34740037	6.80	12 1-	2 ACSR 6/1	0	0	925	301	50	3	2	0.00	1.48	0
34740016+	34740038	6.86	9 1-	2 ACSR 6/1	0	0	917	300	35	2	1	0.00	1.48	0
34740017+	34740016	7.19	8 1-	2 ACSR 6/1	0	0	881	297	35	2	1	0.01	1.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34740018+	34740017	7.30	7 1-	2 ACSR 6/1	0	0	870	295	25	1	1	0.00	1.50	0
34740019+	34740018	7.37	6 1-	2 ACSR 6/1	0	0	862	294	19	1	1	0.00	1.50	0
34750006+	34740019	7.43	5 1-	2 ACSR 6/1	0	0	855	294	10	0	0	0.00	1.50	0
34750004+	34750006	7.53	3 1-	2 ACSR 6/1	0	0	846	293	8	0	0	0.00	1.50	0
34750005+	34750004	7.60	2 1-	2 ACSR 6/1	0	0	839	292	7	0	0	0.00	1.50	0
34740011+	34740038	6.86	3 1-	2 ACSR 6/1	0	0	918	300	15	1	1	0.00	1.48	0
34740012+	34740011	6.91	1 1-	2 ACSR 6/1	0	0	912	300	5	0	0	0.00	1.48	0
D34-74-P016+	34740012	6.91	1 1-	REC-25-E	0	0	912	300	5	0	1	0.00	1.48	0
34740013+	34740013	7.00	1 1-	2 ACSR 6/1	0	0	902	299	5	0	0	0.00	1.48	0
34740014+	34740013	7.43	0 1-	2 ACSR 6/1	0	0	856	294	0	0	0	0.00	1.48	0
34740015+	34740014	7.51	0 1-	2 ACSR 6/1	0	0	847	293	0	0	0	0.00	1.48	0
34640004+	34740015	7.59	0 1-	2 ACSR 6/1	0	0	840	292	0	0	0	0.00	1.48	0
34640003+	34740015	7.54	0 1-	2 ACSR 6/1	0	0	845	293	0	0	0	0.00	1.48	0
34740036+	34740035	6.75	1 1-	2 ACSR 6/1	0	0	931	302	10	0	0	0.00	1.48	0
34740045+	34740044	6.59	2 1-	2 ACSR 6/1	0	0	951	304	9	0	0	0.00	1.47	0
34740046+	34740045	6.63	0 1-	2 ACSR 6/1	0	0	945	303	0	0	0	0.00	1.47	0
34740042+	34740049	6.46	1 1-	2 ACSR 6/1	0	0	966	305	9	0	0	0.00	1.46	0
34740039+	34740034	6.28	1 1-	2 ACSR 6/1	0	0	991	308	6	0	0	0.00	1.44	0
34740041+	34740034	6.33	1 1-	2 ACSR 6/1	0	0	984	307	4	0	0	0.00	1.44	0
34830051+	34830063	5.80	3 1-	2 ACSR 6/1	0	0	1058	314	9	0	0	0.00	1.36	0
34830049+	34830044	5.77	3 1-	2 ACSR 6/1	0	0	1062	314	19	1	1	0.00	1.35	0
34830050+	34830049	5.80	2 1-	2 ACSR 6/1	0	0	1059	314	7	0	0	0.00	1.35	0
34830048+	34830010	5.70	1 1-	2 ACSR 6/1	0	0	1074	315	9	0	0	0.00	1.33	0
34830068+	34830062	5.47	2 1-	2 ACSR 6/1	0	0	1103	317	12	0	0	0.00	0.60	0
34830067+	34830062	5.44	1 1-	2 ACSR 6/1	0	0	1109	317	5	0	0	0.00	1.27	0
34830060+	34830059	5.34	2 1-	2 ACSR 6/1	0	0	1122	318	9	0	0	0.00	0.59	0
34920012+	34920013	3.90	3 1-	2 ACSR 6/1	0	0	1370	332	12	0	0	0.00	0.87	0
34920004+	34920003	3.84	0 1-	2 ACSR 6/1	0	0	1382	333	0	0	0	0.00	0.85	0
33990016+	33990003	3.02	2 1-	2 ACSR 6/1	0	0	1580	341	10	0	0	0.00	0.32	0
33990017+	38090011	2.71	2 1-	2 ACSR 6/1	0	0	1664	344	3	0	0	0.00	0.27	0
38080030+	38080033	1.85	3 1-	2 ACSR 6/1	0	0	1962	354	8	0	0	0.00	0.32	0
38090021+	38080030	1.88	1 1-	2 ACSR 6/1	0	0	1946	353	3	0	0	0.00	0.32	0
38090020+	38080030	1.86	2 1-	2 ACSR 6/1	0	0	1957	354	4	0	0	0.00	0.32	0
38090010+	38090020	1.89	1 1-	2 ACSR 6/1	0	0	1943	353	2	0	0	0.00	0.32	0
38080032+	38180087	1.81	0 3-	1/0 ACSR 6/1	2170	2128	1981	354	0	0	0	0.00	0.14	0
38-18-P030-B+	38080032	1.81	0 3-	Open	2170	2128	1981	354	0	0	0	0.00	0.14	0
CKT 1 total losses:		\$466												

SUB 103, CKT 2

BK103-02+	CHAD(103)	0.00	272 3-	BK10302	2811	2849	2941	367	3318	76	51	0.00	0.00	0
38280091+	BK103-02	0.66	272 3-	266 ACSR 18/1	2543	2546	2507	363	3318	76	17	0.25	0.24	462
38180059+	38280091	0.96	10 3-	266 ACSR 18/1	2437	2427	2349	361	62	1	0	0.00	0.24	0
38190019+	38180059	1.04	9 3-	266 ACSR 18/1	2410	2396	2309	360	51	1	0	0.00	0.24	0
D38-29-P164+	38190019	1.04	7 1-	REC-35-E	0	0	2309	360	38	2	7	0.00	0.15	0
20852074+	D38-29-P164	1.10	7 1-	2 ACSR 6/1	0	0	2274	359	38	2	1	0.00	0.15	0
20852281+	20852074	1.17	7 1-	2 ACSR 6/1	0	0	2234	358	38	2	1	0.00	0.15	0
20852282+	20852281	1.19	4 1-	2 ACSR 6/1	0	0	2223	358	19	1	1	0.00	0.15	0
38290005+	20852281	1.29	3 1-	2 ACSR 6/1	0	0	2172	356	19	1	1	0.00	0.15	0
20852283+	38290005	1.33	1 1-	2 ACSR 6/1	0	0	2149	356	5	0	0	0.00	0.15	0
38290081+	38290005	1.37	2 1-	2 ACSR 6/1	0	0	2127	355	13	0	0	0.00	0.16	0
38290063+	38290081	1.45	1 1-	2 ACSR 6/1	0	0	2088	354	4	0	0	0.00	0.16	0
38290064+	38290063	1.47	1 1-	2 ACSR 6/1	0	0	2078	353	4	0	0	0.00	0.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38290065+	38290064	1.65	1 1-	2 ACSR 6/1	0	0	1991	351	4	0	0	0.00	0.16	0
38290082+	38190019	1.13	1 3-	266 ACSR 18/1	2381	2364	2267	360	11	0	0	0.00	0.24	0
38280090+	38290082	1.20	1 3-	266 ACSR 18/1	2358	2338	2235	359	11	0	0	0.00	0.24	0
38180057+	38280090	1.22	0 3-	266 ACSR 18/1	2350	2329	2224	359	0	0	0	0.00	0.24	0
38180064+	38280091	0.77	1 1-	2 ACSR 6/1	0	0	2437	361	11	0	0	0.00	0.14	0
38180012+	38280091	0.95	261 3-	266 ACSR 18/1	2441	2431	2354	361	3241	74	16	0.11	0.34	193
38180092+	38180012	1.15	259 3-	266 ACSR 18/1	2374	2355	2257	360	2730	63	14	0.07	0.40	99
38180091+	38180092	1.41	256 3-	266 ACSR 18/1	2291	2263	2141	358	2661	61	13	0.08	0.48	123
38180090+	38180091	1.54	254 3-	266 ACSR 18/1	2253	2221	2089	357	2652	61	13	0.04	0.52	59
38180008+	38180090	1.56	254 3-	1/0 ACSR 6/1	2247	2214	2080	357	2651	61	27	0.01	0.53	22
38180009+	38180008	1.57	254 3-	1/0 ACSR 6/1	2245	2213	2079	357	2651	61	27	0.00	0.53	4
38-18-P062-B+	38180009	1.57	254 3-	Closed	2245	2213	2079	357	2651	61	0	0.00	0.53	0
38-18-P062-A+	38-18-P062-B	1.57	254 3-	Closed	2245	2213	2079	357	2651	61	0	0.00	0.53	0
38180078+	38-18-P062-A	1.61	254 3-	1/0 ACSR 6/1	2230	2195	2059	356	2651	61	27	0.03	0.56	53
38180079+	38180078	1.65	253 3-	1/0 ACSR 6/1	2216	2180	2041	356	2645	61	27	0.02	0.58	48
38180094+	38180079	1.70	16 1-	1/0 ACSR 6/1	0	0	2024	355	69	4	2	0.00	0.80	0
38180095+	38180094	1.75	13 1-	1/0 ACSR 6/1	0	0	2001	355	52	3	2	0.00	0.81	0
D38-18-P023+	38180095	1.75	6 1-	REC-50-E	0	0	2001	355	24	1	3	0.00	0.81	0
38180088+	D38-18-P023	1.78	6 1-	2 ACSR 6/1	0	0	1988	354	24	1	1	0.00	0.81	0
38180089+	38180088	1.85	3 1-	2 ACSR 6/1	0	0	1955	353	13	0	0	0.00	0.81	0
38180093+	38180095	1.79	7 1-	1/0 ACSR 6/1	0	0	1984	354	28	1	1	0.00	0.81	0
38180082+	38180093	1.85	6 1-	1/0 ACSR 6/1	0	0	1961	354	21	1	1	0.00	0.81	0
38180084+	38180082	1.90	1 1-	2 ACSR 6/1	0	0	1938	353	6	0	0	0.00	0.81	0
38180083+	38180082	1.98	5 1-	1/0 ACSR 6/1	0	0	1910	352	15	1	0	0.00	0.81	0
38180098+	38180083	2.08	4 1-	1/0 ACSR 6/1	0	0	1876	351	15	1	0	0.00	0.81	0
38180096+	38180098	2.15	3 1-	1/0 ACSR 6/1	0	0	1848	350	9	0	0	0.00	0.81	0
38180097+	38180096	2.22	1 1-	1/0 ACSR 6/1	0	0	1823	350	1	0	0	0.00	0.81	0
38180086+	38180098	2.11	1 1-	2 ACSR 6/1	0	0	1860	351	7	0	0	0.00	0.81	0
38180085+	38180083	2.02	1 1-	2 ACSR 6/1	0	0	1894	352	0	0	0	0.00	0.81	0
38180081+	38180093	1.82	0 1-	2 ACSR 6/1	0	0	1972	354	0	0	0	0.00	0.81	0
38180068+	38180079	1.71	3 1-	2 ACSR 6/1	0	0	2013	355	14	0	1	0.00	0.32	0
38180067+	38180079	1.72	234 3-	1/0 ACSR 6/1	2194	2155	2012	355	2562	59	26	0.04	0.62	72
38180076+	38180067	1.79	5 3-	2 ACSR 6/1	2172	2130	1984	354	29	0	0	0.00	0.62	0
38180077+	38180076	1.83	4 1-	2 ACSR 6/1	0	0	1964	353	24	1	1	0.00	0.66	0
38180066+	38180067	1.73	0 3-	1/0 ACSR 6/1	2191	2152	2009	355	0	0	0	0.00	0.62	0
38-18-P030-A+	38180066	1.73	0 3-	Open	2191	2152	2009	355	0	0	0	0.00	0.62	0
38180074+	38180067	1.74	226 3-	1/0 ACSR 6/1	2188	2148	2004	355	2524	58	25	0.01	0.63	21
38180075+	38180074	1.84	225 3-	1/0 ACSR 6/1	2156	2112	1964	354	2520	58	25	0.05	0.68	103
38080034+	38180075	1.87	225 3-	1/0 ACSR 6/1	2147	2103	1953	353	2519	58	25	0.01	0.69	27
38080035+	38080034	1.90	222 3-	1/0 ACSR 6/1	2138	2092	1941	353	2507	58	25	0.02	0.71	31
38080036+	38080035	1.96	220 3-	1/0 ACSR 6/1	2118	2070	1917	352	2500	58	25	0.03	0.74	65
38080037+	38080036	2.00	219 3-	1/0 ACSR 6/1	2106	2057	1902	352	2492	57	25	0.02	0.77	40
38080038+	38080037	2.04	6 1-	2 ACSR 6/1	0	0	1888	351	19	1	1	0.00	1.05	0
38080025+	38080037	2.18	212 3-	1/0 ACSR 6/1	2054	1999	1838	350	2471	57	25	0.09	0.86	172
38080045+	38080025	2.23	211 3-	1/0 ACSR 6/1	2038	1981	1819	350	2459	57	25	0.03	0.89	53
38080044+	38080045	2.27	1 1-	2 ACSR 6/1	0	0	1804	349	3	0	0	0.00	0.92	0
38080043+	38080045	2.27	210 3-	1/0 ACSR 6/1	2026	1969	1805	349	2455	57	25	0.02	0.91	39
38080026+	38080043	2.35	210 3-	1/0 ACSR 6/1	2006	1946	1781	348	2455	57	25	0.04	0.95	70
D38-08-P063+	38080026	2.35	16 1-	REC-50-E	0	0	1781	348	59	3	8	0.00	1.29	0
38080004+	D38-08-P063	2.40	16 1-	2 ACSR 6/1	0	0	1762	348	59	3	2	0.00	1.29	0
38080005+	38080004	2.50	16 1-	2 ACSR 6/1	0	0	1722	346	59	3	2	0.01	1.30	0
33980007+	38080005	2.83	16 1-	2 ACSR 6/1	0	0	1611	341	59	3	2	0.02	1.32	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
33980009+	33980007	2.92	14 1-	2 ACSR 6/1	0	0	1583	340	47	3	2	0.00	1.32	0
33980011+	33980009	2.99	1 1-	2 ACSR 6/1	0	0	1559	339	6	0	0	0.00	1.32	0
33980010+	33980009	3.35	11 1-	2 ACSR 6/1	0	0	1454	333	39	2	1	0.02	1.34	0
33880009+	33980010	3.40	10 1-	2 ACSR 6/1	0	0	1442	333	31	2	1	0.00	1.34	0
33880010+	33880009	3.46	8 1-	2 ACSR 6/1	0	0	1427	332	22	1	1	0.00	1.34	0
33880006+	33880010	3.50	5 1-	2 ACSR 6/1	0	0	1415	331	19	1	1	0.00	1.34	0
33880007+	33880006	3.55	4 1-	2 ACSR 6/1	0	0	1402	331	13	0	1	0.00	1.34	0
33870007+	33880007	3.65	4 1-	2 ACSR 6/1	0	0	1378	329	13	0	1	0.00	1.34	0
33870009+	33870007	3.73	1 1-	2 ACSR 6/1	0	0	1357	328	5	0	0	0.00	1.34	0
33870008+	33870007	3.83	1 1-	2 ACSR 6/1	0	0	1333	327	3	0	0	0.00	1.34	0
33870011+	33870008	3.92	1 1-	2 ACSR 6/1	0	0	1311	326	3	0	0	0.00	1.34	0
33870012+	33870011	3.94	1 1-	2 ACSR 6/1	0	0	1307	325	3	0	0	0.00	1.34	0
33870010+	33870008	3.89	0 1-	2 ACSR 6/1	0	0	1318	326	0	0	0	0.00	1.34	0
33880008+	33980010	3.41	1 1-	2 ACSR 6/1	0	0	1441	333	8	0	0	0.00	1.34	0
33980008+	33980007	2.88	1 1-	2 ACSR 6/1	0	0	1594	340	5	0	0	0.00	1.32	0
38080041+	38080026	2.79	194 3-	1/0 ACSR 6/1	1886	1815	1642	344	2395	55	24	0.22	1.17	408
38080042+	38080041	2.89	193 3-	1/0 ACSR 6/1	1862	1789	1615	343	2387	55	24	0.05	1.22	86
38080027+	38080042	2.91	191 3-	1/0 ACSR 6/1	1855	1782	1608	342	2380	55	24	0.01	1.24	24
38080028+	38080027	2.95	191 3-	1/0 ACSR 6/1	1846	1773	1598	342	2379	55	24	0.02	1.25	31
38080029+	38080028	2.98	190 3-	1/0 ACSR 6/1	1839	1765	1590	342	2379	55	24	0.01	1.27	27
38080039+	38080029	3.12	189 3-	1/0 ACSR 6/1	1804	1727	1551	340	2377	55	24	0.07	1.34	131
38180058+	38080039	3.16	187 3-	1/0 ACSR 6/1	1796	1718	1542	340	2367	55	24	0.02	1.36	31
38180061+	38180058	3.22	1 1-	2 ACSR 6/1	0	0	1524	339	5	0	0	0.00	0.89	0
38180060+	38180058	3.26	185 3-	1/0 ACSR 6/1	1770	1691	1515	339	2361	55	24	0.05	1.41	96
38170021+	38180060	3.49	184 3-	1/0 ACSR 6/1	1720	1638	1461	336	2352	54	24	0.11	1.53	198
38170051+	38170021	3.54	181 3-	1/0 ACSR 6/1	1708	1625	1449	336	781	17	8	0.01	1.53	6
38170023+	38170051	3.65	181 3-	1/0 ACSR 6/1	1684	1600	1424	335	781	17	8	0.01	1.55	12
38170036+	38170023	3.82	181 3-	1/0 ACSR 6/1	1650	1564	1388	333	781	17	8	0.02	1.57	18
38-17-P035-B	38170036	3.82	181 3-	Closed	1650	1564	1388	333	781	17	0	0.00	1.57	0
38-17-P035-A	38-17-P035-B	3.82	181 3-	Closed	1650	1564	1388	333	781	17	0	0.00	1.57	0
38170049+	38-17-P035-A	3.88	181 3-	1/0 ACSR 6/1	1637	1550	1374	332	781	17	8	0.01	1.58	7
38170056+	38170049	3.99	0 1-	2 ACSR 6/1	0	0	1348	331	0	0	0	0.00	1.60	0
38170038+	38170049	3.93	179 3-	1/0 ACSR 6/1	1627	1540	1364	332	774	17	8	0.01	1.59	5
38170039+	38170038	3.97	177 3-	1/0 ACSR 6/1	1620	1532	1357	332	767	17	8	0.01	1.60	4
38170041+	38170039	4.00	172 3-	1/0 ACSR 6/1	1613	1525	1350	331	749	16	7	0.00	1.60	4
38170042+	38170041	4.06	171 3-	1/0 ACSR 6/1	1602	1514	1339	331	746	16	7	0.01	1.61	6
38170045+	38170042	4.13	171 3-	1/0 ACSR 6/1	1587	1499	1324	330	746	16	7	0.01	1.62	8
38170046+	38170045	4.18	3 1-	2 ACSR 6/1	0	0	1312	329	9	0	0	0.00	1.04	0
38170047+	38170046	4.22	2 1-	2 ACSR 6/1	0	0	1303	329	8	0	0	0.00	1.04	0
38170044+	38170045	4.23	165 3-	1/0 ACSR 6/1	1569	1480	1305	329	733	16	7	0.01	1.63	10
38170015+	38170044	4.32	164 3-	1/0 ACSR 6/1	1552	1462	1288	328	730	16	7	0.01	1.65	9
38170017+	38170015	4.36	163 3-	1/0 ACSR 6/1	1545	1455	1281	328	722	16	7	0.01	1.65	4
38170018+	38170017	4.43	1 1-	2 ACSR 6/1	0	0	1265	327	7	0	0	0.00	1.04	0
38170020+	38170017	4.43	160 3-	1/0 ACSR 6/1	1533	1442	1269	327	708	16	7	0.01	1.66	7
38170019+	38170020	4.49	159 3-	1/0 ACSR 6/1	1521	1430	1257	326	705	15	7	0.01	1.67	6
38160062+	38170019	4.52	158 3-	1/0 ACSR 6/1	1515	1424	1252	326	699	15	7	0.00	1.67	3
38160063+	38160062	4.60	158 3-	1/0 ACSR 6/1	1503	1411	1239	325	699	15	7	0.01	1.68	7
38160064+	38160063	4.67	157 3-	1/0 ACSR 6/1	1490	1398	1227	325	692	15	7	0.01	1.69	6
38160065+	38160064	4.78	156 3-	1/0 ACSR 6/1	1472	1379	1209	324	685	15	7	0.01	1.70	9
38160067+	38160065	4.84	4 1-	2 ACSR 6/1	0	0	1196	323	19	1	1	0.00	1.05	0
38160046+	38160067	4.89	3 1-	2 ACSR 6/1	0	0	1187	322	11	0	0	0.00	1.05	0
38160010+	38160046	4.94	2 1-	2 ACSR 6/1	0	0	1178	321	9	0	0	0.00	1.05	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38160066+	38160065	4.79	2 1-	2 ACSR 6/1	0	0	1205	323	6	0	0	0.00	2.34	0
38160011+	38160065	4.85	149 3-	1/0 ACSR 6/1	1459	1366	1196	323	655	14	6	0.01	1.71	6
38160018+	38160011	4.91	136 3-	1/0 ACSR 6/1	1450	1357	1188	322	605	13	6	0.01	1.72	4
38160019+	38160018	4.94	135 3-	1/0 ACSR 6/1	1444	1351	1182	322	603	13	6	0.01	1.72	3
38160020+	38160019	5.06	134 3-	1/0 ACSR 6/1	1425	1331	1163	321	597	13	6	0.02	1.74	9
38160009+	38160020	5.10	132 3-	1/0 ACSR 6/1	1419	1326	1158	321	586	13	6	0.01	1.74	3
38160007+	38160009	5.12	131 3-	1/0 ACSR 6/1	1415	1322	1154	320	579	13	6	0.00	1.74	2
38160008+	38160007	5.18	2 1-	2 ACSR 6/1	0	0	1144	320	9	0	0	0.00	2.42	0
38160006+	38160007	5.22	129 3-	1/0 ACSR 6/1	1401	1307	1140	319	570	12	6	0.01	1.75	7
38160053+	38160006	5.28	119 3-	1/0 ACSR 6/1	1391	1297	1130	319	531	12	5	0.01	1.76	4
38160054+	38160053	5.35	117 3-	1/0 ACSR 6/1	1381	1287	1121	318	516	11	5	0.01	1.77	3
38160055+	38160054	5.39	116 3-	1/0 ACSR 6/1	1375	1280	1115	318	515	11	5	0.01	1.77	2
D38-16-P005+	38160055	5.39	116 3-	REC-70-E	1375	1280	1115	318	515	11	17	0.00	1.77	0
38160005+	D38-16-P005	5.45	116 3-	1/0 ACSR 6/1	1365	1271	1106	317	515	11	5	0.01	1.78	3
38160059+	38160005	5.53	112 3-	1/0 ACSR 6/1	1354	1260	1096	317	498	11	5	0.01	1.78	4
38160060+	38160059	5.62	110 3-	1/0 ACSR 6/1	1341	1247	1084	316	490	11	5	0.01	1.79	4
38160061+	38160060	5.69	107 3-	1/0 ACSR 6/1	1331	1237	1075	315	481	10	5	0.01	1.80	3
38150037+	38160061	5.79	105 3-	1/0 ACSR 6/1	1318	1223	1062	314	473	10	5	0.01	1.81	4
38150041+	38150037	5.85	99 3-	1/0 ACSR 6/1	1309	1215	1054	314	450	10	4	0.01	1.81	2
38150029+	38150041	5.95	1 1-	2 ACSR 6/1	0	0	1040	312	7	0	0	0.00	1.03	0
38150028+	38150041	5.92	97 3-	1/0 ACSR 6/1	1300	1205	1045	313	436	9	4	0.01	1.82	3
38150030+	38150028	6.00	92 3-	1/0 ACSR 6/1	1289	1194	1035	312	422	9	4	0.01	1.83	3
38150031+	38150030	6.15	81 3-	1/0 ACSR 6/1	1270	1175	1018	311	361	8	4	0.01	1.84	4
38150032+	38150031	6.75	78 3-	1/0 ACSR 6/1	1197	1103	952	305	352	7	3	0.06	1.87	16
38250002+	38150032	6.80	0 1-	2 ACSR 6/1	0	0	945	305	0	0	0	0.00	1.02	0
38250007+	38150032	6.84	78 3-	1/0 ACSR 6/1	1187	1093	942	305	352	7	3	0.01	1.88	2
38250008+	38250007	7.01	77 3-	1/0 ACSR 6/1	1167	1074	925	303	348	7	3	0.02	1.89	4
38250009+	38250008	7.12	76 3-	1/0 ACSR 6/1	1156	1062	915	302	338	7	3	0.01	1.90	3
38240047+	38250009	7.17	75 3-	336 ACSR 18/1	1153	1059	911	302	334	7	1	0.00	1.90	0
38240040+	38240047	7.24	71 3-	336 ACSR 18/1	1148	1055	907	302	323	7	1	0.00	1.90	0
38240041+	38240040	7.29	70 3-	336 ACSR 18/1	1145	1052	904	301	319	7	1	0.00	1.90	0
38240043+	38240041	7.39	65 3-	336 ACSR 18/1	1139	1046	898	301	287	6	1	0.00	1.90	0
38240046+	38240043	7.49	62 3-	336 ACSR 18/1	1133	1040	892	301	274	6	1	0.00	1.91	0
38240045+	38240046	7.56	44 3-	336 ACSR 18/1	1128	1035	887	300	200	4	1	0.00	1.91	0
38240027+	38240045	7.59	3 1-	2 ACSR 6/1	0	0	884	300	11	0	0	0.00	2.70	0
38240026+	38240045	7.60	1 1-	2 ACSR 6/1	0	0	882	300	9	0	0	0.00	2.70	0
38240028+	38240045	7.67	39 3-	336 ACSR 18/1	1121	1029	881	300	176	3	1	0.00	1.91	0
38240029+	38240028	7.73	38 3-	336 ACSR 18/1	1118	1025	877	300	171	3	1	0.00	1.91	0
38240030+	38240029	7.77	37 3-	336 ACSR 18/1	1116	1023	875	299	169	3	1	0.00	1.91	0
38240031+	38240030	7.87	35 3-	336 ACSR 18/1	1109	1017	869	299	157	3	1	0.00	1.91	0
38240033+	38240031	7.96	34 3-	336 ACSR 18/1	1104	1012	864	299	151	3	1	0.00	1.91	0
38240035+	38240033	8.01	32 3-	336 ACSR 18/1	1101	1009	861	298	143	3	1	0.00	1.91	0
38240036+	38240035	8.06	31 3-	336 ACSR 18/1	1098	1006	858	298	135	3	1	0.00	1.91	0
38240038+	38240036	8.25	30 3-	336 ACSR 18/1	1088	995	847	297	129	2	1	0.00	1.91	0
38240039+	38240038	8.31	29 3-	336 ACSR 18/1	1084	992	844	297	126	2	1	0.00	1.91	0
38230017+	38240039	8.41	22 3-	336 ACSR 18/1	1079	987	839	297	100	2	0	0.00	1.92	0
38230019+	38230017	8.46	1 1-	2 ACSR 6/1	0	0	833	296	6	0	0	0.00	1.00	0
38230018+	38230017	8.49	18 3-	336 ACSR 18/1	1074	982	834	296	88	1	0	0.00	1.92	0
38230021+	38230018	8.58	17 3-	336 ACSR 18/1	1069	978	830	296	81	1	0	0.00	1.92	0
38230022+	38230021	8.81	17 3-	336 ACSR 18/1	1057	965	817	295	81	1	0	0.00	1.92	0
38-23-P008-B+	38230022	8.81	17 3-	Closed	1057	965	817	295	81	1	0	0.00	1.92	0
38-23-P008-A+	38-23-P008-B	8.81	17 3-	Closed	1057	965	817	295	81	1	0	0.00	1.92	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38230023+	38-23-P008-A	8.90	17 3-	336 ACSR 18/1	1052	961	813	295	81	1	0	0.00	1.92	0
38230024+	38230023	9.00	15 3-	336 ACSR 18/1	1047	956	808	294	78	1	0	0.00	1.92	0
38230025+	38230024	9.07	1 1-	2 ACSR 6/1	0	0	802	293	8	0	0	0.00	2.04	0
38230002+	38230024	9.09	14 3-	336 ACSR 18/1	1042	951	804	294	70	1	0	0.00	1.92	0
38230026+	38230002	9.12	1 1-	2 ACSR 6/1	0	0	801	294	7	0	0	0.00	2.71	0
20852284+	38230002	10.13	13 3-	336 ACSR 18/1	991	902	755	290	63	1	0	0.01	1.92	0
20852285+	20852284	10.16	12 3-	336 ACSR 18/1	989	901	754	289	53	1	0	0.00	1.92	0
20852286+	20852285	10.42	11 3-	336 ACSR 18/1	977	889	743	288	46	1	0	0.00	1.92	0
20852288+	20852286	10.51	9 3-	336 ACSR 18/1	973	885	739	288	40	0	0	0.00	1.92	0
20850757+	20852288	10.59	7 3-	336 ACSR 18/1	970	882	736	288	34	0	0	0.00	1.92	0
20850758+	20850757	10.64	6 3-	336 ACSR 18/1	967	879	733	287	26	0	0	0.00	1.92	0
20850759+	20850758	10.69	5 3-	336 ACSR 18/1	965	877	732	287	24	0	0	0.00	1.92	0
20850736+	20850759	10.77	4 3-	336 ACSR 18/1	962	874	728	287	19	0	0	0.00	1.92	0
38320010+	20850736	10.80	1 1-	2 ACSR 6/1	0	0	726	287	5	0	0	0.00	2.06	0
38320008+	20850736	10.93	3 3-	336 ACSR 18/1	955	867	722	286	14	0	0	0.00	1.93	0
20850737+	38320008	10.99	3 3-	336 ACSR 18/1	952	865	719	286	14	0	0	0.00	1.93	0
37390046+	20850737	11.05	2 3-	336 ACSR 18/1	949	862	717	286	8	0	0	0.00	1.93	0
37390028+	37390046	11.14	1 3-	336 ACSR 18/1	945	859	714	285	7	0	0	0.00	1.93	0
37390029+	37390028	11.36	1 3-	336 ACSR 18/1	936	850	705	285	7	0	0	0.00	1.93	0
37390030+	37390029	11.42	1 3-	336 ACSR 18/1	933	847	703	284	7	0	0	0.00	1.93	0
37390031+	37390030	11.50	0 3-	336 ACSR 18/1	930	844	700	284	0	0	0	0.00	1.93	0
37-39-P008-A+	37390031	11.50	0 3-	Open	930	844	700	284	0	0	0	0.00	1.93	0
20852287+	20852286	10.45	2 1-	2 ACSR 6/1	0	0	740	288	6	0	0	0.00	2.06	0
38320006+	20852287	10.54	1 1-	2 ACSR 6/1	0	0	734	287	2	0	0	0.00	2.06	0
38230020+	38230018	8.54	1 1-	2 ACSR 6/1	0	0	830	296	7	0	0	0.00	1.00	0
38230015+	38240039	8.34	3 1-	2 ACSR 6/1	0	0	842	297	10	0	0	0.00	2.71	0
38230016+	38230015	8.36	2 1-	2 ACSR 6/1	0	0	839	297	6	0	0	0.00	2.71	0
38240037+	38240036	8.11	1 1-	2 ACSR 6/1	0	0	853	298	6	0	0	0.00	2.03	0
38240034+	38240033	8.01	1 1-	2 ACSR 6/1	0	0	859	298	6	0	0	0.00	1.00	0
38240032+	38240031	7.90	0 1-	2 ACSR 6/1	0	0	866	299	0	0	0	0.00	1.00	0
38240044+	38240046	7.52	14 1-	2 ACSR 6/1	0	0	888	300	60	4	2	0.00	2.02	0
D38-24-P013+	38240044	7.52	13 1-	REC-50-E	0	0	888	300	51	3	7	0.00	2.02	0
38240024+	D38-24-P013	7.98	13 1-	2 ACSR 6/1	0	0	841	295	51	3	2	0.02	2.05	0
38140009+	38240024	8.05	13 1-	2 ACSR 6/1	0	0	834	294	51	3	2	0.00	2.05	0
38140010+	38140009	8.13	3 1-	2 ACSR 6/1	0	0	826	293	6	0	0	0.00	2.05	0
38140003+	38140009	8.27	10 1-	2 ACSR 6/1	0	0	813	291	45	3	2	0.01	2.06	0
38140011+	38140003	8.30	1 1-	2 ACSR 6/1	0	0	811	291	4	0	0	0.00	2.06	0
38140012+	38140011	8.84	1 1-	2 ACSR 6/1	0	0	764	285	4	0	0	0.00	2.06	0
38140004+	38140003	8.99	9 1-	2 ACSR 6/1	0	0	752	283	42	2	2	0.03	2.09	0
38130016+	38140004	9.54	5 1-	2 ACSR 6/1	0	0	711	278	18	1	1	0.01	2.10	0
38130017+	38130016	9.58	2 1-	2 ACSR 6/1	0	0	708	277	3	0	0	0.00	2.10	0
38130018+	38130016	9.78	2 1-	2 ACSR 6/1	0	0	694	275	6	0	0	0.00	2.10	0
38120004+	38130018	9.94	1 1-	2 ACSR 6/1	0	0	683	274	0	0	0	0.00	2.10	0
38120003+	38130018	9.91	1 1-	2 ACSR 6/1	0	0	686	274	6	0	0	0.00	2.10	0
38130011+	38140004	9.16	4 1-	2 ACSR 6/1	0	0	739	282	24	1	1	0.00	2.09	0
38130012+	38130011	9.20	4 1-	2 ACSR 6/1	0	0	736	281	24	1	1	0.00	2.09	0
38130013+	38130012	9.24	3 1-	2 ACSR 6/1	0	0	733	281	17	1	1	0.00	2.10	0
38130014+	38130013	9.28	2 1-	2 ACSR 6/1	0	0	730	280	16	1	1	0.00	2.10	0
38130015+	38130014	9.33	1 1-	2 ACSR 6/1	0	0	726	280	8	0	0	0.00	2.10	0
38130002+	38130014	9.34	0 1-	2 ACSR 6/1	0	0	726	280	0	0	0	0.00	2.10	0
38240025+	38240046	7.62	1 1-	2 ACSR 6/1	0	0	878	299	8	0	0	0.00	1.01	0
38240042+	38240041	7.37	1 1-	2 ACSR 6/1	0	0	894	300	11	0	0	0.00	2.01	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38150046+	38150031	6.27	1 1-	2 ACSR 6/1	0	0	1001	309	5	0	0	0.00	1.03	0
38250006+	38150046	6.30	1 1-	2 ACSR 6/1	0	0	997	309	5	0	0	0.00	1.03	0
38250010+	38250006	6.33	0 1-	2 ACSR 6/1	0	0	994	309	0	0	0	0.00	1.03	0
38150027+	38150030	6.06	8 1-	2 ACSR 6/1	0	0	1027	311	45	3	2	0.00	2.56	0
D38-15-P016+	38150027	6.06	8 1-	FUS-50-E	0	0	1027	311	45	3	7	0.00	2.56	0
38150002+	D38-15-P016	6.23	8 1-	2 ACSR 6/1	0	0	1004	309	45	3	2	0.01	2.57	0
38150034+	38150002	6.28	6 1-	2 ACSR 6/1	0	0	996	309	39	2	1	0.00	2.57	0
38150035+	38150034	6.32	5 1-	2 ACSR 6/1	0	0	992	308	36	2	1	0.00	2.57	0
38150042+	38150035	6.38	3 1-	2 ACSR 6/1	0	0	983	307	22	1	1	0.00	2.57	0
38150043+	38150042	6.49	2 1-	2 ACSR 6/1	0	0	969	306	14	0	1	0.00	2.57	0
38150045+	38150043	6.82	1 1-	2 ACSR 6/1	0	0	928	302	8	0	0	0.00	2.58	0
38150044+	38150043	6.61	1 1-	2 ACSR 6/1	0	0	953	304	6	0	0	0.00	2.58	0
38150033+	38150002	6.26	2 1-	2 ACSR 6/1	0	0	999	309	7	0	0	0.00	2.57	0
38150026+	38150028	6.02	2 1-	2 ACSR 6/1	0	0	1031	312	10	0	0	0.00	1.88	0
38150025+	38150028	5.98	3 1-	2 ACSR 6/1	0	0	1037	312	4	0	0	0.00	1.88	0
38150039+	38150037	5.88	4 1-	2 ACSR 6/1	0	0	1048	313	18	1	1	0.00	1.87	0
38150040+	38150039	5.95	3 1-	2 ACSR 6/1	0	0	1039	312	11	0	0	0.00	1.87	0
38150038+	38150037	5.83	2 1-	2 ACSR 6/1	0	0	1056	314	5	0	0	0.00	2.53	0
38150036+	38160061	5.73	1 1-	2 ACSR 6/1	0	0	1068	314	7	0	0	0.00	1.85	0
38160056+	38160005	5.49	4 1-	2 ACSR 6/1	0	0	1100	317	18	1	1	0.00	1.82	0
38160057+	38160056	5.53	3 1-	2 ACSR 6/1	0	0	1094	316	15	0	1	0.00	1.82	0
38160058+	38160057	5.60	1 1-	2 ACSR 6/1	0	0	1083	315	6	0	0	0.00	1.83	0
38160052+	38160006	5.28	9 3-	1/0 ACSR 6/1	1391	1297	1131	319	38	0	0	0.00	1.75	0
38160047+	38160052	5.30	7 3-	1/0 ACSR 6/1	1389	1295	1129	319	29	0	0	0.00	1.76	0
38-16-P009-B+	38160047	5.30	7 3-	Closed	1389	1295	1129	319	29	0	0	0.00	1.76	0
38-16-P009-A+	38-16-P009-B	5.30	7 3-	Closed	1389	1295	1129	319	29	0	0	0.00	1.76	0
38160048+	38-16-P009-A	5.34	7 3-	1/0 ACSR 6/1	1382	1288	1123	318	29	0	0	0.00	1.76	0
38160049+	38160048	5.39	5 3-	1/0 ACSR 6/1	1375	1281	1116	318	17	0	0	0.00	1.76	0
38160050+	38160049	5.44	4 3-	1/0 ACSR 6/1	1367	1273	1108	317	13	0	0	0.00	1.76	0
D38-16-P012+	38160050	5.44	4 1-	REC-50-E	0	0	1108	317	13	0	2	0.00	2.44	0
38160051+	D38-16-P012	5.48	4 1-	2 ACSR 6/1	0	0	1101	317	13	0	1	0.00	2.44	0
38160068+	38160051	5.69	3 1-	2 ACSR 6/1	0	0	1069	314	10	0	0	0.00	2.44	0
38060003+	38160068	5.73	2 1-	2 ACSR 6/1	0	0	1062	314	3	0	0	0.00	2.44	0
38060004+	38060003	5.92	1 1-	2 ACSR 6/1	0	0	1035	311	3	0	0	0.00	2.44	0
38160069+	38160050	5.47	0 3-	1/0 ACSR 6/1	1363	1269	1104	317	0	0	0	0.00	1.76	0
38160070+	38160069	5.54	0 3-	1/0 ACSR 6/1	1352	1258	1094	316	0	0	0	0.00	1.76	0
38160013+	38160011	4.92	4 1-	2 ACSR 6/1	0	0	1183	322	12	0	0	0.00	1.05	0
38160014+	38160013	4.99	2 1-	2 ACSR 6/1	0	0	1171	321	7	0	0	0.00	1.05	0
38160012+	38160011	4.91	6 1-	2 ACSR 6/1	0	0	1185	322	29	1	1	0.00	1.05	0
38160017+	38160012	4.93	2 1-	2 ACSR 6/1	0	0	1182	322	10	0	0	0.00	1.05	0
38160016+	38160012	4.93	3 1-	2 ACSR 6/1	0	0	1182	322	19	1	1	0.00	1.05	0
38160015+	38160016	4.95	2 1-	2 ACSR 6/1	0	0	1179	322	10	0	0	0.00	1.05	0
38170016+	38170015	4.38	1 1-	2 ACSR 6/1	0	0	1275	327	8	0	0	0.00	1.04	0
38170043+	38170045	4.17	3 1-	2 ACSR 6/1	0	0	1316	329	4	0	0	0.00	1.63	0
38170040+	38170039	4.00	2 1-	2 ACSR 6/1	0	0	1348	331	11	0	0	0.00	1.03	0
38170037+	38170049	3.94	1 1-	2 ACSR 6/1	0	0	1360	332	2	0	0	0.00	2.12	0
38170052+	38170021	3.54	3 3-	1/0 ACSR 6/1	1708	1625	1448	336	1569	37	16	0.02	1.55	23
38170380+	38170052	3.54	2 3-	Consumer	1708	1625	1448	336	1564	37	0	0.00	1.55	0
38170055+	38170052	3.55	1 1-	2 ACSR 6/1	0	0	1446	336	4	0	0	0.00	1.57	0
38170054+	38170052	3.89	0 3-	1/0 ACSR 6/1	1636	1549	1373	332	0	0	0	0.00	1.55	0
38080006+	38080028	2.97	1 1-	2 ACSR 6/1	0	0	1593	342	0	0	0	0.00	1.28	0
38080040+	38080041	2.83	1 1-	2 ACSR 6/1	0	0	1629	343	4	0	0	0.00	1.20	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38180070+	38180092	1.22	2 3-	2 ACSR 6/1	2345	2322	2216	358	64	1	1	0.00	0.40	0
38180072+	38180070	1.27	0 3-	2 ACSR 6/1	2328	2302	2192	358	0	0	0	0.00	0.40	0
38180069+	38180072	1.27	0 1-	2 ACSR 6/1	0	0	2190	358	0	0	0	0.00	0.23	0
38180071+	38180070	1.44	2 3-	2 ACSR 6/1	2262	2227	2103	355	64	1	1	0.00	0.41	0
38180062+	38180012	0.98	2 3-	266 ACSR 18/1	2431	2420	2340	361	509	11	3	0.00	0.34	0
38180360+	38180062	0.98	2 3-	Consumer	2431	2420	2340	361	509	11	0	0.00	0.34	0
D38-18-P051+	38180062	0.98	0 3-	REC-100-E	2431	2420	2340	361	0	0	0	0.00	0.34	0
38180073+	D38-18-P051	1.00	0 3-	266 ACSR 18/1	2423	2410	2328	360	0	0	0	0.00	0.34	0
38180065+	38180073	1.08	0 3-	266 ACSR 18/1	2397	2382	2291	360	0	0	0	0.00	0.34	0
38180056+	38180065	1.09	0 3-	266 ACSR 18/1	2393	2377	2285	360	0	0	0	0.00	0.34	0
38180011+	38180073	1.03	0 3-	266 ACSR 18/1	2415	2402	2317	360	0	0	0	0.00	0.34	0
38180063+	38180011	1.11	0 3-	266 ACSR 18/1	2386	2369	2275	360	0	0	0	0.00	0.34	0
38180010+	38180011	1.04	0 3-	266 ACSR 18/1	2411	2397	2310	360	0	0	0	0.00	0.34	0
CKT 2 total losses:	\$3,040													

SUB 103, CKT 3

BK103-03+	CHAD(103)	0.00	112 3-	BK10303	2811	2849	2941	367	461	10	7	0.00	0.00	0
38280012+	BK103-03	0.02	112 3-	4/0 ACSR 6/1	2802	2839	2926	367	461	10	3	0.00	0.00	0
38-28-P095-B+	38280012	0.02	112 3-	Closed	2802	2839	2926	367	461	10	0	0.00	0.00	0
38-28-P095-A+	38-28-P095-B	0.02	112 3-	Closed	2802	2839	2926	367	461	10	0	0.00	0.00	0
38280014+	38-28-P095-A	0.04	112 3-	4/0 ACSR 6/1	2795	2831	2913	367	461	10	3	0.00	0.00	0
38280057+	38280014	0.08	110 3-	4/0 ACSR 6/1	2779	2813	2886	366	454	10	3	0.00	0.00	0
38280086+	38280057	0.22	110 3-	4/0 ACSR 6/1	2718	2744	2783	365	454	10	3	0.01	0.01	2
38290066+	38280086	0.29	107 3-	4/0 ACSR 6/1	2691	2713	2738	365	443	9	3	0.00	0.01	0
38290067+	38290066	0.35	106 3-	4/0 ACSR 6/1	2666	2685	2697	364	440	9	3	0.00	0.02	0
38290068+	38290067	0.41	105 3-	4/0 ACSR 6/1	2645	2660	2663	364	434	9	3	0.00	0.02	0
38290070+	38290068	0.47	101 3-	4/0 ACSR 6/1	2620	2632	2623	363	418	9	3	0.00	0.02	0
38290071+	38290070	0.57	99 3-	4/0 ACSR 6/1	2585	2592	2567	363	413	9	3	0.00	0.03	1
38290072+	38290071	0.63	97 3-	4/0 ACSR 6/1	2563	2567	2533	362	399	8	3	0.00	0.03	0
38290079+	38290072	0.72	90 3-	4/0 ACSR 6/1	2529	2528	2479	362	366	8	2	0.00	0.03	0
38290080+	38290079	0.77	87 3-	4/0 ACSR 6/1	2511	2507	2452	361	353	7	2	0.00	0.03	0
38290088+	38290080	0.80	81 3-	4/0 ACSR 6/1	2500	2494	2435	361	320	7	2	0.00	0.03	0
38290087+	38290088	0.85	76 3-	4/0 ACSR 6/1	2482	2474	2408	361	306	6	2	0.00	0.04	0
38290097+	38290087	0.93	72 3-	4/0 ACSR 6/1	2456	2444	2369	360	298	6	2	0.00	0.04	0
38290099+	38290097	0.96	70 3-	4/0 ACSR 6/1	2444	2431	2351	360	287	6	2	0.00	0.04	0
38290100+	38290099	1.06	66 3-	4/0 ACSR 6/1	2413	2396	2306	359	273	6	2	0.00	0.04	0
38290092+	38290100	1.11	10 1-	2 ACSR 6/1	0	0	2275	358	38	2	1	0.00	0.04	0
38290093+	38290092	1.14	6 1-	2 ACSR 6/1	0	0	2261	358	33	2	1	0.00	0.04	0
38290094+	38290093	1.16	2 1-	2 ACSR 6/1	0	0	2247	358	17	1	1	0.00	0.05	0
38290095+	38290100	1.13	55 3-	4/0 ACSR 6/1	2388	2368	2270	359	226	5	1	0.00	0.04	0
38290090+	38290095	1.24	44 3-	4/0 ACSR 6/1	2356	2331	2223	358	190	4	1	0.00	0.04	0
38290104+	38290090	1.27	1 1-	2 ACSR 6/1	0	0	2203	357	9	0	0	0.00	0.05	0
38290105+	38290104	1.36	1 1-	2 ACSR 6/1	0	0	2157	356	9	0	0	0.00	0.05	0
38290101+	38290090	1.31	3 1-	2 ACSR 6/1	0	0	2182	357	4	0	0	0.00	0.04	0
38290102+	38290101	1.34	1 1-	2 ACSR 6/1	0	0	2167	356	1	0	0	0.00	0.04	0
38290103+	38290102	1.38	0 1-	2 ACSR 6/1	0	0	2149	356	0	0	0	0.00	0.04	0
38290091+	38290090	1.30	39 3-	4/0 ACSR 6/1	2336	2309	2195	358	170	3	1	0.00	0.05	0
38290106+	38290091	1.32	6 1-	2 ACSR 6/1	0	0	2186	357	15	1	1	0.00	0.04	0
38290112+	38290106	1.43	6 1-	2 ACSR 6/1	0	0	2128	356	15	1	1	0.00	0.04	0
38290113+	38290112	1.46	5 1-	2 ACSR 6/1	0	0	2109	355	12	0	0	0.00	0.04	0
38190013+	38290113	1.49	4 1-	2 ACSR 6/1	0	0	2095	355	9	0	0	0.00	0.04	0
38290107+	38290091	1.38	33 3-	4/0 ACSR 6/1	2313	2283	2162	357	155	3	1	0.00	0.05	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38290109+	38290107	1.42	30 3-	4/0 ACSR 6/1	2298	2266	2142	357	138	3	1	0.00	0.05	0
38290108+	38290109	1.52	21 3-	4/0 ACSR 6/1	2271	2235	2103	356	104	2	1	0.00	0.05	0
38190014+	38290108	1.53	20 3-	4/0 ACSR 6/1	2269	2233	2100	356	98	2	1	0.00	0.05	0
38-19-P024-B+	38190014	1.53	20 3-	Closed	2269	2233	2100	356	98	2	0	0.00	0.05	0
38-19-P024-A+	38-19-P024-B	1.53	20 3-	Closed	2269	2233	2100	356	98	2	0	0.00	0.05	0
38190005+	38-19-P024-A	1.55	20 3-	4/0 ACSR 6/1	2261	2224	2090	356	98	2	1	0.00	0.05	0
38190018+	38190005	1.60	1 1-	2 ACSR 6/1	0	0	2067	355	4	0	0	0.00	0.05	0
38190004+	38190005	1.62	19 3-	4/0 ACSR 6/1	2242	2203	2064	355	93	2	1	0.00	0.05	0
D39-12-P002+	38190004	1.62	4 1-	REC-50-E	0	0	2064	355	13	0	2	0.00	0.05	0
39120028+	D39-12-P002	1.74	4 1-	2 ACSR 6/1	0	0	2006	353	13	0	0	0.00	0.05	0
38190015+	39120028	1.78	3 1-	2 ACSR 6/1	0	0	1989	353	2	0	0	0.00	0.05	0
38190017+	38190015	1.83	0 1-	2 ACSR 6/1	0	0	1964	352	0	0	0	0.00	0.05	0
38190016+	38190015	1.91	1 1-	2 ACSR 6/1	0	0	1928	351	1	0	0	0.00	0.05	0
39120043+	38190004	1.67	6 3-	4/0 ACSR 6/1	2226	2185	2042	355	46	1	0	0.00	0.05	0
39120044+	39120043	1.77	4 3-	4/0 ACSR 6/1	2197	2153	2004	354	38	0	0	0.00	0.05	0
39120031+	39120044	1.92	3 3-	4/0 ACSR 6/1	2157	2109	1951	353	31	0	0	0.00	0.05	0
39120032+	39120031	1.97	0 1-	2 ACSR 6/1	0	0	1929	352	0	0	0	0.00	0.05	0
39120007+	39120031	2.60	3 3-	4/0 ACSR 6/1	1989	1925	1738	348	31	0	0	0.00	0.05	0
39120009+	39120007	2.77	1 3-	4/0 ACSR 6/1	1952	1884	1693	347	8	0	0	0.00	0.05	0
39120029+	39120009	2.84	1 1-	2 ACSR 6/1	0	0	1669	346	8	0	0	0.00	0.05	0
39120010+	39120009	3.14	0 3-	4/0 ACSR 6/1	1872	1800	1599	345	0	0	0	0.00	0.05	0
39-13-P005-B+	39120010	3.14	0 3-	Open	1872	1800	1599	345	0	0	0	0.00	0.05	0
39120008+	39120007	2.71	2 1-	2 ACSR 6/1	0	0	1699	347	23	1	1	0.00	0.06	0
D39-12-P062+	39120008	2.71	2 1-	REC-35-E	0	0	1699	347	23	1	4	0.00	0.06	0
39120030+	D39-12-P062	2.74	2 1-	2 ACSR 6/1	0	0	1688	346	23	1	1	0.00	0.06	0
39120002+	39120030	2.94	0 1-	2 ACSR 6/1	0	0	1625	343	0	0	0	0.00	0.06	0
39120033+	39120002	3.11	0 1-	2 ACSR 6/1	0	0	1571	341	0	0	0	0.00	0.06	0
39120034+	39120033	3.18	0 1-	2 ACSR 6/1	0	0	1548	340	0	0	0	0.00	0.06	0
39120035+	39120034	3.24	0 1-	2 ACSR 6/1	0	0	1529	339	0	0	0	0.00	0.06	0
39120037+	39120035	3.38	0 1-	2 ACSR 6/1	0	0	1492	337	0	0	0	0.00	0.06	0
39120036+	39120035	3.34	0 1-	2 ACSR 6/1	0	0	1501	337	0	0	0	0.00	0.06	0
39020004+	39120036	3.63	0 1-	2 ACSR 6/1	0	0	1423	333	0	0	0	0.00	0.06	0
39020005+	39020004	3.65	0 1-	2 ACSR 6/1	0	0	1418	333	0	0	0	0.00	0.06	0
39020006+	39020005	3.67	0 1-	2 ACSR 6/1	0	0	1412	333	0	0	0	0.00	0.06	0
39120038+	39120034	3.28	0 1-	2 ACSR 6/1	0	0	1520	338	0	0	0	0.00	0.06	0
39120039+	39120038	3.44	0 1-	2 ACSR 6/1	0	0	1475	336	0	0	0	0.00	0.06	0
39120040+	38190004	1.68	9 1-	2 ACSR 6/1	0	0	2035	354	35	2	1	0.00	0.05	0
39120041+	39120040	1.73	7 1-	2 ACSR 6/1	0	0	2012	354	22	1	1	0.00	0.05	0
39120042+	39120041	1.77	3 1-	2 ACSR 6/1	0	0	1993	353	7	0	0	0.00	0.05	0
38290110+	38290109	1.46	4 1-	2 ACSR 6/1	0	0	2124	356	11	0	0	0.00	0.04	0
38290111+	38290110	1.50	3 1-	2 ACSR 6/1	0	0	2101	355	9	0	0	0.00	0.04	0
39220002+	38290111	1.56	1 1-	2 ACSR 6/1	0	0	2073	355	5	0	0	0.00	0.04	0
38290096+	38290095	1.18	7 1-	2 ACSR 6/1	0	0	2246	358	21	1	1	0.00	0.04	0
38290089+	38290096	1.21	2 1-	2 ACSR 6/1	0	0	2229	358	8	0	0	0.00	0.04	0
38290098+	38290097	0.98	2 1-	2 ACSR 6/1	0	0	2337	359	11	0	0	0.00	0.04	0
38290086+	38290088	0.87	3 1-	2 ACSR 6/1	0	0	2395	360	5	0	0	0.00	0.03	0
38290083+	38290086	0.89	3 1-	2 ACSR 6/1	0	0	2380	360	5	0	0	0.00	0.03	0
38290084+	38290083	0.95	3 1-	2 ACSR 6/1	0	0	2345	359	5	0	0	0.00	0.03	0
38290085+	38290088	0.86	1 1-	2 ACSR 6/1	0	0	2399	360	7	0	0	0.00	0.03	0
38290060+	38290080	0.79	4 1-	2 ACSR 6/1	0	0	2441	361	12	0	0	0.00	0.03	0
38290073+	38290072	0.67	4 1-	2 ACSR 6/1	0	0	2503	362	27	1	1	0.00	0.02	0
38290076+	38290073	0.73	3 1-	2 ACSR 6/1	0	0	2460	361	14	0	1	0.00	0.02	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
38290078+	38290076	0.83	1 1-	2 ACSR 6/1	0	0	2398	359	2	0	0	0.00	0.02	0
38290077+	38290076	0.77	2 1-	2 ACSR 6/1	0	0	2438	360	12	0	0	0.00	0.02	0
38290074+	38290073	0.74	1 1-	2 ACSR 6/1	0	0	2457	361	14	0	1	0.00	0.02	0
38290075+	38290074	0.83	0 1-	2 ACSR 6/1	0	0	2398	359	0	0	0	0.00	0.02	0
38290069+	38290068	0.45	3 1-	2 ACSR 6/1	0	0	2631	363	9	0	0	0.00	0.01	0
38280069+	38280014	0.16	2 1-	2 ACSR 6/1	0	0	2815	365	6	0	0	0.00	0.00	0
CKT 3 total losses:		\$3												
SUB 103, CKT 4														
BK103-04+	CHAD(103)	0.00	808 3-	BK10304	2811	2849	2941	367	4470	98	66	0.00	0.00	0
38280013+	BK103-04	0.04	808 3-	4/0 ACSR 6/1	2796	2832	2915	367	4470	98	29	0.01	0.01	51
38-28-P039-B+	38280013	0.04	808 3-	Closed	2796	2832	2915	367	4469	98	0	0.00	0.01	0
38-28-P039-A+	38-28-P039-B	0.04	808 3-	Closed	2796	2832	2915	367	4469	98	0	0.00	0.01	0
38280059+	38-28-P039-A	0.08	808 3-	4/0 ACSR 6/1	2778	2812	2885	366	4469	98	29	0.01	0.03	59
38280060+	38280059	0.14	1 1-	2 ACSR 6/1	0	0	2830	365	8	0	0	0.00	0.02	0
38280058+	38280059	0.12	806 3-	4/0 ACSR 6/1	2758	2790	2851	366	4450	98	29	0.01	0.05	68
D38-28-P034+	38280058	0.12	4 1-	FUS-30	0	0	2851	366	27	1	7	0.00	0.04	0
38280101+	D38-28-P034	0.23	4 1-	2 ACSR 6/1	0	0	2768	364	27	1	1	0.00	0.04	0
38280061+	38280101	0.26	2 1-	2 ACSR 6/1	0	0	2742	364	15	1	1	0.00	0.04	0
38280063+	38280061	0.29	0 1-	2 ACSR 6/1	0	0	2719	363	0	0	0	0.00	0.04	0
38280062+	38280061	0.30	1 1-	2 ACSR 6/1	0	0	2708	363	8	0	0	0.00	0.04	0
38280064+	38280058	0.16	802 3-	4/0 ACSR 6/1	2742	2771	2823	366	4422	97	29	0.01	0.06	56
38280065+	38280064	0.27	801 3-	4/0 ACSR 6/1	2700	2724	2753	365	4415	97	29	0.03	0.10	145
D38-28-P031+	38280065	0.27	1 1-	FUS-30	0	0	2753	365	6	0	2	0.00	0.08	0
38280100+	D38-28-P031	0.29	1 1-	2 ACSR 6/1	0	0	2735	365	6	0	0	0.00	0.08	0
38280066+	38280065	0.50	800 3-	4/0 ACSR 6/1	2611	2622	2608	363	4408	97	29	0.06	0.19	322
D38-28-P024+	38280066	0.50	1 1-	FUS-30	0	0	2608	363	3	0	1	0.00	0.14	0
38280099+	D38-28-P024	0.56	1 1-	2 ACSR 6/1	0	0	2564	362	3	0	0	0.00	0.14	0
38280067+	38280066	0.57	799 3-	4/0 ACSR 6/1	2583	2589	2563	363	4402	97	29	0.02	0.22	106
38280084+	38280067	0.73	779 3-	4/0 ACSR 6/1	2527	2525	2476	362	4140	91	27	0.03	0.27	195
D38-28-P009+	38280084	0.73	1 1-	FUS-30	0	0	2476	362	6	0	2	0.00	0.42	0
38280098+	D38-28-P009	0.75	1 1-	2 ACSR 6/1	0	0	2462	361	6	0	0	0.00	0.42	0
38280085+	38280084	0.82	778 3-	4/0 ACSR 6/1	2493	2486	2424	361	4132	91	27	0.02	0.31	122
D38-28-P148+	38280085	0.82	4 1-	FUS-40	0	0	2424	361	15	1	3	0.00	0.24	0
38280102+	D38-28-P148	0.84	4 1-	2 ACSR 6/1	0	0	2414	361	15	1	1	0.00	0.24	0
38280074+	38280102	0.88	2 1-	2 ACSR 6/1	0	0	2387	360	6	0	0	0.00	0.24	0
38280073+	38280085	0.86	1 1-	2 ACSR 6/1	0	0	2403	360	0	0	0	0.00	0.24	0
38280010+	38280085	0.98	773 3-	4/0 ACSR 6/1	2438	2424	2342	360	4115	91	27	0.04	0.36	200
D38-28-P001+	38280010	0.98	6 1-	FUS-40	0	0	2342	360	29	1	5	0.00	0.56	0
38280097+	D38-28-P001	1.01	6 1-	2 ACSR 6/1	0	0	2326	359	29	1	1	0.00	0.56	0
38280075+	38280097	1.04	3 1-	2 ACSR 6/1	0	0	2308	359	21	1	1	0.00	0.57	0
38280076+	38280075	1.07	2 1-	2 ACSR 6/1	0	0	2291	358	16	1	1	0.00	0.57	0
38280011+	38280010	1.04	767 3-	4/0 ACSR 6/1	2420	2404	2316	359	4084	90	27	0.01	0.38	66
D38-27-P042+	38280011	1.04	1 1-	FUS-30	0	0	2316	359	7	0	2	0.00	0.59	0
38270038+	D38-27-P042	1.07	1 1-	2 ACSR 6/1	0	0	2299	359	7	0	0	0.00	0.59	0
38270004+	38280011	1.12	766 3-	4/0 ACSR 6/1	2393	2373	2276	359	4076	90	27	0.02	0.41	102
38270053+	38270004	1.16	50 1-	2 ACSR 6/1	0	0	2253	358	236	15	9	0.01	0.65	2
D38-27-P029+	38270053	1.16	47 1-	REC-50-E	0	0	2253	358	229	15	31	0.00	0.65	0
38270054+	D38-27-P029	1.19	47 1-	2 ACSR 6/1	0	0	2235	358	229	15	9	0.01	0.66	1
38270055+	38270054	1.22	45 1-	2 ACSR 6/1	0	0	2232	357	221	14	8	0.00	0.66	0
38270061+	38270055	1.25	43 1-	2 ACSR 6/1	0	0	2204	357	202	13	8	0.01	0.67	0
38270042+	38270061	1.29	8 1-	2 ACSR 6/1	0	0	2182	356	43	2	2	0.00	0.67	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38270041+	38270042	1.30	3 1-	2 ACSR 6/1	0	0	2175	356	15	1	1	0.00	0.67	0
38270037+	38270041	1.35	2 1-	2 ACSR 6/1	0	0	2151	355	8	0	0	0.00	0.67	0
38270036+	38270061	1.29	32 1-	2 ACSR 6/1	0	0	2181	356	143	9	5	0.01	0.67	0
38370053+	38270036	1.35	2 1-	2 ACSR 6/1	0	0	2151	355	10	0	0	0.00	0.68	0
38370052+	38270036	1.37	28 1-	2 ACSR 6/1	0	0	2142	355	133	8	5	0.01	0.68	0
38370061+	38370052	1.44	23 1-	2 ACSR 6/1	0	0	2105	354	111	7	4	0.01	0.69	0
38370062+	38370061	1.48	22 1-	2 ACSR 6/1	0	0	2085	353	106	7	4	0.00	0.70	0
20852290+	38370062	1.51	4 1-	2 ACSR 6/1	0	0	2065	353	11	0	0	0.00	0.70	0
20850965+	38370062	1.55	18 1-	2 ACSR 6/1	0	0	2045	352	95	6	4	0.01	0.70	0
20852291+	20850965	1.63	14 1-	2 ACSR 6/1	0	0	2008	351	81	5	3	0.01	0.71	0
20852292+	20852291	1.67	14 1-	2 ACSR 6/1	0	0	1987	350	81	5	3	0.00	0.71	0
20852293+	20852292	1.82	12 1-	2 ACSR 6/1	0	0	1919	348	71	4	3	0.01	0.72	0
20852295+	20852293	1.84	5 1-	2 ACSR 6/1	0	0	1911	348	35	2	1	0.00	0.72	0
38370054+	20852295	1.88	2 1-	2 ACSR 6/1	0	0	1891	347	14	0	1	0.00	0.72	0
38370057+	20852295	1.95	1 1-	2 ACSR 6/1	0	0	1862	346	7	0	0	0.00	0.73	0
20852294+	20852293	1.89	6 1-	2 ACSR 6/1	0	0	1890	347	34	2	1	0.00	0.73	0
38370010+	20852294	2.00	1 1-	2 ACSR 6/1	0	0	1841	345	10	0	0	0.00	0.73	0
20852296+	20852294	1.94	5 1-	2 ACSR 6/1	0	0	1868	346	23	1	1	0.00	0.73	0
20852297+	20852296	1.98	4 1-	2 ACSR 6/1	0	0	1849	346	18	1	1	0.00	0.73	0
38370008+	20852297	2.06	2 1-	2 ACSR 6/1	0	0	1816	344	13	0	0	0.00	0.73	0
38370009+	38370008	2.12	1 1-	2 ACSR 6/1	0	0	1791	344	5	0	0	0.00	0.73	0
38370006+	20852297	2.02	2 1-	2 ACSR 6/1	0	0	1832	345	5	0	0	0.00	0.73	0
38370007+	38370006	2.07	0 1-	2 ACSR 6/1	0	0	1813	344	0	0	0	0.00	0.73	0
38370004+	20850965	1.57	4 1-	2 ACSR 6/1	0	0	2035	352	14	0	1	0.00	0.70	0
38370058+	38370004	1.62	2 1-	2 ACSR 6/1	0	0	2011	351	7	0	0	0.00	0.70	0
38270043+	38370058	1.65	1 1-	2 ACSR 6/1	0	0	1998	351	2	0	0	0.00	0.70	0
38270044+	38270043	1.75	1 1-	2 ACSR 6/1	0	0	1953	349	2	0	0	0.00	0.70	0
38370005+	38370004	1.60	0 1-	2 ACSR 6/1	0	0	2025	351	0	0	0	0.00	0.70	0
38370059+	38370052	1.43	2 1-	2 ACSR 6/1	0	0	2110	354	10	0	0	0.00	0.68	0
38370060+	38370059	1.47	1 1-	2 ACSR 6/1	0	0	2090	353	4	0	0	0.00	0.68	0
38270056+	38270055	1.28	1 1-	2 ACSR 6/1	0	0	2188	356	12	0	0	0.00	0.66	0
38270005+	38270004	1.20	716 3-	4/0 ACSR 6/1	2367	2344	2239	358	3839	84	25	0.02	0.44	85
D38-27-P024+	38270005	1.20	3 1-	FUS-50	0	0	2239	358	21	1	3	0.00	0.30	0
38270039+	D38-27-P024	1.23	3 1-	2 ACSR 6/1	0	0	2224	358	21	1	1	0.00	0.30	0
38270057+	38270039	1.25	1 1-	2 ACSR 6/1	0	0	2210	357	6	0	0	0.00	0.30	0
38270058+	38270005	1.22	8 1-	2 ACSR 6/1	0	0	2231	358	36	2	1	0.00	0.30	0
38270059+	38270058	1.24	7 1-	2 ACSR 6/1	0	0	2219	358	36	2	1	0.00	0.30	0
38270060+	38270059	1.27	3 1-	2 ACSR 6/1	0	0	2202	357	10	0	0	0.00	0.30	0
38270006+	38270005	1.29	705 3-	4/0 ACSR 6/1	2339	2312	2199	358	3781	83	25	0.02	0.46	95
D38-27-P018+	38270006	1.29	5 1-	FUS-30	0	0	2199	358	13	0	3	0.00	0.36	0
38270040+	D38-27-P018	1.31	5 1-	2 ACSR 6/1	0	0	2190	357	13	0	0	0.00	0.36	0
38270045+	38270040	1.34	1 1-	2 ACSR 6/1	0	0	2171	357	4	0	0	0.00	0.36	0
38270046+	38270006	1.36	700 3-	4/0 ACSR 6/1	2319	2290	2171	357	3768	83	25	0.01	0.48	65
38270047+	38270046	1.41	696 3-	4/0 ACSR 6/1	2302	2270	2146	357	3747	82	24	0.01	0.50	60
38-27-P095-B+	38270047	1.41	696 3-	Closed	2302	2270	2146	357	3746	82	0	0.00	0.50	0
38-27-P095-A+	38-27-P095-B	1.41	696 3-	Closed	2302	2270	2146	357	3746	82	0	0.00	0.50	0
38270050+	38-27-P095-A	1.46	696 3-	4/0 ACSR 6/1	2286	2253	2125	356	3746	82	24	0.01	0.52	51
38270051+	38270050	1.49	693 3-	4/0 ACSR 6/1	2279	2245	2115	356	3739	82	24	0.00	0.53	25
38270052+	38270051	1.70	692 3-	4/0 ACSR 6/1	2219	2178	2034	355	3732	82	24	0.04	0.59	209
38270035+	38270052	1.79	692 3-	4/0 ACSR 6/1	2192	2148	1997	354	3730	82	24	0.02	0.62	98
38270007+	38270035	1.95	692 3-	4/0 ACSR 6/1	2151	2102	1943	353	3729	82	24	0.03	0.67	154
20850009+	38270007	2.06	691 3-	4/0 ACSR 6/1	2121	2069	1904	352	3724	82	24	0.02	0.70	116

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D38-37-P004+	20850009	2.06	2 1-	FUS-30	0	0	1904	352	12	0	3	0.00	0.59	0
38370055+	D38-37-P004	2.09	2 1-	2 ACSR 6/1	0	0	1892	352	12	0	0	0.00	0.59	0
38370037+	20850009	2.22	689 3-	4/0 ACSR 6/1	2082	2026	1853	351	3712	82	24	0.03	0.75	155
D38-37-P001+	38370037	2.22	3 1-	FUS-40	0	0	1853	351	20	1	4	0.00	0.48	0
38370056+	D38-37-P001	2.33	3 1-	2 ACSR 6/1	0	0	1809	349	20	1	1	0.00	0.48	0
38370038+	38370037	2.31	685 3-	4/0 ACSR 6/1	2059	2001	1825	350	3685	81	24	0.02	0.78	91
D38-36-P052+	38370038	2.31	5 1-	FUS	0	0	1825	350	22	1	34	0.00	0.66	0
38360078+	D38-36-P052	2.36	5 1-	2 ACSR 6/1	0	0	1805	350	22	1	1	0.00	0.66	0
38370039+	38360078	2.44	2 1-	2 ACSR 6/1	0	0	1775	348	13	0	0	0.00	0.66	0
38360028+	38370038	2.39	680 3-	4/0 ACSR 6/1	2039	1979	1799	350	3661	81	24	0.01	0.80	81
38360029+	38360028	2.43	679 3-	4/0 ACSR 6/1	2029	1969	1788	350	3652	81	24	0.01	0.81	38
38360030+	38360029	2.48	678 3-	4/0 ACSR 6/1	2016	1955	1772	349	3652	81	24	0.01	0.83	53
38360061+	38360030	2.64	642 3-	4/0 ACSR 6/1	1981	1916	1728	348	3478	77	23	0.02	0.87	133
38360062+	38360061	2.65	641 3-	4/0 ACSR 6/1	1979	1914	1726	348	3470	77	23	0.00	0.87	8
38-36-P034-B+	38360062	2.65	641 3-	Closed	1979	1914	1726	348	3470	77	0	0.00	0.87	0
38-36-P034-A+	38-36-P034-B	2.65	641 3-	Closed	1979	1914	1726	348	3470	77	0	0.00	0.87	0
38360063+	38-36-P034-A	2.80	641 3-	4/0 ACSR 6/1	1944	1876	1683	347	3470	77	23	0.02	0.92	137
38360064+	38360063	2.92	640 3-	4/0 ACSR 6/1	1919	1849	1653	346	3468	77	23	0.02	0.95	99
D38-36-P028+	38360064	2.92	4 1-	FUS-40	0	0	1653	346	20	1	4	0.00	1.41	0
38360058+	D38-36-P028	2.94	4 1-	2 ACSR 6/1	0	0	1645	346	20	1	1	0.00	1.41	0
38360065+	38360058	2.97	3 1-	2 ACSR 6/1	0	0	1638	345	12	0	0	0.00	1.41	0
38360066+	38360065	3.00	1 1-	2 ACSR 6/1	0	0	1629	345	8	0	0	0.00	1.41	0
38360027+	38360064	3.00	636 3-	4/0 ACSR 6/1	1902	1831	1633	346	3447	76	23	0.01	0.97	70
D38-36-P015+	38360027	3.00	8 1-	REC-50-E	0	0	1633	346	55	3	7	0.00	0.87	0
38360067+	D38-36-P015	3.04	8 1-	2 ACSR 6/1	0	0	1620	345	55	3	2	0.00	0.87	0
38360068+	38360067	3.06	7 1-	2 ACSR 6/1	0	0	1613	345	49	3	2	0.00	0.87	0
38360069+	38360068	3.09	6 1-	2 ACSR 6/1	0	0	1605	344	39	2	1	0.00	0.87	0
38360070+	38360069	3.13	2 1-	2 ACSR 6/1	0	0	1593	344	14	0	1	0.00	0.87	0
38360026+	38360069	3.11	4 1-	2 ACSR 6/1	0	0	1598	344	25	1	1	0.00	0.88	0
20850739+	38360026	3.21	1 1-	2 ACSR 6/1	0	0	1567	342	8	0	0	0.00	0.88	0
20850738+	38360026	3.17	2 1-	2 ACSR 6/1	0	0	1580	343	13	0	0	0.00	0.88	0
38360023+	38360026	3.20	1 1-	2 ACSR 6/1	0	0	1570	342	4	0	0	0.00	0.88	0
20850873+	38360023	3.28	1 1-	2 ACSR 6/1	0	0	1546	341	4	0	0	0.00	0.88	0
20850872+	38360023	3.25	0 1-	2 ACSR 6/1	0	0	1557	342	0	0	0	0.00	0.88	0
38360034+	38360027	3.12	628 3-	4/0 ACSR 6/1	1876	1804	1603	345	3391	75	22	0.02	1.00	100
38360076+	38360034	3.16	2 1-	2 ACSR 6/1	0	0	1591	344	12	0	0	0.00	0.91	0
38360024+	38360034	3.16	626 3-	4/0 ACSR 6/1	1868	1795	1594	344	3378	75	22	0.01	1.01	32
38360077+	38360024	3.20	0 1-	2 ACSR 6/1	0	0	1583	344	0	0	0	0.00	0.63	0
38360073+	38360024	3.21	626 3-	4/0 ACSR 6/1	1858	1784	1582	344	3378	75	22	0.01	1.03	43
38360074+	38360073	3.25	624 3-	4/0 ACSR 6/1	1850	1775	1572	344	3370	74	22	0.01	1.04	33
38360075+	38360074	3.28	621 3-	4/0 ACSR 6/1	1844	1769	1566	344	3358	74	22	0.00	1.05	24
D38-36-P153+	38360075	3.28	621 3-	ER3-RVE-280/120	1844	1769	1566	344	3357	74	53	0.00	1.05	0
38360033+	D38-36-P153	3.51	621 3-	4/0 ACSR 6/1	1799	1722	1514	342	3357	74	22	0.04	1.11	187
38360025+	38360033	3.54	17 1-	2 ACSR 6/1	0	0	1506	341	115	7	4	0.00	0.69	0
D38-46-P006+	38360025	3.54	17 1-	REC-35-E	0	0	1506	341	115	7	22	0.00	0.69	0
38460034+	D38-46-P006	3.56	17 1-	2 ACSR 6/1	0	0	1502	341	115	7	4	0.00	0.70	0
38460035+	38460034	3.61	16 1-	2 ACSR 6/1	0	0	1489	341	107	7	4	0.01	0.70	0
38460036+	38460035	3.70	15 1-	2 ACSR 6/1	0	0	1464	339	98	6	4	0.01	0.71	0
38460023+	38460036	3.82	14 1-	2 ACSR 6/1	0	0	1433	337	88	5	3	0.01	0.72	0
38460024+	38460023	3.91	13 1-	2 ACSR 6/1	0	0	1409	336	85	5	3	0.01	0.73	0
38460026+	38460024	3.97	6 1-	2 ACSR 6/1	0	0	1396	335	40	2	1	0.00	0.73	0
38460027+	38460026	4.00	5 1-	2 ACSR 6/1	0	0	1387	335	37	2	1	0.00	0.73	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38460028+	38460027	4.04	4 1-	2 ACSR 6/1	0	0	1377	334	24	1	1	0.00	0.73	0
38460005+	38460024	3.98	7 1-	2 ACSR 6/1	0	0	1393	335	45	3	2	0.00	0.73	0
38460038+	38460005	4.08	1 1-	15 KV 2 URD XLP	0	0	1371	709	14	0	1	0.00	0.73	0
38460025+	38460005	4.01	1 1-	2 ACSR 6/1	0	0	1384	335	9	0	0	0.00	0.73	0
38460006+	38460005	4.04	5 1-	2 ACSR 6/1	0	0	1379	334	22	1	1	0.00	0.73	0
20851439+	38460006	4.08	5 1-	2 ACSR 6/1	0	0	1368	334	22	1	1	0.00	0.73	0
20851440+	20851439	4.12	4 1-	2 ACSR 6/1	0	0	1358	333	18	1	1	0.00	0.73	0
20851441+	20851440	4.22	3 1-	2 ACSR 6/1	0	0	1337	332	17	1	1	0.00	0.74	0
20851442+	20851441	4.25	1 1-	2 ACSR 6/1	0	0	1330	331	14	0	1	0.00	0.74	0
38460033+	38460036	3.82	1 1-	2 ACSR 6/1	0	0	1433	337	11	0	0	0.00	0.71	0
38460037+	38460035	3.73	1 1-	2 ACSR 6/1	0	0	1455	339	9	0	0	0.00	0.70	0
38360031+	38360033	3.57	604 3-	4/0 ACSR 6/1	1789	1711	1503	342	3241	72	21	0.01	1.12	41
38360059+	38360031	3.58	2 1-	2 ACSR 6/1	0	0	1498	341	9	0	0	0.00	1.04	0
38360032+	38360031	3.63	602 3-	4/0 ACSR 6/1	1777	1698	1489	341	3231	71	21	0.01	1.14	50
38460029+	38360032	3.66	5 1-	2 ACSR 6/1	0	0	1481	341	33	2	1	0.00	1.05	0
38460031+	38460029	3.71	3 1-	2 ACSR 6/1	0	0	1469	340	24	1	1	0.00	1.05	0
38460032+	38460031	3.75	1 1-	2 ACSR 6/1	0	0	1457	339	15	0	1	0.00	1.05	0
38460030+	38460031	3.82	1 1-	2 ACSR 6/1	0	0	1439	338	7	0	0	0.00	1.05	0
38460007+	38360032	3.78	597 3-	4/0 ACSR 6/1	1750	1670	1459	340	3198	71	21	0.02	1.18	110
20851468+	38460007	3.80	16 1-	2 ACSR 6/1	0	0	1455	340	96	6	4	0.00	1.09	0
20851469+	20851468	3.83	14 1-	2 ACSR 6/1	0	0	1445	339	82	5	3	0.00	1.09	0
20851470+	20851469	3.85	11 1-	2 ACSR 6/1	0	0	1442	339	72	4	3	0.00	1.10	0
20851471+	20851470	3.87	10 1-	2 ACSR 6/1	0	0	1435	339	72	4	3	0.00	1.10	0
20851472+	20851471	3.91	8 1-	2 ACSR 6/1	0	0	1426	338	57	3	2	0.00	1.10	0
38450044+	20851472	3.96	7 1-	2 ACSR 6/1	0	0	1413	337	47	3	2	0.00	1.10	0
38450045+	38450044	4.01	4 1-	2 ACSR 6/1	0	0	1401	337	27	1	1	0.00	1.10	0
38450046+	38450045	4.04	2 1-	2 ACSR 6/1	0	0	1394	336	17	1	1	0.00	1.10	0
38450013+	38460007	3.87	581 3-	4/0 ACSR 6/1	1734	1654	1442	339	3102	69	20	0.01	1.20	61
38450047+	38450013	3.88	1 1-	2 ACSR 6/1	0	0	1439	339	9	0	0	0.00	1.74	0
38450018+	38450013	3.93	580 3-	4/0 ACSR 6/1	1723	1642	1429	339	3092	68	20	0.01	1.21	46
38450055+	38450018	3.96	4 1-	2 ACSR 6/1	0	0	1422	339	12	0	0	0.00	1.12	0
38450056+	38450055	3.98	1 1-	2 ACSR 6/1	0	0	1419	338	1	0	0	0.00	1.12	0
38450057+	38450018	4.05	576 3-	4/0 ACSR 6/1	1703	1621	1408	338	3080	68	20	0.02	1.24	78
38450051+	38450057	4.14	575 3-	4/0 ACSR 6/1	1686	1604	1390	338	3076	68	20	0.02	1.26	68
38450049+	38450051	4.18	2 1-	2 ACSR 6/1	0	0	1380	337	3	0	0	0.00	1.17	0
38450048+	38450051	4.25	572 3-	4/0 ACSR 6/1	1669	1585	1371	337	3070	68	20	0.02	1.29	73
38450050+	38450048	4.29	1 1-	2 ACSR 6/1	0	0	1362	336	2	0	0	0.00	1.19	0
38450019+	38450048	4.37	571 3-	4/0 ACSR 6/1	1649	1565	1349	336	3068	68	20	0.02	1.32	84
D38-45-P024+	38450019	4.37	2 1-	FUS	0	0	1349	336	7	0	11	0.00	1.21	0
38450066+	D38-45-P024	4.43	2 1-	2 ACSR 6/1	0	0	1337	335	7	0	0	0.00	1.21	0
38450020+	38450019	4.47	569 3-	4/0 ACSR 6/1	1633	1548	1333	335	3060	68	20	0.02	1.34	68
38450061+	38450020	4.51	2 1-	2 ACSR 6/1	0	0	1324	335	10	0	0	0.00	1.23	0
38450021+	38450020	4.58	567 3-	4/0 ACSR 6/1	1617	1532	1315	335	3049	68	20	0.02	1.36	71
38450062+	38450021	4.63	8 1-	2 ACSR 6/1	0	0	1305	334	24	1	1	0.00	1.25	0
38450063+	38450062	4.69	5 1-	2 ACSR 6/1	0	0	1290	333	18	1	1	0.00	1.25	0
38450064+	38450063	4.72	1 1-	2 ACSR 6/1	0	0	1285	333	5	0	0	0.00	1.25	0
38450016+	38450021	4.63	559 3-	4/0 ACSR 6/1	1608	1523	1307	334	3025	67	20	0.01	1.38	36
38450059+	38450016	4.68	1 1-	2 ACSR 6/1	0	0	1296	333	8	0	0	0.00	1.26	0
38450017+	38450016	4.70	558 3-	4/0 ACSR 6/1	1598	1512	1296	334	3016	67	20	0.01	1.39	46
D38-45-P005+	38450017	4.70	8 1-	FUS	0	0	1296	334	30	2	46	0.00	1.28	0
38450065+	D38-45-P005	4.74	8 1-	2 ACSR 6/1	0	0	1287	333	30	2	1	0.00	1.28	0
38450053+	38450065	4.81	3 1-	2 ACSR 6/1	0	0	1273	332	12	0	0	0.00	1.28	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38450052+	38450065	4.79	3 1-	2 ACSR 6/1	0	0	1276	332	7	0	0	0.00	1.28	0
38450014+	38450017	4.84	550 3-	4/0 ACSR 6/1	1577	1491	1274	333	2986	66	20	0.03	1.42	92
38450054+	38450014	4.89	4 1-	2 ACSR 6/1	0	0	1264	332	10	0	0	0.00	1.30	0
38450015+	38450014	4.89	546 3-	4/0 ACSR 6/1	1569	1483	1266	332	2975	66	20	0.01	1.44	34
38-44-P066-B+	38450015	4.89	546 3-	Closed	1569	1483	1266	332	2975	66	0	0.00	1.44	0
38-44-P066-A+	38-44-P066-B	4.89	546 3-	Closed	1569	1483	1266	332	2975	66	0	0.00	1.44	0
20851247+	38-44-P066-A	4.93	546 3-	4/0 ACSR 6/1	1563	1477	1260	332	2975	66	20	0.01	1.44	26
20851248+	20851247	4.98	543 3-	4/0 ACSR 6/1	1556	1470	1252	332	2966	66	19	0.01	1.46	32
38440006+	20851248	5.10	541 3-	4/0 ACSR 6/1	1539	1452	1235	331	2960	66	19	0.02	1.48	76
D38-44-P018+	38440006	5.10	1 1-	FUS	0	0	1235	331	2	0	3	0.00	0.95	0
38440008+	D38-44-P018	5.26	1 1-	2 ACSR 6/1	0	0	1206	329	2	0	0	0.00	0.95	0
38440007+	38440006	5.38	540 3-	4/0 ACSR 6/1	1500	1412	1195	329	2957	66	19	0.05	1.55	181
20851249+	38440007	5.40	2 1-	2 ACSR 6/1	0	0	1193	329	9	0	0	0.00	1.00	0
20851250+	20851249	5.42	2 1-	2 ACSR 6/1	0	0	1189	329	9	0	0	0.00	1.00	0
20851436+	38440007	6.00	538 3-	4/0 ACSR 6/1	1422	1333	1117	325	2946	65	19	0.11	1.68	392
20851437+	20851436	6.05	537 3-	4/0 ACSR 6/1	1416	1328	1112	325	2938	65	19	0.01	1.69	28
20851438+	20851437	6.07	2 1-	2 ACSR 6/1	0	0	1108	324	10	0	0	0.00	1.12	0
38440002+	20851437	6.11	535 3-	4/0 ACSR 6/1	1409	1320	1105	324	2928	65	19	0.01	1.71	40
38-43-P394-B+	38440002	6.11	535 3-	Closed	1409	1320	1105	324	2928	65	0	0.00	1.71	0
38-43-P394-A+	38-43-P394-B	6.11	535 3-	Closed	1409	1320	1105	324	2928	65	0	0.00	1.71	0
38430010+	38-43-P394-A	6.21	535 3-	4/0 ACSR 6/1	1398	1309	1094	323	2928	65	19	0.02	1.73	60
38430024+	38430010	6.27	534 3-	4/0 ACSR 6/1	1390	1301	1086	323	2919	65	19	0.01	1.74	42
38430026+	38430024	6.46	532 3-	4/0 ACSR 6/1	1368	1279	1065	322	2906	65	19	0.03	1.78	117
38430027+	38430026	6.56	528 3-	4/0 ACSR 6/1	1357	1268	1054	321	2888	64	19	0.02	1.80	62
38430028+	38430027	6.68	527 3-	4/0 ACSR 6/1	1344	1255	1042	320	2878	64	19	0.02	1.83	73
38430029+	38430028	6.76	9 3-	4/0 ACSR 6/1	1335	1247	1034	320	95	2	1	0.00	1.83	0
20851242+	38430029	6.80	9 3-	4/0 ACSR 6/1	1332	1243	1030	320	95	2	1	0.00	1.83	0
20851243+	20851242	6.84	9 1-	2 ACSR 6/1	0	0	1025	319	95	6	4	0.00	2.67	0
38430009+	20851243	6.86	4 1-	2 ACSR 6/1	0	0	1022	319	60	4	2	0.00	2.67	0
20851244+	38430009	6.93	3 1-	2 ACSR 6/1	0	0	1013	318	48	3	2	0.00	2.67	0
38430021+	38430009	6.94	1 1-	2 ACSR 6/1	0	0	1012	318	12	0	0	0.00	2.67	0
38430022+	20851243	6.89	5 1-	2 ACSR 6/1	0	0	1018	318	35	2	1	0.00	2.67	0
38530030+	38430022	6.93	4 1-	2 ACSR 6/1	0	0	1012	318	27	1	1	0.00	2.67	0
38530031+	38530030	6.96	3 1-	2 ACSR 6/1	0	0	1009	317	21	1	1	0.00	2.67	0
38530032+	38530031	6.99	2 1-	2 ACSR 6/1	0	0	1005	317	15	0	1	0.00	2.67	0
38530033+	38530032	7.01	1 1-	2 ACSR 6/1	0	0	1002	317	8	0	0	0.00	2.67	0
38430008+	38430029	6.79	0 1-	2 ACSR 6/1	0	0	1031	319	0	0	0	0.00	1.23	0
20851126+	38430028	6.74	518 3-	4/0 ACSR 6/1	1338	1249	1036	320	2782	62	18	0.01	1.84	30
38430023+	20851126	6.98	516 3-	4/0 ACSR 6/1	1312	1224	1012	318	2777	62	18	0.04	1.89	135
38530029+	38430023	7.04	514 3-	4/0 ACSR 6/1	1306	1218	1007	318	2770	62	18	0.01	1.90	33
R38-53-P35A+	38530029	7.04	514 3-	REGU-114.3	1306	1218	1007	318	2770	62	41	-1.28	0.00	0
38530036+	R38-53-P35A	7.11	514 3-	4/0 ACSR 6/1	1299	1211	1000	317	2770	61	18	0.01	0.01	38
38530035+	38530036	7.20	514 3-	4/0 ACSR 6/1	1290	1201	991	317	2769	61	18	0.01	0.03	52
D38-53-P012+	38530035	7.20	3 1-	FUS	0	0	991	317	29	1	44	0.00	0.03	0
38530044+	D38-53-P012	7.41	3 1-	2 ACSR 6/1	0	0	966	314	29	1	1	0.01	0.04	0
38530039+	38530044	7.52	1 1-	2 ACSR 6/1	0	0	952	313	12	0	0	0.00	0.04	0
38530037+	38530044	7.47	1 1-	2 ACSR 6/1	0	0	959	313	8	0	0	0.00	0.04	0
38530038+	38530037	7.54	0 1-	2 ACSR 6/1	0	0	950	312	0	0	0	0.00	0.04	0
38530007+	38530035	7.28	511 3-	4/0 ACSR 6/1	1282	1194	984	316	2740	60	18	0.01	0.05	39
D38-53-P022+	38530007	7.28	8 1-	FUS	0	0	984	316	28	1	43	0.00	0.04	0
38530045+	D38-53-P022	7.34	8 1-	2 ACSR 6/1	0	0	977	316	28	1	1	0.00	0.04	0
38530040+	38530045	7.39	4 1-	2 ACSR 6/1	0	0	971	315	18	1	1	0.00	0.04	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38530027+	38530040	7.51	2 1-	2 ACSR 6/1	0	0	956	313	7	0	0	0.00	0.04	0
38530028+	38530027	7.57	1 1-	2 ACSR 6/1	0	0	949	312	6	0	0	0.00	0.04	0
38530042+	38530007	7.49	503 3-	4/0 ACSR 6/1	1262	1174	965	315	2711	59	18	0.03	0.09	109
38530043+	38530042	7.56	503 3-	4/0 ACSR 6/1	1255	1167	959	315	2710	59	18	0.01	0.10	37
38530041+	38530043	7.62	503 3-	4/0 ACSR 6/1	1250	1162	954	314	2710	59	18	0.01	0.11	30
C38-52-P100+	38530041	7.62	0 3-	Capacitor	1250	1162	954	314	0	-14	0	0.00	0.11	0
38520080+	38530041	7.87	503 3-	4/0 ACSR 6/1	1227	1139	933	312	2710	60	18	0.06	0.18	132
D38-52-P038+	38520080	7.87	503 3-	REC-100-E	1227	1139	933	312	2708	60	18	0.00	0.18	0
38520082+	D38-52-P038	7.89	503 3-	4/0 ACSR 6/1	1224	1137	931	312	2708	60	18	0.01	0.19	14
D38-52-P035+	38520082	7.89	14 1-	FUS	0	0	931	312	90	6	137	0.00	0.16	0
38520111+	D38-52-P035	7.94	14 1-	2 ACSR 6/1	0	0	925	312	90	6	3	0.00	0.16	0
38520083+	38520111	7.96	13 1-	2 ACSR 6/1	0	0	923	311	82	5	3	0.00	0.16	0
38520085+	38520083	8.02	12 1-	2 ACSR 6/1	0	0	917	311	68	4	3	0.00	0.17	0
38520089+	38520085	8.11	10 1-	2 ACSR 6/1	0	0	907	310	57	3	2	0.00	0.17	0
38520099+	38520089	8.13	0 1-	2 ACSR 6/1	0	0	905	309	0	0	0	0.00	0.17	0
38520100+	38520089	8.14	8 1-	2 ACSR 6/1	0	0	903	309	52	3	2	0.00	0.17	0
38520101+	38520100	8.18	6 1-	2 ACSR 6/1	0	0	900	309	38	2	1	0.00	0.17	0
38520102+	38520101	8.22	4 1-	2 ACSR 6/1	0	0	895	308	28	1	1	0.00	0.17	0
38520103+	38520102	8.28	1 1-	2 ACSR 6/1	0	0	889	307	7	0	0	0.00	0.17	0
38520084+	38520083	8.01	1 1-	2 ACSR 6/1	0	0	918	311	14	0	1	0.00	0.16	0
38520081+	38520082	7.96	488 3-	4/0 ACSR 6/1	1219	1131	925	312	2611	58	17	0.01	0.21	32
38520095+	38520081	8.15	487 3-	4/0 ACSR 6/1	1202	1114	910	311	2610	58	17	0.04	0.26	97
38520087+	38520095	8.22	484 3-	4/0 ACSR 6/1	1196	1109	905	310	2595	58	17	0.01	0.28	33
38520073+	38520087	8.29	474 3-	4/0 ACSR 6/1	1189	1102	899	310	2547	57	17	0.01	0.30	35
38520023+	38520073	8.40	2 1-	2 ACSR 6/1	0	0	888	308	7	0	0	0.00	0.38	0
38520075+	38520023	8.46	1 1-	2 ACSR 6/1	0	0	882	308	1	0	0	0.00	0.38	0
38520074+	38520023	8.44	1 1-	2 ACSR 6/1	0	0	883	308	6	0	0	0.00	0.38	0
38520018+	38520073	8.36	472 3-	4/0 ACSR 6/1	1183	1097	893	309	2539	56	17	0.01	0.32	34
38520109+	38520018	8.60	470 3-	4/0 ACSR 6/1	1164	1077	876	308	2527	56	17	0.05	0.38	112
38520110+	38520109	8.67	469 3-	4/0 ACSR 6/1	1158	1072	871	307	2520	56	17	0.01	0.40	34
38520096+	38520110	8.76	4 3-	4/0 ACSR 6/1	1151	1065	864	307	17	0	0	0.00	0.40	0
38520097+	38520096	8.79	2 3-	4/0 ACSR 6/1	1148	1062	862	307	7	0	0	0.00	0.40	0
38520098+	38520110	8.73	5 3-	4/0 ACSR 6/1	1153	1067	866	307	25	0	0	0.00	0.40	0
38520088+	38520098	8.80	4 3-	4/0 ACSR 6/1	1148	1061	861	307	24	0	0	0.00	0.40	0
38520068+	38520088	8.82	4 3-	4/0 ACSR 6/1	1146	1060	860	306	24	0	0	0.00	0.40	0
38520070+	38520068	8.93	1 1-	2 ACSR 6/1	0	0	849	305	7	0	0	0.00	0.51	0
38520069+	38520068	8.87	2 1-	2 ACSR 6/1	0	0	855	306	14	0	1	0.00	0.31	0
38520020+	38520110	8.74	460 3-	4/0 ACSR 6/1	1152	1066	866	307	2478	55	16	0.01	0.42	32
38520092+	38520020	8.79	2 1-	2 ACSR 6/1	0	0	861	306	13	0	0	0.00	0.39	0
38520093+	38520092	8.81	0 1-	2 ACSR 6/1	0	0	858	306	0	0	0	0.00	0.39	0
38520091+	38520020	8.84	1 1-	2 ACSR 6/1	0	0	856	306	2	0	0	0.00	0.32	0
38520021+	38520020	8.81	457 3-	4/0 ACSR 6/1	1147	1060	860	306	2463	55	16	0.01	0.44	33
38520094+	38520021	8.83	2 1-	2 ACSR 6/1	0	0	859	306	6	0	0	0.00	0.41	0
38520022+	38520021	8.89	455 3-	4/0 ACSR 6/1	1141	1055	855	306	2456	55	16	0.01	0.46	34
38620003+	38520022	8.99	455 3-	4/0 ACSR 6/1	1132	1047	848	305	2456	55	16	0.02	0.48	48
38520017+	38620003	9.08	454 3-	4/0 ACSR 6/1	1126	1040	842	305	2445	54	16	0.02	0.51	38
37590054+	38520017	9.21	453 3-	4/0 ACSR 6/1	1115	1030	833	304	2436	54	16	0.02	0.54	60
37590055+	37590054	9.26	54 3-	4/0 ACSR 6/1	1112	1027	830	304	313	7	2	0.00	0.54	0
37590057+	37590055	9.32	53 3-	4/0 ACSR 6/1	1108	1023	826	303	307	6	2	0.00	0.54	0
37590058+	37590057	9.35	52 3-	4/0 ACSR 6/1	1105	1020	824	303	302	6	2	0.00	0.54	0
D37-59-P019+	37590058	9.35	6 1-	FUS	0	0	824	303	29	1	45	0.00	0.41	0
37590074+	D37-59-P019	9.41	6 1-	2 ACSR 6/1	0	0	818	302	29	1	1	0.00	0.41	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37590072+	37590074	9.47	6 1-	2 ACSR 6/1	0	0	813	302	29	1	1	0.00	0.42	0
37690154+	37590072	9.51	5 1-	2 ACSR 6/1	0	0	810	301	24	1	1	0.00	0.42	0
37690155+	37690154	9.57	4 1-	2 ACSR 6/1	0	0	805	300	24	1	1	0.00	0.42	0
37690139+	37690155	9.63	3 1-	2 ACSR 6/1	0	0	800	300	19	1	1	0.00	0.42	0
37690140+	37690139	9.69	3 1-	2 ACSR 6/1	0	0	795	299	19	1	1	0.00	0.42	0
37690158+	37690140	9.79	2 1-	2 ACSR 6/1	0	0	787	298	8	0	0	0.00	0.42	0
37690159+	37690158	9.85	1 1-	2 ACSR 6/1	0	0	782	297	8	0	0	0.00	0.42	0
37690142+	37690155	9.62	1 1-	2 ACSR 6/1	0	0	801	300	5	0	0	0.00	0.42	0
37590048+	37590058	9.53	46 3-	4/0 ACSR 6/1	1092	1008	812	302	273	6	2	0.01	0.55	3
37690125+	37590048	9.67	45 3-	4/0 ACSR 6/1	1082	998	804	301	265	5	2	0.01	0.55	3
37690035+	37690125	9.78	0 3-	4/0 ACSR 6/1	1075	991	797	300	0	0	0	0.00	0.55	0
37690036+	37690125	9.79	45 3-	4/0 ACSR 6/1	1074	990	797	300	265	5	2	0.00	0.56	2
37690126+	37690036	9.85	1 1-	2 ACSR 6/1	0	0	791	300	0	0	0	0.00	0.47	0
37690034+	37690036	9.89	44 3-	4/0 ACSR 6/1	1067	983	791	300	265	5	2	0.00	0.56	2
37690128+	37690034	9.92	42 3-	4/0 ACSR 6/1	1064	981	788	299	258	5	2	0.00	0.56	0
37690129+	37690128	9.95	38 3-	4/0 ACSR 6/1	1062	979	787	299	244	5	2	0.00	0.56	0
D37-69-P090+	37690129	9.95	5 1-	REC-50-E	0	0	787	299	24	1	3	0.00	0.79	0
37690130+	D37-69-P090	9.99	5 1-	2 ACSR 6/1	0	0	784	299	24	1	1	0.00	0.79	0
37690118+	37690129	10.00	31 1-	2 ACSR 6/1	0	0	783	299	209	14	8	0.01	0.80	2
37690119+	37690118	10.04	31 1-	2 ACSR 6/1	0	0	780	298	209	14	8	0.01	0.81	1
37690120+	37690119	10.13	29 1-	2 ACSR 6/1	0	0	773	297	200	13	7	0.02	0.82	3
37690121+	37690120	10.20	29 1-	2 ACSR 6/1	0	0	767	296	200	13	7	0.01	0.84	2
37690122+	37690121	10.24	1 1-	2 ACSR 6/1	0	0	764	296	4	0	0	0.00	0.84	0
37690123+	37690122	10.37	0 1-	2 ACSR 6/1	0	0	754	294	0	0	0	0.00	0.84	0
37-69-P003-B+	37690123	10.37	0 1-	Open	0	0	754	294	0	0	0	0.00	0.84	0
37690037+	37690121	10.27	28 1-	2 ACSR 6/1	0	0	762	295	196	13	7	0.01	0.85	2
37690141+	37690037	10.30	16 1-	2 ACSR 6/1	0	0	760	295	92	6	3	0.00	0.85	0
37690157+	37690141	10.36	15 1-	2 ACSR 6/1	0	0	755	294	81	5	3	0.01	0.86	0
37690104+	37690157	10.40	14 1-	2 ACSR 6/1	0	0	752	294	81	5	3	0.00	0.86	0
37690105+	37690104	10.45	12 1-	2 ACSR 6/1	0	0	748	293	66	4	2	0.00	0.87	0
37690106+	37690105	10.49	3 1-	2 ACSR 6/1	0	0	745	293	12	0	0	0.00	0.87	0
37690156+	37690106	10.52	0 1-	2 ACSR 6/1	0	0	743	293	0	0	0	0.00	0.87	0
37690038+	37690105	10.53	9 1-	2 ACSR 6/1	0	0	743	292	54	3	2	0.00	0.87	0
37690115+	37690038	10.57	6 1-	2 ACSR 6/1	0	0	740	292	38	2	1	0.00	0.87	0
37690116+	37690115	10.61	5 1-	2 ACSR 6/1	0	0	737	291	32	2	1	0.00	0.87	0
37690117+	37690116	10.64	2 1-	2 ACSR 6/1	0	0	735	291	20	1	1	0.00	0.87	0
37690131+	37690117	10.81	1 1-	2 ACSR 6/1	0	0	722	289	20	1	1	0.00	0.88	0
37690108+	37690038	10.56	2 1-	2 ACSR 6/1	0	0	740	292	14	0	1	0.00	0.87	0
37690109+	37690108	10.59	0 1-	2 ACSR 6/1	0	0	738	292	0	0	0	0.00	0.87	0
37690107+	37690038	10.56	1 1-	2 ACSR 6/1	0	0	740	292	1	0	0	0.00	0.87	0
37690124+	37690037	10.40	2 1-	2 ACSR 6/1	0	0	752	294	13	0	0	0.00	0.85	0
37690113+	37690124	10.47	1 1-	2 ACSR 6/1	0	0	747	293	8	0	0	0.00	0.85	0
37690099+	37690037	10.32	10 1-	2 ACSR 6/1	0	0	758	295	92	6	3	0.00	0.86	0
37690100+	37690099	10.37	9 1-	2 ACSR 6/1	0	0	755	294	74	4	3	0.00	0.86	0
37690102+	37690100	10.41	2 1-	25 KV 1/0 URD X	0	0	752	521	14	0	0	0.00	0.86	0
37690132+	37690100	10.53	6 1-	2 ACSR 6/1	0	0	743	292	46	3	2	0.01	0.87	0
37690133+	37690132	10.64	6 1-	2 ACSR 6/1	0	0	734	291	46	3	2	0.01	0.87	0
37680033+	37690133	10.78	2 1-	2 ACSR 6/1	0	0	725	290	23	1	1	0.00	0.88	0
37680193+	37680033	10.85	1 1-	2 ACSR 6/1	0	0	720	289	2	0	0	0.00	0.88	0
37680195+	37680033	10.90	1 1-	2 ACSR 6/1	0	0	716	288	20	1	1	0.00	0.88	0
37680196+	37680195	10.94	1 1-	15 KV 2 URD XLP	0	0	714	501	20	1	1	0.00	0.88	0
37680109+	37690133	10.68	4 1-	2 ACSR 6/1	0	0	732	291	24	1	1	0.00	0.87	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37680110+	37680109	10.72	3 1-	2 ACSR 6/1	0	0	729	290	19	1	1	0.00	0.87	0
37680108+	37680110	10.74	2 1-	2 ACSR 6/1	0	0	727	290	10	0	0	0.00	0.87	0
37690101+	37690100	10.40	1 1-	2 ACSR 6/1	0	0	752	294	13	0	0	0.00	0.86	0
37690127+	37690034	9.92	1 1-	2 ACSR 6/1	0	0	788	299	6	0	0	0.00	0.46	0
37590056+	37590055	9.30	1 1-	2 ACSR 6/1	0	0	826	303	6	0	0	0.00	0.50	0
37590060+	37590054	9.35	5 1-	2 ACSR 6/1	0	0	821	302	31	2	1	0.00	0.41	0
37590076+	37590060	9.38	1 1-	2 ACSR 6/1	0	0	818	302	7	0	0	0.00	0.41	0
37590061+	37590076	9.41	1 1-	2 ACSR 6/1	0	0	815	301	7	0	0	0.00	0.41	0
37590050+	37590054	9.29	392 3-	4/0 ACSR 6/1	1110	1025	828	303	2074	46	14	0.01	0.56	24
37590062+	37590050	9.39	1 1-	2 ACSR 6/1	0	0	819	302	7	0	0	0.00	0.41	0
37590012+	37590050	9.33	391 3-	4/0 ACSR 6/1	1107	1022	825	303	2066	46	14	0.00	0.56	12
37590011+	37590012	9.44	369 3-	4/0 ACSR 6/1	1099	1014	818	302	1964	44	13	0.01	0.59	35
37590053+	37590011	9.48	1 1-	2 ACSR 6/1	0	0	815	302	5	0	0	0.00	0.77	0
37590051+	37590011	9.59	368 3-	4/0 ACSR 6/1	1088	1003	809	302	1959	43	13	0.01	0.62	46
37590052+	37590051	9.65	367 3-	4/0 ACSR 6/1	1084	999	805	301	1952	43	13	0.00	0.63	19
37590047+	37590052	9.74	363 3-	4/0 ACSR 6/1	1077	993	799	301	1937	43	13	0.00	0.65	27
37690134+	37590047	9.80	1 1-	2 ACSR 6/1	0	0	794	300	9	0	0	0.00	0.44	0
37690135+	37590047	9.80	351 3-	4/0 ACSR 6/1	1073	989	796	300	1841	41	12	0.00	0.66	17
37690028+	37690135	9.87	351 3-	4/0 ACSR 6/1	1068	984	792	300	1841	41	12	0.00	0.67	17
37690148+	37690028	9.96	349 3-	4/0 ACSR 6/1	1062	978	786	299	1826	41	12	0.01	0.69	24
37690150+	37690148	10.03	345 3-	4/0 ACSR 6/1	1057	974	782	299	1808	40	12	0.00	0.70	17
37690151+	37690150	10.09	344 3-	4/0 ACSR 6/1	1053	970	779	298	1803	40	12	0.00	0.72	16
37690152+	37690151	10.25	1 1-	2 ACSR 6/1	0	0	767	297	2	0	0	0.00	0.46	0
37690110+	37690151	10.11	4 1-	2 ACSR 6/1	0	0	777	298	18	1	1	0.00	0.73	0
37690111+	37690110	10.16	2 1-	2 ACSR 6/1	0	0	773	298	8	0	0	0.00	0.73	0
37690031+	37690151	10.18	339 3-	4/0 ACSR 6/1	1047	964	773	298	1783	40	12	0.01	0.73	23
37690112+	37690031	10.24	338 3-	4/0 ACSR 6/1	1043	960	770	297	1780	40	12	0.00	0.75	15
37690098+	37690112	10.28	337 3-	4/0 ACSR 6/1	1041	958	768	297	1774	39	12	0.00	0.75	9
37690033+	37690098	10.42	337 3-	1/0 ACSR 6/1	1029	947	759	296	1774	39	17	0.02	0.80	67
37690030+	37690033	10.42	0 3-	1/0 ACSR 6/1	1029	946	759	296	0	0	0	0.00	0.80	0
37690032+	37690033	10.45	337 3-	1/0 ACSR 6/1	1026	944	757	296	1773	39	17	0.01	0.81	17
37680137+	37690032	10.59	335 3-	1/0 ACSR 6/1	1016	933	748	295	1767	39	17	0.02	0.86	65
37680138+	37680137	10.66	333 3-	1/0 ACSR 6/1	1010	928	744	294	1758	39	17	0.01	0.88	35
37680139+	37680138	10.71	1 1-	2 ACSR 6/1	0	0	740	293	11	0	0	0.00	0.53	0
37680140+	37680138	10.71	330 3-	1/0 ACSR 6/1	1006	923	740	293	1732	39	17	0.01	0.90	26
37680135+	37680140	10.79	323 3-	1/0 ACSR 6/1	1000	918	736	293	1640	36	16	0.01	0.92	31
37680151+	37680135	10.82	319 3-	1/0 ACSR 6/1	998	915	734	293	1627	36	16	0.00	0.93	12
D37-68-P129+	37680151	10.82	7 1-	REC-50-E	0	0	734	293	57	3	8	0.00	0.55	0
37680165+	D37-68-P129	10.91	7 1-	2 ACSR 6/1	0	0	727	291	57	3	2	0.01	0.56	0
37680180+	37680165	11.03	6 1-	2 ACSR 6/1	0	0	719	290	50	3	2	0.01	0.57	0
37680182+	37680180	11.05	5 1-	2 ACSR 6/1	0	0	718	290	39	2	1	0.00	0.57	0
37680197+	37680182	11.13	2 1-	2 ACSR 6/1	0	0	713	289	20	1	1	0.00	0.57	0
37680198+	37680197	11.18	1 1-	2 ACSR 6/1	0	0	709	288	11	0	0	0.00	0.57	0
37680184+	37680182	11.16	2 1-	2 ACSR 6/1	0	0	710	289	13	0	0	0.00	0.57	0
37680186+	37680184	11.25	1 1-	2 ACSR 6/1	0	0	704	288	7	0	0	0.00	0.57	0
37680187+	37680184	11.21	1 1-	2 ACSR 6/1	0	0	707	288	7	0	0	0.00	0.57	0
37680183+	37680180	11.07	1 1-	2 ACSR 6/1	0	0	717	290	11	0	0	0.00	0.57	0
37680179+	37680165	10.99	1 1-	2 ACSR 6/1	0	0	722	291	7	0	0	0.00	0.56	0
37680035+	37680151	10.83	312 3-	1/0 ACSR 6/1	997	914	733	292	1570	35	15	0.00	0.93	5
D37-68-P116+	37680035	10.83	312 3-	REC-50-E	997	914	733	292	1570	35	15	0.00	0.93	0
37680166+	D37-68-P116	10.85	312 3-	1/0 ACSR 6/1	995	913	732	292	1570	35	15	0.00	0.94	7
37680167+	37680166	10.94	311 3-	1/0 ACSR 6/1	988	906	727	292	1567	35	15	0.01	0.97	36

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37680171+	37680167	10.98	303 3-	1/0 ACSR 6/1	985	903	724	291	1508	33 15	0.01	0.98	16	
37680172+	37680171	11.04	302 3-	1/0 ACSR 6/1	980	899	720	291	1507	33 15	0.01	1.00	22	
37680175+	37680172	11.13	4 1-	2 ACSR 6/1	0	0	715	290	31	2	1	0.00	1.06	0
37680174+	37680175	11.14	2 1-	2 ACSR 6/1	0	0	714	290	14	0	1	0.00	1.06	0
37680124+	37680174	11.21	1 1-	2 ACSR 6/1	0	0	709	289	10	0	0	0.00	1.06	0
37680125+	37680124	11.37	0 1-	2 ACSR 6/1	0	0	699	287	0	0	0	0.00	1.06	0
37680176+	37680175	11.20	1 1-	2 ACSR 6/1	0	0	710	289	7	0	0	0.00	1.06	0
37680173+	37680172	11.10	1 1-	2 ACSR 6/1	0	0	717	290	8	0	0	0.00	0.58	0
37680126+	37680172	11.07	297 3-	1/0 ACSR 6/1	979	897	719	290	1468	33 14	0.00	1.00	8	
37680127+	37680126	11.10	296 3-	1/0 ACSR 6/1	976	894	717	290	1464	32 14	0.00	1.01	11	
37680154+	37680127	11.16	6 1-	2 ACSR 6/1	0	0	713	289	37	2	1	0.00	0.59	0
37680155+	37680154	11.19	5 1-	2 ACSR 6/1	0	0	711	289	31	2	1	0.00	0.59	0
37680156+	37680155	11.22	4 1-	2 ACSR 6/1	0	0	709	289	24	1	1	0.00	0.60	0
37680111+	37680156	11.25	2 1-	2 ACSR 6/1	0	0	707	288	9	0	0	0.00	0.60	0
37680112+	37680111	11.28	1 1-	2 ACSR 6/1	0	0	705	288	7	0	0	0.00	0.60	0
37680114+	37680112	11.32	0 1-	2 ACSR 6/1	0	0	703	288	0	0	0	0.00	0.60	0
37680113+	37680112	11.31	1 1-	2 ACSR 6/1	0	0	703	288	7	0	0	0.00	0.60	0
37680115+	37680127	11.17	290 3-	1/0 ACSR 6/1	971	889	713	290	1427	32 14	0.01	1.03	23	
37680116+	37680115	11.21	289 3-	1/0 ACSR 6/1	968	887	711	289	1424	32 14	0.00	1.04	14	
37680117+	37680116	11.25	2 1-	2 ACSR 6/1	0	0	708	289	16	1	1	0.00	0.60	0
37680188+	37680117	11.28	1 1-	2 ACSR 6/1	0	0	706	288	9	0	0	0.00	0.60	0
37680118+	37680116	11.26	287 3-	1/0 ACSR 6/1	965	883	708	289	1408	31 14	0.01	1.05	16	
37680002+	37680118	11.30	286 3-	1/0 ACSR 6/1	962	881	706	289	1403	31 14	0.00	1.06	12	
37680119+	37680002	11.37	286 3-	1/0 ACSR 6/1	957	875	702	288	1403	31 14	0.01	1.08	25	
37680128+	37680119	11.51	271 3-	1/0 ACSR 6/1	947	866	695	287	1291	29 13	0.01	1.12	39	
37680129+	37680128	11.56	269 3-	1/0 ACSR 6/1	943	862	692	286	1281	28 13	0.00	1.13	15	
37-68-P003-B+	37680129	11.56	269 3-	Closed	943	862	692	286	1281	28	0	0.00	1.13	0
37-68-P003-A+	37-68-P003-B	11.56	269 3-	Closed	943	862	692	286	1281	28	0	0.00	1.13	0
37680130+	37-68-P003-A	11.57	269 3-	1/0 ACSR 6/1	943	862	691	286	1281	28	13	0.00	1.13	3
37680149+	37680130	11.61	258 3-	1/0 ACSR 6/1	940	859	689	286	1214	27 12	0.00	1.14	12	
37680150+	37680149	11.69	255 3-	1/0 ACSR 6/1	934	853	684	285	1209	27 12	0.00	1.16	23	
37670031+	37680150	11.76	253 3-	1/0 ACSR 6/1	930	849	681	285	1204	27 12	0.00	1.17	17	
37670032+	37670031	11.82	251 3-	1/0 ACSR 6/1	926	845	678	284	1185	26 12	0.00	1.19	17	
37670033+	37670032	11.89	251 3-	1/0 ACSR 6/1	921	840	674	284	1185	26 12	0.00	1.20	20	
37670034+	37670033	11.92	31 1-	2 ACSR 6/1	0	0	672	283	157	10	6	0.00	1.25	0
37670035+	37670034	11.94	30 1-	2 ACSR 6/1	0	0	671	283	151	10	6	0.00	1.26	0
D37-67-P046+	37670035	11.94	30 1-	REC-25-E	0	0	671	283	151	10	41	0.00	1.26	0
37670036+	D37-67-P046	11.95	30 1-	2 ACSR 6/1	0	0	671	283	151	10	6	0.00	1.26	0
37670039+	37670036	12.05	29 1-	2 ACSR 6/1	0	0	665	282	146	9	5	0.01	1.27	1
37770090+	37670039	12.08	25 1-	2 ACSR 6/1	0	0	663	282	126	8	5	0.00	1.28	0
37770111+	37770090	12.16	4 1-	2 ACSR 6/1	0	0	658	281	17	1	1	0.00	1.28	0
37770113+	37770111	12.34	0 1-	2 ACSR 6/1	0	0	648	279	0	0	0	0.00	1.28	0
37770114+	37770113	12.52	0 1-	2 ACSR 6/1	0	0	638	277	0	0	0	0.00	1.28	0
37770112+	37770114	12.54	0 1-	2 ACSR 6/1	0	0	637	277	0	0	0	0.00	1.28	0
37770115+	37770111	12.30	4 1-	2 ACSR 6/1	0	0	650	279	17	1	1	0.00	1.28	0
37770116+	37770115	12.36	2 1-	2 ACSR 6/1	0	0	647	279	12	0	0	0.00	1.28	0
37770117+	37770116	12.42	1 1-	2 ACSR 6/1	0	0	644	278	8	0	0	0.00	1.28	0
37770091+	37770090	12.12	8 1-	2 ACSR 6/1	0	0	660	281	50	3	2	0.00	1.28	0
37770092+	37770091	12.17	6 1-	2 ACSR 6/1	0	0	658	281	38	2	1	0.00	1.28	0
37770109+	37770092	12.20	5 1-	2 ACSR 6/1	0	0	656	280	27	1	1	0.00	1.28	0
37770110+	37770109	12.29	2 1-	2 ACSR 6/1	0	0	651	279	7	0	0	0.00	1.28	0
37770071+	37770090	12.15	13 1-	2 ACSR 6/1	0	0	659	281	59	4	2	0.00	1.28	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37770078+	37770071	12.20	10 1-	2 ACSR 6/1	0	0	656	280	37	2	1	0.00	1.28	0
37770079+	37770078	12.22	8 1-	2 ACSR 6/1	0	0	655	280	33	2	1	0.00	1.28	0
37770069+	37770079	12.26	3 1-	2 ACSR 6/1	0	0	653	280	17	1	1	0.00	1.28	0
37770070+	37770069	12.28	2 1-	2 ACSR 6/1	0	0	651	279	10	0	0	0.00	1.28	0
37770139+	37770070	12.33	2 1-	2 ACSR 6/1	0	0	649	279	10	0	0	0.00	1.28	0
37770121+	37770090	12.10	0 1-	2 ACSR 6/1	0	0	662	281	0	0	0	0.00	1.28	0
37670026+	37670033	11.98	217 3-	1/0 ACSR 6/1	915	835	670	283	1015	22	10	0.00	1.22	18
37670028+	37670026	12.04	207 3-	1/0 ACSR 6/1	911	831	667	282	979	22	10	0.00	1.23	12
37670030+	37670028	12.10	1 1-	2 ACSR 6/1	0	0	663	282	4	0	0	0.00	0.65	0
37670029+	37670028	12.09	204 3-	1/0 ACSR 6/1	908	828	664	282	969	21	10	0.00	1.24	11
37670038+	37670029	12.18	6 1-	2 ACSR 6/1	0	0	659	281	14	0	1	0.00	1.27	0
37670021+	37670029	12.24	198 3-	1/0 ACSR 6/1	898	819	657	281	955	21	9	0.01	1.27	29
37670022+	37670021	12.29	197 3-	1/0 ACSR 6/1	895	815	654	280	952	21	9	0.00	1.28	10
37770013+	37670022	12.34	195 3-	1/0 ACSR 6/1	892	812	652	280	933	21	9	0.00	1.29	11
D37-77-P027+	37770013	12.34	31 1-	REC-25-E	0	0	652	280	172	11	46	0.00	1.29	0
37770097+	D37-77-P027	12.38	31 1-	2 ACSR 6/1	0	0	650	280	172	11	6	0.01	1.30	0
37770074+	37770097	12.41	0 1-	2 ACSR 6/1	0	0	648	279	0	0	0	0.00	1.30	0
37770015+	37770097	12.42	31 1-	2 ACSR 6/1	0	0	648	279	172	11	6	0.01	1.30	0
37770076+	37770015	12.46	0 1-	2 ACSR 6/1	0	0	645	279	0	0	0	0.00	1.30	0
37770075+	37770015	12.57	1 1-	2 ACSR 6/1	0	0	639	278	2	0	0	0.00	1.30	0
37770016+	37770015	12.51	30 1-	2 ACSR 6/1	0	0	643	278	170	11	6	0.02	1.32	2
37770081+	37770016	12.56	27 1-	2 ACSR 6/1	0	0	639	278	144	9	5	0.01	1.33	0
37770082+	37770081	12.60	25 1-	2 ACSR 6/1	0	0	638	277	130	8	5	0.00	1.33	0
37770084+	37770082	12.63	23 1-	2 ACSR 6/1	0	0	636	277	120	8	5	0.00	1.33	0
37770085+	37770084	12.69	22 1-	2 ACSR 6/1	0	0	633	276	114	7	4	0.01	1.34	0
37770086+	37770085	12.73	5 1-	2 ACSR 6/1	0	0	630	276	33	2	1	0.00	1.34	0
37770087+	37770086	12.79	1 1-	2 ACSR 6/1	0	0	627	275	5	0	0	0.00	1.34	0
37770128+	37770085	12.73	8 1-	2 ACSR 6/1	0	0	630	276	42	2	2	0.00	1.34	0
37770135+	37770128	12.76	7 1-	2 ACSR 6/1	0	0	629	276	38	2	1	0.00	1.34	0
37770136+	37770135	12.78	6 1-	2 ACSR 6/1	0	0	628	275	31	2	1	0.00	1.34	0
37770137+	37770136	12.83	6 1-	2 ACSR 6/1	0	0	625	275	31	2	1	0.00	1.35	0
37770138+	37770137	12.87	4 1-	2 ACSR 6/1	0	0	623	275	17	1	1	0.00	1.35	0
37770134+	37770128	12.75	1 1-	2 ACSR 6/1	0	0	629	276	5	0	0	0.00	1.34	0
37770129+	37770134	12.78	0 1-	2 ACSR 6/1	0	0	628	275	0	0	0	0.00	1.34	0
37770088+	37770085	12.73	8 1-	2 ACSR 6/1	0	0	630	276	29	1	1	0.00	1.34	0
37770089+	37770088	12.78	4 1-	2 ACSR 6/1	0	0	628	275	19	1	1	0.00	1.34	0
37770083+	37770082	12.63	2 1-	2 ACSR 6/1	0	0	636	277	10	0	0	0.00	1.33	0
37770077+	37770016	12.61	3 1-	2 ACSR 6/1	0	0	637	277	25	1	1	0.00	1.32	0
37770080+	37770077	12.71	1 1-	2 ACSR 6/1	0	0	631	276	12	0	0	0.00	1.32	0
37770126+	37770013	12.37	164 3-	1/0 ACSR 6/1	890	810	650	280	761	17	7	0.00	1.29	5
37770127+	37770126	12.42	163 3-	1/0 ACSR 6/1	887	807	648	279	751	16	7	0.00	1.30	8
37770098+	37770127	12.46	5 1-	2 ACSR 6/1	0	0	646	279	16	1	1	0.00	1.29	0
37770099+	37770098	12.49	3 1-	2 ACSR 6/1	0	0	644	279	12	0	0	0.00	1.29	0
37770100+	37770127	12.52	155 3-	1/0 ACSR 6/1	881	802	643	279	726	16	7	0.01	1.31	15
37770101+	37770100	12.59	151 3-	1/0 ACSR 6/1	876	798	640	278	711	16	7	0.00	1.32	10
37770102+	37770101	12.65	150 3-	1/0 ACSR 6/1	872	794	637	278	701	15	7	0.00	1.33	10
37770103+	37770102	12.72	149 3-	1/0 ACSR 6/1	868	790	634	277	692	15	7	0.00	1.34	11
37770104+	37770103	12.76	148 3-	1/0 ACSR 6/1	866	788	632	277	690	15	7	0.00	1.34	5
37770105+	37770104	12.80	147 3-	1/0 ACSR 6/1	864	785	631	276	685	15	7	0.00	1.35	5
37770107+	37770105	12.84	2 1-	2 ACSR 6/1	0	0	628	276	5	0	0	0.00	0.68	0
37770108+	37770107	12.89	1 1-	2 ACSR 6/1	0	0	626	275	3	0	0	0.00	0.68	0
37770106+	37770105	12.82	143 3-	1/0 ACSR 6/1	863	784	630	276	673	15	7	0.00	1.35	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37770017+	37770106	12.84	143 3-	1/0 ACSR 6/1	862	783	629	276	673	15	7	0.00	1.35	3
37770130+	37770017	12.90	6 1-	2 ACSR 6/1	0	0	625	276	22	1	1	0.00	1.27	0
37770131+	37770130	12.93	2 1-	2 ACSR 6/1	0	0	624	275	10	0	0	0.00	1.27	0
37770122+	37770017	12.85	11 1-	2 ACSR 6/1	0	0	628	276	43	2	2	0.00	1.27	0
37770118+	37770122	12.87	9 1-	2 ACSR 6/1	0	0	627	276	36	2	1	0.00	1.27	0
37770119+	37770118	12.89	2 1-	2 ACSR 6/1	0	0	626	276	9	0	0	0.00	1.27	0
37770120+	37770118	12.89	4 1-	2 ACSR 6/1	0	0	626	276	15	0	1	0.00	1.27	0
37770014+	37770017	12.92	126 3-	1/0 ACSR 6/1	857	778	625	276	609	13	6	0.01	1.36	12
D37-77-P161+	37770014	12.92	107 1-	REC-35-E	0	0	625	276	521	35	101	0.00	2.13	0
37770132+	D37-77-P161	12.98	107 1-	2 ACSR 6/1	0	0	622	275	521	35	20	0.03	2.16	13
37760078+	37770132	13.03	106 1-	2 ACSR 6/1	0	0	619	274	514	34	19	0.03	2.19	11
37760079+	37760078	13.07	105 1-	2 ACSR 6/1	0	0	617	274	506	34	19	0.02	2.21	7
37760080+	37760079	13.11	105 1-	2 ACSR 6/1	0	0	615	274	506	34	19	0.02	2.23	8
37760074+	37760080	13.16	102 1-	2 ACSR 6/1	0	0	613	273	492	33	19	0.02	2.26	10
37760075+	37760074	13.22	18 1-	2 ACSR 6/1	0	0	610	272	95	6	4	0.01	2.26	0
37760076+	37760075	13.27	17 1-	2 ACSR 6/1	0	0	607	272	89	6	3	0.00	2.27	0
37760088+	37760076	13.37	16 1-	2 ACSR 6/1	0	0	602	271	78	5	3	0.01	2.27	0
37760089+	37760088	13.39	16 1-	2 ACSR 6/1	0	0	601	271	78	5	3	0.00	2.28	0
37760090+	37760089	13.45	15 1-	2 ACSR 6/1	0	0	598	270	75	5	3	0.00	2.28	0
37760065+	37760090	13.49	13 1-	2 ACSR 6/1	0	0	596	270	66	4	3	0.00	2.28	0
37760067+	37760065	13.52	10 1-	2 ACSR 6/1	0	0	595	269	54	3	2	0.00	2.28	0
37760062+	37760067	13.57	8 1-	2 ACSR 6/1	0	0	593	269	48	3	2	0.00	2.29	0
37760063+	37760062	13.62	6 1-	2 ACSR 6/1	0	0	590	268	35	2	1	0.00	2.29	0
37760068+	37760063	13.69	4 1-	2 ACSR 6/1	0	0	587	268	28	1	1	0.00	2.29	0
37760069+	37760068	13.75	3 1-	2 ACSR 6/1	0	0	584	267	16	1	1	0.00	2.29	0
37760071+	37760069	13.89	1 1-	2 ACSR 6/1	0	0	578	266	7	0	0	0.00	2.29	0
37760070+	37760069	13.76	2 1-	2 ACSR 6/1	0	0	583	267	9	0	0	0.00	2.29	0
37760066+	37760065	13.54	2 1-	2 ACSR 6/1	0	0	594	269	12	0	0	0.00	2.28	0
37760091+	37760090	13.49	2 1-	2 ACSR 6/1	0	0	596	270	9	0	0	0.00	2.28	0
37760077+	37760076	13.42	1 1-	2 ACSR 6/1	0	0	600	270	11	0	0	0.00	2.27	0
37760073+	37760074	13.26	81 1-	2 ACSR 6/1	0	0	608	272	384	26	15	0.04	2.29	12
37760082+	37760073	13.33	80 1-	2 ACSR 6/1	0	0	604	271	379	25	14	0.03	2.32	9
37760083+	37760082	13.41	79 1-	2 ACSR 6/1	0	0	600	271	376	25	14	0.03	2.35	9
37760084+	37760083	13.44	76 1-	2 ACSR 6/1	0	0	599	270	370	25	14	0.01	2.37	4
37760085+	37760084	13.50	74 1-	2 ACSR 6/1	0	0	596	270	359	24	14	0.02	2.39	6
37760086+	37760085	13.58	68 1-	2 ACSR 6/1	0	0	592	269	331	22	13	0.03	2.41	7
37760059+	37760086	13.73	63 1-	2 ACSR 6/1	0	0	585	267	305	20	12	0.05	2.46	12
37760060+	37760059	13.79	63 1-	2 ACSR 6/1	0	0	582	267	305	20	12	0.02	2.48	5
37760061+	37760060	13.89	61 1-	2 ACSR 6/1	0	0	578	266	297	20	11	0.03	2.51	7
37760056+	37760061	13.97	53 1-	2 ACSR 6/1	0	0	574	265	260	17	10	0.02	2.53	4
37760098+	37760056	14.02	1 1-	2 ACSR 6/1	0	0	572	264	7	0	0	0.00	2.53	0
37760057+	37760056	14.05	51 1-	2 ACSR 6/1	0	0	570	264	254	17	10	0.02	2.55	4
37760058+	37760057	14.08	11 1-	2 ACSR 6/1	0	0	569	264	41	2	2	0.00	2.55	0
37760006+	37760058	14.14	11 1-	2 ACSR 6/1	0	0	567	263	41	2	2	0.00	2.56	0
37760005+	37760006	14.48	0 1-	2 ACSR 6/1	0	0	552	260	0	0	0	0.00	2.56	0
37760004+	37760006	14.17	2 1-	2 ACSR 6/1	0	0	565	263	12	0	0	0.00	2.56	0
37760002+	37760006	14.19	8 1-	2 ACSR 6/1	0	0	564	263	28	1	1	0.00	2.56	0
37760094+	37760002	14.21	6 1-	2 ACSR 6/1	0	0	563	263	26	1	1	0.00	2.56	0
37760095+	37760094	14.28	4 1-	2 ACSR 6/1	0	0	560	262	21	1	1	0.00	2.56	0
37760096+	37760095	14.32	1 1-	2 ACSR 6/1	0	0	559	262	5	0	0	0.00	2.56	0
37760093+	37760002	14.36	1 1-	2 ACSR 6/1	0	0	557	261	1	0	0	0.00	2.56	0
37760007+	37760057	14.11	40 1-	2 ACSR 6/1	0	0	568	264	213	14	8	0.01	2.57	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37760072+	37760007	14.35	39 1-	2 ACSR 6/1	0	0	557	261	208	14	8	0.05	2.62	8
37750028+	37760072	14.41	38 1-	2 ACSR 6/1	0	0	555	261	197	13	7	0.01	2.63	2
37750025+	37750028	14.51	3 1-	2 ACSR 6/1	0	0	551	260	17	1	1	0.00	2.63	0
37750027+	37750025	14.53	2 1-	2 ACSR 6/1	0	0	550	260	12	0	0	0.00	2.63	0
37750024+	37750028	14.61	34 1-	2 ACSR 6/1	0	0	547	259	172	11	7	0.03	2.66	5
37750016+	37750024	14.62	3 1-	2 ACSR 6/1	0	0	546	259	16	1	1	0.00	2.66	0
37750017+	37750016	14.67	1 1-	2 ACSR 6/1	0	0	544	258	6	0	0	0.00	2.66	0
37750003+	37750024	14.70	31 1-	2 ACSR 6/1	0	0	543	258	156	10	6	0.01	2.68	2
37750018+	37750003	14.74	1 1-	2 ACSR 6/1	0	0	541	258	4	0	0	0.00	2.68	0
37750004+	37750003	14.77	30 1-	2 ACSR 6/1	0	0	540	257	152	10	6	0.01	2.69	1
37750022+	37750004	14.86	27 1-	2 ACSR 6/1	0	0	536	257	137	9	5	0.01	2.70	1
37750023+	37750022	14.95	26 1-	2 ACSR 6/1	0	0	533	256	130	8	5	0.01	2.71	1
37750026+	37750023	15.04	25 1-	2 ACSR 6/1	0	0	529	255	122	8	5	0.01	2.72	0
37850016+	37750026	15.12	24 1-	2 ACSR 6/1	0	0	526	254	114	7	4	0.01	2.73	0
37850017+	37850016	15.16	21 1-	2 ACSR 6/1	0	0	525	254	92	6	3	0.00	2.74	0
37850018+	37850017	15.20	17 1-	2 ACSR 6/1	0	0	523	253	67	4	3	0.00	2.74	0
37850020+	37850018	15.26	2 1-	2 ACSR 6/1	0	0	521	253	12	0	0	0.00	2.74	0
37850021+	37850020	15.39	1 1-	2 ACSR 6/1	0	0	516	252	7	0	0	0.00	2.74	0
37850022+	37850018	15.24	10 1-	2 ACSR 6/1	0	0	522	253	37	2	1	0.00	2.74	0
37850023+	37850022	15.36	7 1-	2 ACSR 6/1	0	0	517	252	23	1	1	0.00	2.74	0
37850024+	37850023	15.42	5 1-	2 ACSR 6/1	0	0	515	252	16	1	1	0.00	2.74	0
37850025+	37850024	15.47	5 1-	2 ACSR 6/1	0	0	513	251	16	1	1	0.00	2.74	0
37850026+	37850025	15.62	4 1-	2 ACSR 6/1	0	0	508	250	12	0	0	0.00	2.75	0
37850027+	37850026	15.66	3 1-	2 ACSR 6/1	0	0	506	249	10	0	0	0.00	2.75	0
37850028+	37850027	15.73	0 1-	2 ACSR 6/1	0	0	504	249	0	0	0	0.00	2.75	0
37850019+	37850018	15.22	2 1-	2 ACSR 6/1	0	0	522	253	12	0	0	0.00	2.74	0
37850015+	37850016	15.15	1 1-	2 ACSR 6/1	0	0	525	254	8	0	0	0.00	2.73	0
37750019+	37750004	14.81	3 1-	2 ACSR 6/1	0	0	538	257	15	1	1	0.00	2.69	0
37750020+	37750019	14.84	2 1-	2 ACSR 6/1	0	0	537	257	14	0	1	0.00	2.69	0
37750021+	37750020	14.86	1 1-	2 ACSR 6/1	0	0	536	256	3	0	0	0.00	2.69	0
37760097+	37760007	14.16	1 1-	2 ACSR 6/1	0	0	566	263	5	0	0	0.00	2.57	0
37760052+	37760061	13.92	7 1-	2 ACSR 6/1	0	0	576	265	34	2	1	0.00	2.51	0
37760053+	37760052	13.94	4 1-	2 ACSR 6/1	0	0	575	265	16	1	1	0.00	2.51	0
37760055+	37760053	13.97	1 1-	2 ACSR 6/1	0	0	574	265	1	0	0	0.00	2.51	0
37760054+	37760053	13.96	3 1-	2 ACSR 6/1	0	0	574	265	16	1	1	0.00	2.51	0
37760003+	37760086	13.60	1 1-	2 ACSR 6/1	0	0	591	269	3	0	0	0.00	2.41	0
37760081+	37760074	13.22	3 1-	2 ACSR 6/1	0	0	610	272	13	0	0	0.00	2.26	0
37770067+	37770014	13.00	7 1-	2 ACSR 6/1	0	0	621	275	26	1	1	0.00	0.69	0
37760087+	37770067	13.03	6 1-	2 ACSR 6/1	0	0	619	274	23	1	1	0.00	0.69	0
37770093+	37770014	12.98	9 1-	2 ACSR 6/1	0	0	622	275	43	2	2	0.00	1.26	0
37770094+	37770093	13.07	8 1-	2 ACSR 6/1	0	0	617	274	43	2	2	0.00	1.26	0
37770095+	37770094	13.10	6 1-	2 ACSR 6/1	0	0	616	274	34	2	1	0.00	1.27	0
37770096+	37770095	13.12	4 1-	2 ACSR 6/1	0	0	615	273	22	1	1	0.00	1.27	0
37770123+	37770096	13.15	2 1-	2 ACSR 6/1	0	0	613	273	11	0	0	0.00	1.27	0
37770125+	37770123	13.19	1 1-	2 ACSR 6/1	0	0	611	273	4	0	0	0.00	1.27	0
37770124+	37770123	13.20	1 1-	2 ACSR 6/1	0	0	611	273	6	0	0	0.00	1.27	0
37770073+	37770014	12.98	2 1-	2 ACSR 6/1	0	0	622	275	15	1	1	0.00	1.26	0
37770072+	37770014	12.97	1 1-	2 ACSR 6/1	0	0	622	275	3	0	0	0.00	1.26	0
37770012+	37670022	12.33	2 1-	2 ACSR 6/1	0	0	652	280	20	1	1	0.00	0.66	0
37670024+	37770012	12.36	1 1-	2 ACSR 6/1	0	0	650	280	7	0	0	0.00	0.66	0
37670023+	37770012	12.38	1 1-	2 ACSR 6/1	0	0	649	280	13	0	0	0.00	0.66	0
37670027+	37670026	12.02	5 1-	2 ACSR 6/1	0	0	667	283	14	0	1	0.00	1.26	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37590013+	37590012	9.38	22 1-	2 ACSR 6/1	0	0	821	303	102	6	4	0.01	0.42	0
D37-59-P023+	37590013	9.38	22 1-	REC-35-E	0	0	821	303	102	6	20	0.00	0.42	0
37590014+	D37-59-P023	9.46	22 1-	2 ACSR 6/1	0	0	814	302	102	6	4	0.01	0.43	0
37590066+	37590014	9.49	19 1-	2 ACSR 6/1	0	0	811	301	88	5	3	0.00	0.43	0
37590067+	37590066	9.54	16 1-	2 ACSR 6/1	0	0	807	301	76	5	3	0.00	0.43	0
37590071+	37590067	9.58	11 1-	2 ACSR 6/1	0	0	804	300	40	2	1	0.00	0.44	0
37590046+	37590071	9.61	10 1-	2 ACSR 6/1	0	0	801	300	31	2	1	0.00	0.44	0
38520072+	37590046	9.66	6 1-	2 ACSR 6/1	0	0	797	299	15	1	1	0.00	0.44	0
38520107+	38520072	9.69	3 1-	2 ACSR 6/1	0	0	794	299	8	0	0	0.00	0.44	0
38520104+	38520107	9.72	2 1-	2 ACSR 6/1	0	0	792	298	3	0	0	0.00	0.44	0
37590068+	37590067	9.57	4 1-	2 ACSR 6/1	0	0	804	300	24	1	1	0.00	0.44	0
37590069+	37590068	9.59	2 1-	2 ACSR 6/1	0	0	802	300	13	0	1	0.00	0.44	0
37590070+	37590069	9.65	1 1-	2 ACSR 6/1	0	0	798	299	8	0	0	0.00	0.44	0
37590010+	37590068	9.64	2 1-	2 ACSR 6/1	0	0	798	299	11	0	0	0.00	0.44	0
38520106+	37590010	9.70	1 1-	2 ACSR 6/1	0	0	793	299	6	0	0	0.00	0.44	0
38520105+	37590010	9.66	1 1-	2 ACSR 6/1	0	0	797	299	4	0	0	0.00	0.44	0
37590065+	37590066	9.53	1 1-	2 ACSR 6/1	0	0	808	301	5	0	0	0.00	0.43	0
37590063+	37590014	9.48	2 1-	2 ACSR 6/1	0	0	812	301	9	0	0	0.00	0.43	0
37590064+	37590063	9.53	1 1-	2 ACSR 6/1	0	0	808	301	3	0	0	0.00	0.43	0
37590045+	38520017	9.15	1 1-	2 ACSR 6/1	0	0	835	304	9	0	0	0.00	0.38	0
38520071+	38620003	9.04	1 1-	2 ACSR 6/1	0	0	844	305	10	0	0	0.00	0.37	0
38620004+	38520022	9.19	0 1-	2 ACSR 6/1	0	0	827	302	0	0	0	0.00	0.59	0
38520019+	38520018	8.61	2 3-	4/0 ACSR 6/1	1163	1076	875	308	12	0	0	0.00	0.32	0
38520108+	38520019	8.68	1 3-	4/0 ACSR 6/1	1157	1071	870	307	3	0	0	0.00	0.32	0
38520076+	38520019	8.67	1 1-	2 ACSR 6/1	0	0	869	307	8	0	0	0.00	0.30	0
38520077+	38520087	8.28	9 1-	2 ACSR 6/1	0	0	898	309	41	2	2	0.00	0.23	0
38520078+	38520077	8.35	8 1-	2 ACSR 6/1	0	0	891	309	35	2	1	0.00	0.23	0
38520090+	38520078	8.45	2 1-	2 ACSR 6/1	0	0	881	307	9	0	0	0.00	0.23	0
38520079+	38520078	8.40	4 1-	2 ACSR 6/1	0	0	886	308	21	1	1	0.00	0.23	0
38520086+	38520095	8.19	1 1-	2 ACSR 6/1	0	0	905	310	7	0	0	0.00	0.25	0
38530034+	38530036	7.15	0 1-	2 ACSR 6/1	0	0	995	317	0	0	0	0.00	0.01	0
20851245+	20851126	6.78	2 1-	2 ACSR 6/1	0	0	1031	319	5	0	0	0.00	2.67	0
20851246+	20851245	6.83	1 1-	2 ACSR 6/1	0	0	1024	319	4	0	0	0.00	2.67	0
38430025+	38430024	6.29	1 1-	2 ACSR 6/1	0	0	1083	323	7	0	0	0.00	1.54	0
38430011+	38430010	6.23	1 1-	2 ACSR 6/1	0	0	1090	323	8	0	0	0.00	2.51	0
38450058+	38450057	4.08	0 1-	2 ACSR 6/1	0	0	1400	338	0	0	0	0.00	0.77	0
38360072+	38360074	3.29	3 1-	2 ACSR 6/1	0	0	1562	343	12	0	0	0.00	0.95	0
38360071+	38360074	3.42	0 1-	2 ACSR 6/1	0	0	1525	341	0	0	0	0.00	0.65	0
20850930+	38360030	2.52	36 1-	2 ACSR 6/1	0	0	1760	349	174	11	7	0.01	1.26	0
D38-36-P039+	20850930	2.52	35 1-	REC-50-E	0	0	1760	349	170	11	23	0.00	1.26	0
20850981+	D38-36-P039	2.57	35 1-	2 ACSR 6/1	0	0	1741	348	170	11	6	0.01	1.27	1
20850983+	20850981	2.66	32 1-	2 ACSR 6/1	0	0	1709	347	154	10	6	0.01	1.28	2
20851042+	20850983	2.75	5 1-	2 ACSR 6/1	0	0	1676	345	33	2	1	0.00	1.28	0
20850964+	20851042	2.84	1 1-	2 ACSR 6/1	0	0	1647	344	10	0	0	0.00	1.29	0
20851056+	20850964	2.96	1 1-	2 ACSR 6/1	0	0	1608	342	10	0	0	0.00	1.29	0
20851041+	20850983	2.70	1 1-	2 ACSR 6/1	0	0	1696	346	6	0	0	0.00	1.28	0
20851040+	20850983	2.68	26 1-	2 ACSR 6/1	0	0	1700	346	115	7	4	0.00	1.29	0
38360060+	20851040	2.72	24 1-	2 ACSR 6/1	0	0	1686	346	102	6	4	0.00	1.29	0
38360057+	38360060	2.78	23 1-	2 ACSR 6/1	0	0	1669	345	95	6	4	0.00	1.29	0
38370040+	38360057	2.79	21 1-	2 ACSR 6/1	0	0	1663	345	86	5	3	0.00	1.30	0
38370041+	38370040	2.81	20 1-	2 ACSR 6/1	0	0	1657	344	82	5	3	0.00	1.30	0
38370042+	38370041	2.84	19 1-	2 ACSR 6/1	0	0	1647	344	77	5	3	0.00	1.30	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX L/LG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
38370046+	38370042	2.90	13 1-	2 ACSR 6/1	0	0	1626	343	51	3	2	0.00	1.30	0
38370047+	38370046	2.96	11 1-	2 ACSR 6/1	0	0	1609	342	47	3	2	0.00	1.31	0
38370048+	38370047	2.99	10 1-	2 ACSR 6/1	0	0	1599	342	44	2	2	0.00	1.31	0
38370049+	38370048	3.02	9 1-	2 ACSR 6/1	0	0	1588	341	40	2	1	0.00	1.31	0
38370050+	38370049	3.07	5 1-	2 ACSR 6/1	0	0	1574	340	32	2	1	0.00	1.31	0
38370051+	38370050	3.12	2 1-	2 ACSR 6/1	0	0	1559	340	12	0	0	0.00	1.31	0
38370043+	38370042	2.88	5 1-	2 ACSR 6/1	0	0	1634	343	21	1	1	0.00	1.30	0
38370044+	38370043	2.90	2 1-	2 ACSR 6/1	0	0	1628	343	6	0	0	0.00	1.30	0
38370045+	38370044	2.92	1 1-	2 ACSR 6/1	0	0	1621	343	6	0	0	0.00	1.30	0
20850927+	20851040	2.74	2 1-	2 ACSR 6/1	0	0	1679	345	13	0	0	0.00	1.29	0
20850982+	20850981	2.62	0 1-	2 ACSR 6/1	0	0	1721	347	0	0	0	0.00	1.27	0
20850929+	38360029	2.46	1 1-	2 ACSR 6/1	0	0	1778	349	0	0	0	0.00	0.69	0
20850928+	38360028	2.45	1 1-	2 ACSR 6/1	0	0	1778	349	8	0	0	0.00	0.68	0
38270048+	38270046	1.38	3 1-	2 ACSR 6/1	0	0	2157	357	14	0	1	0.00	0.38	0
38270049+	38270048	1.41	3 1-	2 ACSR 6/1	0	0	2145	356	14	0	1	0.00	0.38	0
38280009+	38280067	0.62	20 3-	1/0 ACSR 6/1	2563	2567	2533	362	261	6	3	0.00	0.22	0
D38-28-P013+	38280009	0.62	20 3-	REC-50-E	2563	2567	2533	362	261	6	12	0.00	0.22	0
38280068+	D38-28-P013	0.67	20 3-	1/0 ACSR 6/1	2543	2544	2504	362	261	6	3	0.00	0.22	0
38280088+	38280068	0.69	8 1-	2 ACSR 6/1	0	0	2487	361	42	2	2	0.00	0.18	0
38280089+	38280088	0.74	7 1-	2 ACSR 6/1	0	0	2458	361	36	2	1	0.00	0.18	0
38280083+	38280089	0.75	5 1-	2 ACSR 6/1	0	0	2448	360	26	1	1	0.00	0.18	0
38280087+	38280068	0.70	1 1-	2 ACSR 6/1	0	0	2481	361	13	0	0	0.00	0.18	0
38280077+	38280068	0.74	10 3-	1/0 ACSR 6/1	2513	2510	2460	361	199	4	2	0.01	0.23	0
38280071+	38280077	1.00	9 3-	1/0 ACSR 6/1	2410	2393	2314	358	199	4	2	0.02	0.24	2
38280072+	38280071	1.15	9 3-	1/0 ACSR 6/1	2349	2325	2231	356	199	4	2	0.02	0.25	1
38280078+	38280072	1.17	9 3-	1/0 ACSR 6/1	2342	2317	2221	356	199	4	2	0.00	0.25	0
38280079+	38280078	1.21	8 3-	1/0 ACSR 6/1	2327	2299	2200	356	140	3	1	0.00	0.25	0
38280081+	38280079	1.25	4 3-	1/0 ACSR 6/1	2313	2284	2182	355	127	2	1	0.00	0.25	0
38280094+	38280081	1.29	3 3-	1/0 ACSR 6/1	2301	2270	2165	355	91	2	1	0.00	0.25	0
38280096+	38280094	1.34	1 3-	2 ACSR 6/1	2280	2246	2138	354	3	0	0	0.00	0.25	0
38280095+	38280094	1.31	2 3-	1/0 ACSR 6/1	2292	2260	2154	355	88	2	1	0.00	0.25	0
38280070+	38280095	1.35	2 3-	1/0 ACSR 6/1	2278	2243	2135	354	88	2	1	0.00	0.25	0
38280082+	38280070	1.41	2 3-	1/0 ACSR 6/1	2256	2219	2106	354	88	2	1	0.00	0.25	0
38290061+	38280082	1.44	1 3-	1/0 ACSR 6/1	2246	2208	2093	353	4	0	0	0.00	0.25	0
38290062+	38290061	1.56	1 1-	2 ACSR 6/1	0	0	2033	351	4	0	0	0.00	0.23	0
38290004+	38290061	1.47	0 1-	2 ACSR 6/1	0	0	2075	353	0	0	0	0.00	0.23	0
38280080+	38280079	1.25	4 1-	2 ACSR 6/1	0	0	2183	355	13	0	0	0.00	0.20	0

CKT 4 total losses: \$8,347

SUB 103 total losses: \$11,856

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 641 OVENFORK(641)		949			1294	1303	1379	353	7031					
SUB 641, CKT 1														
BK641-01+	OVENFORK(641)	0.00	542 3-	BK64101	1294	1303	1379	353	3012	66 39	0.00	0.00	0.00	0
34690029+	BK641-01	0.04	542 3-	1/0 ACSR 6/1	1291	1299	1372	352	3012	66 29	0.03	0.02	0.02	53
34690033+	34690029	0.04	0 3-	1/0 ACSR 6/1	1290	1299	1372	352	0	0 0	0.00	0.00	0.02	0
34-69-P072-B+	34690033	0.04	0 3-	Open	1290	1299	1372	352	0	0 0	0.00	0.00	0.02	0
34690031+	34690029	0.11	542 3-	1/0 ACSR 6/1	1282	1290	1359	352	3011	66 29	0.07	0.06	0.06	115
D34-69-P049+	34690031	0.11	8 1-	REC-50-E	0	0	1359	352	46	3 6	0.00	0.01	0.01	0
34690099+	D34-69-P049	0.19	8 1-	2 ACSR 6/1	0	0	1344	350	46	3 2	0.00	0.01	0.01	0
34690072+	34690099	0.22	8 1-	2 ACSR 6/1	0	0	1339	350	46	3 2	0.00	0.02	0.02	0
34690071+	34690072	0.27	1 1-	2 ACSR 6/1	0	0	1329	349	11	0 0	0.00	0.00	0.02	0
34690070+	34690072	0.31	7 1-	2 ACSR 6/1	0	0	1321	348	35	2 1	0.00	0.02	0.02	0
34690098+	34690070	0.37	0 1-	2 ACSR 6/1	0	0	1310	347	0	0 0	0.00	0.00	0.02	0
34690097+	34690070	0.39	5 1-	2 ACSR 6/1	0	0	1305	347	31	2 1	0.00	0.00	0.02	0
34690096+	34690097	0.48	4 1-	2 ACSR 6/1	0	0	1289	346	30	2 1	0.00	0.00	0.02	0
34690073+	34690096	0.50	3 1-	2 ACSR 6/1	0	0	1286	345	23	1 1	0.00	0.00	0.02	0
34690078+	34690073	0.54	2 1-	2 ACSR 6/1	0	0	1278	345	16	1 1	0.00	0.00	0.02	0
34690077+	34690078	0.59	1 1-	2 ACSR 6/1	0	0	1270	344	8	0 0	0.00	0.00	0.02	0
34690100+	34690031	0.46	534 3-	1/0 ACSR 6/1	1246	1251	1299	348	2965	65 29	0.32	0.24	0.24	510
34690091+	34690100	0.86	534 3-	1/0 ACSR 6/1	1205	1206	1235	343	2960	65 29	0.37	0.44	0.44	592
34690092+	34690091	0.88	10 1-	2 ACSR 6/1	0	0	1231	343	40	2 1	0.00	0.00	0.06	0
D34-69-P019+	34690092	0.88	9 1-	FUS	0	0	1231	343	32	2 48	0.00	0.00	0.06	0
34690105+	D34-69-P019	0.92	9 1-	2 ACSR 6/1	0	0	1226	342	32	2 1	0.00	0.00	0.07	0
34690079+	34690105	0.98	4 1-	2 ACSR 6/1	0	0	1215	341	13	0 0	0.00	0.00	0.07	0
34690080+	34690079	1.04	1 1-	2 ACSR 6/1	0	0	1205	340	7	0 0	0.00	0.00	0.07	0
34690081+	34690079	1.03	1 1-	2 ACSR 6/1	0	0	1207	341	1	0 0	0.00	0.00	0.07	0
34690082+	34690105	0.98	5 1-	2 ACSR 6/1	0	0	1216	341	19	1 1	0.00	0.00	0.07	0
34690083+	34690082	1.01	4 1-	2 ACSR 6/1	0	0	1210	341	17	1 1	0.00	0.00	0.07	0
34690086+	34690083	1.06	2 1-	2 ACSR 6/1	0	0	1202	340	11	0 0	0.00	0.00	0.07	0
34690087+	34690086	1.13	1 1-	2 ACSR 6/1	0	0	1190	339	10	0 0	0.00	0.00	0.07	0
34690085+	34690083	1.04	2 1-	2 ACSR 6/1	0	0	1204	340	5	0 0	0.00	0.00	0.07	0
34690090+	34690091	0.93	523 3-	1/0 ACSR 6/1	1198	1198	1224	342	2914	64 28	0.07	0.48	0.48	106
34690084+	34690090	1.04	519 3-	1/0 ACSR 6/1	1188	1186	1208	341	2882	64 28	0.10	0.54	0.54	157
34690088+	34690084	1.07	1 1-	2 ACSR 6/1	0	0	1203	341	10	0 0	0.00	0.00	0.95	0
34690028+	34690084	1.17	518 3-	1/0 ACSR 6/1	1176	1173	1190	340	2870	63 28	0.11	0.60	0.60	175
34690089+	34690028	1.23	2 1-	2 ACSR 6/1	0	0	1179	339	8	0 0	0.00	0.00	0.66	0
34690074+	34690089	1.27	0 1-	2 ACSR 6/1	0	0	1173	338	0	0 0	0.00	0.00	0.66	0
34690102+	34690028	1.23	516 3-	1/0 ACSR 6/1	1170	1166	1181	339	2860	63 28	0.06	0.63	0.63	89
34690103+	34690102	1.34	514 3-	1/0 ACSR 6/1	1160	1155	1166	338	2847	63 28	0.09	0.68	0.68	150
34790021+	34690103	1.41	1 1-	2 ACSR 6/1	0	0	1154	337	0	0 0	0.00	0.00	0.75	0
34790013+	34690103	1.41	511 3-	1/0 ACSR 6/1	1153	1147	1156	337	2841	63 28	0.06	0.72	0.72	101
34790014+	34790013	1.55	511 3-	1/0 ACSR 6/1	1140	1133	1137	336	2840	63 28	0.12	0.79	0.79	192
34790018+	34790014	1.58	3 1-	2 ACSR 6/1	0	0	1132	335	17	1 1	0.00	0.00	0.09	0
34790019+	34790018	1.62	3 1-	2 ACSR 6/1	0	0	1126	335	17	1 1	0.00	0.00	0.09	0
34790015+	34790019	1.66	2 1-	2 ACSR 6/1	0	0	1121	334	16	1 1	0.00	0.00	0.09	0
34790016+	34790015	1.69	1 1-	2 ACSR 6/1	0	0	1116	334	9	0 0	0.00	0.00	0.09	0
34790020+	34790014	1.65	1 1-	2 ACSR 6/1	0	0	1121	334	11	0 0	0.00	0.00	0.87	0
34790003+	34790014	1.87	507 3-	1/0 ACSR 6/1	1111	1100	1095	332	2810	62 27	0.29	0.95	0.95	449
34780035+	34790003	2.07	505 3-	1/0 ACSR 6/1	1095	1081	1071	330	2800	62 27	0.17	1.04	0.68	268
34780041+	34780035	2.11	503 3-	1/0 ACSR 6/1	1091	1077	1066	330	2784	62 27	0.04	1.06	0.55	55
D34-78-P018+	34780041	2.11	5 1-	FUS	0	0	1066	330	34	2 53	0.00	1.89	0.00	0
34780061+	D34-78-P018	2.14	5 1-	2 ACSR 6/1	0	0	1061	329	34	2 1	0.00	1.89	0.00	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34780044+	34780061	2.23	3 1-	2 ACSR 6/1	0	0	1050	328	16	1	1	0.00	1.90	0
34780045+	34780044	2.29	2 1-	2 ACSR 6/1	0	0	1043	327	11	0	0	0.00	1.90	0
34780046+	34780045	2.40	2 1-	2 ACSR 6/1	0	0	1028	326	4	0	0	0.00	1.90	0
34780043+	34780061	2.16	2 1-	2 ACSR 6/1	0	0	1059	329	18	1	1	0.00	1.89	0
34780042+	34780041	2.30	495 3-	1/0 ACSR 6/1	1075	1059	1043	328	2734	61	27	0.16	1.15	252
D34-78-P054+	34780042	2.30	7 1-	REC-50-E	0	0	1043	328	44	2	6	0.00	1.29	0
34780004+	D34-78-P054	2.33	7 1-	2 ACSR 6/1	0	0	1040	327	44	2	2	0.00	1.29	0
34780051+	34780004	2.36	6 1-	2 ACSR 6/1	0	0	1036	327	32	2	1	0.00	1.29	0
34780052+	34780051	2.39	5 1-	2 ACSR 6/1	0	0	1032	326	28	1	1	0.00	1.29	0
34780053+	34780052	2.45	4 1-	2 ACSR 6/1	0	0	1024	326	28	1	1	0.00	1.29	0
34780054+	34780053	2.51	0 1-	2 ACSR 6/1	0	0	1017	325	0	0	0	0.00	1.29	0
34780055+	34780053	2.48	3 1-	2 ACSR 6/1	0	0	1020	325	21	1	1	0.00	1.29	0
34780039+	34780055	2.87	2 1-	2 ACSR 6/1	0	0	973	320	13	0	0	0.00	1.30	0
34780040+	34780039	3.01	1 1-	2 ACSR 6/1	0	0	957	318	3	0	0	0.00	1.30	0
34780048+	34780004	2.35	1 1-	2 ACSR 6/1	0	0	1037	327	12	0	0	0.00	1.29	0
34780056+	34780042	2.46	488 3-	1/0 ACSR 6/1	1062	1045	1026	326	2688	60	26	0.13	1.22	196
34780057+	34780056	2.48	487 3-	1/0 ACSR 6/1	1060	1043	1023	326	2679	60	26	0.02	1.24	29
34780059+	34780057	2.74	484 3-	1/0 ACSR 6/1	1039	1020	995	323	2655	59	26	0.22	1.35	322
34780060+	34780059	2.84	482 3-	1/0 ACSR 6/1	1032	1011	985	322	2637	59	26	0.08	1.40	121
34780036+	34780060	2.85	482 3-	1/0 ACSR 6/1	1031	1010	984	322	2636	59	26	0.01	1.40	14
D34-78-P075+	34780036	2.85	482 3-	ER3-RVE-240/140	1031	1010	984	322	2636	59	49	0.00	1.40	0
34780037+	D34-78-P075	2.94	482 3-	1/0 ACSR 6/1	1024	1002	975	321	2636	59	26	0.08	1.44	110
34780038+	34780037	3.13	480 3-	1/0 ACSR 6/1	1010	986	955	319	2626	59	26	0.16	1.53	236
34780050+	34780038	3.30	477 3-	1/0 ACSR 6/1	997	972	939	318	2608	58	26	0.15	1.61	208
34-88-P024-B+	34780050	3.30	477 3-	Closed	997	972	939	318	2606	58	0	0.00	1.61	0
34-88-P024-A+	34-88-P024-B	3.30	477 3-	Closed	997	972	939	318	2606	58	0	0.00	1.61	0
34880007+	34-88-P024-A	3.31	477 3-	1/0 ACSR 6/1	997	972	938	318	2606	58	26	0.01	1.61	10
34880006+	34880007	3.37	428 3-	1/0 ACSR 6/1	992	967	932	317	2368	53	23	0.05	1.64	60
34870137+	34880006	3.57	425 3-	1/0 ACSR 6/1	978	951	914	315	2357	53	23	0.14	1.72	187
34870217+	34870137	3.68	5 1-	2 ACSR 6/1	0	0	902	314	22	1	1	0.00	3.11	0
34870218+	34870137	3.61	419 3-	1/0 ACSR 6/1	974	947	910	315	2333	52	23	0.03	1.74	43
34870138+	34870218	3.75	418 3-	1/0 ACSR 6/1	965	937	898	313	2331	52	23	0.09	1.79	123
34870146+	34870138	3.79	415 3-	1/0 ACSR 6/1	962	933	894	313	2240	50	22	0.03	1.81	40
34870147+	34870146	3.84	414 3-	1/0 ACSR 6/1	959	930	890	312	2240	50	22	0.03	1.83	40
34870148+	34870147	3.90	414 3-	1/0 ACSR 6/1	955	926	885	312	2239	50	22	0.04	1.85	47
D34-87-P081+	34870148	3.90	66 1-	REC-50-E	0	0	885	312	399	27	54	0.00	3.33	0
34870221+	D34-87-P081	3.93	66 1-	2 ACSR 6/1	0	0	882	312	399	27	15	0.01	3.35	4
34870175+	34870221	4.02	62 1-	2 ACSR 6/1	0	0	873	310	390	26	15	0.04	3.38	12
34870160+	34870175	4.09	2 1-	2 ACSR 6/1	0	0	866	309	13	0	0	0.00	3.38	0
34870178+	34870175	4.10	54 1-	2 ACSR 6/1	0	0	866	309	343	23	13	0.03	3.41	7
34870181+	34870178	4.18	49 1-	2 ACSR 6/1	0	0	858	308	302	20	11	0.02	3.43	6
34870167+	34870181	4.28	7 1-	2 ACSR 6/1	0	0	848	307	57	3	2	0.00	3.44	0
34870168+	34870167	4.32	4 1-	2 ACSR 6/1	0	0	845	306	36	2	1	0.00	3.44	0
34870170+	34870168	4.39	3 1-	2 ACSR 6/1	0	0	839	306	29	1	1	0.00	3.44	0
34870169+	34870168	4.38	1 1-	2 ACSR 6/1	0	0	840	306	7	0	0	0.00	3.44	0
34870173+	34870181	4.23	34 1-	2 ACSR 6/1	0	0	853	308	196	13	7	0.01	3.44	1
34870185+	34870173	4.40	25 1-	2 ACSR 6/1	0	0	838	306	147	10	6	0.02	3.46	3
34870186+	34870185	4.44	21 1-	2 ACSR 6/1	0	0	835	305	127	8	5	0.00	3.47	0
34870187+	34870186	4.47	20 1-	2 ACSR 6/1	0	0	831	305	118	8	4	0.00	3.47	0
34870206+	34870187	4.55	1 1-	2 ACSR 6/1	0	0	824	304	8	0	0	0.00	3.47	0
34870188+	34870187	4.50	2 1-	2 ACSR 6/1	0	0	829	304	8	0	0	0.00	3.47	0
34870215+	34870187	4.54	15 1-	2 ACSR 6/1	0	0	825	304	79	5	3	0.00	3.48	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34870133+	34870215	4.61	1 1-	2 ACSR 6/1	0	0	819	303	5	0	0	0.00	3.48	0
34870216+	34870215	4.59	12 1-	2 ACSR 6/1	0	0	821	303	61	4	2	0.00	3.48	0
34870223+	34870216	4.66	1 1-	2 ACSR 6/1	0	0	815	302	6	0	0	0.00	3.48	0
34970003+	34870223	4.73	0 1-	2 ACSR 6/1	0	0	809	301	0	0	0	0.00	3.48	0
34870200+	34870216	4.61	7 1-	2 ACSR 6/1	0	0	819	303	34	2	1	0.00	3.48	0
34870224+	34870200	4.65	2 1-	2 ACSR 6/1	0	0	816	302	8	0	0	0.00	3.48	0
34970004+	34870224	4.70	2 1-	2 ACSR 6/1	0	0	811	302	8	0	0	0.00	3.48	0
34870222+	34870200	4.66	1 1-	2 ACSR 6/1	0	0	815	302	4	0	0	0.00	3.48	0
34870199+	34870200	4.66	4 1-	2 ACSR 6/1	0	0	815	302	22	1	1	0.00	3.48	0
34870184+	34870173	4.28	4 1-	2 ACSR 6/1	0	0	849	307	20	1	1	0.00	3.44	0
34870171+	34870184	4.33	2 1-	2 ACSR 6/1	0	0	844	306	7	0	0	0.00	3.44	0
34870172+	34870171	4.37	2 1-	2 ACSR 6/1	0	0	840	306	7	0	0	0.00	3.44	0
34870182+	34870181	4.31	6 1-	2 ACSR 6/1	0	0	846	307	28	1	1	0.00	3.44	0
34870194+	34870182	4.40	5 1-	2 ACSR 6/1	0	0	838	305	20	1	1	0.00	3.44	0
34870195+	34870194	4.42	4 1-	2 ACSR 6/1	0	0	835	305	20	1	1	0.00	3.44	0
34870196+	34870195	4.47	3 1-	2 ACSR 6/1	0	0	831	305	12	0	0	0.00	3.44	0
34870203+	34870196	4.53	1 1-	2 ACSR 6/1	0	0	826	304	6	0	0	0.00	3.44	0
34870031+	34870196	4.51	2 1-	2 ACSR 6/1	0	0	828	304	6	0	0	0.00	3.44	0
34870205+	34870031	4.58	0 1-	2 ACSR 6/1	0	0	822	303	0	0	0	0.00	3.44	0
34870204+	34870031	4.63	2 1-	2 ACSR 6/1	0	0	818	303	6	0	0	0.00	3.44	0
34870193+	34870182	4.37	0 1-	2 ACSR 6/1	0	0	840	306	0	0	0	0.00	3.44	0
34870161+	34870182	4.37	1 1-	2 ACSR 6/1	0	0	840	306	8	0	0	0.00	3.44	0
34870179+	34870178	4.13	3 1-	2 ACSR 6/1	0	0	862	309	28	1	1	0.00	3.41	0
34870180+	34870179	4.16	2 1-	2 ACSR 6/1	0	0	860	309	18	1	1	0.00	3.41	0
34870176+	34870175	4.10	5 1-	2 ACSR 6/1	0	0	865	309	27	1	1	0.00	3.38	0
34870177+	34870176	4.13	4 1-	2 ACSR 6/1	0	0	863	309	21	1	1	0.00	3.38	0
34870189+	34870177	4.20	1 1-	2 ACSR 6/1	0	0	856	308	7	0	0	0.00	3.38	0
34870149+	34870148	3.94	348 3-	1/0 ACSR 6/1	952	922	881	312	1840	41	18	0.02	1.86	24
34870150+	34870149	4.06	347 3-	1/0 ACSR 6/1	944	913	871	310	1826	41	18	0.05	1.90	60
34870151+	34870150	4.17	346 3-	1/0 ACSR 6/1	937	906	863	309	1816	41	18	0.04	1.93	51
34870152+	34870151	4.39	345 3-	1/0 ACSR 6/1	922	890	845	307	1809	40	18	0.09	1.99	111
34870153+	34870152	4.47	343 3-	1/0 ACSR 6/1	917	884	838	307	1793	40	18	0.03	2.02	41
D34-87-P171+	34870153	4.47	28 1-	REC-50-E	0	0	838	307	152	10	21	0.00	3.56	0
34870032+	D34-87-P171	4.50	28 1-	2 ACSR 6/1	0	0	836	306	152	10	6	0.00	3.57	0
34870154+	34870032	4.60	1 1-	2 ACSR 6/1	0	0	827	305	5	0	0	0.00	3.57	0
34870141+	34870154	4.67	0 1-	2 ACSR 6/1	0	0	821	304	0	0	0	0.00	3.57	0
34870143+	34870032	4.59	27 1-	2 ACSR 6/1	0	0	828	305	147	10	6	0.01	3.58	2
34870207+	34870143	4.66	14 1-	2 ACSR 6/1	0	0	822	304	70	4	3	0.00	3.58	0
34870208+	34870207	4.72	11 1-	2 ACSR 6/1	0	0	817	304	53	3	2	0.00	3.59	0
34870201+	34870208	4.82	10 1-	2 ACSR 6/1	0	0	808	302	47	3	2	0.00	3.59	0
34870202+	34870201	4.97	7 1-	2 ACSR 6/1	0	0	796	300	38	2	1	0.01	3.60	0
34870210+	34870202	5.03	4 1-	2 ACSR 6/1	0	0	791	300	17	1	1	0.00	3.60	0
34870211+	34870210	5.09	2 1-	2 ACSR 6/1	0	0	786	299	13	0	0	0.00	3.60	0
34870213+	34870211	5.19	0 1-	2 ACSR 6/1	0	0	778	298	0	0	0	0.00	3.60	0
34870212+	34870211	5.12	2 1-	2 ACSR 6/1	0	0	783	298	13	0	0	0.00	3.60	0
34870197+	34870202	5.02	3 1-	2 ACSR 6/1	0	0	791	300	22	1	1	0.00	3.60	0
34870198+	34870197	5.11	1 1-	2 ACSR 6/1	0	0	785	299	6	0	0	0.00	3.60	0
34870209+	34870198	5.15	1 1-	2 ACSR 6/1	0	0	781	298	6	0	0	0.00	3.60	0
34870157+	34870143	4.64	11 1-	2 ACSR 6/1	0	0	824	304	61	4	2	0.00	3.58	0
34870158+	34870157	4.67	10 1-	2 ACSR 6/1	0	0	821	304	53	3	2	0.00	3.58	0
34870159+	34870158	4.71	9 1-	2 ACSR 6/1	0	0	818	304	43	2	2	0.00	3.58	0
34870155+	34870159	4.76	6 1-	2 ACSR 6/1	0	0	813	303	30	2	1	0.00	3.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34870156+	34870155	4.78	4 1-	2 ACSR 6/1	0	0	811	303	21	1	1	0.00	3.59	0
34870219+	34870156	4.82	2 1-	2 ACSR 6/1	0	0	808	302	15	1	1	0.00	3.59	0
34870220+	34870219	4.86	1 1-	2 ACSR 6/1	0	0	805	302	7	0	0	0.00	3.59	0
34870214+	34870155	4.82	1 1-	2 ACSR 6/1	0	0	808	302	6	0	0	0.00	3.59	0
34870142+	34870143	4.62	1 1-	2 ACSR 6/1	0	0	825	305	7	0	0	0.00	3.58	0
34870033+	34870153	4.67	315 3-	1/0 ACSR 6/1	905	871	823	305	1641	37	16	0.06	2.07	78
34870128+	34870033	4.83	313 3-	1/0 ACSR 6/1	895	860	812	303	1633	36	16	0.05	2.11	64
C34-86-P49+	34870128	4.83	0 3-	Capacitor	895	860	812	303	0	-7	0	0.00	2.11	0
34860024+	34870128	4.95	313 3-	1/0 ACSR 6/1	887	852	802	302	1633	37	16	0.04	2.15	53
D34-96-P047+	34860024	4.95	13 1-	REC-50-E	0	0	802	302	45	3	6	0.00	3.71	0
34960008+	D34-96-P047	5.03	13 1-	2 ACSR 6/1	0	0	796	301	45	3	2	0.00	3.71	0
34960011+	34960008	5.07	3 1-	2 ACSR 6/1	0	0	793	301	4	0	0	0.00	3.71	0
34960064+	34960008	5.22	10 1-	2 ACSR 6/1	0	0	781	299	41	2	2	0.01	3.72	0
34860030+	34960064	5.27	8 1-	2 ACSR 6/1	0	0	777	298	34	2	1	0.00	3.72	0
34860032+	34860030	5.35	1 1-	2 ACSR 6/1	0	0	771	297	3	0	0	0.00	3.72	0
34860031+	34860030	5.32	3 1-	2 ACSR 6/1	0	0	773	298	19	1	1	0.00	3.72	0
34860033+	34860031	5.37	2 1-	2 ACSR 6/1	0	0	769	297	11	0	0	0.00	3.72	0
34860042+	34860033	5.43	2 1-	2 ACSR 6/1	0	0	765	296	11	0	0	0.00	3.72	0
34860039+	34860031	5.38	1 1-	2 ACSR 6/1	0	0	768	297	8	0	0	0.00	3.72	0
34960010+	34860024	5.06	300 3-	1/0 ACSR 6/1	881	845	795	301	1587	36	16	0.03	2.19	41
34960096+	34960010	5.08	31 1-	2 ACSR 6/1	0	0	793	301	174	11	7	0.00	2.44	0
34960088+	34960096	5.14	2 1-	2 ACSR 6/1	0	0	789	300	7	0	0	0.00	2.44	0
34960087+	34960096	5.12	1 1-	2 ACSR 6/1	0	0	790	300	0	0	0	0.00	2.44	0
34960097+	34960096	5.15	28 1-	2 ACSR 6/1	0	0	788	300	167	11	6	0.01	2.45	1
D34-96-P055+	34960097	5.15	1 1-	REC-50-E	0	0	788	300	1	0	0	0.00	2.45	0
34960069+	D34-96-P055	5.21	1 1-	2 ACSR 6/1	0	0	783	299	1	0	0	0.00	2.45	0
34960089+	34960097	5.20	26 1-	2 ACSR 6/1	0	0	784	299	154	10	6	0.01	2.46	0
34960093+	34960089	5.24	21 1-	2 ACSR 6/1	0	0	780	299	135	9	5	0.01	2.47	0
34960094+	34960093	5.38	19 1-	2 ACSR 6/1	0	0	770	297	118	8	4	0.02	2.48	1
34960063+	34960094	5.55	17 1-	2 ACSR 6/1	0	0	757	295	113	7	4	0.02	2.50	2
39060050+	34960063	5.59	2 1-	2 ACSR 6/1	0	0	753	295	16	1	1	0.00	2.50	0
39060051+	39060050	5.64	1 1-	2 ACSR 6/1	0	0	750	294	8	0	0	0.00	2.50	0
39060049+	34960063	5.62	14 1-	2 ACSR 6/1	0	0	752	294	87	5	3	0.01	2.51	0
39060052+	39060049	5.66	1 1-	2 ACSR 6/1	0	0	749	294	10	0	0	0.00	2.51	0
39060048+	39060049	5.65	12 1-	2 ACSR 6/1	0	0	749	294	73	4	3	0.00	2.51	0
39060047+	39060048	5.70	10 1-	2 ACSR 6/1	0	0	745	293	63	4	2	0.00	2.51	0
39060045+	39060047	5.75	9 1-	2 ACSR 6/1	0	0	742	293	54	3	2	0.00	2.51	0
39060046+	39060045	5.79	8 1-	2 ACSR 6/1	0	0	739	292	48	3	2	0.00	2.52	0
39060053+	39060046	5.84	7 1-	2 ACSR 6/1	0	0	736	292	39	2	1	0.00	2.52	0
39060054+	39060053	5.91	6 1-	2 ACSR 6/1	0	0	731	291	35	2	1	0.00	2.52	0
39060055+	39060054	5.93	5 1-	2 ACSR 6/1	0	0	729	291	32	2	1	0.00	2.52	0
39060057+	39060055	6.00	1 1-	2 ACSR 6/1	0	0	725	290	12	0	0	0.00	2.52	0
39060056+	39060055	5.96	4 1-	2 ACSR 6/1	0	0	727	290	20	1	1	0.00	2.52	0
39060043+	39060056	6.03	3 1-	2 ACSR 6/1	0	0	722	290	15	1	1	0.00	2.52	0
39160002+	39060043	6.44	2 1-	2 ACSR 6/1	0	0	695	285	9	0	0	0.00	2.52	0
39170002+	39160002	6.54	1 1-	2 ACSR 6/1	0	0	688	284	3	0	0	0.00	2.52	0
39060044+	39060046	5.83	1 1-	2 ACSR 6/1	0	0	736	292	8	0	0	0.00	2.52	0
34960091+	34960089	5.31	2 1-	2 ACSR 6/1	0	0	775	298	13	0	0	0.00	2.46	0
34960092+	34960091	5.35	1 1-	2 ACSR 6/1	0	0	772	298	6	0	0	0.00	2.46	0
34960090+	34960089	5.30	1 1-	2 ACSR 6/1	0	0	776	298	0	0	0	0.00	2.46	0
34960095+	34960010	5.10	1 1-	2 ACSR 6/1	0	0	792	301	0	0	0	0.00	2.44	0
34960070+	34960010	5.19	266 3-	1/0 ACSR 6/1	873	837	786	300	1405	32	14	0.05	2.22	39

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34960098+	34960070	5.23	1 1-	2 ACSR 6/1	0	0	783	300	3	0	0	0.00	2.47	0
34960107+	34960070	5.23	8 1-	2 ACSR 6/1	0	0	783	300	29	1	1	0.00	2.47	0
34960103+	34960107	5.29	4 1-	2 ACSR 6/1	0	0	778	299	6	0	0	0.00	2.47	0
34960102+	34960107	5.29	2 1-	2 ACSR 6/1	0	0	778	299	14	0	1	0.00	2.47	0
34960071+	34960070	5.28	256 3-	1/0 ACSR 6/1	868	831	780	299	1363	31	14	0.04	2.25	27
34960073+	34960071	5.35	252 3-	1/0 ACSR 6/1	864	827	775	299	1339	30	13	0.03	2.26	19
34960076+	34960073	5.43	0 1-	2 ACSR 6/1	0	0	769	298	0	0	0	0.00	2.50	0
34960075+	34960073	5.42	1 1-	2 ACSR 6/1	0	0	770	298	5	0	0	0.00	2.50	0
34960074+	34960073	5.41	248 3-	1/0 ACSR 6/1	861	823	772	298	1322	30	13	0.02	2.28	14
D34-96-P114+	34960074	5.41	248 3-	ER3-RVE-200/100	861	823	772	298	1322	30	31	0.00	2.28	0
34960077+	D34-96-P114	5.53	248 3-	1/0 ACSR 6/1	854	816	764	297	1322	30	13	0.04	2.31	33
34960099+	34960077	5.58	1 1-	2 ACSR 6/1	0	0	759	296	9	0	0	0.00	3.92	0
34960065+	34960077	5.57	3 1-	2 ACSR 6/1	0	0	760	297	11	0	0	0.00	3.92	0
34960078+	34960077	5.61	1 1-	2 ACSR 6/1	0	0	758	296	4	0	0	0.00	3.92	0
34960066+	34960077	5.61	242 3-	1/0 ACSR 6/1	849	811	758	296	1291	29	13	0.03	2.33	21
34960067+	34960066	5.68	240 3-	1/0 ACSR 6/1	845	807	754	296	1284	29	13	0.03	2.35	19
34960068+	34960067	5.78	239 3-	1/0 ACSR 6/1	840	801	748	295	1280	29	13	0.03	2.37	24
D34-96-P008+	34960068	5.78	18 1-	REC-50-E	0	0	748	295	108	7	14	0.00	0.53	0
34960079+	D34-96-P008	5.86	18 1-	2 ACSR 6/1	0	0	741	294	108	7	4	0.01	0.53	0
34960111+	34960079	6.00	17 1-	2 ACSR 6/1	0	0	731	292	103	6	4	0.01	0.55	1
34960080+	34960111	6.07	17 1-	2 ACSR 6/1	0	0	727	291	103	6	4	0.01	0.55	0
34860034+	34960080	6.13	3 1-	2 ACSR 6/1	0	0	723	291	16	1	1	0.00	0.56	0
34960100+	34860034	6.16	2 1-	2 ACSR 6/1	0	0	720	290	12	0	0	0.00	0.56	0
34960104+	34960100	6.29	1 1-	2 ACSR 6/1	0	0	712	289	2	0	0	0.00	0.56	0
34860041+	34960080	6.10	12 1-	2 ACSR 6/1	0	0	725	291	77	5	3	0.00	0.56	0
34860040+	34860041	6.16	2 1-	2 ACSR 6/1	0	0	720	290	18	1	1	0.00	0.56	0
34860025+	34860040	6.26	1 1-	2 ACSR 6/1	0	0	714	289	8	0	0	0.00	0.56	0
34860035+	34860041	6.15	9 1-	2 ACSR 6/1	0	0	722	291	50	3	2	0.00	0.56	0
34860036+	34860035	6.17	8 1-	2 ACSR 6/1	0	0	720	290	41	2	2	0.00	0.56	0
34860037+	34860036	6.20	7 1-	2 ACSR 6/1	0	0	718	290	34	2	1	0.00	0.56	0
34860038+	34860037	6.22	6 1-	2 ACSR 6/1	0	0	716	290	34	2	1	0.00	0.56	0
34860027+	34860038	6.29	4 1-	2 ACSR 6/1	0	0	712	289	22	1	1	0.00	0.56	0
34860029+	34860027	6.34	1 1-	2 ACSR 6/1	0	0	709	288	1	0	0	0.00	0.56	0
34860026+	34860029	6.43	1 1-	2 ACSR 6/1	0	0	702	287	1	0	0	0.00	0.56	0
34860028+	34860027	6.35	2 1-	2 ACSR 6/1	0	0	708	288	10	0	0	0.00	0.56	0
34960086+	34960068	6.11	191 3-	1/0 ACSR 6/1	822	783	728	292	987	23	10	0.13	2.44	57
34960085+	34960086	6.11	178 3-	1/0 ACSR 6/1	822	782	727	292	903	21	9	0.00	2.44	2
34-96-P003-B+	34960085	6.11	178 3-	Closed	822	782	727	292	903	21	0	0.00	2.44	0
34-96-P003-A+	34-96-P003-B	6.11	178 3-	Closed	822	782	727	292	903	21	0	0.00	2.44	0
34960109+	34-96-P003-A	6.13	178 3-	1/0 ACSR 6/1	821	781	726	292	903	21	9	0.01	2.44	3
34960012+	34960109	6.23	1 1-	2 ACSR 6/1	0	0	720	291	6	0	0	0.00	2.63	0
34960009+	34960109	6.24	177 3-	1/0 ACSR 6/1	815	775	720	291	897	21	9	0.04	2.46	17
D39-05-P055+	34960009	6.24	18 1-	REC-50-E	0	0	720	291	76	5	10	0.00	4.19	0
39050081+	D39-05-P055	6.28	18 1-	2 ACSR 6/1	0	0	717	290	76	5	3	0.00	4.19	0
39050082+	39050081	6.31	17 1-	2 ACSR 6/1	0	0	715	290	74	5	3	0.00	4.19	0
39050020+	39050082	6.36	1 1-	2 ACSR 6/1	0	0	712	290	3	0	0	0.00	4.19	0
39050021+	39050082	6.40	15 1-	2 ACSR 6/1	0	0	709	289	62	4	2	0.01	4.20	0
39050083+	39050021	6.49	1 1-	2 ACSR 6/1	0	0	703	288	4	0	0	0.00	4.20	0
39050100+	39050021	6.44	12 1-	2 ACSR 6/1	0	0	706	289	41	2	2	0.00	4.20	0
39050079+	39050100	6.48	11 1-	2 ACSR 6/1	0	0	704	288	33	2	1	0.00	4.20	0
39050099+	39050079	6.53	10 1-	2 ACSR 6/1	0	0	701	288	33	2	1	0.00	4.20	0
39050097+	39050099	6.69	2 1-	2 ACSR 6/1	0	0	690	286	9	0	0	0.00	4.20	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
39050095+	39050099	6.62	8 1-	2 ACSR 6/1	0	0	694	287	24	1	1	0.00	4.20	0
39050096+	39050095	6.71	3 1-	2 ACSR 6/1	0	0	689	286	9	0	0	0.00	4.20	0
39050135+	39050021	6.45	2 1-	2 ACSR 6/1	0	0	706	289	17	1	1	0.00	4.20	0
39060059+	39050135	6.53	1 1-	2 ACSR 6/1	0	0	700	288	7	0	0	0.00	4.20	0
39050080+	34960009	6.33	159 3-	1/0 ACSR 6/1	811	770	715	290	821	19	8	0.03	2.48	11
39050103+	39050080	6.40	158 3-	1/0 ACSR 6/1	807	767	711	290	820	19	8	0.02	2.49	8
39050106+	39050103	6.45	1 1-	2 ACSR 6/1	0	0	707	289	6	0	0	0.00	4.24	0
39050104+	39050103	6.48	156 3-	1/0 ACSR 6/1	803	762	706	289	806	19	8	0.03	2.51	10
D39-05-P051+	39050104	6.48	4 1-	REC-50-E	0	0	706	289	13	0	2	0.00	4.26	0
39050084+	D39-05-P051	6.60	4 1-	2 ACSR 6/1	0	0	698	288	13	0	0	0.00	4.26	0
39050085+	39050084	6.69	1 1-	2 ACSR 6/1	0	0	693	287	4	0	0	0.00	4.26	0
39050102+	39050104	6.55	151 3-	1/0 ACSR 6/1	800	759	702	288	786	18	8	0.02	2.52	8
39050101+	39050102	6.58	8 1-	2 ACSR 6/1	0	0	700	288	33	2	1	0.00	0.59	0
39050098+	39050101	6.61	6 1-	2 ACSR 6/1	0	0	698	288	20	1	1	0.00	0.59	0
D39-05-P037+	39050098	6.61	5 1-	REC-50-E	0	0	698	288	20	1	3	0.00	0.59	0
39050107+	D39-05-P037	6.80	5 1-	2 ACSR 6/1	0	0	686	285	20	1	1	0.00	0.59	0
34950016+	39050107	6.96	0 1-	2 ACSR 6/1	0	0	676	284	0	0	0	0.00	0.59	0
34950004+	39050107	6.86	5 1-	2 ACSR 6/1	0	0	682	285	20	1	1	0.00	0.59	0
34950013+	34950004	6.92	2 1-	2 ACSR 6/1	0	0	679	284	8	0	0	0.00	0.59	0
34950005+	34950004	6.95	3 1-	2 ACSR 6/1	0	0	677	284	12	0	0	0.00	0.59	0
34950014+	34950005	7.03	1 1-	2 ACSR 6/1	0	0	672	283	6	0	0	0.00	0.59	0
34950006+	34950005	7.08	2 1-	2 ACSR 6/1	0	0	669	282	5	0	0	0.00	0.59	0
34950015+	34950006	7.11	2 1-	2 ACSR 6/1	0	0	667	282	5	0	0	0.00	0.59	0
34950012+	34950006	7.13	0 1-	2 ACSR 6/1	0	0	666	282	0	0	0	0.00	0.59	0
39050086+	39050102	6.64	143 3-	1/0 ACSR 6/1	795	754	697	288	752	17	8	0.03	2.53	9
39050088+	39050086	6.70	139 3-	1/0 ACSR 6/1	792	751	694	287	737	17	8	0.02	2.54	7
39050090+	39050088	6.82	137 3-	1/0 ACSR 6/1	786	745	688	286	726	17	8	0.03	2.56	11
39050091+	39050090	6.85	136 3-	1/0 ACSR 6/1	785	743	686	286	720	17	7	0.01	2.56	3
39050092+	39050091	6.92	135 3-	1/0 ACSR 6/1	782	740	682	285	715	17	7	0.02	2.57	7
39050093+	39050092	6.98	134 3-	1/0 ACSR 6/1	779	737	679	285	711	17	7	0.02	2.58	6
39050094+	39050093	7.06	130 3-	1/0 ACSR 6/1	775	733	675	284	694	16	7	0.02	2.59	8
39150014+	39050094	7.13	4 1-	2 ACSR 6/1	0	0	671	283	27	1	1	0.00	0.61	0
39150016+	39150014	7.26	1 1-	2 ACSR 6/1	0	0	663	282	10	0	0	0.00	0.61	0
39150010+	39050094	7.09	126 3-	1/0 ACSR 6/1	773	731	673	284	667	16	7	0.01	2.60	3
39150011+	39150010	7.13	124 3-	1/0 ACSR 6/1	772	729	671	284	656	15	7	0.01	2.60	3
39050124+	39150011	7.16	2 1-	2 ACSR 6/1	0	0	670	283	16	1	1	0.00	2.75	0
39050121+	39150011	7.19	122 3-	1/0 ACSR 6/1	769	727	669	283	640	15	7	0.02	2.61	5
39050109+	39050121	7.21	122 3-	1/0 ACSR 6/1	768	725	667	283	640	15	7	0.01	2.61	2
39050136+	39050109	7.24	121 3-	1/0 ACSR 6/1	766	724	666	283	550	12	6	0.01	2.62	2
39050108+	39050136	7.26	121 3-	1/0 ACSR 6/1	766	723	665	283	550	12	6	0.00	2.62	0
39050120+	39050108	7.33	120 3-	1/0 ACSR 6/1	762	720	661	282	500	11	5	0.01	2.63	3
39050117+	39050120	7.36	1 1-	2 ACSR 6/1	0	0	659	282	1	0	0	0.00	4.49	0
39050118+	39050117	7.41	0 1-	2 ACSR 6/1	0	0	657	281	0	0	0	0.00	4.49	0
39050116+	39050118	7.43	0 1-	2 ACSR 6/1	0	0	656	281	0	0	0	0.00	4.49	0
39050018+	39050118	7.55	0 1-	2 ACSR 6/1	0	0	649	280	0	0	0	0.00	4.49	0
39050016+	39050120	7.40	119 3-	1/0 ACSR 6/1	759	716	658	281	499	11	5	0.01	2.63	3
D39-05-P012+	39050016	7.40	13 1-	REC-35-E	0	0	658	281	58	3	11	0.00	4.49	0
39050128+	D39-05-P012	7.42	13 1-	2 ACSR 6/1	0	0	657	281	58	3	2	0.00	4.49	0
39050132+	39050128	7.47	11 1-	2 ACSR 6/1	0	0	654	281	48	3	2	0.00	4.50	0
39050133+	39050132	7.50	8 1-	2 ACSR 6/1	0	0	652	280	37	2	1	0.00	4.50	0
39050134+	39050133	7.53	6 1-	2 ACSR 6/1	0	0	651	280	29	1	1	0.00	4.50	0
39050127+	39050134	7.56	5 1-	2 ACSR 6/1	0	0	649	280	24	1	1	0.00	4.50	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
39050113+	39050127	7.58	5 1-	2 ACSR 6/1	0	0	648	279	24	1	1	0.00	4.50	0
39050137+	39050113	7.62	2 1-	2 ACSR 6/1	0	0	646	279	8	0	0	0.00	4.50	0
39050114+	39050113	7.73	2 1-	2 ACSR 6/1	0	0	640	278	6	0	0	0.00	4.50	0
39050115+	39050114	7.78	1 1-	2 ACSR 6/1	0	0	637	277	3	0	0	0.00	4.50	0
39050129+	39050128	7.45	1 1-	2 ACSR 6/1	0	0	655	281	5	0	0	0.00	4.49	0
39050130+	39050129	7.48	0 1-	2 ACSR 6/1	0	0	653	281	0	0	0	0.00	4.49	0
39050131+	39050130	7.51	0 1-	2 ACSR 6/1	0	0	652	280	0	0	0	0.00	4.49	0
39050019+	39050016	7.54	106 3-	1/0 ACSR 6/1	753	710	651	280	441	9	4	0.01	2.64	4
D39-05-P009+	39050019	7.54	3 1-	FUS	0	0	651	280	17	1	26	0.00	2.80	0
39050105+	D39-05-P009	7.57	3 1-	2 ACSR 6/1	0	0	650	280	17	1	1	0.00	2.80	0
39050122+	39050105	7.67	2 1-	2 ACSR 6/1	0	0	644	279	11	0	0	0.00	2.80	0
39050123+	39050122	7.72	1 1-	2 ACSR 6/1	0	0	641	278	6	0	0	0.00	2.80	0
39050017+	39050105	7.68	1 1-	2 ACSR 6/1	0	0	643	279	6	0	0	0.00	2.80	0
39050110+	39050017	7.74	1 1-	2 ACSR 6/1	0	0	640	278	6	0	0	0.00	2.80	0
39050126+	39050019	7.62	101 3-	1/0 ACSR 6/1	749	706	647	280	406	9	4	0.00	2.65	2
39050119+	39050126	7.66	100 3-	1/0 ACSR 6/1	747	704	645	279	398	8	4	0.00	2.65	1
39050125+	39050119	7.72	99 3-	1/0 ACSR 6/1	745	702	643	279	388	8	4	0.00	2.66	1
39150013+	39050125	7.80	97 3-	1/0 ACSR 6/1	742	698	639	278	384	8	4	0.00	2.66	2
D39-15-P071+	39150013	7.80	17 1-	REC-50-E	0	0	639	278	111	7	15	0.00	2.83	0
39150017+	D39-15-P071	7.85	17 1-	2 ACSR 6/1	0	0	636	278	111	7	4	0.01	2.83	0
39150002+	39150017	7.89	17 1-	2 ACSR 6/1	0	0	634	277	111	7	4	0.00	2.84	0
39040007+	39150002	7.93	12 1-	2 ACSR 6/1	0	0	632	277	86	5	3	0.00	2.84	0
39140057+	39040007	8.00	11 1-	2 ACSR 6/1	0	0	628	276	80	5	3	0.00	2.85	0
39140058+	39140057	8.05	2 1-	2 ACSR 6/1	0	0	626	276	13	0	0	0.00	2.85	0
39140059+	39140057	8.08	9 1-	2 ACSR 6/1	0	0	624	275	67	4	3	0.01	2.85	0
39140060+	39140059	8.14	8 1-	2 ACSR 6/1	0	0	621	275	58	3	2	0.00	2.86	0
39140049+	39140060	8.26	6 1-	2 ACSR 6/1	0	0	615	273	41	2	2	0.00	2.86	0
39140052+	39140049	8.37	3 1-	2 ACSR 6/1	0	0	609	272	17	1	1	0.00	2.86	0
39140010+	39140049	8.31	2 1-	2 ACSR 6/1	0	0	612	273	16	1	1	0.00	2.86	0
39040006+	39140010	8.37	1 1-	2 ACSR 6/1	0	0	609	272	9	0	0	0.00	2.86	0
39040005+	39140010	8.42	1 1-	2 ACSR 6/1	0	0	606	272	7	0	0	0.00	2.86	0
39140051+	39140060	8.22	1 1-	2 ACSR 6/1	0	0	617	274	8	0	0	0.00	2.86	0
39140050+	39140060	8.20	1 1-	2 ACSR 6/1	0	0	618	274	9	0	0	0.00	2.86	0
39040008+	39150002	7.96	2 1-	2 ACSR 6/1	0	0	630	276	8	0	0	0.00	2.84	0
39150015+	39150013	7.87	77 3-	1/0 ACSR 6/1	738	694	635	278	258	5	3	0.00	2.67	0
39140075+	39150015	7.90	1 1-	2 ACSR 6/1	0	0	634	277	11	0	0	0.00	0.66	0
39140074+	39150015	7.90	75 3-	1/0 ACSR 6/1	737	693	634	277	238	5	2	0.00	2.67	0
39140082+	39140074	8.03	75 3-	1/0 ACSR 6/1	732	688	629	276	238	5	2	0.01	2.67	0
39140084+	39140082	8.07	1 1-	2 ACSR 6/1	0	0	627	276	4	0	0	0.00	4.52	0
D39-14-P132+	39140084	8.07	1 1-	FUS-50	0	0	627	276	4	0	0	0.00	4.52	0
39140081+	D39-14-P132	8.24	1 1-	2 ACSR 6/1	0	0	617	274	4	0	0	0.00	4.52	0
39140083+	39140082	8.10	74 3-	1/0 ACSR 6/1	729	685	625	276	234	5	2	0.00	2.67	0
39140079+	39140083	8.28	73 3-	1/0 ACSR 6/1	721	677	618	275	227	5	2	0.01	2.68	1
39140080+	39140079	8.33	72 3-	1/0 ACSR 6/1	719	675	615	274	227	5	2	0.00	2.68	0
39140073+	39140080	8.56	72 3-	1/0 ACSR 6/1	710	665	606	272	227	5	2	0.01	2.69	2
39140072+	39140073	8.64	70 3-	1/0 ACSR 6/1	706	662	602	272	223	5	2	0.00	2.70	0
39140071+	39140072	8.71	69 3-	1/0 ACSR 6/1	704	659	599	271	209	4	2	0.00	2.70	0
39140070+	39140071	8.74	3 1-	2 ACSR 6/1	0	0	598	271	15	1	1	0.00	4.54	0
39140012+	39140071	8.84	66 3-	1/0 ACSR 6/1	699	654	594	270	193	4	2	0.00	2.70	0
39140078+	39140012	8.95	16 1-	2 ACSR 6/1	0	0	589	269	76	5	3	0.01	0.71	0
D39-14-P022+	39140078	8.95	2 1-	REC-50-E	0	0	589	269	9	0	1	0.00	0.71	0
39140067+	D39-14-P022	8.97	2 1-	2 ACSR 6/1	0	0	588	269	9	0	0	0.00	0.71	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
39060023+	39060022	6.27	0 1-	2 ACSR 6/1	0	0	713	289	0	0	0	0.00	2.64	0
39060004+	39060016	6.21	2 1-	2 ACSR 6/1	0	0	717	290	14	0	1	0.00	2.64	0
39060002+	39060004	6.22	2 1-	2 ACSR 6/1	0	0	717	290	14	0	1	0.00	2.64	0
39060012+	39060024	6.27	1 1-	2 ACSR 6/1	0	0	713	289	6	0	0	0.00	2.64	0
39060025+	39060017	6.17	2 1-	2 ACSR 6/1	0	0	720	290	9	0	0	0.00	2.64	0
34960081+	34960007	6.04	1 1-	2 ACSR 6/1	0	0	729	292	5	0	0	0.00	2.63	0
34960084+	34960007	6.04	15 1-	2 ACSR 6/1	0	0	729	292	90	6	3	0.00	2.64	0
34960013+	34960084	6.07	10 1-	2 ACSR 6/1	0	0	727	291	59	4	2	0.00	2.64	0
39060005+	34960013	6.08	9 1-	2 ACSR 6/1	0	0	726	291	54	3	2	0.00	2.64	0
39060006+	39060005	6.11	7 1-	2 ACSR 6/1	0	0	724	291	45	3	2	0.00	2.64	0
39060007+	39060006	6.12	4 1-	2 ACSR 6/1	0	0	723	291	21	1	1	0.00	2.64	0
39060010+	39060007	6.15	2 1-	2 ACSR 6/1	0	0	721	291	8	0	0	0.00	2.64	0
39060011+	39060010	6.16	1 1-	2 ACSR 6/1	0	0	721	290	7	0	0	0.00	2.64	0
34960014+	34960084	6.08	4 1-	2 ACSR 6/1	0	0	726	291	23	1	1	0.00	2.64	0
39060008+	34960014	6.17	2 1-	2 ACSR 6/1	0	0	720	290	12	0	0	0.00	2.64	0
39060009+	34960014	6.10	0 1-	2 ACSR 6/1	0	0	724	291	0	0	0	0.00	2.64	0
34960083+	34960084	6.07	0 1-	2 ACSR 6/1	0	0	727	291	0	0	0	0.00	2.64	0
34960072+	34960071	5.32	2 1-	2 ACSR 6/1	0	0	777	299	13	0	0	0.00	0.43	0
34960110+	34960071	5.34	1 1-	2 ACSR 6/1	0	0	775	299	6	0	0	0.00	2.49	0
34870034+	34870033	4.72	2 1-	2 ACSR 6/1	0	0	819	304	7	0	0	0.00	2.31	0
34870162+	34870034	4.77	1 1-	2 ACSR 6/1	0	0	814	303	5	0	0	0.00	2.31	0
34870174+	34870034	4.76	1 1-	2 ACSR 6/1	0	0	816	304	2	0	0	0.00	2.31	0
34870139+	34870138	3.82	3 3-	1/0 ACSR 6/1	960	932	892	313	89	2	1	0.00	1.79	0
34870140+	34870139	3.86	3 3-	1/0 ACSR 6/1	957	928	888	312	89	2	1	0.00	1.79	0
34870144+	34870140	3.90	2 1-	2 ACSR 6/1	0	0	885	312	13	0	1	0.00	1.98	0
34870145+	34870144	3.92	1 1-	2 ACSR 6/1	0	0	882	312	8	0	0	0.00	1.98	0
34880005+	34880007	3.37	45 1-	2 ACSR 6/1	0	0	932	317	221	14	8	0.01	2.93	2
34870132+	34880005	3.41	1 1-	2 ACSR 6/1	0	0	927	316	11	0	0	0.00	2.93	0
34870131+	34880005	3.41	44 1-	2 ACSR 6/1	0	0	927	316	210	14	8	0.01	2.94	1
34870134+	34870131	3.44	41 1-	2 ACSR 6/1	0	0	924	316	191	12	7	0.01	2.95	0
34870183+	34870134	3.50	39 1-	2 ACSR 6/1	0	0	917	315	184	12	7	0.01	2.96	2
34870163+	34870183	3.56	38 1-	2 ACSR 6/1	0	0	912	314	181	12	7	0.01	2.97	1
D34-87-P062+	34870163	3.56	37 1-	RBC-50-E	0	0	912	314	172	11	23	0.00	2.97	0
34870164+	D34-87-P062	3.59	37 1-	2 ACSR 6/1	0	0	908	314	172	11	6	0.01	2.97	0
34870129+	34870164	3.62	14 1-	2 ACSR 6/1	0	0	905	313	69	4	3	0.00	2.98	0
34870135+	34870129	3.63	12 1-	2 ACSR 6/1	0	0	904	313	62	4	2	0.00	2.98	0
34870136+	34870135	3.68	11 1-	2 ACSR 6/1	0	0	899	313	55	3	2	0.00	2.98	0
34870192+	34870136	3.76	3 1-	2 ACSR 6/1	0	0	891	312	26	1	1	0.00	2.98	0
34870166+	34870192	3.88	2 1-	2 ACSR 6/1	0	0	879	310	13	0	1	0.00	2.98	0
34870191+	34870136	3.77	6 1-	2 ACSR 6/1	0	0	890	312	14	0	1	0.00	2.98	0
34870165+	34870191	3.80	3 1-	2 ACSR 6/1	0	0	887	311	10	0	0	0.00	2.98	0
34870130+	34870129	3.73	2 1-	2 ACSR 6/1	0	0	894	312	7	0	0	0.00	2.98	0
34870190+	34870164	3.67	20 1-	2 ACSR 6/1	0	0	900	313	89	6	3	0.01	2.98	0
34770024+	34870190	3.77	14 1-	2 ACSR 6/1	0	0	889	311	70	4	3	0.01	2.99	0
34770022+	34770024	3.81	11 1-	2 ACSR 6/1	0	0	886	311	56	3	2	0.00	2.99	0
34770021+	34770022	3.84	2 1-	2 ACSR 6/1	0	0	883	311	9	0	0	0.00	2.99	0
34770020+	34770022	3.90	8 1-	2 ACSR 6/1	0	0	877	310	32	2	1	0.00	2.99	0
34770019+	34770020	3.92	6 1-	2 ACSR 6/1	0	0	875	310	20	1	1	0.00	2.99	0
34770018+	34770019	4.07	0 1-	2 ACSR 6/1	0	0	860	308	0	0	0	0.00	2.99	0
34770016+	34770019	3.97	5 1-	2 ACSR 6/1	0	0	871	309	15	1	1	0.00	2.99	0
34770017+	34770016	4.03	2 1-	2 ACSR 6/1	0	0	864	308	8	0	0	0.00	2.99	0
34770015+	34770017	4.07	0 1-	2 ACSR 6/1	0	0	860	308	0	0	0	0.00	2.99	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34770014+	34770017	4.08	1 1-	2 ACSR 6/1	0	0	860	307	2	0	0	0.00	2.99	0
34770023+	34870190	3.77	0 1-	2 ACSR 6/1	0	0	890	311	0	0	0	0.00	2.98	0
34770013+	34770023	3.80	0 1-	2 ACSR 6/1	0	0	887	311	0	0	0	0.00	2.98	0
20850045+	34870190	3.69	3 1-	2 ACSR 6/1	0	0	898	312	12	0	0	0.00	2.98	0
34770026+	20850045	3.72	2 1-	2 ACSR 6/1	0	0	895	312	6	0	0	0.00	2.98	0
34880008+	34880007	3.34	3 1-	2 ACSR 6/1	0	0	935	317	9	0	0	0.00	1.78	0
34880009+	34880008	3.38	2 1-	2 ACSR 6/1	0	0	930	317	4	0	0	0.00	1.78	0
34780058+	34780057	2.55	1 1-	2 ACSR 6/1	0	0	1015	325	8	0	0	0.00	1.38	0
34780047+	34780041	2.17	2 1-	2 ACSR 6/1	0	0	1058	329	14	0	1	0.00	1.89	0
34780006+	34790003	1.98	2 1-	2 ACSR 6/1	0	0	1080	331	6	0	0	0.00	1.69	0
34780034+	34780006	2.05	2 1-	2 ACSR 6/1	0	0	1071	330	6	0	0	0.00	1.69	0
34780005+	34780006	2.08	0 1-	2 ACSR 6/1	0	0	1067	329	0	0	0	0.00	1.69	0
34790017+	34690103	1.43	2 1-	2 ACSR 6/1	0	0	1151	336	5	0	0	0.00	1.21	0
34690093+	34790017	1.46	2 1-	2 ACSR 6/1	0	0	1147	336	5	0	0	0.00	1.21	0
34690101+	34690102	1.27	2 3-	1/0 ACSR 6/1	1166	1161	1174	339	13	0	0	0.00	0.63	0
34690104+	34690101	1.34	1 1-	2 ACSR 6/1	0	0	1163	338	0	0	0	0.00	1.12	0
34690094+	34690090	0.98	2 1-	2 ACSR 6/1	0	0	1217	342	16	1	1	0.00	0.85	0

CKT 1 total losses: \$6,023

SUB 641, CKT 2

BK641-02+	OVENFORK(641)	0.00	407 3-	BK64102	1294	1303	1379	353	4019	96	57	0.00	0.00	0
34690030+	BK641-02	0.04	407 3-	1/0 ACSR 6/1	1290	1299	1372	352	4019	96	42	0.04	0.03	98
34690075+	34690030	0.10	407 3-	1/0 ACSR 6/1	1284	1292	1361	352	4018	96	42	0.07	0.09	174
34690076+	34690075	0.32	407 3-	1/0 ACSR 6/1	1260	1266	1322	349	4016	96	42	0.23	0.30	602
35620014+	34690076	0.39	406 3-	1/0 ACSR 6/1	1253	1259	1311	348	3947	95	41	0.06	0.36	169
35620015+	35620014	0.45	405 3-	1/0 ACSR 6/1	1246	1251	1300	348	3935	94	41	0.07	0.42	171
35620016+	35620015	0.62	404 3-	1/0 ACSR 6/1	1230	1233	1273	346	3933	94	41	0.16	0.57	421
35-62-P040-B+	35620016	0.62	404 3-	Closed	1230	1233	1273	346	3929	94	0	0.00	0.57	0
35-62-P040-A+	35-62-P040-B	0.62	404 3-	Closed	1230	1233	1273	346	3929	94	0	0.00	0.57	0
35620002+	35-62-P040-A	0.63	404 3-	1/0 ACSR 6/1	1228	1232	1271	346	3929	94	41	0.01	0.58	34
35620018+	35620002	0.74	4 1-	2 ACSR 6/1	0	0	1253	344	22	1	1	0.00	0.54	0
35620017+	35620018	0.82	2 1-	2 ACSR 6/1	0	0	1239	343	6	0	0	0.00	0.54	0
35520070+	35620017	0.92	1 1-	2 ACSR 6/1	0	0	1222	341	4	0	0	0.00	0.55	0
35620020+	35620002	0.77	400 3-	1/0 ACSR 6/1	1215	1216	1249	344	3907	94	41	0.14	0.71	350
35520061+	35620020	1.11	396 3-	1/0 ACSR 6/1	1181	1179	1198	340	3890	94	41	0.34	1.01	861
35520062+	35520061	1.16	395 3-	1/0 ACSR 6/1	1176	1173	1190	340	3873	93	41	0.05	1.06	140
35-52-P011-B+	35520062	1.16	395 3-	Closed	1176	1173	1190	340	3872	93	0	0.00	1.06	0
35-52-P011-A+	35-52-P011-B	1.16	395 3-	Closed	1176	1173	1190	340	3872	93	0	0.00	1.06	0
35520063+	35-52-P011-A	1.18	395 3-	1/0 ACSR 6/1	1174	1171	1188	340	3872	93	41	0.02	1.08	44
35520038+	35520063	1.22	389 3-	1/0 ACSR 6/1	1171	1167	1182	339	3845	93	41	0.04	1.11	100
35520040+	35520038	1.35	386 3-	1/0 ACSR 6/1	1158	1153	1164	338	3831	93	40	0.13	1.23	325
35520041+	35520040	1.42	1 1-	2 ACSR 6/1	0	0	1152	337	5	0	0	0.00	1.14	0
35520042+	35520040	1.46	385 3-	1/0 ACSR 6/1	1148	1142	1149	337	3823	92	40	0.10	1.33	267
35520043+	35520042	1.55	385 3-	1/0 ACSR 6/1	1141	1133	1137	336	3820	92	40	0.08	1.41	216
35520045+	35520043	1.62	384 3-	1/0 ACSR 6/1	1134	1126	1128	335	3811	92	40	0.07	1.47	173
35520048+	35520045	1.67	378 3-	1/0 ACSR 6/1	1129	1120	1120	334	3784	92	40	0.05	1.52	138
35520051+	35520048	1.78	378 3-	1/0 ACSR 6/1	1120	1110	1107	333	3782	92	40	0.10	1.61	251
D35-52-P045+	35520051	1.78	2 1-	FUS	0	0	1107	333	20	1	31	0.00	1.76	0
35520037+	D35-52-P045	1.85	2 1-	2 ACSR 6/1	0	0	1097	332	20	1	1	0.00	1.76	0
35520049+	35520037	1.96	1 1-	2 ACSR 6/1	0	0	1081	331	10	0	0	0.00	1.76	0
35520050+	35520051	1.81	372 3-	1/0 ACSR 6/1	1117	1106	1102	333	3743	91	40	0.04	1.64	92
35520052+	35520050	1.87	371 3-	1/0 ACSR 6/1	1112	1101	1096	332	3736	91	40	0.05	1.69	123

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
35520054+	35520052	1.93	368 3-	1/0 ACSR 6/1	1106	1095	1088	332	3711	90 39	0.06	1.75	154	
35-52-P042-B+	35520054	1.93	368 3-	Closed	1106	1095	1088	332	3710	90 0	0.00	1.75	0	
35-52-P042-A+	35-52-P042-B	1.93	368 3-	Closed	1106	1095	1088	332	3710	90 0	0.00	1.75	0	
35520057+	35-52-P042-A	1.94	368 3-	1/0 ACSR 6/1	1105	1093	1086	331	3710	90 39	0.01	1.76	29	
35520056+	35520057	2.02	360 3-	1/0 ACSR 6/1	1099	1086	1077	331	3664	89 39	0.07	1.82	170	
35520068+	35520056	2.09	359 3-	1/0 ACSR 6/1	1093	1079	1068	330	3656	89 39	0.07	1.88	173	
35520058+	35520068	2.29	359 3-	1/0 ACSR 6/1	1076	1061	1045	328	3654	89 39	0.18	2.05	450	
35530104+	35520058	2.35	357 3-	1/0 ACSR 6/1	1071	1054	1037	327	3638	89 39	0.06	2.11	155	
35530139+	35530104	2.41	352 3-	1/0 ACSR 6/1	1066	1049	1031	327	3599	88 39	0.05	2.16	135	
35530110+	35530139	2.48	351 3-	1/0 ACSR 6/1	1061	1043	1024	326	3591	88 38	0.06	2.22	139	
35530111+	35530110	2.58	350 3-	1/0 ACSR 6/1	1052	1034	1012	325	3583	88 38	0.09	2.30	232	
35530112+	35530111	2.70	347 3-	1/0 ACSR 6/1	1043	1023	1002	324	3569	88 38	0.11	2.40	260	
35530125+	35530112	2.88	341 3-	1/0 ACSR 6/1	1029	1008	981	322	3552	87 38	0.16	2.56	398	
35530126+	35530125	2.92	340 3-	1/0 ACSR 6/1	1025	1004	976	321	3537	87 38	0.04	2.60	98	
35530127+	35530126	3.05	338 3-	1/0 ACSR 6/1	1016	993	963	320	3529	87 38	0.12	2.70	283	
35530129+	35530127	3.13	335 3-	1/0 ACSR 6/1	1010	986	955	319	3514	87 38	0.07	2.77	169	
35530088+	35530129	3.23	2 1-	2 ACSR 6/1	0	0	944	318	9	0	0.00	2.61	0	
35630041+	35530088	3.28	1 1-	2 ACSR 6/1	0	0	939	317	9	0	0.00	2.62	0	
35530130+	35530129	3.20	332 3-	1/0 ACSR 6/1	1004	980	948	319	3495	86 38	0.07	2.83	157	
35530131+	35530130	3.24	331 3-	1/0 ACSR 6/1	1001	977	945	318	3479	86 38	0.04	2.86	85	
35530132+	35530131	3.41	329 3-	1/0 ACSR 6/1	989	963	928	317	3467	86 37	0.15	3.01	362	
35530141+	35530132	3.61	329 3-	1/0 ACSR 6/1	975	948	911	315	3463	86 37	0.18	3.17	416	
35530033+	35530141	3.78	108 3-	1/0 ACSR 6/1	963	934	895	313	2293	66 29	0.14	3.29	227	
35530109+	35530033	3.86	105 3-	1/0 ACSR 6/1	957	928	888	312	2278	65 29	0.06	3.34	97	
35530106+	35530109	3.94	15 1-	2 ACSR 6/1	0	0	881	311	83	5 3	0.01	3.18	0	
35530108+	35530106	3.99	2 1-	2 ACSR 6/1	0	0	875	311	8	0 0	0.00	3.18	0	
35530097+	35530108	4.03	1 1-	2 ACSR 6/1	0	0	871	310	3	0 0	0.00	3.18	0	
35530107+	35530106	3.97	1 1-	2 ACSR 6/1	0	0	877	311	3	0 0	0.00	3.18	0	
35530102+	35530106	3.96	9 1-	2 ACSR 6/1	0	0	878	311	65	4 2	0.00	3.18	0	
35530133+	35530102	4.01	8 1-	2 ACSR 6/1	0	0	874	310	60	4 2	0.00	3.18	0	
35540017+	35530133	4.07	7 1-	2 ACSR 6/1	0	0	868	310	57	3 2	0.00	3.19	0	
D35-54-P024+	35540017	4.07	7 1-	RBC-25-E	0	0	868	310	57	3 16	0.00	3.19	0	
35540018+	D35-54-P024	4.12	7 1-	2 ACSR 6/1	0	0	863	309	57	3 2	0.00	3.19	0	
35540027+	35540018	4.29	6 1-	2 ACSR 6/1	0	0	847	307	48	3 2	0.01	3.20	0	
35540028+	35540027	4.56	5 1-	2 ACSR 6/1	0	0	823	303	42	2 2	0.01	3.21	0	
35540019+	35540028	4.61	4 1-	2 ACSR 6/1	0	0	819	303	41	2 2	0.00	3.21	0	
35540020+	35540019	4.68	3 1-	2 ACSR 6/1	0	0	812	302	33	2 1	0.00	3.21	0	
35540021+	35540020	4.77	2 1-	2 ACSR 6/1	0	0	805	301	19	1 1	0.00	3.21	0	
35540023+	35540021	4.80	2 1-	2 ACSR 6/1	0	0	803	300	19	1 1	0.00	3.21	0	
35540024+	35540023	4.85	2 1-	2 ACSR 6/1	0	0	798	300	19	1 1	0.00	3.22	0	
35540025+	35540024	4.97	1 1-	2 ACSR 6/1	0	0	789	298	8	0 0	0.00	3.22	0	
35540022+	35540021	4.81	0 1-	2 ACSR 6/1	0	0	802	300	0	0 0	0.00	3.21	0	
35530098+	35530109	3.95	83 3-	1/0 ACSR 6/1	951	922	880	311	2168	63 28	0.07	3.40	104	
35530099+	35530098	3.99	81 3-	1/0 ACSR 6/1	949	919	877	311	2103	62 27	0.03	3.42	43	
35530100+	35530099	4.02	80 3-	1/0 ACSR 6/1	946	916	874	311	2102	62 27	0.03	3.44	39	
35530101+	35530100	4.06	1 1-	2 ACSR 6/1	0	0	871	310	7	0 0	0.00	3.74	0	
35530029+	35530100	4.19	54 3-	1/0 ACSR 6/1	935	904	861	309	1910	58 26	0.10	3.54	162	
D35-53-P067+	35530029	4.19	54 3-	RBC-50-E	935	904	861	309	1909	58 118	0.00	3.54	0	
35530087+	D35-53-P067	4.44	54 3-	1/0 ACSR 6/1	919	886	840	307	1909	58 26	0.16	3.70	257	
35630033+	35530087	4.68	3 1-	2 ACSR 6/1	0	0	820	304	13	0 1	0.00	3.54	0	
35630034+	35630033	4.73	2 1-	2 ACSR 6/1	0	0	815	303	13	0 1	0.00	3.54	0	
35630035+	35630034	4.80	1 1-	2 ACSR 6/1	0	0	810	302	11	0 0	0.00	3.54	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
35630032+	35530087	4.61	50 3-	1/0 ACSR 6/1	908	874	828	305	1886	58 25	0.10	3.80	167		
35630031+	35630032	4.66	47 3-	1/0 ACSR 6/1	905	872	824	305	1880	58 25	0.03	3.82	40		
35630030+	35630031	4.75	46 3-	1/0 ACSR 6/1	899	865	817	304	1874	58 25	0.06	3.88	97		
35630029+	35630030	4.96	44 3-	1/0 ACSR 6/1	887	851	802	302	1864	58 25	0.13	4.00	202		
35630028+	35630029	4.99	0 1-	2 ACSR 6/1	0	0	799	302	0	0	0.00	3.79	0		
35630027+	35630029	5.02	42 3-	1/0 ACSR 6/1	883	848	798	302	1854	57 25	0.04	4.04	56		
35630026+	35630027	5.06	41 3-	1/0 ACSR 6/1	881	845	795	301	1846	57 25	0.02	4.06	37		
35630025+	35630026	5.10	40 3-	1/0 ACSR 6/1	879	843	792	301	1836	57 25	0.02	4.08	37		
35630024+	35630025	5.13	37 3-	1/0 ACSR 6/1	877	841	790	301	1817	57 25	0.02	4.10	28		
35630040+	35630024	5.18	36 3-	1/0 ACSR 6/1	874	837	787	300	1807	57 25	0.03	4.13	51		
35630039+	35630040	5.21	34 3-	1/0 ACSR 6/1	872	836	785	300	1802	57 25	0.02	4.15	27		
35630038+	35630039	5.24	33 3-	1/0 ACSR 6/1	870	834	783	300	1796	56 25	0.02	4.17	24		
35630037+	35630038	5.31	0 1-	2 ACSR 6/1	0	0	777	299	0	0	0.00	3.93	0		
35630036+	35630038	5.28	32 3-	1/0 ACSR 6/1	868	831	780	299	1785	56 25	0.03	4.19	41		
35630023+	35630036	5.31	30 3-	1/0 ACSR 6/1	866	829	778	299	1771	56 25	0.02	4.21	27		
35730029+	35630023	5.35	27 3-	1/0 ACSR 6/1	864	827	775	299	1763	56 25	0.03	4.23	38		
35730030+	35730029	5.38	26 3-	1/0 ACSR 6/1	862	825	773	298	1755	56 24	0.02	4.25	24		
35730031+	35730030	5.42	25 3-	2 ACSR 6/1	860	822	770	298	1749	56 31	0.03	4.28	56		
35730025+	35730031	5.47	24 3-	2 ACSR 6/1	856	818	766	297	1741	55 31	0.04	4.32	75		
35730026+	35730025	5.50	20 3-	2 ACSR 6/1	854	816	764	297	1717	55 31	0.02	4.34	42		
35730027+	35730026	5.54	19 3-	2 ACSR 6/1	851	813	761	296	1709	55 31	0.03	4.37	61		
35730008+	35730027	5.59	11 3-	2 ACSR 6/1	848	810	757	296	1656	54 30	0.03	4.41	64		
35730033+	35730008	5.88	9 3-	2 ACSR 6/1	829	790	736	292	1641	54 30	0.21	4.61	387		
35730036+	35730033	5.89	2 3-	2 ACSR 6/1	829	789	735	292	1596	53 30	0.01	4.62	16		
35730430+	35730036	5.89	2 3-	Consumer	829	789	735	292	1596	53 0	0.00	4.62	0		
35730035+	35730033	5.94	7 1-	2 ACSR 6/1	0	0	732	292	41	2	2	0.00	4.55	0	
R35-73-P037+	35730035	5.94	7 1-	R3C-25-E	0	0	732	292	41	2	11	0.00	4.55	0	
35730032+	D35-73-P037	6.11	7 1-	2 ACSR 6/1	0	0	720	290	41	2	2	0.01	4.56	0	
35730009+	35730032	6.21	7 1-	2 ACSR 6/1	0	0	713	289	41	2	2	0.00	4.56	0	
35730010+	35730009	6.28	7 1-	2 ACSR 6/1	0	0	709	288	41	2	2	0.00	4.56	0	
35730012+	35730010	6.34	1 1-	2 ACSR 6/1	0	0	704	287	12	0	0	0.00	4.56	0	
35730011+	35730010	6.37	5 1-	2 ACSR 6/1	0	0	703	287	21	1	1	0.00	4.57	0	
35740003+	35730011	6.47	3 1-	2 ACSR 6/1	0	0	696	286	16	1	1	0.00	4.57	0	
35740005+	35740003	6.52	1 1-	2 ACSR 6/1	0	0	693	285	8	0	0	0.00	4.57	0	
35740006+	35740005	6.57	0 1-	2 ACSR 6/1	0	0	690	285	0	0	0	0.00	4.57	0	
35740004+	35740003	6.69	0 1-	2 ACSR 6/1	0	0	682	283	0	0	0	0.00	4.57	0	
35740001+	35730011	6.41	2 1-	2 ACSR 6/1	0	0	700	286	5	0	0	0.00	4.57	0	
35740002+	35740001	6.45	1 1-	2 ACSR 6/1	0	0	697	286	2	0	0	0.00	4.57	0	
35730028+	35730027	5.59	7 1-	2 ACSR 6/1	0	0	757	296	41	2	2	0.00	4.30	0	
35730003+	35730028	5.77	6 1-	2 ACSR 6/1	0	0	744	294	37	2	1	0.01	4.30	0	
35730014+	35730003	5.82	2 1-	2 ACSR 6/1	0	0	740	293	22	1	1	0.00	4.30	0	
35730015+	35730014	5.86	1 1-	2 ACSR 6/1	0	0	737	293	7	0	0	0.00	4.30	0	
35730013+	35730014	5.96	1 1-	2 ACSR 6/1	0	0	731	292	15	1	1	0.00	4.31	0	
35730004+	35730003	5.82	2 1-	2 ACSR 6/1	0	0	741	293	8	0	0	0.00	4.30	0	
35730005+	35730004	5.95	0 1-	2 ACSR 6/1	0	0	731	292	0	0	0	0.00	4.30	0	
35730006+	35730025	5.51	4 1-	2 ACSR 6/1	0	0	763	297	23	1	1	0.00	4.64	0	
35730007+	35730006	5.53	3 1-	2 ACSR 6/1	0	0	762	297	19	1	1	0.00	4.64	0	
35530028+	35530100	4.06	25 1-	2 ACSR 6/1	0	0	871	310	185	12	7	0.01	3.75	0	
D35-53-P075+	35530028	4.06	25 1-	R3C-50-E	0	0	871	310	185	12	25	0.00	3.75	0	
35530027+	D35-53-P075	4.16	25 1-	2 ACSR 6/1	0	0	861	309	185	12	7	0.02	3.77	3	
35540016+	35530027	4.25	24 1-	2 ACSR 6/1	0	0	853	308	172	11	7	0.02	3.78	2	
35640021+	35540016	4.44	24 1-	2 ACSR 6/1	0	0	836	305	172	11	7	0.03	3.81	4	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
35640022+	35640021	4.51	22 1-	2 ACSR 6/1	0	0	830	305	163	11	6	0.01	3.82	1
35640023+	35640022	4.55	21 1-	2 ACSR 6/1	0	0	826	304	158	10	6	0.01	3.83	0
35640024+	35640023	4.59	20 1-	2 ACSR 6/1	0	0	822	304	151	10	6	0.01	3.84	0
35640025+	35640024	4.75	19 1-	2 ACSR 6/1	0	0	809	302	143	9	5	0.02	3.86	3
35640028+	35640025	4.84	16 1-	2 ACSR 6/1	0	0	801	300	117	8	4	0.01	3.87	0
35640032+	35640028	4.89	14 1-	2 ACSR 6/1	0	0	797	300	106	7	4	0.00	3.87	0
35640033+	35640032	4.95	13 1-	2 ACSR 6/1	0	0	792	299	100	6	4	0.01	3.88	0
35640034+	35640033	5.00	13 1-	2 ACSR 6/1	0	0	788	299	100	6	4	0.00	3.88	0
35640035+	35640034	5.03	1 1-	2 ACSR 6/1	0	0	786	298	8	0	0	0.00	3.88	0
35640036+	35640035	5.06	1 1-	2 ACSR 6/1	0	0	783	298	8	0	0	0.00	3.88	0
35640033+	35640034	5.15	12 1-	2 ACSR 6/1	0	0	776	297	92	6	4	0.01	3.90	0
35640004+	35640003	5.21	11 1-	2 ACSR 6/1	0	0	771	296	88	6	3	0.01	3.90	0
35640030+	35640004	5.48	11 1-	2 ACSR 6/1	0	0	750	293	88	6	3	0.02	3.93	2
35640031+	35640030	5.56	11 1-	2 ACSR 6/1	0	0	745	292	88	6	3	0.01	3.93	0
35640029+	35640031	5.60	11 1-	2 ACSR 6/1	0	0	742	291	88	6	3	0.00	3.94	0
35650020+	35640029	5.66	10 1-	2 ACSR 6/1	0	0	738	291	79	5	3	0.00	3.94	0
35650023+	35650020	5.69	9 1-	2 ACSR 6/1	0	0	735	290	69	4	3	0.00	3.94	0
35650024+	35650023	5.71	8 1-	2 ACSR 6/1	0	0	734	290	57	3	2	0.00	3.94	0
35650022+	35650024	5.75	7 1-	2 ACSR 6/1	0	0	731	290	45	3	2	0.00	3.95	0
35650016+	35650022	5.77	6 1-	2 ACSR 6/1	0	0	730	289	36	2	1	0.00	3.95	0
35650017+	35650016	5.80	5 1-	2 ACSR 6/1	0	0	728	289	36	2	1	0.00	3.95	0
35650018+	35650017	5.82	4 1-	2 ACSR 6/1	0	0	726	289	25	1	1	0.00	3.95	0
35650013+	35650018	5.87	3 1-	2 ACSR 6/1	0	0	723	288	18	1	1	0.00	3.95	0
35650019+	35650013	5.90	1 1-	2 ACSR 6/1	0	0	721	288	9	0	0	0.00	3.95	0
35650014+	35650013	5.93	0 1-	2 ACSR 6/1	0	0	718	288	0	0	0	0.00	3.95	0
35650021+	35650024	5.76	1 1-	2 ACSR 6/1	0	0	730	290	12	0	0	0.00	3.95	0
35640026+	35640025	4.81	2 1-	2 ACSR 6/1	0	0	804	301	17	1	1	0.00	3.86	0
35640027+	35640026	4.85	1 1-	2 ACSR 6/1	0	0	800	300	10	0	0	0.00	3.86	0
35540015+	35530027	4.25	1 1-	2 ACSR 6/1	0	0	853	308	13	0	0	0.00	3.77	0
35530140+	35530033	3.83	3 1-	2 ACSR 6/1	0	0	890	312	14	0	1	0.00	3.56	0
35530089+	35530141	3.66	221 3-	1/0 ACSR 6/1	971	943	905	314	1166	26	12	0.01	3.18	13
C35-53-P140+	35530089	3.66	0 3-	Capacitor	971	943	905	314	0	-7	0	0.00	3.18	0
35530090+	35530089	3.68	220 3-	1/0 ACSR 6/1	969	942	904	314	1166	26	12	0.00	3.18	5
D35-53-P103+	35530090	3.68	220 3-	REC-70-E	969	942	904	314	1166	26	38	0.00	3.18	0
35530030+	D35-53-P103	3.69	220 3-	1/0 ACSR 6/1	969	941	903	314	1166	26	12	0.00	3.18	2
35530119+	35530030	3.73	5 1-	2 ACSR 6/1	0	0	899	313	66	4	3	0.00	3.13	0
35530120+	35530119	3.77	4 1-	2 ACSR 6/1	0	0	895	313	59	4	2	0.00	3.13	0
35530135+	35530120	3.81	2 1-	2 ACSR 6/1	0	0	891	312	19	1	1	0.00	3.13	0
35530136+	35530135	3.85	1 1-	2 ACSR 6/1	0	0	887	312	8	0	0	0.00	3.13	0
35530134+	35530120	3.79	1 1-	2 ACSR 6/1	0	0	893	313	34	2	1	0.00	3.13	0
35530032+	35530030	3.85	215 3-	1/0 ACSR 6/1	958	929	889	312	1100	24	11	0.03	3.22	31
35530091+	35530032	3.98	4 1-	2 ACSR 6/1	0	0	876	311	21	1	1	0.00	3.17	0
35530031+	35530032	4.00	211 3-	1/0 ACSR 6/1	948	918	876	311	1079	24	11	0.03	3.25	29
35530092+	35530031	4.12	4 1-	2 ACSR 6/1	0	0	865	309	34	2	1	0.00	3.02	0
35530093+	35530092	4.19	3 1-	2 ACSR 6/1	0	0	859	309	29	1	1	0.00	3.03	0
35530094+	35530093	4.28	1 1-	2 ACSR 6/1	0	0	850	307	9	0	0	0.00	3.03	0
35530095+	35530031	4.06	207 3-	1/0 ACSR 6/1	944	913	871	310	1045	23	10	0.01	3.26	11
35530096+	35530095	4.14	206 3-	1/0 ACSR 6/1	939	908	865	310	1039	23	10	0.01	3.27	13
35530113+	35530096	4.19	204 3-	1/0 ACSR 6/1	935	904	861	309	1032	23	10	0.01	3.28	10
35530115+	35530113	4.25	202 3-	1/0 ACSR 6/1	931	900	856	309	1019	23	10	0.01	3.29	11
35530117+	35530115	4.31	201 3-	1/0 ACSR 6/1	927	895	851	308	1012	23	10	0.01	3.30	10
35530118+	35530117	4.42	200 3-	1/0 ACSR 6/1	920	888	842	307	1009	22	10	0.02	3.32	20

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851654+	35530118	4.48	9 1-	2 ACSR 6/1	0	0	837	306	60	4	2	0.00	3.05	0
D35-43-P011+	20851654	4.48	8 1-	FUS	0	0	837	306	54	3	83	0.00	3.05	0
35430010+	D35-43-P011	4.51	8 1-	2 ACSR 6/1	0	0	834	306	54	3	2	0.00	3.05	0
20851831+	35430010	4.60	2 1-	2 ACSR 6/1	0	0	826	305	9	0	0	0.00	3.05	0
20851655+	35430010	4.59	5 1-	2 ACSR 6/1	0	0	828	305	31	2	1	0.00	3.05	0
20851656+	20851655	4.65	3 1-	2 ACSR 6/1	0	0	822	304	23	1	1	0.00	3.05	0
35430009+	20851656	4.68	2 1-	2 ACSR 6/1	0	0	819	304	15	1	1	0.00	3.05	0
35430006+	35430009	4.73	1 1-	2 ACSR 6/1	0	0	815	303	13	0	0	0.00	3.05	0
35430007+	35430009	4.76	1 1-	2 ACSR 6/1	0	0	812	303	2	0	0	0.00	3.05	0
35430008+	35430007	4.93	1 1-	2 ACSR 6/1	0	0	798	301	2	0	0	0.00	3.05	0
20851652+	35530118	4.47	191 3-	1/0 ACSR 6/1	917	885	839	307	949	21	9	0.01	3.33	7
20850104+	20851652	4.61	187 3-	1/0 ACSR 6/1	908	875	828	305	928	21	9	0.03	3.36	23
20850023+	20850104	4.66	1 1-	2 ACSR 6/1	0	0	824	305	7	0	0	0.00	3.62	0
20850105+	20850104	4.73	184 3-	1/0 ACSR 6/1	901	866	819	304	909	20	9	0.02	3.38	20
20850024+	20850105	4.81	182 3-	1/0 ACSR 6/1	896	861	813	303	905	20	9	0.01	3.39	13
20850203+	20850024	4.88	12 1-	2 ACSR 6/1	0	0	807	303	66	4	3	0.00	3.66	0
D35-44-P006+	20850203	4.88	11 1-	REC-25-E	0	0	807	303	59	4	16	0.00	3.66	0
20851834+	D35-44-P006	4.94	11 1-	2 ACSR 6/1	0	0	802	302	59	4	2	0.00	3.66	0
20851835+	20851834	5.03	10 1-	2 ACSR 6/1	0	0	794	301	44	3	2	0.00	3.67	0
20851839+	20851835	5.12	7 1-	2 ACSR 6/1	0	0	788	300	29	1	1	0.00	3.67	0
35440024+	20851839	5.15	1 1-	2 ACSR 6/1	0	0	785	299	4	0	0	0.00	3.67	0
20851840+	20851839	5.31	6 1-	2 ACSR 6/1	0	0	772	297	25	1	1	0.00	3.67	0
20851841+	20851840	5.34	4 1-	2 ACSR 6/1	0	0	770	297	25	1	1	0.00	3.67	0
20851842+	20851841	5.40	3 1-	2 ACSR 6/1	0	0	765	296	19	1	1	0.00	3.67	0
20851843+	20851842	5.44	1 1-	2 ACSR 6/1	0	0	762	296	5	0	0	0.00	3.67	0
35440027+	20851843	5.58	0 1-	2 ACSR 6/1	0	0	752	294	0	0	0	0.00	3.67	0
35440028+	20851840	5.39	2 1-	2 ACSR 6/1	0	0	766	296	0	0	0	0.00	3.67	0
35440029+	35440028	5.42	1 1-	2 ACSR 6/1	0	0	764	296	0	0	0	0.00	3.67	0
35440030+	35440029	5.46	1 1-	2 ACSR 6/1	0	0	761	296	0	0	0	0.00	3.67	0
20851838+	20851835	5.09	1 1-	2 ACSR 6/1	0	0	790	300	6	0	0	0.00	3.67	0
20851837+	20851835	5.09	1 1-	2 ACSR 6/1	0	0	790	300	1	0	0	0.00	3.67	0
20851836+	20851835	5.23	1 1-	2 ACSR 6/1	0	0	778	298	8	0	0	0.00	3.67	0
20850025+	20850024	4.92	169 3-	1/0 ACSR 6/1	889	854	805	303	830	18	8	0.01	3.40	13
35440004+	20850025	4.99	3 1-	2 ACSR 6/1	0	0	799	302	19	1	1	0.00	3.50	0
35440026+	35440004	5.04	2 1-	2 ACSR 6/1	0	0	795	301	4	0	0	0.00	3.50	0
35440026+	35440026	5.06	1 1-	2 ACSR 6/1	0	0	793	301	4	0	0	0.00	3.50	0
20850103+	35440004	5.01	1 1-	2 ACSR 6/1	0	0	797	301	15	1	1	0.00	3.50	0
35440038+	20850025	5.02	166 3-	1/0 ACSR 6/1	883	848	798	302	811	18	8	0.01	3.42	13
35440039+	35440038	5.08	165 3-	1/0 ACSR 6/1	879	843	793	301	804	18	8	0.01	3.43	8
35440037+	35440039	5.14	0 1-	2 ACSR 6/1	0	0	789	300	0	0	0	0.00	3.54	0
35440036+	35440039	5.15	165 3-	1/0 ACSR 6/1	876	840	789	300	804	18	8	0.01	3.44	8
35440035+	35440036	5.34	163 3-	1/0 ACSR 6/1	864	827	776	299	803	18	8	0.03	3.47	24
D35-44-P039+	35440035	5.34	3 1-	FUS	0	0	776	299	16	1	25	0.00	3.07	0
35440023+	D35-44-P039	5.44	3 1-	2 ACSR 6/1	0	0	768	298	16	1	1	0.00	3.07	0
35440034+	35440023	5.47	2 1-	2 ACSR 6/1	0	0	766	297	13	0	0	0.00	3.07	0
35440032+	35440035	5.43	160 3-	1/0 ACSR 6/1	859	822	770	298	787	17	8	0.01	3.48	11
35440033+	35440032	5.52	159 3-	1/0 ACSR 6/1	854	817	764	297	784	17	8	0.01	3.49	11
20850204+	35440033	5.59	1 1-	2 ACSR 6/1	0	0	759	296	4	0	0	0.00	3.67	0
35440031+	35440033	5.61	158 3-	1/0 ACSR 6/1	849	811	758	296	780	17	8	0.01	3.51	11
35440040+	35440031	5.63	2 1-	2 ACSR 6/1	0	0	756	296	7	0	0	0.00	3.69	0
35440025+	35440031	5.69	154 3-	1/0 ACSR 6/1	845	807	753	296	764	17	8	0.01	3.52	9
20851833+	35440025	5.97	153 3-	1/0 ACSR 6/1	830	790	736	293	756	17	7	0.04	3.56	32

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D35-44-P054+	20851832+	20851833	6.01	1 1-	2 ACSR 6/1	0	0	733 293	3	0	0	0.00	3.79	0
	35440003+	20851833	6.01	152 3-	1/0 ACSR 6/1	828	788	734 293	752	17	7	0.00	3.56	4
		35440003	6.01	152 3-	REC-50-E	828	788	734 293	752	17	34	0.00	3.56	0
	20850033+	D35-44-P054	6.03	152 3-	1/0 ACSR 6/1	826	787	732 293	752	17	7	0.00	3.56	3
	20850034+	20850033	6.26	151 3-	1/0 ACSR 6/1	815	774	719 291	744	16	7	0.03	3.59	25
	20850032+	20850034	6.38	148 3-	1/0 ACSR 6/1	808	767	711 290	742	16	7	0.02	3.61	14
	20850031+	20850032	6.46	2 1-	2 ACSR 6/1	0	0	707 289	8	0	0	0.00	3.08	0
	20850030+	20850032	6.42	145 3-	1/0 ACSR 6/1	806	766	709 289	732	16	7	0.00	3.62	4
	35450033+	20850030	6.46	144 3-	1/0 ACSR 6/1	804	763	707 289	724	16	7	0.00	3.62	4
	35450031+	35450033	6.48	140 3-	1/0 ACSR 6/1	803	762	706 289	704	16	7	0.00	3.62	3
	35450029+	35450031	6.54	139 3-	1/0 ACSR 6/1	800	759	703 288	700	15	7	0.01	3.63	5
	35450028+	35450029	6.59	137 3-	1/0 ACSR 6/1	798	757	700 288	686	15	7	0.01	3.64	5
	35450027+	35450028	6.62	1 1-	2 ACSR 6/1	0	0	698 288	12	0	0	0.00	3.88	0
	35450026+	35450028	6.66	2 1-	2 ACSR 6/1	0	0	695 287	3	0	0	0.00	3.88	0
	35450025+	35450028	6.69	132 3-	1/0 ACSR 6/1	793	751	695 287	657	15	7	0.01	3.65	9
	35450024+	35450025	6.79	130 3-	1/0 ACSR 6/1	788	746	689 286	652	14	6	0.01	3.66	9
	35450030+	35450024	6.86	129 3-	1/0 ACSR 6/1	784	743	685 286	650	14	6	0.01	3.67	6
	20850145+	35450030	6.94	127 3-	1/0 ACSR 6/1	781	739	681 285	644	14	6	0.01	3.68	7
	20850167+	20850145	7.00	126 3-	1/0 ACSR 6/1	778	735	678 285	641	14	6	0.01	3.69	6
	20850166+	20850167	7.14	125 3-	1/0 ACSR 6/1	771	729	671 283	640	14	6	0.01	3.70	12
	20850165+	20850166	7.18	2 1-	2 ACSR 6/1	0	0	669 283	15	1	1	0.00	3.08	0
	20850163+	20850166	7.18	4 1-	2 ACSR 6/1	0	0	668 283	27	1	1	0.00	4.09	0
	20850164+	20850163	7.20	3 1-	2 ACSR 6/1	0	0	667 283	19	1	1	0.00	4.09	0
	35450021+	20850166	7.21	119 3-	1/0 ACSR 6/1	768	725	667 283	598	13	6	0.01	3.71	5
35-45-P046-B+		35450021	7.21	119 3-	Closed	768	725	667 283	598	13	0	0.00	3.71	0
35-45-P046-A+		35-45-P046-B	7.21	119 3-	Closed	768	725	667 283	598	13	0	0.00	3.71	0
	35450022+	35-45-P046-A	7.28	119 3-	1/0 ACSR 6/1	765	722	664 282	598	13	6	0.01	3.72	5
D35-45-P023+		35450022	7.28	8 1-	REC-25-E	0	0	664 282	31	2	8	0.00	3.08	0
	35450019+	D35-45-P023	7.33	8 1-	2 ACSR 6/1	0	0	661 282	31	2	1	0.00	3.08	0
	20850162+	35450019	7.38	0 1-	2 ACSR 6/1	0	0	658 281	0	0	0	0.00	3.08	0
	35450020+	35450019	7.77	8 1-	2 ACSR 6/1	0	0	636 277	31	2	1	0.01	3.10	0
	35350008+	35450020	8.14	6 1-	2 ACSR 6/1	0	0	617 273	19	1	1	0.01	3.10	0
	35350009+	35350008	8.59	5 1-	2 ACSR 6/1	0	0	594 269	16	1	1	0.01	3.11	0
	35350007+	35350009	8.67	1 1-	2 ACSR 6/1	0	0	591 268	4	0	0	0.00	3.11	0
	35350006+	35350009	8.65	4 1-	2 ACSR 6/1	0	0	591 268	12	0	0	0.00	3.11	0
	20850205+	35350006	8.85	2 1-	2 ACSR 6/1	0	0	582 266	6	0	0	0.00	3.11	0
	35350010+	35450020	7.97	2 1-	2 ACSR 6/1	0	0	626 275	12	0	0	0.00	3.10	0
	35360005+	35350010	8.09	2 1-	2 ACSR 6/1	0	0	619 274	12	0	0	0.00	3.10	0
	35360006+	35360005	8.28	1 1-	2 ACSR 6/1	0	0	609 272	4	0	0	0.00	3.10	0
	35360007+	35360006	8.32	0 1-	2 ACSR 6/1	0	0	607 271	0	0	0	0.00	3.10	0
	35360008+	35360005	8.13	1 1-	2 ACSR 6/1	0	0	617 273	8	0	0	0.00	3.10	0
	35360009+	35360008	8.55	1 1-	2 ACSR 6/1	0	0	596 269	8	0	0	0.00	3.10	0
	35450023+	35450022	7.81	111 3-	1/0 ACSR 6/1	741	698	639 278	567	12	6	0.05	3.77	42
	20850035+	35450023	8.06	0 3-	2 ACSR 6/1	728	684	625 275	0	0	0	0.00	3.77	0
D35-46-P010+		20850035	8.06	0 3-	FUS	728	684	625 275	0	0	0	0.00	3.77	0
	35460044+	D35-46-P010	8.22	0 3-	2 ACSR 6/1	720	675	617 274	0	0	0	0.00	3.77	0
	35460017+	35450023	8.06	111 3-	1/0 ACSR 6/1	730	686	627 276	567	12	6	0.03	3.80	20
	35460018+	35460017	8.28	111 3-	1/0 ACSR 6/1	721	677	617 274	567	12	6	0.02	3.82	17
	20850036+	35460018	8.32	4 1-	2 ACSR 6/1	0	0	616 274	12	0	0	0.00	4.05	0
	20850037+	20850036	8.41	4 1-	2 ACSR 6/1	0	0	611 273	12	0	0	0.00	4.05	0
	20850038+	20850037	8.62	1 1-	2 ACSR 6/1	0	0	601 271	0	0	0	0.00	4.05	0
	35460048+	20850038	8.69	1 1-	2 ACSR 6/1	0	0	597 270	0	0	0	0.00	4.05	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
35460019+	35460018	8.33	107 3-	1/0 ACSR 6/1	719	675	615	274	555	12	6	0.00	3.83	3
20850008+	35460019	8.38	2 1-	2 ACSR 6/1	0	0	613	274	17	1	1	0.00	4.06	0
35460020+	20850008	8.42	1 1-	2 ACSR 6/1	0	0	611	273	12	0	0	0.00	4.06	0
35460021+	35460019	8.39	105 3-	1/0 ACSR 6/1	717	672	613	274	537	12	5	0.00	3.83	4
20850146+	35460021	8.49	104 3-	1/0 ACSR 6/1	713	668	609	273	534	12	5	0.01	3.84	7
35460056+	20850146	8.50	57 1-	2 ACSR 6/1	0	0	608	273	294	20	11	0.01	4.42	1
35460057+	35460056	8.56	57 1-	2 ACSR 6/1	0	0	605	272	294	20	11	0.02	4.43	4
D35-46-P034+	35460057	8.56	57 1-	REC-25-E	0	0	605	272	294	20	81	0.00	4.43	0
35460058+	D35-46-P034	8.71	57 1-	2 ACSR 6/1	0	0	597	271	294	20	11	0.04	4.48	11
35460061+	35460058	8.78	4 1-	2 ACSR 6/1	0	0	594	270	29	1	1	0.00	4.48	0
35460062+	35460061	8.84	2 1-	2 ACSR 6/1	0	0	591	269	19	1	1	0.00	4.48	0
35460063+	35460062	8.88	1 1-	2 ACSR 6/1	0	0	590	269	11	0	0	0.00	4.48	0
35460059+	35460058	8.75	52 1-	2 ACSR 6/1	0	0	596	270	257	17	10	0.01	4.49	2
35460049+	35460059	8.78	50 1-	2 ACSR 6/1	0	0	595	270	242	16	9	0.01	4.49	1
35460051+	35460049	8.84	48 1-	2 ACSR 6/1	0	0	591	269	229	15	9	0.01	4.51	3
35460050+	35460051	8.90	46 1-	2 ACSR 6/1	0	0	589	269	215	14	8	0.01	4.52	2
35460053+	35460050	8.94	45 1-	2 ACSR 6/1	0	0	587	268	209	14	8	0.01	4.53	1
35460055+	35460053	8.99	1 1-	2 ACSR 6/1	0	0	584	268	7	0	0	0.00	4.53	0
35460060+	35460055	9.07	1 1-	2 ACSR 6/1	0	0	581	267	7	0	0	0.00	4.53	0
35460054+	35460053	8.99	40 1-	2 ACSR 6/1	0	0	585	268	187	12	7	0.01	4.54	1
35460023+	35460054	9.04	30 1-	2 ACSR 6/1	0	0	582	267	131	9	5	0.01	4.54	0
35470030+	35460023	9.07	26 1-	2 ACSR 6/1	0	0	581	267	117	8	4	0.00	4.55	0
35470029+	35470030	9.11	25 1-	2 ACSR 6/1	0	0	579	267	109	7	4	0.00	4.55	0
35470039+	35470029	9.17	22 1-	2 ACSR 6/1	0	0	576	266	99	6	4	0.01	4.56	0
35570020+	35470039	9.25	20 1-	2 ACSR 6/1	0	0	572	265	92	6	4	0.01	4.56	0
35570019+	35570020	9.32	17 1-	2 ACSR 6/1	0	0	569	265	79	5	3	0.01	4.57	0
35570018+	35570019	9.39	15 1-	2 ACSR 6/1	0	0	566	264	73	5	3	0.00	4.57	0
35570015+	35570018	9.43	5 1-	2 ACSR 6/1	0	0	565	264	19	1	1	0.00	4.57	0
35570016+	35570015	9.45	3 1-	2 ACSR 6/1	0	0	564	263	12	0	0	0.00	4.58	0
35570017+	35570016	9.51	1 1-	2 ACSR 6/1	0	0	561	263	0	0	0	0.00	4.58	0
35570014+	35570018	9.47	5 1-	2 ACSR 6/1	0	0	563	263	35	2	1	0.00	4.58	0
35570012+	35570014	9.53	4 1-	2 ACSR 6/1	0	0	560	263	25	1	1	0.00	4.58	0
35560006+	35570012	9.63	2 1-	2 ACSR 6/1	0	0	556	262	12	0	0	0.00	4.58	0
35560007+	35560006	9.67	1 1-	2 ACSR 6/1	0	0	554	261	7	0	0	0.00	4.58	0
35560005+	35570012	9.60	2 1-	2 ACSR 6/1	0	0	557	262	13	0	0	0.00	4.58	0
35570011+	35560005	9.65	1 1-	2 ACSR 6/1	0	0	555	261	10	0	0	0.00	4.58	0
35570013+	35570011	9.73	1 1-	2 ACSR 6/1	0	0	552	261	10	0	0	0.00	4.58	0
35560008+	35570013	9.79	0 1-	2 ACSR 6/1	0	0	549	260	0	0	0	0.00	4.58	0
35460047+	35460054	9.10	10 1-	2 ACSR 6/1	0	0	579	267	56	3	2	0.01	4.54	0
35470028+	35460047	9.16	3 1-	2 ACSR 6/1	0	0	576	266	15	1	1	0.00	4.54	0
35470026+	35460047	9.16	3 1-	2 ACSR 6/1	0	0	577	266	12	0	0	0.00	4.54	0
35470027+	35470026	9.21	1 1-	2 ACSR 6/1	0	0	574	266	6	0	0	0.00	4.54	0
35470025+	35460047	9.14	1 1-	2 ACSR 6/1	0	0	577	266	8	0	0	0.00	4.54	0
35470010+	35460047	9.14	1 1-	2 ACSR 6/1	0	0	577	266	8	0	0	0.00	4.54	0
20850412+	35460053	9.02	3 1-	2 ACSR 6/1	0	0	583	268	10	0	0	0.00	4.53	0
35460052+	35460051	8.90	1 1-	2 ACSR 6/1	0	0	589	269	8	0	0	0.00	4.51	0
20850147+	20850146	8.53	47 1-	2 ACSR 6/1	0	0	607	273	239	16	9	0.01	4.08	2
20850149+	20850147	8.58	43 1-	2 ACSR 6/1	0	0	604	272	220	15	8	0.01	4.09	2
20850156+	20850149	8.62	43 1-	2 ACSR 6/1	0	0	602	272	220	15	8	0.01	4.10	2
35460045+	20850156	8.67	40 1-	2 ACSR 6/1	0	0	599	271	210	14	8	0.01	4.11	2
D35-46-P089+	35460045	8.67	40 1-	REC-25-E	0	0	599	271	210	14	58	0.00	4.11	0
35460046+	D35-46-P089	8.70	40 1-	2 ACSR 6/1	0	0	598	271	210	14	8	0.01	4.12	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
35460022+	35460046	8.74	38 1-	2 ACSR 6/1	0	0	596	270	210	14	8	0.01	4.12	2
35470037+	35460022	8.77	2 1-	2 ACSR 6/1	0	0	595	270	14	0	1	0.00	4.13	0
35470038+	35470037	8.81	1 1-	2 ACSR 6/1	0	0	593	270	4	0	0	0.00	4.13	0
35470036+	35460022	8.78	36 1-	2 ACSR 6/1	0	0	594	270	196	13	7	0.01	4.13	1
35470022+	35470036	8.84	32 1-	2 ACSR 6/1	0	0	591	269	183	12	7	0.01	4.14	2
35470031+	35470022	8.88	2 1-	2 ACSR 6/1	0	0	590	269	11	0	0	0.00	4.14	0
35470023+	35470022	8.90	2 1-	2 ACSR 6/1	0	0	589	269	15	1	1	0.00	4.14	0
35470013+	35470023	8.95	1 1-	2 ACSR 6/1	0	0	586	268	12	0	0	0.00	4.14	0
35470011+	35470022	8.88	26 1-	2 ACSR 6/1	0	0	590	269	154	10	6	0.00	4.15	0
35470024+	35470011	9.02	1 1-	2 ACSR 6/1	0	0	583	268	7	0	0	0.00	4.15	0
35470012+	35470011	8.95	24 1-	2 ACSR 6/1	0	0	586	268	138	9	5	0.01	4.16	1
35470018+	35470012	9.05	18 1-	2 ACSR 6/1	0	0	581	267	98	6	4	0.01	4.17	0
35470019+	35470018	9.12	2 1-	2 ACSR 6/1	0	0	578	267	11	0	0	0.00	4.17	0
35470017+	35470018	9.12	0 1-	2 ACSR 6/1	0	0	578	267	0	0	0	0.00	4.17	0
35470016+	35470018	9.27	15 1-	2 ACSR 6/1	0	0	572	265	78	5	3	0.02	4.19	1
35370017+	35470016	9.32	1 1-	2 ACSR 6/1	0	0	569	265	7	0	0	0.00	4.19	0
35370029+	35470016	9.35	2 1-	2 ACSR 6/1	0	0	568	264	17	1	1	0.00	4.19	0
35370023+	35370029	9.40	1 1-	2 ACSR 6/1	0	0	566	264	8	0	0	0.00	4.19	0
35370028+	35470016	9.35	1 1-	2 ACSR 6/1	0	0	568	264	3	0	0	0.00	4.19	0
20851651+	35470016	9.35	2 1-	2 ACSR 6/1	0	0	568	264	14	0	1	0.00	4.19	0
35370018+	20851651	9.46	1 1-	2 ACSR 6/1	0	0	563	263	4	0	0	0.00	4.19	0
35370024+	35470016	9.40	9 1-	2 ACSR 6/1	0	0	566	264	37	2	1	0.00	4.19	0
35370019+	35370024	9.43	8 1-	2 ACSR 6/1	0	0	565	264	36	2	1	0.00	4.19	0
35370021+	35370019	9.47	1 1-	2 ACSR 6/1	0	0	563	263	5	0	0	0.00	4.19	0
35370020+	35370019	9.51	7 1-	2 ACSR 6/1	0	0	561	263	32	2	1	0.00	4.19	0
35370026+	35370020	9.54	2 1-	2 ACSR 6/1	0	0	560	262	10	0	0	0.00	4.19	0
35370027+	35370026	9.58	1 1-	2 ACSR 6/1	0	0	558	262	2	0	0	0.00	4.19	0
35370025+	35370020	9.63	5 1-	2 ACSR 6/1	0	0	556	262	22	1	1	0.00	4.20	0
35370022+	35370025	9.66	4 1-	2 ACSR 6/1	0	0	555	261	13	0	1	0.00	4.20	0
35370030+	35370022	9.72	3 1-	2 ACSR 6/1	0	0	552	261	4	0	0	0.00	4.20	0
20851650+	35370030	10.11	2 1-	2 ACSR 6/1	0	0	536	257	4	0	0	0.00	4.20	0
35470014+	35470012	9.02	4 1-	2 ACSR 6/1	0	0	583	268	28	1	1	0.00	4.16	0
35470015+	35470014	9.08	1 1-	2 ACSR 6/1	0	0	580	267	5	0	0	0.00	4.16	0
35470020+	35470036	8.82	2 1-	2 ACSR 6/1	0	0	592	270	9	0	0	0.00	4.13	0
35470021+	35470020	8.86	0 1-	2 ACSR 6/1	0	0	590	269	0	0	0	0.00	4.13	0
20850157+	20850156	8.71	1 1-	2 ACSR 6/1	0	0	597	271	7	0	0	0.00	4.10	0
20850148+	20850147	8.56	2 1-	2 ACSR 6/1	0	0	605	272	12	0	0	0.00	4.08	0
20850411+	20850148	8.71	1 1-	2 ACSR 6/1	0	0	597	271	3	0	0	0.00	4.08	0
35450032+	35450033	6.50	2 1-	2 ACSR 6/1	0	0	704	289	12	0	0	0.00	3.92	0
35430011+	20851652	4.57	0 1-	2 ACSR 6/1	0	0	830	305	0	0	0	0.00	3.36	0
20851653+	20851652	4.49	1 1-	2 ACSR 6/1	0	0	836	306	5	0	0	0.00	3.59	0
35530116+	35530115	4.31	1 1-	2 ACSR 6/1	0	0	851	308	6	0	0	0.00	3.55	0
35530114+	35530113	4.23	1 1-	2 ACSR 6/1	0	0	857	309	9	0	0	0.00	3.54	0
35530128+	35530127	3.10	1 1-	2 ACSR 6/1	0	0	957	319	2	0	0	0.00	2.64	0
35530121+	35530112	2.74	6 1-	2 ACSR 6/1	0	0	994	323	15	1	1	0.00	2.26	0
35530122+	35530121	2.79	5 1-	2 ACSR 6/1	0	0	989	322	14	0	1	0.00	2.26	0
35530123+	35530122	2.86	3 1-	2 ACSR 6/1	0	0	980	321	9	0	0	0.00	2.26	0
35530124+	35530123	2.92	2 1-	2 ACSR 6/1	0	0	973	321	9	0	0	0.00	2.26	0
35530137+	35530104	2.40	4 1-	2 ACSR 6/1	0	0	1032	327	29	1	1	0.00	2.30	0
35530138+	35530137	2.43	2 1-	2 ACSR 6/1	0	0	1028	326	13	0	0	0.00	2.30	0
35530105+	35530104	2.44	1 1-	2 ACSR 6/1	0	0	1026	326	8	0	0	0.00	2.30	0
35530103+	35520058	2.32	1 1-	2 ACSR 6/1	0	0	1041	327	8	0	0	0.00	2.01	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 21	EMMANUEL (21)	3056			5109	5225	5430	190	19112						
SUB 21,	CKT 1														
	BK2101	EMMANUEL (21)	0.00	741 3-	BK2101	5109	5225	5430	190	4571	191	48	0.00	0.00	0
	10560096	BK2101	0.04	741 3-	336 ACSR 18/1	5026	5122	5279	190	4571	191	36	0.07	0.04	141
	10560100	10560096	0.12	741 3-	336 ACSR 18/1	4855	4914	4982	190	4570	191	36	0.15	0.13	300
	10560103	10560100	0.20	740 3-	336 ACSR 18/1	4708	4737	4736	190	4565	191	36	0.14	0.21	274
	10560086	10560103	0.41	739 3-	336 ACSR 18/1	4351	4315	4176	189	4548	190	36	0.37	0.43	731
	10660177	10560086	0.48	737 3-	336 ACSR 18/1	4245	4193	4019	189	4522	190	36	0.12	0.50	238
	10660179	10660177	0.52	734 3-	336 ACSR 18/1	4187	4126	3935	189	4506	189	36	0.07	0.54	134
	10660170	10660179	0.55	734 3-	336 ACSR 18/1	4138	4070	3865	189	4505	189	36	0.06	0.57	116
	10660167	10660170	0.60	731 3-	336 ACSR 18/1	4070	3993	3770	189	4492	189	36	0.08	0.62	163
	10660168	10660167	0.67	730 3-	336 ACSR 18/1	3982	3894	3648	189	4472	188	36	0.11	0.68	220
	10660151	10660168	0.81	729 3-	336 ACSR 18/1	3798	3689	3402	188	4469	188	36	0.25	0.83	488
	10660139	10660151	0.93	728 3-	336 ACSR 18/1	3653	3530	3216	188	4454	187	35	0.21	0.95	416
	10660140	10660139	1.02	728 3-	336 ACSR 18/1	3557	3426	3097	188	4450	187	35	0.15	1.04	294
	10660081	10660140	1.08	728 3-	4/0 ACSR 6/1	3480	3345	3005	188	4447	187	55	0.14	1.13	316
	10660115	10660081	1.12	726 3-	4/0 ACSR 6/1	3424	3286	2938	188	4431	187	55	0.11	1.20	239
	10660116	10660115	1.21	725 3-	4/0 ACSR 6/1	3321	3177	2818	187	4421	186	55	0.21	1.32	458
D10-66-P075	10660116	10660116	1.21	2 1-	FUS-60	0	0	2818	187	14	1	3	0.00	1.12	0
10660131	D10-66-P075	10660116	1.30	2 1-	2 ACSR 6/1	0	0	2667	187	14	1	1	0.00	1.12	0
10660144	10660116	1.32	708 3-	4/0 ACSR 6/1	3199	3051	2680	187	4319	182	54	0.25	1.48	544	
10660143	10660144	1.35	2 1-	2 ACSR 6/1	0	0	2620	187	10	1	1	0.00	2.49	0	
10660156	10660144	1.36	702 3-	4/0 ACSR 6/1	3154	3004	2630	187	4282	181	53	0.10	1.54	210	
10660157	10660156	1.42	700 3-	4/0 ACSR 6/1	3085	2932	2553	187	4270	181	53	0.16	1.64	334	
10660113	10660157	1.54	623 3-	4/0 ACSR 6/1	2971	2815	2430	186	3624	153	45	0.21	1.78	405	
10760034	10660113	1.64	69 3-	1/0 ACSR 6/1	2860	2699	2320	186	355	15	7	0.02	1.80	20	
D10-66-P216	10760034	1.64	69 3-	REC-50-4H	2860	2699	2320	186	355	15	30	0.00	1.80	0	
10660118	D10-66-P216	1.69	66 3-	1/0 ACSR 6/1	2808	2645	2270	185	338	14	6	0.01	1.81	10	
10660119	10660118	1.95	65 3-	1/0 ACSR 6/1	2551	2382	2027	184	327	13	6	0.04	1.87	51	
10660114	10660119	2.03	64 3-	2 ACSR 6/1	2475	2303	1957	183	320	13	8	0.01	1.89	21	
10760035	10660114	2.06	61 3-	2 ACSR 6/1	2442	2268	1927	183	302	12	7	0.01	1.90	9	
10760036	10760035	2.09	60 3-	2 ACSR 6/1	2412	2237	1900	183	293	12	7	0.00	1.91	8	
10760038	10760036	2.14	2 1-	2 ACSR 6/1	0	0	1860	183	20	2	1	0.00	1.97	0	
10760026	10760038	2.25	1 1-	2 ACSR 6/1	0	0	1770	182	7	0	0	0.00	1.97	0	
10760037	10760036	2.21	55 1-	2 ACSR 6/1	0	0	1803	182	268	34	19	0.11	2.08	24	
D10-76-P056	10760037	2.21	55 1-	REC-35-H	0	0	1803	182	267	34	98	0.00	2.08	0	
10760021	D10-76-P056	2.29	55 1-	2 ACSR 6/1	0	0	1738	181	267	34	19	0.08	2.16	18	
10760023	10760021	2.39	8 1-	2 ACSR 6/1	0	0	1670	181	25	3	2	0.01	2.17	0	
10760024	10760023	2.49	5 1-	2 ACSR 6/1	0	0	1603	180	21	2	1	0.01	2.18	0	
10760025	10760024	2.60	4 1-	2 ACSR 6/1	0	0	1534	179	19	2	1	0.01	2.19	0	
10760027	10760025	3.13	3 1-	2 ACSR 6/1	0	0	1270	175	14	1	1	0.01	2.20	0	
10760020	10760021	2.36	47 1-	2 ACSR 6/1	0	0	1693	181	242	31	17	0.06	2.22	11	
10760029	10760020	2.45	46 1-	2 ACSR 6/1	0	0	1629	180	237	30	17	0.08	2.30	15	
10760030	10760029	2.54	45 1-	2 ACSR 6/1	0	0	1572	180	227	29	16	0.07	2.37	13	
10760031	10760030	2.57	43 1-	2 ACSR 6/1	0	0	1552	179	224	28	16	0.03	2.40	5	
10760032	10760031	2.67	42 1-	2 ACSR 6/1	0	0	1494	179	220	28	16	0.08	2.48	14	
10750053	10760032	2.72	18 1-	2 ACSR 6/1	0	0	1468	178	90	11	6	0.02	2.49	1	
10750054	10750053	2.78	17 1-	2 ACSR 6/1	0	0	1435	178	87	11	6	0.02	2.51	1	
10750055	10750054	2.87	15 1-	2 ACSR 6/1	0	0	1388	177	75	9	5	0.03	2.54	2	
10750077	10750055	2.97	14 1-	2 ACSR 6/1	0	0	1344	176	73	9	5	0.02	2.56	1	
10750079	10750077	3.00	6 1-	2 ACSR 6/1	0	0	1326	176	38	4	3	0.00	2.56	0	
10750113	10750079	3.04	1 1-	2 ACSR 6/1	0	0	1310	176	10	1	1	0.00	2.56	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10750074	10750079	3.07	2 1-	2 ACSR 6/1	0	0	1297	176	6	0	0	0.00	2.56	0
10750078	10750077	3.01	6 1-	2 ACSR 6/1	0	0	1326	176	22	2	2	0.00	2.56	0
10750076	10750078	3.04	3 1-	2 ACSR 6/1	0	0	1309	176	12	1	1	0.00	2.56	0
10750112	10750076	3.09	2 1-	2 ACSR 6/1	0	0	1290	175	9	1	1	0.00	2.56	0
10760042	10750112	3.14	1 1-	2 ACSR 6/1	0	0	1268	175	1	0	0	0.00	2.56	0
10760041	10750112	3.15	1 1-	2 ACSR 6/1	0	0	1262	175	8	1	1	0.00	2.56	0
10750052	10760032	2.72	1 1-	2 ACSR 6/1	0	0	1469	178	7	0	1	0.00	2.48	0
10750051	10760032	2.77	22 1-	2 ACSR 6/1	0	0	1443	178	121	15	9	0.04	2.52	4
10750083	10750051	2.85	19 1-	2 ACSR 6/1	0	0	1401	177	81	10	6	0.02	2.54	1
10750086	10750083	2.94	18 1-	2 ACSR 6/1	0	0	1356	177	76	9	5	0.02	2.56	0
10750110	10750086	3.00	3 1-	2 ACSR 6/1	0	0	1331	176	10	1	1	0.00	2.56	0
10750111	10750110	3.10	2 1-	2 ACSR 6/1	0	0	1286	175	3	0	0	0.00	2.56	0
10750116	10750111	3.17	0 1-	2 ACSR 6/1	0	0	1256	175	0	0	0	0.00	2.56	0
10750087	10750086	2.98	3 1-	2 ACSR 6/1	0	0	1339	176	12	1	1	0.00	2.56	0
10750109	10750087	3.10	2 1-	2 ACSR 6/1	0	0	1286	175	8	1	1	0.00	2.57	0
10750108	10750109	3.13	1 1-	2 ACSR 6/1	0	0	1272	175	7	0	0	0.00	2.57	0
10750071	10750086	3.02	6 1-	2 ACSR 6/1	0	0	1321	176	23	2	2	0.01	2.57	0
10750068	10750071	3.16	2 1-	2 ACSR 6/1	0	0	1260	175	12	1	1	0.00	2.57	0
10750069	10750068	3.22	1 1-	2 ACSR 6/1	0	0	1236	175	4	0	0	0.00	2.57	0
10750056	10750071	3.15	3 1-	2 ACSR 6/1	0	0	1264	175	8	1	1	0.00	2.57	0
10750072	10750056	3.24	1 1-	2 ACSR 6/1	0	0	1226	174	4	0	0	0.00	2.57	0
10750070	10750056	3.20	2 1-	2 ACSR 6/1	0	0	1241	175	4	0	0	0.00	2.57	0
10750073	10750056	3.44	0 1-	2 ACSR 6/1	0	0	1154	173	0	0	0	0.00	2.57	0
10750075	10750051	2.80	3 1-	2 ACSR 6/1	0	0	1424	178	40	5	3	0.00	2.52	0
10750080	10750075	2.83	2 1-	2 ACSR 6/1	0	0	1410	177	29	3	2	0.00	2.53	0
10750082	10750080	2.91	1 1-	2 ACSR 6/1	0	0	1371	177	11	1	1	0.00	2.53	0
10750081	10750080	2.87	1 1-	2 ACSR 6/1	0	0	1389	177	19	2	1	0.00	2.53	0
10760028	10760020	2.44	1 1-	2 ACSR 6/1	0	0	1633	180	5	0	0	0.00	2.22	0
10660161	10660119	2.02	1 1-	2 ACSR 6/1	0	0	1965	184	6	0	0	0.00	0.78	0
10660117	D10-66-P216	1.65	3 1-	2 ACSR 6/1	0	0	2306	186	18	2	1	0.00	2.97	0
10760022	10660113	2.00	553 3-	4/0 ACSR 6/1	2589	2427	2038	185	3253	137	41	0.73	2.27	1318
10770127	10760022	2.12	3 1-	2 ACSR 6/1	0	0	1929	184	22	2	2	0.01	3.69	0
10770129	10770127	2.16	2 1-	2 ACSR 6/1	0	0	1897	183	13	1	1	0.00	3.69	0
10770130	10770129	2.18	1 1-	2 ACSR 6/1	0	0	1874	183	13	1	1	0.00	3.69	0
10770086	10770129	2.21	1 1-	2 ACSR 6/1	0	0	1851	183	0	0	0	0.00	3.69	0
10770134	10770086	2.25	1 1-	2 ACSR 6/1	0	0	1818	183	0	0	0	0.00	3.69	0
10770131	10770086	2.26	0 1-	2 ACSR 6/1	0	0	1815	183	0	0	0	0.00	3.69	0
10770126	10760022	2.09	3 1-	2 ACSR 6/1	0	0	1952	184	8	1	1	0.00	3.68	0
10770125	10760022	2.08	547 3-	4/0 ACSR 6/1	2530	2368	1981	184	3211	136	40	0.13	2.36	230
10770081	10770125	2.14	408 3-	4/0 ACSR 6/1	2492	2330	1943	184	2189	92	27	0.03	2.40	70
10770079	10770081	2.25	407 3-	4/0 ACSR 6/1	2417	2255	1871	184	2181	92	27	0.06	2.48	141
10770133	10770079	2.34	1 1-	2 ACSR 6/1	0	0	1804	183	2	0	0	0.00	1.94	0
10770080	10770079	2.30	406 3-	4/0 ACSR 6/1	2383	2222	1840	184	2178	92	27	0.03	2.51	65
C10-77-P52	10770080	2.30	0 3-	Capacitor	2383	2222	1840	184	0	-13	0	0.00	2.51	0
10770106	10770080	2.39	406 3-	4/0 ACSR 6/1	2332	2171	1791	183	2177	93	28	0.06	2.58	107
10770103	10770106	2.50	404 3-	4/0 ACSR 6/1	2269	2109	1733	183	2159	93	27	0.08	2.67	134
D10-77-P061	10770103	2.50	3 1-	FUS-60	0	0	1733	183	14	1	3	0.00	4.07	0
10770087	D10-77-P061	2.52	3 1-	2 ACSR 6/1	0	0	1714	183	14	1	1	0.00	4.07	0
10770089	10770087	2.57	3 1-	2 ACSR 6/1	0	0	1684	182	14	1	1	0.00	4.07	0
10770090	10770089	2.63	3 1-	2 ACSR 6/1	0	0	1642	182	14	1	1	0.00	4.07	0
10760033	10770090	2.84	2 1-	2 ACSR 6/1	0	0	1520	180	11	1	1	0.00	4.08	0
10770128	10770103	2.61	401 3-	4/0 ACSR 6/1	2209	2050	1678	183	2144	92	27	0.07	2.76	136

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10870052	10770128	2.94	396 3-	4/0 ACSR 6/1	2040	1885	1526	182	2108	91	27	0.21	3.04	408
D10-87-P034	10870052	2.94	4 1-	FUS-60	0	0	1526	182	26	3	6	0.00	4.35	0
10870053	D10-87-P034	2.99	4 1-	2 ACSR 6/1	0	0	1502	181	26	3	2	0.00	4.36	0
10870046	10870053	3.01	3 1-	2 ACSR 6/1	0	0	1491	181	17	2	1	0.00	4.36	0
10870072	10870046	3.12	3 1-	2 ACSR 6/1	0	0	1435	180	17	2	1	0.01	4.37	0
10870073	10870072	3.49	3 1-	2 ACSR 6/1	0	0	1271	177	17	2	1	0.02	4.38	0
10860008	10870073	3.58	2 1-	2 ACSR 6/1	0	0	1236	177	8	0	1	0.00	4.38	0
10860009	10860008	3.75	2 1-	2 ACSR 6/1	0	0	1176	175	8	0	1	0.00	4.39	0
10870047	10870046	3.06	0 1-	2 ACSR 6/1	0	0	1465	181	0	0	0	0.00	4.36	0
10870051	10870052	3.39	391 3-	4/0 ACSR 6/1	1855	1706	1365	180	2072	89	26	0.26	3.39	516
10870040	10870051	3.43	390 3-	4/0 ACSR 6/1	1841	1692	1353	180	2050	88	26	0.02	3.42	44
10870042	10870040	3.51	389 3-	4/0 ACSR 6/1	1808	1661	1325	180	2047	88	26	0.05	3.49	100
10870043	10870042	3.60	388 3-	4/0 ACSR 6/1	1776	1630	1298	179	2035	88	26	0.05	3.56	104
10870044	10870043	3.67	1 1-	2 ACSR 6/1	0	0	1273	179	0	0	0	0.00	4.73	0
10870033	10870043	3.70	387 3-	4/0 ACSR 6/1	1743	1598	1270	179	2034	88	26	0.05	3.64	111
10870037	10870033	3.74	1 1-	2 ACSR 6/1	0	0	1257	179	6	0	0	0.00	4.79	0
10870066	10870033	3.96	386 3-	4/0 ACSR 6/1	1659	1519	1201	178	2027	88	26	0.14	3.84	293
10960015	10870066	4.00	1 1-	2 ACSR 6/1	0	0	1188	178	5	0	0	0.00	4.93	0
10960014	10960015	4.18	1 1-	15 KV 2 URD XLP	0	0	1134	403	5	0	0	0.00	4.93	0
10960013	10870066	4.00	384 3-	4/0 ACSR 6/1	1646	1506	1190	178	2013	87	26	0.02	3.88	48
10960011	10960013	4.10	382 3-	4/0 ACSR 6/1	1618	1479	1166	178	2006	87	26	0.05	3.95	108
10960010	10960011	4.16	1 1-	2 ACSR 6/1	0	0	1146	177	6	0	0	0.00	5.00	0
10960009	10960011	4.41	381 3-	4/0 ACSR 6/1	1533	1399	1098	177	1999	87	26	0.16	4.19	341
D10-96-P005	10960009	4.41	6 1-	REC-25-H	0	0	1098	177	24	3	13	0.00	5.16	0
10960018	D10-96-P005	4.50	6 1-	2 ACSR 6/1	0	0	1071	176	24	3	2	0.01	5.17	0
10960019	10960018	4.61	5 1-	2 ACSR 6/1	0	0	1042	175	13	1	1	0.00	5.17	0
10960012	10960019	4.81	4 1-	2 ACSR 6/1	0	0	990	174	11	1	1	0.01	5.18	0
10860010	10960012	4.89	1 1-	2 ACSR 6/1	0	0	971	173	3	0	0	0.00	5.18	0
10860006	10960012	4.90	2 1-	2 ACSR 6/1	0	0	970	173	5	0	0	0.00	5.18	0
10860007	10860006	4.95	1 1-	2 ACSR 6/1	0	0	957	173	3	0	0	0.00	5.18	0
10960016	10960009	4.96	375 3-	4/0 ACSR 6/1	1400	1274	992	175	1972	86	25	0.26	4.61	604
16060009	10960016	5.02	2 1-	2 ACSR 6/1	0	0	977	174	11	1	1	0.00	5.43	0
16060010	16060009	5.06	1 1-	2 ACSR 6/1	0	0	968	174	10	1	1	0.00	5.43	0
16060011	10960016	5.05	369 3-	4/0 ACSR 6/1	1381	1256	977	174	1944	85	25	0.04	4.67	93
D16-06-P008	16060011	5.05	10 1-	REC-35-H	0	0	977	174	50	6	19	0.00	4.71	0
16060006	D16-06-P008	5.11	10 1-	2 ACSR 6/1	0	0	963	174	50	6	4	0.01	4.72	0
16060014	16060006	5.15	6 1-	2 ACSR 6/1	0	0	953	174	32	4	2	0.01	4.73	0
16060020	16060014	5.19	1 1-	2 ACSR 6/1	0	0	944	173	13	1	1	0.00	4.73	0
16060017	16060014	5.24	3 1-	2 ACSR 6/1	0	0	933	173	12	1	1	0.00	4.73	0
16060018	16060017	5.30	2 1-	2 ACSR 6/1	0	0	921	173	9	1	1	0.00	4.73	0
16060019	16060018	5.35	1 1-	2 ACSR 6/1	0	0	912	172	6	0	0	0.00	4.73	0
16060016	16060014	5.17	2 1-	2 ACSR 6/1	0	0	949	174	7	0	0	0.00	4.73	0
16060015	16060006	5.15	2 1-	2 ACSR 6/1	0	0	953	174	12	1	1	0.00	4.72	0
16060021	16060011	5.10	303 3-	4/0 ACSR 6/1	1371	1246	969	174	1607	70	21	0.03	4.70	36
20851322	16060021	5.13	2 1-	2 ACSR 6/1	0	0	961	174	13	1	1	0.00	3.86	0
20851167	16060021	5.15	299 3-	4/0 ACSR 6/1	1361	1236	960	174	1589	69	21	0.03	4.73	35
20851323	20851167	5.19	293 3-	4/0 ACSR 6/1	1352	1228	954	174	1576	69	20	0.03	4.76	29
20850919	20851323	5.28	4 1-	2 ACSR 6/1	0	0	934	173	27	3	2	0.01	5.57	0
20850920	20850919	5.33	1 1-	2 ACSR 6/1	0	0	924	173	5	0	0	0.00	5.57	0
20850918	20851323	5.26	27 2-	4/0 ACSR 6/1	0	1213	943	174	124	8	2	0.01	4.73	0
16160048	20850918	5.30	1 1-	4/0 ACSR 6/1	0	0	936	174	0	0	0	0.00	5.57	0
16160032	20850918	5.30	25 2-	4/0 ACSR 6/1	0	1205	936	174	119	7	2	0.00	4.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16160034	16160032	5.33	3 1-	2 ACSR 6/1	0	0	931	173	18	2	1	0.00	3.91	0
20851168	16160034	5.35	2 1-	2 ACSR 6/1	0	0	927	173	11	1	1	0.00	3.91	0
16160033	16160032	5.34	22 2-	4/0 ACSR 6/1	0	1198	930	173	101	6	2	0.00	4.74	0
20850863	16160033	5.45	5 1-	2 ACSR 6/1	0	0	908	173	17	2	1	0.01	5.58	0
20850921	20850863	5.51	2 1-	2 ACSR 6/1	0	0	896	172	6	0	0	0.00	5.58	0
20850864	20850863	5.50	3 1-	2 ACSR 6/1	0	0	897	172	11	1	1	0.00	5.58	0
20850788	20850864	5.54	2 1-	2 ACSR 6/1	0	0	890	172	8	1	1	0.00	5.58	0
20850789	16160033	5.39	15 2-	4/0 ACSR 6/1	0	1188	922	173	68	4	1	0.00	4.74	0
20850790	20850789	5.53	11 2-	4/0 ACSR 6/1	0	1164	903	173	55	3	1	0.00	4.75	0
16060023	20850790	5.62	5 1-	2 ACSR 6/1	0	0	885	172	22	2	2	0.01	3.93	0
16060024	16060023	5.66	4 1-	2 ACSR 6/1	0	0	877	172	17	2	1	0.00	3.93	0
16060025	16060024	5.72	1 1-	2 ACSR 6/1	0	0	866	171	3	0	0	0.00	3.93	0
16060003	16060025	5.75	1 1-	2 ACSR 6/1	0	0	861	171	3	0	0	0.00	3.93	0
20851406	20850790	5.64	5 2-	4/0 ACSR 6/1	0	1145	887	172	26	1	1	0.00	4.75	0
20851407	20851406	5.68	3 1-	2 ACSR 6/1	0	0	878	172	12	1	1	0.00	5.58	0
D16-16-P071	20851407	5.68	1 1-	FUS	0	0	878	172	4	0	11	0.00	5.58	0
20851387	D16-16-P071	5.74	1 1-	2 ACSR 6/1	0	0	867	172	4	0	0	0.00	5.58	0
16160030	20851323	5.22	259 3-	4/0 ACSR 6/1	1347	1223	950	174	1420	62	18	0.02	4.77	16
16160031	16160030	5.31	258 3-	4/0 ACSR 6/1	1328	1206	935	174	1414	62	18	0.05	4.82	55
D16-16-P016	16160031	5.31	6 1-	FUS	0	0	935	174	35	4	103	0.00	3.92	0
20851388	D16-16-P016	5.37	6 1-	2 ACSR 6/1	0	0	921	173	35	4	3	0.01	3.93	0
20851519	20851388	5.42	4 1-	2 ACSR 6/1	0	0	912	173	12	1	1	0.00	3.93	0
20851518	16160031	5.39	251 3-	4/0 ACSR 6/1	1313	1191	923	173	1378	60	18	0.05	4.87	46
D16-16-P018	20851518	5.39	1 1-	FUS-30	0	0	923	173	5	0	3	0.00	5.68	0
16160035	D16-16-P018	5.43	1 1-	2 ACSR 6/1	0	0	915	173	5	0	0	0.00	5.68	0
16160013	20851518	5.46	250 3-	4/0 ACSR 6/1	1300	1179	913	173	1372	60	18	0.04	4.90	39
20851389	16160013	5.49	3 1-	2 ACSR 6/1	0	0	906	173	15	2	1	0.00	3.95	0
16160014	16160013	5.50	247 3-	4/0 ACSR 6/1	1292	1172	907	173	1357	59	18	0.03	4.93	23
D16-16-P171	16160014	5.50	247 3-	REC-100-6H	1292	1172	907	173	1356	59	60	0.00	4.93	0
16160017	D16-16-P171	5.55	247 3-	4/0 ACSR 6/1	1282	1163	900	173	1356	59	18	0.03	4.95	30
D16-16-P021	16160017	5.55	1 1-	FUS	0	0	900	173	8	0	22	0.00	3.96	0
20851390	D16-16-P021	5.62	1 1-	2 ACSR 6/1	0	0	885	172	8	0	1	0.00	3.96	0
16160015	16160017	5.59	246 3-	4/0 ACSR 6/1	1275	1156	894	173	1349	59	17	0.03	4.97	22
20851393	16160015	5.65	245 3-	4/0 ACSR 6/1	1264	1146	886	172	1342	59	17	0.04	5.01	33
20851395	20851393	5.80	215 3-	4/0 ACSR 6/1	1237	1121	865	172	1225	53	16	0.09	5.08	67
20851172	20851395	5.92	3 1-	2 ACSR 6/1	0	0	843	171	2	0	0	0.00	5.94	0
20851174	20851172	6.06	1 1-	2 ACSR 6/1	0	0	821	170	1	0	0	0.00	5.94	0
20851173	20851172	5.97	1 1-	2 ACSR 6/1	0	0	836	171	0	0	0	0.00	5.94	0
16160016	20851395	5.95	212 3-	4/0 ACSR 6/1	1213	1099	846	171	1222	53	16	0.08	5.15	63
20851398	16160016	5.99	212 3-	4/0 ACSR 6/1	1205	1091	841	171	1222	53	16	0.03	5.17	21
20851405	20851398	6.05	206 3-	4/0 ACSR 6/1	1196	1083	834	171	1210	53	16	0.03	5.20	24
20852241	20851405	6.18	205 3-	4/0 ACSR 6/1	1176	1064	818	171	1205	53	16	0.07	5.26	56
20852242	20852241	6.28	204 3-	4/0 ACSR 6/1	1161	1050	807	170	1203	53	16	0.05	5.31	40
20852246	20852242	6.38	197 3-	4/0 ACSR 6/1	1145	1035	795	170	1165	51	15	0.06	5.36	43
20852248	20852246	6.45	195 3-	4/0 ACSR 6/1	1136	1027	788	170	1154	51	15	0.04	5.39	26
20852249	20852248	6.48	1 1-	2 ACSR 6/1	0	0	783	170	3	0	0	0.00	6.31	0
20852194	20852248	6.51	193 3-	4/0 ACSR 6/1	1126	1018	780	170	1146	50	15	0.04	5.42	27
16260007	20852194	6.57	1 1-	2 ACSR 6/1	0	0	772	169	9	1	1	0.00	6.35	0
16260005	20852194	6.57	189 3-	4/0 ACSR 6/1	1118	1010	774	169	1119	49	15	0.03	5.44	22
16260006	16260005	6.63	189 3-	4/0 ACSR 6/1	1110	1003	768	169	1119	49	15	0.03	5.47	20
20852196	16260006	6.77	189 3-	4/0 ACSR 6/1	1091	985	754	169	1118	49	15	0.08	5.53	53
20852197	20852196	6.91	187 3-	4/0 ACSR 6/1	1072	968	740	168	1106	48	14	0.08	5.59	53

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852062	20852197	6.96	186 3-	4/0 ACSR 6/1	1066	962	735	168	1097	48	14	0.03	5.61	17
20852063	20852062	7.13	185 3-	4/0 ACSR 6/1	1044	942	719	167	1088	48	14	0.09	5.69	62
20852092	20852063	7.24	183 3-	4/0 ACSR 6/1	1031	930	709	167	1083	48	14	0.06	5.73	39
D16-36-P003	20852092	7.24	7 1-	FUS 0	0	0	709	167	29	3	89	0.00	6.75	0
16360069	D16-36-P003	7.33	7 1-	2 ACSR 6/1	0	0	699	167	29	3	2	0.01	6.76	0
D16-36-P002	16360069	7.33	5 1-	FUS 0	0	0	699	167	16	2	47	0.00	6.76	0
16360081	D16-36-P002	7.40	5 1-	2 ACSR 6/1	0	0	690	166	16	2	1	0.00	6.76	0
16360049	16360081	7.52	4 1-	2 ACSR 6/1	0	0	676	165	13	1	1	0.01	6.77	0
16360050	16360049	7.57	3 1-	2 ACSR 6/1	0	0	671	165	10	1	1	0.00	6.77	0
16360051	16360050	7.68	1 1-	2 ACSR 6/1	0	0	659	164	5	0	0	0.00	6.77	0
16360062	16360069	7.37	2 1-	2 ACSR 6/1	0	0	694	166	14	1	1	0.00	6.76	0
16360030	20852092	7.31	175 3-	4/0 ACSR 6/1	1024	923	704	167	1050	46	14	0.03	5.76	21
16360052	16360030	7.33	4 1-	2 ACSR 6/1	0	0	701	167	11	1	1	0.00	6.78	0
16360029	16360030	7.36	171 3-	4/0 ACSR 6/1	1018	917	699	167	1039	46	14	0.02	5.78	18
16360053	16360029	7.42	56 3-	1/0 ACSR 6/1	1009	909	694	166	545	24	11	0.03	5.80	12
16360076	16360053	7.60	55 3-	1/0 ACSR 6/1	982	884	675	166	540	24	11	0.10	5.88	41
16260008	16360076	7.77	55 3-	1/0 ACSR 6/1	959	863	660	165	539	24	11	0.09	5.94	36
20852239	16260008	7.96	55 3-	1/0 ACSR 6/1	935	839	643	164	539	24	11	0.10	6.02	40
20852240	20852239	8.34	54 3-	1/0 ACSR 6/1	887	795	612	162	532	23	10	0.21	6.17	82
16270014	20852240	8.38	52 3-	1/0 ACSR 6/1	883	791	609	162	517	23	10	0.02	6.19	7
16270015	16270014	8.46	1 1-	2 ACSR 6/1	0	0	602	161	4	0	0	0.00	7.36	0
16270017	16270015	8.49	1 1-	2 ACSR 6/1	0	0	599	161	4	0	0	0.00	7.36	0
16270012	16270015	8.50	0 1-	2 ACSR 6/1	0	0	598	161	0	0	0	0.00	7.36	0
16270016	16270014	8.51	49 3-	1/0 ACSR 6/1	868	777	599	161	489	22	10	0.06	6.23	25
16270034	16270016	8.61	45 3-	1/0 ACSR 6/1	858	767	592	161	450	20	9	0.03	6.27	17
16270035	16270034	8.85	44 3-	1/0 ACSR 6/1	832	744	574	160	449	20	9	0.08	6.35	42
16270037	16270035	8.90	42 3-	1/0 ACSR 6/1	827	739	571	159	221	9	4	0.01	6.35	4
16270025	16270037	8.96	39 1-	2 ACSR 6/1	0	0	566	159	205	27	15	0.05	7.26	8
16270033	16270025	8.98	38 1-	2 ACSR 6/1	0	0	564	159	204	27	15	0.02	7.28	3
D16-27-P005	16270033	8.98	30 1-	REC-50-H 0	0	0	564	159	174	23	46	0.00	7.28	0
16270027	D16-27-P005	9.25	30 1-	2 ACSR 6/1	0	0	543	157	174	23	13	0.18	7.46	25
16270028	16270027	9.32	28 1-	2 ACSR 6/1	0	0	538	157	167	22	12	0.04	7.50	6
16270029	16270028	9.35	25 1-	2 ACSR 6/1	0	0	536	157	148	19	11	0.02	7.51	2
16270030	16270029	9.42	23 1-	2 ACSR 6/1	0	0	531	156	130	17	10	0.03	7.54	3
16270031	16270030	9.45	19 1-	2 ACSR 6/1	0	0	529	156	113	15	8	0.01	7.56	1
16270032	16270031	9.50	17 1-	2 ACSR 6/1	0	0	525	156	93	12	7	0.02	7.57	1
16270044	16270032	9.55	15 1-	2 ACSR 6/1	0	0	521	155	73	9	5	0.02	7.59	0
16270045	16270044	9.60	15 1-	2 ACSR 6/1	0	0	518	155	73	9	5	0.01	7.60	0
16270047	16270045	9.63	1 1-	2 ACSR 6/1	0	0	516	155	10	1	1	0.00	7.60	0
16270046	16270045	9.64	14 1-	2 ACSR 6/1	0	0	516	155	63	8	5	0.01	7.61	0
16270022	16270046	9.67	8 1-	2 ACSR 6/1	0	0	513	155	39	5	3	0.01	7.61	0
16270023	16270022	9.75	7 1-	2 ACSR 6/1	0	0	508	154	39	5	3	0.01	7.62	0
16270038	16270023	9.79	6 1-	2 ACSR 6/1	0	0	506	154	34	4	3	0.00	7.63	0
16370011	16270038	9.85	2 1-	2 ACSR 6/1	0	0	502	153	11	1	1	0.00	7.63	0
16370019	16370011	9.90	1 1-	2 ACSR 6/1	0	0	498	153	4	0	0	0.00	7.63	0
16370010	16370019	9.95	1 1-	2 ACSR 6/1	0	0	495	153	4	0	0	0.00	7.63	0
16370012	16270038	9.84	4 1-	2 ACSR 6/1	0	0	502	154	23	3	2	0.00	7.63	0
16370014	16370012	9.91	2 1-	2 ACSR 6/1	0	0	498	153	15	2	1	0.00	7.64	0
16370015	16370014	9.98	1 1-	2 ACSR 6/1	0	0	493	153	11	1	1	0.00	7.64	0
16370013	16370012	9.89	2 1-	2 ACSR 6/1	0	0	499	153	8	1	1	0.00	7.63	0
16270039	16270046	9.81	4 1-	2 ACSR 6/1	0	0	505	154	15	2	1	0.01	7.62	0
16370016	16270039	9.99	3 1-	2 ACSR 6/1	0	0	493	153	11	1	1	0.00	7.62	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16370017	16370016	10.25	1 1-	2 ACSR 6/1	0	0	477	151	0	0	0	0.00	7.62	0
16370018	16370017	10.54	0 1-	2 ACSR 6/1	0	0	460	149	0	0	0	0.00	7.62	0
16-38-P002-A	16370018	10.54	0 1-	Open	0	0	460	149	0	0	0	0.00	7.62	0
16270026	16270033	9.02	8 1-	2 ACSR 6/1	0	0	561	159	30	3	2	0.00	7.28	0
16270024	16270026	9.25	7 1-	2 ACSR 6/1	0	0	543	157	27	3	2	0.02	7.31	0
20851396	16270024	9.30	6 1-	2 ACSR 6/1	0	0	540	157	24	3	2	0.00	7.31	0
20851593	20851396	9.39	4 1-	2 ACSR 6/1	0	0	533	156	9	1	1	0.00	7.31	0
20851594	20851593	9.43	3 1-	2 ACSR 6/1	0	0	530	156	7	0	1	0.00	7.31	0
20851625	20851594	9.48	2 1-	2 ACSR 6/1	0	0	527	156	5	0	0	0.00	7.31	0
20851592	20851396	9.35	1 1-	2 ACSR 6/1	0	0	536	157	7	0	1	0.00	7.31	0
16270036	16270035	8.89	2 3-	1/0 ACSR 6/1	828	739	571	159	228	10	5	0.01	6.36	1
16270230	16270036	8.89	2 3-	Consumer	828	739	571	159	228	10	0	0.00	6.36	0
16270019	16270016	8.57	3 1-	2 ACSR 6/1	0	0	593	161	23	3	2	0.00	7.42	0
16270021	16270019	8.74	1 1-	2 ACSR 6/1	0	0	578	160	9	1	1	0.00	7.42	0
16270020	16270019	8.65	1 1-	2 ACSR 6/1	0	0	587	160	8	1	1	0.00	7.42	0
16270018	16270016	8.59	1 1-	2 ACSR 6/1	0	0	592	161	15	2	1	0.00	7.42	0
16270013	20852240	8.41	2 1-	2 ACSR 6/1	0	0	606	162	15	1	1	0.00	7.34	0
16360028	16360029	7.37	115 3-	1/0 ACSR 6/1	1017	917	699	167	493	21	9	0.00	5.78	0
16-36-P135-B	16360028	7.37	115 3-	Closed	1017	917	699	167	493	21	0	0.00	5.78	0
16-36-P135-A	16-36-P135-B	7.37	115 3-	Closed	1017	917	699	167	493	21	0	0.00	5.78	0
16360026	16-36-P135-A	7.37	115 3-	1/0 ACSR 6/1	1016	916	698	167	493	21	9	0.00	5.79	0
16360054	16360026	7.49	112 3-	4/0 ACSR 6/1	1003	904	688	166	485	21	6	0.01	5.81	8
16360056	16360054	7.56	111 3-	4/0 ACSR 6/1	995	896	682	166	483	21	6	0.01	5.82	5
16360057	16360056	7.65	107 3-	4/0 ACSR 6/1	985	887	675	166	471	20	6	0.01	5.83	6
16360077	16360057	7.68	97 3-	4/0 ACSR 6/1	981	884	672	166	431	18	6	0.00	5.84	2
16360078	16360077	7.72	97 3-	4/0 ACSR 6/1	977	880	670	166	431	18	6	0.00	5.85	2
D16-36-P070	16360078	7.72	96 3-	REC-70-L	977	880	670	166	422	18	26	0.00	5.85	0
16360032	D16-36-P070	7.77	96 3-	4/0 ACSR 6/1	971	875	665	165	422	18	5	0.00	5.85	3
16360033	16360032	7.86	94 3-	4/0 ACSR 6/1	962	866	658	165	418	18	5	0.01	5.87	5
16360075	16360033	7.93	1 1-	2 ACSR 6/1	0	0	651	165	3	0	0	0.00	6.85	0
16360037	16360033	7.95	92 3-	4/0 ACSR 6/1	953	857	651	165	413	18	5	0.01	5.88	5
16360072	16360037	8.04	83 3-	4/0 ACSR 6/1	944	849	645	165	355	15	5	0.01	5.89	3
16360074	16360072	8.12	1 1-	2 ACSR 6/1	0	0	637	164	6	0	0	0.00	4.47	0
16360082	16360074	8.18	0 1-	2 ACSR 6/1	0	0	631	164	0	0	0	0.00	4.47	0
16360073	16360072	8.12	82 3-	4/0 ACSR 6/1	936	842	639	164	349	15	5	0.01	5.90	3
16360034	16360073	8.23	80 3-	4/0 ACSR 6/1	925	832	631	164	346	15	4	0.01	5.92	4
16360036	16360034	8.43	76 3-	4/0 ACSR 6/1	906	815	618	163	335	14	4	0.02	5.94	6
20851600	16360036	8.51	8 1-	2 ACSR 6/1	0	0	610	163	38	5	3	0.01	4.54	0
20851601	20851600	8.58	2 1-	2 ACSR 6/1	0	0	604	162	16	2	1	0.00	4.54	0
20851599	20851600	8.57	3 1-	2 ACSR 6/1	0	0	605	162	6	0	0	0.00	4.54	0
20851598	16360036	8.50	1 1-	2 ACSR 6/1	0	0	611	163	3	0	0	0.00	4.53	0
20851602	16360036	8.56	66 3-	4/0 ACSR 6/1	894	804	609	163	288	12	4	0.02	5.96	3
20851603	20851602	8.61	65 3-	4/0 ACSR 6/1	890	800	606	163	287	12	4	0.01	5.96	1
16460005	20851603	8.71	14 1-	2 ACSR 6/1	0	0	597	162	57	7	4	0.02	4.57	0
D16-46-P016	16460005	8.71	14 1-	REC-35-H	0	0	597	162	57	7	21	0.00	4.57	0
20851559	D16-46-P016	8.75	14 1-	2 ACSR 6/1	0	0	593	162	57	7	4	0.01	4.58	0
20852188	20851559	8.79	13 1-	2 ACSR 6/1	0	0	589	161	54	7	4	0.01	4.59	0
20852311	20852188	8.89	4 1-	2 ACSR 6/1	0	0	581	161	10	1	1	0.00	4.59	0
20852312	20852311	9.01	3 1-	2 ACSR 6/1	0	0	571	160	7	0	1	0.00	4.60	0
20852192	20852312	9.05	3 1-	2 ACSR 6/1	0	0	568	160	7	0	1	0.00	4.60	0
20852193	20852192	9.08	2 1-	2 ACSR 6/1	0	0	566	160	4	0	0	0.00	4.60	0
20852157	20852188	8.86	1 1-	2 ACSR 6/1	0	0	584	161	3	0	0	0.00	4.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852190	20852188	8.87	2 1-	2 ACSR 6/1	0	0	583	161	10	1	1	0.00	4.59	0
20852191	20852190	8.96	1 1-	2 ACSR 6/1	0	0	576	160	7	0	1	0.00	4.59	0
20852189	20852188	8.90	5 1-	2 ACSR 6/1	0	0	581	161	28	3	2	0.01	4.60	0
20852159	20852189	9.12	4 1-	2 ACSR 6/1	0	0	563	159	24	3	2	0.02	4.62	0
20852160	20852159	9.30	3 1-	2 ACSR 6/1	0	0	548	158	20	2	1	0.01	4.62	0
20852158	20852189	8.93	1 1-	2 ACSR 6/1	0	0	578	161	4	0	0	0.00	4.60	0
20851604	20851603	8.69	51 3-	4/0 ACSR 6/1	883	793	600	162	231	10	3	0.02	5.97	2
20851558	20851604	8.90	49 3-	4/0 ACSR 6/1	865	777	587	162	226	10	3	0.05	5.99	4
D16-47-P002	20851558	8.90	4 1-	FUS	0	0	587	162	20	2	59	0.00	7.00	0
16470007	D16-47-P002	9.04	4 1-	2 ACSR 6/1	0	0	576	161	20	2	1	0.01	7.01	0
16470009	16470007	9.13	1 1-	2 ACSR 6/1	0	0	568	160	2	0	0	0.00	7.01	0
16470008	16470007	9.15	2 1-	2 ACSR 6/1	0	0	567	160	13	1	1	0.00	7.01	0
16470010	20851558	9.05	45 3-	4/0 ACSR 6/1	852	766	578	161	207	9	3	0.03	6.00	2
16470011	16470010	9.26	44 3-	4/0 ACSR 6/1	836	751	567	161	199	8	3	0.04	6.01	3
16470012	16470011	9.35	41 3-	4/0 ACSR 6/1	829	744	562	160	186	8	2	0.02	6.02	1
16470014	16470012	9.45	40 3-	4/0 ACSR 6/1	821	737	556	160	177	7	2	0.02	6.02	1
16470015	16470014	9.55	39 3-	4/0 ACSR 6/1	814	730	551	160	175	7	2	0.02	6.03	1
16470004	16470015	9.68	39 3-	4/0 ACSR 6/1	804	721	544	159	175	7	2	0.02	6.04	2
16470006	16470004	9.99	38 3-	4/0 ACSR 6/1	782	702	528	158	171	7	2	0.05	6.06	4
16480013	16470006	10.05	34 3-	4/0 ACSR 6/1	778	698	525	158	151	6	2	0.01	6.06	0
16480015	16480013	10.09	2 1-	2 ACSR 6/1	0	0	522	158	7	0	1	0.00	6.41	0
16480014	16480013	10.14	32 3-	4/0 ACSR 6/1	772	692	521	158	144	6	2	0.02	6.07	1
16480018	16480014	10.23	30 3-	4/0 ACSR 6/1	766	687	517	158	138	6	2	0.01	6.07	0
16480019	16480018	10.31	28 3-	4/0 ACSR 6/1	761	682	513	157	132	5	2	0.02	6.07	0
16480020	16480019	10.37	27 3-	4/0 ACSR 6/1	757	678	510	157	130	5	2	0.01	6.08	0
D16-48-P009	16480020	10.37	5 1-	FUS-30	0	0	510	157	16	2	8	0.00	7.26	0
16480031	D16-48-P009	10.43	5 1-	2 ACSR 6/1	0	0	506	157	16	2	1	0.00	7.26	0
16480022	16480031	10.53	4 1-	2 ACSR 6/1	0	0	500	156	15	1	1	0.01	7.27	0
20852052	16480022	10.56	3 1-	2 ACSR 6/1	0	0	498	156	11	1	1	0.00	7.27	0
16480023	16480022	10.65	0 1-	2 ACSR 6/1	0	0	493	155	0	0	0	0.00	7.27	0
16480024	16480020	10.44	22 3-	4/0 ACSR 6/1	752	674	507	157	115	5	1	0.01	6.08	0
16480030	16480024	10.57	1 1-	2 ACSR 6/1	0	0	499	156	19	2	1	0.00	6.40	0
16480025	16480024	10.51	20 3-	4/0 ACSR 6/1	748	670	504	157	95	4	1	0.01	6.08	0
16480026	16480025	10.58	19 3-	4/0 ACSR 6/1	744	666	501	156	93	4	1	0.01	6.09	0
D16-38-P013	16480026	10.58	15 1-	REC-25-H	0	0	501	156	72	9	38	0.00	7.29	0
16380011	D16-38-P013	10.62	15 1-	2 ACSR 6/1	0	0	498	156	72	9	5	0.01	7.30	0
16480028	16380011	10.66	14 1-	2 ACSR 6/1	0	0	495	156	69	9	5	0.01	7.31	0
16480029	16480028	10.74	11 1-	2 ACSR 6/1	0	0	491	155	54	7	4	0.02	7.33	0
20851560	16480029	10.83	9 1-	2 ACSR 6/1	0	0	486	155	51	6	4	0.02	7.34	0
20851561	20851560	10.89	1 1-	2 ACSR 6/1	0	0	482	154	11	1	1	0.00	7.34	0
20851562	20851560	10.91	8 1-	2 ACSR 6/1	0	0	481	154	40	5	3	0.01	7.35	0
20851657	20851562	10.96	6 1-	2 ACSR 6/1	0	0	478	154	29	3	2	0.00	7.36	0
20852051	20851657	11.04	2 1-	2 ACSR 6/1	0	0	474	154	13	1	1	0.00	7.36	0
16480021	20852051	11.11	1 1-	2 ACSR 6/1	0	0	469	153	5	0	0	0.00	7.36	0
16480027	16380011	10.65	1 1-	2 ACSR 6/1	0	0	496	156	2	0	0	0.00	7.30	0
16380015	16480026	10.64	1 1-	2 ACSR 6/1	0	0	497	156	9	1	1	0.00	7.29	0
16380014	16480026	10.66	3 3-	4/0 ACSR 6/1	739	662	497	156	13	0	0	0.00	6.09	0
D16-38-P015	16380014	10.66	0 1-	FUS	0	0	497	156	0	0	0	0.00	4.58	0
16380010	D16-38-P015	10.72	0 1-	2 ACSR 6/1	0	0	494	156	0	0	0	0.00	4.58	0
16380016	16380014	10.72	3 1-	2 ACSR 6/1	0	0	493	156	13	1	1	0.00	6.39	0
16380013	16380014	10.83	0 3-	4/0 ACSR 6/1	728	652	490	156	0	0	0	0.00	6.09	0
16-38-P042-A	16380013	10.83	0 3-	Open	728	652	490	156	0	0	0	0.00	6.09	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16480017	16480014	10.24	1 1-	2 ACSR 6/1	0	0	514	157	1	0	0	0.00	4.57	0
16480016	16480014	10.18	1 1-	2 ACSR 6/1	0	0	518	158	4	0	0	0.00	6.41	0
16480012	16470006	10.05	2 1-	2 ACSR 6/1	0	0	524	158	14	1	1	0.00	4.57	0
16470005	16470004	9.75	1 1-	2 ACSR 6/1	0	0	539	159	4	0	0	0.00	7.14	0
16470013	16470012	9.40	1 1-	2 ACSR 6/1	0	0	557	160	9	1	1	0.00	4.56	0
16360035	16360034	8.32	0 1-	2 ACSR 6/1	0	0	623	163	0	0	0	0.00	6.37	0
16360038	16360037	8.09	8 1-	2 ACSR 6/1	0	0	638	164	55	7	4	0.03	4.48	1
16360079	16360038	8.14	7 1-	2 ACSR 6/1	0	0	633	164	50	6	4	0.01	4.49	0
16360080	16360079	8.26	7 1-	2 ACSR 6/1	0	0	621	163	50	6	4	0.02	4.51	0
16360040	16360080	8.31	4 1-	2 ACSR 6/1	0	0	616	162	30	3	2	0.01	4.51	0
16360042	16360040	8.36	2 1-	2 ACSR 6/1	0	0	612	162	14	1	1	0.00	4.52	0
16360070	16360042	8.40	1 1-	2 ACSR 6/1	0	0	608	162	6	0	0	0.00	4.52	0
16360071	16360070	8.43	1 1-	15 KV 2 URD XLP	0	0	605	321	6	0	0	0.00	4.52	0
16360041	16360040	8.35	2 1-	2 ACSR 6/1	0	0	613	162	16	2	1	0.00	4.52	0
16360039	16360041	8.42	1 1-	2 ACSR 6/1	0	0	606	162	6	0	0	0.00	4.52	0
16360047	16360078	7.77	1 1-	2 ACSR 6/1	0	0	663	165	10	1	1	0.00	4.40	0
16360058	16360057	7.68	10 1-	2 ACSR 6/1	0	0	672	166	39	5	3	0.00	6.30	0
16360059	16360058	7.75	6 1-	2 ACSR 6/1	0	0	664	165	24	3	2	0.01	6.30	0
16360060	16360059	7.79	4 1-	2 ACSR 6/1	0	0	660	165	14	1	1	0.00	6.30	0
16360061	16360060	7.82	3 1-	2 ACSR 6/1	0	0	657	165	14	1	1	0.00	6.30	0
16360031	16360061	7.87	1 1-	2 ACSR 6/1	0	0	651	164	8	1	1	0.00	6.31	0
16360055	16360056	7.61	3 1-	2 ACSR 6/1	0	0	677	166	3	0	0	0.00	6.82	0
16360027	16360026	7.45	3 3-	1/0 ACSR 6/1	1004	904	690	166	8	0	0	0.00	5.79	0
16360044	16360027	7.51	3 1-	2 ACSR 6/1	0	0	684	166	8	1	1	0.00	4.32	0
16260001	20852197	7.00	1 1-	2 ACSR 6/1	0	0	728	168	8	1	1	0.00	4.24	0
20852195	20852194	6.60	1 1-	2 ACSR 6/1	0	0	768	169	4	0	0	0.00	4.17	0
20852247	20852246	6.43	2 1-	2 ACSR 6/1	0	0	788	170	11	1	1	0.00	6.28	0
20852243	20852242	6.32	6 1-	2 ACSR 6/1	0	0	800	170	33	4	2	0.00	4.13	0
20852245	20852243	6.37	3 1-	2 ACSR 6/1	0	0	793	170	15	1	1	0.00	4.13	0
20852244	20852243	6.35	2 1-	2 ACSR 6/1	0	0	795	170	6	0	0	0.00	4.13	0
20851178	20851398	6.03	5 1-	2 ACSR 6/1	0	0	834	171	11	1	1	0.00	6.05	0
20851175	20851178	6.35	4 1-	2 ACSR 6/1	0	0	783	169	10	1	1	0.01	6.06	0
D16-16-P039	20851175	6.35	4 1-	FUS-50	0	0	783	169	10	1	3	0.00	6.06	0
20850659	D16-16-P039	6.63	4 1-	2 ACSR 6/1	0	0	742	167	10	1	1	0.01	6.07	0
20850660	20850659	6.67	3 1-	2 ACSR 6/1	0	0	737	166	8	1	1	0.00	6.07	0
20850862	20850660	6.78	1 1-	2 ACSR 6/1	0	0	722	166	4	0	0	0.00	6.08	0
20851394	20851393	5.77	2 1-	2 ACSR 6/1	0	0	864	172	6	0	0	0.00	5.20	0
20851171	20851394	5.83	1 1-	2 ACSR 6/1	0	0	853	171	4	0	0	0.00	5.20	0
20851170	20851394	5.82	1 1-	2 ACSR 6/1	0	0	854	171	2	0	0	0.00	5.20	0
20851392	20851393	5.74	27 1-	2 ACSR 6/1	0	0	868	172	110	14	8	0.04	5.23	3
D16-16-P046	20851392	5.74	24 1-	REC-50-H	0	0	868	172	102	13	27	0.00	5.23	0
20851176	D16-16-P046	5.80	24 1-	2 ACSR 6/1	0	0	858	171	102	13	7	0.02	5.25	2
20851177	20851176	5.85	23 1-	2 ACSR 6/1	0	0	848	171	100	13	7	0.02	5.27	2
16160036	20851177	5.93	22 1-	2 ACSR 6/1	0	0	834	170	97	12	7	0.03	5.30	2
16160037	16160036	6.17	22 1-	2 ACSR 6/1	0	0	795	169	97	12	7	0.09	5.39	7
16160027	16160037	6.19	8 1-	2 ACSR 6/1	0	0	792	169	24	3	2	0.00	5.39	0
16160028	16160027	6.21	6 1-	2 ACSR 6/1	0	0	789	168	16	2	1	0.00	5.39	0
16160029	16160028	6.22	4 1-	2 ACSR 6/1	0	0	787	168	9	1	1	0.00	5.39	0
16160024	16160037	6.19	14 1-	2 ACSR 6/1	0	0	792	169	72	9	5	0.00	5.39	0
16160044	16160024	6.20	6 1-	15 KV 2 URD XLP	0	0	791	358	35	4	3	0.00	5.39	0
16160045	16160044	6.21	5 1-	15 KV 2 URD XLP	0	0	790	357	28	3	2	0.00	5.40	0
16160046	16160045	6.22	3 1-	15 KV 2 URD XLP	0	0	787	357	13	1	1	0.00	5.40	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16160047	16160046	6.24	0 1-	15 KV 2 URD XLP	0	0	785	356	0	0	0	0.00	5.40	0
16160025	16160024	6.21	8 1-	15 KV 2 URD XLP	0	0	789	357	37	4	3	0.00	5.40	0
16160026	16160025	6.24	5 1-	15 KV 2 URD XLP	0	0	785	356	29	3	2	0.00	5.40	0
16160038	16160026	6.28	1 1-	15 KV 2 URD XLP	0	0	779	354	5	0	0	0.00	5.40	0
20851135	20851392	5.88	1 1-	2 ACSR 6/1	0	0	843	171	6	0	0	0.00	5.23	0
20851134	20851392	5.77	0 1-	2 ACSR 6/1	0	0	863	172	0	0	0	0.00	5.23	0
20851391	16160015	5.66	1 1-	2 ACSR 6/1	0	0	880	172	7	0	0	0.00	3.97	0
16060012	16060011	5.07	54 1-	2 ACSR 6/1	0	0	973	174	271	35	20	0.02	3.86	4
D16-06-P039	16060012	5.07	54 1-	REC-50-4H	0	0	973	174	271	35	71	0.00	3.86	0
16060013	D16-06-P039	5.10	54 1-	2 ACSR 6/1	0	0	965	174	271	35	20	0.03	3.89	7
20850795	16060013	5.22	1 1-	2 ACSR 6/1	0	0	939	173	4	0	0	0.00	3.89	0
16060005	16060013	5.28	52 1-	2 ACSR 6/1	0	0	926	173	268	34	19	0.18	4.07	38
20850791	16060005	5.36	5 1-	2 ACSR 6/1	0	0	909	172	26	3	2	0.01	4.08	0
20850871	20850791	5.42	3 1-	2 ACSR 6/1	0	0	898	172	17	2	1	0.00	4.08	0
20851169	20850871	5.45	2 1-	2 ACSR 6/1	0	0	890	171	16	2	1	0.00	4.08	0
16060004	16060005	5.34	45 1-	2 ACSR 6/1	0	0	914	172	238	30	17	0.05	4.12	10
16060007	16060004	5.36	44 1-	2 ACSR 6/1	0	0	909	172	235	30	17	0.02	4.14	4
16060008	16060007	5.39	42 1-	2 ACSR 6/1	0	0	904	172	222	28	16	0.02	4.16	4
16060022	16060008	5.46	0 1-	2 ACSR 6/1	0	0	889	171	0	0	0	0.00	4.16	0
20850792	16060008	5.44	42 1-	2 ACSR 6/1	0	0	893	172	222	28	16	0.04	4.20	8
20850793	20850792	5.50	38 1-	2 ACSR 6/1	0	0	882	171	210	27	15	0.05	4.25	8
20850794	20850793	5.53	36 1-	2 ACSR 6/1	0	0	875	171	205	26	15	0.03	4.27	4
20850208	20850794	5.59	32 1-	2 ACSR 6/1	0	0	864	170	199	25	14	0.04	4.32	7
20850210	20850208	5.68	32 1-	2 ACSR 6/1	0	0	848	170	199	25	14	0.06	4.38	10
20850211	20850210	5.78	25 1-	2 ACSR 6/1	0	0	830	169	159	20	12	0.06	4.44	8
20850522	20850211	5.83	24 1-	2 ACSR 6/1	0	0	822	169	157	20	11	0.03	4.47	3
20850523	20850522	5.93	23 1-	2 ACSR 6/1	0	0	806	168	153	19	11	0.05	4.52	7
20850347	20850523	5.98	20 1-	2 ACSR 6/1	0	0	797	168	148	19	11	0.03	4.55	4
20850509	20850347	6.04	2 1-	2 ACSR 6/1	0	0	787	167	19	2	1	0.00	4.55	0
20850510	20850509	6.13	1 1-	2 ACSR 6/1	0	0	773	167	12	1	1	0.00	4.56	0
20850535	20850347	6.02	18 1-	2 ACSR 6/1	0	0	790	167	129	16	9	0.02	4.57	2
20850653	20850535	6.08	17 1-	2 ACSR 6/1	0	0	782	167	126	16	9	0.02	4.59	3
20850654	20850653	6.15	16 1-	2 ACSR 6/1	0	0	770	167	122	15	9	0.03	4.63	3
20850713	20850654	6.21	15 1-	2 ACSR 6/1	0	0	762	166	118	15	9	0.02	4.65	2
20850716	20850713	6.27	1 1-	2 ACSR 6/1	0	0	754	166	12	1	1	0.00	4.65	0
20850658	20850716	6.50	0 1-	2 ACSR 6/1	0	0	721	164	0	0	0	0.00	4.65	0
20850715	20850713	6.25	10 1-	2 ACSR 6/1	0	0	756	166	76	9	6	0.01	4.66	0
20850656	20850715	6.36	8 1-	2 ACSR 6/1	0	0	741	165	66	8	5	0.03	4.69	1
D16-15-P042	20850656	6.36	6 1-	FUS	0	0	741	165	51	6	151	0.00	4.69	0
20850710	D16-15-P042	6.39	6 1-	2 ACSR 6/1	0	0	736	165	51	6	4	0.01	4.69	0
20850712	20850710	6.43	3 1-	2 ACSR 6/1	0	0	731	165	33	4	2	0.00	4.70	0
16150012	20850712	6.47	1 1-	2 ACSR 6/1	0	0	725	164	23	2	2	0.00	4.70	0
20850711	20850710	6.44	2 1-	2 ACSR 6/1	0	0	729	165	10	1	1	0.00	4.69	0
20850657	20850656	6.39	1 1-	2 ACSR 6/1	0	0	736	165	14	1	1	0.00	4.69	0
20850714	20850713	6.27	2 1-	2 ACSR 6/1	0	0	753	166	17	2	1	0.00	4.65	0
20850655	20850714	6.31	1 1-	2 ACSR 6/1	0	0	748	166	12	1	1	0.00	4.65	0
20850209	20850210	5.73	5 1-	2 ACSR 6/1	0	0	840	170	32	4	2	0.01	4.38	0
16050007	20850209	5.81	4 1-	2 ACSR 6/1	0	0	825	169	30	3	2	0.01	4.39	0
16050008	16050007	5.87	3 1-	2 ACSR 6/1	0	0	815	169	30	3	2	0.01	4.40	0
16050010	16050008	5.98	1 1-	2 ACSR 6/1	0	0	797	168	8	1	1	0.00	4.40	0
16050009	16050008	5.89	1 1-	2 ACSR 6/1	0	0	812	168	12	1	1	0.00	4.40	0
16050006	20850209	5.76	0 1-	2 ACSR 6/1	0	0	834	169	0	0	0	0.00	4.38	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10870050	10770128	2.68	4 1-	2 ACSR 6/1	0	0	1631	182	28	3	2	0.01	4.15	0
10870055	10870050	2.70	3 1-	2 ACSR 6/1	0	0	1615	182	20	2	1	0.00	4.15	0
10870054	10870055	2.76	1 1-	2 ACSR 6/1	0	0	1579	181	8	1	1	0.00	4.15	0
10770132	10770081	2.21	1 1-	2 ACSR 6/1	0	0	1882	184	7	0	1	0.00	3.84	0
10770135	10770125	2.10	139 3-	1/0 ACSR 6/1	2516	2353	1968	184	1020	43	19	0.03	2.37	14
10770136	10770135	2.36	138 3-	1/0 ACSR 6/1	2306	2141	1781	183	1013	43	19	0.41	2.55	221
D10-77-P208	10770136	2.36	83 3-	REC-70-L	2306	2141	1781	183	565	24	35	0.00	2.55	0
10770091	D10-77-P208	2.40	83 3-	1/0 ACSR 6/1	2278	2113	1757	183	565	24	11	0.03	2.56	10
10770092	10770091	2.46	82 3-	1/0 ACSR 6/1	2238	2073	1722	182	560	24	10	0.04	2.58	14
10770167	10770092	2.48	1 1-	2 ACSR 6/1	0	0	1705	182	8	1	1	0.00	4.31	0
10770137	10770092	2.55	79 3-	1/0 ACSR 6/1	2175	2010	1668	182	543	23	10	0.06	2.62	22
10770138	10770137	2.80	78 3-	1/0 ACSR 6/1	2019	1856	1536	181	533	22	10	0.17	2.71	56
10770107	10770138	3.12	19 1-	2 ACSR 6/1	0	0	1371	178	126	16	9	0.14	1.98	15
10870048	10770107	3.24	12 1-	2 ACSR 6/1	0	0	1316	177	88	11	6	0.04	2.02	2
10870049	10870048	3.31	4 1- 15 KV 2 URD XLP		0	0	1288	409	37	4	3	0.01	2.03	0
10870039	10870049	3.40	4 1-	2 ACSR 6/1	0	0	1251	176	37	4	3	0.01	2.04	0
10870071	10870039	3.51	1 1-	2 ACSR 6/1	0	0	1209	175	22	2	2	0.00	2.05	0
10870061	10870048	3.27	5 1- 15 KV 2 URD XLP		0	0	1303	411	37	4	3	0.00	2.03	0
10870062	10870061	3.32	4 1- 15 KV 2 URD XLP		0	0	1287	409	28	3	2	0.00	2.03	0
10870060	10870062	3.34	1 1- 15 KV 2 URD XLP		0	0	1276	408	5	0	0	0.00	2.03	0
10870065	10870062	3.37	2 1- 15 KV 2 URD XLP		0	0	1264	406	15	1	1	0.00	2.03	0
10870058	10870065	3.43	1 1- 15 KV 2 URD XLP		0	0	1244	403	6	0	0	0.00	2.04	0
10870057	10870065	3.44	1 1- 15 KV 2 URD XLP		0	0	1237	402	10	1	1	0.00	2.04	0
10870059	10870065	3.40	0 1- 15 KV 2 URD XLP		0	0	1253	405	0	0	0	0.00	2.03	0
10870041	10870048	3.27	2 1-	2 ACSR 6/1	0	0	1306	177	5	0	0	0.00	2.02	0
10870074	10870041	3.34	1 1- 15 KV 2 URD XLP		0	0	1276	408	2	0	0	0.00	2.02	0
10870034	10770107	3.16	7 1-	2 ACSR 6/1	0	0	1354	178	38	4	3	0.00	1.99	0
10870056	10870034	3.20	3 1- 15 KV 2 URD XLP		0	0	1335	414	12	1	1	0.00	1.99	0
10870038	10870034	3.18	2 1-	2 ACSR 6/1	0	0	1343	178	11	1	1	0.00	1.99	0
10870035	10870034	3.20	2 1-	2 ACSR 6/1	0	0	1336	178	15	1	1	0.00	1.99	0
10870036	10870035	3.24	1 1-	2 ACSR 6/1	0	0	1317	177	9	1	1	0.00	1.99	0
10770139	10770138	3.03	58 3-	1/0 ACSR 6/1	1895	1734	1433	179	405	17	8	0.18	2.77	44
10770144	10770139	3.08	52 3-	1/0 ACSR 6/1	1866	1706	1410	179	354	15	7	0.04	2.78	11
10770145	10770144	3.14	51 3-	1/0 ACSR 6/1	1836	1677	1385	179	347	15	7	0.05	2.79	12
10770146	10770145	3.18	4 1-	2 ACSR 6/1	0	0	1366	179	25	3	2	0.00	4.82	0
10770147	10770146	3.23	2 1-	2 ACSR 6/1	0	0	1346	178	14	1	1	0.00	4.82	0
10770148	10770147	3.26	2 1-	2 ACSR 6/1	0	0	1333	178	14	1	1	0.00	4.82	0
10770149	10770148	3.30	1 1-	2 ACSR 6/1	0	0	1315	178	10	1	1	0.00	4.82	0
10770084	10770145	3.20	47 3-	1/0 ACSR 6/1	1811	1652	1365	179	321	13	6	0.04	2.81	9
10770083	10770084	3.29	5 3-	1/0 ACSR 6/1	1765	1608	1328	178	31	1	1	0.00	2.81	0
10870070	10770083	3.36	0 3-	1/0 ACSR 6/1	1737	1581	1305	178	0	0	0	0.00	2.81	0
10-77-P209-A	10870070	3.36	0 3-	Open	1737	1581	1305	178	0	0	0	0.00	2.81	0
10870063	10770083	3.37	5 1-	2 ACSR 6/1	0	0	1298	178	31	4	2	0.01	1.93	0
10880086	10870063	3.42	4 1-	2 ACSR 6/1	0	0	1276	177	19	2	1	0.00	1.94	0
10870069	10880086	3.57	3 1-	2 ACSR 6/1	0	0	1217	176	15	1	1	0.01	1.94	0
D10-87-P017	10870069	3.57	1 1-	FUS	0	0	1217	176	4	0	12	0.00	1.94	0
D10-87-P017-A	D10-87-P017	3.64	1 1-	2 ACSR 6/1	0	0	1192	176	4	0	0	0.00	1.94	0
D10-87-P017-A	10870069	3.57	2 1-	FUS	0	0	1217	176	11	1	33	0.00	1.94	0
10870045	D10-87-P017-A	3.69	2 1-	2 ACSR 6/1	0	0	1175	175	11	1	1	0.00	1.95	0
10880037	10870063	3.43	1 1-	2 ACSR 6/1	0	0	1271	177	12	1	1	0.00	1.93	0
10770085	10770084	3.26	42 1-	2 ACSR 6/1	0	0	1337	178	290	37	21	0.07	4.92	16
D10-77-P045	10770085	3.26	42 1-	REC-50-H	0	0	1337	178	290	37	76	0.00	4.92	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10770088	D10-77-P045	3.39	42 1-	2 ACSR 6/1	0	0	1282	177	290	37	21	0.14	5.06	33
10780107	10770088	3.48	5 1-	2 ACSR 6/1	0	0	1245	176	43	5	3	0.01	5.07	0
10770123	10780107	3.55	3 1-	2 ACSR 6/1	0	0	1220	176	25	3	2	0.00	5.07	0
10770124	10770123	3.60	2 1-	2 ACSR 6/1	0	0	1200	176	15	1	1	0.00	5.08	0
10780106	10770088	3.55	0 1-	2 ACSR 6/1	0	0	1218	176	0	0	0	0.00	5.06	0
10780045	10770088	3.61	37 1-	2 ACSR 6/1	0	0	1197	175	246	32	18	0.20	5.26	41
10780070	10780045	3.70	37 1-	2 ACSR 6/1	0	0	1164	175	246	32	18	0.09	5.35	17
10780072	10780070	3.76	9 1-	2 ACSR 6/1	0	0	1145	174	72	9	5	0.01	5.36	0
10780084	10780072	3.82	7 1-	2 ACSR 6/1	0	0	1124	174	58	7	4	0.01	5.37	0
10780080	10780084	3.89	3 1-	2 ACSR 6/1	0	0	1103	173	30	3	2	0.01	5.38	0
10780079	10780080	3.94	1 1-	2 ACSR 6/1	0	0	1086	173	12	1	1	0.00	5.38	0
10780083	10780084	3.87	2 1-	2 ACSR 6/1	0	0	1109	174	21	2	2	0.00	5.38	0
10780087	10780083	3.91	2 1-	2 ACSR 6/1	0	0	1095	173	21	2	2	0.00	5.38	0
10780088	10780087	3.95	1 1-	2 ACSR 6/1	0	0	1084	173	12	1	1	0.00	5.38	0
10780086	10780088	4.01	1 1-	2 ACSR 6/1	0	0	1066	173	12	1	1	0.00	5.38	0
10780069	10780070	3.77	28 1-	2 ACSR 6/1	0	0	1142	174	173	22	13	0.04	5.39	6
10780089	10780069	3.93	26 1-	2 ACSR 6/1	0	0	1092	173	157	20	11	0.09	5.48	12
10780090	10780089	4.07	25 1-	2 ACSR 6/1	0	0	1050	172	152	19	11	0.08	5.56	10
10780054	10780090	4.15	2 1-	2 ACSR 6/1	0	0	1026	172	8	1	1	0.00	5.56	0
10780055	10780054	4.22	1 1-	2 ACSR 6/1	0	0	1007	171	5	0	0	0.00	5.56	0
10780052	10780090	4.10	22 1-	2 ACSR 6/1	0	0	1040	172	142	18	10	0.02	5.58	2
10780059	10780052	4.16	5 1-	2 ACSR 6/1	0	0	1023	172	32	4	2	0.01	5.58	0
10780060	10780059	4.21	3 1-	2 ACSR 6/1	0	0	1011	171	23	3	2	0.00	5.59	0
10780058	10780060	4.26	2 1-	2 ACSR 6/1	0	0	998	171	15	2	1	0.00	5.59	0
10780063	10780058	4.32	1 1-	2 ACSR 6/1	0	0	982	170	9	1	1	0.00	5.59	0
10780061	10780058	4.31	1 1-	2 ACSR 6/1	0	0	985	170	6	0	0	0.00	5.59	0
10780056	10780052	4.17	11 1-	2 ACSR 6/1	0	0	1022	171	75	9	6	0.02	5.59	0
10780062	10780056	4.20	2 1-	2 ACSR 6/1	0	0	1014	171	18	2	1	0.00	5.59	0
10780050	10780056	4.23	7 1-	2 ACSR 6/1	0	0	1006	171	49	6	4	0.01	5.60	0
10780051	10780050	4.27	6 1-	2 ACSR 6/1	0	0	996	171	46	6	3	0.01	5.61	0
10780066	10780051	4.33	4 1-	2 ACSR 6/1	0	0	981	170	24	3	2	0.00	5.62	0
10780067	10780066	4.35	3 1-	2 ACSR 6/1	0	0	976	170	14	1	1	0.00	5.62	0
10780074	10780067	4.41	1 1-	2 ACSR 6/1	0	0	962	170	1	0	0	0.00	5.62	0
10780073	10780067	4.44	1 1-	2 ACSR 6/1	0	0	952	170	11	1	1	0.00	5.62	0
10780065	10780051	4.28	2 1-	2 ACSR 6/1	0	0	993	171	22	2	2	0.00	5.61	0
10780053	10780052	4.13	5 1-	2 ACSR 6/1	0	0	1033	172	31	4	2	0.00	5.58	0
10780057	10780053	4.17	5 1-	2 ACSR 6/1	0	0	1020	171	31	4	2	0.00	5.58	0
10780085	10780069	3.89	1 1-	2 ACSR 6/1	0	0	1103	173	13	1	1	0.00	5.39	0
10780076	10780069	3.81	1 1-	2 ACSR 6/1	0	0	1128	174	4	0	0	0.00	5.39	0
10780068	10780045	3.66	0 1-	2 ACSR 6/1	0	0	1177	175	0	0	0	0.00	5.26	0
10770140	10770139	3.10	6 1-	2 ACSR 6/1	0	0	1397	179	51	6	4	0.01	1.71	0
10770141	10770140	3.20	5 1-	2 ACSR 6/1	0	0	1349	178	41	5	3	0.02	1.72	0
10770169	10770141	3.28	1 1-	2 ACSR 6/1	0	0	1317	178	10	1	1	0.00	1.72	0
10770142	10770141	3.27	4 1-	2 ACSR 6/1	0	0	1318	178	31	3	2	0.01	1.73	0
10770150	10770142	3.33	2 1-	2 ACSR 6/1	0	0	1294	177	16	1	1	0.00	1.73	0
10770143	10770142	3.32	2 1-	2 ACSR 6/1	0	0	1299	177	16	2	1	0.00	1.73	0
10770082	10770141	3.30	0 1-	2 ACSR 6/1	0	0	1308	177	0	0	0	0.00	1.72	0
10770098	10770136	2.39	29 1-	2 ACSR 6/1	0	0	1758	183	239	31	17	0.03	4.27	5
D10-77-P082	10770098	2.39	28 1-	REC-70-L	0	0	1758	183	228	29	42	0.00	4.27	0
10770114	D10-77-P082	2.43	28 1-	2 ACSR 6/1	0	0	1733	182	228	29	16	0.03	4.30	5
10770108	10770114	2.50	26 1-	2 ACSR 6/1	0	0	1683	182	222	28	16	0.06	4.36	11
10770109	10770108	2.53	26 1-	2 ACSR 6/1	0	0	1664	182	222	28	16	0.02	4.38	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10770110	10770109	2.58	25 1-	2 ACSR 6/1	0	0	1633	181	218	28	16	0.04	4.42	6
10770111	10770110	2.72	22 1-	2 ACSR 6/1	0	0	1547	180	208	27	15	0.11	4.52	18
10770115	10770111	2.80	5 1-	2 ACSR 6/1	0	0	1500	180	75	9	5	0.02	4.54	1
10770116	10770115	2.85	4 1-	2 ACSR 6/1	0	0	1473	179	61	7	4	0.01	4.56	0
10770094	10770116	2.88	3 1-	15 KV 2 URD XLP	0	0	1457	424	41	5	3	0.01	4.56	0
10770095	10770094	2.94	2 1-	15 KV 2 URD XLP	0	0	1428	420	31	4	2	0.01	4.57	0
10770093	10770095	2.97	1 1-	15 KV 2 URD XLP	0	0	1416	419	18	2	1	0.00	4.57	0
10770097	10770116	2.88	1 1-	2 ACSR 6/1	0	0	1457	179	20	2	1	0.00	4.56	0
10770104	10770097	2.94	1 1-	15 KV 2 URD XLP	0	0	1427	420	20	2	2	0.00	4.56	0
10770117	10770111	2.75	17 1-	2 ACSR 6/1	0	0	1526	180	132	17	10	0.02	4.54	2
10770118	10770117	2.79	16 1-	2 ACSR 6/1	0	0	1503	180	117	15	8	0.02	4.56	2
10770120	10770118	2.88	15 1-	2 ACSR 6/1	0	0	1457	179	109	14	8	0.03	4.59	3
10770121	10770120	2.94	2 1-	2 ACSR 6/1	0	0	1425	179	16	2	1	0.00	4.59	0
10770122	10770121	2.98	1 1-	2 ACSR 6/1	0	0	1405	178	9	1	1	0.00	4.59	0
10770119	10770120	2.93	11 1-	2 ACSR 6/1	0	0	1429	179	74	9	5	0.01	4.60	0
10670120	10770119	2.97	9 1-	2 ACSR 6/1	0	0	1412	178	61	7	4	0.01	4.61	0
10670135	10670120	3.01	2 1-	15 KV 2 URD XLP	0	0	1391	417	24	3	2	0.01	4.61	0
10670134	10670135	3.04	1 1-	15 KV 2 URD XLP	0	0	1378	416	13	1	1	0.00	4.62	0
10670133	10670135	3.11	1 1-	15 KV 2 URD XLP	0	0	1349	412	11	1	1	0.00	4.62	0
10670105	10670120	3.02	7 1-	2 ACSR 6/1	0	0	1387	178	38	4	3	0.01	4.62	0
10670106	10670105	3.10	5 1-	2 ACSR 6/1	0	0	1350	177	28	3	2	0.01	4.62	0
10670107	10670106	3.19	4 1-	2 ACSR 6/1	0	0	1309	177	16	2	1	0.00	4.63	0
10670119	10670107	3.30	0 1-	2 ACSR 6/1	0	0	1263	176	0	0	0	0.00	4.63	0
10670108	10670107	3.23	2 1-	2 ACSR 6/1	0	0	1291	176	11	1	1	0.00	4.63	0
10770161	10770136	2.40	9 1-	2 ACSR 6/1	0	0	1753	183	45	5	3	0.01	4.25	0
10770112	10770161	2.43	8 1-	2 ACSR 6/1	0	0	1729	182	40	5	3	0.00	4.25	0
10770113	10770112	2.46	7 1-	2 ACSR 6/1	0	0	1708	182	31	3	2	0.00	4.25	0
10770096	10770136	2.44	16 3-	1/0 ACSR 6/1	2247	2082	1730	182	160	6	3	0.01	2.56	2
10770158	10770096	2.49	5 3-	1/0 ACSR 6/1	2216	2051	1703	182	75	3	1	0.00	2.56	0
D10-77-P015	10770158	2.49	3 1-	FUS	0	0	1703	182	24	3	71	0.00	1.81	0
10770168	D10-77-P015	2.61	3 1-	2 ACSR 6/1	0	0	1624	181	24	3	2	0.01	1.81	0
10770166	10770168	2.65	2 1-	2 ACSR 6/1	0	0	1596	181	17	2	1	0.00	1.82	0
10770160	10770096	2.47	11 1-	2 ACSR 6/1	0	0	1711	182	85	10	6	0.01	1.81	0
10770155	10770160	2.53	10 1-	2 ACSR 6/1	0	0	1674	182	84	10	6	0.02	1.83	1
D10-77-P059	10770155	2.53	10 1-	FUS	0	0	1674	182	84	10	245	0.00	1.83	0
10770156	D10-77-P059	2.57	10 1-	2 ACSR 6/1	0	0	1647	182	84	10	6	0.01	1.84	0
10770157	10770156	2.64	9 1-	2 ACSR 6/1	0	0	1603	181	79	10	6	0.02	1.86	0
10770162	10770157	2.69	1 1-	2 ACSR 6/1	0	0	1567	181	11	1	1	0.00	1.86	0
10770151	10770157	2.68	7 1-	2 ACSR 6/1	0	0	1574	181	55	7	4	0.01	1.87	0
10770152	10770151	2.74	6 1-	2 ACSR 6/1	0	0	1541	180	53	6	4	0.01	1.88	0
10770153	10770152	2.83	5 1-	2 ACSR 6/1	0	0	1491	180	35	4	2	0.01	1.88	0
10770154	10770153	2.87	2 1-	2 ACSR 6/1	0	0	1467	179	10	1	1	0.00	1.88	0
10660083	10660157	1.47	77 3-	2 ACSR 6/1	3026	2868	2492	186	643	27	15	0.05	1.67	18
10660159	10660083	1.54	77 3-	2 ACSR 6/1	2934	2769	2399	186	643	27	15	0.09	1.71	30
10660112	10660159	1.58	76 3-	2 ACSR 6/1	2877	2708	2342	185	637	27	15	0.05	1.74	18
D10-66-P189	10660112	1.58	76 3-	REC-70-L	2877	2708	2342	185	637	27	39	0.00	1.74	0
10660199	D10-66-P189	1.64	76 3-	2 ACSR 6/1	2802	2628	2269	185	637	27	15	0.07	1.78	25
10670109	10660199	1.68	73 3-	2 ACSR 6/1	2750	2574	2219	185	620	26	15	0.05	1.81	17
10670121	10670109	1.75	72 3-	2 ACSR 6/1	2676	2496	2149	184	614	26	15	0.07	1.85	25
10670128	10670121	1.78	71 3-	2 ACSR 6/1	2637	2456	2113	184	609	26	15	0.04	1.87	13
10670129	10670128	1.84	70 3-	2 ACSR 6/1	2567	2384	2049	183	609	26	15	0.07	1.91	25
10670140	10670129	1.91	9 1-	2 ACSR 6/1	0	0	1977	183	50	6	4	0.01	1.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10770105	10670140	1.94	6 1-	2 ACSR 6/1	0	0	1955	183	32	4	2	0.00	1.49	0
10670127	10770105	1.96	3 1-	2 ACSR 6/1	0	0	1932	182	9	1	1	0.00	1.49	0
10670122	10670127	2.02	2 1-	2 ACSR 6/1	0	0	1880	182	4	0	0	0.00	1.49	0
10670123	10670129	1.92	60 3-	2 ACSR 6/1	2483	2297	1972	183	556	23	13	0.09	1.95	29
10670130	10670123	1.95	8 1-	2 ACSR 6/1	0	0	1941	182	82	10	6	0.01	1.49	0
10670131	10670130	1.98	7 1-	2 ACSR 6/1	0	0	1915	182	74	9	5	0.01	1.50	0
10670132	10670131	2.01	6 1-	2 ACSR 6/1	0	0	1893	182	69	8	5	0.00	1.50	0
10670118	10670132	2.06	3 1-	2 ACSR 6/1	0	0	1848	182	45	5	3	0.00	1.51	0
10670124	10670123	1.97	51 3-	2 ACSR 6/1	2429	2242	1924	182	455	19	11	0.06	1.97	18
10670046	10670124	1.99	8 1-	2 ACSR 6/1	0	0	1909	182	76	9	5	0.00	1.06	0
10670115	10670046	2.09	5 1-	2 ACSR 6/1	0	0	1820	181	43	5	3	0.01	1.07	0
10670111	10670115	2.17	3 1-	2 ACSR 6/1	0	0	1759	181	30	3	2	0.01	1.08	0
10670113	10670111	2.22	2 1-	2 ACSR 6/1	0	0	1724	180	27	3	2	0.00	1.09	0
10670153	10670113	2.26	1 1-	2 ACSR 6/1	0	0	1692	180	23	2	2	0.00	1.09	0
10670112	10670111	2.22	1 1-	2 ACSR 6/1	0	0	1720	180	3	0	0	0.00	1.08	0
10670148	10670046	2.00	3 1-	2 ACSR 6/1	0	0	1897	182	33	4	2	0.00	1.06	0
10670151	10670148	2.03	2 1-	2 ACSR 6/1	0	0	1873	182	18	2	1	0.00	1.06	0
10670149	10670151	2.09	1 1-	2 ACSR 6/1	0	0	1824	181	10	1	1	0.00	1.06	0
10670110	10670124	2.13	1 3-	2 ACSR 6/1	2280	2092	1793	181	61	2	2	0.01	1.98	0
10670044	10670124	2.00	42 1-	2 ACSR 6/1	0	0	1898	182	317	41	23	0.03	3.43	9
D10-67-P014	10670044	2.00	42 1-	REC-70-L	0	0	1898	182	317	41	59	0.00	3.43	0
10670047	D10-67-P014	2.12	42 1-	2 ACSR 6/1	0	0	1800	181	317	41	23	0.13	3.56	35
10670143	10670047	2.17	35 1-	2 ACSR 6/1	0	0	1756	181	244	31	18	0.05	3.61	9
10670144	10670143	2.28	34 1-	2 ACSR 6/1	0	0	1677	180	228	29	16	0.09	3.70	16
10670116	10670144	2.35	4 1-	2 ACSR 6/1	0	0	1627	179	36	4	3	0.01	3.71	0
10670117	10670116	2.39	1 1-	2 ACSR 6/1	0	0	1599	179	9	1	1	0.00	3.71	0
10670096	10670144	2.34	1 1-	2 ACSR 6/1	0	0	1637	180	9	1	1	0.00	3.70	0
10670095	10670144	2.36	1 1-	2 ACSR 6/1	0	0	1625	179	5	0	0	0.00	3.70	0
10670141	10670144	2.35	27 1-	2 ACSR 6/1	0	0	1628	179	168	21	12	0.04	3.75	6
10670098	10670141	2.39	24 1-	2 ACSR 6/1	0	0	1602	179	153	19	11	0.02	3.77	2
10670099	10670098	2.44	22 1-	2 ACSR 6/1	0	0	1569	179	130	16	9	0.02	3.79	2
10670100	10670099	2.49	20 1-	2 ACSR 6/1	0	0	1538	178	117	15	8	0.02	3.81	2
10670125	10670100	2.58	17 1-	2 ACSR 6/1	0	0	1487	178	96	12	7	0.03	3.84	2
10670126	10670125	2.67	15 1-	2 ACSR 6/1	0	0	1436	177	83	10	6	0.03	3.87	2
10670102	10670126	2.76	14 1-	2 ACSR 6/1	0	0	1393	176	83	10	6	0.02	3.89	2
10670103	10670102	2.85	13 1-	2 ACSR 6/1	0	0	1347	176	76	9	5	0.03	3.92	2
10670114	10670103	2.95	12 1-	2 ACSR 6/1	0	0	1304	175	68	8	5	0.02	3.94	1
10570059	10670114	3.12	11 1-	2 ACSR 6/1	0	0	1232	174	68	8	5	0.04	3.98	2
10570088	10570059	3.40	9 1-	2 ACSR 6/1	0	0	1129	172	60	7	4	0.06	4.04	3
10570089	10570088	3.47	5 1-	2 ACSR 6/1	0	0	1107	171	34	4	2	0.01	4.05	0
10570084	10570089	3.52	3 1-	2 ACSR 6/1	0	0	1090	171	25	3	2	0.00	4.05	0
10570085	10570084	3.56	2 1-	2 ACSR 6/1	0	0	1076	171	17	2	1	0.00	4.05	0
10570087	10570088	3.47	1 1-	2 ACSR 6/1	0	0	1107	171	4	0	0	0.00	4.04	0
10570086	10570088	3.47	1 1-	2 ACSR 6/1	0	0	1105	171	9	1	1	0.00	4.04	0
10570074	10570059	3.18	2 1-	2 ACSR 6/1	0	0	1206	173	7	0	1	0.00	3.98	0
10670104	10670103	2.92	1 1-	2 ACSR 6/1	0	0	1314	175	8	1	1	0.00	3.92	0
10670101	10670126	2.75	1 1-	2 ACSR 6/1	0	0	1394	176	0	0	0	0.00	3.87	0
10670097	10670141	2.42	3 1-	2 ACSR 6/1	0	0	1584	179	16	2	1	0.00	3.75	0
10670045	10670047	2.14	6 1-	2 ACSR 6/1	0	0	1784	181	62	8	4	0.00	3.57	0
10670138	10670045	2.24	6 1-	2 ACSR 6/1	0	0	1705	180	62	8	4	0.02	3.59	0
10670139	10670138	2.34	5 1-	2 ACSR 6/1	0	0	1636	180	49	6	4	0.02	3.61	0
10670150	10670139	2.38	3 1-	15 KV 2 URD XLP	0	0	1612	427	19	2	1	0.00	3.61	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10670152	10670150	2.44	2 1-	15 KV 2 URD XLP	0	0	1573	424	12	1	1	0.00	3.61	0
10670136	10670139	2.39	2 1-	2 ACSR 6/1	0	0	1602	179	31	4	2	0.00	3.61	0
10670137	10670136	2.46	1 1-	2 ACSR 6/1	0	0	1561	179	14	1	1	0.00	3.61	0
10670142	10670047	2.28	1 1-	2 ACSR 6/1	0	0	1677	180	10	1	1	0.00	3.57	0
10660160	10660159	1.58	1 1-	2 ACSR 6/1	0	0	2345	185	5	0	0	0.00	2.88	0
10660158	10660083	1.51	0 1-	2 ACSR 6/1	0	0	2436	186	0	0	0	0.00	1.37	0
10660132	10660116	1.27	15 1-	2 ACSR 6/1	0	0	2711	187	84	10	6	0.02	1.13	0
10660133	10660132	1.34	13 1-	2 ACSR 6/1	0	0	2610	186	64	8	4	0.01	1.15	0
10660134	10660133	1.39	9 1-	2 ACSR 6/1	0	0	2536	186	43	5	3	0.01	1.15	0
10660194	10660134	1.42	2 1-	2 ACSR 6/1	0	0	2483	186	9	1	1	0.00	1.15	0
10660195	10660194	1.46	1 1-	2 ACSR 6/1	0	0	2426	185	8	0	1	0.00	1.15	0
10660135	10660134	1.42	5 1-	2 ACSR 6/1	0	0	2483	186	22	2	2	0.00	1.16	0
10660141	10660135	1.45	4 1-	2 ACSR 6/1	0	0	2440	185	20	2	1	0.00	1.16	0
10660142	10660141	1.47	2 1-	2 ACSR 6/1	0	0	2413	185	12	1	1	0.00	1.16	0
10660130	10660081	1.12	2 1-	2 ACSR 6/1	0	0	2924	187	14	1	1	0.00	0.95	0
CKT	1 total losses:	\$13,784												
SUB	21, CKT 2													
BK2102	EMMANUEL(21)	0.00	903 3-	BK2102	5109	5225	5430	190	5367	226	57	0.00	0.00	0
10560095	BK2102	0.06	903 3-	336 ACSR 18/1	4974	5059	5189	190	5367	226	43	0.08	0.09	304
10560104	10560095	0.14	900 3-	336 ACSR 18/1	4818	4869	4919	190	5334	225	42	0.10	0.19	369
10560097	10560104	0.36	899 3-	336 ACSR 18/1	4438	4417	4308	189	5327	225	42	0.27	0.47	992
10560077	10560097	0.47	897 3-	336 ACSR 18/1	4263	4214	4046	189	5296	224	42	0.14	0.61	508
10570060	10560077	0.53	896 3-	336 ACSR 18/1	4175	4112	3918	189	5283	223	42	0.07	0.69	272
10570061	10570060	0.62	894 3-	336 ACSR 18/1	4039	3958	3727	189	5264	223	42	0.12	0.82	435
10570065	10570061	0.64	894 3-	336 ACSR 18/1	4019	3935	3698	189	5260	223	42	0.02	0.84	69
10570066	10570065	0.72	893 3-	336 ACSR 18/1	3916	3820	3559	189	5257	222	42	0.10	0.93	352
10570068	10570066	0.79	1 1-	2 ACSR 6/1	0	0	3362	188	21	2	1	0.00	0.91	0
10570069	10570066	0.78	891 3-	336 ACSR 18/1	3837	3732	3454	188	5231	221	42	0.08	1.01	281
10570070	10570069	0.88	891 3-	336 ACSR 18/1	3713	3596	3293	188	5228	221	42	0.13	1.15	464
10570095	10570070	0.91	2 1-	2 ACSR 6/1	0	0	3227	188	21	2	1	0.00	0.75	0
10570097	10570095	1.04	1 1-	2 ACSR 6/1	0	0	2951	187	11	1	1	0.00	0.75	0
10570096	10570095	0.96	1 1-	2 ACSR 6/1	0	0	3127	188	10	1	1	0.00	0.75	0
10570071	10570070	1.62	888 3-	336 ACSR 18/1	3008	2847	2463	187	5200	220	42	0.91	2.07	3305
10570072	10570071	1.67	887 3-	336 ACSR 18/1	2967	2804	2418	187	5156	220	42	0.07	2.14	240
10570078	10570072	1.75	886 3-	336 ACSR 18/1	2909	2745	2356	186	5143	219	41	0.10	2.24	345
10570081	10570078	1.81	5 1-	2 ACSR 6/1	0	0	2285	186	43	5	3	0.01	3.10	0
10570076	10570081	1.87	2 1-	2 ACSR 6/1	0	0	2218	185	8	1	1	0.00	3.10	0
10570075	10570081	1.85	1 1-	2 ACSR 6/1	0	0	2243	186	9	1	1	0.00	3.10	0
10570080	10570078	1.78	2 1-	2 ACSR 6/1	0	0	2320	186	22	2	2	0.00	3.09	0
10570077	10570080	1.84	1 1-	2 ACSR 6/1	0	0	2248	186	11	1	1	0.00	3.09	0
10570079	10570078	1.81	0 1-	2 ACSR 6/1	0	0	2286	186	0	0	0	0.00	3.09	0
10570082	10570078	1.80	878 3-	336 ACSR 18/1	2873	2708	2318	186	5073	217	41	0.06	2.30	214
10570083	10570082	1.84	875 3-	336 ACSR 18/1	2844	2679	2288	186	5052	216	41	0.05	2.35	175
10570090	10570083	1.92	874 3-	336 ACSR 18/1	2787	2621	2228	186	5047	216	41	0.10	2.45	355
10580052	10570090	1.98	871 3-	336 ACSR 18/1	2751	2584	2191	186	5032	215	41	0.06	2.51	229
10580053	10580052	2.02	6 1-	2 ACSR 6/1	0	0	2147	186	30	3	2	0.00	3.46	0
10580047	10580053	2.06	3 1-	2 ACSR 6/1	0	0	2105	185	20	2	1	0.00	3.46	0
10580070	10580047	2.12	1 1-	2 ACSR 6/1	0	0	2050	185	10	1	1	0.00	3.46	0
10580050	10580052	2.04	863 3-	336 ACSR 18/1	2710	2542	2149	186	4987	213	40	0.07	2.59	265
10580051	10580050	2.10	860 3-	336 ACSR 18/1	2675	2507	2114	186	4960	212	40	0.06	2.65	227
10580018	10580051	2.15	2 1-	2 ACSR 6/1	0	0	2060	185	15	1	1	0.00	1.75	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10580041	10580051	2.19	852 3-	336 ACSR 18/1	2620	2452	2058	185	4896	210	40	0.10	2.76	364
10580031	10580041	2.23	848 3-	336 ACSR 18/1	2596	2428	2035	185	4887	209	40	0.04	2.81	159
10580032	10580031	2.28	847 3-	336 ACSR 18/1	2569	2401	2008	185	4878	209	40	0.05	2.86	187
10580042	10580032	2.32	835 3-	336 ACSR 18/1	2547	2379	1986	185	4803	206	39	0.04	2.91	147
10580019	10580042	2.35	832 3-	336 ACSR 18/1	2526	2358	1966	185	4795	205	39	0.04	2.95	145
10580022	10580019	2.43	825 3-	336 ACSR 18/1	2487	2319	1927	185	4752	204	39	0.08	3.03	270
10580023	10580022	2.46	1 1-	2 ACSR 6/1	0	0	1895	185	10	1	1	0.00	2.05	0
10580024	10580022	2.47	821 3-	336 ACSR 18/1	2462	2294	1904	185	4724	203	38	0.05	3.08	172
10580068	10580024	2.50	817 3-	336 ACSR 18/1	2449	2281	1891	185	4699	202	38	0.03	3.11	94
10580069	10580068	2.53	816 3-	336 ACSR 18/1	2432	2264	1874	185	4684	201	38	0.04	3.15	121
10580025	10580069	2.59	2 1-	2 ACSR 6/1	0	0	1827	184	9	1	1	0.00	2.15	0
10580034	10580069	2.56	810 3-	336 ACSR 18/1	2415	2248	1859	185	4655	200	38	0.04	3.18	116
10580035	10580034	2.69	810 3-	336 ACSR 18/1	2353	2186	1799	184	4654	200	38	0.14	3.32	455
10580037	10580035	2.83	803 3-	336 ACSR 18/1	2288	2122	1738	184	4610	198	37	0.15	3.47	495
10580048	10580037	2.87	800 3-	336 ACSR 18/1	2270	2104	1721	184	4582	197	37	0.04	3.52	140
10580056	10580048	2.92	4 1-	2 ACSR 6/1	0	0	1691	183	23	3	2	0.00	2.47	0
10580043	10580048	2.88	793 3-	336 ACSR 18/1	2266	2101	1718	184	4540	195	37	0.01	3.53	30
10-58-P042-B	10580043	2.88	793 3-	Closed	2266	2101	1718	184	4540	195	0	0.00	3.53	0
10-58-P042-A	10-58-P042-B	2.88	793 3-	Closed	2266	2101	1718	184	4540	195	0	0.00	3.53	0
10580054	10-58-P042-A	2.94	793 3-	336 ACSR 18/1	2240	2076	1694	184	4540	195	37	0.06	3.59	199
10580055	10580054	3.00	0 1-	2 ACSR 6/1	0	0	1651	183	0	0	0	0.00	3.49	0
10580049	10580054	2.97	791 3-	336 ACSR 18/1	2225	2061	1680	184	4520	195	37	0.04	3.62	119
10580044	10580049	3.04	1 1-	2 ACSR 6/1	0	0	1636	183	6	0	0	0.00	3.53	0
10580045	10580049	3.03	790 3-	336 ACSR 18/1	2200	2036	1657	183	4513	194	37	0.06	3.69	199
10580046	10580045	3.07	789 3-	336 ACSR 18/1	2185	2021	1643	183	4502	194	37	0.04	3.72	126
10580057	10580046	3.11	1 1-	2 ACSR 6/1	0	0	1615	183	10	1	1	0.00	2.65	0
10580058	10580046	3.11	788 3-	336 ACSR 18/1	2165	2002	1625	183	4491	193	37	0.05	3.78	164
10580059	10580058	3.19	786 3-	336 ACSR 18/1	2133	1971	1596	183	4480	193	37	0.08	3.86	265
10580062	10580059	3.28	781 3-	336 ACSR 18/1	2109	1939	1567	183	4437	191	36	0.09	3.94	275
10580063	10580062	3.34	780 3-	336 ACSR 18/1	2078	1917	1547	183	4423	191	36	0.06	4.01	197
10680164	10580063	3.39	779 3-	336 ACSR 18/1	2059	1899	1530	183	4416	191	36	0.05	4.06	169
10680114	10680164	3.44	693 3-	4/0 ACSR 6/1	2036	1877	1510	182	4010	173	51	0.06	4.13	219
10680115	10680114	3.46	692 3-	4/0 ACSR 6/1	2025	1866	1500	182	4003	173	51	0.03	4.16	104
10680134	10680115	3.56	3 1-	2 ACSR 6/1	0	0	1453	182	20	2	1	0.00	3.02	0
10680031	10680115	3.52	689 3-	4/0 ACSR 6/1	2000	1842	1478	182	3982	172	51	0.07	4.24	250
D10-59-P276A	10680031	3.52	2 1-	FUS-30	0	0	1478	182	7	0	3	0.00	3.08	0
10590178	D10-59-P276A	3.59	2 1-	2 ACSR 6/1	0	0	1444	182	7	0	1	0.00	3.09	0
10590085	10590178	3.63	1 1-	2 ACSR 6/1	0	0	1427	181	3	0	0	0.00	3.09	0
D10-59-P276	10680031	3.52	687 3-	ER3-RE-200/120-	2000	1842	1478	182	3973	172	172	0.00	4.24	0
10590202	D10-59-P276	3.56	687 3-	4/0 ACSR 6/1	1983	1826	1464	182	3973	172	51	0.05	4.30	165
10590203	10590202	3.59	686 3-	4/0 ACSR 6/1	1969	1812	1452	182	3970	172	51	0.04	4.34	140
10590072	10590203	3.64	685 3-	4/0 ACSR 6/1	1948	1792	1433	182	3964	171	51	0.06	4.42	224
10590075	10590072	3.69	682 3-	4/0 ACSR 6/1	1927	1772	1415	182	3955	171	50	0.06	4.49	217
10590074	10590075	3.70	1 3-	1/0 ACSR 6/1	1921	1766	1411	182	17	0	0	0.00	4.49	0
10590029	10590075	3.75	679 3-	4/0 ACSR 6/1	1905	1751	1397	181	3928	170	50	0.07	4.56	228
10590071	10590029	3.78	1 1-	2 ACSR 6/1	0	0	1382	181	12	1	1	0.00	4.40	0
10590076	10590029	3.77	677 3-	4/0 ACSR 6/1	1894	1740	1388	181	3910	169	50	0.03	4.60	113
10590077	10590076	3.87	673 3-	4/0 ACSR 6/1	1856	1704	1355	181	3896	169	50	0.12	4.73	412
10590081	10590077	3.96	660 3-	4/0 ACSR 6/1	1823	1672	1327	181	3840	167	49	0.10	4.86	364
10590082	10590081	3.99	659 3-	4/0 ACSR 6/1	1812	1662	1319	181	3830	166	49	0.03	4.89	115
10590110	10590082	4.06	659 3-	4/0 ACSR 6/1	1790	1640	1300	180	3828	166	49	0.07	4.98	256
10590113	10590110	4.09	4 1-	2 ACSR 6/1	0	0	1285	180	16	2	1	0.00	3.72	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10590097	10590113	4.11	3 1-	2 ACSR 6/1	0	0	1279	180	12	1	1	0.00	3.72	0
10590117	10590097	4.15	2 1-	2 ACSR 6/1	0	0	1265	180	11	1	1	0.00	3.72	0
10590112	10590110	4.12	651 3-	4/0 ACSR 6/1	1766	1618	1280	180	3793	165	49	0.08	5.07	274
10590031	10590112	4.19	650 3-	4/0 ACSR 6/1	1745	1598	1263	180	3782	164	48	0.07	5.15	237
10590127	10590031	4.23	3 1-	2 ACSR 6/1	0	0	1245	180	13	1	1	0.00	6.69	0
10590030	10590031	4.27	643 3-	4/0 ACSR 6/1	1717	1572	1240	180	3728	162	48	0.09	5.26	321
D10-59-P014	10590030	4.27	18 1-	FUS	0	0	1240	180	104	13	306	0.00	3.96	0
10590114	D10-59-P014	4.33	18 1-	2 ACSR 6/1	0	0	1217	179	104	13	7	0.02	3.99	2
10590104	10590114	4.45	16 1-	2 ACSR 6/1	0	0	1178	178	96	12	7	0.04	4.03	3
10590105	10590104	4.58	0 1-	2 ACSR 6/1	0	0	1135	177	0	0	0	0.00	4.03	0
10590096	10590104	4.53	15 1-	2 ACSR 6/1	0	0	1151	178	88	11	6	0.03	4.06	2
10590106	10590096	4.62	15 1-	2 ACSR 6/1	0	0	1124	177	88	11	6	0.03	4.08	2
10590108	10590106	4.68	0 1-	2 ACSR 6/1	0	0	1105	176	0	0	0	0.00	4.08	0
10590107	10590106	4.66	13 1-	2 ACSR 6/1	0	0	1113	177	78	10	6	0.01	4.09	0
10590109	10590107	4.71	12 1-	2 ACSR 6/1	0	0	1097	176	75	9	5	0.01	4.10	0
10590067	10590109	4.75	1 1-	2 ACSR 6/1	0	0	1085	176	8	0	1	0.00	4.11	0
10590068	10590109	4.76	8 1-	2 ACSR 6/1	0	0	1082	176	50	6	4	0.01	4.11	0
10590194	10590068	4.84	7 1-	2 ACSR 6/1	0	0	1060	175	39	5	3	0.01	4.12	0
10590195	10590194	4.87	4 1-	2 ACSR 6/1	0	0	1051	175	26	3	2	0.00	4.13	0
10590069	10590195	4.96	2 1-	2 ACSR 6/1	0	0	1029	174	18	2	1	0.00	4.13	0
10590070	10590069	5.06	1 1-	2 ACSR 6/1	0	0	1002	174	9	1	1	0.00	4.13	0
10590095	10590104	4.51	1 1-	2 ACSR 6/1	0	0	1159	178	8	1	1	0.00	4.03	0
10590083	10590030	4.34	619 3-	4/0 ACSR 6/1	1696	1551	1222	179	3564	155	46	0.08	5.34	237
10590137	10590083	4.36	613 3-	4/0 ACSR 6/1	1689	1544	1216	179	3536	154	45	0.02	5.37	78
D10-59-P021	10590137	4.39	610 3-	4/0 ACSR 6/1	1678	1535	1208	179	3525	154	45	0.04	5.41	112
D10-59-P021	10590138	4.39	46 1-	REC-35-H	0	0	1208	179	330	44	126	0.00	7.02	0
10590181	D10-59-P021	4.42	46 1-	2 ACSR 6/1	0	0	1198	179	330	44	24	0.03	7.06	9
10590140	10590181	4.45	42 1-	2 ACSR 6/1	0	0	1190	179	313	41	23	0.03	7.09	8
10590141	10590140	4.49	14 1-	2 ACSR 6/1	0	0	1176	178	100	13	7	0.02	7.10	1
10590142	10590141	4.52	14 1-	2 ACSR 6/1	0	0	1164	178	100	13	7	0.01	7.11	0
10590200	10590142	4.57	13 1-	2 ACSR 6/1	0	0	1150	178	91	12	7	0.01	7.13	1
10590201	10590200	4.64	12 1-	2 ACSR 6/1	0	0	1126	177	84	11	6	0.02	7.15	2
10590143	10590201	4.70	11 1-	2 ACSR 6/1	0	0	1109	177	73	9	5	0.01	7.17	0
10590098	10590143	4.73	4 1-	2 ACSR 6/1	0	0	1101	177	31	4	2	0.00	7.17	0
10590099	10590098	4.76	3 1-	2 ACSR 6/1	0	0	1093	176	25	3	2	0.00	7.17	0
10590180	10590099	4.79	1 1-	2 ACSR 6/1	0	0	1085	176	7	0	1	0.00	7.17	0
10590100	10590099	4.79	1 1-	2 ACSR 6/1	0	0	1084	176	10	1	1	0.00	7.17	0
10590144	10590143	4.74	4 1-	2 ACSR 6/1	0	0	1099	177	29	3	2	0.00	7.17	0
10590103	10590144	4.76	3 1-	2 ACSR 6/1	0	0	1093	176	25	3	2	0.00	7.17	0
10590184	10590103	4.78	1 1-	2 ACSR 6/1	0	0	1087	176	13	1	1	0.00	7.17	0
10590183	10590184	4.80	1 1-	2 ACSR 6/1	0	0	1080	176	13	1	1	0.00	7.17	0
10590101	10590140	4.53	28 1-	2 ACSR 6/1	0	0	1163	178	213	28	16	0.07	7.15	12
10590102	10590101	4.63	27 1-	2 ACSR 6/1	0	0	1131	177	212	28	16	0.08	7.23	14
10590196	10590102	4.69	22 1-	2 ACSR 6/1	0	0	1114	177	178	23	13	0.04	7.27	6
10590199	10590196	4.76	21 1-	2 ACSR 6/1	0	0	1091	176	177	23	13	0.05	7.32	7
10590124	10590199	4.84	19 1-	2 ACSR 6/1	0	0	1069	176	166	22	12	0.05	7.37	6
10590179	10590124	4.89	17 1-	2 ACSR 6/1	0	0	1057	175	147	19	11	0.02	7.39	3
10590186	10590179	4.96	16 1-	2 ACSR 6/1	0	0	1037	175	144	19	11	0.04	7.43	5
10590187	10590186	5.08	15 1-	2 ACSR 6/1	0	0	1007	174	135	18	10	0.06	7.49	7
10690025	10590187	5.12	12 1-	2 ACSR 6/1	0	0	996	174	112	14	8	0.02	7.51	2
10690063	10690025	5.16	10 1-	2 ACSR 6/1	0	0	987	173	97	12	7	0.01	7.52	1
10690064	10690063	5.22	9 1-	2 ACSR 6/1	0	0	973	173	94	12	7	0.02	7.54	1

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LROP DROP	TOTAL DROP	LINE LOSS
11620090	10690064	5.32	7 1-	2 ACSR 6/1	0	0	950	172	71	9	5	0.03	7.57	2
11620092	11620090	5.40	5 1-	2 ACSR 6/1	0	0	932	172	50	6	4	0.02	7.59	0
11620093	11620092	5.45	5 1-	2 ACSR 6/1	0	0	920	171	50	6	4	0.01	7.59	0
11620094	11620093	5.50	4 1-	2 ACSR 6/1	0	0	912	171	41	5	3	0.01	7.60	0
11620096	11620094	5.57	2 1-	2 ACSR 6/1	0	0	896	170	9	1	1	0.00	7.60	0
11620095	11620094	5.54	2 1-	2 ACSR 6/1	0	0	903	171	31	4	2	0.00	7.60	0
11620091	11620090	5.36	2 1-	2 ACSR 6/1	0	0	940	172	22	2	2	0.00	7.57	0
11620101	10690064	5.28	1 1-	2 ACSR 6/1	0	0	959	173	14	1	1	0.00	7.54	0
11620100	10690064	5.23	0 1-	2 ACSR 6/1	0	0	970	173	0	0	0	0.00	7.54	0
10690024	10590187	5.16	3 1-	2 ACSR 6/1	0	0	988	173	23	3	2	0.01	7.50	0
10690067	10690024	5.22	2 1-	2 ACSR 6/1	0	0	973	173	12	1	1	0.00	7.50	0
10590206	10590102	4.68	5 1-	2 ACSR 6/1	0	0	1116	177	34	4	3	0.00	7.24	0
10590207	10590206	4.71	2 1-	2 ACSR 6/1	0	0	1107	177	14	1	1	0.00	7.24	0
10590139	10590138	4.45	2 1-	2 ACSR 6/1	0	0	1190	179	20	2	1	0.00	4.08	0
10590032	10590138	4.54	562 3-	4/0 ACSR 6/1	1633	1492	1171	179	3174	138	41	0.14	5.58	411
10590133	10590032	4.60	550 3-	4/0 ACSR 6/1	1615	1475	1156	178	3101	135	40	0.05	5.64	167
10590129	10590133	4.66	3 1-	2 ACSR 6/1	0	0	1138	178	12	1	1	0.00	5.33	0
10590185	10590133	4.63	6 1-	2 ACSR 6/1	0	0	1148	178	53	6	4	0.00	4.35	0
10590192	10590185	4.66	4 1-	2 ACSR 6/1	0	0	1138	178	26	3	2	0.00	4.35	0
10590193	10590192	4.73	1 1-	2 ACSR 6/1	0	0	1119	178	7	0	0	0.00	4.35	0
10590136	10590133	4.69	538 3-	4/0 ACSR 6/1	1591	1452	1137	178	3018	131	39	0.07	5.73	207
10590115	10590136	4.72	8 1-	2 ACSR 6/1	0	0	1127	178	36	4	3	0.00	4.44	0
10590116	10590115	4.74	7 1-	2 ACSR 6/1	0	0	1120	178	33	4	2	0.00	4.44	0
10590034	10590116	4.78	3 1-	2 ACSR 6/1	0	0	1110	177	16	2	1	0.00	4.44	0
10590189	10590136	4.70	5 1-	2 ACSR 6/1	0	0	1132	178	26	3	2	0.00	5.41	0
10590191	10590189	4.74	1 1-	2 ACSR 6/1	0	0	1121	178	11	1	1	0.00	5.41	0
10590190	10590189	4.72	4 1-	2 ACSR 6/1	0	0	1126	178	14	1	1	0.00	5.41	0
10590135	10590136	4.73	524 3-	4/0 ACSR 6/1	1579	1440	1127	178	2953	129	38	0.04	5.78	111
10-59-P120-B	10590135	4.73	524 3-	Closed	1579	1440	1127	178	2952	129	0	0.00	5.78	0
10-59-P120-A	10-59-P120-B	4.73	524 3-	Closed	1579	1440	1127	178	2952	129	0	0.00	5.78	0
10590033	10-59-P120-A	4.76	524 3-	4/0 ACSR 6/1	1571	1433	1120	178	2952	129	38	0.03	5.80	70
10590036	10590033	4.80	1 1-	2 ACSR 6/1	0	0	1108	178	6	0	0	0.00	4.52	0
10590147	10590033	4.80	523 3-	4/0 ACSR 6/1	1560	1422	1111	178	2946	128	38	0.04	5.85	98
10590148	10590147	4.84	520 3-	4/0 ACSR 6/1	1548	1412	1103	178	2934	128	38	0.04	5.89	98
10590145	10590148	4.91	515 3-	4/0 ACSR 6/1	1530	1395	1088	177	2888	126	37	0.06	5.96	160
10490120	10590145	4.98	514 3-	4/0 ACSR 6/1	1513	1379	1075	177	2884	126	37	0.06	6.02	150
10490620	10490120	4.98	2 3-	Consumer	1513	1379	1075	177	219	10	0	0.00	6.02	0
10490051	10490120	5.04	511 3-	4/0 ACSR 6/1	1499	1366	1063	177	2662	116	34	0.04	6.07	110
10490142	10490051	5.16	1 3-	1/0 ACSR 6/1	1461	1329	1036	176	1	0	0	0.00	6.07	0
10490053	10490051	5.09	508 3-	4/0 ACSR 6/1	1485	1352	1052	177	2656	116	34	0.04	6.12	112
10490052	10490053	5.16	507 3-	1/0 ACSR 6/1	1463	1331	1036	176	2651	116	51	0.11	6.24	278
10490062	10490052	5.21	506 3-	1/0 ACSR 6/1	1449	1317	1026	176	2647	116	50	0.08	6.32	190
10490066	10490062	5.25	438 3-	1/0 ACSR 6/1	1438	1307	1018	176	2332	102	45	0.06	3.88	111
10490067	10490066	5.29	1 1-	2 ACSR 6/1	0	0	1008	176	9	1	1	0.00	8.03	0
10490065	10490066	5.28	436 3-	1/0 ACSR 6/1	1430	1299	1012	176	2315	101	44	0.04	6.42	83
10-49-P147-B	10490065	5.28	436 3-	Closed	1430	1299	1012	176	2315	101	0	0.00	6.42	0
10-49-P147-A	10-49-P147-B	5.28	436 3-	Closed	1430	1299	1012	176	2315	101	0	0.00	6.42	0
10490091	10-49-P147-A	5.31	436 3-	1/0 ACSR 6/1	1420	1289	1005	176	2315	101	44	0.05	6.47	103
10490097	10490091	5.34	433 3-	1/0 ACSR 6/1	1412	1282	999	175	2304	101	44	0.04	6.51	80
10490096	10490097	5.38	430 3-	1/0 ACSR 6/1	1401	1271	991	175	2288	100	44	0.06	6.56	117
10490094	10490096	5.44	427 3-	1/0 ACSR 6/1	1383	1254	978	175	2269	99	43	0.10	6.65	179
10490093	10490094	5.47	3 1-	2 ACSR 6/1	0	0	972	175	12	1	1	0.00	6.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10490095	10490093	5.50	2 1-	2 ACSR 6/1	0	0	965	175	5	0	0	0.00	6.29	0
10490092	10490094	5.51	421 3-	1/0 ACSR 6/1	1365	1236	965	175	2249	98	43	0.10	6.75	193
10490141	10490092	5.58	415 3-	1/0 ACSR 6/1	1348	1220	953	174	2234	98	43	0.10	6.84	182
D10-49-P219	10490141	5.58	415 3-	REC-100-L	1348	1220	953	174	2232	98	98	0.00	6.84	0
10490100	D10-49-P219	5.59	415 3-	1/0 ACSR 6/1	1344	1216	950	174	2232	98	43	0.02	6.86	40
10490102	10490100	5.65	3 1-	2 ACSR 6/1	0	0	938	174	10	1	1	0.00	5.54	0
10490103	10490102	5.71	1 1-	2 ACSR 6/1	0	0	926	173	6	0	0	0.00	5.54	0
10490101	10490100	5.67	402 3-	1/0 ACSR 6/1	1324	1197	935	174	2193	96	42	0.12	6.97	211
10490050	10490101	5.72	1 1-	2 ACSR 6/1	0	0	926	173	3	0	0	0.00	5.64	0
10490049	10490101	5.71	390 3-	1/0 ACSR 6/1	1314	1188	928	174	2149	94	41	0.06	7.02	101
10490104	10490049	5.76	390 3-	1/0 ACSR 6/1	1303	1178	928	173	2148	94	41	0.07	7.08	113
10490106	10490104	5.82	386 3-	1/0 ACSR 6/1	1288	1163	910	173	2136	94	41	0.10	7.17	164
10490137	10490106	5.89	385 3-	1/0 ACSR 6/1	1271	1147	898	173	2133	94	41	0.11	7.26	182
10490139	10490137	5.91	2 1-	2 ACSR 6/1	0	0	893	172	13	1	1	0.00	5.89	0
10490140	10490139	5.97	1 1-	2 ACSR 6/1	0	0	882	172	6	0	0	0.00	5.89	0
10490138	10490137	5.97	383 3-	1/0 ACSR 6/1	1252	1129	885	172	2118	93	41	0.12	7.37	203
10490081	10490138	6.03	382 3-	1/0 ACSR 6/1	1239	1117	875	172	2112	93	41	0.09	7.44	144
10490119	10490081	6.10	381 3-	1/0 ACSR 6/1	1224	1103	864	172	2102	93	40	0.10	7.53	173
10490121	10490119	6.15	380 3-	1/0 ACSR 6/1	1212	1091	856	171	2100	93	40	0.08	7.61	139
10490122	10490121	6.45	378 3-	1/0 ACSR 6/1	1151	1034	813	170	2082	92	40	0.44	7.99	728
C10-49-P110	10490122	6.45	0 3-	Capacitor	1151	1034	813	170	0	-12	0	0.00	7.99	0
10490026	10490122	6.62	378 3-	1/0 ACSR 6/1	1119	1004	790	169	2075	93	41	0.28	8.24	422
10390041	10490026	6.75	376 3-	1/0 ACSR 6/1	1096	982	774	168	2058	92	40	0.21	8.43	318
10390043	10390041	6.84	373 3-	1/0 ACSR 6/1	1080	968	763	168	2044	92	40	0.14	8.56	218
10390054	10390043	6.93	369 3-	1/0 ACSR 6/1	1065	953	752	167	2034	91	40	0.14	8.68	214
10390066	10390054	6.99	23 1-	2 ACSR 6/1	0	0	744	167	126	17	10	0.03	10.35	3
D10-39-P087	10390066	6.99	23 1-	FUS	0	0	744	167	126	17	393	0.00	10.35	0
10390064	D10-39-P087	7.03	23 1-	2 ACSR 6/1	0	0	738	167	126	17	10	0.02	10.37	2
10390035	10390064	7.08	2 1-	2 ACSR 6/1	0	0	731	166	5	0	0	0.00	10.37	0
10390045	10390064	7.09	19 1-	2 ACSR 6/1	0	0	729	166	112	15	9	0.03	10.40	3
10390033	10390045	7.20	15 1-	2 ACSR 6/1	0	0	715	166	91	12	7	0.04	10.44	3
10390057	10390033	7.30	11 1-	2 ACSR 6/1	0	0	703	165	65	8	5	0.02	10.46	1
11320010	10390057	7.34	9 1-	2 ACSR 6/1	0	0	698	165	51	6	4	0.01	10.47	0
11320012	11320010	7.43	8 1-	2 ACSR 6/1	0	0	687	164	42	5	3	0.01	10.48	0
11320013	11320012	7.48	1 1-	2 ACSR 6/1	0	0	681	164	12	1	1	0.00	10.48	0
11320014	11320012	7.49	6 1-	2 ACSR 6/1	0	0	680	164	20	2	2	0.00	10.48	0
11320015	11320014	7.56	4 1-	2 ACSR 6/1	0	0	672	163	12	1	1	0.00	10.49	0
11320017	11320015	7.62	2 1-	2 ACSR 6/1	0	0	665	163	5	0	0	0.00	10.49	0
11320021	11320017	8.01	1 1-	2 ACSR 6/1	0	0	624	160	5	0	0	0.00	10.49	0
11320016	11320015	7.60	2 1-	2 ACSR 6/1	0	0	667	163	7	0	1	0.00	10.49	0
11320018	11320016	7.70	1 1-	2 ACSR 6/1	0	0	656	162	7	0	1	0.00	10.49	0
11320011	11320010	7.38	1 1-	2 ACSR 6/1	0	0	693	164	9	1	1	0.00	10.47	0
10390032	10390033	7.26	2 1-	2 ACSR 6/1	0	0	708	165	16	2	1	0.00	10.44	0
10390034	10390033	7.31	1 1-	2 ACSR 6/1	0	0	701	165	2	0	0	0.00	10.44	0
10390031	10390045	7.17	2 1-	2 ACSR 6/1	0	0	719	166	12	1	1	0.00	10.40	0
10390036	10390031	7.21	1 1-	2 ACSR 6/1	0	0	714	166	6	0	0	0.00	10.40	0
10390030	10390045	7.16	2 1-	2 ACSR 6/1	0	0	720	166	9	1	1	0.00	10.40	0
10390048	10390054	7.05	343 3-	1/0 ACSR 6/1	1046	935	738	167	1880	84	37	0.18	8.84	243
D10-39-P025	10390048	7.05	7 1-	FUS	0	0	738	167	43	5	134	0.00	10.44	0
10390063	D10-39-P025	7.07	7 1-	2 ACSR 6/1	0	0	734	167	43	5	3	0.00	10.45	0
10390065	10390063	7.11	2 1-	2 ACSR 6/1	0	0	730	166	16	2	1	0.00	10.45	0
10390052	10390048	7.13	329 3-	1/0 ACSR 6/1	1033	923	729	167	1796	81	35	0.12	8.94	157

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10390028	10390052	7.17	322 3-	1/0 ACSR 6/1	1026	917	724	166	1765	79	35	0.07	9.00	84
10390029	10390028	7.27	320 3-	1/0 ACSR 6/1	1011	903	714	166	1749	79	34	0.14	9.12	176
10390022	10390029	7.35	319 3-	1/0 ACSR 6/1	999	892	705	165	1741	78	34	0.12	9.22	147
10390023	10390022	7.51	317 3-	1/0 ACSR 6/1	975	870	688	165	1725	78	34	0.25	9.42	300
10390053	10390023	7.59	5 1-	2 ACSR 6/1	0	0	679	164	12	1	1	0.00	10.83	0
10390058	10390053	7.65	4 1-	2 ACSR 6/1	0	0	673	164	12	1	1	0.00	10.83	0
11320019	10390058	7.87	1 1-	2 ACSR 6/1	0	0	648	162	6	0	0	0.00	10.84	0
11320008	10390058	7.69	1 1-	2 ACSR 6/1	0	0	668	163	2	0	0	0.00	10.83	0
11320009	11320008	7.73	0 1-	2 ACSR 6/1	0	0	663	163	0	0	0	0.00	10.83	0
10390056	10390023	7.60	312 3-	1/0 ACSR 6/1	963	858	680	164	1710	77	34	0.13	9.52	152
10290029	10390056	7.68	311 3-	1/0 ACSR 6/1	952	848	672	164	1703	77	34	0.12	9.62	144
10290030	10290029	7.72	3 1-	2 ACSR 6/1	0	0	667	164	31	4	2	0.00	10.95	0
10290037	10290030	7.75	2 1-	2 ACSR 6/1	0	0	664	163	17	2	1	0.00	10.96	0
10290011	10290029	7.79	308 3-	1/0 ACSR 6/1	936	834	661	163	1670	75	33	0.17	9.76	201
10290047	10290011	7.84	2 1-	2 ACSR 6/1	0	0	657	163	16	2	1	0.00	9.86	0
10290035	10290011	7.89	4 1-	2 ACSR 6/1	0	0	651	163	26	3	2	0.01	8.39	0
10290036	10290035	7.96	3 1-	2 ACSR 6/1	0	0	643	162	18	2	1	0.01	8.40	0
10290039	10290036	8.02	1 1-	2 ACSR 6/1	0	0	637	162	10	1	1	0.00	8.40	0
10290040	10290039	8.12	0 1-	2 ACSR 6/1	0	0	627	161	0	0	0	0.00	8.40	0
10290038	10290036	8.01	2 1-	2 ACSR 6/1	0	0	638	162	8	1	1	0.00	8.40	0
10290034	10290011	7.83	1 1-	2 ACSR 6/1	0	0	658	163	12	1	1	0.00	8.39	0
10290014	10290014	7.88	301 3-	1/0 ACSR 6/1	925	824	653	163	1615	73	32	0.13	9.86	143
10290049	10290014	7.98	300 3-	1/0 ACSR 6/1	913	812	645	162	1599	72	32	0.14	9.97	154
10290013	10290049	8.00	296 3-	1/0 ACSR 6/1	910	810	643	162	1583	72	31	0.03	9.99	36
D10-29-P023	10290013	8.00	27 1-	REC-35-H	0	0	643	162	118	15	46	0.00	8.67	0
11220040	D10-29-P023	8.07	27 1-	2 ACSR 6/1	0	0	635	162	118	15	9	0.03	8.70	3
11220023	11220040	8.13	4 1-	2 ACSR 6/1	0	0	630	161	14	1	1	0.00	8.70	0
11220029	11220040	8.28	5 1-	2 ACSR 6/1	0	0	615	161	31	4	2	0.02	8.72	0
11220034	11220029	8.38	3 1-	2 ACSR 6/1	0	0	606	160	20	2	2	0.01	8.73	0
11220028	11220034	8.42	2 1-	2 ACSR 6/1	0	0	602	160	16	2	1	0.00	8.73	0
11220022	11220028	8.61	1 1-	2 ACSR 6/1	0	0	585	158	10	1	1	0.00	8.73	0
11220044	11220022	8.66	0 1-	2 ACSR 6/1	0	0	580	158	0	0	0	0.00	8.73	0
11220015	11220040	8.16	18 1-	2 ACSR 6/1	0	0	626	161	73	9	6	0.02	8.72	2
11220030	11220015	8.41	14 1-	2 ACSR 6/1	0	0	602	160	51	6	4	0.05	8.77	2
11220031	11220030	8.51	12 1-	2 ACSR 6/1	0	0	594	159	45	6	3	0.02	8.78	0
11220032	11220031	8.61	11 1-	2 ACSR 6/1	0	0	585	158	42	5	3	0.02	8.80	0
11220033	11220032	8.68	1 1-	2 ACSR 6/1	0	0	579	158	4	0	0	0.00	8.80	0
11220026	11220032	8.93	10 1-	2 ACSR 6/1	0	0	558	156	38	5	3	0.05	8.85	1
11220020	11220026	8.98	2 1-	2 ACSR 6/1	0	0	554	156	7	0	1	0.00	8.85	0
11220019	11220020	9.10	1 1-	2 ACSR 6/1	0	0	545	155	1	0	0	0.00	8.85	0
11220013	11220026	8.99	8 1-	2 ACSR 6/1	0	0	553	156	31	4	2	0.01	8.85	0
11220043	11220013	9.05	7 1-	2 ACSR 6/1	0	0	548	156	24	3	2	0.01	8.86	0
11220027	11220043	9.12	1 1-	2 ACSR 6/1	0	0	543	155	0	0	0	0.00	8.86	0
11220024	11220043	9.14	6 1-	2 ACSR 6/1	0	0	541	155	24	3	2	0.01	8.87	0
11220025	11220024	9.38	5 1-	2 ACSR 6/1	0	0	524	154	15	2	1	0.01	8.88	0
D11-23-P010	11220025	9.38	4 1-	FUS	0	0	524	154	9	1	28	0.00	8.88	0
11230016	D11-23-P010	9.91	4 1-	2 ACSR 6/1	0	0	489	151	9	1	1	0.02	8.89	0
11330016	11230016	9.99	3 1-	2 ACSR 6/1	0	0	483	150	6	0	0	0.00	8.89	0
11330017	11330016	10.03	1 1-	2 ACSR 6/1	0	0	481	150	5	0	0	0.00	8.90	0
11220016	11220026	8.99	0 1-	2 ACSR 6/1	0	0	553	156	0	0	0	0.00	8.85	0
11220035	11220015	8.24	4 1-	2 ACSR 6/1	0	0	619	161	23	3	2	0.01	8.73	0
11220036	11220035	8.30	2 1-	2 ACSR 6/1	0	0	613	160	12	1	1	0.00	8.73	0

Title: CUMBERLAND VALLEY ELECTRIC COOPERATIVE - KENTUCKY 57 BELL - GRAY, KENTUCKY
Case: 2007 - 2010 CONSTRUCTION WORK PLAN - EXISTING SYSTEM WITH PROPOSED WINTER 2010/11 LOADS
Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10290012	10290013	8.19	268 3-	1/0 ACSR 6/1	887	789	627	161	1451	66	29	0.29	10.18	258
11220018	10290012	8.37	241 3-	1/0 ACSR 6/1	866	769	612	161	1312	60	26	0.31	10.36	227
11220042	11220018	8.40	241 3-	1/0 ACSR 6/1	863	766	610	160	1310	60	26	0.06	10.39	40
D11-22-P071	11220042	8.40	241 3-	REC-70-4H	863	766	610	160	1310	60	86	0.00	10.39	0
11220041	D11-22-P071	8.44	241 3-	1/0 ACSR 6/1	858	762	606	160	1310	60	26	0.07	10.43	52
11220017	11220041	8.50	240 3-	1/0 ACSR 6/1	851	756	602	160	1308	60	26	0.10	10.48	72
11220021	11220017	8.56	239 3-	1/0 ACSR 6/1	845	750	597	160	1307	59	26	0.10	10.53	71
11120034	11220021	8.72	234 3-	1/0 ACSR 6/1	828	735	586	159	1281	58	26	0.27	10.68	191
11120035	11120034	8.78	233 3-	1/0 ACSR 6/1	822	729	581	159	1272	58	25	0.11	10.74	77
11120029	11120035	8.94	232 3-	1/0 ACSR 6/1	806	714	570	158	1262	58	25	0.26	10.88	186
11120036	11120029	8.96	232 3-	1/0 ACSR 6/1	804	712	568	158	1261	58	25	0.04	10.90	28
11120037	11120036	9.00	232 3-	1/0 ACSR 6/1	800	709	566	158	1260	58	25	0.07	10.94	49
11120031	11120037	9.08	103 3-	1/0 ACSR 6/1	792	702	560	157	616	28	12	0.09	10.97	31
11120039	11120031	9.15	1 1-	2 ACSR 6/1	0	0	555	157	8	1	1	0.00	11.54	0
11120030	11120031	9.33	102 3-	1/0 ACSR 6/1	769	680	544	156	609	28	12	0.28	11.08	98
11120019	11120030	9.48	44 1-	2 ACSR 6/1	0	0	533	155	254	35	20	0.14	12.34	32
D11-12-P006	11120019	9.48	43 1-	REC-35-H	0	0	533	155	249	34	99	0.00	12.34	0
11120020	D11-12-P006	9.56	43 1-	2 ACSR 6/1	0	0	527	155	249	34	19	0.09	12.43	19
11120040	11120020	9.75	43 1-	2 ACSR 6/1	0	0	514	154	249	34	19	0.18	12.61	39
11020013	11120040	9.87	36 1-	2 ACSR 6/1	0	0	506	153	199	27	15	0.08	12.69	14
11020011	11020013	10.07	32 1-	2 ACSR 6/1	0	0	493	152	175	24	14	0.14	12.83	21
11020012	11020011	10.24	31 1-	2 ACSR 6/1	0	0	483	151	164	23	13	0.11	12.94	16
5920008	11020012	10.30	2 1-	2 ACSR 6/1	0	0	479	150	17	2	1	0.00	12.94	0
5920006	11020012	10.48	29 1-	2 ACSR 6/1	0	0	469	149	146	20	11	0.14	13.08	17
5920007	5920006	10.78	28 1-	2 ACSR 6/1	0	0	452	148	142	19	11	0.17	13.25	21
5820022	5920007	10.89	23 1-	2 ACSR 6/1	0	0	446	147	123	17	10	0.05	13.30	5
5820023	5820022	11.03	21 1-	2 ACSR 6/1	0	0	439	146	116	16	9	0.07	13.37	7
5820010	5820023	11.06	0 1-	2 ACSR 6/1	0	0	437	146	0	0	0	0.00	13.37	0
5820019	5820023	11.22	21 1-	2 ACSR 6/1	0	0	430	145	116	16	9	0.09	13.45	9
D05-82-P041	5820019	11.22	10 1-	SEC-35-GH	0	0	430	145	61	8	0	0.00	13.45	0
5820011	D05-82-P041	11.45	10 1-	2 ACSR 6/1	0	0	419	144	61	8	5	0.06	13.51	3
5820033	5820011	11.50	0 1-	2 ACSR 6/1	0	0	417	144	0	0	0	0.00	13.51	0
5820034	5820033	11.56	0 1-	2 ACSR 6/1	0	0	414	143	0	0	0	0.00	13.51	0
5820020	5820034	11.71	0 1-	2 ACSR 6/1	0	0	407	143	0	0	0	0.00	13.51	0
5820028	5820011	11.59	10 1-	2 ACSR 6/1	0	0	412	143	61	8	5	0.03	13.54	2
5820029	5820028	11.66	0 1-	2 ACSR 6/1	0	0	409	143	0	0	0	0.00	13.54	0
5820026	5820029	11.74	0 1-	2 ACSR 6/1	0	0	406	142	0	0	0	0.00	13.54	0
5820027	5820028	11.80	8 1-	2 ACSR 6/1	0	0	403	142	51	7	4	0.04	13.58	2
5720029	5820027	11.94	5 1-	2 ACSR 6/1	0	0	397	141	25	3	2	0.01	13.60	0
5720030	5720029	11.98	3 1-	2 ACSR 6/1	0	0	396	141	18	2	1	0.00	13.60	0
5720035	5720030	12.03	3 1-	2 ACSR 6/1	0	0	394	141	18	2	1	0.00	13.60	0
5720036	5720035	12.09	2 1-	2 ACSR 6/1	0	0	391	141	17	2	1	0.00	13.60	0
5720028	5820027	12.03	3 1-	2 ACSR 6/1	0	0	394	141	26	3	2	0.02	13.61	0
5720015	5720028	12.15	0 1-	2 ACSR 6/1	0	0	389	140	0	0	0	0.00	13.61	0
5720016	5720015	12.20	0 1-	2 ACSR 6/1	0	0	387	140	0	0	0	0.00	13.61	0
5720012	5720016	12.25	0 1-	2 ACSR 6/1	0	0	385	140	0	0	0	0.00	13.61	0
5720011	5720016	12.27	0 1-	2 ACSR 6/1	0	0	384	140	0	0	0	0.00	13.61	0
5720013	5720028	12.07	3 1-	2 ACSR 6/1	0	0	392	141	26	3	2	0.00	13.61	0
5720017	5720013	12.13	2 1-	2 ACSR 6/1	0	0	390	140	19	2	2	0.00	13.62	0
5720018	5720017	12.18	1 1-	2 ACSR 6/1	0	0	388	140	10	1	1	0.00	13.62	0
5820030	5820019	12.20	10 1-	2 ACSR 6/1	0	0	387	140	53	7	4	0.19	13.65	9
5830004	5820030	12.25	9 1-	2 ACSR 6/1	0	0	385	140	46	6	4	0.01	13.66	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
5830010	5830004	12.52	6 1-	2 ACSR 6/1	0	0	374	138	35	4	3	0.03	13.69	0
5830011	5830010	12.55	5 1-	2 ACSR 6/1	0	0	373	138	26	3	2	0.00	13.69	0
5830003	5830011	12.83	4 1-	2 ACSR 6/1	0	0	363	137	20	2	2	0.02	13.71	0
5730006	5830003	13.20	3 1-	2 ACSR 6/1	0	0	351	135	14	1	1	0.01	13.72	0
5830008	5830004	12.52	2 1-	2 ACSR 6/1	0	0	374	138	8	1	1	0.01	13.66	0
5830009	5830008	12.63	1 1-	2 ACSR 6/1	0	0	370	138	2	0	0	0.00	13.66	0
5730007	5830009	12.91	0 1-	2 ACSR 6/1	0	0	360	137	0	0	0	0.00	13.66	0
5730005	5730007	12.96	0 1-	2 ACSR 6/1	0	0	359	136	0	0	0	0.00	13.66	0
5820021	5920007	10.86	5 1-	2 ACSR 6/1	0	0	448	147	19	2	2	0.01	13.26	0
5820024	5820021	10.93	3 1-	2 ACSR 6/1	0	0	444	147	15	2	1	0.00	13.26	0
5820025	5820024	11.02	2 1-	2 ACSR 6/1	0	0	439	146	5	0	0	0.00	13.26	0
11020009	11120040	9.86	6 1-	2 ACSR 6/1	0	0	507	153	39	5	3	0.02	12.63	0
11020008	11020009	9.90	1 1-	2 ACSR 6/1	0	0	504	153	8	1	1	0.00	12.63	0
11020010	11020009	9.96	4 1-	2 ACSR 6/1	0	0	500	152	30	4	2	0.01	12.64	0
11020014	11020010	10.02	2 1-	2 ACSR 6/1	0	0	497	152	17	2	1	0.00	12.64	0
11120043	11120020	9.71	0 1-	2 ACSR 6/1	0	0	517	154	0	0	0	0.00	12.43	0
11120046	11120019	9.52	1 1-	2 ACSR 6/1	0	0	531	155	5	0	0	0.00	12.34	0
11120021	11120030	9.36	58 3-	1/0 ACSR 6/1	0	0	542	156	354	16	7	0.01	11.09	3
D11-12-P062	11120021	9.36	58 3-	RBC-35-H	0	0	542	156	354	16	47	0.00	11.09	0
11120022	D11-12-P062	9.43	58 3-	1/0 ACSR 6/1	0	0	537	156	354	16	7	0.03	11.11	9
11120025	11120022	9.75	57 3-	1/0 ACSR 6/1	0	0	514	154	347	16	7	0.14	11.18	39
D10-09-P010	11120025	9.75	32 1-	SEC-25-GH	0	0	514	154	213	29	0	0.00	11.77	0
10090020	D10-09-P010	9.95	32 1-	2 ACSR 6/1	0	0	501	153	213	29	16	0.17	11.93	30
10090021	10090020	10.00	30 1-	2 ACSR 6/1	0	0	498	152	197	27	15	0.04	11.97	6
10090022	10090021	10.04	29 1-	2 ACSR 6/1	0	0	495	152	189	26	15	0.03	12.00	5
10090023	10090022	10.07	29 1-	2 ACSR 6/1	0	0	493	152	189	26	15	0.02	12.02	4
10090028	10090023	10.18	27 1-	2 ACSR 6/1	0	0	487	151	176	24	14	0.07	12.09	10
10090033	10090028	10.24	23 1-	2 ACSR 6/1	0	0	483	151	149	20	12	0.03	12.13	4
10090029	10090033	10.28	21 1-	2 ACSR 6/1	0	0	480	151	138	19	11	0.02	12.15	3
10090025	10090029	10.30	3 1-	2 ACSR 6/1	0	0	479	150	19	2	1	0.00	12.15	0
10090026	10090025	10.38	2 1-	2 ACSR 6/1	0	0	474	150	16	2	1	0.00	12.15	0
10090024	10090029	10.33	17 1-	2 ACSR 6/1	0	0	477	150	105	14	8	0.02	12.17	2
10090027	10090024	10.45	1 1-	2 ACSR 6/1	0	0	470	150	2	0	0	0.00	12.17	0
10090032	10090024	10.37	16 1-	2 ACSR 6/1	0	0	475	150	103	14	8	0.01	12.18	1
10190007	10090032	10.52	15 1-	2 ACSR 6/1	0	0	466	149	98	13	8	0.06	12.24	5
10190005	10190007	10.62	15 1-	2 ACSR 6/1	0	0	461	149	98	13	8	0.04	12.28	3
10090035	10190005	10.79	14 1-	2 ACSR 6/1	0	0	452	148	89	12	7	0.06	12.34	4
10080018	10090035	10.83	13 1-	2 ACSR 6/1	0	0	449	147	82	11	6	0.01	12.35	0
10080019	10080018	10.88	12 1-	2 ACSR 6/1	0	0	447	147	71	9	5	0.01	12.36	0
10080010	10080019	10.91	1 1-	2 ACSR 6/1	0	0	445	147	3	0	0	0.00	12.36	0
10080008	10080019	11.02	11 1-	2 ACSR 6/1	0	0	439	146	68	9	5	0.03	12.40	2
10080009	10080008	11.10	9 1-	2 ACSR 6/1	0	0	436	146	53	7	4	0.01	12.41	0
10080007	10080009	11.13	8 1-	2 ACSR 6/1	0	0	434	146	42	5	3	0.00	12.42	0
10080013	10080007	11.18	6 1-	2 ACSR 6/1	0	0	432	146	30	4	2	0.01	12.42	0
10080014	10080013	11.25	5 1-	2 ACSR 6/1	0	0	428	145	30	4	2	0.01	12.43	0
10080012	10080014	11.32	2 1-	2 ACSR 6/1	0	0	425	145	9	1	1	0.00	12.43	0
10080020	10080012	11.49	1 1-	2 ACSR 6/1	0	0	417	144	3	0	0	0.00	12.43	0
10080011	10080014	11.30	1 1-	2 ACSR 6/1	0	0	426	145	10	1	1	0.00	12.43	0
10080006	10080011	11.36	1 1-	2 ACSR 6/1	0	0	423	145	10	1	1	0.00	12.43	0
10080005	10080007	11.25	1 1-	2 ACSR 6/1	0	0	428	145	2	0	0	0.00	12.42	0
10190008	10190007	10.64	0 1-	2 ACSR 6/1	0	0	460	149	0	0	0	0.00	12.24	0
10090019	10090023	10.21	2 1-	2 ACSR 6/1	0	0	485	151	13	1	1	0.00	12.03	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10090031	10090019	10.33	1 1-	2 ACSR 6/1	0	0	477	150	4	0	0	0.00	12.03	0
10090030	11120025	10.34	23 1-	2 ACSR 6/1	0	0	477	150	123	17	10	0.28	12.66	30
4990004	10090030	10.41	21 1-	2 ACSR 6/1	0	0	473	150	116	16	9	0.03	12.69	3
4990005	4990004	10.47	22 1-	2 ACSR 6/1	0	0	469	149	111	15	9	0.03	12.72	3
4990006	4990005	10.86	20 1-	2 ACSR 6/1	0	0	448	147	105	14	8	0.16	12.88	15
4890021	4990006	10.97	20 1-	2 ACSR 6/1	0	0	442	147	105	14	8	0.05	12.92	4
4890022	4890021	11.07	1 1-	2 ACSR 6/1	0	0	437	146	8	1	1	0.00	12.93	0
4890018	4890021	11.02	19 1-	2 ACSR 6/1	0	0	439	146	97	13	8	0.02	12.94	2
D04-89-P022	4890018	11.02	4 1-	FUS	0	0	439	146	7	0	22	0.00	12.94	0
4890032	D04-89-P022	11.15	4 1-	2 ACSR 6/1	0	0	433	146	7	0	1	0.00	12.95	0
4890027	4890032	11.25	2 1-	2 ACSR 6/1	0	0	428	145	7	0	1	0.00	12.95	0
4890023	4890027	11.38	2 1-	2 ACSR 6/1	0	0	422	144	7	0	1	0.00	12.95	0
4890024	4890023	11.61	1 1-	2 ACSR 6/1	0	0	412	143	0	0	0	0.00	12.95	0
4890030	4890024	11.68	1 1-	2 ACSR 6/1	0	0	408	143	0	0	0	0.00	12.95	0
4890025	4890024	11.68	0 1-	2 ACSR 6/1	0	0	408	143	0	0	0	0.00	12.95	0
4890028	4890018	11.12	15 1-	2 ACSR 6/1	0	0	435	146	90	12	7	0.03	12.98	3
4890029	4890028	11.31	14 1-	2 ACSR 6/1	0	0	425	145	87	12	7	0.06	13.04	5
4890014	4890029	11.34	1 1-	2 ACSR 6/1	0	0	424	145	5	0	0	0.00	13.04	0
4890019	4890029	11.44	13 1-	2 ACSR 6/1	0	0	419	144	82	11	6	0.04	13.09	3
4890015	4890019	11.68	6 1-	2 ACSR 6/1	0	0	408	143	43	6	3	0.04	13.12	1
4890016	4890015	11.87	5 1-	2 ACSR 6/1	0	0	400	142	35	4	3	0.02	13.15	0
4890017	4890016	12.05	4 1-	2 ACSR 6/1	0	0	393	141	29	4	2	0.02	13.17	0
5720014	4890017	12.15	3 1-	2 ACSR 6/1	0	0	389	140	25	3	2	0.01	13.18	0
5720033	5720014	12.27	3 1-	2 ACSR 6/1	0	0	384	140	25	3	2	0.01	13.19	0
5720031	5720033	12.36	2 1-	2 ACSR 6/1	0	0	381	139	11	1	1	0.00	13.19	0
5720032	5720031	12.41	1 1-	2 ACSR 6/1	0	0	379	139	9	1	1	0.00	13.19	0
5720034	5720032	12.48	0 1-	2 ACSR 6/1	0	0	376	139	0	0	0	0.00	13.19	0
4890012	4890019	11.54	7 1-	2 ACSR 6/1	0	0	415	144	38	5	3	0.01	13.10	0
D04-89-P004	4890012	11.54	4 1-	FUS	0	0	415	144	23	3	75	0.00	13.10	0
4890031	D04-89-P004	12.23	4 1-	2 ACSR 6/1	0	0	385	140	23	3	2	0.06	13.16	1
4790004	4890031	12.37	3 1-	2 ACSR 6/1	0	0	380	139	19	2	1	0.01	13.17	0
4790007	4790004	12.47	3 1-	2 ACSR 6/1	0	0	376	139	19	2	1	0.01	13.18	0
4790008	4790007	12.54	2 1-	2 ACSR 6/1	0	0	374	138	17	2	1	0.00	13.18	0
4790006	4790008	12.59	1 1-	2 ACSR 6/1	0	0	372	138	14	1	1	0.00	13.18	0
4790005	4790008	12.59	1 1-	2 ACSR 6/1	0	0	372	138	4	0	0	0.00	13.18	0
4890020	4890012	12.14	3 1-	2 ACSR 6/1	0	0	389	140	15	2	1	0.03	13.13	0
4790009	4890020	12.22	2 1-	2 ACSR 6/1	0	0	386	140	11	1	1	0.00	13.14	0
4790010	4790009	12.33	1 1-	2 ACSR 6/1	0	0	382	139	4	0	0	0.00	13.14	0
11120027	11120022	9.48	1 1-	2 ACSR 6/1	0	0	533	155	7	0	1	0.00	9.45	0
11120032	11120031	9.15	0 1-	2 ACSR 6/1	0	0	555	157	0	0	0	0.00	9.45	0
11120018	11120037	9.37	129 3-	1/0 ACSR 6/1	766	678	542	156	644	29	13	0.21	11.11	108
11120047	11120018	9.47	128 3-	1/0 ACSR 6/1	757	670	536	156	634	29	13	0.05	11.15	28
11120048	11120047	9.56	128 3-	1/0 ACSR 6/1	749	662	530	155	634	29	13	0.05	11.19	27
11120042	11120048	9.67	3 1-	2 ACSR 6/1	0	0	522	155	9	1	1	0.00	12.14	0
11120017	11120048	9.73	125 3-	1/0 ACSR 6/1	735	649	520	155	625	28	13	0.09	11.27	47
11120038	11120017	9.95	121 3-	1/0 ACSR 6/1	717	633	508	154	599	27	12	0.10	11.36	56
11130035	11120038	10.13	121 3-	1/0 ACSR 6/1	703	621	498	153	599	27	12	0.08	11.44	45
D11-13-P004	11130035	10.13	8 1-	FUS	0	0	498	153	38	5	118	0.00	10.25	0
11130049	D11-13-P004	10.24	8 1-	2 ACSR 6/1	0	0	492	152	38	5	3	0.01	10.26	0
11130031	11130049	10.29	7 1-	2 ACSR 6/1	0	0	488	152	27	3	2	0.00	10.27	0
11130051	11130031	10.46	5 1-	2 ACSR 6/1	0	0	478	151	14	1	1	0.01	10.27	0
11130052	11130051	10.61	5 1-	2 ACSR 6/1	0	0	469	150	14	1	1	0.01	10.28	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11230007	11130052	10.68	4 1-	2 ACSR 6/1	0	0	465	150	12	1	1	0.00	10.28	0
11230008	11230007	10.76	2 1-	2 ACSR 6/1	0	0	461	149	3	0	0	0.00	10.29	0
11230009	11230008	10.86	2 1-	2 ACSR 6/1	0	0	455	149	3	0	0	0.00	10.29	0
11230017	11230009	10.98	1 1-	2 ACSR 6/1	0	0	449	148	2	0	0	0.00	10.29	0
11230018	11230017	11.01	1 1-	2 ACSR 6/1	0	0	448	148	2	0	0	0.00	10.29	0
11130032	11130035	10.23	113 3-	1/0 ACSR 6/1	696	614	493	152	560	25	11	0.05	11.48	21
11130033	11130032	10.40	111 3-	1/0 ACSR 6/1	684	603	484	152	558	25	11	0.08	11.55	36
11130026	11130033	10.55	111 3-	1/0 ACSR 6/1	673	594	477	151	557	25	11	0.07	11.61	33
11130036	11130026	10.60	48 1-	2 ACSR 6/1	0	0	474	151	213	29	16	0.04	10.53	7
D11-13-P045	11130036	10.60	47 1-	SEC-50-GH	0	0	474	151	212	29	0	0.00	10.53	0
11130050	D11-13-P045	11.20	47 1-	2 ACSR 6/1	0	0	441	147	212	29	16	0.49	11.02	87
11030008	11130050	11.29	45 1-	2 ACSR 6/1	0	0	437	147	200	27	15	0.07	11.09	11
11030007	11030008	11.34	43 1-	2 ACSR 6/1	0	0	435	147	188	26	14	0.03	11.12	5
11030013	11030007	11.38	42 1-	2 ACSR 6/1	0	0	433	146	182	25	14	0.03	11.15	5
11030014	11030013	11.42	40 1-	2 ACSR 6/1	0	0	430	146	176	24	13	0.03	11.18	5
11030011	11030014	11.47	37 1-	2 ACSR 6/1	0	0	428	146	172	23	13	0.04	11.22	5
11030012	11030011	11.53	1 1-	2 ACSR 6/1	0	0	425	145	7	0	1	0.00	11.22	0
11030009	11030011	11.57	36 1-	2 ACSR 6/1	0	0	424	145	165	22	13	0.06	11.28	8
11040007	11030009	11.72	35 1-	2 ACSR 6/1	0	0	416	144	161	22	12	0.09	11.37	13
11040008	11040007	11.81	32 1-	2 ACSR 6/1	0	0	413	144	150	20	12	0.05	11.42	6
11040006	11040008	11.97	31 1-	2 ACSR 6/1	0	0	405	143	145	20	11	0.09	11.51	11
5940006	11040006	12.26	30 1-	2 ACSR 6/1	0	0	393	142	140	19	11	0.15	11.67	18
5940007	5940006	12.33	29 1-	2 ACSR 6/1	0	0	391	141	135	18	10	0.04	11.70	4
5940005	5940007	12.44	24 1-	2 ACSR 6/1	0	0	386	141	123	17	9	0.05	11.76	6
5840005	5940005	12.60	22 1-	2 ACSR 6/1	0	0	380	140	120	16	9	0.08	11.83	8
5840007	5840005	12.77	20 1-	2 ACSR 6/1	0	0	374	139	117	16	9	0.08	11.91	7
5840011	5840007	12.86	19 1-	2 ACSR 6/1	0	0	370	138	108	15	8	0.04	11.95	4
5840012	5840011	13.05	17 1-	2 ACSR 6/1	0	0	363	138	104	14	8	0.07	12.02	7
5840008	5840012	13.13	16 1-	2 ACSR 6/1	0	0	361	137	97	13	8	0.03	12.05	3
05-84-P019-B	5840008	13.13	16 1-	Closed	0	0	361	137	97	13	0	0.00	12.05	0
05-84-P019-A	05-84-P019-B	13.13	16 1-	Closed	0	0	315	130	97	13	0	0.00	12.05	0
5850015	05-84-P019-A	13.49	16 1-	2 ACSR 6/1	0	0	315	130	97	13	8	0.14	12.19	12
5950021	5850015	13.95	16 1-	2 ACSR 6/1	0	0	325	132	97	13	8	0.16	12.35	13
5950023	5950021	13.99	9 1-	2 ACSR 6/1	0	0	337	134	59	8	5	0.01	12.36	0
5950017	5950023	14.08	9 1-	2 ACSR 6/1	0	0	334	133	59	8	5	0.02	12.38	0
5850016	5950017	14.18	8 1-	2 ACSR 6/1	0	0	331	133	57	8	4	0.02	12.41	0
5850017	5850016	14.29	7 1-	2 ACSR 6/1	0	0	328	132	54	7	4	0.02	12.43	0
5850018	5850017	14.35	6 1-	2 ACSR 6/1	0	0	326	132	47	6	4	0.01	12.44	0
5850019	5850018	14.45	5 1-	2 ACSR 6/1	0	0	324	132	45	6	3	0.02	12.45	0
5850020	5850019	14.49	4 1-	2 ACSR 6/1	0	0	323	131	36	4	3	0.01	12.46	0
5850024	5850020	14.89	2 1-	2 ACSR 6/1	0	0	312	130	24	3	2	0.02	12.48	0
5850025	5850024	15.00	1 1-	2 ACSR 6/1	0	0	309	129	1	0	0	0.00	12.48	0
5860003	5850025	15.07	0 1-	2 ACSR 6/1	0	0	307	129	0	0	0	0.00	12.48	0
5850021	5850020	14.53	2 1-	2 ACSR 6/1	0	0	322	131	11	1	1	0.00	12.46	0
5850027	5850021	14.63	1 1-	2 ACSR 6/1	0	0	319	131	3	0	0	0.00	12.46	0
5850026	5850027	14.81	1 1-	2 ACSR 6/1	0	0	314	130	3	0	0	0.00	12.46	0
5950022	5950021	14.12	5 1-	2 ACSR 6/1	0	0	338	134	25	3	2	0.02	12.37	0
5950020	5950022	14.16	4 1-	2 ACSR 6/1	0	0	344	135	22	3	2	0.00	12.37	0
5950019	5950020	14.21	3 1-	2 ACSR 6/1	0	0	345	135	18	2	1	0.00	12.38	0
5950018	5950019	14.30	3 1-	2 ACSR 6/1	0	0	346	135	18	2	1	0.00	12.38	0
11050041	5950018	14.45	2 1-	2 ACSR 6/1	0	0	349	136	7	0	1	0.00	12.38	0
11050039	11050041	14.53	1 1-	2 ACSR 6/1	0	0	354	136	3	0	0	0.00	12.38	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
5950009	5950020	14.27	0 1-	2 ACSR 6/1	0	0	341	134	0	0	0	0.00	12.37	0
5840006	5840005	12.92	2 1-	2 ACSR 6/1	0	0	368	138	3	0	0	0.00	11.83	0
11030010	11030007	11.35	1 1-	2 ACSR 6/1	0	0	434	146	6	0	0	0.00	11.12	0
11130024	11130026	10.63	63 3-	1/0 ACSR 6/1	667	588	473	151	344	16	7	0.06	11.63	13
11130027	11130024	10.73	62 3-	1/0 ACSR 6/1	661	582	468	150	342	15	7	0.07	11.65	14
11130028	11130027	10.77	61 3-	1/0 ACSR 6/1	658	580	467	150	334	15	7	0.03	11.66	5
11130029	11130028	10.82	60 3-	1/0 ACSR 6/1	655	577	464	150	331	15	7	0.04	11.67	7
D11-13-P017A	11130029	10.82	42 1-	REC-35-H	0	0	464	150	242	33	97	0.00	12.79	0
11130041	D11-13-P017A	11.00	42 1-	2 ACSR 6/1	0	0	454	149	242	33	19	0.17	12.97	36
11130043	11130041	11.06	36 1-	2 ACSR 6/1	0	0	451	148	224	31	17	0.06	13.02	11
11130044	11130043	11.12	35 1-	2 ACSR 6/1	0	0	448	148	218	30	17	0.05	13.07	9
11130046	11130044	11.26	34 1-	2 ACSR 6/1	0	0	441	147	210	29	16	0.11	13.18	21
11140036	11130046	11.32	34 1-	2 ACSR 6/1	0	0	438	147	210	29	16	0.05	13.24	10
11140037	11140036	11.37	33 1-	2 ACSR 6/1	0	0	435	147	205	28	16	0.04	13.28	7
11140038	11140037	11.43	30 1-	2 ACSR 6/1	0	0	432	146	185	26	14	0.04	13.32	7
11140042	11140038	11.71	28 1-	2 ACSR 6/1	0	0	419	145	167	23	13	0.19	13.51	28
11140044	11140042	11.78	0 1-	2 ACSR 6/1	0	0	416	145	0	0	0	0.00	13.51	0
11140043	11140042	11.80	28 1-	2 ACSR 6/1	0	0	415	144	167	23	13	0.06	13.56	8
11140026	11140043	11.85	27 1-	2 ACSR 6/1	0	0	413	144	163	22	13	0.04	13.60	5
11140027	11140026	12.07	26 1-	2 ACSR 6/1	0	0	403	143	154	21	12	0.13	13.73	17
11140028	11140027	12.20	25 1-	2 ACSR 6/1	0	0	398	142	143	20	11	0.07	13.80	9
11140031	11140028	12.26	23 1-	2 ACSR 6/1	0	0	395	142	136	19	11	0.03	13.83	4
11140033	11140031	12.30	1 1-	2 ACSR 6/1	0	0	394	142	8	1	1	0.00	13.83	0
11140032	11140031	12.40	22 1-	2 ACSR 6/1	0	0	390	141	129	18	10	0.07	13.90	8
11140017	11140032	12.58	20 1-	2 ACSR 6/1	0	0	383	140	119	16	9	0.09	13.99	9
11140024	11140017	12.63	2 1-	2 ACSR 6/1	0	0	381	140	8	1	1	0.00	13.99	0
11140018	11140017	12.81	18 1-	2 ACSR 6/1	0	0	374	139	111	15	9	0.10	14.09	10
11050033	11140018	12.92	17 1-	2 ACSR 6/1	0	0	370	139	108	15	8	0.05	14.14	4
11050034	11050033	12.98	16 1-	2 ACSR 6/1	0	0	368	138	99	13	8	0.02	14.16	2
11050035	11050034	13.01	14 1-	2 ACSR 6/1	0	0	367	138	93	13	7	0.01	14.17	0
11050036	11050035	13.18	12 1-	2 ACSR 6/1	0	0	361	137	71	10	6	0.05	14.21	3
11050037	11050036	13.29	11 1-	2 ACSR 6/1	0	0	357	137	60	8	5	0.03	14.24	1
11050042	11050037	13.38	10 1-	2 ACSR 6/1	0	0	354	136	54	7	4	0.02	14.25	0
11050043	11050042	13.46	9 1-	2 ACSR 6/1	0	0	351	136	49	6	4	0.01	14.27	0
11050040	11050043	13.49	8 1-	2 ACSR 6/1	0	0	350	136	40	5	3	0.00	14.27	0
D11-05-P027	11050040	13.49	7 1-	SEC-35-GH	0	0	350	136	33	4	0	0.00	14.27	0
11050044	D11-05-P027	13.57	7 1-	2 ACSR 6/1	0	0	348	135	33	4	3	0.01	14.28	0
11050045	11050044	13.64	5 1-	2 ACSR 6/1	0	0	346	135	20	2	2	0.00	14.29	0
11050051	11050045	13.83	3 1-	2 ACSR 6/1	0	0	340	134	11	1	1	0.01	14.29	0
11050053	11050051	14.14	0 1-	15 KV 2 URD XLP	0	0	330	218	0	0	0	0.00	14.29	0
5950026	11050053	14.38	0 1-	2 ACSR 6/1	0	0	323	131	0	0	0	0.00	14.29	0
5950027	5950026	14.49	0 1-	15 KV 2 URD XLP	0	0	320	213	0	0	0	0.00	14.29	0
11050052	11050051	13.90	3 1-	2 ACSR 6/1	0	0	337	134	11	1	1	0.00	14.30	0
11050047	11050052	14.11	2 1-	2 ACSR 6/1	0	0	331	133	7	0	1	0.00	14.30	0
11060001	11050047	14.33	1 1-	2 ACSR 6/1	0	0	325	132	0	0	0	0.00	14.30	0
11060002	11060001	14.43	1 1-	2 ACSR 6/1	0	0	322	131	0	0	0	0.00	14.30	0
11050046	11050045	13.68	2 1-	2 ACSR 6/1	0	0	344	135	9	1	1	0.00	14.29	0
11050038	11050037	13.34	1 1-	2 ACSR 6/1	0	0	355	136	6	0	0	0.00	14.24	0
11050032	11140018	12.84	1 1-	2 ACSR 6/1	0	0	373	139	3	0	0	0.00	14.09	0
11140034	11140032	12.43	2 1-	2 ACSR 6/1	0	0	388	141	10	1	1	0.00	13.90	0
11140025	11140043	11.83	1 1-	2 ACSR 6/1	0	0	413	144	4	0	0	0.00	13.56	0
11140035	11140038	11.47	2 1-	2 ACSR 6/1	0	0	430	146	18	2	1	0.00	13.32	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11140029	11140035	11.52	1 1-	2 ACSR 6/1	0	0	428	146	12	1	1	0.00	13.32	0
11140030	11140029	11.56	1 1-	2 ACSR 6/1	0	0	426	146	12	1	1	0.00	13.32	0
11130045	11130044	11.15	1 1-	2 ACSR 6/1	0	0	447	148	7	1	1	0.00	13.07	0
11130042	11130041	11.12	2 1-	2 ACSR 6/1	0	0	448	148	7	0	1	0.00	12.97	0
D11-13-P017	11130029	10.82	17 1-	SEC-50-GH	0	0	464	150	81	11	0	0.00	11.72	0
11130025	D11-13-P017	11.10	17 1-	2 ACSR 6/1	0	0	449	148	81	11	6	0.09	11.81	6
11130038	11130025	11.14	15 1-	2 ACSR 6/1	0	0	447	148	74	10	6	0.01	11.82	0
11130039	11130038	11.17	14 1-	2 ACSR 6/1	0	0	445	148	67	9	5	0.01	11.83	0
11130040	11130039	11.21	2 1-	2 ACSR 6/1	0	0	443	148	3	0	0	0.00	11.83	0
11130047	11130039	11.26	12 1-	2 ACSR 6/1	0	0	441	147	64	8	5	0.02	11.85	1
11230010	11130047	11.30	11 1-	2 ACSR 6/1	0	0	439	147	58	8	4	0.01	11.86	0
11230011	11230010	11.32	10 1-	2 ACSR 6/1	0	0	438	147	48	6	4	0.00	11.86	0
11230012	11230011	11.39	6 1-	2 ACSR 6/1	0	0	434	147	38	5	3	0.01	11.87	0
11240009	11230012	11.43	3 1-	2 ACSR 6/1	0	0	432	146	21	2	2	0.00	11.87	0
11240010	11240009	11.51	2 1-	2 ACSR 6/1	0	0	429	146	11	1	1	0.00	11.88	0
11240006	11240010	11.60	1 1-	2 ACSR 6/1	0	0	424	145	2	0	0	0.00	11.88	0
11240007	11240006	11.76	1 1-	2 ACSR 6/1	0	0	417	145	2	0	0	0.00	11.88	0
11-24-P014-B	11240007	11.76	1 1-	Closed	0	0	417	145	2	0	0	0.00	11.88	0
11-24-P014-A	11-24-P014-B	11.76	1 1-	Closed	0	0	417	145	2	0	0	0.00	11.88	0
11240008	11-24-P014-A	12.48	1 1-	2 ACSR 6/1	0	0	387	141	2	0	0	0.01	11.88	0
11240011	11240008	12.55	1 1-	2 ACSR 6/1	0	0	384	140	2	0	0	0.00	11.88	0
11130037	11130025	11.12	2 1-	2 ACSR 6/1	0	0	448	148	7	0	1	0.00	11.81	0
11130030	11130029	10.91	1 1-	2 ACSR 6/1	0	0	459	149	8	1	1	0.00	11.72	0
11130034	11130024	10.66	1 1-	2 ACSR 6/1	0	0	471	151	2	0	0	0.00	11.72	0
11120044	11120017	9.90	4 1-	2 ACSR 6/1	0	0	508	153	25	3	2	0.01	12.24	0
11120045	11120044	9.95	3 1-	2 ACSR 6/1	0	0	505	153	17	2	1	0.00	12.24	0
11120028	11120045	9.99	1 1-	2 ACSR 6/1	0	0	503	153	0	0	0	0.00	12.24	0
11120041	11120018	9.45	1 1-	2 ACSR 6/1	0	0	535	156	8	1	1	0.00	12.04	0
11120033	11220021	8.63	2 1-	2 ACSR 6/1	0	0	591	159	12	1	1	0.00	9.14	0
11120026	11220021	8.70	3 1-	2 ACSR 6/1	0	0	585	159	13	1	1	0.01	11.39	0
10190006	11120026	8.76	2 1-	2 ACSR 6/1	0	0	580	158	11	1	1	0.00	11.39	0
11220014	10290012	8.20	27 1-	2 ACSR 6/1	0	0	625	161	136	18	10	0.01	8.87	0
D11-22-P058	11220014	8.20	27 1-	RBC-35-H	0	0	625	161	136	18	53	0.00	8.87	0
11220039	D11-22-P058	8.22	27 1-	2 ACSR 6/1	0	0	604	160	136	18	10	0.12	8.99	13
10290053	11220039	8.53	1 1-	2 ACSR 6/1	0	0	595	159	12	1	1	0.00	8.99	0
10290054	11220039	8.54	26 1-	2 ACSR 6/1	0	0	594	159	124	16	9	0.05	9.04	6
10290044	10290054	8.58	26 1-	2 ACSR 6/1	0	0	590	159	124	16	9	0.02	9.06	2
10290045	10290044	8.62	25 1-	2 ACSR 6/1	0	0	587	159	118	16	9	0.02	9.08	2
10290046	10290045	8.65	24 1-	2 ACSR 6/1	0	0	584	158	117	15	9	0.01	9.09	1
10290042	10290046	8.72	22 1-	2 ACSR 6/1	0	0	578	158	102	13	8	0.03	9.12	2
10290043	10290042	8.77	20 1-	2 ACSR 6/1	0	0	573	158	93	12	7	0.02	9.14	1
10290041	10290043	8.81	14 1-	2 ACSR 6/1	0	0	570	157	76	10	6	0.01	9.15	0
10290020	10290041	8.88	12 1-	2 ACSR 6/1	0	0	565	157	68	9	5	0.02	9.17	0
10290024	10290020	8.93	10 1-	2 ACSR 6/1	0	0	561	157	65	8	5	0.01	9.18	0
10290026	10290024	8.99	9 1-	2 ACSR 6/1	0	0	556	156	62	8	5	0.01	9.19	0
10290022	10290026	9.09	6 1-	2 ACSR 6/1	0	0	548	156	36	4	3	0.01	9.20	0
10290027	10290022	9.18	5 1-	2 ACSR 6/1	0	0	541	155	30	4	2	0.01	9.21	0
10290033	10290027	9.22	4 1-	2 ACSR 6/1	0	0	538	155	27	3	2	0.00	9.22	0
10290031	10290033	9.33	3 1-	2 ACSR 6/1	0	0	530	154	14	1	1	0.01	9.22	0
10290055	10290031	9.37	2 1-	2 ACSR 6/1	0	0	527	154	11	1	1	0.00	9.23	0
10290056	10290055	9.59	1 1-	2 ACSR 6/1	0	0	512	153	8	1	1	0.00	9.23	0
10290028	10290031	9.40	1 1-	2 ACSR 6/1	0	0	524	154	4	0	0	0.00	9.22	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10290032	10290027	9.47	1 1-	2 ACSR 6/1	0	0	520	153	3	0	0	0.00	9.22	0
10290021	10290026	9.04	2 1-	2 ACSR 6/1	0	0	551	156	21	2	2	0.00	9.20	0
10290025	10290021	9.12	1 1-	2 ACSR 6/1	0	0	545	156	12	1	1	0.00	9.20	0
10290023	10290020	8.94	1 1-	2 ACSR 6/1	0	0	560	157	2	0	0	0.00	9.17	0
10290048	10290014	7.94	1 1-	2 ACSR 6/1	0	0	647	163	14	1	1	0.00	11.08	0
10290015	10290014	7.98	0 1-	2 ACSR 6/1	0	0	643	162	0	0	0	0.00	9.99	0
10390027	10390052	7.19	2 1-	2 ACSR 6/1	0	0	721	166	9	1	1	0.00	8.86	0
10390024	10390052	7.16	4 1-	2 ACSR 6/1	0	0	724	166	18	2	1	0.00	7.45	0
10390025	10390024	7.20	4 1-	2 ACSR 6/1	0	0	719	166	18	2	1	0.00	7.45	0
10390026	10390025	7.26	1 1-	2 ACSR 6/1	0	0	712	166	7	0	1	0.00	7.45	0
10390021	10390025	7.29	2 1-	2 ACSR 6/1	0	0	708	165	3	0	0	0.00	7.45	0
D10-39-P019	10390021	7.29	0 1-	FUS	0	0	708	165	0	0	0	0.00	7.45	0
10390055	D10-39-P019	7.83	0 1-	2 ACSR 6/1	0	0	646	162	0	0	0	0.00	7.45	0
10390039	10390052	7.18	0 1-	2 ACSR 6/1	0	0	722	166	0	0	0	0.00	8.86	0
10390049	10390048	7.08	6 1-	2 ACSR 6/1	0	0	734	167	34	4	3	0.00	7.34	0
10390046	10390049	7.13	6 1-	2 ACSR 6/1	0	0	728	166	34	4	3	0.01	7.34	0
10390051	10390046	7.17	1 1-	2 ACSR 6/1	0	0	722	166	9	1	1	0.00	7.34	0
10390037	10390046	7.19	2 1-	2 ACSR 6/1	0	0	720	166	3	0	0	0.00	7.34	0
10390038	10390037	7.23	0 1-	2 ACSR 6/1	0	0	713	166	0	0	0	0.00	7.34	0
10390047	10390046	7.16	2 1-	2 ACSR 6/1	0	0	723	166	14	1	1	0.00	7.34	0
10390044	10390047	7.25	1 1-	2 ACSR 6/1	0	0	712	166	14	1	1	0.00	7.35	0
10390050	10390054	6.97	1 1-	2 ACSR 6/1	0	0	746	167	7	0	1	0.00	7.16	0
10390042	10390041	6.86	0 1-	2 ACSR 6/1	0	0	757	168	0	0	0	0.00	8.28	0
10390040	10490026	6.65	2 1-	2 ACSR 6/1	0	0	786	169	13	1	1	0.00	8.07	0
10490118	10490081	6.08	1 1-	2 ACSR 6/1	0	0	867	172	8	1	1	0.00	7.17	0
10490080	10490138	6.70	0 1-	2 ACSR 6/1	0	0	762	167	0	0	0	0.00	7.08	0
10490090	10490106	5.87	1 1-	2 ACSR 6/1	0	0	899	173	2	0	0	0.00	6.85	0
10490105	10490104	5.80	2 1-	2 ACSR 6/1	0	0	912	173	6	0	0	0.00	8.76	0
10490048	10490101	5.71	8 3-	1/0 ACSR 6/1	1315	1189	929	174	25	1	0	0.00	6.97	0
10490055	10490048	5.76	5 3-	1/0 ACSR 6/1	1303	1178	921	173	20	0	0	0.00	6.97	0
10490056	10490055	5.78	3 1-	2 ACSR 6/1	0	0	915	173	15	1	1	0.00	5.64	0
10490057	10490056	5.84	0 1-	2 ACSR 6/1	0	0	904	173	0	0	0	0.00	5.64	0
10490054	10490055	5.82	0 3-	1/0 ACSR 6/1	1289	1164	910	173	0	0	0	0.00	6.97	0
10-49-P142-A	10490054	5.82	0 3-	Open	1289	1164	910	173	0	0	0	0.00	6.97	0
10490046	10490048	5.75	1 1-	2 ACSR 6/1	0	0	921	173	2	0	0	0.00	8.65	0
10490099	10490100	5.64	7 1-	2 ACSR 6/1	0	0	939	174	15	1	1	0.00	8.54	0
10490098	10490099	5.76	1 1-	2 ACSR 6/1	0	0	916	173	3	0	0	0.00	8.54	0
10490077	10490062	5.30	68 3-	2 ACSR 6/1	1418	1286	1004	175	313	13	8	0.00	6.35	13
D10-49-P083A	10490077	5.30	17 1-	FUS	0	0	1004	175	72	9	216	0.00	5.93	0
10490133	D10-49-P083A	5.37	17 1-	2 ACSR 6/1	0	0	989	175	72	9	5	0.02	5.95	0
10490089	10490133	5.43	15 1-	2 ACSR 6/1	0	0	975	175	69	9	5	0.01	5.96	0
10490084	10490089	5.47	10 1-	2 ACSR 6/1	0	0	965	174	61	8	4	0.01	5.97	0
10490086	10490084	5.58	3 1-	2 ACSR 6/1	0	0	941	173	22	2	2	0.01	5.98	0
10490145	10490086	5.65	1 1-	2 ACSR 6/1	0	0	926	173	16	2	1	0.00	5.98	0
10490085	10490084	5.51	4 1-	2 ACSR 6/1	0	0	955	174	29	3	2	0.00	5.98	0
10490079	10490085	5.57	3 1-	2 ACSR 6/1	0	0	944	174	25	3	2	0.00	5.98	0
10490027	10490079	5.64	2 1-	2 ACSR 6/1	0	0	928	173	16	2	1	0.00	5.98	0
D10-49-P083	10490077	5.30	6 1-	FUS	0	0	1004	175	14	1	41	0.00	5.14	0
10490132	D10-49-P083	5.37	6 1-	2 ACSR 6/1	0	0	987	175	14	1	1	0.00	5.14	0
10490087	10490132	5.47	3 1-	2 ACSR 6/1	0	0	965	174	3	0	0	0.00	5.14	0
10490088	10490087	5.51	1 1-	2 ACSR 6/1	0	0	956	174	0	0	0	0.00	5.14	0
10490078	10490077	5.34	40 3-	2 ACSR 6/1	1405	1274	995	175	211	9	5	-0.01	6.36	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10490144	10490078	5.39	3 1-	2 ACSR 6/1	0	0	983	175	14	1	1	0.00	7.99	0
10490083	10490078	5.39	1 1-	2 ACSR 6/1	0	0	983	175	7	0	1	0.00	7.99	0
10490025	10490078	5.37	36 1-	2 ACSR 6/1	0	0	988	175	190	24	14	0.02	5.18	3
D10-49-P235	10490025	5.37	36 1-	RBC-35-H	0	0	988	175	190	24	71	0.00	5.18	0
10490028	D10-49-P235	5.41	36 1-	2 ACSR 6/1	0	0	980	175	190	24	14	0.03	5.21	4
10490061	10490028	5.44	0 1-	2 ACSR 6/1	0	0	972	174	0	0	0	0.00	5.21	0
10490143	10490028	5.47	1 1-	2 ACSR 6/1	0	0	965	174	5	0	0	0.00	5.21	0
10490068	10490028	5.47	34 1-	2 ACSR 6/1	0	0	966	174	185	24	13	0.04	5.25	6
10490069	10490068	5.52	30 1-	2 ACSR 6/1	0	0	953	174	180	23	13	0.04	5.29	5
10490071	10490069	5.57	29 1-	2 ACSR 6/1	0	0	944	174	170	22	12	0.03	5.31	4
10490072	10490071	5.61	28 1-	2 ACSR 6/1	0	0	935	173	164	21	12	0.02	5.34	3
10490075	10490072	5.67	27 1-	2 ACSR 6/1	0	0	921	173	159	20	12	0.04	5.38	5
10490076	10490075	5.74	7 1-	2 ACSR 6/1	0	0	907	172	39	5	3	0.01	5.38	0
10490073	10490076	5.78	4 1-	2 ACSR 6/1	0	0	899	172	17	2	1	0.00	5.39	0
10490070	10490073	5.83	1 1-	2 ACSR 6/1	0	0	889	172	0	0	0	0.00	5.39	0
10490063	10490075	5.73	5 1-	2 ACSR 6/1	0	0	909	172	30	3	2	0.00	5.38	0
10490074	10490063	5.77	3 1-	2 ACSR 6/1	0	0	901	172	15	1	1	0.00	5.38	0
10490064	10490075	5.80	12 1-	2 ACSR 6/1	0	0	895	172	84	11	6	0.04	5.41	2
10480065	10490064	5.85	1 1-	2 ACSR 6/1	0	0	886	171	9	1	1	0.00	5.41	0
10480041	10490064	5.83	1 1-	2 ACSR 6/1	0	0	890	172	3	0	0	0.00	5.41	0
10480066	10490064	5.89	8 1-	2 ACSR 6/1	0	0	878	171	57	7	4	0.02	5.43	0
10480067	10480066	5.94	6 1-	2 ACSR 6/1	0	0	869	171	44	5	3	0.01	5.44	0
10480080	10480067	5.99	4 1-	2 ACSR 6/1	0	0	859	170	33	4	2	0.01	5.44	0
10480079	10480080	6.02	3 1-	2 ACSR 6/1	0	0	854	170	24	3	2	0.00	5.44	0
10490047	10490053	5.18	0 1-	2 ACSR 6/1	0	0	1030	176	0	0	0	0.00	7.76	0
10590182	10590148	4.90	5 3-	4/0 ACSR 6/1	1535	1399	1092	177	45	2	1	0.00	5.89	0
10490135	10590182	4.92	0 3-	4/0 ACSR 6/1	1530	1394	1088	177	0	0	0	0.00	5.89	0
10-49-P262-A	10490135	4.92	0 3-	Open	1530	1394	1088	177	0	0	0	0.00	5.89	0
10490134	10590182	4.94	5 3-	4/0 ACSR 6/1	1523	1387	1082	177	45	2	1	0.00	5.89	0
10590126	10590032	4.57	9 1-	2 ACSR 6/1	0	0	1161	178	56	7	4	0.01	5.28	0
10590188	10590126	4.62	1 1-	2 ACSR 6/1	0	0	1145	178	8	0	1	0.00	5.29	0
10590125	10590126	4.65	5 1-	2 ACSR 6/1	0	0	1137	178	27	3	2	0.00	5.29	0
10590084	10590083	4.38	1 1-	2 ACSR 6/1	0	0	1207	179	4	0	0	0.00	4.03	0
10590197	10590083	4.36	3 1-	2 ACSR 6/1	0	0	1215	179	17	2	1	0.00	5.07	0
10590198	10590197	4.40	1 1-	2 ACSR 6/1	0	0	1199	179	4	0	0	0.00	5.07	0
10590123	10590030	4.30	6 1-	2 ACSR 6/1	0	0	1230	179	58	7	4	0.01	5.00	0
10590120	10590123	4.37	5 1-	2 ACSR 6/1	0	0	1204	179	49	6	4	0.01	5.01	0
10590121	10590120	4.40	4 1-	2 ACSR 6/1	0	0	1193	179	37	4	3	0.00	5.02	0
10590128	10590121	4.44	2 1-	2 ACSR 6/1	0	0	1182	178	19	2	1	0.00	5.02	0
10590122	10590121	4.44	1 1-	2 ACSR 6/1	0	0	1181	178	10	1	1	0.00	5.02	0
10590134	10590112	4.20	1 1-	2 ACSR 6/1	0	0	1250	179	8	1	1	0.00	3.80	0
10590111	10590110	4.21	2 1-	2 ACSR 6/1	0	0	1240	179	4	0	0	0.00	4.76	0
10590118	10590111	4.27	2 1-	2 ACSR 6/1	0	0	1221	179	4	0	0	0.00	4.76	0
10590035	10590111	4.24	0 1-	2 ACSR 6/1	0	0	1229	179	0	0	0	0.00	4.76	0
10590078	10590077	3.90	12 1-	2 ACSR 6/1	0	0	1343	181	47	6	3	0.01	6.17	0
10590080	10590078	3.94	7 1-	2 ACSR 6/1	0	0	1328	180	38	4	3	0.00	6.17	0
10590208	10590080	3.99	5 1-	2 ACSR 6/1	0	0	1308	180	21	2	2	0.00	6.18	0
10590079	10590078	3.98	4 1-	2 ACSR 6/1	0	0	1310	180	6	0	0	0.00	6.17	0
10590073	10590072	3.69	2 1-	2 ACSR 6/1	0	0	1411	181	6	0	0	0.00	3.23	0
10680112	10680164	3.43	85 3-	336 ACSR 18/1	2044	1884	1516	183	399	17	3	0.01	4.06	2
10680113	10680112	3.47	84 3-	336 ACSR 18/1	2029	1870	1503	182	387	16	3	0.01	4.07	2
10680122	10680113	3.57	83 3-	336 ACSR 18/1	1993	1835	1472	182	380	16	3	0.03	4.08	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10680124	10680122	3.65	1 1-	2 ACSR 6/1	0	0	1434	182	4	0	0	0.00	2.95	0
10680123	10680122	3.65	80 3-	336 ACSR 18/1	1968	1811	1449	182	375	16	3	0.02	4.08	3
D10-68-P007	10680123	3.65	32 1-	FUS	0	0	1449	182	170	22	504	0.00	4.03	0
10680160	D10-68-P007	3.74	32 1-	2 ACSR 6/1	0	0	1404	181	170	22	12	0.06	4.09	8
10680059	10680160	3.81	30 1-	2 ACSR 6/1	0	0	1376	181	162	21	12	0.04	4.13	5
10680060	10680059	3.84	1 1-	2 ACSR 6/1	0	0	1362	181	9	1	1	0.00	4.13	0
10680158	10680060	3.89	1 1-	2 ACSR 6/1	0	0	1341	180	9	1	1	0.00	4.13	0
10680034	10680059	3.87	29 1-	2 ACSR 6/1	0	0	1348	180	153	19	11	0.04	4.16	5
10680063	10680034	3.93	4 1-	2 ACSR 6/1	0	0	1325	180	29	3	2	0.01	4.17	0
10680058	10680063	3.96	2 1-	2 ACSR 6/1	0	0	1312	180	10	1	1	0.00	4.17	0
10680064	10680063	3.96	1 1-	2 ACSR 6/1	0	0	1311	180	15	1	1	0.00	4.17	0
10680030	10680034	3.93	25 1-	2 ACSR 6/1	0	0	1323	180	124	16	9	0.03	4.19	3
10680062	10680030	3.98	2 1-	2 ACSR 6/1	0	0	1303	179	11	1	1	0.00	4.19	0
10680162	10680062	4.01	1 1-	2 ACSR 6/1	0	0	1290	179	6	0	0	0.00	4.19	0
10680061	10680030	4.00	21 1-	2 ACSR 6/1	0	0	1294	179	101	13	7	0.03	4.22	2
10680074	10680061	4.07	19 1-	2 ACSR 6/1	0	0	1268	179	100	13	7	0.02	4.24	2
10680075	10680074	4.13	4 1-	2 ACSR 6/1	0	0	1246	178	20	2	1	0.00	4.24	0
10680163	10680075	4.16	1 1-	2 ACSR 6/1	0	0	1236	178	5	0	0	0.00	4.24	0
10680076	10680075	4.16	1 1-	2 ACSR 6/1	0	0	1234	178	5	0	0	0.00	4.24	0
10680065	10680074	4.11	14 1-	2 ACSR 6/1	0	0	1253	178	78	10	6	0.01	4.25	0
10680066	10680065	4.15	13 1-	2 ACSR 6/1	0	0	1237	178	77	10	6	0.01	4.26	0
10680067	10680066	4.17	10 1-	2 ACSR 6/1	0	0	1229	178	53	6	4	0.00	4.27	0
10680068	10680067	4.22	4 1-	2 ACSR 6/1	0	0	1211	178	22	2	2	0.00	4.27	0
10680161	10680068	4.26	2 1-	2 ACSR 6/1	0	0	1199	177	9	1	1	0.00	4.27	0
10680033	10680067	4.20	6 1-	2 ACSR 6/1	0	0	1219	178	31	4	2	0.00	4.27	0
10680077	10680033	4.24	3 1-	2 ACSR 6/1	0	0	1206	177	20	2	1	0.00	4.27	0
10680078	10680077	4.30	2 1-	2 ACSR 6/1	0	0	1184	177	15	1	1	0.00	4.27	0
10680079	10680078	4.35	1 1-	2 ACSR 6/1	0	0	1169	177	3	0	0	0.00	4.27	0
10680069	10680033	4.23	3 1-	2 ACSR 6/1	0	0	1209	178	11	1	1	0.00	4.27	0
10680070	10680069	4.26	1 1-	2 ACSR 6/1	0	0	1197	177	4	0	0	0.00	4.27	0
10680080	10680070	4.43	0 1-	2 ACSR 6/1	0	0	1141	176	0	0	0	0.00	4.27	0
10680057	10680030	3.97	2 1-	2 ACSR 6/1	0	0	1308	180	12	1	1	0.00	4.19	0
10680117	10680123	3.69	48 3-	336 ACSR 18/1	1953	1797	1437	182	204	8	2	0.00	4.08	0
10680119	10680117	3.75	46 3-	336 ACSR 18/1	1934	1778	1420	182	193	8	2	0.00	4.09	0
D10-68-P008	10680119	3.75	9 1-	FUS	0	0	1420	182	37	4	109	0.00	4.04	0
10680155	D10-68-P008	3.82	9 1-	2 ACSR 6/1	0	0	1388	181	37	4	3	0.01	4.05	0
10680167	10680155	3.86	8 1-	2 ACSR 6/1	0	0	1371	181	32	4	2	0.00	4.05	0
10680133	10680167	4.27	7 1-	2 ACSR 6/1	0	0	1210	178	23	3	2	0.03	4.08	0
10690053	10680133	4.31	6 1-	2 ACSR 6/1	0	0	1197	177	18	2	1	0.00	4.08	0
10680116	10680119	3.83	29 3-	336 ACSR 18/1	1909	1754	1398	182	129	5	1	0.00	4.09	0
10680071	10680116	3.91	24 3-	336 ACSR 18/1	1883	1729	1376	181	117	5	1	0.00	4.09	0
10680072	10680071	3.96	21 3-	336 ACSR 18/1	1867	1713	1362	181	107	4	1	0.00	4.09	0
10680085	10680072	4.00	15 3-	336 ACSR 18/1	1855	1702	1352	181	75	3	1	0.00	4.09	0
10680156	10680085	4.05	0 3-	1/0 ACSR 6/1	1831	1678	1333	181	0	0	0	0.00	4.09	0
10-68-P069-A	10680156	4.05	0 3-	Open	1831	1678	1333	181	0	0	0	0.00	4.09	0
10680084	10680085	4.02	14 3-	336 ACSR 18/1	1850	1697	1347	181	74	3	1	0.00	4.09	0
10680081	10680084	4.06	10 3-	336 ACSR 18/1	1838	1686	1337	181	54	2	0	0.00	4.09	0
10680095	10680081	4.09	6 3-	336 ACSR 18/1	1827	1676	1328	181	31	1	0	0.00	4.09	0
10680127	10680095	4.13	1 3-	336 ACSR 18/1	1818	1667	1321	181	12	0	0	0.00	4.09	0
10680146	10680127	4.13	0 3-	336 ACSR 18/1	1817	1666	1319	181	0	0	0	0.00	4.09	0
10-68-P033-A	10680146	4.13	0 3-	Open	1817	1666	1319	181	0	0	0	0.00	4.09	0
10680129	10680127	4.15	1 1-	2 ACSR 6/1	0	0	1312	181	12	1	1	0.00	4.04	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10680130	10680095	4.13	4 1-	2 ACSR 6/1	0	0	1313	181	15	1	1	0.00	2.96	0
10680096	10680081	4.07	3 1-	2 ACSR 6/1	0	0	1332	181	19	2	1	0.00	5.29	0
10680097	10680096	4.10	2 1-	2 ACSR 6/1	0	0	1319	181	11	1	1	0.00	5.29	0
10680098	10680097	4.16	1 1-	2 ACSR 6/1	0	0	1295	180	5	0	0	0.00	5.29	0
10680073	10680072	3.99	1 1-	2 ACSR 6/1	0	0	1349	181	5	0	0	0.00	2.96	0
10680118	10680119	3.81	4 1-	2 ACSR 6/1	0	0	1394	181	21	2	2	0.00	4.04	0
10680056	10680118	3.86	2 1-	2 ACSR 6/1	0	0	1372	181	10	1	1	0.00	4.04	0
10680121	10680113	3.57	1 1-	2 ACSR 6/1	0	0	1455	182	7	0	1	0.00	2.94	0
10580060	10580059	3.28	4 1-	2 ACSR 6/1	0	0	1550	182	34	4	2	0.01	2.77	0
10580061	10580060	3.34	2 1-	2 ACSR 6/1	0	0	1515	182	21	2	2	0.00	2.77	0
10580038	10580037	2.89	1 1-	2 ACSR 6/1	0	0	1699	183	15	1	1	0.00	3.38	0
10580036	10580035	2.76	4 1-	2 ACSR 6/1	0	0	1749	184	25	3	2	0.01	4.44	0
10580027	10580036	2.81	1 1-	2 ACSR 6/1	0	0	1715	183	0	0	0	0.00	4.44	0
10580029	10580036	2.82	2 1-	2 ACSR 6/1	0	0	1705	183	16	2	1	0.00	4.45	0
10580028	10580036	2.81	1 1-	2 ACSR 6/1	0	0	1712	183	9	1	1	0.00	4.44	0
10580033	10580069	2.58	2 1-	2 ACSR 6/1	0	0	1836	184	6	0	0	0.00	3.06	0
10580017	10580069	2.58	1 1-	2 ACSR 6/1	0	0	1836	184	5	0	0	0.00	2.15	0
10580067	10580068	2.55	1 1-	2 ACSR 6/1	0	0	1853	184	14	1	1	0.00	2.12	0
10580020	10580019	2.40	6 1-	2 ACSR 6/1	0	0	1928	185	30	3	2	0.00	1.99	0
10580021	10580020	2.43	3 1-	2 ACSR 6/1	0	0	1904	184	20	2	1	0.00	1.99	0
10580026	10580020	2.46	1 1-	2 ACSR 6/1	0	0	1881	184	8	1	1	0.00	1.99	0
10580014	10580032	2.30	10 1-	2 ACSR 6/1	0	0	1992	185	58	7	4	0.00	3.90	0
10580015	10580014	2.36	9 1-	2 ACSR 6/1	0	0	1940	185	46	5	3	0.01	3.91	0
10580016	10580015	2.44	6 1-	2 ACSR 6/1	0	0	1868	184	32	4	2	0.01	3.91	0
10580030	10580041	2.25	1 1-	2 ACSR 6/1	0	0	2006	185	4	0	0	0.00	2.68	0
10580040	10580051	2.14	3 1-	2 ACSR 6/1	0	0	2073	185	20	2	1	0.00	2.58	0
10580039	10580040	2.23	2 1-	2 ACSR 6/1	0	0	1988	185	9	1	1	0.00	2.58	0
10570073	10570072	1.74	1 1-	2 ACSR 6/1	0	0	2338	186	11	1	1	0.00	1.38	0
10560088	10560095	0.10	2 3-	336 ACSR 18/1	4908	4978	5073	190	21	0	0	0.00	0.09	0

CKT 2 total losses: \$29,517

SUB 21, CKT 3

BK2103	EMMANUEL(21)	0.00	534 3-	BK2103	5109	5225	5430	190	3277	138	69	0.00	0.00	0
10560098	BK2103	0.37	534 3-	336 ACSR 18/1	4423	4399	4285	189	3277	138	26	0.26	0.30	635
10560078	10560098	0.48	534 3-	336 ACSR 18/1	4252	4201	4029	189	3272	138	26	0.08	0.39	188
10570062	10560078	0.54	534 3-	336 ACSR 18/1	4163	4099	3901	189	3270	138	26	0.04	0.44	104
10570063	10570062	0.63	534 3-	336 ACSR 18/1	4023	3940	3705	189	3269	138	26	0.07	0.52	172
10570093	10570063	0.73	534 3-	1/0 ACSR 6/1	3840	3738	3473	188	3267	138	60	0.19	0.73	533
10570094	10570093	0.83	534 3-	1/0 ACSR 6/1	3660	3542	3257	188	3262	138	60	0.20	0.95	556
10570067	10570094	1.15	534 3-	1/0 ACSR 6/1	3170	3016	2704	186	3257	138	60	0.62	1.66	1764
10470074	10570067	1.29	534 3-	1/0 ACSR 6/1	2993	2831	2518	185	3241	138	60	0.27	1.96	751
D10-47-P030	10470074	1.29	8 1-	FUS	0	0	2518	185	40	5	116	0.00	0.29	0
10460017	D10-47-P030	1.49	8 1-	2 ACSR 6/1	0	0	2248	184	40	5	3	0.03	2.32	0
10460010	10460017	1.63	8 1-	2 ACSR 6/1	0	0	2085	183	40	5	3	0.02	2.34	0
10460011	10460010	1.74	7 1-	2 ACSR 6/1	0	0	1975	182	36	4	3	0.01	2.35	0
10460012	10460011	1.80	6 1-	2 ACSR 6/1	0	0	1912	181	32	4	2	0.01	2.36	0
10460013	10460012	1.87	4 1-	2 ACSR 6/1	0	0	1857	181	19	2	1	0.00	2.36	0
10460014	10460013	1.93	4 1-	2 ACSR 6/1	0	0	1806	180	19	2	1	0.00	2.37	0
10460015	10460014	2.05	2 1-	2 ACSR 6/1	0	0	1710	180	8	1	1	0.00	2.37	0
10470075	10470074	1.37	526 3-	1/0 ACSR 6/1	2891	2725	2414	185	3194	136	59	0.16	2.14	455
10470071	10470075	1.43	2 3-	1/0 ACSR 6/1	2824	2655	2345	185	16	0	0	0.00	2.14	0
10470072	10470071	1.49	1 3-	1/0 ACSR 6/1	2755	2585	2277	184	9	0	0	0.00	2.14	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10470070	10470075	1.41	524 3-	1/0 ACSR 6/1	2850	2682	2372	185	3174	136	59	0.07	2.22	193
10470038	10470070	1.55	523 3-	1/0 ACSR 6/1	2693	2521	2216	184	3163	135	59	0.28	2.53	769
10470073	10470038	1.61	1 1-	2 ACSR 6/1	0	0	2154	184	13	1	0.00	2.42	0	
10470064	10470038	1.65	520 3-	1/0 ACSR 6/1	2599	2425	2124	183	3108	133	58	0.18	2.73	482
10470065	10470064	1.71	1 1-	2 ACSR 6/1	0	0	2064	183	11	1	0.00	2.61	0	
10470063	10470064	1.83	518 3-	1/0 ACSR 6/1	2430	2255	1964	182	3086	132	58	0.36	3.12	944
10470066	10470063	1.93	29 1-	2 ACSR 6/1	0	0	1880	182	170	21	12	0.06	3.65	8
10470068	10470066	2.02	3 1-	2 ACSR 6/1	0	0	1803	181	28	3	2	0.01	3.66	0
10470069	10470068	2.07	2 1-	2 ACSR 6/1	0	0	1759	181	18	2	1	0.00	3.66	0
10470067	10470066	1.97	26 1-	2 ACSR 6/1	0	0	1847	181	142	18	10	0.02	3.67	2
D10-47-P070	10470067	1.97	26 1-	RBC-35-H	0	0	1847	181	142	18	52	0.00	3.67	0
10470081	D10-47-P070	1.99	26 1-	2 ACSR 6/1	0	0	1823	181	142	18	10	0.01	3.69	1
10470082	10470081	2.03	24 1-	2 ACSR 6/1	0	0	1795	181	121	15	9	0.02	3.70	2
10470085	10470082	2.06	19 1-	2 ACSR 6/1	0	0	1770	181	83	10	6	0.01	3.71	0
10470086	10470085	2.14	18 1-	2 ACSR 6/1	0	0	1713	180	73	9	5	0.02	3.73	0
10470087	10470086	2.19	17 1-	2 ACSR 6/1	0	0	1675	180	61	7	4	0.01	3.74	0
10470076	10470087	2.24	16 1-	2 ACSR 6/1	0	0	1640	179	57	7	4	0.01	3.75	0
10470090	10470076	2.28	8 1-	2 ACSR 6/1	0	0	1610	179	38	4	3	0.00	3.76	0
10470091	10470090	2.37	5 1-	2 ACSR 6/1	0	0	1556	178	20	2	1	0.01	3.76	0
10470079	10470091	2.63	4 1-	2 ACSR 6/1	0	0	1409	177	16	2	1	0.02	3.78	0
10470080	10470079	2.67	4 1-	2 ACSR 6/1	0	0	1386	176	16	2	1	0.00	3.78	0
10470092	10470080	2.72	3 1-	2 ACSR 6/1	0	0	1361	176	9	1	1	0.00	3.78	0
10470096	10470092	2.78	1 1-	2 ACSR 6/1	0	0	1336	175	1	0	0	0.00	3.78	0
10470078	10470091	2.47	1 1-	2 ACSR 6/1	0	0	1497	178	4	0	0	0.00	3.76	0
10470037	10470076	2.28	8 1-	2 ACSR 6/1	0	0	1612	179	19	2	1	0.00	3.75	0
10470089	10470037	2.33	2 1-	2 ACSR 6/1	0	0	1578	179	10	1	1	0.00	3.76	0
10470077	10470037	2.30	6 1-	2 ACSR 6/1	0	0	1596	179	9	1	1	0.00	3.76	0
10470088	10470077	2.33	2 1-	2 ACSR 6/1	0	0	1579	179	7	0	0	0.00	3.76	0
10470036	10470082	2.08	5 1-	2 ACSR 6/1	0	0	1753	181	39	5	3	0.01	3.71	0
10470084	10470036	2.12	4 1-	2 ACSR 6/1	0	0	1722	180	33	4	2	0.00	3.71	0
10470093	10470084	2.21	3 1-	1/0 ACSR 6/1	0	0	1667	180	21	2	1	0.00	3.72	0
10470094	10470093	2.24	3 1-	1/0 ACSR 6/1	0	0	1653	180	21	2	1	0.00	3.72	0
10470095	10470094	2.27	1 1-	1/0 ACSR 6/1	0	0	1633	179	4	0	0	0.00	3.72	0
10470083	10470036	2.12	1 1-	2 ACSR 6/1	0	0	1721	180	6	0	0	0.00	3.71	0
10470039	10470063	2.02	489 3-	1/0 ACSR 6/1	2284	2109	1828	182	2908	125	55	0.34	3.48	819
10470040	10470039	2.12	489 3-	1/0 ACSR 6/1	2206	2032	1758	181	2900	125	55	0.20	3.69	476
10370013	10470040	2.21	489 3-	1/0 ACSR 6/1	2142	1969	1700	180	2896	125	55	0.17	3.87	414
D10-37-P038	10370013	2.21	19 1-	FUS-80	0	0	1700	180	104	13	19	0.00	4.32	0
10370016	D10-37-P038	2.48	19 1-	2 ACSR 6/1	0	0	1528	179	104	13	8	0.10	4.43	9
10360038	10370016	2.58	18 1-	2 ACSR 6/1	0	0	1468	178	95	12	7	0.03	4.46	3
10360040	10360038	2.69	17 1-	2 ACSR 6/1	0	0	1411	177	84	10	6	0.03	4.49	2
10360042	10360040	2.84	16 1-	2 ACSR 6/1	0	0	1335	176	82	10	6	0.04	4.54	3
10360050	10360042	2.99	13 1-	2 ACSR 6/1	0	0	1270	175	63	8	5	0.03	4.57	2
10360053	10360050	3.03	2 1-	2 ACSR 6/1	0	0	1254	174	11	1	1	0.00	4.57	0
10360054	10360053	3.07	1 1-	2 ACSR 6/1	0	0	1239	174	1	0	0	0.00	4.57	0
10360051	10360050	3.07	9 1-	2 ACSR 6/1	0	0	1237	174	40	5	3	0.01	4.58	0
10360030	10360051	3.26	8 1-	2 ACSR 6/1	0	0	1168	173	35	4	3	0.02	4.61	0
10360025	10360030	3.39	5 1-	2 ACSR 6/1	0	0	1121	172	17	2	1	0.01	4.61	0
10360027	10360025	3.47	1 1-	2 ACSR 6/1	0	0	1096	171	1	0	0	0.00	4.61	0
10360026	10360025	3.43	3 1-	2 ACSR 6/1	0	0	1109	172	14	1	1	0.00	4.61	0
10360032	10360030	3.31	2 1-	2 ACSR 6/1	0	0	1148	172	12	1	1	0.00	4.61	0
10360024	10360032	3.38	1 1-	2 ACSR 6/1	0	0	1126	172	3	0	0	0.00	4.61	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10360031	10360030	3.31	1 1-	2 ACSR 6/1	0	0	1148	172	6	0	0	0.00	4.61	0
10360052	10360050	3.03	2 1-	2 ACSR 6/1	0	0	1254	174	12	1	1	0.00	4.57	0
10360057	10360052	3.08	1 1-	2 ACSR 6/1	0	0	1233	174	0	0	0	0.00	4.57	0
10360056	10360052	3.07	1 1-	2 ACSR 6/1	0	0	1239	174	12	1	1	0.00	4.57	0
10360041	10360042	2.91	1 1-	2 ACSR 6/1	0	0	1307	175	2	0	0	0.00	4.54	0
10360039	10360038	2.71	0 1-	2 ACSR 6/1	0	0	1401	177	0	0	0	0.00	4.46	0
10360037	10370016	2.65	0 1-	2 ACSR 6/1	0	0	1431	177	0	0	0	0.00	4.43	0
10360036	10370016	2.54	1 1-	2 ACSR 6/1	0	0	1491	178	10	1	1	0.00	4.43	0
10370014	10370013	2.38	470 3-	1/0 ACSR 6/1	2033	1862	1603	180	2787	121	53	0.31	4.19	719
D10-37-P019	10370014	2.38	2 1-	FUS	0	0	1603	180	6	0	19	0.00	4.17	0
10370017	D10-37-P019	2.48	2 1-	2 ACSR 6/1	0	0	1544	179	6	0	0	0.00	4.17	0
D10-37-P019A	10370014	2.38	24 1-	FUS	0	0	1603	180	148	19	437	0.00	4.17	0
10370022	D10-37-P019A	2.44	24 1-	2 ACSR 6/1	0	0	1566	179	148	19	11	0.03	4.20	4
10370023	10370022	2.50	20 1-	2 ACSR 6/1	0	0	1533	179	131	17	9	0.02	4.22	3
10370028	10370023	2.52	19 1-	2 ACSR 6/1	0	0	1516	179	122	15	9	0.01	4.23	1
10370027	10370028	2.63	18 1-	2 ACSR 6/1	0	0	1459	178	116	15	8	0.04	4.28	4
10370019	10370027	2.66	17 1-	2 ACSR 6/1	0	0	1439	178	112	14	8	0.02	4.29	1
10370026	10370019	2.72	13 1-	2 ACSR 6/1	0	0	1409	177	75	9	5	0.02	4.31	0
10370057	10370026	2.74	11 1-	15 KV 2 URD XLP	0	0	1401	413	71	9	6	0.01	4.31	0
10370058	10370057	2.83	10 1-	15 KV 2 URD XLP	0	0	1356	408	58	7	5	0.03	4.34	1
D10-37-P034	10370058	2.83	9 1-	FUS	0	0	1356	408	55	7	164	0.00	4.34	0
10370060	D10-37-P034	2.88	9 1-	2 ACSR 6/1	0	0	1335	176	55	7	4	0.01	4.35	0
10370061	10370060	2.96	8 1-	2 ACSR 6/1	0	0	1296	175	47	6	3	0.02	4.36	0
10370062	10370061	3.03	6 1-	2 ACSR 6/1	0	0	1267	175	33	4	2	0.01	4.37	0
10370049	10370062	3.12	5 1-	2 ACSR 6/1	0	0	1233	174	30	3	2	0.01	4.38	0
10370064	10370049	3.19	4 1-	2 ACSR 6/1	0	0	1205	173	21	2	2	0.01	4.39	0
10370066	10370064	3.23	2 1-	2 ACSR 6/1	0	0	1190	173	15	1	1	0.00	4.39	0
10370068	10370066	3.27	0 1-	2 ACSR 6/1	0	0	1174	173	0	0	0	0.00	4.39	0
10370067	10370064	3.32	2 1-	2 ACSR 6/1	0	0	1156	172	6	0	0	0.00	4.39	0
10370076	10370067	3.43	1 1-	2 ACSR 6/1	0	0	1120	172	4	0	0	0.00	4.39	0
10370069	10370049	3.15	1 1-	1/0 ACSR 6/1	0	0	1222	174	9	1	1	0.00	4.38	0
10370063	10370061	2.99	2 1-	2 ACSR 6/1	0	0	1282	175	14	1	1	0.00	4.37	0
10370075	10370063	3.06	1 1-	2 ACSR 6/1	0	0	1257	174	14	1	1	0.00	4.37	0
10370074	10370058	2.92	1 1-	2 ACSR 6/1	0	0	1317	175	3	0	0	0.00	4.34	0
10370059	10370057	2.82	1 1-	2 ACSR 6/1	0	0	1361	176	13	1	1	0.00	4.32	0
10370020	10370019	2.75	4 1-	2 ACSR 6/1	0	0	1396	177	37	4	3	0.01	4.30	0
10370024	10370020	2.84	2 1-	2 ACSR 6/1	0	0	1352	176	26	3	2	0.01	4.31	0
10370025	10370024	2.91	1 1-	2 ACSR 6/1	0	0	1320	176	14	1	1	0.00	4.31	0
10370021	10370020	2.85	1 1-	2 ACSR 6/1	0	0	1348	176	9	1	1	0.00	4.31	0
10370029	10370014	2.54	444 3-	1/0 ACSR 6/1	1942	1773	1523	179	2626	114	50	0.31	4.47	584
10370038	10370029	2.72	439 3-	1/0 ACSR 6/1	1845	1680	1440	178	2594	113	49	0.35	4.79	666
10370056	10370038	2.81	433 3-	1/0 ACSR 6/1	1798	1635	1399	177	2558	111	49	0.19	4.96	343
10360022	10370056	2.85	343 3-	1/0 ACSR 6/1	1782	1620	1386	177	2014	88	38	0.05	5.00	71
10360043	10360022	2.91	1 1-	2 ACSR 6/1	0	0	1355	177	0	0	0	0.00	5.00	0
10360023	10360022	2.95	342 3-	1/0 ACSR 6/1	1736	1575	1346	177	2013	88	38	0.16	5.14	226
D10-37-P001	10360023	2.95	342 3-	REC-100-L	1736	1575	1346	177	2011	88	88	0.00	5.14	0
10370015	D10-37-P001	2.99	342 3-	1/0 ACSR 6/1	1715	1556	1329	177	2011	88	38	0.07	5.20	101
10370030	10370015	3.05	1 1-	2 ACSR 6/1	0	0	1301	176	10	1	1	0.00	5.18	0
10370012	10370015	3.33	341 3-	1/0 ACSR 6/1	1576	1423	1212	175	2000	87	38	0.53	5.67	757
10270039	10370012	3.39	1 1-	2 ACSR 6/1	0	0	1190	174	3	0	0	0.00	5.58	0
10270017	10370012	3.53	340 3-	1/0 ACSR 6/1	1504	1355	1153	174	1990	87	38	0.31	5.95	444
10270027	10270017	3.65	7 1-	2 ACSR 6/1	0	0	1112	173	50	6	4	0.02	5.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LROP DROP	TOTAL DROP	LINE LOSS
10270028	10270027	3.77	6 1-	2 ACSR 6/1	0	0	1078	172	43	5	3	0.02	5.80	0
10260056	10270028	3.81	2 1-	2 ACSR 6/1	0	0	1063	172	12	1	1	0.00	5.80	0
10260050	10270028	3.93	4 1-	2 ACSR 6/1	0	0	1030	171	31	4	2	0.01	5.81	0
10260055	10260050	4.01	1 1-	2 ACSR 6/1	0	0	1009	170	6	0	0	0.00	5.81	0
10260049	10260055	4.07	0 1-	2 ACSR 6/1	0	0	992	170	0	0	0	0.00	5.81	0
10270016	10270017	3.65	333 3-	1/0 ACSR 6/1	1466	1319	1121	173	1936	85	37	0.16	6.10	239
10270061	10270016	3.76	7 1-	2 ACSR 6/1	0	0	1085	172	53	6	4	0.02	5.94	0
10270063	10270061	3.82	1 1-	2 ACSR 6/1	0	0	1069	172	9	1	1	0.00	5.94	0
10270052	10270063	3.86	0 1-	2 ACSR 6/1	0	0	1056	172	0	0	0	0.00	5.94	0
10270062	10270061	3.82	3 1-	2 ACSR 6/1	0	0	1067	172	26	3	2	0.00	5.95	0
10270060	10270062	4.07	1 1-	2 ACSR 6/1	0	0	998	170	8	1	1	0.00	5.95	0
10270058	10270016	3.74	326 3-	1/0 ACSR 6/1	1437	1292	1098	173	1881	83	36	0.12	6.22	176
10270059	10270058	3.78	324 3-	1/0 ACSR 6/1	1423	1279	1087	173	1862	82	36	0.06	6.28	86
10270057	10270059	3.83	320 3-	1/0 ACSR 6/1	1408	1265	1075	172	1838	81	35	0.06	6.34	90
10270055	10270057	3.89	318 3-	1/0 ACSR 6/1	1389	1247	1059	172	1822	80	35	0.08	6.42	124
10270054	10270055	3.93	3 1-	2 ACSR 6/1	0	0	1049	172	23	3	2	0.00	6.23	0
10270040	10270054	3.95	1 1-	2 ACSR 6/1	0	0	1043	172	8	1	1	0.00	6.23	0
10270053	10270055	3.95	314 3-	1/0 ACSR 6/1	1372	1231	1045	172	1790	79	34	0.07	6.49	102
10270041	10270053	3.98	312 3-	1/0 ACSR 6/1	1363	1223	1038	172	1777	78	34	0.04	6.53	55
10270042	10270041	4.03	308 3-	1/0 ACSR 6/1	1351	1211	1028	171	1753	77	34	0.05	6.58	74
10270043	10270042	4.05	306 3-	1/0 ACSR 6/1	1344	1205	1022	171	1749	77	34	0.03	6.61	46
10270036	10270043	4.11	304 3-	1/0 ACSR 6/1	1328	1190	1010	171	1734	76	33	0.07	6.68	95
10270067	10270036	4.16	149 3-	1/0 ACSR 6/1	1316	1178	999	171	790	35	15	0.00	6.71	27
10-27-P017-B	10270067	4.16	149 3-	Closed	1316	1178	999	171	790	35	0	0.00	6.71	0
10-27-P017-A	10-27-P017-B	4.16	149 3-	Closed	1316	1178	999	171	790	35	0	0.00	6.71	0
10270068	10-27-P017-A	4.29	149 3-	1/0 ACSR 6/1	1281	1146	972	170	790	35	15	0.01	6.78	76
10270037	10270068	4.36	148 3-	1/0 ACSR 6/1	1263	1130	957	170	786	34	15	0.00	6.82	41
10270049	10270037	4.43	1 1-	2 ACSR 6/1	0	0	941	169	6	0	0	0.00	6.53	0
10270050	10270037	4.44	2 1-	2 ACSR 6/1	0	0	939	169	15	1	1	0.00	6.53	0
10270047	10270037	4.43	145 3-	1/0 ACSR 6/1	1248	1115	945	169	765	34	15	0.00	6.85	34
10270048	10270047	4.46	144 3-	1/0 ACSR 6/1	1239	1107	938	169	762	33	15	0.00	6.87	20
10270046	10270048	4.53	2 1-	2 ACSR 6/1	0	0	922	169	7	0	1	0.00	7.54	0
10270038	10270048	4.48	8 1-	2 ACSR 6/1	0	0	933	169	28	3	2	0.00	6.55	0
10270045	10270038	4.53	7 1-	2 ACSR 6/1	0	0	924	169	27	3	2	0.00	6.55	0
10270044	10270045	4.57	3 1-	2 ACSR 6/1	0	0	914	169	13	1	1	0.00	6.55	0
10270029	10270044	4.68	2 1-	2 ACSR 6/1	0	0	890	168	5	0	0	0.00	6.55	0
10270024	10270048	4.53	134 3-	1/0 ACSR 6/1	1223	1093	926	169	727	32	14	0.01	6.91	33
10270025	10270024	4.61	132 3-	1/0 ACSR 6/1	1205	1075	911	169	717	31	14	0.01	6.95	40
10270064	10270025	4.67	130 3-	1/0 ACSR 6/1	1191	1063	900	168	710	31	14	0.01	6.98	29
10280028	10270064	4.81	129 3-	1/0 ACSR 6/1	1162	1036	877	168	708	31	14	0.01	7.04	64
10280027	10280028	4.87	126 3-	1/0 ACSR 6/1	1150	1025	867	167	702	31	14	0.01	7.07	27
10280026	10280027	4.89	1 1-	2 ACSR 6/1	0	0	863	167	2	0	0	0.00	6.58	0
10280010	10280027	5.11	125 3-	1/0 ACSR 6/1	1103	982	830	166	700	31	14	0.02	7.19	111
10280012	10280010	5.18	107 3-	1/0 ACSR 6/1	1090	970	820	166	605	27	12	0.01	7.22	29
10280024	10280012	5.23	106 3-	1/0 ACSR 6/1	1082	962	813	166	604	27	12	0.01	7.24	19
10280025	10280024	5.46	105 3-	1/0 ACSR 6/1	1042	925	782	165	601	26	12	0.04	7.33	94
10380031	10280025	5.55	99 3-	1/0 ACSR 6/1	1026	911	770	164	581	26	11	0.01	7.37	37
10380037	10380031	5.59	95 3-	1/0 ACSR 6/1	1019	905	764	164	547	24	11	0.01	7.39	16
10380038	10380037	5.65	91 3-	1/0 ACSR 6/1	1010	897	757	164	522	23	10	0.01	7.41	20
10380033	10380038	5.70	1 1-	2 ACSR 6/1	0	0	749	163	8	1	1	0.00	6.57	0
10380028	10380038	5.77	88 3-	1/0 ACSR 6/1	991	879	742	163	504	22	10	0.02	7.45	43
10380020	10380028	5.90	87 3-	1/0 ACSR 6/1	972	862	728	163	500	22	10	0.02	7.49	41

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10380021	10380020	5.99	86 3-	1/0 ACSR 6/1	959	850	717	162	488	22	10	0.01	7.53	29
10380019	10380021	6.02	0 1-	2 ACSR 6/1	0	0	713	162	0	0	0	0.00	6.73	0
10380014	10380021	6.20	84 3-	1/0 ACSR 6/1	931	824	696	161	476	21	9	0.03	7.59	64
10380029	10380014	6.25	2 1-	2 ACSR 6/1	0	0	689	161	5	0	0	0.00	6.75	0
10380015	10380014	6.30	82 3-	1/0 ACSR 6/1	917	812	685	161	470	21	9	0.01	7.63	33
10380024	10380015	6.33	81 3-	1/0 ACSR 6/1	913	808	682	161	467	21	9	0.00	7.64	10
10380034	10380024	6.41	79 3-	1/0 ACSR 6/1	903	799	674	160	451	20	9	0.01	7.66	22
10480081	10380034	6.44	11 1-	2 ACSR 6/1	0	0	670	160	41	5	3	0.00	6.45	0
10480077	10480081	6.48	7 1-	2 ACSR 6/1	0	0	666	160	21	2	2	0.00	6.45	0
10480078	10480077	6.53	3 1-	2 ACSR 6/1	0	0	660	160	8	1	1	0.00	6.45	0
10480089	10480078	6.58	3 1-	2 ACSR 6/1	0	0	654	159	8	1	1	0.00	6.45	0
10480090	10480089	6.63	1 1-	2 ACSR 6/1	0	0	649	159	1	0	0	0.00	6.45	0
10480034	10380034	6.48	64 3-	1/0 ACSR 6/1	895	791	668	160	389	17	8	0.01	7.68	16
10480033	10480034	6.55	63 3-	1/0 ACSR 6/1	886	783	661	160	380	17	8	0.01	7.70	17
10480035	10480033	6.59	2 1-	2 ACSR 6/1	0	0	656	159	7	0	1	0.00	6.41	0
10480032	10480033	6.64	59 3-	1/0 ACSR 6/1	874	773	652	159	360	16	7	0.01	7.72	21
10480040	10480032	6.69	5 1-	2 ACSR 6/1	0	0	646	159	31	4	2	0.00	6.39	0
10480031	10480040	6.74	1 1-	2 ACSR 6/1	0	0	641	159	8	1	1	0.00	6.39	0
10480024	10480032	6.74	54 3-	1/0 ACSR 6/1	863	762	643	159	329	14	7	0.02	7.74	22
D10-48-P200	10480024	6.74	52 1-	RBC-50-L	0	0	643	159	311	42	85	0.00	10.05	0
10480036	D10-48-P200	6.79	52 1-	2 ACSR 6/1	0	0	638	159	311	42	24	0.05	10.11	14
10480037	10480036	6.86	48 1-	2 ACSR 6/1	0	0	631	158	290	39	22	0.08	10.19	20
10480038	10480037	6.90	3 1-	2 ACSR 6/1	0	0	626	158	12	1	1	0.00	10.19	0
10480030	10480037	6.90	45 1-	2 ACSR 6/1	0	0	626	158	277	37	21	0.05	10.23	11
10480043	10480030	6.93	44 1-	2 ACSR 6/1	0	0	623	158	266	36	20	0.03	10.26	7
10480044	10480043	7.13	41 1-	2 ACSR 6/1	0	0	603	156	248	33	19	0.19	10.45	39
10480046	10480044	7.19	37 1-	2 ACSR 6/1	0	0	598	156	219	30	17	0.04	10.50	8
10480047	10480046	7.24	35 1-	2 ACSR 6/1	0	0	593	156	213	29	16	0.05	10.54	9
10480059	10480047	7.31	1 1-	2 ACSR 6/1	0	0	586	155	5	0	0	0.00	10.54	0
10480051	10480047	7.28	27 1-	2 ACSR 6/1	0	0	589	155	170	23	13	0.03	10.57	4
10480039	10480051	7.35	2 1-	15 KV 2 URD XLP	0	0	582	300	8	1	1	0.00	10.57	0
10480052	10480051	7.32	25 1-	2 ACSR 6/1	0	0	585	155	162	22	12	0.02	10.59	3
10480058	10480052	7.37	2 1-	2 ACSR 6/1	0	0	581	155	16	2	1	0.00	10.60	0
10480053	10480052	7.42	22 1-	2 ACSR 6/1	0	0	577	155	139	19	11	0.05	10.64	6
10480057	10480053	7.49	2 1-	2 ACSR 6/1	0	0	570	154	9	1	1	0.00	10.65	0
10480054	10480053	7.48	1 1-	2 ACSR 6/1	0	0	571	154	11	1	1	0.00	10.65	0
10480023	10480053	7.51	19 1-	2 ACSR 6/1	0	0	569	154	119	16	9	0.04	10.69	4
10480060	10480023	7.56	10 1-	2 ACSR 6/1	0	0	565	154	75	10	6	0.01	10.70	0
10480073	10480060	7.64	8 1-	2 ACSR 6/1	0	0	557	153	61	8	5	0.02	10.72	0
10480072	10480073	7.71	4 1-	2 ACSR 6/1	0	0	552	153	35	4	3	0.01	10.72	0
10480071	10480072	7.77	3 1-	2 ACSR 6/1	0	0	548	153	25	3	2	0.00	10.73	0
10480091	10480071	7.80	1 1-	2 ACSR 6/1	0	0	545	152	10	1	1	0.00	10.73	0
10480062	10480023	7.56	9 1-	2 ACSR 6/1	0	0	565	154	44	6	3	0.01	10.70	0
10480074	10480062	7.59	1 1-	2 ACSR 6/1	0	0	562	154	8	1	1	0.00	10.70	0
10480063	10480062	7.62	8 1-	2 ACSR 6/1	0	0	560	153	36	4	3	0.01	10.70	0
10480075	10480063	7.67	4 1-	2 ACSR 6/1	0	0	555	153	16	2	1	0.00	10.71	0
10480076	10480075	7.74	3 1-	2 ACSR 6/1	0	0	550	153	13	1	1	0.00	10.71	0
10480064	10480076	7.82	2 1-	2 ACSR 6/1	0	0	543	152	6	0	0	0.00	10.71	0
10480061	10480064	7.97	1 1-	2 ACSR 6/1	0	0	532	151	3	0	0	0.00	10.71	0
10480048	10480047	7.27	7 1-	2 ACSR 6/1	0	0	590	156	38	5	3	0.00	10.55	0
10480049	10480048	7.39	7 1-	2 ACSR 6/1	0	0	579	155	38	5	3	0.02	10.56	0
10480056	10480049	7.45	3 1-	2 ACSR 6/1	0	0	574	154	22	2	2	0.00	10.57	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10480087	10480056	7.51	3 1-	2 ACSR 6/1	0	0	569	154	22	2	2	0.00	10.57	0
10480088	10480087	7.56	1 1-	2 ACSR 6/1	0	0	564	154	8	1	1	0.00	10.57	0
10480050	10480088	7.62	1 1-	2 ACSR 6/1	0	0	560	153	8	1	1	0.00	10.58	0
10480055	10480049	7.45	4 1-	2 ACSR 6/1	0	0	574	154	16	2	1	0.00	10.57	0
10480042	10480044	7.29	3 1-	2 ACSR 6/1	0	0	589	155	17	2	1	0.01	10.46	0
10480045	10480042	7.35	1 1-	2 ACSR 6/1	0	0	583	155	5	0	0	0.00	10.46	0
10480069	10480024	6.80	2 3-	1/0 ACSR 6/1	856	756	637	159	18	0	0	0.00	7.74	0
10480068	10480069	6.88	0 3-	1/0 ACSR 6/1	847	748	631	158	0	0	0	0.00	7.74	0
10-49-P142-B	10480068	6.88	0 3-	Open	847	748	631	158	0	0	0	0.00	7.74	0
10480070	10480069	6.86	1 1-	2 ACSR 6/1	0	0	632	158	9	1	1	0.00	10.06	0
10380023	10380015	6.35	1 1-	2 ACSR 6/1	0	0	679	160	3	0	0	0.00	6.77	0
10380017	10380021	6.02	2 1-	2 ACSR 6/1	0	0	714	162	12	1	1	0.00	6.52	0
10380022	10380017	6.07	1 1-	2 ACSR 6/1	0	0	707	162	4	0	0	0.00	6.52	0
10380018	10380028	5.90	1 1-	2 ACSR 6/1	0	0	724	162	3	0	0	0.00	6.55	0
10380032	10380031	5.59	2 1-	2 ACSR 6/1	0	0	764	164	15	1	1	0.00	6.59	0
10380030	10380032	5.62	1 1-	2 ACSR 6/1	0	0	760	164	8	0	1	0.00	6.59	0
10380027	10380032	5.63	1 1-	2 ACSR 6/1	0	0	757	164	8	0	1	0.00	6.59	0
10380025	10280025	5.47	6 1-	2 ACSR 6/1	0	0	779	164	19	2	1	0.00	6.66	0
10380026	10380025	5.76	4 1-	2 ACSR 6/1	0	0	736	163	8	1	1	0.01	6.67	0
10280017	10380026	5.84	3 1-	2 ACSR 6/1	0	0	724	162	7	0	0	0.00	6.67	0
10280019	10280017	5.94	2 1-	2 ACSR 6/1	0	0	712	161	4	0	0	0.00	6.67	0
10280020	10280019	6.02	1 1-	2 ACSR 6/1	0	0	701	161	2	0	0	0.00	6.67	0
10280018	10280017	5.91	1 1-	2 ACSR 6/1	0	0	716	162	2	0	0	0.00	6.67	0
10280023	10280012	5.23	1 1-	2 ACSR 6/1	0	0	811	166	1	0	0	0.00	6.63	0
10280032	10280010	5.16	18 1-	2 ACSR 6/1	0	0	821	166	94	12	7	0.02	6.65	1
10280033	10280032	5.20	17 1-	2 ACSR 6/1	0	0	815	166	85	11	6	0.01	6.66	0
10280022	10280033	5.24	1 1-	2 ACSR 6/1	0	0	808	165	3	0	0	0.00	6.66	0
10280016	10280033	5.27	16 1-	2 ACSR 6/1	0	0	803	165	82	10	6	0.02	6.68	1
10280021	10280016	5.33	15 1-	2 ACSR 6/1	0	0	793	165	72	9	5	0.02	6.70	0
10280013	10280021	5.39	13 1-	2 ACSR 6/1	0	0	783	164	63	8	5	0.01	6.71	0
10280014	10280013	5.45	12 1-	2 ACSR 6/1	0	0	773	164	57	7	4	0.01	6.72	0
10280015	10280014	5.50	9 1-	2 ACSR 6/1	0	0	765	164	45	5	3	0.01	6.73	0
10270023	10280015	5.70	7 1-	2 ACSR 6/1	0	0	736	162	34	4	3	0.02	6.75	0
10370031	10270023	5.77	6 1-	2 ACSR 6/1	0	0	725	162	30	4	2	0.01	6.76	0
10370050	10370031	5.87	3 1-	2 ACSR 6/1	0	0	712	161	20	2	2	0.01	6.77	0
10370051	10370050	5.92	2 1-	2 ACSR 6/1	0	0	706	161	17	2	1	0.00	6.77	0
10270051	10270036	4.20	154 3-	1/0 ACSR 6/1	1304	1168	990	171	939	41	18	0.11	6.74	67
10270030	10270051	4.28	153 3-	1/0 ACSR 6/1	1284	1149	974	170	925	41	18	0.09	6.79	57
10270031	10270030	4.36	152 3-	1/0 ACSR 6/1	1264	1131	958	170	915	40	18	0.09	6.84	56
10270032	10270031	4.44	151 3-	1/0 ACSR 6/1	1245	1113	943	169	903	40	17	0.09	6.89	58
10270019	10270032	4.48	35 1-	2 ACSR 6/1	0	0	932	169	189	25	14	0.03	6.80	5
D10-27-P042	10270019	4.48	32 1-	REC-35-H	0	0	932	169	168	22	64	0.00	6.80	0
10270034	D10-27-P042	4.51	32 1-	2 ACSR 6/1	0	0	925	169	168	22	12	0.02	6.82	3
10270069	10270034	4.56	31 1-	2 ACSR 6/1	0	0	916	169	164	21	12	0.02	6.85	3
10270070	10270069	4.61	30 1-	2 ACSR 6/1	0	0	905	168	159	21	12	0.03	6.88	4
10270035	10270070	4.70	28 1-	2 ACSR 6/1	0	0	886	168	151	20	11	0.05	6.93	6
10170041	10270035	4.75	17 1-	2 ACSR 6/1	0	0	876	167	90	11	7	0.02	6.95	1
10170053	10170041	4.83	1 1-	2 ACSR 6/1	0	0	860	167	9	1	1	0.00	6.95	0
10170017	10170041	4.80	16 1-	2 ACSR 6/1	0	0	865	167	81	10	6	0.02	6.96	1
10180017	10170017	4.88	15 1-	2 ACSR 6/1	0	0	850	166	81	10	6	0.02	6.99	1
10180018	10180017	4.97	13 1-	2 ACSR 6/1	0	0	833	166	68	9	5	0.02	7.01	1
10180020	10180018	5.05	11 1-	2 ACSR 6/1	0	0	819	165	57	7	4	0.02	7.02	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10180011	10180020	5.19	8 1-	2 ACSR 6/1	0	0	795	164	50	6	4	0.03	7.05	1
10180012	10180011	5.27	8 1-	2 ACSR 6/1	0	0	782	164	50	6	4	0.01	7.06	0
10180009	10180012	5.35	7 1-	2 ACSR 6/1	0	0	769	163	44	5	3	0.01	7.08	0
10180024	10180009	5.45	6 1-	2 ACSR 6/1	0	0	753	163	43	5	3	0.02	7.09	0
10180025	10180024	5.55	6 1-	2 ACSR 6/1	0	0	740	162	43	5	3	0.01	7.11	0
10180013	10180025	5.60	4 1-	2 ACSR 6/1	0	0	731	162	30	3	2	0.01	7.11	0
10180016	10180013	5.72	2 1-	2 ACSR 6/1	0	0	715	161	16	2	1	0.01	7.12	0
10180015	10180016	5.78	1 1-	2 ACSR 6/1	0	0	707	160	7	0	1	0.00	7.12	0
10280009	10180015	5.86	0 1-	2 ACSR 6/1	0	0	697	160	0	0	0	0.00	7.12	0
10280011	10180015	6.01	1 1-	2 ACSR 6/1	0	0	678	159	7	0	1	0.00	7.12	0
10180014	10180013	5.65	2 1-	2 ACSR 6/1	0	0	724	161	14	1	1	0.00	7.11	0
10180010	10180009	5.53	1 1-	2 ACSR 6/1	0	0	742	162	0	0	0	0.00	7.08	0
10180021	10180020	5.15	2 1-	2 ACSR 6/1	0	0	801	165	6	0	0	0.00	7.03	0
10280029	10180021	5.33	1 1-	2 ACSR 6/1	0	0	772	163	3	0	0	0.00	7.03	0
10180008	10170017	4.88	0 1-	2 ACSR 6/1	0	0	850	166	0	0	0	0.00	6.96	0
10170042	10270035	4.77	9 1-	2 ACSR 6/1	0	0	871	167	52	6	4	0.01	6.94	0
10170043	10170042	4.86	7 1-	2 ACSR 6/1	0	0	853	167	39	5	3	0.01	6.95	0
10170060	10170043	4.91	3 1-	2 ACSR 6/1	0	0	844	166	18	2	1	0.00	6.95	0
10170044	10170043	4.92	2 1-	2 ACSR 6/1	0	0	842	166	7	0	1	0.00	6.95	0
10170045	10170044	4.95	1 1-	2 ACSR 6/1	0	0	837	166	6	0	0	0.00	6.95	0
10270033	10270019	4.52	2 1-	2 ACSR 6/1	0	0	924	169	10	1	1	0.00	6.81	0
10270021	10270019	4.57	1 1-	2 ACSR 6/1	0	0	914	169	10	1	1	0.00	6.81	0
10270018	10270032	4.51	116 3-	1/0 ACSR 6/1	1229	1098	930	169	714	31	14	0.10	6.93	43
10270020	10270018	4.58	1 1-	2 ACSR 6/1	0	0	913	169	6	0	0	0.00	6.80	0
10270022	10270018	4.68	115 3-	1/0 ACSR 6/1	1190	1062	899	168	708	31	14	0.24	7.01	105
10170051	10270022	4.76	111 3-	1/0 ACSR 6/1	1173	1046	885	168	653	29	13	0.11	7.04	48
10170050	10170051	4.78	40 1-	2 ACSR 6/1	0	0	881	168	265	35	20	0.02	7.37	5
d10-17-P065	10170050	4.78	40 1-	REC-35-H	0	0	881	168	265	35	101	0.00	7.37	0
10170027	d10-17-P065	4.97	40 1-	2 ACSR 6/1	0	0	844	166	265	35	20	0.19	7.56	42
10170031	10170027	5.06	1 1-	2 ACSR 6/1	0	0	827	166	8	1	1	0.00	7.56	0
10170065	10170027	5.03	38 1-	2 ACSR 6/1	0	0	834	166	252	33	19	0.05	7.61	11
10170066	10170065	5.19	38 1-	2 ACSR 6/1	0	0	805	165	252	33	19	0.16	7.77	33
10170032	10170066	5.30	36 1-	2 ACSR 6/1	0	0	786	164	247	33	18	0.10	7.87	21
10170033	10170032	5.40	35 1-	2 ACSR 6/1	0	0	771	164	244	32	18	0.09	7.96	18
10170028	10170033	5.50	35 1-	2 ACSR 6/1	0	0	756	163	244	32	18	0.09	8.05	19
10170029	10170028	5.55	34 1-	2 ACSR 6/1	0	0	748	163	242	32	18	0.05	8.10	10
10170030	10170029	5.66	33 1-	2 ACSR 6/1	0	0	732	162	238	32	18	0.10	8.20	19
10170034	10170030	5.75	32 1-	2 ACSR 6/1	0	0	719	161	229	30	17	0.08	8.28	15
10170039	10170034	5.79	2 1-	2 ACSR 6/1	0	0	714	161	7	0	1	0.00	8.28	0
10170038	10170034	5.81	29 1-	2 ACSR 6/1	0	0	711	161	220	29	16	0.05	8.33	9
10170035	10170038	5.87	28 1-	2 ACSR 6/1	0	0	703	161	211	28	16	0.05	8.38	9
10170040	10170035	5.91	27 1-	2 ACSR 6/1	0	0	699	160	211	28	16	0.03	8.41	5
10160005	10170040	6.04	25 1-	2 ACSR 6/1	0	0	682	160	188	25	14	0.09	8.50	15
10060010	10160005	6.13	25 1-	2 ACSR 6/1	0	0	671	159	188	25	14	0.06	8.57	10
10060007	10060010	6.16	22 1-	2 ACSR 6/1	0	0	667	159	177	23	13	0.02	8.58	3
10060008	10060007	6.22	21 1-	2 ACSR 6/1	0	0	660	158	163	22	12	0.04	8.62	5
10060006	10060008	6.33	20 1-	2 ACSR 6/1	0	0	648	158	154	20	12	0.06	8.69	8
10060002	10060006	6.93	19 1-	2 ACSR 6/1	0	0	587	154	151	20	11	0.34	9.02	42
4960003	10060002	7.00	18 1-	2 ACSR 6/1	0	0	580	154	142	19	11	0.04	9.06	4
4960004	4960003	7.09	15 1-	2 ACSR 6/1	0	0	572	153	118	15	9	0.04	9.09	3
4960007	4960004	7.19	11 1-	2 ACSR 6/1	0	0	564	153	86	11	6	0.03	9.12	2
4960009	4960007	7.41	9 1-	2 ACSR 6/1	0	0	545	151	65	8	5	0.06	9.18	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
4950015	4960009	7.53	1 1-	2 ACSR 6/1	0	0	536	151	8	1	1	0.00	9.18	0
4950021	4960009	7.48	8 1-	2 ACSR 6/1	0	0	540	151	58	7	4	0.01	9.19	0
4950025	4950021	7.53	2 1-	2 ACSR 6/1	0	0	536	151	11	1	1	0.00	9.19	0
4950023	4950021	7.58	3 1-	2 ACSR 6/1	0	0	532	150	29	3	2	0.01	9.20	0
4950024	4950023	7.73	2 1-	2 ACSR 6/1	0	0	521	149	17	2	1	0.01	9.21	0
4850005	4950024	8.02	1 1-	2 ACSR 6/1	0	0	501	148	11	1	1	0.01	9.22	0
4850004	4950024	7.78	1 1-	2 ACSR 6/1	0	0	517	149	5	0	0	0.00	9.21	0
4850009	4850004	7.91	0 1-	2 ACSR 6/1	0	0	508	148	0	0	0	0.00	9.21	0
4950022	4950021	7.54	1 1-	2 ACSR 6/1	0	0	536	151	8	1	1	0.00	9.19	0
4960005	4960004	7.15	1 1-	2 ACSR 6/1	0	0	567	153	6	0	0	0.00	9.10	0
4960006	4960005	7.18	0 1-	2 ACSR 6/1	0	0	564	153	0	0	0	0.00	9.10	0
10060009	10160005	6.07	0 1-	2 ACSR 6/1	0	0	678	159	0	0	0	0.00	8.50	0
10160004	10170040	5.95	1 1-	2 ACSR 6/1	0	0	693	160	12	1	1	0.00	8.41	0
10170036	10170038	5.88	1 1-	2 ACSR 6/1	0	0	702	161	9	1	1	0.00	8.33	0
10170037	10170036	5.98	0 1-	2 ACSR 6/1	0	0	689	160	0	0	0	0.00	8.33	0
10170016	10170033	5.49	0 1-	2 ACSR 6/1	0	0	756	163	0	0	0	0.00	7.96	0
10170049	10170051	4.85	70 3-	2 ACSR 6/1	1149	1024	867	167	384	17	10	0.09	7.08	23
10170047	10170049	4.95	69 3-	2 ACSR 6/1	1123	999	847	167	380	16	9	0.10	7.12	26
D10-17-P022	10170047	4.95	69 3-	RBC-35-H	1123	999	847	167	380	16	48	0.00	7.12	0
10170048	D10-17-P022	5.08	69 3-	2 ACSR 6/1	1092	970	823	166	380	16	9	0.13	7.17	33
10170059	10170048	5.24	68 3-	2 ACSR 6/1	1057	938	797	165	373	16	9	0.15	7.23	40
10170063	10170059	5.33	5 1-	2 ACSR 6/1	0	0	782	164	29	3	2	0.01	7.12	0
10170064	10170063	5.56	4 1-	2 ACSR 6/1	0	0	746	163	22	2	2	0.02	7.14	0
10170058	10170064	5.67	2 1-	2 ACSR 6/1	0	0	731	162	8	1	1	0.00	7.14	0
10180019	10170058	5.85	1 1-	2 ACSR 6/1	0	0	706	161	6	0	0	0.00	7.14	0
10170057	10170064	5.63	1 1-	2 ACSR 6/1	0	0	736	162	9	1	1	0.00	7.14	0
10170055	10170059	5.32	61 3-	2 ACSR 6/1	1039	921	783	164	340	15	8	0.09	7.26	21
10170056	10170055	5.42	60 3-	2 ACSR 6/1	1018	901	767	163	339	15	8	0.10	7.30	25
10170054	10170056	5.47	1 1-	2 ACSR 6/1	0	0	760	163	5	0	0	0.00	7.17	0
10170025	10170056	5.51	59 3-	2 ACSR 6/1	1000	884	753	163	334	14	8	0.10	7.33	23
10170026	10170025	5.59	58 3-	2 ACSR 6/1	984	870	741	162	327	14	8	0.08	7.36	20
10070005	10170026	5.69	1 1-	2 ACSR 6/1	0	0	727	162	8	1	1	0.00	7.22	0
10070006	10170026	5.81	55 3-	2 ACSR 6/1	944	832	711	161	301	13	7	0.21	7.43	47
10070007	10070006	6.08	54 3-	2 ACSR 6/1	897	790	676	159	291	13	7	0.26	7.51	60
4970026	10070007	6.14	53 3-	2 ACSR 6/1	889	782	670	159	289	12	7	0.05	7.53	11
4970042	4970026	6.22	2 1-	2 ACSR 6/1	0	0	660	158	12	1	1	0.00	7.36	0
4970043	4970042	6.26	1 1-	2 ACSR 6/1	0	0	655	158	10	1	1	0.00	7.36	0
4970009	4970026	6.25	51 3-	2 ACSR 6/1	871	766	656	158	277	12	7	0.11	7.56	25
4970035	4970009	6.28	5 1-	2 ACSR 6/1	0	0	653	158	17	2	1	0.00	7.38	0
4970036	4970035	6.34	5 1-	2 ACSR 6/1	0	0	647	158	17	2	1	0.00	7.39	0
4970037	4970036	6.39	1 1-	2 ACSR 6/1	0	0	641	157	8	1	1	0.00	7.39	0
4970027	4970036	6.40	4 1-	2 ACSR 6/1	0	0	640	157	9	1	1	0.00	7.39	0
4970028	4970027	6.49	3 1-	2 ACSR 6/1	0	0	630	157	6	0	0	0.00	7.39	0
4970039	4970028	6.58	3 1-	2 ACSR 6/1	0	0	621	156	6	0	0	0.00	7.39	0
4970040	4970039	6.70	1 1-	2 ACSR 6/1	0	0	609	155	2	0	0	0.00	7.39	0
4970041	4970040	6.80	0 1-	2 ACSR 6/1	0	0	599	155	0	0	0	0.00	7.39	0
4970038	4970039	6.92	1 1-	2 ACSR 6/1	0	0	588	154	1	0	0	0.00	7.39	0
4880001	4970038	7.00	1 1-	2 ACSR 6/1	0	0	580	154	1	0	0	0.00	7.39	0
4970029	4970009	6.44	46 1-	2 ACSR 6/1	0	0	635	157	260	35	20	0.19	9.02	41
4970030	4970029	6.50	45 1-	2 ACSR 6/1	0	0	629	157	248	33	19	0.06	9.07	11
4970031	4970030	6.59	44 1-	2 ACSR 6/1	0	0	619	156	242	32	18	0.09	9.16	18
4970033	4970031	6.65	44 1-	2 ACSR 6/1	0	0	613	156	241	32	18	0.05	9.21	10

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
4970034	4970033	6.73	43 1-	2 ACSR 6/1	0	0	605	155	232	31 18	0.08	9.28	15	12
4870030	4970034	6.81	42 1-	2 ACSR 6/1	0	0	597	155	222	30 17	0.07	9.35	12	15
4870031	4870030	6.86	41 1-	2 ACSR 6/1	0	0	593	154	209	28 16	0.04	9.39	7	7
4870038	4870031	6.92	1 1-	2 ACSR 6/1	0	0	588	154	7	1 1	0.00	9.39	0	0
4870036	4870031	7.03	40 1-	2 ACSR 6/1	0	0	578	153	202	27 15	0.13	9.52	22	22
4870037	4870036	7.09	39 1-	2 ACSR 6/1	0	0	572	153	197	26 15	0.05	9.56	8	8
4870035	4870037	7.37	28 1-	2 ACSR 6/1	0	0	548	151	148	20 11	0.16	9.72	20	20
4870034	4870035	7.44	26 1-	2 ACSR 6/1	0	0	543	151	144	19 11	0.04	9.76	4	4
4860011	4870034	7.55	24 1-	2 ACSR 6/1	0	0	535	150	133	18 10	0.06	9.82	6	6
4860012	4860011	7.59	2 1-	2 ACSR 6/1	0	0	532	150	15	2 1	0.00	9.82	0	0
4860010	4860011	7.72	22 1-	2 ACSR 6/1	0	0	522	150	118	16 9	0.08	9.89	8	8
D04-86-P013	4860010	7.72	22 1-	SEC-35-GH	0	0	522	150	118	16 0	0.00	9.89	0	0
4860020	D04-86-P013	7.79	22 1-	2 ACSR 6/1	0	0	517	149	118	16 9	0.03	9.92	3	3
4860021	4860020	7.95	20 1-	2 ACSR 6/1	0	0	506	148	111	15 8	0.07	9.99	7	7
4760010	4860021	8.10	10 1-	2 ACSR 6/1	0	0	495	147	68	9 5	0.04	10.03	2	2
4760012	4760010	8.24	8 1-	2 ACSR 6/1	0	0	486	147	45	6 3	0.02	10.05	0	0
4760008	4760012	8.41	7 1-	2 ACSR 6/1	0	0	475	146	33	4 3	0.02	10.07	0	0
4760019	4760008	8.57	2 1-	2 ACSR 6/1	0	0	466	145	6	0 0	0.00	10.07	0	0
4760020	4760019	8.79	1 1-	2 ACSR 6/1	0	0	453	144	1	0 0	0.00	10.07	0	0
4760009	4760008	8.47	4 1-	2 ACSR 6/1	0	0	472	145	19	2 1	0.00	10.07	0	0
4760007	4760009	8.54	2 1-	2 ACSR 6/1	0	0	468	145	12	1 1	0.00	10.07	0	0
4760021	4760007	8.98	1 1-	2 ACSR 6/1	0	0	443	143	7	0 1	0.01	10.09	0	0
4760022	4760021	9.06	1 1-	2 ACSR 6/1	0	0	439	142	7	0 1	0.00	10.09	0	0
4760011	4760010	8.16	1 1-	2 ACSR 6/1	0	0	492	147	11	1 1	0.00	10.03	0	0
4760005	4860021	8.00	10 1-	2 ACSR 6/1	0	0	502	148	42	5 3	0.01	10.00	0	0
4760006	4760005	8.05	9 1-	2 ACSR 6/1	0	0	499	148	41	5 3	0.01	10.01	0	0
4760015	4760006	8.14	1 1-	2 ACSR 6/1	0	0	493	147	0	0 0	0.00	10.01	0	0
4760016	4760006	8.27	8 1-	2 ACSR 6/1	0	0	484	146	40	5 3	0.04	10.04	1	1
4860023	4760016	8.39	5 1-	2 ACSR 6/1	0	0	477	146	18	2 1	0.01	10.05	0	0
4860024	4860023	8.52	4 1-	2 ACSR 6/1	0	0	469	145	17	2 1	0.01	10.06	0	0
4860026	4860024	8.58	2 1-	2 ACSR 6/1	0	0	466	145	11	1 1	0.00	10.06	0	0
4860025	4860024	8.64	0 1-	2 ACSR 6/1	0	0	462	145	0	0 0	0.00	10.06	0	0
4860022	4760016	8.42	2 1-	2 ACSR 6/1	0	0	475	146	22	2 2	0.01	10.05	0	0
4870033	4870035	7.43	1 1-	2 ACSR 6/1	0	0	544	151	0	0 0	0.00	9.72	0	0
4870010	4870037	7.17	11 1-	2 ACSR 6/1	0	0	565	153	49	6 4	0.02	9.58	0	0
4870032	4870010	7.25	2 1-	2 ACSR 6/1	0	0	559	152	11	1 1	0.00	9.58	0	0
4870011	4870010	7.21	9 1-	2 ACSR 6/1	0	0	562	152	37	5 3	0.00	9.58	0	0
D04-87-P014	4870011	7.21	9 1-	SEC-35-GH	0	0	562	152	37	5 0	0.00	9.58	0	0
4870012	D04-87-P014	7.37	9 1-	2 ACSR 6/1	0	0	549	152	37	5 3	0.02	9.61	0	0
4870039	4870012	7.49	1 1-	2 ACSR 6/1	0	0	539	151	5	0 0	0.00	9.61	0	0
4870044	4870012	7.53	7 1-	2 ACSR 6/1	0	0	536	151	24	3 2	0.01	9.62	0	0
4870045	4870044	7.81	6 1-	2 ACSR 6/1	0	0	515	149	18	2 1	0.02	9.64	0	0
4870042	4870045	7.98	4 1-	2 ACSR 6/1	0	0	503	148	12	1 1	0.01	9.65	0	0
4870043	4870042	8.12	4 1-	2 ACSR 6/1	0	0	494	147	12	1 1	0.01	9.65	0	0
4770011	4870043	8.54	2 1-	2 ACSR 6/1	0	0	468	145	12	1 1	0.02	9.67	0	0
4770012	4770011	8.64	2 1-	2 ACSR 6/1	0	0	462	144	12	1 1	0.00	9.68	0	0
4770006	4770012	8.72	2 1-	2 ACSR 6/1	0	0	457	144	12	1 1	0.00	9.68	0	0
4770007	4770006	8.98	1 1-	2 ACSR 6/1	0	0	443	143	8	1 1	0.01	9.69	0	0
4780004	4770007	9.02	1 1-	2 ACSR 6/1	0	0	441	143	8	1 1	0.00	9.69	0	0
4780003	4770007	9.02	0 1-	2 ACSR 6/1	0	0	441	143	0	0 0	0.00	9.69	0	0
4770005	4770012	8.74	0 1-	2 ACSR 6/1	0	0	456	144	0	0 0	0.00	9.68	0	0
4770008	4870043	8.30	0 1-	2 ACSR 6/1	0	0	483	146	0	0 0	0.00	9.65	0	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
4870041	4870045	7.84	2 1-	2 ACSR 6/1	0	0	513	149	5	0	0	0.00	9.64	0
4870040	4870012	7.47	1 1-	2 ACSR 6/1	0	0	541	151	8	1	1	0.00	9.61	0
4870029	4970034	6.90	1 1-	2 ACSR 6/1	0	0	589	154	10	1	1	0.00	9.29	0
10070004	10170026	5.70	2 1-	2 ACSR 6/1	0	0	726	162	19	2	1	0.01	8.20	0
10070008	10070004	5.74	2 1-	2 ACSR 6/1	0	0	721	161	19	2	1	0.00	8.20	0
10070009	10070008	5.89	1 1-	2 ACSR 6/1	0	0	700	160	9	1	1	0.00	8.20	0
10170052	10170059	5.31	2 1-	2 ACSR 6/1	0	0	786	164	4	0	0	0.00	7.11	0
10170046	10270022	4.73	2 1-	2 ACSR 6/1	0	0	889	168	14	1	1	0.00	6.88	0
10270026	10270030	4.44	1 1-	2 ACSR 6/1	0	0	937	169	9	1	1	0.00	6.72	0
10270056	10270059	3.83	1 1-	2 ACSR 6/1	0	0	1073	172	6	0	0	0.00	6.10	0
10360021	10370056	2.90	89 3-	1/0 ACSR 6/1	1755	1594	1363	177	538	23	10	0.04	4.99	17
D10-36-P028	10360021	2.90	89 3-	REC-50-4H	1755	1594	1363	177	538	23	47	0.00	4.99	0
10360033	D10-36-P028	3.01	89 3-	1/0 ACSR 6/1	1706	1546	1321	176	538	23	10	0.04	5.03	20
10360034	10360033	3.08	87 3-	1/0 ACSR 6/1	1677	1519	1297	176	530	23	10	0.03	5.05	12
10360028	10360034	3.14	85 3-	1/0 ACSR 6/1	1650	1493	1274	176	523	22	10	0.02	5.08	11
10360044	10360028	3.21	82 3-	1/0 ACSR 6/1	1623	1467	1251	175	503	22	10	0.02	5.10	11
10260031	10360044	3.32	81 3-	1/0 ACSR 6/1	1582	1429	1217	175	492	21	9	0.03	5.13	17
10260032	10260031	3.43	79 3-	1/0 ACSR 6/1	1540	1389	1182	174	478	20	9	0.03	5.17	18
10260034	10260032	3.49	77 3-	1/0 ACSR 6/1	1519	1369	1165	174	477	20	9	0.02	5.19	9
10260036	10260034	3.53	75 3-	1/0 ACSR 6/1	1505	1356	1153	174	469	20	9	0.01	5.20	6
10260039	10260036	3.65	73 3-	1/0 ACSR 6/1	1464	1318	1120	173	457	20	9	0.03	5.24	17
10260041	10260039	3.70	10 1-	2 ACSR 6/1	0	0	1104	173	58	7	4	0.01	4.93	0
10260038	10260041	3.73	7 1-	2 ACSR 6/1	0	0	1096	173	37	4	3	0.00	4.93	0
10260063	10260038	3.76	6 1-	2 ACSR 6/1	0	0	1087	172	29	3	2	0.00	4.94	0
10260065	10260063	3.80	1 1-	2 ACSR 6/1	0	0	1073	172	9	1	1	0.00	4.94	0
10260064	10260063	3.79	5 1-	2 ACSR 6/1	0	0	1078	172	20	2	1	0.00	4.94	0
10260066	10260064	3.82	4 1-	2 ACSR 6/1	0	0	1068	172	16	2	1	0.00	4.94	0
D10-26-P016	10260066	3.82	4 1-	FUS	0	0	1068	172	16	2	47	0.00	4.94	0
10260015	D10-26-P016	3.91	4 1-	2 ACSR 6/1	0	0	1043	171	16	2	1	0.01	4.94	0
10260043	10260015	4.12	2 1-	2 ACSR 6/1	0	0	987	170	12	1	1	0.01	4.95	0
10260067	10260043	4.17	2 1-	2 ACSR 6/1	0	0	973	170	12	1	1	0.00	4.96	0
D10-26-P021	10260067	4.17	1 1-	FUS-5	0	0	973	170	1	0	3	0.00	4.96	0
10260068	D10-26-P021	4.19	1 1-	2 ACSR 6/1	0	0	967	169	1	0	0	0.00	4.96	0
10260042	10260015	3.96	2 1-	2 ACSR 6/1	0	0	1028	171	3	0	0	0.00	4.95	0
10260018	10260041	3.74	3 1-	2 ACSR 6/1	0	0	1092	173	22	2	2	0.00	4.93	0
10260051	10260018	3.95	1 1-	2 ACSR 6/1	0	0	1031	171	8	1	1	0.00	4.94	0
10260044	10260018	3.79	2 1-	2 ACSR 6/1	0	0	1077	172	14	1	1	0.00	4.93	0
10260040	10260039	3.75	62 3-	1/0 ACSR 6/1	1432	1288	1094	173	391	17	7	0.01	5.27	11
10260052	10260040	3.83	1 1-	2 ACSR 6/1	0	0	1070	172	4	0	0	0.00	5.36	0
10260016	10260040	3.85	61 3-	1/0 ACSR 6/1	1403	1260	1070	172	387	16	7	0.01	5.29	11
10260046	10260016	4.11	60 3-	1/0 ACSR 6/1	1327	1189	1009	171	378	16	7	0.02	5.36	29
10260047	10260046	4.16	59 3-	1/0 ACSR 6/1	1314	1177	998	171	375	16	7	0.00	5.37	5
10260037	10260047	4.20	1 1-	2 ACSR 6/1	0	0	987	170	13	1	1	0.00	4.96	0
10260053	10260047	4.21	57 3-	1/0 ACSR 6/1	1302	1166	989	171	355	15	7	0.00	5.38	4
10260054	10260053	4.28	55 3-	1/0 ACSR 6/1	1283	1148	973	170	344	15	7	0.00	5.40	8
10260033	10260054	4.66	49 3-	1/0 ACSR 6/1	1194	1066	902	168	297	13	6	-0.06	5.48	36
10250005	10260033	4.84	47 3-	1/0 ACSR 6/1	1156	1030	872	167	284	12	5	-0.03	5.51	18
10250004	10250005	5.03	2 1-	2 ACSR 6/1	0	0	835	166	4	0	0	0.00	5.57	0
10250002	10250005	5.23	45 3-	1/0 ACSR 6/1	1080	961	812	166	279	12	5	-0.07	5.58	38
10150033	10250002	5.44	44 3-	1/0 ACSR 6/1	1044	928	784	165	266	11	5	-0.04	5.62	20
10150034	10150033	5.67	7 1-	2 ACSR 6/1	0	0	749	163	49	6	4	0.04	5.74	2
10150037	10150034	5.93	5 1-	2 ACSR 6/1	0	0	712	161	45	5	3	0.04	5.78	1

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10140003	10150037	6.16	4 1-	2 ACSR 6/1	0	0	683	160	34	4	3	0.02	5.80	0
10140004	10140003	6.38	2 1-	2 ACSR 6/1	0	0	657	159	12	1	1	0.01	5.81	0
10140005	10140004	6.42	2 1-	2 ACSR 6/1	0	0	652	158	12	1	1	0.00	5.81	0
10140002	10140005	6.47	1 1-	2 ACSR 6/1	0	0	646	158	2	0	0	0.00	5.81	0
10150011	10150033	5.48	37 1-	2 ACSR 6/1	0	0	778	164	217	28	16	0.03	6.44	6
D10-15-P050	10150011	5.48	35 1-	REC-25-H	0	0	778	164	204	27	108	0.00	6.44	0
10150028	D10-15-P050	5.49	35 1-	2 ACSR 6/1	0	0	776	164	204	27	15	0.01	6.44	1
10150029	10150028	5.51	33 1-	2 ACSR 6/1	0	0	773	164	186	24	14	0.02	6.46	2
10150024	10150029	5.56	1 1-	2 ACSR 6/1	0	0	765	164	3	0	0	0.00	6.46	0
10150012	10150029	5.67	32 1-	2 ACSR 6/1	0	0	749	163	182	24	13	0.11	6.57	16
10150025	10150012	5.71	1 1-	2 ACSR 6/1	0	0	743	163	0	0	0	0.00	6.57	0
10150013	10150012	5.76	31 1-	2 ACSR 6/1	0	0	735	163	182	24	13	0.06	6.63	10
10150031	10150013	5.95	29 1-	2 ACSR 6/1	0	0	709	161	175	23	13	0.12	6.75	18
10150035	10150031	6.05	26 1-	2 ACSR 6/1	0	0	697	161	169	22	12	0.06	6.81	8
10150041	10150035	6.14	1 1-	2 ACSR 6/1	0	0	685	160	12	1	1	0.00	6.82	0
10150036	10150035	6.15	3 1-	2 ACSR 6/1	0	0	684	160	21	2	2	0.01	6.82	0
10150021	10150036	6.29	1 1-	2 ACSR 6/1	0	0	667	159	1	0	0	0.00	6.82	0
10150020	10150036	6.19	1 1-	2 ACSR 6/1	0	0	679	160	11	1	1	0.00	6.82	0
10150019	10150036	6.18	1 1-	2 ACSR 6/1	0	0	680	160	9	1	1	0.00	6.82	0
10150022	10150035	6.25	21 1-	2 ACSR 6/1	0	0	672	159	134	17	10	0.10	6.91	11
10050010	10150022	6.38	19 1-	2 ACSR 6/1	0	0	656	159	114	15	8	0.06	6.97	5
10050011	10050010	6.45	18 1-	2 ACSR 6/1	0	0	648	158	111	14	8	0.03	7.00	2
10050012	10050011	6.55	17 1-	2 ACSR 6/1	0	0	638	158	101	13	7	0.04	7.03	3
10050014	10050012	6.68	15 1-	2 ACSR 6/1	0	0	623	157	93	12	7	0.05	7.08	3
10050017	10050014	6.73	14 1-	2 ACSR 6/1	0	0	619	156	85	11	6	0.01	7.09	0
10050016	10050017	7.03	9 1-	2 ACSR 6/1	0	0	590	155	64	8	5	0.07	7.16	4
4950019	10050016	7.21	1 1-	2 ACSR 6/1	0	0	573	154	5	0	0	0.00	7.17	0
4950018	10050016	7.14	2 1-	2 ACSR 6/1	0	0	580	154	11	1	1	0.00	7.17	0
4950017	10050016	7.16	6 1-	2 ACSR 6/1	0	0	578	154	47	6	4	0.02	7.19	0
4950020	4950017	7.24	5 1-	2 ACSR 6/1	0	0	570	153	36	4	3	0.01	7.19	0
4950003	4950020	7.32	3 1-	2 ACSR 6/1	0	0	564	153	20	2	1	0.00	7.20	0
4850007	4950003	7.51	1 1-	2 ACSR 6/1	0	0	548	152	4	0	0	0.00	7.20	0
4850006	4950003	7.36	1 1-	2 ACSR 6/1	0	0	560	153	9	1	1	0.00	7.20	0
4950016	10050016	7.09	0 1-	2 ACSR 6/1	0	0	584	154	0	0	0	0.00	7.16	0
10050015	10050017	6.81	3 1-	2 ACSR 6/1	0	0	610	156	12	1	1	0.00	7.09	0
10050013	10050012	6.58	2 1-	2 ACSR 6/1	0	0	634	157	8	1	1	0.00	7.03	0
10050009	10150022	6.32	1 1-	2 ACSR 6/1	0	0	664	159	12	1	1	0.00	6.91	0
10150032	10150031	6.08	0 1-	2 ACSR 6/1	0	0	693	161	0	0	0	0.00	6.75	0
10150030	10150013	5.79	2 1-	2 ACSR 6/1	0	0	731	162	7	0	1	0.00	6.63	0
D10-15-P050A	10150011	5.48	2 1-	REC-25-H	0	0	778	164	13	1	7	0.00	6.44	0
10150026	D10-15-P050A	5.52	2 1-	2 ACSR 6/1	0	0	771	164	13	1	1	0.00	6.44	0
10150027	10150026	5.56	1 1-	2 ACSR 6/1	0	0	765	164	6	0	0	0.00	6.44	0
10260017	10260054	4.31	6 1-	2 ACSR 6/1	0	0	967	170	47	6	3	0.00	4.96	0
D10-26-P004	10260017	4.31	5 1-	FUS	0	0	967	170	40	5	120	0.00	4.96	0
10260030	D10-26-P004	4.58	5 1-	2 ACSR 6/1	0	0	904	168	40	5	3	0.03	4.99	0
10250003	10260030	4.68	4 1-	2 ACSR 6/1	0	0	885	167	25	3	2	0.01	5.00	0
10150038	10250003	4.96	4 1-	2 ACSR 6/1	0	0	830	166	25	3	2	0.02	5.02	0
10150039	10150038	5.11	3 1-	2 ACSR 6/1	0	0	803	165	14	1	1	0.01	5.03	0
10150040	10150039	5.15	2 1-	2 ACSR 6/1	0	0	797	164	7	0	1	0.00	5.03	0
10150023	10250003	4.78	0 1-	2 ACSR 6/1	0	0	865	167	0	0	0	0.00	5.00	0
10160002	10150023	4.85	0 1-	2 ACSR 6/1	0	0	851	166	0	0	0	0.00	5.00	0
10260048	10260017	4.36	1 1-	2 ACSR 6/1	0	0	955	170	6	0	0	0.00	4.96	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10260045	10260016	3.95	1 1-	2 ACSR 6/1	0	0	1041	172	9	1	1	0.00	5.37	0
10260035	10260034	3.52	2 1-	2 ACSR 6/1	0	0	1154	174	8	1	1	0.00	4.88	0
10360029	10360028	3.30	3 1-	2 ACSR 6/1	0	0	1211	175	20	2	1	0.01	5.31	0
10360035	10360029	3.42	1 1-	2 ACSR 6/1	0	0	1170	174	7	0	1	0.00	5.31	0
10370035	10370038	2.79	6 1-	2 ACSR 6/1	0	0	1403	177	30	3	2	0.01	4.80	0
10370036	10370035	2.92	4 1-	2 ACSR 6/1	0	0	1342	176	27	3	2	0.01	4.81	0
D10-37-P072	10370036	2.92	3 1-	FUS-40	0	0	1342	176	21	2	8	0.00	4.81	0
10370053	D10-37-P072	3.04	3 1-	2 ACSR 6/1	0	0	1287	176	21	2	1	0.01	4.82	0
10370055	10370053	3.11	1 1-	2 ACSR 6/1	0	0	1257	175	6	0	0	0.00	4.82	0
10370052	10370055	3.13	0 1-	2 ACSR 6/1	0	0	1251	175	0	0	0	0.00	4.82	0
10370054	10370053	3.09	2 1-	2 ACSR 6/1	0	0	1268	175	15	1	1	0.00	4.82	0
10370034	10370054	3.33	1 1-	2 ACSR 6/1	0	0	1174	173	7	0	1	0.00	4.83	0
10370037	10370029	2.58	3 1-	2 ACSR 6/1	0	0	1501	179	18	2	1	0.00	4.85	0
10370033	10370037	2.62	1 1-	2 ACSR 6/1	0	0	1479	178	4	0	0	0.00	4.85	0
10370032	10370037	2.67	2 1-	2 ACSR 6/1	0	0	1447	178	15	1	1	0.00	4.86	0
10370018	10470040	2.21	0 1-	2 ACSR 6/1	0	0	1695	180	0	0	0	0.00	3.59	0
10470062	10470038	1.64	2 1-	2 ACSR 6/1	0	0	2123	183	34	4	2	0.01	2.42	0
10470061	10470070	1.67	1 1-	2 ACSR 6/1	0	0	2060	183	10	1	1	0.00	1.97	0
10570064	10570094	0.92	0 1-	2 ACSR 6/1	0	0	3061	187	0	0	0	0.00	0.88	0
CKT 3 total losses:	\$17,191													

SUB 21, CKT 4

BK2104	EMMANUEL(21)	0.00	878 3-	BK2104	5109	5225	5430	190	5896	247	62	0.00	0.00	0
10560087	BK2104	0.04	878 3-	336 ACSR 18/1	5032	5129	5290	190	5896	247	47	0.05	0.05	217
10560090	10560087	0.12	878 3-	336 ACSR 18/1	4857	4916	4985	190	5894	247	47	0.11	0.17	511
10560101	10560090	0.20	878 3-	336 ACSR 18/1	4710	4740	4740	190	5889	247	47	0.10	0.27	455
10560102	10560101	0.30	878 3-	336 ACSR 18/1	4538	4534	4462	190	5885	247	47	0.12	0.40	572
10660124	10560102	0.35	2 1-	2 ACSR 6/1	0	0	4280	189	8	1	1	0.00	0.37	0
10660084	10560102	0.33	875 3-	336 ACSR 18/1	4486	4473	4382	189	5861	246	47	0.04	0.44	178
10660120	10660084	0.36	2 1-	2 ACSR 6/1	0	0	4283	189	8	1	1	0.00	0.40	0
10660082	10660084	0.37	873 3-	336 ACSR 18/1	4423	4399	4284	189	5851	246	46	0.05	0.49	224
10660162	10660082	0.41	873 3-	336 ACSR 18/1	4354	4318	4180	189	5849	246	46	0.05	0.55	251
10660178	10660162	0.48	870 3-	336 ACSR 18/1	4247	4195	4022	189	5829	245	46	0.08	0.64	400
10660169	10660178	0.52	870 3-	336 ACSR 18/1	4189	4129	3938	189	5825	245	46	0.05	0.69	227
10660181	10660169	0.55	870 3-	336 ACSR 18/1	4140	4072	3868	189	5823	245	46	0.04	0.73	196
10660171	10660181	0.60	870 3-	336 ACSR 18/1	4073	3997	3774	189	5821	245	46	0.05	0.80	274
10660182	10660171	0.66	685 3-	336 ACSR 18/1	3985	3897	3652	189	4558	192	36	0.05	0.86	242
10660150	10660182	0.80	682 3-	336 ACSR 18/1	3803	3695	3410	188	4538	191	36	0.11	1.00	529
10660152	10660150	0.93	682 3-	336 ACSR 18/1	3659	3537	3225	188	4533	191	36	0.09	1.12	455
10660138	10660152	0.96	0 1-	2 ACSR 6/1	0	0	3147	188	0	0	0	0.00	0.96	0
10660136	10660152	1.01	682 3-	336 ACSR 18/1	3563	3432	3104	188	4529	191	36	0.06	1.21	326
10660153	10660136	1.08	2 1-	2 ACSR 6/1	0	0	2966	187	14	1	1	0.00	0.31	0
10660154	10660136	1.16	680 3-	4/0 ACSR 6/1	3374	3233	2880	187	4512	191	56	0.19	1.44	882
10660155	10660154	1.42	680 3-	4/0 ACSR 6/1	3092	2939	2561	187	4504	191	56	0.33	1.82	1508
D10-66-P211	10660155	1.42	5 1-	FUS-60	0	0	2561	187	38	4	8	0.00	1.55	0
10660085	D10-66-P211	1.49	5 1-	2 ACSR 6/1	0	0	2460	186	38	4	3	0.01	1.56	0
10660164	10660085	1.58	4 1-	2 ACSR 6/1	0	0	2335	185	37	4	3	0.01	1.57	0
10660165	10660164	1.68	3 1-	2 ACSR 6/1	0	0	2221	185	24	3	2	0.01	1.57	0
10660166	10660165	1.78	2 1-	2 ACSR 6/1	0	0	2106	184	10	1	1	0.00	1.57	0
10660121	10660085	1.58	1 1-	2 ACSR 6/1	0	0	2341	185	1	0	0	0.00	1.56	0
10660192	10660155	1.62	675 3-	4/0 ACSR 6/1	2894	2736	2349	186	4452	189	56	0.25	2.13	1199
10-66-P210-B	10660192	1.62	675 3-	closed	2894	2736	2349	186	4441	189	0	0.00	2.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10-66-P210-A	10-66-P210-B	1.62	675 3-	Closed	2894	2736	2349	186	4441	189	0	0.00	2.13	0
10660193	10-66-P210-A	1.67	675 3-	4/0 ACSR 6/1	2854	2695	2307	186	4441	189	56	0.05	2.19	261
10660080	10660193	1.70	674 3-	4/0 ACSR 6/1	2827	2667	2279	186	4429	189	56	0.04	2.24	181
D10-66-P122	10660080	1.70	11 1-	FUS	0	0	2279	186	71	9	209	0.00	4.30	0
10660198	D10-66-P122	2.03	11 1-	2 ACSR 6/1	0	0	1939	183	71	9	5	0.08	4.38	4
10660125	10660198	2.07	8 1-	2 ACSR 6/1	0	0	1906	183	53	6	4	0.01	4.38	0
10660126	10660125	2.09	7 1-	2 ACSR 6/1	0	0	1882	183	43	5	3	0.00	4.39	0
10660127	10660126	2.15	2 1-	2 ACSR 6/1	0	0	1837	182	19	2	1	0.00	4.39	0
10660128	10660127	2.18	1 1-	2 ACSR 6/1	0	0	1815	182	10	1	1	0.00	4.39	0
10660078	10660126	2.32	5 1-	2 ACSR 6/1	0	0	1705	181	23	3	2	0.02	4.41	0
10660079	10660078	2.38	4 1-	2 ACSR 6/1	0	0	1664	180	23	3	2	0.01	4.41	0
10660174	10660079	2.45	4 1-	2 ACSR 6/1	0	0	1616	180	23	3	2	0.01	4.42	0
10660180	10660174	2.51	3 1-	2 ACSR 6/1	0	0	1577	179	16	2	1	0.00	4.42	0
10660190	10660180	2.57	2 1-	2 ACSR 6/1	0	0	1542	179	16	2	1	0.00	4.42	0
10660191	10660190	2.63	1 1-	2 ACSR 6/1	0	0	1508	179	15	1	1	0.00	4.42	0
10660129	10660078	2.46	1 1-	2 ACSR 6/1	0	0	1612	180	0	0	0	0.00	4.41	0
10660123	10660198	2.14	1 1-	2 ACSR 6/1	0	0	1844	182	4	0	0	0.00	4.38	0
10660137	10660080	1.81	663 3-	4/0 ACSR 6/1	2735	2574	2184	185	4357	186	55	0.14	2.40	611
10650172	10660137	1.84	1 1-	2 ACSR 6/1	0	0	2151	185	6	0	0	0.00	4.60	0
10650171	10660137	1.85	661 3-	4/0 ACSR 6/1	2701	2540	2150	185	4341	185	55	0.05	2.46	235
10650093	10650171	1.91	63 3-	1/0 ACSR 6/1	0	0	2088	185	348	14	6	0.03	2.47	7
D10-65-P064	10650093	1.91	63 3-	REC-50-L	0	0	2088	185	348	14	30	0.00	2.47	0
10650146	D10-65-P064	1.98	63 3-	1/0 ACSR 6/1	0	0	2022	184	348	14	6	0.04	2.49	7
10650147	10650146	2.47	62 3-	1/0 ACSR 6/1	0	0	1634	180	340	14	6	0.26	2.59	54
10650148	10650147	2.54	60 3-	1/0 ACSR 6/1	0	0	1585	180	326	13	6	0.04	2.61	8
10650149	10650148	2.64	58 3-	1/0 ACSR 6/1	0	0	1528	179	310	13	6	0.05	2.63	11
10750061	10650149	2.82	50 3-	1/0 ACSR 6/1	0	0	1427	178	279	11	5	0.10	2.66	19
10750062	10750061	2.98	49 3-	1/0 ACSR 6/1	0	0	1351	177	276	11	5	0.09	2.69	17
10750114	10750062	3.16	37 1-	2 ACSR 6/1	0	0	1269	175	236	30	17	0.16	2.84	30
10750115	10750114	3.28	37 1-	2 ACSR 6/1	0	0	1221	174	235	30	17	0.10	2.94	19
10750085	10750115	3.34	4 1-	2 ACSR 6/1	0	0	1201	174	31	4	2	0.00	2.94	0
10750096	10750085	3.36	2 1-	2 ACSR 6/1	0	0	1192	174	16	2	1	0.00	2.95	0
10750098	10750096	3.45	1 1-	2 ACSR 6/1	0	0	1160	173	11	1	1	0.00	2.95	0
10750097	10750096	3.39	1 1-	2 ACSR 6/1	0	0	1181	174	5	0	0	0.00	2.95	0
10750084	10750115	3.33	32 1-	2 ACSR 6/1	0	0	1204	174	204	26	15	0.03	2.97	5
10-75-P079-B	10750084	3.33	32 1-	Closed	0	0	1204	174	204	26	0	0.00	2.97	0
10-75-P079-A	10-75-P079-B	3.33	32 1-	Closed	0	0	1204	174	204	26	0	0.00	2.97	0
10750099	10-75-P079-A	3.38	32 1-	2 ACSR 6/1	0	0	1185	174	204	26	15	0.04	3.01	6
10750088	10750099	3.42	29 1-	2 ACSR 6/1	0	0	1170	173	187	24	13	0.03	3.04	4
10750089	10750088	3.48	25 1-	2 ACSR 6/1	0	0	1148	173	158	20	11	0.03	3.07	4
10750091	10750089	3.52	12 1-	2 ACSR 6/1	0	0	1134	173	58	7	4	0.01	3.08	0
10750093	10750091	3.55	11 1-	2 ACSR 6/1	0	0	1127	172	55	7	4	0.00	3.08	0
10750094	10750093	3.64	9 1-	2 ACSR 6/1	0	0	1098	172	46	5	3	0.01	3.10	0
10750050	10750094	3.73	8 1-	2 ACSR 6/1	0	0	1069	171	36	4	3	0.01	3.11	0
10850006	10750050	3.79	7 1-	2 ACSR 6/1	0	0	1051	171	34	4	2	0.01	3.12	0
10850011	10850006	3.84	2 1-	2 ACSR 6/1	0	0	1036	170	12	1	1	0.00	3.12	0
10850007	10850006	4.10	5 1-	2 ACSR 6/1	0	0	969	169	21	2	2	0.02	3.14	0
10850009	10850007	4.16	4 1-	2 ACSR 6/1	0	0	953	168	16	2	1	0.00	3.14	0
10850010	10850009	4.46	1 1-	2 ACSR 6/1	0	0	887	166	9	1	1	0.00	3.15	0
10850008	10850007	4.14	1 1-	2 ACSR 6/1	0	0	959	166	5	0	0	0.00	3.14	0
10750095	10750094	3.78	1 1-	2 ACSR 6/1	0	0	1054	171	9	1	1	0.00	3.10	0
10750092	10750091	3.56	1 1-	2 ACSR 6/1	0	0	1123	172	3	0	0	0.00	3.08	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10750090	10750089	3.70	11 1-	2 ACSR 6/1	0	0	1079	171	82	10	6	0.06	3.13	4
10740039	10750090	3.75	0 1-	2 ACSR 6/1	0	0	1064	171	0	0	0	0.00	3.13	0
10740024	10750090	3.79	11 1-	2 ACSR 6/1	0	0	1052	171	82	10	6	0.03	3.16	2
D10-74-P021	10740024	3.79	10 1-	FUS	0	0	1052	171	67	8	198	0.00	3.16	0
10740043	D10-74-P021	3.89	10 1-	2 ACSR 6/1	0	0	1024	170	67	8	5	0.02	3.18	0
10740040	10740043	3.93	8 1-	2 ACSR 6/1	0	0	1011	170	42	5	3	0.01	3.19	0
10840014	10740040	3.99	7 1-	2 ACSR 6/1	0	0	997	169	35	4	2	0.01	3.20	0
10840010	10840014	4.04	5 1-	2 ACSR 6/1	0	0	983	169	27	3	2	0.00	3.20	0
10840011	10840010	4.20	3 1-	2 ACSR 6/1	0	0	944	168	23	3	2	0.01	3.22	0
10840009	10840011	4.45	3 1-	2 ACSR 6/1	0	0	889	166	23	3	2	0.02	3.24	0
10740025	10840009	4.56	1 1-	2 ACSR 6/1	0	0	866	166	3	0	0	0.00	3.24	0
10740031	10740025	4.66	0 1-	2 ACSR 6/1	0	0	846	165	0	0	0	0.00	3.24	0
10740030	10740025	4.70	1 1-	2 ACSR 6/1	0	0	840	165	3	0	0	0.00	3.24	0
10740028	10840009	4.52	2 1-	2 ACSR 6/1	0	0	874	166	20	2	1	0.00	3.24	0
10740029	10740028	4.67	1 1-	2 ACSR 6/1	0	0	844	165	13	1	1	0.00	3.25	0
10840008	10840011	4.35	0 1-	2 ACSR 6/1	0	0	909	167	0	0	0	0.00	3.22	0
10840012	10840014	4.03	2 1-	2 ACSR 6/1	0	0	985	169	8	1	1	0.00	3.20	0
10840013	10740040	3.99	1 1-	2 ACSR 6/1	0	0	996	169	7	0	1	0.00	3.19	0
10740026	10740043	3.96	1 1-	2 ACSR 6/1	0	0	1004	170	10	1	1	0.00	3.18	0
10740027	10740024	3.83	1 1-	2 ACSR 6/1	0	0	1039	170	14	1	1	0.00	3.16	0
10750100	10750088	3.50	0 1-	2 ACSR 6/1	0	0	1143	173	0	0	0	0.00	3.04	0
10750048	10750062	3.09	12 1-	2 ACSR 6/1	0	0	1300	176	40	5	3	0.02	5.03	0
10750049	10750048	3.11	6 1-	2 ACSR 6/1	0	0	1289	176	25	3	2	0.00	5.03	0
D10-75-P096	10750049	3.11	6 1-	FUS	0	0	1289	176	25	3	74	0.00	5.03	0
10750101	D10-75-P096	3.48	6 1-	2 ACSR 6/1	0	0	1151	173	25	3	2	0.03	5.06	0
10740032	10750101	3.51	6 1-	2 ACSR 6/1	0	0	1137	173	25	3	2	0.00	5.07	0
10740034	10740032	3.57	3 1-	2 ACSR 6/1	0	0	1119	172	4	0	0	0.00	5.07	0
10740035	10740034	3.69	2 1-	2 ACSR 6/1	0	0	1082	172	3	0	0	0.00	5.07	0
10740037	10740035	3.73	2 1-	2 ACSR 6/1	0	0	1069	171	3	0	0	0.00	5.07	0
10740038	10740037	4.15	1 1-	2 ACSR 6/1	0	0	955	168	2	0	0	0.00	5.07	0
10640038	10740038	4.22	0 1-	2 ACSR 6/1	0	0	939	168	0	0	0	0.00	5.07	0
10640040	10640038	4.47	0 1-	2 ACSR 6/1	0	0	884	166	0	0	0	0.00	5.07	0
10640039	10640038	4.61	0 1-	2 ACSR 6/1	0	0	855	165	0	0	0	0.00	5.07	0
10740036	10740035	3.74	0 1-	2 ACSR 6/1	0	0	1067	171	0	0	0	0.00	5.07	0
10740033	10740032	3.58	3 1-	2 ACSR 6/1	0	0	1117	172	21	2	2	0.00	5.07	0
10740044	10740033	3.65	2 1-	2 ACSR 6/1	0	0	1094	172	15	1	1	0.00	5.07	0
10750063	10750048	3.21	6 1-	2 ACSR 6/1	0	0	1251	175	16	2	1	0.01	5.03	0
10750064	10750063	3.25	6 1-	2 ACSR 6/1	0	0	1234	175	16	2	1	0.00	5.04	0
10750065	10750064	3.28	5 1-	2 ACSR 6/1	0	0	1222	174	11	1	1	0.00	5.04	0
10750066	10750065	3.31	5 1-	2 ACSR 6/1	0	0	1209	174	11	1	1	0.00	5.04	0
10750067	10750066	3.40	3 1-	2 ACSR 6/1	0	0	1177	174	4	0	0	0.00	5.04	0
10750058	10650149	2.67	2 1-	2 ACSR 6/1	0	0	1508	179	10	1	1	0.00	4.94	0
10750059	10750058	2.72	0 1-	2 ACSR 6/1	0	0	1481	178	0	0	0	0.00	4.94	0
10750060	10750059	2.96	0 1-	2 ACSR 6/1	0	0	1361	177	0	0	0	0.00	4.94	0
10750057	10650149	2.69	6 1-	2 ACSR 6/1	0	0	1499	179	22	2	2	0.00	4.94	0
10650150	10650171	1.88	598 3-	4/0 ACSR 6/1	2680	2519	2129	185	3991	170	50	0.03	2.49	125
10650198	10650150	1.92	3 1-	2 ACSR 6/1	0	0	2081	185	13	1	1	0.00	4.79	0
10650199	10650198	1.98	2 1-	2 ACSR 6/1	0	0	2025	184	11	1	1	0.00	4.79	0
10650142	10650199	2.03	1 1-	2 ACSR 6/1	0	0	1983	184	4	0	0	0.00	4.79	0
10650143	10650150	1.96	594 3-	4/0 ACSR 6/1	2618	2456	2067	185	3971	169	50	0.08	2.60	373
10650144	10650143	2.02	1 1-	2 ACSR 6/1	0	0	2004	184	0	0	0	0.00	4.99	0
10650151	10650143	2.05	591 3-	4/0 ACSR 6/1	2552	2390	2002	185	3950	169	50	0.09	2.72	415

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10650153	10650151	2.12	589 3-	4/0 ACSR 6/1	2505	2343	1956	184	3945	169	50	0.06	2.80	311
10650173	10650153	2.17	3 1-	2 ACSR 6/1	0	0	1911	184	10	1	1	0.00	2.33	0
10650174	10650173	2.28	1 1-	2 ACSR 6/1	0	0	1820	183	6	0	0	0.00	2.33	0
10650092	10650153	2.19	586 3-	4/0 ACSR 6/1	2453	2291	1906	184	3933	168	50	0.07	2.90	353
10650096	10650092	2.26	586 3-	4/0 ACSR 6/1	2410	2249	1865	184	3930	168	50	0.06	2.99	302
10650098	10650096	2.52	574 3-	4/0 ACSR 6/1	2255	2096	1720	183	3863	165	49	0.25	3.31	1138
10650099	10650098	2.70	531 3-	4/0 ACSR 6/1	2158	2000	1632	182	3586	154	45	0.10	3.52	689
10650177	10650099	2.74	10 3-	4/0 ACSR 6/1	2137	1979	1612	182	128	5	2	0.00	3.52	0
10650181	10650177	2.80	3 3-	4/0 ACSR 6/1	2109	1952	1587	182	72	3	1	0.00	3.52	0
10650178	10650177	2.80	6 1-	2 ACSR 6/1	0	0	1581	182	51	6	4	0.01	6.81	0
10650101	10650178	2.86	5 1-	2 ACSR 6/1	0	0	1541	181	34	4	3	0.01	6.82	0
10650183	10650101	2.94	4 1-	2 ACSR 6/1	0	0	1499	181	31	4	2	0.00	6.82	0
10650180	10650101	2.92	1 1-	2 ACSR 6/1	0	0	1510	181	3	0	0	0.00	6.82	0
10650179	10650178	2.83	1 1-	2 ACSR 6/1	0	0	1560	182	17	2	1	0.00	6.81	0
10650169	10650099	2.80	521 3-	4/0 ACSR 6/1	2108	1951	1586	182	3452	148	44	0.06	3.63	355
10650182	10650169	2.87	517 3-	4/0 ACSR 6/1	2075	1919	1557	182	3432	148	44	0.04	3.70	235
10650100	10650182	3.18	510 3-	4/0 ACSR 6/1	1939	1787	1438	181	3388	146	43	0.16	4.03	1042
10550138	10650100	3.25	2 1-	2 ACSR 6/1	0	0	1403	180	7	0	1	0.00	7.80	0
10550089	10650100	3.30	508 3-	4/0 ACSR 6/1	1890	1739	1395	180	3371	146	43	0.06	4.16	412
C10-55-P25	10550089	3.30	0 3-	Capacitor	1890	1739	1395	180	0	-13	0	0.00	4.16	0
10550090	10550089	3.35	508 3-	4/0 ACSR 6/1	1869	1720	1377	180	3368	146	43	0.04	4.22	179
10550139	10550090	3.44	3 1-	2 ACSR 6/1	0	0	1340	179	14	1	1	0.00	8.17	0
10550140	10550139	3.48	2 1-	2 ACSR 6/1	0	0	1320	179	12	1	1	0.00	8.17	0
10550174	10550090	3.37	505 3-	4/0 ACSR 6/1	1862	1712	1371	180	3352	146	43	0.01	4.24	66
10550175	10550174	3.41	505 3-	4/0 ACSR 6/1	1847	1698	1358	180	3351	146	43	0.03	4.29	131
10550126	10550175	3.50	2 3-	15 KV 2 URD XLP	1816	1667	1335	423	699	31	19	0.07	4.36	48
10540230	10550126	3.50	2 3-	Consumer	1816	1667	1335	423	699	31	0	0.00	4.36	0
10550201	10550175	3.49	503 3-	4/0 ACSR 6/1	1817	1669	1332	180	2651	115	34	0.03	4.36	180
10550176	10550201	3.53	502 3-	4/0 ACSR 6/1	1801	1654	1319	180	2619	114	34	0.01	4.40	97
10550217	10550176	3.67	502 3-	4/0 ACSR 6/1	1753	1608	1278	179	2618	114	34	0.04	4.51	302
10540055	10550217	3.68	4 3-	2 ACSR 6/1	1747	1602	1274	179	19	0	0	0.00	4.51	0
D10-54-P062	10540055	3.68	4 3-	FUS	1747	1602	1274	179	19	0	19	0.00	4.51	0
10540050	D10-54-P062	3.77	4 3-	2 ACSR 6/1	1705	1559	1242	178	19	0	0	0.00	4.52	0
10550179	10540050	3.90	0 1-	2 ACSR 6/1	0	0	1193	177	0	0	0	0.00	3.28	0
10550177	10540050	3.80	3 3-	2 ACSR 6/1	1687	1542	1228	178	12	0	0	0.00	4.52	0
10550178	10550177	3.87	2 1-	2 ACSR 6/1	0	0	1205	178	12	1	1	0.00	8.79	0
10540029	10550217	3.73	498 3-	4/0 ACSR 6/1	1731	1587	1260	179	2596	113	33	0.02	4.57	138
10540026	10540029	3.82	32 3-	2 ACSR 6/1	1692	1547	1230	178	149	6	4	0.00	4.58	3
10540044	10540026	3.84	31 3-	2 ACSR 6/1	1679	1535	1220	178	118	5	3	0.00	4.58	0
10540043	10540044	3.86	31 3-	2 ACSR 6/1	1669	1524	1213	178	118	5	3	0.00	4.58	0
10540027	10540043	3.98	3 3-	4/0 ACSR 6/1	1634	1491	1183	177	33	0	0	0.00	4.59	0
10540045	10540027	4.01	2 3-	4/0 ACSR 6/1	1623	1481	1175	177	24	1	0	0.00	4.59	0
10540046	10540045	4.10	1 3-	4/0 ACSR 6/1	1599	1458	1155	177	18	0	0	0.00	4.59	0
10540047	10540046	4.15	0 3-	4/0 ACSR 6/1	1585	1445	1144	177	0	0	0	0.00	4.59	0
10540032	10540043	3.89	28 3-	4/0 ACSR 6/1	1661	1517	1206	178	85	3	1	0.00	4.59	0
D10-54-P021	10540032	3.89	25 1-	REC-70-L	0	0	1206	178	82	11	16	0.00	8.94	0
10540034	D10-54-P021	4.05	25 1-	2 ACSR 6/1	0	0	1152	177	82	11	6	0.05	8.99	3
10540036	10540034	4.09	20 1-	2 ACSR 6/1	0	0	1141	176	70	9	5	0.01	9.00	0
10540037	10540036	4.12	19 1-	2 ACSR 6/1	0	0	1131	176	66	8	5	0.01	9.01	0
10540056	10540037	4.15	18 1-	2 ACSR 6/1	0	0	1122	176	61	8	5	0.01	9.02	0
10540040	10540056	4.24	13 1-	2 ACSR 6/1	0	0	1093	175	43	5	3	0.01	9.03	0
10540033	10540040	4.29	6 1-	2 ACSR 6/1	0	0	1080	175	27	3	2	0.00	9.03	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10540048	10540033	4.42	5 1-	2 ACSR 6/1	0	0	1043	174	24	3	2	0.01	9.05	0
10540051	10540048	4.51	2 1-	2 ACSR 6/1	0	0	1019	173	15	2	1	0.00	9.05	0
10540049	10540048	4.48	2 1-	2 ACSR 6/1	0	0	1026	173	1	0	0	0.00	9.05	0
10540042	10540049	4.55	0 1-	2 ACSR 6/1	0	0	1009	173	0	0	0	0.00	9.05	0
10540030	10540048	4.55	1 1-	2 ACSR 6/1	0	0	1009	173	8	1	1	0.00	9.05	0
10440046	10540030	4.97	1 1-	2 ACSR 6/1	0	0	910	170	8	1	1	0.01	9.06	0
10540041	10540040	4.33	1 1-	2 ACSR 6/1	0	0	1068	175	4	0	0	0.00	9.03	0
10540039	10540056	4.23	2 1-	2 ACSR 6/1	0	0	1097	175	4	0	0	0.00	9.02	0
10540053	10540039	4.26	1 1-	2 ACSR 6/1	0	0	1088	175	0	0	0	0.00	9.02	0
10540035	10540034	4.11	2 1-	2 ACSR 6/1	0	0	1133	176	4	0	0	0.00	8.99	0
10540038	10540029	3.80	1 1-	2 ACSR 6/1	0	0	1235	178	1	0	0	0.00	1.50	0
10540028	10540029	3.84	465 3-	4/0 ACSR 1-1	1698	1556	1233	179	2445	106	31	0.04	4.65	192
D10-55-P138	10540028	3.84	44 1-	REC-70-L	0	0	1233	179	188	25	36	0.00	9.07	0
10550088	D10-55-P138	3.85	44 1-	2 ACSR 6/1	0	0	1226	178	188	25	14	0.01	9.08	2
10550181	10550088	3.90	43 1-	2 ACSR 6/1	0	0	1210	178	187	25	14	0.03	9.12	5
10550169	10550181	3.95	41 1-	2 ACSR 6/1	0	0	1193	178	184	24	14	0.03	9.15	5
10550171	10550169	3.98	40 1-	2 ACSR 6/1	0	0	1184	177	179	24	14	0.02	9.17	3
10550172	10550171	4.07	39 1-	2 ACSR 6/1	0	0	1153	177	176	23	13	0.06	9.23	9
10450075	10550172	4.13	37 1-	2 ACSR 6/1	0	0	1134	176	172	23	13	0.04	9.27	6
10450076	10450075	4.16	37 1-	2 ACSR 6/1	0	0	1124	176	172	23	13	0.02	9.29	3
10450078	10450076	4.19	36 1-	2 ACSR 6/1	0	0	1115	176	166	22	13	0.02	9.31	3
10450079	10450078	4.23	35 1-	2 ACSR 6/1	0	0	1104	176	164	22	12	0.02	9.33	3
10450080	10450079	4.30	3 1-	2 ACSR 6/1	0	0	1082	175	15	2	1	0.00	9.34	0
10450091	10450080	4.36	1 1-	2 ACSR 6/1	0	0	1064	175	4	0	0	0.00	9.34	0
10450081	10450091	4.43	0 1-	2 ACSR 6/1	0	0	1046	174	0	0	0	0.00	9.34	0
10450082	10450079	4.25	32 1-	2 ACSR 6/1	0	0	1098	175	149	20	11	0.01	9.34	1
10450083	10450082	4.34	30 1-	2 ACSR 6/1	0	0	1071	175	141	19	11	0.05	9.39	6
10450099	10450083	4.39	29 1-	2 ACSR 6/1	0	0	1057	174	136	18	10	0.02	9.42	3
10450100	10450099	4.43	28 1-	2 ACSR 6/1	0	0	1046	174	125	17	9	0.02	9.44	2
10450090	10450100	4.53	21 1-	2 ACSR 6/1	0	0	1018	173	96	13	7	0.04	9.48	3
10450096	10450090	4.58	11 1-	2 ACSR 6/1	0	0	1006	173	37	4	3	0.01	9.48	0
10450066	10450096	4.63	7 1-	2 ACSR 6/1	0	0	995	173	25	3	2	0.00	9.49	0
10450067	10450066	4.75	2 1-	2 ACSR 6/1	0	0	964	172	11	1	1	0.01	9.49	0
10450068	10450067	4.81	1 1-	2 ACSR 6/1	0	0	950	171	2	0	0	0.00	9.49	0
10450069	10450067	4.89	1 1-	2 ACSR 6/1	0	0	933	171	9	1	1	0.00	9.50	0
10450070	10450069	5.00	1 1-	2 ACSR 6/1	0	0	909	170	9	1	1	0.00	9.50	0
10450071	10450066	4.76	3 1-	2 ACSR 6/1	0	0	963	172	8	1	1	0.00	9.49	0
10450072	10450071	4.79	2 1-	2 ACSR 6/1	0	0	956	171	6	0	0	0.00	9.49	0
10450074	10450072	4.88	1 1-	2 ACSR 6/1	0	0	936	171	3	0	0	0.00	9.49	0
10450073	10450072	4.84	1 1-	2 ACSR 6/1	0	0	944	171	4	0	0	0.00	9.49	0
10450065	10450096	4.67	1 1-	2 ACSR 6/1	0	0	985	172	2	0	0	0.00	9.48	0
10450092	10450090	4.56	8 1-	2 ACSR 6/1	0	0	1011	173	49	6	4	0.00	9.48	0
10450093	10450092	4.60	6 1-	2 ACSR 6/1	0	0	1002	173	38	5	3	0.00	9.48	0
10450094	10450093	4.70	2 1-	2 ACSR 6/1	0	0	976	172	18	2	1	0.01	9.49	0
10450095	10450094	4.74	1 1-	2 ACSR 6/1	0	0	967	172	8	1	1	0.00	9.49	0
10450088	10450100	4.48	3 1-	2 ACSR 6/1	0	0	1033	174	15	2	1	0.00	9.44	0
10450089	10450088	4.59	1 1-	2 ACSR 6/1	0	0	1003	173	8	1	1	0.00	9.44	0
10450087	10450100	4.58	1 1-	2 ACSR 6/1	0	0	1005	173	2	0	0	0.00	9.44	0
10450085	10450100	4.50	1 1-	2 ACSR 6/1	0	0	1028	174	6	0	0	0.00	9.44	0
10450086	10450100	4.64	1 1-	2 ACSR 6/1	0	0	991	173	5	0	0	0.00	9.44	0
10450084	10450083	4.40	1 1-	2 ACSR 6/1	0	0	1053	174	5	0	0	0.00	9.40	0
10450077	10450076	4.23	1 1-	2 ACSR 6/1	0	0	1102	176	6	0	0	0.00	9.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10550170	10550169	4.02	1 1-	2 ACSR 6/1	0	0	1170	177	5	0	0	0.00	9.15	0
10550180	10550088	3.92	1 1-	2 ACSR 6/1	0	0	1204	178	1	0	0	0.00	9.08	0
10550182	10540028	4.00	421 3-	4/0 ACSR 6/1	1648	1508	1191	178	2255	98	29	0.10	4.76	247
10440049	10550182	4.05	417 3-	4/0 ACSR 6/1	1631	1492	1178	178	2246	97	29	0.03	4.80	84
D10-44-P072	10440049	4.05	9 1-	FUS	0	0	1178	178	22	2	68	0.00	9.37	0
10440035	D10-44-P072	4.08	9 1-	2 ACSR 6/1	0	0	1169	178	22	2	2	0.00	9.37	0
10440036	10440035	4.12	5 1-	2 ACSR 6/1	0	0	1155	177	15	1	1	0.00	9.37	0
10440037	10440036	4.14	4 1-	2 ACSR 6/1	0	0	1148	177	13	1	1	0.00	9.37	0
10440039	10440037	4.22	1 1-	2 ACSR 6/1	0	0	1126	177	5	0	0	0.00	9.37	0
10440038	10440037	4.18	2 1-	2 ACSR 6/1	0	0	1136	177	8	1	1	0.00	9.37	0
10440025	10440049	4.33	407 3-	4/0 ACSR 6/1	1554	1419	1115	177	2222	96	28	0.17	4.99	403
10440040	10440025	4.44	4 1-	2 ACSR 6/1	0	0	1080	176	14	1	1	0.01	3.64	0
10440052	10440040	4.54	3 1-	2 ACSR 6/1	0	0	1053	175	10	1	1	0.00	3.64	0
D10-44-P019	10440052	4.54	1 1-	FUS	0	0	1053	175	0	0	1	0.00	3.64	0
10440051	D10-44-P019	4.76	1 1-	2 ACSR 6/1	0	0	996	174	0	0	0	0.00	3.64	0
10440028	10440025	4.47	403 3-	4/0 ACSR 6/1	1516	1383	1084	176	2204	96	28	0.08	5.09	213
D10-44-P082	10440028	4.47	38 1-	REC-70-L	0	0	1084	176	202	26	37	0.00	3.72	0
10440029	D10-44-P082	4.94	38 1-	2 ACSR 6/1	0	0	963	173	202	26	15	0.35	4.07	57
10440030	10440029	5.03	37 1-	2 ACSR 6/1	0	0	943	172	201	26	15	0.07	4.14	11
10440026	10440030	5.51	36 1-	2 ACSR 6/1	0	0	848	169	195	25	14	0.34	4.48	54
10350019	10440026	5.61	36 1-	2 ACSR 6/1	0	0	830	168	194	25	14	0.07	4.55	11
10350015	10350019	5.69	35 1-	2 ACSR 6/1	0	0	816	168	190	24	14	0.06	4.61	9
10350016	10350015	5.77	34 1-	2 ACSR 6/1	0	0	802	167	188	24	14	0.06	4.66	9
10350021	10350016	5.88	32 1-	2 ACSR 6/1	0	0	785	166	183	23	13	0.07	4.73	10
10350022	10350021	5.96	31 1-	2 ACSR 6/1	0	0	773	166	176	23	13	0.05	4.78	7
10350014	10350022	6.01	1 1-	2 ACSR 6/1	0	0	765	165	8	0	1	0.00	4.78	0
10350013	10350022	6.20	29 1-	2 ACSR 6/1	0	0	737	164	163	21	12	0.15	4.93	19
10340041	10350013	6.53	14 1-	2 ACSR 6/1	0	0	693	162	103	13	8	0.13	5.06	11
10340044	10340041	6.69	2 1-	2 ACSR 6/1	0	0	674	161	16	2	1	0.00	5.06	0
10340042	10340041	6.59	12 1-	2 ACSR 6/1	0	0	686	162	88	11	6	0.02	5.08	1
10340020	10340042	6.69	11 1-	2 ACSR 6/1	0	0	673	161	81	10	6	0.03	5.11	2
10340039	10340020	6.85	3 1-	2 ACSR 6/1	0	0	655	160	27	3	2	0.01	5.12	0
10340040	10340039	6.91	2 1-	2 ACSR 6/1	0	0	648	159	19	2	1	0.00	5.12	0
10340038	10340040	6.98	1 1-	2 ACSR 6/1	0	0	641	159	10	1	1	0.00	5.13	0
10340021	10340020	6.98	8 1-	2 ACSR 6/1	0	0	641	159	54	7	4	0.05	5.16	2
10340022	10340021	7.01	7 1-	2 ACSR 6/1	0	0	637	159	49	6	4	0.01	5.17	0
10340025	10340022	7.06	1 1-	2 ACSR 6/1	0	0	632	159	4	0	0	0.00	5.17	0
10340023	10340022	7.07	1 1-	2 ACSR 6/1	0	0	632	159	11	1	1	0.00	5.17	0
10340015	10340022	7.06	5 1-	2 ACSR 6/1	0	0	632	159	33	4	2	0.01	5.17	0
10340026	10340015	7.15	1 1-	2 ACSR 6/1	0	0	623	158	10	1	1	0.00	5.18	0
10340024	10340015	7.10	4 1-	2 ACSR 6/1	0	0	628	158	23	2	2	0.00	5.18	0
10340028	10340024	7.14	3 1-	2 ACSR 6/1	0	0	625	158	17	2	1	0.00	5.18	0
10340030	10340028	7.21	2 1-	2 ACSR 6/1	0	0	617	158	12	1	1	0.00	5.18	0
10340031	10340030	7.43	1 1-	2 ACSR 6/1	0	0	596	156	9	1	1	0.00	5.19	0
10340029	10340028	7.19	1 1-	2 ACSR 6/1	0	0	619	158	5	0	0	0.00	5.18	0
10340016	10350013	6.29	15 1-	2 ACSR 6/1	0	0	724	164	59	7	4	0.02	4.95	0
10340019	10340016	6.35	1 1-	2 ACSR 6/1	0	0	717	163	8	0	1	0.00	4.95	0
10340027	10340019	6.37	1 1-	2 ACSR 6/1	0	0	713	163	8	0	1	0.00	4.95	0
10340017	10340016	6.39	13 1-	2 ACSR 6/1	0	0	711	163	51	6	4	0.02	4.97	0
10340043	10340017	6.47	12 1-	2 ACSR 6/1	0	0	701	162	49	6	4	0.01	4.98	0
10240026	10340043	6.52	1 1-	2 ACSR 6/1	0	0	695	162	0	0	0	0.00	4.98	0
10240025	10340043	6.66	11 1-	2 ACSR 6/1	0	0	677	161	49	6	4	0.03	5.01	1

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10240017	10240025	6.75	9 1-	2 ACSR 6/1	0	0	666	161	31	4	2	0.01	5.02	0
10240021	10240017	6.84	5 1-	2 ACSR 6/1	0	0	656	160	6	0	0	0.00	5.03	0
10240022	10240021	7.01	3 1-	2 ACSR 6/1	0	0	638	159	5	0	0	0.00	5.03	0
10240024	10240021	7.30	0 1-	2 ACSR 6/1	0	0	609	157	0	0	0	0.00	5.03	0
10240023	10240022	7.10	1 1-	2 ACSR 6/1	0	0	628	158	2	0	0	0.00	5.03	0
10240018	10240017	6.83	3 1-	2 ACSR 6/1	0	0	657	160	22	2	2	0.01	5.03	0
10240020	10240018	6.90	1 1-	2 ACSR 6/1	0	0	650	160	5	0	0	0.00	5.03	0
10240019	10240018	6.87	1 1-	2 ACSR 6/1	0	0	654	160	13	1	1	0.00	5.03	0
10240016	10240025	6.74	1 1-	2 ACSR 6/1	0	0	669	161	6	0	0	0.00	5.01	0
10340018	10340017	6.48	1 1-	2 ACSR 6/1	0	0	699	162	2	0	0	0.00	4.97	0
10350020	10350016	5.81	1 1-	2 ACSR 6/1	0	0	796	167	3	0	0	0.00	4.66	0
10350017	10440026	5.71	0 1-	2 ACSR 6/1	0	0	812	167	0	0	0	0.00	4.48	0
10350018	10350017	5.72	0 1-	2 ACSR 6/1	0	0	810	167	0	0	0	0.00	4.48	0
10-35-P011-B	10350018	5.72	0 1-	Closed	0	0	810	167	0	0	0	0.00	4.48	0
10-35-P011-A	10-35-P011-B	5.72	0 1-	Closed	0	0	810	167	0	0	0	0.00	4.48	0
10350012	10-35-P011-A	5.91	0 1-	2 ACSR 6/1	0	0	779	166	0	0	0	0.00	4.48	0
10440045	10440030	5.10	1 1-	2 ACSR 6/1	0	0	929	172	6	0	0	0.00	4.14	0
10440041	10440029	5.03	1 1-	2 ACSR 6/1	0	0	943	172	0	0	0	0.00	4.07	0
10440044	10440041	5.11	0 1-	2 ACSR 6/1	0	0	926	172	0	0	0	0.00	4.07	0
10440043	10440041	5.14	0 1-	2 ACSR 6/1	0	0	920	171	0	0	0	0.00	4.07	0
10440027	10440028	4.66	365 3-	4/0 ACSR 6/1	1468	1337	1046	176	2000	87	26	0.05	5.21	233
10440048	10440027	4.92	365 3-	4/0 ACSR 6/1	1408	1281	998	175	1998	87	26	0.06	5.37	313
10440042	10440048	5.63	364 3-	4/0 ACSR 6/1	1267	1148	888	172	1994	87	26	0.17	5.80	859
10430051	10440042	6.02	364 3-	4/0 ACSR 6/1	1188	1075	827	171	1986	87	26	0.09	6.04	473
SW28-A	10430051	6.02	364 3-	Closed	0	0	0	0	1981	87	0	0.00	6.04	0
SW28-B	SW28-A	6.02	364 3-	Closed	0	0	0	0	1981	87	0	0.00	6.04	0
OH27	SW28-B	6.10	364 3-	4/0 ACSR 6/1	0	0	0	0	1981	87	26	0.02	6.08	94
10430050	OH27	6.14	0 3-	1/0 ACSR 6/1	1181	1068	822	171	0	0	0	0.00	6.08	0
10-43-P029-B	10430050	6.14	0 3-	Open	1181	1068	822	171	0	0	0	0.00	6.08	0
10430045	OH27	6.17	364 3-	1/0 ACSR 6/1	1175	1063	818	171	1980	87	38	0.05	6.16	153
D10-43-P288	10430045	6.17	7 1-	REC-15-H	0	0	818	171	17	2	15	0.00	4.17	0
10430044	D10-43-P288	6.36	7 1-	2 ACSR 6/1	0	0	788	169	17	2	1	0.01	4.18	0
10430052	10430044	6.73	6 1-	2 ACSR 6/1	0	0	735	167	13	1	1	0.01	4.19	0
10430046	10430044	6.45	1 1-	2 ACSR 6/1	0	0	774	169	4	0	0	0.00	4.18	0
10-43-P043-B	10430046	6.45	1 1-	Closed	0	0	774	169	4	0	0	0.00	4.18	0
10-43-P043-A	10-43-P043-B	6.45	1 1-	Closed	0	0	774	169	4	0	0	0.00	4.18	0
10430048	10-43-P043-A	6.47	1 1-	2 ACSR 6/1	0	0	771	168	4	0	0	0.00	4.18	0
10430053	10430048	6.78	1 1-	2 ACSR 6/1	0	0	728	166	4	0	0	0.00	4.18	0
10430049	10430048	6.49	0 1-	2 ACSR 6/1	0	0	769	168	0	0	0	0.00	4.18	0
10430097	10430045	6.20	357 3-	1/0 ACSR 6/1	1168	1056	813	170	1962	86	38	0.03	6.20	79
C10-43-P27	10430097	6.20	0 3-	Capacitor	1168	1056	813	170	0	-13	0	0.00	6.20	0
10430098	10430097	6.28	357 3-	1/0 ACSR 6/1	1152	1041	802	170	1961	87	38	0.08	6.32	197
10430057	10430098	6.53	356 3-	1/0 ACSR 6/1	1106	997	770	169	1957	87	38	0.23	6.66	592
10430059	10430057	6.62	355 3-	1/0 ACSR 6/1	1090	982	759	168	1948	87	38	0.08	6.78	217
10430060	10430059	6.65	348 3-	1/0 ACSR 6/1	1085	977	756	168	1849	83	36	0.02	6.82	59
10430066	10430060	6.68	345 3-	1/0 ACSR 6/1	1079	972	752	168	1842	82	36	0.03	6.86	69
D10-43-P086	10430066	6.68	342 3-	REC-100-4H	1079	972	752	168	1831	82	82	0.00	6.86	0
10430067	D10-43-P086	6.73	342 3-	1/0 ACSR 6/1	1072	965	746	168	1831	82	36	0.04	6.92	99
10430068	10430067	6.79	1 1-	2 ACSR 6/1	0	0	738	167	9	1	1	0.00	4.68	0
10430063	10430067	6.79	334 3-	1/0 ACSR 6/1	1061	955	739	167	1793	80	35	0.05	6.99	130
10430065	10430063	6.85	332 3-	1/0 ACSR 6/1	1052	947	733	167	1782	80	35	0.04	7.06	114
10430062	10430065	6.92	1 1-	2 ACSR 6/1	0	0	724	167	2	0	0	0.00	4.77	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROF	TOTAL DROF	LINE LOSS
10430061	10430065	6.92	330 3-	1/0 ACSR 6/1	1040	935	725	167	1775	80	35	0.06	7.15	158
10430064	10430061	7.02	3 1-	2 ACSR 6/1	0	0	713	166	17	2	1	0.01	4.84	0
10430084	10430064	7.20	2 1-	2 ACSR 6/1	0	0	691	165	12	1	1	0.00	4.84	0
10430056	10430061	7.00	307 3-	1/0 ACSR 6/1	1028	923	716	166	1636	73	32	0.07	7.25	139
10420134	10430056	7.07	1 1-	2 ACSR 6/1	0	0	708	166	2	0	0	0.00	4.90	0
10420133	10430056	7.05	299 3-	1/0 ACSR 6/1	1020	916	711	166	1612	72	32	0.04	7.30	84
10420085	10420133	7.10	298 3-	1/0 ACSR 6/1	1013	910	706	166	1609	72	32	0.03	7.35	75
10420146	10420085	7.16	6 3-	1/0 ACSR 6/1	1004	901	700	166	18	0	0	0.00	7.35	0
10420147	10420146	7.20	0 3-	1/0 ACSR 6/1	998	895	695	165	0	0	0	0.00	7.35	0
10420149	10420085	7.16	1 1-	2 ACSR 6/1	0	0	699	166	3	0	0	0.00	13.95	0
10420089	10420085	7.14	5 1-	2 ACSR 6/1	0	0	700	166	34	4	2	0.01	4.98	0
10420096	10420089	7.16	2 1-	2 ACSR 6/1	0	0	698	166	25	3	2	0.00	4.98	0
10420090	10420089	7.22	3 1-	2 ACSR 6/1	0	0	691	165	9	1	1	0.00	4.98	0
10420091	10420090	7.30	2 1-	2 ACSR 6/1	0	0	682	165	5	0	0	0.00	4.98	0
10420087	10420085	7.15	3 1-	2 ACSR 6/1	0	0	699	166	17	2	1	0.00	4.97	0
10420088	10420087	7.20	2 1-	2 ACSR 6/1	0	0	694	165	5	0	0	0.00	4.98	0
10420076	10420088	7.26	1 1-	2 ACSR 6/1	0	0	686	165	5	0	0	0.00	4.98	0
10420086	10420085	7.15	282 3-	1/0 ACSR 6/1	1005	902	700	166	1534	69	30	0.04	7.41	91
10420097	10420086	7.18	0 1-	2 ACSR 6/1	0	0	697	166	0	0	0	0.00	14.06	0
10420098	10420097	7.33	0 1-	2 ACSR 6/1	0	0	679	165	0	0	0	0.00	14.06	0
10420100	10420086	7.21	282 3-	1/0 ACSR 6/1	996	894	694	165	1533	69	30	0.04	7.47	91
10420101	10420100	7.26	3 1-	2 ACSR 6/1	0	0	689	165	26	3	2	0.00	5.05	0
10420104	10420101	7.30	3 1-	2 ACSR 6/1	0	0	683	165	26	3	2	0.00	5.06	0
10420122	10420104	7.36	2 1-	2 ACSR 6/1	0	0	677	164	18	2	1	0.00	5.06	0
10420099	10420100	7.32	276 3-	1/0 ACSR 6/1	980	879	683	165	1485	67	29	0.07	7.59	165
10420068	10420099	7.76	276 3-	1/0 ACSR 6/1	921	823	642	163	1484	67	29	0.27	8.05	660
10420117	10420068	7.79	7 1-	2 ACSR 6/1	0	0	640	163	24	3	2	0.00	15.18	0
10420118	10420117	7.84	6 1-	2 ACSR 6/1	0	0	634	162	14	2	1	0.00	15.18	0
10420119	10420118	7.88	2 1-	2 ACSR 6/1	0	0	631	162	5	0	0	0.00	15.18	0
10420120	10420068	7.83	269 3-	1/0 ACSR 6/1	913	816	637	163	1454	66	29	0.04	8.11	87
10420121	10420120	7.92	268 3-	1/0 ACSR 6/1	901	805	629	162	1449	65	29	0.06	8.21	140
10420112	10420121	7.96	27 1-	2 ACSR 6/1	0	0	625	162	157	22	13	0.02	15.48	3
10420142	10420112	8.03	1 1-	2 ACSR 6/1	0	0	619	161	8	1	1	0.00	15.48	0
10420114	10420112	8.03	21 1-	2 ACSR 6/1	0	0	619	161	130	18	10	0.03	15.52	4
10420116	10420114	8.06	0 1-	2 ACSR 6/1	0	0	616	161	0	0	0	0.00	15.52	0
10420115	10420114	8.08	20 1-	2 ACSR 6/1	0	0	614	161	124	17	10	0.03	15.54	3
10420148	10420115	8.10	3 1-	2 ACSR 6/1	0	0	612	161	17	2	1	0.00	15.54	0
10420150	10420148	8.14	2 1-	2 ACSR 6/1	0	0	608	161	12	1	1	0.00	15.54	0
10420108	10420115	8.19	17 1-	2 ACSR 6/1	0	0	604	160	107	15	9	0.04	15.58	4
10420107	10420108	8.25	11 1-	2 ACSR 6/1	0	0	597	160	63	9	5	0.02	15.60	0
10420071	10420107	8.30	9 1-	2 ACSR 6/1	0	0	593	160	49	7	4	0.01	15.61	0
10420072	10420071	8.35	4 1-	2 ACSR 6/1	0	0	589	159	34	4	3	0.00	15.61	0
10420073	10420072	8.39	1 1-	2 ACSR 6/1	0	0	586	159	14	1	1	0.00	15.61	0
10420123	10420108	8.22	3 1-	2 ACSR 6/1	0	0	601	160	24	3	2	0.00	15.59	0
10420125	10420123	8.26	2 1-	2 ACSR 6/1	0	0	597	160	19	2	1	0.00	15.59	0
10420113	10420112	8.01	3 1-	2 ACSR 6/1	0	0	621	162	10	1	1	0.00	15.48	0
10420110	10420121	8.02	1 1-	2 ACSR 6/1	0	0	619	161	7	0	1	0.00	5.49	0
10420111	10420110	8.07	0 1-	2 ACSR 6/1	0	0	614	161	0	0	0	0.00	5.49	0
10420109	10420121	8.01	238 3-	1/0 ACSR 6/1	891	796	622	162	1271	57	25	0.07	8.28	85
10420074	10420109	8.04	1 1-	2 ACSR 6/1	0	0	619	161	6	0	0	0.00	5.55	0
10420067	10420109	8.14	237 3-	1/0 ACSR 6/1	876	781	611	161	1264	57	25	0.10	8.40	131
10520084	10420067	8.17	206 3-	1/0 ACSR 6/1	872	778	609	161	1089	49	22	0.01	8.43	27

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10520083	10520084	8.22	204 3-	1/0 ACSR 6/1	866	773	605	161	1070	48	21	0.02	8.46	38
10520093	10520083	8.32	201 3-	1/0 ACSR 6/1	856	763	598	160	1031	47	20	0.02	8.53	69
10520097	10520093	8.43	4 1-	2 ACSR 6/1	0	0	588	159	15	2	1	0.01	15.97	0
10520098	10520097	8.50	3 1-	2 ACSR 6/1	0	0	581	159	12	1	1	0.00	15.97	0
10520099	10520098	8.54	0 1-	2 ACSR 6/1	0	0	578	159	0	0	0	0.00	15.97	0
10520094	10520093	8.36	1 1-	2 ACSR 6/1	0	0	594	160	6	0	0	0.00	5.70	0
10520081	10520093	8.37	2 1-	2 ACSR 6/1	0	0	593	160	7	1	1	0.00	15.96	0
10520080	10520093	8.38	193 3-	1/0 ACSR 6/1	848	756	593	160	999	45	20	0.02	8.58	46
10-52-P010-A	10520080	8.38	193 3-	Closed	848	756	593	160	999	45	0	0.00	8.58	0
10-52-P010-B	10-52-P010-A	8.38	193 3-	Closed	848	756	593	160	999	45	0	0.00	8.58	0
D10-52-P010	10-52-P010-B	8.38	193 3-	REC-50-4H	848	756	593	160	999	45	91	0.00	8.58	0
10520117	D10-52-P010	8.42	193 3-	1/0 ACSR 6/1	844	752	590	160	999	45	20	0.01	8.61	27
10520103	10520117	8.49	188 3-	1/0 ACSR 6/1	837	746	585	159	968	44	19	0.02	8.65	42
10520105	10520103	8.55	187 3-	1/0 ACSR 6/1	831	740	581	159	959	43	19	0.02	8.69	37
10520106	10520105	8.62	185 3-	1/0 ACSR 6/1	824	734	576	159	932	42	19	0.02	8.73	40
10520107	10520106	8.70	1 1-	2 ACSR 6/1	0	0	569	158	7	0	1	0.00	5.79	0
10520073	10520107	8.75	0 1-	2 ACSR 6/1	0	0	565	158	0	0	0	0.00	5.79	0
10520108	10520107	8.79	1 1-	2 ACSR 6/1	0	0	562	158	7	0	1	0.00	5.79	0
10520109	10520106	8.69	181 3-	1/0 ACSR 6/1	816	727	571	159	915	41	18	0.02	8.78	42
10520110	10520109	8.75	180 3-	1/0 ACSR 6/1	810	721	566	158	907	41	18	0.02	8.82	37
10520064	10520110	8.84	175 3-	1/0 ACSR 6/1	801	713	561	158	866	39	17	0.02	8.87	49
10520065	10520064	8.92	170 3-	1/0 ACSR 6/1	794	706	555	157	841	38	17	0.02	8.92	44
10520071	10520065	8.97	40 1-	2 ACSR 6/1	0	0	551	157	244	35	20	0.05	16.69	10
D10-52-P162	10520071	8.97	38 1-	REC-35-H	0	0	551	157	236	34	98	0.00	16.69	0
10520072	D10-52-P162	9.13	38 1-	2 ACSR 6/1	0	0	539	156	236	34	19	0.15	16.84	32
10520059	10520072	9.21	32 1-	2 ACSR 6/1	0	0	534	156	208	30	17	0.06	16.90	12
10520060	10520059	9.26	30 1-	2 ACSR 6/1	0	0	530	155	193	28	16	0.04	16.94	7
10520087	10520060	9.31	27 1-	2 ACSR 6/1	0	0	526	155	175	25	14	0.04	16.98	6
10520121	10520087	9.35	26 1-	2 ACSR 6/1	0	0	523	155	174	25	14	0.03	17.01	5
D10-52-P136	10520121	9.35	1 1-	FUS	0	0	523	155	8	1	28	0.00	17.01	0
10520124	D10-52-P136	9.42	1 1-	2 ACSR 6/1	0	0	518	154	8	1	1	0.00	17.01	0
10520122	10520124	9.56	0 1-	2 ACSR 6/1	0	0	509	154	0	0	0	0.00	17.01	0
10520123	10520122	9.75	0 1-	2 ACSR 6/1	0	0	497	152	0	0	0	0.00	17.01	0
10520120	10520121	9.40	21 1-	2 ACSR 6/1	0	0	520	154	142	20	11	0.02	17.03	3
10520095	10520120	9.48	18 1-	2 ACSR 6/1	0	0	514	154	124	18	10	0.04	17.07	4
10520090	10520095	9.55	13 1-	2 ACSR 6/1	0	0	510	154	85	12	7	0.02	17.10	2
10520085	10520090	9.59	11 1-	2 ACSR 6/1	0	0	507	153	62	9	5	0.01	17.11	0
10520086	10520085	9.62	6 1-	2 ACSR 6/1	0	0	505	153	40	5	3	0.00	17.11	0
10520096	10520086	9.65	3 1-	2 ACSR 6/1	0	0	503	153	15	2	1	0.00	17.11	0
10530007	10520096	9.73	0 1-	2 ACSR 6/1	0	0	498	152	0	0	0	0.00	17.11	0
10530008	10530007	9.81	0 1-	2 ACSR 6/1	0	0	493	152	0	0	0	0.00	17.11	0
10530005	10520096	9.70	3 1-	2 ACSR 6/1	0	0	500	153	15	2	1	0.00	17.11	0
10530006	10530005	9.72	2 1-	2 ACSR 6/1	0	0	499	153	12	1	1	0.00	17.11	0
10520061	10520086	9.67	2 1-	2 ACSR 6/1	0	0	502	153	17	2	1	0.00	17.11	0
10520091	10520090	9.67	2 1-	2 ACSR 6/1	0	0	502	153	23	3	2	0.01	17.11	0
10520092	10520091	9.71	1 1-	2 ACSR 6/1	0	0	499	153	10	1	1	0.00	17.11	0
10520088	10520095	9.53	2 1-	2 ACSR 6/1	0	0	511	154	18	2	1	0.00	17.08	0
10520089	10520088	9.57	1 1-	2 ACSR 6/1	0	0	508	153	8	1	1	0.00	17.08	0
10520119	10520121	9.44	4 1-	2 ACSR 6/1	0	0	517	154	24	3	2	0.00	17.01	0
10520057	10520072	9.18	5 1-	2 ACSR 6/1	0	0	536	156	18	2	1	0.00	16.84	0
10520058	10520057	9.23	2 1-	2 ACSR 6/1	0	0	532	156	10	1	1	0.00	16.84	0
10520066	10520065	9.00	129 3-	1/0 ACSR 6/1	787	699	550	157	595	26	12	0.04	8.95	16

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10520069	10520066	9.05	127 3-	1/0 ACSR 6/1	781	694	547	157	582	26	11	0.03	8.98	12
10520070	10520069	9.10	125 3-	1/0 ACSR 6/1	778	691	544	157	579	26	11	0.02	8.99	8
10520074	10520070	9.16	124 3-	1/0 ACSR 6/1	771	685	540	156	575	26	11	0.03	9.02	14
10620061	10520074	9.19	123 3-	1/0 ACSR 6/1	769	683	538	156	571	25	11	0.01	9.03	6
10620070	10620061	9.22	122 3-	1/0 ACSR 6/1	766	680	536	156	568	25	11	0.01	9.04	6
10620072	10620070	9.29	2 1-	2 ACSR 6/1	0	0	531	156	6	0	0	0.00	16.79	0
10620071	10620070	9.36	117 3-	1/0 ACSR 6/1	754	669	528	156	551	24	11	0.06	9.10	26
10620074	10620071	9.39	77 3-	1/0 ACSR 6/1	751	667	526	155	325	14	6	0.02	9.10	4
10620075	10620074	9.43	76 3-	1/0 ACSR 6/1	748	664	524	155	324	14	6	0.03	9.11	5
10620077	10620075	9.53	70 3-	1/0 ACSR 6/1	740	656	518	155	318	13	6	0.06	9.13	11
10620078	10620077	9.60	4 1-	2 ACSR 6/1	0	0	514	154	32	4	2	0.01	4.37	0
10620079	10620078	9.64	2 1-	2 ACSR 6/1	0	0	510	154	20	2	1	0.00	4.38	0
10620080	10620079	9.71	1 1-	2 ACSR 6/1	0	0	506	154	13	1	1	0.00	4.38	0
10620054	10620080	9.77	0 1-	2 ACSR 6/1	0	0	502	153	0	0	0	0.00	4.38	0
10620073	10620080	9.79	1 1-	2 ACSR 6/1	0	0	501	153	13	1	1	0.00	4.38	0
10620081	10620078	9.66	2 1-	2 ACSR 6/1	0	0	509	154	12	1	1	0.00	4.37	0
10620082	10620077	9.61	63 3-	1/0 ACSR 6/1	733	650	513	154	266	11	5	0.05	9.15	9
10620062	10620082	9.64	63 3-	1/0 ACSR 6/1	731	648	512	154	265	11	5	0.02	9.15	3
10620057	10620062	9.71	62 3-	1/0 ACSR 6/1	725	643	508	154	261	11	5	0.04	9.17	7
10620058	10620057	9.75	58 3-	1/0 ACSR 6/1	722	640	506	154	255	11	5	0.03	9.17	5
10620059	10620058	9.81	56 3-	1/0 ACSR 6/1	717	636	503	154	244	10	5	0.03	9.18	6
10620064	10620059	9.91	53 3-	1/0 ACSR 6/1	709	629	497	153	228	10	4	0.06	9.20	10
10620066	10620064	9.96	49 3-	1/0 ACSR 6/1	705	625	495	153	215	9	4	0.03	9.21	4
10620122	10620066	10.06	1 1-	1/0 ACSR 6/1	0	0	490	152	14	1	1	0.00	6.43	0
10620067	10620066	10.00	48 3-	1/0 ACSR 6/1	702	622	492	153	201	8	4	0.02	9.21	3
10620068	10620067	10.04	44 3-	1/0 ACSR 6/1	699	619	490	153	193	8	4	0.02	9.22	3
10620069	10620068	10.07	43 3-	1/0 ACSR 6/1	697	618	489	152	193	8	4	0.01	9.22	2
10620103	10620069	10.15	39 3-	1/0 ACSR 6/1	692	612	485	152	179	7	3	0.04	9.23	5
10620056	10620103	10.22	39 1-	2 ACSR 6/1	0	0	481	152	179	23	13	0.05	6.57	7
D10-62-P031	10620056	10.22	39 1-	REC-25-H	0	0	481	152	179	23	95	0.00	6.57	0
10620119	D10-62-P031	10.30	39 1-	2 ACSR 6/1	0	0	476	151	179	23	13	0.06	6.62	8
10620120	10620119	10.52	39 1-	2 ACSR 6/1	0	0	464	150	179	23	13	0.14	6.77	21
10730008	10620120	10.63	39 1-	2 ACSR 6/1	0	0	458	149	178	23	13	0.07	6.84	11
10730009	10730008	10.67	38 1-	2 ACSR 6/1	0	0	455	149	173	23	13	0.03	6.87	4
10730010	10730009	10.71	38 1-	2 ACSR 6/1	0	0	453	149	173	23	13	0.03	6.90	4
10730011	10730010	10.82	36 1-	2 ACSR 6/1	0	0	448	148	164	21	12	0.06	6.96	8
10730012	10730011	10.86	0 1-	2 ACSR 6/1	0	0	445	148	0	0	0	0.00	6.96	0
10730007	10730011	10.97	36 1-	2 ACSR 6/1	0	0	440	147	164	21	12	0.09	7.05	13
10720008	10730007	11.02	33 1-	2 ACSR 6/1	0	0	437	147	159	21	12	0.03	7.08	4
10720011	10720008	11.12	32 1-	2 ACSR 6/1	0	0	432	146	155	20	12	0.06	7.14	8
10720017	10720011	11.18	31 1-	2 ACSR 6/1	0	0	429	146	151	20	11	0.03	7.18	4
10720018	10720017	11.32	30 1-	2 ACSR 6/1	0	0	423	145	143	19	11	0.07	7.25	8
10720009	10720018	11.44	29 1-	2 ACSR 6/1	0	0	417	145	139	18	10	0.06	7.31	7
10720010	10720009	11.54	28 1-	2 ACSR 6/1	0	0	413	144	135	18	10	0.05	7.36	6
10720013	10720010	11.64	28 1-	2 ACSR 6/1	0	0	409	144	135	18	10	0.05	7.41	5
10720014	10720013	11.69	26 1-	2 ACSR 6/1	0	0	406	143	130	17	10	0.03	7.44	3
10820044	10720014	11.73	3 1-	2 ACSR 6/1	0	0	404	143	6	0	0	0.00	7.44	0
10820041	10720014	11.74	23 1-	2 ACSR 6/1	0	0	404	143	124	16	9	0.02	7.46	2
10820042	10820041	11.78	4 1-	2 ACSR 6/1	0	0	403	143	29	3	2	0.00	7.46	0
10820043	10820042	11.83	3 1-	2 ACSR 6/1	0	0	400	143	28	3	2	0.01	7.47	0
10820045	10820043	11.87	2 1-	2 ACSR 6/1	0	0	399	142	17	2	1	0.00	7.47	0
10820047	10820045	11.96	1 1-	2 ACSR 6/1	0	0	395	142	10	1	1	0.00	7.47	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS	CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
10820046	10820043	11.86	1 1-	2 ACSR 6/1	0	0	399	142	12	1	1	0.00	7.47	0
10820048	10820041	11.82	19 1-	2 ACSR 6/1	0	0	401	143	95	12	7	0.03	7.49	2
10820049	10820048	11.85	19 1-	2 ACSR 6/1	0	0	400	143	95	12	7	0.01	7.50	0
10820050	10820049	11.95	16 1-	2 ACSR 6/1	0	0	395	142	84	11	6	0.03	7.53	2
D10-82-P016	10820050	11.95	16 1-	FUS	0	0	395	142	84	11	256	0.00	7.53	0
10820051	D10-82-P016	12.00	16 1-	2 ACSR 6/1	0	0	393	142	84	11	6	0.02	7.55	1
10820052	10820051	12.06	14 1-	2 ACSR 6/1	0	0	391	141	77	10	6	0.01	7.56	0
10820053	10820052	12.15	12 1-	2 ACSR 6/1	0	0	387	141	64	8	5	0.02	7.58	1
10820054	10820053	12.20	11 1-	2 ACSR 6/1	0	0	386	141	60	8	4	0.01	7.59	0
10820057	10820054	12.25	10 1-	2 ACSR 6/1	0	0	383	140	59	7	4	0.01	7.60	0
10820063	10820057	12.32	8 1-	2 ACSR 6/1	0	0	381	140	50	6	4	0.01	7.62	0
10820064	10820063	12.55	7 1-	2 ACSR 6/1	0	0	372	139	47	6	4	0.04	7.66	2
10820062	10820064	12.70	5 1-	2 ACSR 6/1	0	0	367	138	22	2	2	0.01	7.67	0
D10-83-P001	10820062	12.70	3 1-	FUS-35	0	0	367	138	14	1	7	0.00	7.67	0
10830007	D10-83-P001	12.76	3 1-	2 ACSR 6/1	0	0	365	138	14	1	1	0.00	7.67	0
10830015	10830007	13.44	1 1-	2 ACSR 6/1	0	0	342	135	6	0	0	0.02	7.69	0
10830014	10830015	14.15	1 1-	2 ACSR 6/1	0	0	321	131	6	0	0	0.01	7.70	0
10830011	10830007	12.80	2 1-	2 ACSR 6/1	0	0	363	138	8	1	1	0.00	7.67	0
10820055	10820064	12.60	2 1-	2 ACSR 6/1	0	0	370	139	26	3	2	0.00	7.66	0
10820056	10820055	12.68	2 1-	2 ACSR 6/1	0	0	367	138	26	3	2	0.01	7.67	0
10820058	10820056	12.85	2 1-	2 ACSR 6/1	0	0	361	137	26	3	2	0.02	7.69	0
10920023	10820058	12.98	1 1-	2 ACSR 6/1	0	0	357	137	13	1	1	0.00	7.69	0
10920022	10820058	12.89	1 1-	2 ACSR 6/1	0	0	360	137	13	1	1	0.00	7.69	0
10720007	10720010	11.61	0 1-	2 ACSR 6/1	0	0	410	144	0	0	0	0.00	7.36	0
10720012	10720011	11.16	1 1-	2 ACSR 6/1	0	0	430	146	4	0	0	0.00	7.14	0
10620098	10620090	10.13	1 3-	1/0 ACSR 6/1	693	613	486	152	7	0	0	0.00	9.22	0
10620065	10620064	9.94	2 1-	2 ACSR 6/1	0	0	495	153	7	0	1	0.00	6.40	0
10620060	10620059	9.99	3 1-	2 ACSR 6/1	0	0	491	152	16	2	1	0.01	6.35	0
10620063	10620060	10.08	1 1-	2 ACSR 6/1	0	0	486	152	3	0	0	0.00	6.35	0
10620076	10620075	9.50	3 1-	2 ACSR 6/1	0	0	519	155	2	0	0	0.00	4.37	0
10620099	10620071	9.38	4 1-	2 ACSR 6/1	0	0	526	155	24	3	2	0.00	4.37	0
10620100	10620099	9.45	1 1-	2 ACSR 6/1	0	0	522	155	2	0	0	0.00	4.37	0
10620102	10620071	9.44	34 1-	2 ACSR 6/1	0	0	522	155	185	26	15	0.06	16.92	10
D10-62-P034	10620102	9.44	33 1-	REC-35-H	0	0	522	155	179	25	74	0.00	16.92	0
10620053	D10-62-P034	9.47	33 1-	2 ACSR 6/1	0	0	520	155	179	25	14	0.02	16.94	4
10620104	10620053	9.52	1 1-	2 ACSR 6/1	0	0	517	155	1	0	0	0.00	16.94	0
10620055	10620053	9.51	32 1-	2 ACSR 6/1	0	0	517	155	178	25	14	0.03	16.97	5
D10-62-P035	10620055	9.51	12 1-	FUS-20	0	0	517	155	81	11	66	0.00	16.97	0
10620114	D10-62-P035	9.59	12 1-	2 ACSR 6/1	0	0	512	154	81	11	7	0.03	17.00	2
10620094	10620114	9.67	11 1-	2 ACSR 6/1	0	0	507	154	71	10	6	0.02	17.02	1
10620096	10620094	9.70	9 1-	2 ACSR 6/1	0	0	505	153	59	8	5	0.01	17.03	0
10620115	10620096	9.76	3 1-	2 ACSR 6/1	0	0	501	153	26	3	2	0.00	17.03	0
10620116	10620115	9.79	2 1-	2 ACSR 6/1	0	0	499	153	16	2	1	0.00	17.03	0
10620095	10620116	9.85	1 1-	2 ACSR 6/1	0	0	495	153	2	0	0	0.00	17.03	0
10620097	10620096	9.97	4 1-	2 ACSR 6/1	0	0	487	152	24	3	2	0.02	17.05	0
10630028	10620097	10.19	2 1-	2 ACSR 6/1	0	0	474	151	16	2	1	0.01	17.06	0
10630029	10630028	10.46	2 1-	2 ACSR 6/1	0	0	459	149	16	2	1	0.02	17.08	0
10630030	10630029	10.74	2 1-	2 ACSR 6/1	0	0	445	147	16	2	1	0.01	17.09	0
10630026	10630030	10.85	1 1-	2 ACSR 6/1	0	0	439	147	7	1	1	0.00	17.10	0
10620093	10620114	9.64	1 1-	2 ACSR 6/1	0	0	509	154	9	1	1	0.00	17.00	0
10620105	10620055	9.59	20 1-	2 ACSR 6/1	0	0	512	154	97	14	8	0.03	17.00	3
10620106	10620105	9.66	19 1-	2 ACSR 6/1	0	0	507	154	96	14	8	0.03	17.03	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10620092	10620106	9.76	1 1-	2 ACSR 6/1	0	0	501	153	9	1	1	0.00	17.03	0
10620117	10620106	9.81	17 1-	2 ACSR 6/1	0	0	498	153	85	12	7	0.05	17.08	4
10620118	10620117	9.87	17 1-	2 ACSR 6/1	0	0	494	152	85	12	7	0.02	17.11	2
10520056	10620118	9.95	0 1-	2 ACSR 6/1	0	0	489	152	0	0	0	0.00	17.11	0
10520118	10620118	10.04	17 1-	2 ACSR 6/1	0	0	483	151	85	12	7	0.06	17.16	5
10630027	10520118	10.17	17 1-	2 ACSR 6/1	0	0	476	151	85	12	7	0.04	17.20	3
10630013	10630027	10.22	9 1-	2 ACSR 6/1	0	0	473	150	33	4	3	0.01	17.21	0
10630017	10630013	10.30	5 1-	2 ACSR 6/1	0	0	468	150	24	3	2	0.01	17.21	0
10630018	10630017	10.47	2 1-	2 ACSR 6/1	0	0	459	149	6	0	0	0.00	17.21	0
10630014	10630013	10.26	2 1-	2 ACSR 6/1	0	0	471	150	5	0	0	0.00	17.21	0
10630016	10630014	10.32	1 1-	2 ACSR 6/1	0	0	467	150	5	0	0	0.00	17.21	0
10630015	10630014	10.32	1 1-	2 ACSR 6/1	0	0	467	150	0	0	0	0.00	17.21	0
10630012	10630027	10.20	5 1-	2 ACSR 6/1	0	0	474	150	21	3	2	0.00	17.20	0
10630019	10630012	10.23	4 1-	2 ACSR 6/1	0	0	472	150	21	3	2	0.00	17.21	0
10630020	10630019	10.27	1 1-	2 ACSR 6/1	0	0	470	150	8	1	1	0.00	17.21	0
10620101	10620071	9.42	2 1-	2 ACSR 6/1	0	0	524	155	16	2	1	0.00	4.37	0
10520067	10520066	9.06	2 1-	2 ACSR 6/1	0	0	546	157	12	1	1	0.00	4.29	0
10520068	10520067	9.13	1 1-	2 ACSR 6/1	0	0	540	156	4	0	0	0.00	4.29	0
10520062	10520110	8.83	4 1-	2 ACSR 6/1	0	0	560	158	30	3	2	0.01	4.21	0
10520063	10520062	8.88	2 1-	2 ACSR 6/1	0	0	556	157	25	3	2	0.00	4.21	0
10520125	10520063	8.93	1 1-	2 ACSR 6/1	0	0	552	157	9	1	1	0.00	4.21	0
10520104	10520105	8.60	1 1-	2 ACSR 6/1	0	0	576	159	11	1	1	0.00	4.09	0
10520100	10520117	8.52	4 1-	2 ACSR 6/1	0	0	581	159	30	4	2	0.01	16.09	0
10520102	10520100	8.59	2 1-	2 ACSR 6/1	0	0	575	159	12	1	1	0.00	16.10	0
10520101	10520100	8.57	2 1-	2 ACSR 6/1	0	0	577	159	19	2	1	0.00	16.10	0
10520078	10520083	8.28	2 1-	2 ACSR 6/1	0	0	599	160	24	3	2	0.00	5.68	0
10520079	10520078	8.31	1 1-	2 ACSR 6/1	0	0	597	160	12	1	1	0.00	5.68	0
10520082	10520084	8.36	1 1-	2 ACSR 6/1	0	0	592	160	11	1	1	0.00	15.79	0
10420075	10520082	8.41	0 1-	2 ACSR 6/1	0	0	587	159	0	0	0	0.00	15.79	0
10520075	10420067	8.25	31 1-	2 ACSR 6/1	0	0	601	160	174	22	13	0.07	5.72	10
	10520075	8.25	30 1-	REC-35-H	0	0	601	160	163	21	61	0.00	5.72	0
D10-52-P113	10520076	8.28	30 1-	2 ACSR 6/1	0	0	598	160	163	21	12	0.02	5.74	2
10520076	D10-52-P113	8.28	30 1-	2 ACSR 6/1	0	0	598	160	163	21	12	0.02	5.74	2
10520077	10520076	8.36	29 1-	2 ACSR 6/1	0	0	592	160	159	20	12	0.04	5.78	6
10420077	10520077	8.44	27 1-	2 ACSR 6/1	0	0	584	159	156	20	11	0.05	5.83	6
10420143	10420077	8.58	1 1-	2 ACSR 6/1	0	0	572	158	12	1	1	0.00	5.83	0
10420078	10420077	8.52	25 1-	2 ACSR 6/1	0	0	577	159	134	17	10	0.04	5.87	5
10420070	10420078	8.59	24 1-	2 ACSR 6/1	0	0	572	158	131	17	10	0.03	5.91	3
10420081	10420070	8.63	23 1-	2 ACSR 6/1	0	0	568	158	130	17	10	0.02	5.93	2
10420082	10420081	8.68	23 1-	2 ACSR 6/1	0	0	564	158	130	17	10	0.03	5.95	3
10420084	10420082	8.75	22 1-	2 ACSR 6/1	0	0	558	157	126	16	9	0.03	5.98	3
10420126	10420084	8.88	19 1-	2 ACSR 6/1	0	0	549	156	115	15	8	0.05	6.04	5
10420127	10420126	9.01	17 1-	2 ACSR 6/1	0	0	539	156	112	14	8	0.05	6.09	5
10430081	10420127	9.08	13 1-	2 ACSR 6/1	0	0	533	155	89	11	7	0.02	6.11	2
10430082	10430081	9.22	12 1-	2 ACSR 6/1	0	0	523	154	79	10	6	0.04	6.15	3
10430083	10430082	9.30	2 1-	2 ACSR 6/1	0	0	517	154	18	2	1	0.00	6.16	0
10430074	10430083	9.36	1 1-	2 ACSR 6/1	0	0	513	153	10	1	1	0.00	6.16	0
10430075	10430082	9.28	10 1-	2 ACSR 6/1	0	0	519	154	61	8	4	0.01	6.16	0
10430100	10430075	9.31	5 1-	2 ACSR 6/1	0	0	517	154	33	4	2	0.00	6.17	0
10430101	10430100	9.35	4 1-	2 ACSR 6/1	0	0	514	153	17	2	1	0.00	6.17	0
10430099	10430101	9.45	1 1-	2 ACSR 6/1	0	0	508	153	0	0	0	0.00	6.17	0
10430076	10430075	9.38	5 1-	2 ACSR 6/1	0	0	512	153	27	3	2	0.01	6.18	0
10430072	10430076	9.45	2 1-	2 ACSR 6/1	0	0	508	153	6	0	0	0.00	6.18	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10430073	10430076	9.50	3 1-	2 ACSR 6/1	0	0	504	153	22	2	2	0.01	6.18	0
10430077	10430073	9.61	2 1-	2 ACSR 6/1	0	0	497	152	17	2	1	0.01	6.19	0
10430071	10430077	9.69	1 1-	2 ACSR 6/1	0	0	492	151	9	1	1	0.00	6.19	0
10430069	10430077	9.69	1 1-	2 ACSR 6/1	0	0	492	151	8	1	1	0.00	6.19	0
10430070	10430069	9.83	0 1-	2 ACSR 6/1	0	0	483	151	0	0	0	0.00	6.19	0
10430047	10430070	9.92	0 1-	2 ACSR 6/1	0	0	477	150	0	0	0	0.00	6.19	0
10430080	10420127	9.07	1 1-	2 ACSR 6/1	0	0	534	155	11	1	1	0.00	6.09	0
10430078	10420127	9.06	2 1-	2 ACSR 6/1	0	0	535	155	2	0	0	0.00	6.09	0
10430079	10430078	9.11	1 1-	2 ACSR 6/1	0	0	531	155	1	0	0	0.00	6.09	0
10420083	10420082	8.72	1 1-	2 ACSR 6/1	0	0	561	157	3	0	0	0.00	5.95	0
10420080	10420070	8.66	1 1-	2 ACSR 6/1	0	0	566	158	2	0	0	0.00	5.91	0
10420079	10420078	8.56	1 1-	2 ACSR 6/1	0	0	574	158	2	0	0	0.00	5.87	0
10430055	10430061	6.99	19 3-	1/0 ACSR 6/1	1029	924	717	166	117	5	2	0.00	7.16	1
10420130	10430055	7.06	16 1-	2 ACSR 6/1	0	0	708	166	83	11	7	0.02	13.66	2
10420131	10420130	7.17	11 1-	2 ACSR 6/1	0	0	696	165	66	9	5	0.03	13.69	2
10330041	10420131	7.17	0 1-	2 ACSR 6/1	0	0	695	165	0	0	0	0.00	13.69	0
10-33-P111-A	10330041	7.17	0 1-	Open	0	0	695	165	0	0	0	0.00	13.69	0
10330099	10420131	7.34	11 1-	2 ACSR 6/1	0	0	676	164	66	9	5	0.04	13.73	2
10420132	10330099	7.45	10 1-	2 ACSR 6/1	0	0	663	163	59	8	5	0.02	13.75	0
10320148	10420132	7.49	3 1-	2 ACSR 6/1	0	0	659	163	16	2	1	0.00	13.75	0
10320147	10420132	7.51	4 1-	2 ACSR 6/1	0	0	656	163	25	3	2	0.00	13.75	0
10320146	10320147	7.59	0 1-	2 ACSR 6/1	0	0	648	162	0	0	0	0.00	13.75	0
10420129	10420130	7.09	1 1-	2 ACSR 6/1	0	0	705	166	3	0	0	0.00	13.66	0
10420124	10420130	7.13	3 1-	2 ACSR 6/1	0	0	700	166	7	0	1	0.00	13.66	0
10420128	10430055	7.05	1 1-	2 ACSR 6/1	0	0	710	166	5	0	0	0.00	4.83	0
10420135	10430055	7.07	1 3-	1/0 ACSR 6/1	1018	914	709	166	28	1	1	0.00	7.16	0
10430054	10430060	6.73	0 1-	2 ACSR 6/1	0	0	745	168	0	0	0	0.00	13.04	0
10430058	10430059	6.70	7 3-	1/0 ACSR 6/1	1076	969	750	168	97	4	2	0.00	6.79	0
10330074	10430058	6.76	6 3-	1/0 ACSR 6/1	1067	960	743	168	82	3	2	0.00	6.79	0
10330071	10330074	6.89	4 3-	1/0 ACSR 6/1	1046	941	729	167	76	3	1	0.01	6.80	0
10330072	10330071	7.01	3 3-	1/0 ACSR 6/1	1027	922	715	166	74	3	1	0.01	6.81	0
10330075	10330072	7.09	2 3-	1/0 ACSR 6/1	1014	911	707	166	68	3	1	0.00	6.81	0
10330076	10330075	7.16	1 3-	1/0 ACSR 6/1	1003	900	699	166	58	2	1	0.00	6.81	0
10330073	10330072	7.02	0 1-	2 ACSR 6/1	0	0	714	166	0	0	0	0.00	13.00	0
10-33-P111-B	10330073	7.02	0 1-	Open	0	0	714	166	0	0	0	0.00	13.00	0
10330070	10330074	6.79	2 1-	2 ACSR 6/1	0	0	739	167	7	0	1	0.00	12.99	0
10330077	10330070	6.84	1 1-	2 ACSR 6/1	0	0	732	167	0	0	0	0.00	12.99	0
10440047	10440027	4.82	0 1-	2 ACSR 6/1	0	0	1007	175	0	0	0	0.00	3.77	0
10440034	10440049	4.21	1 1-	2 ACSR 6/1	0	0	1127	177	1	0	0	0.00	3.47	0
10650186	10650182	2.92	2 1-	2 ACSR 6/1	0	0	1531	181	12	1	1	0.00	7.16	0
10650184	10650182	2.89	5 1-	2 ACSR 6/1	0	0	1543	182	29	3	2	0.00	2.90	0
10650185	10650184	2.92	1 1-	2 ACSR 6/1	0	0	1530	181	3	0	0	0.00	2.90	0
10650170	10650169	2.85	1 1-	2 ACSR 6/1	0	0	1557	182	2	0	0	0.00	7.01	0
10650176	10650098	2.56	1 1-	2 ACSR 6/1	0	0	1690	183	4	0	0	0.00	6.38	0
10650120	10650098	2.58	42 1-	2 ACSR 6/1	0	0	1682	183	262	33	19	0.05	2.77	11
D10-65-P017	10650120	2.58	39 1-	REC-50-4H	0	0	1682	183	255	32	66	0.00	2.77	0
10650197	D10-65-P017	2.63	39 1-	2 ACSR 6/1	0	0	1648	182	255	32	18	0.05	2.81	10
10650123	10650197	2.72	37 1-	2 ACSR 6/1	0	0	1590	181	246	31	18	0.08	2.90	16
10650125	10650123	2.75	35 1-	2 ACSR 6/1	0	0	1576	181	240	30	17	0.02	2.92	4
10650126	10650125	2.78	34 1-	2 ACSR 6/1	0	0	1556	181	231	29	17	0.03	2.94	5
10650127	10650126	2.81	33 1-	2 ACSR 6/1	0	0	1539	181	230	29	17	0.02	2.97	4
10650157	10650127	2.87	29 1-	2 ACSR 6/1	0	0	1506	180	215	27	15	0.05	3.01	8

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10650155	10650157	3.00	12 1-	2 ACSR 6/1	0	0	1436	179	99	12	7	0.05	3.06	4
10650156	10650155	3.06	11 1-	2 ACSR 6/1	0	0	1405	179	99	12	7	0.02	3.08	2
10650160	10650156	3.17	7 1-	2 ACSR 6/1	0	0	1356	178	90	11	6	0.03	3.12	2
10650201	10650160	3.20	6 1-	2 ACSR 6/1	0	0	1340	178	81	10	6	0.01	3.13	0
10650090	10650201	3.23	5 1-	2 ACSR 6/1	0	0	1327	178	61	7	4	0.01	3.13	0
10650119	10650090	3.34	4 1-	2 ACSR 6/1	0	0	1281	177	43	5	3	0.01	3.15	0
10640030	10650119	3.39	2 1-	2 ACSR 6/1	0	0	1259	176	19	2	1	0.00	3.15	0
10640032	10640030	3.42	1 1-	2 ACSR 6/1	0	0	1249	176	9	1	1	0.00	3.15	0
10640031	10640030	3.42	1 1-	2 ACSR 6/1	0	0	1247	176	10	1	1	0.00	3.15	0
10650162	10650090	3.29	1 1-	2 ACSR 6/1	0	0	1300	177	17	2	1	0.00	3.13	0
10650161	10650201	3.26	1 1-	2 ACSR 6/1	0	0	1314	177	20	2	1	0.00	3.13	0
10650154	10650157	2.89	15 1-	2 ACSR 6/1	0	0	1492	180	104	13	7	0.01	3.02	0
10650158	10650154	2.93	15 1-	2 ACSR 6/1	0	0	1471	180	104	13	7	0.01	3.04	1
10650159	10650158	3.00	13 1-	2 ACSR 6/1	0	0	1437	179	87	11	6	0.02	3.06	1
10650175	10650159	3.07	11 1-	2 ACSR 6/1	0	0	1400	179	64	8	5	0.02	3.07	0
10640022	10650175	3.09	2 1-	2 ACSR 6/1	0	0	1391	179	12	1	1	0.00	3.07	0
10640023	10640022	3.16	1 1-	2 ACSR 6/1	0	0	1362	178	4	0	0	0.00	3.07	0
10640024	10650175	3.10	9 1-	2 ACSR 6/1	0	0	1389	179	52	6	4	0.00	3.08	0
10640025	10640024	3.13	8 1-	2 ACSR 6/1	0	0	1375	178	43	5	3	0.00	3.08	0
10640026	10640025	3.29	7 1-	2 ACSR 6/1	0	0	1304	177	34	4	2	0.02	3.10	0
10640027	10640026	3.38	6 1-	2 ACSR 6/1	0	0	1266	176	31	4	2	0.01	3.11	0
10640029	10640027	3.45	6 1-	2 ACSR 6/1	0	0	1236	176	31	4	2	0.01	3.12	0
10640033	10640029	3.59	5 1-	2 ACSR 6/1	0	0	1185	175	22	2	2	0.01	3.13	0
10640021	10640033	3.79	4 1-	2 ACSR 6/1	0	0	1118	173	19	2	1	0.01	3.14	0
10640036	10640021	3.99	1 1-	2 ACSR 6/1	0	0	1056	172	8	0	1	0.00	3.15	0
10640035	10640021	3.91	1 1-	2 ACSR 6/1	0	0	1079	173	8	1	1	0.00	3.14	0
10640034	10640021	3.99	2 1-	2 ACSR 6/1	0	0	1055	172	4	0	0	0.00	3.14	0
10640037	10640033	4.01	1 1-	2 ACSR 6/1	0	0	1052	172	3	0	0	0.00	3.13	0
10640028	10640027	3.49	0 1-	2 ACSR 6/1	0	0	1224	176	0	0	0	0.00	3.11	0
10650128	10650127	2.88	1 1-	2 ACSR 6/1	0	0	1501	180	9	1	1	0.00	2.97	0
10650121	10650120	2.65	3 1-	2 ACSR 6/1	0	0	1633	182	7	0	0	0.00	2.77	0
10650122	10650121	2.71	1 1-	2 ACSR 6/1	0	0	1595	181	3	0	0	0.00	2.77	0
10650097	10650096	2.29	0 1-	2 ACSR 6/1	0	0	1838	184	0	0	0	0.00	2.46	0
10650109	10650096	2.30	12 1-	2 ACSR 6/1	0	0	1831	183	64	8	5	0.01	5.77	0
D10-65-P038	10650109	2.30	11 1-	FUS	0	0	1831	183	61	8	184	0.00	5.77	0
10650196	D10-65-P038	2.33	11 1-	2 ACSR 6/1	0	0	1811	183	61	8	4	0.01	5.77	0
10650110	10650196	2.36	10 1-	2 ACSR 6/1	0	0	1787	183	58	7	4	0.01	5.78	0
10650111	10650110	2.40	10 1-	2 ACSR 6/1	0	0	1758	183	58	7	4	0.01	5.79	0
10650114	10650111	2.49	8 1-	2 ACSR 6/1	0	0	1696	182	52	6	4	0.02	5.80	0
10650116	10650114	2.57	7 1-	2 ACSR 6/1	0	0	1643	181	51	6	4	0.01	5.82	0
10650118	10650116	2.58	4 1-	2 ACSR 6/1	0	0	1634	181	22	2	2	0.00	5.82	0
10650124	10650118	2.64	2 1-	2 ACSR 6/1	0	0	1595	181	6	0	0	0.00	5.82	0
10650117	10650116	2.65	1 1-	2 ACSR 6/1	0	0	1593	181	18	2	1	0.00	5.82	0
10650112	10650111	2.43	1 1-	2 ACSR 6/1	0	0	1736	182	1	0	0	0.00	5.79	0
10650113	10650112	2.47	1 1-	2 ACSR 6/1	0	0	1710	182	1	0	0	0.00	5.79	0
10650152	10650151	2.12	1 1-	2 ACSR 6/1	0	0	1939	184	0	0	0	0.00	5.22	0
10660122	10660193	1.72	1 1-	2 ACSR 6/1	0	0	2247	185	10	1	1	0.00	4.21	0
10660145	10660182	0.70	3 1-	2 ACSR 6/1	0	0	3562	188	17	2	1	0.00	0.77	0
10660172	10660171	0.65	185 3-	336 ACSR 18/1	4000	3914	3672	189	1261	53	10	0.02	0.81	14
10660196	10660172	0.70	1 3-	336 ACSR 18/1	3939	3846	3590	189	3	0	0	0.00	0.81	0
D10-66-P207	10660196	0.70	1 1-	FUS	0	0	3590	189	3	0	10	0.00	0.74	0
10660197	D10-66-P207	0.78	1 1-	2 ACSR 6/1	0	0	3382	188	3	0	0	0.00	0.74	0

Case: 2007 - 2010 CONSTRUCTION WORK PLAN - EXISTING SYSTEM WITH PROPOSED WINTER 2010/11 LOADS
Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10660173	10660197	0.86	0 1-	2 ACSR 6/1	0	0	3187	187	0	0	0	0.00	0.74	0
10660147	10660172	0.68	184 3-	1/0 ACSR 6/1	3946	3855	3604	189	1257	53	23	0.03	0.83	23
10660146	10660147	0.70	182 3-	1/0 ACSR 6/1	3914	3820	3564	189	1253	52	23	0.02	0.85	14
D10-66-P195	10660146	0.70	182 3-	RBC-70-L	3914	3820	3564	189	1253	52	26	0.00	0.85	0
10660149	D10-66-P195	0.79	182 3-	1/0 ACSR 6/1	3739	3628	3349	188	1253	52	23	0.09	0.93	77
10660148	10660149	1.03	180 3-	1/0 ACSR 6/1	3359	3217	2909	187	1234	52	23	0.22	1.12	183
10560042	10660148	1.09	173 3-	1/0 ACSR 6/1	3263	3115	2803	186	1170	49	22	0.07	1.17	48
10560041	10560042	1.18	172 3-	1/0 ACSR 6/1	3138	2983	2669	186	1159	49	21	0.09	1.23	64
10560093	10560041	1.22	4 1-	2 ACSR 6/1	0	0	2614	186	14	1	1	0.00	1.78	0
10560094	10560093	1.30	1 1-	2 ACSR 6/1	0	0	2481	185	4	0	0	0.00	1.78	0
10560099	10560041	1.21	168 3-	1/0 ACSR 6/1	3099	2941	2627	186	1145	48	21	0.03	1.26	20
10560105	10560099	1.29	165 3-	1/0 ACSR 6/1	2997	2834	2520	185	1118	47	21	0.08	1.32	54
10560107	10560105	1.38	163 3-	1/0 ACSR 6/1	2889	2722	2410	185	1112	47	20	0.09	1.38	59
10560109	10560107	1.47	159 3-	1/0 ACSR 6/1	2787	2617	2308	184	1091	46	20	0.09	1.45	58
10560111	10560109	1.52	2 1-	2 ACSR 6/1	0	0	2247	184	16	2	1	0.00	1.93	0
10560110	10560109	1.58	157 3-	1/0 ACSR 6/1	2677	2504	2199	184	1074	45	20	0.11	1.52	66
10560081	10560110	1.62	10 1-	2 ACSR 6/1	0	0	2145	183	45	5	3	0.01	1.66	0
10560079	10560081	1.67	6 1-	2 ACSR 6/1	0	0	2094	183	26	3	2	0.00	1.66	0
10560080	10560079	1.72	4 1-	2 ACSR 6/1	0	0	2044	183	20	2	1	0.00	1.67	0
10560112	10560080	1.78	2 1-	2 ACSR 6/1	0	0	1978	182	17	2	1	0.00	1.67	0
10560083	10560110	1.62	147 3-	1/0 ACSR 6/1	2631	2458	2155	184	1029	43	19	0.04	1.55	26
10550116	10560083	1.77	1 1-	2 ACSR 6/1	0	0	2004	183	8	1	1	0.00	1.70	0
10550162	10560083	1.71	145 3-	1/0 ACSR 6/1	2550	2376	2077	183	1009	42	19	0.07	1.61	46
10550128	10550162	1.80	7 1-	2 ACSR 6/1	0	0	1983	182	63	8	5	0.02	2.05	0
10550129	10550128	1.94	5 1-	2 ACSR 6/1	0	0	1858	181	39	5	3	0.02	2.07	0
10550127	10550129	1.99	4 1-	2 ACSR 6/1	0	0	1811	181	29	3	2	0.01	2.07	0
10550117	10550127	2.05	1 1-	2 ACSR 6/1	0	0	1767	181	0	0	0	0.00	2.07	0
10550163	10550127	2.03	2 1-	2 ACSR 6/1	0	0	1785	181	21	2	1	0.00	2.07	0
10550137	10550163	2.08	1 1-	2 ACSR 6/1	0	0	1740	180	15	1	1	0.00	2.08	0
10550118	10550162	1.76	136 3-	1/0 ACSR 6/1	2500	2325	2029	183	930	39	17	0.05	1.64	28
10550168	10550118	1.81	133 3-	1/0 ACSR 6/1	2454	2279	1986	183	911	38	17	0.05	1.67	25
10-55-P216-B	10550168	1.81	133 3-	Closed	2454	2279	1986	183	911	38	0	0.00	1.67	0
10-55-P216-A	10-55-P216-B	1.81	133 3-	Closed	1711	1557	1281	178	911	38	0	0.00	1.67	0
10550192	10-55-P216-A	1.84	133 3-	1/0 ACSR 6/1	1711	1557	1281	178	911	38	17	0.02	1.68	11
10550164	10550192	2.03	101 3-	1/0 ACSR 6/1	1721	1567	1289	178	627	26	12	0.08	1.76	40
10550190	10550164	2.12	5 1-	2 ACSR 6/1	0	0	1315	178	25	3	2	0.01	2.11	0
10550191	10550190	2.15	3 1-	2 ACSR 6/1	0	0	1304	178	18	2	1	0.00	2.11	0
10550165	10550191	2.19	2 1-	2 ACSR 6/1	0	0	1287	177	13	1	1	0.00	2.11	0
10550189	10550164	2.11	93 3-	1/0 ACSR 6/1	1807	1650	1359	179	583	24	11	0.04	1.79	16
10550193	10550189	2.18	5 1-	2 ACSR 6/1	0	0	1359	179	17	2	1	0.00	2.12	0
10550194	10550193	2.22	2 1-	2 ACSR 6/1	0	0	1340	178	3	0	0	0.00	2.12	0
10550188	10550189	2.20	87 3-	1/0 ACSR 6/1	1847	1689	1391	179	557	23	10	0.04	1.83	17
10550122	10550188	2.31	78 3-	1/0 ACSR 6/1	1895	1735	1430	180	515	21	10	0.05	1.86	16
10550197	10550122	2.41	74 3-	1/0 ACSR 6/1	1949	1788	1475	180	507	21	9	0.05	1.90	15
10550186	10550197	2.46	14 1-	2 ACSR 6/1	0	0	1489	180	141	18	10	0.03	2.18	3
10550187	10550186	2.52	12 1-	2 ACSR 6/1	0	0	1459	180	138	17	10	0.03	2.20	3
10550141	10550187	2.56	12 1-	2 ACSR 6/1	0	0	1436	179	138	17	10	0.02	2.22	2
10550155	10550141	2.61	10 1-	2 ACSR 6/1	0	0	1413	179	119	15	8	0.02	2.24	2
10550158	10550155	2.65	7 1-	2 ACSR 6/1	0	0	1394	179	84	10	6	0.01	2.25	0
10550159	10550158	2.71	1 1-	2 ACSR 6/1	0	0	1367	178	2	0	0	0.00	2.25	0
10550160	10550158	2.70	5 1-	2 ACSR 6/1	0	0	1372	178	72	9	5	0.01	2.27	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10550121	10550120	2.82	1 1-	2 ACSR 6/1	0	0	1316	177	19	2	1	0.00	2.27	0
10550119	10550160	2.79	1 1-	2 ACSR 6/1	0	0	1332	178	22	2	2	0.00	2.27	0
10550161	10550160	2.75	2 1-	2 ACSR 6/1	0	0	1350	178	23	2	2	0.00	2.27	0
10550156	10550155	2.65	2 1-	2 ACSR 6/1	0	0	1393	179	22	2	2	0.00	2.25	0
10550157	10550156	2.73	1 1-	2 ACSR 6/1	0	0	1356	178	15	1	1	0.00	2.25	0
10550199	10550197	2.49	7 1-	2 ACSR 6/1	0	0	1475	180	35	4	2	0.01	2.15	0
10550183	10550199	2.53	2 1-	2 ACSR 6/1	0	0	1456	180	11	1	1	0.00	2.15	0
10550184	10550183	2.58	1 1-	2 ACSR 6/1	0	0	1427	179	6	0	0	0.00	2.15	0
10550185	10550199	2.59	3 1-	2 ACSR 6/1	0	0	1424	179	15	1	1	0.00	2.16	0
10550200	10550199	2.56	0 1-	2 ACSR 6/1	0	0	1437	179	0	0	0	0.00	2.15	0
10550198	10550197	2.52	51 3-	1/0 ACSR 6/1	2005	1843	1521	181	317	13	6	0.02	1.92	12
10650108	10550198	2.61	49 3-	1/0 ACSR 6/1	2074	1911	1578	181	311	13	6	0.01	1.94	9
10650107	10650108	2.65	46 3-	1/0 ACSR 6/1	2130	1966	1625	182	305	12	6	0.00	1.95	4
D10-65-P049	10650107	2.65	16 1-	FUS	0	0	1646	182	129	16	375	0.00	1.53	0
10650129	D10-65-P049	2.70	16 1-	2 ACSR 6/1	0	0	1615	181	129	16	9	0.02	1.55	2
10650130	10650129	2.75	15 1-	2 ACSR 6/1	0	0	1581	181	111	14	8	0.02	1.58	2
10650131	10650130	2.81	13 1-	2 ACSR 6/1	0	0	1549	181	94	11	7	0.02	1.59	1
10650095	10650131	2.84	11 1-	2 ACSR 6/1	0	0	1531	180	76	9	5	0.01	1.60	0
10650188	10650095	2.89	6 1-	2 ACSR 6/1	0	0	1505	180	50	6	4	0.01	1.61	0
10650189	10650188	2.92	4 1-	2 ACSR 6/1	0	0	1484	180	25	3	2	0.00	1.61	0
10650191	10650189	2.96	2 1-	2 ACSR 6/1	0	0	1463	179	13	1	1	0.00	1.61	0
10650190	10650189	2.95	1 1-	2 ACSR 6/1	0	0	1468	180	5	0	0	0.00	1.61	0
10650168	10650190	3.03	1 1-	15 KV 2 URD XLP	0	0	1433	423	5	0	0	0.00	1.61	0
10650106	10650095	2.90	5 1-	2 ACSR 6/1	0	0	1495	180	26	3	2	0.01	1.61	0
10650115	10650106	2.93	3 1-	2 ACSR 6/1	0	0	1480	180	16	2	1	0.00	1.61	0
10650105	10650106	2.97	1 1-	2 ACSR 6/1	0	0	1457	179	4	0	0	0.00	1.61	0
10650145	10650131	2.85	2 1-	2 ACSR 6/1	0	0	1524	180	18	2	1	0.00	1.60	0
10650187	10650145	2.88	1 1-	2 ACSR 6/1	0	0	1510	180	8	1	1	0.00	1.60	0
10650132	10650130	2.80	1 1-	2 ACSR 6/1	0	0	1550	181	10	1	1	0.00	1.58	0
10650141	10650107	2.70	28 3-	1/0 ACSR 6/1	2154	1990	1646	182	162	6	3	0.00	1.95	0
10650138	10650141	2.77	24 3-	1/0 ACSR 6/1	2185	2021	1673	182	132	5	2	0.00	1.96	0
10650139	10650138	2.82	2 1-	2 ACSR 6/1	0	0	1682	182	11	1	1	0.00	2.13	0
10650137	10650138	2.81	22 3-	1/0 ACSR 6/1	2234	2070	1714	182	121	5	2	0.00	1.96	0
10650136	10650137	2.87	3 1-	2 ACSR 6/1	0	0	1692	182	9	1	1	0.00	2.19	0
10650135	10650137	2.85	3 1-	2 ACSR 6/1	0	0	1709	182	12	1	1	0.00	1.56	0
10650200	10650135	3.01	1 1-	2 ACSR 6/1	0	0	1599	181	6	0	0	0.00	1.56	0
10650134	10650137	2.85	11 3-	1/0 ACSR 6/1	2260	2096	1737	183	70	2	1	0.00	1.96	0
10650133	10650134	2.88	10 3-	1/0 ACSR 6/1	2289	2125	1762	183	60	2	1	0.00	1.96	0
10650164	10650133	2.93	7 3-	1/0 ACSR 6/1	2310	2147	1780	183	49	2	1	0.00	1.96	0
10650166	10650164	2.98	1 3-	1/0 ACSR 6/1	2353	2190	1818	183	5	0	0	0.00	1.96	0
10650163	10650166	3.16	1 1-	2 ACSR 6/1	0	0	1712	182	5	0	0	0.00	1.57	0
10650091	10650166	2.99	0 3-	1/0 ACSR 6/1	2389	2226	1849	184	0	0	0	0.00	1.96	0
D10-65-P258	10650091	2.99	0 3-	REC-50-L	2397	2235	1857	184	0	0	0	0.00	1.96	0
10650094	D10-65-P258	3.06	0 3-	1/0 ACSR 6/1	2397	2235	1857	184	0	0	0	0.00	1.96	0
10650165	10650164	2.97	2 1-	2 ACSR 6/1	0	0	1788	183	16	2	1	0.00	2.19	0
10650167	10650164	2.98	2 1-	2 ACSR 6/1	0	0	1780	183	8	1	1	0.00	2.13	0
10650140	10650141	2.72	2 1-	2 ACSR 6/1	0	0	1655	182	20	2	1	0.00	1.54	0
10550196	10550198	2.63	1 1-	2 ACSR 6/1	0	0	1519	180	6	0	0	0.00	2.16	0
10550123	10550188	2.26	8 1-	2 ACSR 6/1	0	0	1401	179	30	3	2	0.01	2.14	0
10550124	10550123	2.34	2 1-	2 ACSR 6/1	0	0	1365	178	5	0	0	0.00	2.14	0
10550125	10550124	2.41	1 1-	2 ACSR 6/1	0	0	1335	178	5	0	0	0.00	2.14	0
10550143	10550123	2.35	4 1-	2 ACSR 6/1	0	0	1362	178	20	2	1	0.01	2.14	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
SUB 22	ROCKHOLD(22)	2213			5666	5746	5966	190	10795					
SUB 22	CKT 1													
	BK2201	ROCKHOLD(22)	0.00	579 3-	BK2201	5666	5746	5966	190	2976	126 68	0.00	0.00	0
	15340194	BK2201	0.07	579 3-	4/0 ACSR 6/1	5454	5506	5663	190	2976	126 37	0.02	0.08	186
	15340195	15340194	0.12	578 3-	4/0 ACSR 6/1	5301	5330	5349	190	2970	126 37	0.01	0.14	143
	15340090	15340195	0.14	1 1-	2 ACSR 6/1	0	0	5221	190	2	0 0	0.00	0.03	0
	15340080	15340195	0.15	577 3-	4/0 ACSR 6/1	5226	5244	5229	190	2966	126 37	0.01	0.17	72
	15340091	15340080	0.24	1 1-	2 ACSR 6/1	0	0	4778	189	4	0 0	0.00	0.16	0
	15340092	15340080	0.19	576 3-	4/0 ACSR 6/1	5101	5101	5032	190	2961	126 37	0.01	0.23	125
	15340093	15340092	0.31	574 3-	4/0 ACSR 6/1	4796	4753	4572	189	2952	125 37	0.03	0.37	327
	15340167	15340093	0.51	573 3-	4/0 ACSR 6/1	4363	4267	3971	189	2949	125 37	0.05	0.60	532
	15340172	15340167	0.54	554 3-	4/0 ACSR 6/1	4299	4197	3887	188	2893	123 36	0.01	0.64	83
	15340175	15340172	0.58	553 3-	4/0 ACSR 6/1	4219	4108	3782	188	2881	123 36	0.01	0.68	108
	15340177	15340175	0.64	551 3-	4/0 ACSR 6/1	4123	4003	3660	188	2876	123 36	0.01	0.74	134
	15340176	15340177	0.71	549 3-	4/0 ACSR 6/1	3996	3866	3503	188	2872	123 36	0.02	0.83	184
	15340108	15340176	0.72	548 3-	4/0 ACSR 6/1	3969	3836	3469	188	2849	122 36	0.00	0.84	41
	D15-34-P022	15340108	0.72	34 1-	REC-50-L	0	0	3469	188	149	18 38	0.00	0.80	0
	15340127	D15-34-P022	0.79	34 1-	2 ACSR 6/1	0	0	3299	187	149	18 11	0.04	0.83	4
	15340137	15340127	0.84	16 1-	2 ACSR 6/1	0	0	3182	187	91	11 6	0.02	0.85	1
	15340117	15340137	0.87	16 1-	2 ACSR 6/1	0	0	3110	187	91	11 6	0.01	0.86	0
	15340116	15340117	0.89	3 1-	2 ACSR 6/1	0	0	3068	186	26	3 2	0.00	0.86	0
	15340109	15340116	0.99	2 1-	2 ACSR 6/1	0	0	2873	186	19	2 1	0.00	0.87	0
	15340115	15340117	0.93	12 1-	2 ACSR 6/1	0	0	2992	186	60	7 4	0.01	0.87	0
	15340136	15340115	0.96	8 1-	2 ACSR 6/1	0	0	2923	186	46	5 3	0.00	0.88	0
	15340135	15340136	1.00	6 1-	2 ACSR 6/1	0	0	2842	186	34	4 2	0.00	0.88	0
	15340123	15340135	1.08	4 1-	2 ACSR 6/1	0	0	2695	185	26	3 2	0.01	0.89	0
	15340124	15340123	1.17	2 1-	2 ACSR 6/1	0	0	2553	184	12	1 1	0.00	0.89	0
	15340138	15340124	1.23	2 1-	2 ACSR 6/1	0	0	2463	184	12	1 1	0.00	0.89	0
	15340139	15340138	1.27	1 1-	2 ACSR 6/1	0	0	2393	184	8	1 1	0.00	0.89	0
	15340099	15340138	1.27	1 1-	2 ACSR 6/1	0	0	2398	184	3	0 0	0.00	0.89	0
	15340128	15340127	0.85	14 1-	2 ACSR 6/1	0	0	3167	187	52	6 4	0.01	0.85	0
	15340129	15340128	0.91	13 1-	2 ACSR 6/1	0	0	3034	186	51	6 4	0.01	0.86	0
	15340130	15340129	1.01	10 1-	2 ACSR 6/1	0	0	2834	186	38	4 3	0.01	0.87	0
	15340131	15340130	1.11	9 1-	2 ACSR 6/1	0	0	2654	185	36	4 3	0.01	0.88	0
	15340132	15340131	1.16	7 1-	2 ACSR 6/1	0	0	2573	184	16	2 1	0.00	0.88	0
	15340133	15340132	1.30	5 1-	2 ACSR 6/1	0	0	2359	183	8	0 1	0.00	0.88	0
	15340134	15340133	1.38	2 1-	2 ACSR 6/1	0	0	2249	183	2	0 0	0.00	0.88	0
	15340078	15340133	1.35	3 1-	2 ACSR 6/1	0	0	2283	183	6	0 0	0.00	0.89	0
	15340079	15340078	1.75	2 1-	2 ACSR 6/1	0	0	1851	180	2	0 0	0.00	0.89	0
	D15-24-P032	15340079	1.75	2 1-	FUS	0	0	1851	180	2	0 6	0.00	0.89	0
	15240021	D15-24-P032	2.63	2 1-	2 ACSR 6/1	0	0	1298	174	2	0 0	0.00	0.89	0
	15340122	15340078	1.50	1 1-	2 ACSR 6/1	0	0	2104	182	3	0 0	0.00	0.89	0
	15340126	15340108	0.78	512 3-	4/0 ACSR 6/1	3880	3741	3362	188	2693	115 34	0.02	0.90	121
	15340101	15340126	0.83	511 3-	4/0 ACSR 6/1	3794	3649	3260	187	2690	115 34	0.02	0.96	122
	15340106	15340101	0.94	510 3-	4/0 ACSR 6/1	3633	3477	3072	187	2687	115 34	0.04	1.08	244
	15340107	15340106	1.00	25 1-	2 ACSR 6/1	0	0	2957	187	116	14 8	0.02	2.02	2
	D15-34-P014	15340107	1.00	25 1-	REC-35-L	0	0	2957	187	116	14 42	0.00	2.02	0
	15340089	D15-34-P014	1.04	25 1-	2 ACSR 6/1	0	0	2867	186	116	14 8	0.02	2.04	2
	15340087	15340089	1.30	4 1-	2 ACSR 6/1	0	0	2448	184	12	1 1	0.01	2.05	0
	15340114	15340087	1.42	2 1-	2 ACSR 6/1	0	0	2281	183	9	1 1	0.00	2.06	0
	15340113	15340087	1.35	2 1-	2 ACSR 6/1	0	0	2374	184	3	0 0	0.00	2.06	0
	15340196	15340113	1.40	2 1-	2 ACSR 6/1	0	0	2312	184	3	0 0	0.00	2.06	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15340197	15340196	1.44	1 1-	2 ACSR 6/1	0	0	2249	183	3	0	0	0.00	2.06	0
15340105	15340089	1.12	21 1-	2 ACSR 6/1	0	0	2730	186	103	13	7	0.03	2.07	2
15340104	15340105	1.31	20 1-	2 ACSR 6/1	0	0	2435	184	99	12	7	0.07	2.14	5
15340110	15340104	1.35	2 1-	2 ACSR 6/1	0	0	2380	184	13	1	1	0.00	2.14	0
15340111	15340104	1.44	18 1-	2 ACSR 6/1	0	0	2252	183	87	11	6	0.04	2.18	3
15340140	15340111	1.50	11 1-	2 ACSR 6/1	0	0	2177	183	49	6	3	0.01	2.19	0
15340141	15340140	1.52	10 1-	2 ACSR 6/1	0	0	2153	183	41	5	3	0.00	2.20	0
15340146	15340141	1.56	10 1-	2 ACSR 6/1	0	0	2118	182	41	5	3	0.00	2.20	0
15340147	15340146	1.61	7 1-	2 ACSR 6/1	0	0	2062	182	38	4	3	0.01	2.21	0
15340143	15340147	1.62	5 1-	2 ACSR 6/1	0	0	2042	182	30	3	2	0.00	2.21	0
15340144	15340143	1.66	3 1-	2 ACSR 6/1	0	0	2011	182	16	2	1	0.00	2.21	0
15340145	15340144	1.69	2 1-	2 ACSR 6/1	0	0	1978	181	15	1	1	0.00	2.21	0
15340155	15340145	1.74	1 1-	2 ACSR 6/1	0	0	1931	181	6	0	0	0.00	2.21	0
15340142	15340147	1.68	1 1-	2 ACSR 6/1	0	0	1983	181	5	0	0	0.00	2.21	0
15340156	15340142	1.70	1 1-	2 ACSR 6/1	0	0	1962	181	5	0	0	0.00	2.21	0
15340178	15340111	1.56	6 1-	2 ACSR 6/1	0	0	2115	182	36	4	3	0.01	2.20	0
15340173	15340178	1.60	3 1-	2 ACSR 6/1	0	0	2072	182	19	2	1	0.00	2.20	0
15340112	15340111	1.46	1 1-	2 ACSR 6/1	0	0	2228	183	1	0	0	0.00	2.18	0
15340189	15340106	1.04	481 3-	4/0 ACSR 6/1	3504	3342	2927	187	2561	110	32	0.03	1.17	186
15340102	15340189	1.12	476 3-	4/0 ACSR 6/1	3398	3231	2811	187	2546	109	32	0.03	1.26	161
15340077	15340102	1.18	476 3-	4/0 ACSR 6/1	3326	3157	2733	186	2545	109	32	0.02	1.32	116
15340198	15340077	1.21	1 1-	2 ACSR 6/1	0	0	2675	186	3	0	0	0.00	0.33	0
15340199	15340198	1.26	1 1-	2 ACSR 6/1	0	0	2599	186	3	0	0	0.00	0.33	0
20850985	15340077	1.40	475 3-	4/0 ACSR 6/1	3073	2897	2468	186	2540	109	32	0.07	1.55	447
20850941	20850985	1.51	473 3-	4/0 ACSR 6/1	2962	2784	2355	185	2531	109	32	0.03	1.66	219
20850942	20850941	1.57	472 3-	4/0 ACSR 6/1	2911	2732	2304	185	2519	108	32	0.02	1.71	106
D15-24-P028	20850942	1.57	4 1-	FUS-30	0	0	2304	185	34	4	16	0.00	1.57	0
15240027	D15-24-P028	1.62	4 1-	2 ACSR 6/1	0	0	2239	185	34	4	2	0.01	1.58	0
20851079	15240027	1.71	3 1-	2 ACSR 6/1	0	0	2141	184	26	3	2	0.01	1.59	0
20851485	20851079	1.76	2 1-	2 ACSR 6/1	0	0	2091	184	16	2	1	0.00	1.59	0
20851345	20851485	1.77	1 1-	2 ACSR 6/1	0	0	2073	183	11	1	1	0.00	1.59	0
20851499	20850942	1.62	468 3-	4/0 ACSR 6/1	2868	2688	2261	185	2484	107	32	0.02	1.76	89
20851500	20851499	1.64	467 3-	4/0 ACSR 6/1	2845	2666	2239	185	2478	107	32	0.01	1.78	46
20851346	20851500	1.66	466 3-	4/0 ACSR 6/1	2825	2645	2219	185	2471	106	31	0.01	1.81	43
20851481	20851346	1.72	465 3-	4/0 ACSR 6/1	2778	2599	2173	185	2463	106	31	0.02	1.86	100
20851497	20851481	1.77	12 3-	4/0 ACSR 6/1	2734	2555	2131	184	53	2	1	0.00	1.86	0
20851506	20851497	1.83	6 1-	2 ACSR 6/1	0	0	2074	184	25	3	2	0.01	3.38	0
20851484	20851506	1.86	3 1-	2 ACSR 6/1	0	0	2039	184	9	1	1	0.00	3.38	0
20851038	20851484	1.89	2 1-	2 ACSR 6/1	0	0	2013	183	7	0	0	0.00	3.38	0
20851039	20851038	1.92	1 1-	2 ACSR 6/1	0	0	1986	183	5	0	0	0.00	3.38	0
20851482	20851506	1.86	3 1-	2 ACSR 6/1	0	0	2039	184	16	2	1	0.00	3.38	0
20851483	20851482	1.95	2 1-	2 ACSR 6/1	0	0	1957	183	10	1	1	0.00	3.39	0
20851498	20851497	1.84	4 3-	4/0 ACSR 6/1	2678	2499	2077	184	17	0	0	0.00	1.86	0
20851510	20851481	1.78	452 3-	4/0 ACSR 6/1	2725	2545	2122	184	2402	103	31	0.02	1.92	111
20851511	20851510	1.82	449 3-	4/0 ACSR 6/1	2698	2519	2096	184	2385	103	30	0.01	1.95	57
20851480	20851511	1.85	447 3-	4/0 ACSR 6/1	2674	2495	2073	184	2370	102	30	0.01	1.98	51
20851686	20851480	1.94	441 3-	4/0 ACSR 6/1	2601	2423	2005	184	2336	101	30	0.02	2.07	156
20851685	20851686	2.01	440 3-	4/0 ACSR 6/1	2554	2375	1960	184	2330	100	30	0.02	2.13	107
15240016	20851685	2.07	439 3-	4/0 ACSR 6/1	2506	2328	1916	183	2329	100	30	0.02	2.19	111
15240015	15240016	2.23	429 3-	4/0 ACSR 6/1	2404	2228	1823	183	2266	98	29	0.02	2.33	247
20851096	15240015	2.25	1 1-	2 ACSR 6/1	0	0	1804	183	5	0	0	0.00	0.62	0
15240022	15240015	2.34	428 3-	4/0 ACSR 6/1	2333	2159	1759	182	2259	98	29	0.02	2.43	184

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LROP DROP	TOTAL DROP	LINE LOSS
15140056	15240022	2.44	427 3-	4/0 ACSR 6/1	2273	2100	1705	182	2252	97	29	0.02	2.53	164
15140060	15140056	2.48	3 1-	2 ACSR 6/1	0	0	1677	182	8	0	1	0.00	2.43	0
15140059	15140056	2.47	422 3-	4/0 ACSR 6/1	2257	2084	1690	182	2239	97	29	0.00	2.55	45
15140057	15140059	2.52	1 1-	2 ACSR 6/1	0	0	1658	182	2	0	0	0.00	0.65	0
15140018	15140059	2.53	421 3-	4/0 ACSR 6/1	2224	2053	1662	182	2236	97	29	0.01	2.60	93
15140062	15140018	2.57	417 3-	4/0 ACSR 6/1	2204	2032	1643	182	2222	96	28	0.01	2.64	60
15140054	15140062	2.63	1 1-	2 ACSR 6/1	0	0	1606	181	10	1	1	0.00	0.67	0
15140053	15140062	2.66	415 3-	4/0 ACSR 6/1	2157	1988	1603	181	2205	96	28	0.01	2.71	136
15140058	15140053	2.67	13 3-	4/0 ACSR 6/1	2149	1979	1596	181	253	11	3	0.00	2.72	0
15140050	15140058	2.74	11 3-	4/0 ACSR 6/1	2115	1946	1566	181	251	11	3	0.01	2.72	1
15140051	15140050	2.79	2 1-	2 ACSR 6/1	0	0	1538	181	16	2	1	0.00	2.65	0
15140076	15140051	2.82	1 1-	2 ACSR 6/1	0	0	1522	181	12	1	1	0.00	2.65	0
15140019	15140050	2.78	9 3-	4/0 ACSR 6/1	2094	1927	1548	181	235	10	3	0.01	2.73	0
15140067	15140019	2.81	2 3-	15 KV 2 URD XLP	2082	1914	1539	435	201	9	6	0.01	2.74	1
15140520	15140067	2.81	2 3-	Consumer	2082	1914	1539	435	201	9	0	0.00	2.74	0
15140020	15140019	2.82	7 1-	2 ACSR 6/1	0	0	1526	181	34	4	2	0.00	0.70	0
D15-14-P073	15140020	2.82	7 1-	REC-70-L	0	0	1526	181	34	4	6	0.00	0.70	0
15140032	D15-14-P073	2.85	7 1-	2 ACSR 6/1	0	0	1509	180	34	4	2	0.00	0.71	0
15140033	15140032	2.91	6 1-	2 ACSR 6/1	0	0	1477	180	31	3	2	0.01	0.71	0
15140039	15140033	3.02	1 1-	2 ACSR 6/1	0	0	1423	179	9	1	1	0.00	0.72	0
15140034	15140033	3.17	5 1-	2 ACSR 6/1	0	0	1350	178	22	2	2	0.02	0.73	0
15140035	15140034	3.27	3 1-	2 ACSR 6/1	0	0	1307	177	14	1	1	0.00	0.74	0
15140037	15140035	3.32	2 1-	2 ACSR 6/1	0	0	1287	177	6	0	0	0.00	0.74	0
15140038	15140037	3.38	1 1-	2 ACSR 6/1	0	0	1262	177	5	0	0	0.00	0.74	0
15140052	15140053	2.72	2 1-	2 ACSR 6/1	0	0	1563	181	4	0	0	0.00	0.68	0
15140040	15140053	2.73	400 3-	4/0 ACSR 6/1	2119	1951	1570	181	1947	84	25	0.00	2.77	96
15140063	15140040	2.80	123 3-	4/0 ACSR 6/1	2087	1919	1542	181	593	25	8	0.00	2.78	13
15140064	15140063	2.85	121 3-	4/0 ACSR 6/1	2062	1895	1520	181	585	25	8	0.00	2.80	10
15140061	15140064	2.93	119 3-	4/0 ACSR 6/1	2023	1858	1487	181	581	25	7	0.00	2.81	16
15140065	15140061	3.02	118 3-	4/0 ACSR 6/1	1986	1823	1456	180	579	25	7	0.00	2.83	16
15140066	15140065	3.07	117 3-	4/0 ACSR 6/1	1961	1799	1435	180	565	24	7	0.00	2.84	10
15140068	15140066	3.16	116 3-	4/0 ACSR 6/1	1925	1764	1405	180	561	24	7	0.00	2.86	15
15140069	15140068	3.54	112 3-	4/0 ACSR 6/1	1779	1625	1283	178	545	23	7	0.00	2.94	63
15030046	15140069	3.69	110 3-	4/0 ACSR 6/1	1728	1577	1242	178	539	23	7	0.00	2.97	23
15130019	15030046	3.73	1 1-	2 ACSR 6/1	0	0	1226	178	1	0	0	0.00	2.62	0
15130018	15030046	3.73	1 1-	2 ACSR 6/1	0	0	1225	178	1	1	1	0.00	2.62	0
15130017	15030046	3.92	108 3-	4/0 ACSR 6/1	1654	1507	1182	177	527	23	7	0.00	3.02	37
15030030	15130017	4.16	108 3-	4/0 ACSR 6/1	1583	1440	1125	176	527	23	7	0.00	3.06	38
D15-03-P012	15030030	4.16	6 1-	FUS-70	0	0	1125	176	34	4	7	0.00	5.93	0
15030039	D15-03-P012	4.34	6 1-	2 ACSR 6/1	0	0	1073	175	34	4	2	0.02	5.95	0
15030041	15030039	4.38	3 1-	2 ACSR 6/1	0	0	1062	175	16	2	1	0.00	5.95	0
15030043	15030041	4.57	2 1-	2 ACSR 6/1	0	0	1012	173	13	1	1	0.01	5.96	0
15030044	15030043	4.59	0 1-	2 ACSR 6/1	0	0	1007	173	0	0	0	0.00	5.96	0
15030045	15030044	4.81	0 1-	2 ACSR 6/1	0	0	953	172	0	0	0	0.00	5.96	0
15030052	15030043	4.63	1 1-	2 ACSR 6/1	0	0	998	173	9	1	1	0.00	5.96	0
15030040	15030039	4.37	2 1-	2 ACSR 6/1	0	0	1065	175	11	1	1	0.00	5.95	0
15030038	15030030	4.40	80 3-	4/0 ACSR 6/1	1520	1381	1075	176	405	17	5	0.02	3.10	27
9930026	15030038	4.46	10 1-	2 ACSR 6/1	0	0	1058	175	61	7	4	0.01	2.56	0
9930027	9930026	4.50	8 1-	2 ACSR 6/1	0	0	1049	175	49	6	4	0.01	2.56	0
9930028	9930027	4.55	3 1-	2 ACSR 6/1	0	0	1034	174	14	1	1	0.00	2.56	0
9930019	9930027	4.55	5 1-	2 ACSR 6/1	0	0	1033	174	35	4	3	0.01	2.57	0
9930038	9930019	4.59	4 1-	2 ACSR 6/1	0	0	1023	174	27	3	2	0.00	2.57	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9930039	9930038	4.68	2 1-	2 ACSR 6/1	0	0	1001	174	9	1	1	0.00	2.57	0
9930030	9930019	4.61	1 1-	2 ACSR 6/1	0	0	1019	174	8	0	1	0.00	2.57	0
9930029	9930019	4.62	0 1-	2 ACSR 6/1	0	0	1015	174	0	0	0	0.00	2.57	0
9930020	15030038	4.49	70 3-	4/0 ACSR 6/1	1496	1358	1057	175	344	15	4	0.01	3.11	11
9930033	9930020	4.53	1 1-	2 ACSR 6/1	0	0	1045	175	4	0	0	0.00	0.71	0
9930034	9930020	4.55	69 3-	4/0 ACSR 6/1	1481	1344	1045	175	339	14	4	0.01	3.12	7
9930036	9930034	4.64	66 3-	4/0 ACSR 6/1	1460	1325	1029	175	332	14	4	0.01	3.13	9
9930037	9930036	4.71	63 3-	4/0 ACSR 6/1	1443	1308	1015	175	307	13	4	0.01	3.14	7
9930021	9930037	4.82	62 3-	4/0 ACSR 6/1	1417	1285	995	174	303	13	4	0.01	3.15	11
9830052	9930021	4.97	6 3-	4/0 ACSR 6/1	1384	1254	970	174	42	1	1	0.00	3.15	0
9830101	9830052	5.06	5 3-	4/0 ACSR 6/1	1365	1236	955	173	37	1	0	0.00	3.15	0
9830103	9830101	5.19	1 1-	2 ACSR 6/1	0	0	928	172	7	0	0	0.00	2.43	0
9830102	9830101	5.62	0 3-	4/0 ACSR 6/1	1257	1136	873	172	0	0	0	0.00	3.15	0
09-83-P010-B	9830102	5.62	0 3-	Open	1257	1136	873	172	0	0	0	0.00	3.15	0
9830087	9830101	5.10	3 1-	2 ACSR 6/1	0	0	947	173	21	2	2	0.00	6.29	0
9830113	9830087	5.16	2 1-	2 ACSR 6/1	0	0	934	173	18	2	1	0.00	6.29	0
9830114	9830113	5.25	1 1-	15 KV 2 URD XLP	0	0	922	378	10	1	1	0.00	6.29	0
9830086	9830052	5.01	1 1-	2 ACSR 6/1	0	0	961	173	5	0	0	0.00	0.75	0
9830050	9930021	4.92	56 1-	2 ACSR 6/1	0	0	974	174	261	34	19	0.09	6.37	20
D09-83-P023	9830050	4.92	56 1-	RBC-70-L	0	0	974	174	261	34	50	0.00	6.37	0
9830082	D09-83-P023	5.00	56 1-	2 ACSR 6/1	0	0	954	173	261	34	19	0.08	6.45	18
9830083	9830082	5.08	53 1-	2 ACSR 6/1	0	0	936	172	238	31	18	0.07	6.53	14
9830085	9830083	5.15	42 1-	2 ACSR 6/1	0	0	921	172	175	23	13	0.05	6.57	7
9830051	9830085	5.24	0 1-	2 ACSR 6/1	0	0	903	171	0	0	0	0.00	6.57	0
9830073	9830085	5.23	42 1-	2 ACSR 6/1	0	0	906	171	175	23	13	0.05	6.62	7
9830088	9830073	5.26	41 1-	2 ACSR 6/1	0	0	898	171	170	22	13	0.02	6.65	3
9930025	9830088	5.29	39 1-	2 ACSR 6/1	0	0	892	171	164	21	12	0.02	6.66	2
9930023	9930025	5.34	32 1-	2 ACSR 6/1	0	0	883	170	147	19	11	0.03	6.69	3
9930024	9930023	5.39	31 1-	2 ACSR 6/1	0	0	874	170	135	18	10	0.02	6.71	3
9830065	9930024	5.42	30 1-	2 ACSR 6/1	0	0	868	170	133	17	10	0.02	6.73	2
9830111	9830065	5.45	1 1-	2 ACSR 6/1	0	0	863	170	4	0	0	0.00	6.73	0
9830066	9830065	5.52	28 1-	2 ACSR 6/1	0	0	850	169	125	16	9	0.05	6.78	5
9840101	9830066	5.64	1 1-	2 ACSR 6/1	0	0	827	168	12	1	1	0.00	6.78	0
9840098	9830066	5.54	27 1-	2 ACSR 6/1	0	0	845	169	113	15	8	0.01	6.79	0
9840099	9840098	5.70	26 1-	2 ACSR 6/1	0	0	817	168	112	14	8	0.07	6.85	6
9840059	9840099	5.77	21 1-	2 ACSR 6/1	0	0	806	167	96	12	7	0.02	6.88	2
9840060	9840059	5.87	17 1-	2 ACSR 6/1	0	0	790	167	72	9	5	0.03	6.90	2
9840104	9840060	5.95	16 1-	2 ACSR 6/1	0	0	776	166	71	9	5	0.02	6.93	1
09-84-P022-B	9840104	5.95	16 1-	Closed	0	0	776	166	71	9	0	0.00	6.93	0
09-84-P022-A	09-84-P022-B	5.95	16 1-	Closed	0	0	776	166	71	9	0	0.00	6.93	0
9840105	09-84-P022-A	5.96	16 1-	2 ACSR 6/1	0	0	775	166	71	9	5	0.00	6.93	0
9840064	9840105	6.11	1 1-	2 ACSR 6/1	0	0	753	165	5	0	0	0.00	6.93	0
9840063	9840105	6.01	13 1-	2 ACSR 6/1	0	0	768	166	54	7	4	0.01	6.94	0
9840097	9840063	6.05	6 1-	2 ACSR 6/1	0	0	762	166	20	2	1	0.00	6.94	0
9840096	9840097	6.10	5 1-	2 ACSR 6/1	0	0	755	165	20	2	1	0.00	6.95	0
9840093	9840096	6.14	2 1-	2 ACSR 6/1	0	0	748	165	7	0	1	0.00	6.95	0
9840094	9840093	6.18	1 1-	2 ACSR 6/1	0	0	742	165	6	0	0	0.00	6.95	0
9840090	9840094	6.19	0 1-	2 ACSR 6/1	0	0	741	165	0	0	0	0.00	6.95	0
09-84-P009-A	9840090	6.19	0 1-	Open	0	0	741	165	0	0	0	0.00	6.95	0
9840095	9840097	6.15	0 1-	2 ACSR 6/1	0	0	747	165	0	0	0	0.00	6.94	0
9840100	9840063	6.04	7 1-	2 ACSR 6/1	0	0	763	166	34	4	2	0.00	6.94	0
9840091	9840100	6.08	3 1-	2 ACSR 6/1	0	0	757	165	14	1	1	0.00	6.95	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9840092	9840091	6.13	2 1-	2 ACSR 6/1	0	0	750	165	6	0	0	0.00	6.95	0
9840089	9840092	6.19	1 1-	2 ACSR 6/1	0	0	741	165	1	0	0	0.00	6.95	0
9840065	9840100	6.07	4 1-	2 ACSR 6/1	0	0	758	165	20	2	1	0.00	6.95	0
9840066	9840065	6.10	3 1-	2 ACSR 6/1	0	0	754	165	9	1	1	0.00	6.95	0
9840067	9840066	6.14	3 1-	2 ACSR 6/1	0	0	748	165	9	1	1	0.00	6.95	0
9840068	9840067	6.20	2 1-	2 ACSR 6/1	0	0	740	165	3	0	0	0.00	6.95	0
9840069	9840068	6.23	2 1-	2 ACSR 6/1	0	0	736	164	3	0	0	0.00	6.95	0
9840088	9840069	6.26	1 1-	2 ACSR 6/1	0	0	732	164	1	0	0	0.00	6.95	0
9840061	9840060	5.90	1 1-	2 ACSR 6/1	0	0	785	167	1	0	0	0.00	6.90	0
9840062	9840061	5.97	0 1-	2 ACSR 6/1	0	0	774	166	0	0	0	0.00	6.90	0
9840058	9840099	5.74	1 1-	2 ACSR 6/1	0	0	811	168	3	0	0	0.00	6.86	0
9840057	9840099	5.75	1 1-	2 ACSR 6/1	0	0	808	168	1	0	0	0.00	6.86	0
9840056	9840099	5.78	2 1-	2 ACSR 6/1	0	0	805	167	9	1	1	0.00	6.86	0
9930022	9930025	5.37	1 1-	2 ACSR 6/1	0	0	877	170	2	0	0	0.00	6.66	0
9830084	9830083	5.12	9 1-	2 ACSR 6/1	0	0	928	172	52	6	4	0.01	6.53	0
9830078	9830084	5.21	1 1-	2 ACSR 6/1	0	0	909	171	9	1	1	0.00	6.53	0
9830071	9830084	5.16	8 1-	2 ACSR 6/1	0	0	920	172	43	5	3	0.01	6.54	0
9830072	9830071	5.25	5 1-	2 ACSR 6/1	0	0	900	171	33	4	2	0.01	6.55	0
9830076	9830072	5.33	3 1-	2 ACSR 6/1	0	0	884	171	22	2	2	0.01	6.55	0
9830077	9830076	5.36	2 1-	2 ACSR 6/1	0	0	878	170	13	1	1	0.00	6.56	0
9830074	9830077	5.44	1 1-	2 ACSR 6/1	0	0	863	170	6	0	0	0.00	6.56	0
9830081	9830082	5.04	2 1-	2 ACSR 6/1	0	0	944	173	15	1	1	0.00	6.46	0
9830080	9830081	5.07	1 1-	2 ACSR 6/1	0	0	938	172	7	0	1	0.00	6.46	0
9830079	9830080	5.13	0 1-	2 ACSR 6/1	0	0	926	172	0	0	0	0.00	6.46	0
9930035	9930034	4.62	3 1-	2 ACSR 6/1	0	0	1027	175	7	0	0	0.00	2.50	0
15030037	15030030	4.20	21 1-	REC-6/1	0	0	1114	176	85	10	6	0.01	2.60	0
D15-03-P015	15030037	4.20	20 1-	REC-35-L	0	0	1114	176	84	10	31	0.00	2.60	0
15030042	D15-03-P015	4.25	20 1-	2 ACSR 6/1	0	0	1101	176	84	10	6	0.01	2.61	0
15030031	15030042	4.28	19 1-	2 ACSR 6/1	0	0	1090	176	82	10	6	0.01	2.62	0
15030032	15030031	4.34	16 1-	2 ACSR 6/1	0	0	1074	175	66	8	5	0.01	2.63	0
15030036	15030032	4.40	2 1-	2 ACSR 6/1	0	0	1056	175	5	0	0	0.00	2.64	0
15030022	15030036	4.45	1 1-	2 ACSR 6/1	0	0	1043	174	2	0	0	0.00	2.64	0
15030034	15030032	4.39	5 1-	2 ACSR 6/1	0	0	1058	175	27	3	2	0.01	2.64	0
15030035	15030034	4.41	4 1-	2 ACSR 6/1	0	0	1054	175	26	3	2	0.00	2.64	0
9930040	15030035	4.45	3 1-	2 ACSR 6/1	0	0	1042	174	15	1	1	0.00	2.64	0
9930032	9930040	4.51	1 1-	2 ACSR 6/1	0	0	1028	174	7	0	1	0.00	2.64	0
9930031	9930040	4.51	1 1-	2 ACSR 6/1	0	0	1028	174	3	0	0	0.00	2.64	0
15030033	15030032	4.40	6 1-	2 ACSR 6/1	0	0	1058	175	28	3	2	0.01	2.64	0
15030024	15030033	4.41	3 1-	2 ACSR 6/1	0	0	1053	175	9	1	1	0.00	2.64	0
15030023	15030033	4.43	3 1-	2 ACSR 6/1	0	0	1047	174	20	2	1	0.00	2.64	0
15030050	15030023	4.46	2 1-	2 ACSR 6/1	0	0	1041	174	13	1	1	0.00	2.64	0
15030051	15030050	4.50	1 1-	2 ACSR 6/1	0	0	1030	174	5	0	0	0.00	2.65	0
15030025	15030023	4.52	1 1-	2 ACSR 6/1	0	0	1024	174	7	0	0	0.00	2.65	0
15030026	15030031	4.35	3 1-	2 ACSR 6/1	0	0	1072	175	15	1	1	0.00	2.62	0
15030027	15030037	4.25	1 1-	2 ACSR 6/1	0	0	1098	176	1	0	0	0.00	2.60	0
15030028	15140069	3.65	2 1-	2 ACSR 6/1	0	0	1243	178	6	0	0	0.00	5.51	0
15030029	15030028	3.72	1 1-	2 ACSR 6/1	0	0	1214	177	5	0	0	0.00	5.51	0
15140041	15140040	2.79	1 1-	2 ACSR 6/1	0	0	1533	181	1	0	0	0.00	4.93	0
15140036	15140040	2.79	275 3-	1/0 ACSR 6/1	2085	1917	1542	181	1348	58	25	0.01	2.82	65
D15-14-P034	15140036	2.79	275 3-	REC-70-L	2085	1917	1542	181	1347	58	83	0.00	2.82	0
15140043	D15-14-P034	2.81	275 3-	1/0 ACSR 6/1	2071	1904	1532	181	1347	58	25	0.00	2.84	25
15140045	15140043	2.97	272 3-	1/0 ACSR 6/1	1978	1812	1458	180	1331	57	25	0.03	2.99	182

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15140047	15140045	3.09	271 3-	1/0 ACSR 6/1	1910	1745	1405	179	1320	57	25	0.02	3.10	144
15140048	15140047	3.20	270 3-	1/0 ACSR 6/1	1858	1695	1365	179	1312	56	25	0.02	3.20	113
15140024	15140048	3.26	268 3-	1/0 ACSR 6/1	1828	1666	1341	178	1297	56	25	0.01	3.25	67
15140025	15140024	3.30	268 3-	1/0 ACSR 6/1	1808	1647	1326	178	1297	56	25	0.01	3.29	46
15140026	15140025	3.35	2 1-	2 ACSR 6/1	0	0	1305	178	5	0	0	0.00	3.57	0
15140077	15140026	3.41	1 1-	2 ACSR 6/1	0	0	1280	177	1	0	0	0.00	3.57	0
15140078	15140077	3.58	0 1-	2 ACSR 6/1	0	0	1212	176	0	0	0	0.00	3.57	0
15140028	15140025	3.35	266 3-	1/0 ACSR 6/1	1782	1622	1306	178	1291	56	24	0.01	3.34	59
15140029	15140028	3.41	6 1-	2 ACSR 6/1	0	0	1283	178	35	4	3	0.01	3.66	0
15140030	15140029	3.46	4 1-	2 ACSR 6/1	0	0	1264	177	29	3	2	0.00	3.67	0
15140081	15140030	3.49	1 1-	2 ACSR 6/1	0	0	1252	177	8	1	1	0.00	3.67	0
15140031	15140030	3.52	1 1-	2 ACSR 6/1	0	0	1238	177	12	1	1	0.00	3.67	0
15140021	15140031	3.59	1 1-	2 ACSR 6/1	0	0	1213	176	12	1	1	0.00	3.67	0
15140017	15140031	3.83	0 1-	2 ACSR 6/1	0	0	1130	174	0	0	0	0.00	3.67	0
15140027	15140028	3.41	259 3-	1/0 ACSR 6/1	1756	1597	1286	178	1253	54	24	0.01	3.39	57
15140023	15140027	3.48	259 3-	1/0 ACSR 6/1	1726	1568	1263	177	1253	54	24	0.01	3.45	69
15040009	15140023	3.56	255 3-	1/0 ACSR 6/1	1690	1534	1236	177	1242	54	24	0.01	3.52	84
15040010	15040009	3.66	252 3-	1/0 ACSR 6/1	1651	1496	1206	176	1226	53	23	0.02	3.60	94
15040008	15040010	3.67	0 1-	2 ACSR 6/1	0	0	1201	176	0	0	0	0.00	4.09	0
15040006	15040010	3.69	2 1-	2 ACSR 6/1	0	0	1195	176	17	2	1	0.00	5.87	0
15040007	15040006	3.76	1 1-	2 ACSR 6/1	0	0	1171	176	8	1	1	0.00	5.87	0
15040005	15040010	4.26	250 3-	1/0 ACSR 6/1	1440	1296	1047	173	1209	52	23	0.10	4.10	576
9940012	15040005	4.33	250 3-	1/0 ACSR 6/1	1417	1275	1030	173	1204	52	23	0.01	4.16	71
9940011	9940012	4.37	248 3-	1/0 ACSR 6/1	1404	1263	1021	173	1186	51	23	0.01	4.20	41
9940016	9940011	4.48	247 3-	1/0 ACSR 6/1	1375	1235	999	172	1177	51	22	0.02	4.28	94
9940015	9940016	4.55	2 1-	2 ACSR 6/1	0	0	980	172	8	1	1	0.00	6.61	0
9940014	9940016	4.55	243 3-	1/0 ACSR 6/1	1355	1216	983	172	1161	50	22	0.01	4.34	67
9940010	9940014	4.60	239 3-	1/0 ACSR 6/1	1341	1203	974	172	1138	49	22	0.01	4.38	44
9940009	9940010	4.64	0 1-	2 ACSR 6/1	0	0	964	171	0	0	0	0.00	5.45	0
D09-94-P018	9940009	4.64	0 1-	FUS-40	0	0	964	171	0	0	0	0.00	5.45	0
9940017	D09-94-P018	5.09	0 1-	2 ACSR 6/1	0	0	868	168	0	0	0	0.00	5.45	0
9940008	9940010	4.83	239 3-	1/0 ACSR 6/1	1281	1147	929	171	1138	49	22	0.03	4.56	207
9950056	9940008	4.91	1 1-	2 ACSR 6/1	0	0	913	170	3	0	0	0.00	6.88	0
9950036	9940008	4.90	237 3-	1/0 ACSR 6/1	1263	1130	916	170	1130	49	22	0.01	4.62	66
9950044	9950036	4.95	4 1-	2 ACSR 6/1	0	0	907	170	20	2	1	0.00	1.04	0
9950045	9950044	4.98	3 1-	2 ACSR 6/1	0	0	901	170	15	1	1	0.00	1.04	0
9950046	9950045	5.07	3 1-	2 ACSR 6/1	0	0	882	169	15	1	1	0.00	1.04	0
9950047	9950046	5.14	2 1-	2 ACSR 6/1	0	0	869	169	11	1	1	0.00	1.04	0
9950035	9950036	5.01	233 3-	1/0 ACSR 6/1	1239	1108	898	170	1109	48	21	0.01	4.70	88
9950040	9950035	5.07	7 1-	2 ACSR 6/1	0	0	885	169	17	2	1	0.00	6.05	0
9950042	9950040	5.13	3 1-	2 ACSR 6/1	0	0	873	169	13	1	1	0.00	6.05	0
9950043	9950042	5.15	2 1-	2 ACSR 6/1	0	0	869	169	5	0	0	0.00	6.05	0
9950041	9950040	5.13	2 1-	2 ACSR 6/1	0	0	873	169	3	0	0	0.00	6.05	0
9950039	9950035	5.09	1 1-	2 ACSR 6/1	0	0	881	169	5	0	0	0.00	1.04	0
9950055	9950035	5.08	225 3-	1/0 ACSR 6/1	1223	1093	886	169	1087	47	21	0.01	4.76	60
9950054	9950055	5.15	223 3-	1/0 ACSR 6/1	1207	1079	875	169	1081	47	21	0.01	4.81	57
9950052	9950054	5.19	2 1-	2 ACSR 6/1	0	0	865	169	16	2	1	0.00	1.06	0
9950051	9950054	5.23	219 3-	1/0 ACSR 6/1	1189	1062	861	169	1058	46	20	0.00	4.87	67
9950053	9950051	5.28	3 1-	2 ACSR 6/1	0	0	851	168	20	2	1	0.00	1.06	0
9950034	9950051	5.36	216 3-	1/0 ACSR 6/1	1162	1037	841	168	1038	45	20	0.00	4.96	106
9950065	9950034	5.50	215 3-	1/0 ACSR 6/1	1134	1011	821	167	1036	45	20	0.00	5.06	114
9950064	9950065	5.55	16 1-	2 ACSR 6/1	0	0	811	167	60	8	4	0.01	7.40	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9950048	9950064	5.68	15 1-	2 ACSR 6/1	0	0	790	166	53	7	4	0.03	7.43	1
9950037	9950048	5.81	14 1-	2 ACSR 6/1	0	0	770	165	49	6	4	0.02	7.45	0
9850018	9950037	5.95	13 1-	2 ACSR 6/1	0	0	749	164	46	6	3	0.03	7.48	0
9850025	9850018	6.07	10 1-	2 ACSR 6/1	0	0	731	163	30	4	2	0.01	7.49	0
9850030	9850025	6.19	3 1-	2 ACSR 6/1	0	0	716	163	12	1	1	0.01	7.49	0
9950070	9850030	6.24	2 1-	2 ACSR 6/1	0	0	709	162	7	0	1	0.00	7.49	0
9950069	9850030	6.25	1 1-	2 ACSR 6/1	0	0	708	162	5	0	0	0.00	7.49	0
9850026	9850018	6.04	3 1-	2 ACSR 6/1	0	0	737	164	16	2	1	0.00	7.48	0
9850019	9850026	6.09	2 1-	2 ACSR 6/1	0	0	729	163	12	1	1	0.00	7.48	0
9850020	9850019	6.10	1 1-	2 ACSR 6/1	0	0	728	163	7	0	1	0.00	7.48	0
9850021	9950037	5.92	1 1-	2 ACSR 6/1	0	0	754	164	3	0	0	0.00	7.45	0
9850022	9850021	5.96	0 1-	2 ACSR 6/1	0	0	748	164	0	0	0	0.00	7.45	0
9850016	9850022	6.18	0 1-	2 ACSR 6/1	0	0	717	163	0	0	0	0.00	7.45	0
9850023	9850016	6.29	0 1-	2 ACSR 6/1	0	0	703	162	0	0	0	0.00	7.45	0
9850017	9850016	6.29	0 1-	2 ACSR 6/1	0	0	703	162	0	0	0	0.00	7.45	0
9850015	9850022	6.00	0 1-	2 ACSR 6/1	0	0	742	164	0	0	0	0.00	7.45	0
9950049	9950048	5.72	1 1-	2 ACSR 6/1	0	0	783	166	4	0	0	0.00	7.43	0
9950063	9950065	5.57	1 1-	2 ACSR 6/1	0	0	808	167	4	0	0	0.00	7.39	0
9950058	9950065	5.60	197 3-	1/0 ACSR 6/1	1115	994	807	167	971	42	19	0.00	5.13	73
9950062	9950058	5.69	195 3-	1/0 ACSR 6/1	1099	978	795	166	960	42	18	0.00	5.19	68
D09-95-P024	9950062	5.69	8 1-	REC-25-H	0	0	795	166	20	2	11	0.00	7.01	0
9950038	D09-95-P024	6.74	8 1-	2 ACSR 6/1	0	0	653	159	20	2	1	0.08	7.10	1
15150021	9950038	6.78	6 1-	2 ACSR 6/1	0	0	648	159	16	2	1	0.00	7.10	0
15150022	15150021	6.83	5 1-	2 ACSR 6/1	0	0	643	159	11	1	1	0.00	7.10	0
15150018	15150022	6.87	3 1-	2 ACSR 6/1	0	0	638	159	9	1	1	0.00	7.10	0
15150010	15150018	7.11	2 1-	2 ACSR 6/1	0	0	614	157	6	0	0	0.00	7.10	0
15150011	15150010	7.54	0 1-	2 ACSR 6/1	0	0	574	155	0	0	0	0.00	7.10	0
15150012	15150011	7.56	0 1-	2 ACSR 6/1	0	0	571	154	0	0	0	0.00	7.10	0
15150016	15150012	7.63	0 1-	2 ACSR 6/1	0	0	566	154	0	0	0	0.00	7.10	0
15150013	15150012	7.69	0 1-	2 ACSR 6/1	0	0	560	154	0	0	0	0.00	7.10	0
15150015	15150013	7.73	0 1-	2 ACSR 6/1	0	0	557	153	0	0	0	0.00	7.10	0
15150014	15150013	7.76	0 1-	2 ACSR 6/1	0	0	555	153	0	0	0	0.00	7.10	0
15150017	15150022	6.88	1 1-	2 ACSR 6/1	0	0	637	159	2	0	0	0.00	7.10	0
15150009	9950038	6.81	2 1-	2 ACSR 6/1	0	0	645	159	4	0	0	0.00	7.10	0
9950060	9950062	5.73	186 3-	1/0 ACSR 6/1	1091	972	790	166	931	41	18	0.00	5.21	28
9950059	9950060	5.78	184 3-	1/0 ACSR 6/1	1082	963	783	166	925	40	18	0.00	5.25	37
9950033	9950059	5.88	184 3-	1/0 ACSR 6/1	1063	946	769	165	925	40	18	-0.01	5.32	76
9960082	9950033	5.98	3 1-	2 ACSR 6/1	0	0	755	165	8	1	1	0.00	1.05	0
9960083	9960082	6.02	1 1-	2 ACSR 6/1	0	0	748	165	4	0	0	0.00	1.05	0
9960048	9950033	6.01	181 3-	1/0 ACSR 6/1	1043	927	754	165	916	40	18	-0.01	5.39	85
9960081	9960048	6.04	2 1-	2 ACSR 6/1	0	0	748	165	2	0	0	0.00	7.47	0
9960080	9960048	6.10	179 3-	1/0 ACSR 6/1	1028	913	743	164	912	40	18	-0.01	5.45	64
9960079	9960080	6.18	177 3-	1/0 ACSR 6/1	1015	901	734	164	901	40	17	-0.01	5.50	55
9960058	9960079	6.25	85 1-	2 ACSR 6/1	0	0	724	164	432	58	32	0.12	7.82	41
D09-96-P056	9960058	6.25	8 1-	REC-50-H	0	0	724	164	54	7	15	0.00	7.82	0
9960067	D09-96-P056	6.30	8 1-	2 ACSR 6/1	0	0	717	163	54	7	4	0.01	7.83	0
9960068	9960067	6.36	6 1-	2 ACSR 6/1	0	0	709	163	45	6	3	0.01	7.84	0
9960069	9960068	6.42	3 1-	2 ACSR 6/1	0	0	702	163	11	1	1	0.00	7.85	0
9960070	9960069	6.43	2 1-	2 ACSR 6/1	0	0	700	162	11	1	1	0.00	7.85	0
9960047	9960068	6.40	3 1-	2 ACSR 6/1	0	0	703	163	34	4	3	0.01	7.85	0
9960059	9960047	6.45	0 1-	2 ACSR 6/1	0	0	697	162	0	0	0	0.00	7.85	0
9960057	9960047	6.48	1 1-	2 ACSR 6/1	0	0	694	162	10	1	1	0.00	7.85	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9960071	9960047	6.45	2 1-	2 ACSR 6/1	0	0	698	162	24	3	2	0.00	7.85	0
9960072	9960071	6.70	1 1-	2 ACSR 6/1	0	0	667	161	15	2	1	0.01	7.86	0
9960046	9960058	6.30	77 1-	2 ACSR 6/1	0	0	717	163	378	50	28	0.08	7.90	25
9960055	9960046	6.34	76 1-	2 ACSR 6/1	0	0	712	163	375	50	28	0.06	7.96	17
9960090	9960055	6.36	75 1-	2 ACSR 6/1	0	0	709	163	374	50	28	0.03	7.99	9
9960091	9960090	6.39	74 1-	2 ACSR 6/1	0	0	705	163	364	49	27	0.04	8.03	13
9960054	9960091	6.41	14 1-	2 ACSR 6/1	0	0	703	163	91	12	7	0.01	8.04	0
9960056	9960054	6.46	13 1-	2 ACSR 6/1	0	0	696	162	86	11	6	0.02	8.05	0
9960050	9960056	6.54	10 1-	2 ACSR 6/1	0	0	686	162	55	7	4	0.02	8.07	0
9960052	9960050	6.59	1 1-	2 ACSR 6/1	0	0	681	161	2	0	0	0.00	8.07	0
9960051	9960050	6.62	7 1-	2 ACSR 6/1	0	0	676	161	48	6	4	0.01	8.09	0
9960045	9960051	6.71	0 1-	2 ACSR 6/1	0	0	666	161	0	0	0	0.00	8.09	0
9960064	9960051	6.66	7 1-	2 ACSR 6/1	0	0	672	161	48	6	4	0.01	8.09	0
9960065	9960064	6.74	6 1-	2 ACSR 6/1	0	0	663	160	40	5	3	0.01	8.10	0
9960063	9960065	6.79	2 1-	2 ACSR 6/1	0	0	657	160	3	0	0	0.00	8.10	0
9960060	9960065	6.78	3 1-	2 ACSR 6/1	0	0	658	160	26	3	2	0.00	8.11	0
9960061	9960060	6.83	2 1-	2 ACSR 6/1	0	0	652	160	15	2	1	0.00	8.11	0
9960062	9960061	6.90	1 1-	2 ACSR 6/1	0	0	645	159	7	0	1	0.00	8.11	0
9960053	9960065	6.80	1 1-	2 ACSR 6/1	0	0	656	160	12	1	1	0.00	8.11	0
9960049	9960056	6.55	2 1-	2 ACSR 6/1	0	0	685	162	21	2	2	0.00	8.06	0
9960087	9960091	6.49	59 1-	2 ACSR 6/1	0	0	693	162	266	35	20	0.10	8.13	22
15060028	9960087	6.60	54 1-	2 ACSR 6/1	0	0	679	161	249	33	19	0.11	8.24	22
15060027	15060028	6.66	3 1-	2 ACSR 6/1	0	0	672	161	12	1	1	0.00	8.24	0
15060026	15060028	6.66	3 1-	2 ACSR 6/1	0	0	672	161	14	1	1	0.00	8.24	0
15060029	15060026	6.71	2 1-	2 ACSR 6/1	0	0	666	161	9	1	1	0.00	8.24	0
15060025	15060028	6.69	48 1-	2 ACSR 6/1	0	0	668	161	224	30	17	0.08	8.32	15
15060015	15060025	6.74	0 1-	2 ACSR 6/1	0	0	662	160	0	0	0	0.00	8.32	0
15060021	15060025	6.75	2 1-	2 ACSR 6/1	0	0	661	160	5	0	0	0.00	8.32	0
15060018	15060025	6.89	46 1-	2 ACSR 6/1	0	0	646	159	218	29	16	0.17	8.49	30
15060016	15060018	6.96	0 1-	2 ACSR 6/1	0	0	638	159	0	0	0	0.00	8.49	0
15060022	15060018	6.96	2 1-	2 ACSR 6/1	0	0	638	159	15	2	1	0.00	8.49	0
15060031	15060018	7.03	37 1-	2 ACSR 6/1	0	0	631	159	174	23	13	0.09	8.58	13
15160014	15060031	7.12	3 1-	2 ACSR 6/1	0	0	621	158	14	1	1	0.00	8.58	0
15160015	15160014	7.16	2 1-	2 ACSR 6/1	0	0	618	158	10	1	1	0.00	8.59	0
15160011	15060031	7.14	32 1-	2 ACSR 6/1	0	0	620	158	151	20	11	0.06	8.64	8
15160016	15160011	7.19	2 1-	2 ACSR 6/1	0	0	615	158	15	2	1	0.00	8.64	0
15160010	15160011	7.23	29 1-	2 ACSR 6/1	0	0	611	157	135	18	10	0.05	8.69	5
15160030	15160010	7.25	26 1-	2 ACSR 6/1	0	0	608	157	119	16	9	0.01	8.70	0
15160032	15160030	7.29	25 1-	2 ACSR 6/1	0	0	605	157	113	15	9	0.01	8.71	1
D15-16-P005	15160032	7.29	21 1-	RBC-35-H	0	0	605	157	87	11	34	0.00	8.71	0
15160037	D15-16-P005	7.35	21 1-	2 ACSR 6/1	0	0	599	157	87	11	7	0.02	8.74	2
15160031	15160037	7.42	19 1-	2 ACSR 6/1	0	0	593	156	81	10	6	0.02	8.76	1
15160021	15160031	7.49	17 1-	2 ACSR 6/1	0	0	586	156	77	10	6	0.02	8.78	1
15160034	15160021	7.59	11 1-	2 ACSR 6/1	0	0	577	155	46	6	3	0.02	8.79	0
15160033	15160034	7.65	1 1-	2 ACSR 6/1	0	0	572	155	4	0	0	0.00	8.79	0
15160028	15160034	7.63	6 1-	2 ACSR 6/1	0	0	573	155	23	3	2	0.00	8.80	0
15160017	15160028	7.66	4 1-	2 ACSR 6/1	0	0	571	155	16	2	1	0.00	8.80	0
15160018	15160017	7.73	2 1-	2 ACSR 6/1	0	0	565	154	9	1	1	0.00	8.80	0
15160019	15160018	7.80	1 1-	2 ACSR 6/1	0	0	559	154	9	1	1	0.00	8.80	0
15160027	15160034	7.65	1 1-	2 ACSR 6/1	0	0	571	155	9	1	1	0.00	8.79	0
15160022	15160021	7.56	5 1-	2 ACSR 6/1	0	0	580	155	23	3	2	0.00	8.78	0
15160020	15160022	7.62	3 1-	2 ACSR 6/1	0	0	575	155	14	1	1	0.00	8.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15160036	15160020	7.68	1 1-	2 ACSR 6/1	0	0	570	155	5	0	0	0.00	8.79	0
15160009	15160031	7.47	2 1-	2 ACSR 6/1	0	0	588	156	4	0	0	0.00	8.76	0
15160013	15160009	7.60	1 1-	2 ACSR 6/1	0	0	576	155	1	0	0	0.00	8.76	0
15160012	15160009	7.58	1 1-	2 ACSR 6/1	0	0	578	155	3	0	0	0.00	8.76	0
15160024	15160032	7.38	3 1-	2 ACSR 6/1	0	0	596	156	17	2	1	0.01	8.72	0
15160023	15160024	7.68	2 1-	2 ACSR 6/1	0	0	570	155	15	1	1	0.02	8.73	0
15160026	15160023	7.74	1 1-	2 ACSR 6/1	0	0	564	154	13	1	1	0.00	8.74	0
15160029	15160023	7.83	0 1-	2 ACSR 6/1	0	0	557	154	0	0	0	0.00	8.73	0
15-16-P033-A	15160029	7.83	0 1-	Open	0	0	557	154	0	0	0	0.00	8.73	0
15060017	15060018	7.00	5 1-	2 ACSR 6/1	0	0	634	159	23	3	2	0.01	8.50	0
15060023	15060017	7.09	3 1-	2 ACSR 6/1	0	0	625	158	13	1	1	0.00	8.50	0
15060030	15060023	7.13	2 1-	2 ACSR 6/1	0	0	621	158	11	1	1	0.00	8.50	0
15060024	15060023	7.24	0 1-	2 ACSR 6/1	0	0	610	157	0	0	0	0.00	8.50	0
15060014	15060024	7.43	0 1-	2 ACSR 6/1	0	0	592	156	0	0	0	0.00	8.50	0
15060013	15060024	7.30	0 1-	2 ACSR 6/1	0	0	604	157	0	0	0	0.00	8.50	0
15060019	15060017	7.13	2 1-	2 ACSR 6/1	0	0	621	158	11	1	1	0.00	8.50	0
15060020	15060019	7.19	1 1-	2 ACSR 6/1	0	0	615	158	10	1	1	0.00	8.50	0
9960066	9960046	6.39	1 1-	2 ACSR 6/1	0	0	705	163	2	0	0	0.00	7.90	0
9960084	9960079	6.30	90 3-	1/0 ACSR 6/1	992	880	717	163	465	20	9	0.04	5.54	14
9960085	9960084	6.31	88 3-	1/0 ACSR 6/1	989	877	715	163	450	19	9	0.00	5.55	2
D09-96-P042	9960085	6.31	88 3-	REC-50-H	989	877	715	163	450	19	40	0.00	5.55	0
9960086	D09-96-P042	6.35	88 3-	1/0 ACSR 6/1	981	870	710	163	450	19	9	0.01	5.56	5
9960077	9960086	6.42	87 3-	1/0 ACSR 6/1	968	858	701	162	439	19	8	0.02	5.58	8
9960078	9960077	6.54	86 3-	1/0 ACSR 6/1	947	838	686	162	437	19	8	0.04	5.62	13
9860080	9960078	6.58	2 1-	2 ACSR 6/1	0	0	681	161	5	0	0	0.00	1.14	0
9860078	9860080	6.64	2 1-	2 ACSR 6/1	0	0	674	161	5	0	0	0.00	1.14	0
9860079	9960078	6.60	80 3-	1/0 ACSR 6/1	938	830	679	161	418	18	8	0.01	5.63	5
9860081	9860079	6.64	76 3-	1/0 ACSR 6/1	931	823	674	161	396	17	8	0.01	5.64	4
9860091	9860081	6.68	73 3-	1/0 ACSR 6/1	923	816	669	161	384	17	7	0.01	5.65	4
9860082	9860091	6.71	7 1-	2 ACSR 6/1	0	0	666	161	33	4	3	0.00	7.83	0
9860095	9860082	6.81	3 1-	2 ACSR 6/1	0	0	654	160	18	2	1	0.00	7.83	0
9860083	9860082	6.76	3 1-	2 ACSR 6/1	0	0	661	160	9	1	1	0.00	7.83	0
9860092	9860091	6.73	63 3-	1/0 ACSR 6/1	915	809	664	160	341	15	7	0.01	5.67	4
9860085	9860092	6.79	62 3-	1/0 ACSR 6/1	905	799	656	160	332	14	6	0.01	5.68	5
9860096	9860085	6.89	48 3-	1/0 ACSR 6/1	890	785	645	159	261	11	5	0.00	5.70	7
9860106	9860096	6.93	4 1-	2 ACSR 6/1	0	0	641	159	31	4	2	0.00	7.85	0
9860098	9860106	7.08	3 1-	2 ACSR 6/1	0	0	625	158	23	3	2	0.01	7.86	0
9860099	9860098	7.16	2 1-	2 ACSR 6/1	0	0	618	158	17	2	1	0.00	7.86	0
9850024	9860099	7.19	1 1-	2 ACSR 6/1	0	0	615	158	9	1	1	0.00	7.86	0
9860097	9860096	6.94	43 3-	1/0 ACSR 6/1	882	777	640	159	221	9	4	0.00	5.71	3
D09-86-P010	9860097	6.94	34 1-	SEC-50-GH	0	0	640	159	167	22	0	0.00	8.09	0
9860100	D09-86-P010	6.97	34 1-	2 ACSR 6/1	0	0	637	159	167	22	13	0.02	8.10	3
9860101	9860100	7.06	33 1-	2 ACSR 6/1	0	0	628	158	164	22	12	0.05	8.16	7
9860103	9860101	7.11	33 1-	2 ACSR 6/1	0	0	622	158	164	22	12	0.04	8.19	5
9860104	9860103	7.25	33 1-	2 ACSR 6/1	0	0	608	157	164	22	12	0.09	8.28	12
9860111	9860104	7.31	32 1-	2 ACSR 6/1	0	0	603	157	160	21	12	0.03	8.32	4
9860113	9860111	7.45	1 1-	2 ACSR 6/1	0	0	589	156	3	0	0	0.00	8.32	0
9860112	9860111	7.56	31 1-	2 ACSR 6/1	0	0	579	155	157	21	12	0.15	8.46	19
9860105	9860112	7.61	20 1-	2 ACSR 6/1	0	0	575	155	103	14	8	0.02	8.48	2
9860056	9860105	7.64	20 1-	2 ACSR 6/1	0	0	573	155	103	14	8	0.01	8.49	0
9860057	9860056	7.66	18 1-	2 ACSR 6/1	0	0	571	155	94	12	7	0.01	8.50	0
9860065	9860057	7.74	17 1-	2 ACSR 6/1	0	0	564	154	86	11	7	0.02	8.53	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9860067	9860065	7.94	11 1-	2 ACSR 6/1	0	0	548	153	59	7	4	0.04	8.57	2
9860069	9860067	8.00	5 1-	2 ACSR 6/1	0	0	543	153	36	4	3	0.01	8.58	0
9860070	9860069	8.06	4 1-	2 ACSR 6/1	0	0	539	152	33	4	2	0.01	8.59	0
9860071	9860070	8.08	4 1-	2 ACSR 6/1	0	0	537	152	33	4	2	0.00	8.59	0
9860072	9860071	8.12	2 1-	2 ACSR 6/1	0	0	534	152	15	2	1	0.00	8.59	0
9860053	9860067	8.05	5 1-	2 ACSR 6/1	0	0	539	152	22	3	2	0.01	8.58	0
9960044	9860053	8.06	5 1-	2 ACSR 6/1	0	0	538	152	22	3	2	0.00	8.58	0
9960075	9960044	8.10	2 1-	2 ACSR 6/1	0	0	535	152	8	1	1	0.00	8.58	0
9960076	9960075	8.16	1 1-	2 ACSR 6/1	0	0	531	152	3	0	0	0.00	8.58	0
9960074	9960044	8.14	2 1-	2 ACSR 6/1	0	0	532	152	11	1	1	0.00	8.59	0
9960073	9960044	8.10	1 1-	2 ACSR 6/1	0	0	535	152	4	0	0	0.00	8.58	0
9860066	9860065	7.80	2 1-	2 ACSR 6/1	0	0	559	154	10	1	1	0.00	8.53	0
9860107	9860112	7.62	7 1-	2 ACSR 6/1	0	0	574	155	37	5	3	0.01	8.47	0
9860064	9860107	7.66	5 1-	2 ACSR 6/1	0	0	571	155	24	3	2	0.00	8.48	0
9860054	9860064	7.70	4 1-	2 ACSR 6/1	0	0	568	154	18	2	1	0.00	8.48	0
9860055	9860054	7.75	3 1-	2 ACSR 6/1	0	0	563	154	12	1	1	0.00	8.48	0
9860063	9860107	7.67	1 1-	2 ACSR 6/1	0	0	570	155	9	1	1	0.00	8.47	0
9860102	9860101	7.12	0 1-	2 ACSR 6/1	0	0	622	158	0	0	0	0.00	8.16	0
9860050	9860097	7.56	9 1-	2 ACSR 6/1	0	0	580	155	54	7	4	0.13	7.97	6
9850028	9860050	8.14	1 1-	2 ACSR 6/1	0	0	532	152	2	0	0	0.00	7.97	0
9850027	9860050	7.69	8 1-	2 ACSR 6/1	0	0	568	154	52	6	4	0.03	7.99	0
9860075	9850027	7.73	3 1-	2 ACSR 6/1	0	0	565	154	23	3	2	0.00	8.00	0
9860076	9860075	7.76	2 1-	2 ACSR 6/1	0	0	562	154	14	1	1	0.00	8.00	0
9860118	9860076	7.80	1 1-	2 ACSR 6/1	0	0	560	154	4	0	0	0.00	8.00	0
9860074	9850027	7.79	4 1-	2 ACSR 6/1	0	0	560	154	25	3	2	0.01	8.00	0
9860073	9860074	7.86	3 1-	2 ACSR 6/1	0	0	554	153	21	2	2	0.00	8.01	0
9860077	9860073	7.92	1 1-	2 ACSR 6/1	0	0	549	153	5	0	0	0.00	8.01	0
9860090	9860085	6.87	4 1-	2 ACSR 6/1	0	0	648	160	15	1	1	0.00	1.19	0
9860093	9860090	6.93	3 1-	2 ACSR 6/1	0	0	641	159	8	1	1	0.00	1.19	0
9860094	9860093	7.06	1 1-	2 ACSR 6/1	0	0	627	158	3	0	0	0.00	1.20	0
9860086	9860085	6.84	7 1-	2 ACSR 6/1	0	0	651	160	43	5	3	0.01	1.20	0
9860087	9860086	6.87	5 1-	2 ACSR 6/1	0	0	648	160	27	3	2	0.00	1.20	0
9860088	9860087	6.90	4 1-	2 ACSR 6/1	0	0	644	159	17	2	1	0.00	1.20	0
9860117	9860088	6.93	3 1-	2 ACSR 6/1	0	0	642	159	9	1	1	0.00	1.20	0
9860089	9860117	7.02	2 1-	2 ACSR 6/1	0	0	632	159	8	0	1	0.00	1.20	0
9860084	9860092	6.79	1 1-	2 ACSR 6/1	0	0	656	160	8	1	1	0.00	7.83	0
9950066	9950059	5.86	0 1-	2 ACSR 6/1	0	0	770	165	0	0	0	0.00	1.05	0
9950057	9950060	5.79	2 1-	2 ACSR 6/1	0	0	780	166	6	0	0	0.00	1.05	0
9950061	9950058	5.67	1 1-	2 ACSR 6/1	0	0	795	166	5	0	0	0.00	1.06	0
9950050	9950034	5.42	1 1-	2 ACSR 6/1	0	0	831	168	1	0	0	0.00	1.06	0
9940013	9940011	4.48	1 1-	2 ACSR 6/1	0	0	994	172	8	1	1	0.00	5.13	0
15040012	15140023	3.56	1 1-	2 ACSR 6/1	0	0	1233	177	5	0	0	0.00	0.81	0
15140022	15140027	3.47	0 1-	2 ACSR 6/1	0	0	1262	177	0	0	0	0.00	3.74	0
15140046	15140048	3.24	1 1-	2 ACSR 6/1	0	0	1345	178	3	0	0	0.00	3.42	0
15140049	15140048	3.23	1 1-	2 ACSR 6/1	0	0	1347	178	11	1	1	0.00	0.76	0
15140079	15140047	3.14	1 1-	2 ACSR 6/1	0	0	1385	179	7	0	0	0.00	3.26	0
15140080	15140079	3.20	1 1-	15 KV 2 URD XLP	0	0	1365	419	7	0	1	0.00	3.26	0
15140042	15140043	2.84	2 1-	2 ACSR 6/1	0	0	1515	181	12	1	1	0.00	0.69	0
15140044	15140042	2.89	2 1-	2 ACSR 6/1	0	0	1486	180	12	1	1	0.00	0.70	0
15140075	15140044	2.94	1 1-	2 ACSR 6/1	0	0	1461	180	5	0	0	0.00	0.70	0
15140055	15140018	2.57	4 1-	2 ACSR 6/1	0	0	1633	182	13	1	1	0.00	4.63	0
15240031	15240016	2.09	10 1-	2 ACSR 6/1	0	0	1903	183	61	7	4	0.00	0.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15240032	15240031	2.11	9 1-	2 ACSR 6/1	0	0	1886	183	61	7	4	0.00	0.60	0
15240036	15240032	2.20	4 1-	2 ACSR 6/1	0	0	1810	182	37	4	3	0.01	0.61	0
15240037	15240036	2.25	3 1-	2 ACSR 6/1	0	0	1776	182	37	4	3	0.01	0.62	0
15240028	15240037	2.42	2 1-	2 ACSR 6/1	0	0	1649	181	35	4	2	0.02	0.64	0
15240030	15240028	2.66	1 1-	2 ACSR 6/1	0	0	1503	179	21	2	1	0.01	0.65	0
15240029	15240028	2.63	1 1-	2 ACSR 6/1	0	0	1520	179	14	1	1	0.01	0.65	0
15240017	15240037	2.30	1 1-	2 ACSR 6/1	0	0	1739	182	2	0	0	0.00	0.62	0
15240014	15240032	2.22	5 1-	2 ACSR 6/1	0	0	1795	182	24	2	2	0.01	0.61	0
20850984	15240014	2.33	1 1-	2 ACSR 6/1	0	0	1714	181	5	0	0	0.00	0.61	0
15240020	15240014	2.27	1 1-	2 ACSR 6/1	0	0	1757	182	1	0	0	0.00	0.61	0
15240018	15240014	2.32	3 1-	2 ACSR 6/1	0	0	1723	181	18	2	1	0.00	0.61	0
15240019	15240018	2.43	2 1-	2 ACSR 6/1	0	0	1643	181	5	0	0	0.00	0.61	0
15130020	15240019	2.65	1 1-	2 ACSR 6/1	0	0	1510	179	0	0	0	0.00	0.61	0
20851479	20851480	1.87	5 1-	2 ACSR 6/1	0	0	2052	184	26	3	2	0.00	3.58	0
20851687	20851479	1.91	4 1-	2 ACSR 6/1	0	0	2010	184	25	3	2	0.00	3.58	0
20851688	20851687	1.93	3 1-	2 ACSR 6/1	0	0	1994	183	18	2	1	0.00	3.58	0
15240033	20851688	1.97	2 1-	2 ACSR 6/1	0	0	1955	183	12	1	1	0.00	3.58	0
15240035	15240033	2.07	1 1-	2 ACSR 6/1	0	0	1870	182	6	0	0	0.00	3.59	0
15240034	15240033	2.09	1 1-	2 ACSR 6/1	0	0	1854	182	6	0	0	0.00	3.59	0
20851537	20851479	1.93	1 1-	2 ACSR 6/1	0	0	1996	184	1	0	0	0.00	3.58	0
15340103	15340102	1.14	0 1-	2 ACSR 6/1	0	0	2774	186	0	0	0	0.00	0.31	0
15340100	15340126	0.79	1 1-	2 ACSR 6/1	0	0	3331	188	2	0	0	0.00	0.19	0
15340168	15340167	0.55	14 1-	2 ACSR 6/1	0	0	3843	188	33	4	2	0.00	0.57	0
15340170	15340168	0.61	8 1-	2 ACSR 6/1	0	0	3659	188	17	2	1	0.00	0.58	0
15340171	15340170	0.65	3 1-	2 ACSR 6/1	0	0	3548	187	6	0	0	0.00	0.58	0
15340169	15340168	0.60	4 1-	2 ACSR 6/1	0	0	3677	188	6	0	0	0.00	0.57	0
CKT	1 total losses: \$9,494													

SUB 22, CKT 2

BK2202	ROCKHOLD(22)	0.00	1027 3-	BK2202	5666	5746	5966	190	5084	212	57	0.00	0.00	0
15340082	BK2202	0.00	1027 3-	1/0 CU	5651	5730	5942	190	5084	212	70	0.01	0.01	36
15340083	15340082	0.01	1027 3-	1/0 CU	5620	5695	5887	190	5083	212	70	0.03	0.03	82
15340084	15340083	0.02	0 3-	1/0 CU	5590	5662	5835	190	0	0	0	0.00	0.03	0
15340088	15340083	0.13	1027 3-	336 ACSR 18/1	5340	5361	5407	190	5083	212	40	0.16	0.16	465
15340094	15340088	0.21	2 1-	2 ACSR 6/1	0	0	4944	189	12	1	1	0.00	0.19	0
15340085	15340088	0.16	0 1-	2 ACSR 6/1	0	0	5204	190	0	0	0	0.00	0.19	0
15340174	15340088	0.23	1025 3-	336 ACSR 18/1	5101	5080	5021	190	5066	212	40	0.14	0.28	433
15350029	15340174	0.28	1024 3-	336 ACSR 18/1	5007	4970	4874	190	5058	212	40	0.06	0.33	182
15350030	15350029	0.32	1023 3-	336 ACSR 18/1	4923	4872	4746	189	5048	211	40	0.05	0.37	167
15350034	15350030	0.43	1016 3-	336 ACSR 18/1	4713	4632	4437	189	5014	210	40	0.14	0.49	434
15350041	15350034	0.67	987 3-	336 ACSR 18/1	4299	4170	3868	189	4876	204	39	0.30	0.75	935
15350046	15350041	0.72	986 3-	336 ACSR 18/1	4223	4087	3768	189	4862	204	39	0.06	0.81	192
15350047	15350046	0.81	985 3-	336 ACSR 18/1	4085	3938	3593	188	4855	204	39	0.11	0.91	361
15350042	15350047	0.92	984 3-	336 ACSR 18/1	3935	3775	3407	188	4843	204	39	0.13	1.02	424
15350043	15350042	0.96	983 3-	336 ACSR 18/1	3889	3727	3352	188	4832	203	38	0.04	1.06	133
15350044	15350043	1.04	981 3-	336 ACSR 18/1	3781	3612	3223	188	4821	203	38	0.10	1.15	332
15350048	15350044	1.14	0 1-	2 ACSR 6/1	0	0	3018	187	0	0	0	0.00	1.35	0
20850378	15350044	1.30	981 3-	336 ACSR 18/1	3491	3308	2891	187	4818	203	38	0.31	1.42	982
20850353	20850378	1.41	980 3-	336 ACSR 18/1	3379	3193	2768	187	4801	203	38	0.13	1.53	423
15350025	20850353	1.50	979 3-	336 ACSR 18/1	3294	3106	2677	187	4794	202	38	0.10	1.63	335
15350026	15350025	1.58	2 1-	2 ACSR 6/1	0	0	2551	186	12	1	1	0.00	1.89	0
15360026	15350026	1.63	1 1-	2 ACSR 6/1	0	0	2477	186	7	0	0	0.00	1.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15360027	15350026	1.69	1 1-	2 ACSR 6/1	0	0	2404	185	5	0	0	0.00	1.89	0
15350028	15350025	1.60	977 3-	336 ACSR 18/1	3201	3011	2578	187	4779	202	38	0.12	1.73	392
15360030	15350028	1.68	973 3-	336 ACSR 18/1	3129	2938	2503	187	4767	202	38	0.10	1.82	313
15360031	15360030	1.72	972 3-	336 ACSR 18/1	3094	2903	2467	186	4757	201	38	0.05	1.86	157
15360032	15360031	1.89	968 3-	336 ACSR 18/1	2961	2769	2332	186	4752	201	38	0.19	2.03	632
15360036	15360032	1.99	965 3-	336 ACSR 18/1	2890	2698	2261	186	4727	200	38	0.11	2.13	360
15360037	15360036	2.09	964 3-	336 ACSR 18/1	2816	2624	2188	186	4716	200	38	0.12	2.23	394
15360042	15360037	2.16	824 3-	336 ACSR 18/1	2773	2581	2146	185	4088	173	33	0.07	2.29	174
15360043	15360042	2.22	821 3-	336 ACSR 18/1	2732	2541	2107	185	4076	173	33	0.07	2.34	169
D15-36-P031	15360043	2.22	820 3-	ER3-RVE-200/100	2732	2541	2107	185	4067	173	173	0.00	2.34	0
15360044	D15-36-P031	2.27	820 3-	336 ACSR 18/1	2698	2507	2074	185	4067	173	33	0.06	2.38	147
15360045	15360044	2.37	819 3-	336 ACSR 18/1	2638	2448	2018	185	4066	172	33	0.11	2.46	264
D15-36-P048	15360045	2.37	2 1-	FUS-30	0	0	2018	185	6	0	3	0.00	2.87	0
15360046	D15-36-P048	2.54	2 1-	2 ACSR 6/1	0	0	1869	184	6	0	0	0.00	2.87	0
15360047	15360046	2.70	1 1-	2 ACSR 6/1	0	0	1749	182	0	0	0	0.00	2.87	0
15360048	15360045	2.43	815 3-	336 ACSR 18/1	2600	2411	1982	185	4055	172	33	0.07	2.52	174
15360049	15360048	2.49	814 3-	336 ACSR 18/1	2566	2378	1950	185	4053	172	33	0.06	2.56	158
C15-36-P32	15360049	2.49	0 3-	Capacitor	2566	2378	1950	185	0	-13	0	0.00	2.56	0
15360050	15360049	2.55	814 3-	336 ACSR 18/1	2534	2346	1920	185	4051	173	33	0.07	2.62	158
15360051	15360050	2.63	813 3-	336 ACSR 18/1	2492	2305	1882	184	4045	173	33	0.09	2.69	208
15360040	15360051	2.78	813 3-	336 ACSR 18/1	2412	2227	1808	184	4043	173	33	0.18	2.84	421
15360041	15360040	2.82	812 3-	336 ACSR 18/1	2393	2209	1791	184	4032	173	33	0.05	2.87	103
15360053	15360041	2.93	810 3-	336 ACSR 18/1	2338	2155	1742	184	4021	172	33	0.13	2.98	308
15370036	15360053	3.08	808 3-	336 ACSR 18/1	2268	2088	1680	183	4015	172	33	0.18	3.12	412
15370037	15370036	3.19	807 3-	336 ACSR 18/1	2222	2044	1639	183	4007	172	33	0.12	3.22	284
15370038	15370037	3.29	806 3-	336 ACSR 18/1	2179	2002	1602	183	3996	172	32	0.12	3.32	276
15370039	15370038	3.36	805 3-	336 ACSR 18/1	2150	1974	1577	183	3989	171	32	0.08	3.38	192
15370040	15370039	3.42	804 3-	336 ACSR 18/1	2126	1952	1556	183	3981	171	32	0.07	3.44	161
15370041	15370040	3.45	1 1-	2 ACSR 6/1	0	0	1537	182	8	1	1	0.00	4.50	0
20850356	15370040	3.45	802 3-	336 ACSR 18/1	2113	1939	1545	183	3962	170	32	0.04	3.47	91
20850357	20850356	3.52	801 3-	336 ACSR 18/1	2087	1914	1522	182	3954	170	32	0.08	3.53	181
20850383	20850357	3.77	797 3-	336 ACSR 18/1	2032	1861	1475	182	3933	169	32	0.17	3.67	398
D15-37-P015	20850383	3.67	57 1-	REC-50-H	0	0	1475	182	253	33	66	0.00	4.39	0
20850586	D15-37-P015	3.87	57 1-	2 ACSR 6/1	0	0	1381	180	253	33	18	0.19	4.58	38
20850587	20850586	3.97	56 1-	2 ACSR 6/1	0	0	1336	180	248	32	18	0.10	4.68	19
20850589	20850587	4.06	1 1-	2 ACSR 6/1	0	0	1301	179	5	0	0	0.00	4.68	0
20850588	20850587	4.02	1 1-	2 ACSR 6/1	0	0	1316	179	8	1	1	0.00	4.68	0
15370032	20850587	4.09	54 1-	2 ACSR 6/1	0	0	1288	179	236	30	17	0.11	4.78	20
20850592	15370032	4.18	53 1-	2 ACSR 6/1	0	0	1254	178	225	29	16	0.07	4.86	13
20850593	20850592	4.22	4 1-	2 ACSR 6/1	0	0	1237	178	4	0	0	0.00	4.86	0
20850571	20850593	4.27	2 1-	2 ACSR 6/1	0	0	1221	177	2	0	0	0.00	4.86	0
20850591	20850592	4.31	48 1-	2 ACSR 6/1	0	0	1204	177	219	28	16	0.11	4.97	20
15370049	20850591	4.35	2 1-	2 ACSR 6/1	0	0	1190	177	1	0	0	0.00	4.97	0
15370034	20850591	4.37	46 1-	2 ACSR 6/1	0	0	1184	177	217	28	16	0.05	5.02	9
15470016	15370034	4.49	45 1-	2 ACSR 6/1	0	0	1144	176	210	27	15	0.09	5.11	16
15470017	15470016	4.74	44 1-	2 ACSR 6/1	0	0	1066	174	207	27	15	0.20	5.31	32
15470018	15470017	4.81	42 1-	2 ACSR 6/1	0	0	1049	173	199	26	15	0.05	5.36	7
15470019	15470018	4.89	41 1-	2 ACSR 6/1	0	0	1026	173	192	25	14	0.06	5.42	10
D15-47-P019	15470019	4.89	15 1-	FUS-20	0	0	1026	173	67	8	49	0.00	5.42	0
15470021	D15-47-P019	5.07	15 1-	2 ACSR 6/1	0	0	980	172	67	8	5	0.04	5.46	2
20850938	15470021	5.15	14 1-	2 ACSR 6/1	0	0	961	171	63	8	5	0.02	5.48	0
20851385	20850938	5.34	11 1-	2 ACSR 6/1	0	0	918	170	55	7	4	0.04	5.52	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851386	20851385	5.60	1 1-	2 ACSR 6/1	0	0	864	168	0	0	0	0.00	5.52	0
20851359	20851385	5.49	10 1-	2 ACSR 6/1	0	0	888	169	55	7	4	0.03	5.55	1
20851360	20851359	5.60	9 1-	2 ACSR 6/1	0	0	865	168	46	6	3	0.02	5.57	0
20851361	20851360	5.61	8 1-	2 ACSR 6/1	0	0	862	168	38	5	3	0.00	5.57	0
20851362	20851361	5.70	6 1-	2 ACSR 6/1	0	0	846	167	36	4	3	0.01	5.58	0
20851363	20851362	5.86	5 1-	2 ACSR 6/1	0	0	817	166	29	3	2	0.02	5.59	0
20851365	20851363	5.94	3 1-	2 ACSR 6/1	0	0	804	166	13	1	1	0.00	5.60	0
20851366	20851365	6.38	1 1-	2 ACSR 6/1	0	0	736	163	2	0	0	0.00	5.60	0
20851364	20851363	5.96	1 1-	2 ACSR 6/1	0	0	801	165	7	0	1	0.00	5.60	0
20850978	20850938	5.21	1 1-	2 ACSR 6/1	0	0	947	171	2	0	0	0.00	5.48	0
15470020	15470019	4.98	25 1-	2 ACSR 6/1	0	0	1003	172	123	16	9	0.04	5.46	4
20851367	15470020	5.18	24 1-	2 ACSR 6/1	0	0	955	171	122	16	9	0.09	5.55	9
20851368	20851367	5.32	22 1-	2 ACSR 6/1	0	0	922	170	116	15	9	0.06	5.61	6
20851369	20851368	5.56	2 1-	2 ACSR 6/1	0	0	872	168	8	0	1	0.00	5.61	0
15480003	20851368	5.53	19 1-	2 ACSR 6/1	0	0	878	168	101	13	7	0.08	5.69	6
15580043	15480003	5.62	1 1-	2 ACSR 6/1	0	0	861	168	9	1	1	0.00	5.69	0
15580041	15480003	5.63	17 1-	2 ACSR 6/1	0	0	859	168	87	11	6	0.03	5.72	2
15580044	15580041	5.69	1 1-	2 ACSR 6/1	0	0	848	167	3	0	0	0.00	5.72	0
15580042	15580041	5.69	2 1-	2 ACSR 6/1	0	0	848	167	7	0	1	0.00	5.72	0
15580013	15580041	5.68	14 1-	2 ACSR 6/1	0	0	850	167	77	10	6	0.01	5.74	0
15580037	15580013	5.72	4 1-	2 ACSR 6/1	0	0	843	167	11	1	1	0.00	5.74	0
15580038	15580037	5.75	2 1-	2 ACSR 6/1	0	0	837	167	7	0	0	0.00	5.74	0
15580039	15580038	5.83	2 1-	2 ACSR 6/1	0	0	822	166	7	0	0	0.00	5.74	0
15580040	15580039	5.90	0 1-	2 ACSR 6/1	0	0	811	166	0	0	0	0.00	5.74	0
15580045	15580013	5.72	9 1-	2 ACSR 6/1	0	0	843	167	66	8	5	0.01	5.75	0
15580046	15580045	5.94	8 1-	2 ACSR 6/1	0	0	803	166	56	7	4	0.05	5.79	2
15570037	15580046	6.01	2 1-	2 ACSR 6/1	0	0	791	165	20	2	1	0.00	5.80	0
15570038	15570037	6.09	1 1-	2 ACSR 6/1	0	0	780	165	7	0	1	0.00	5.80	0
15570039	15580046	5.99	5 1-	2 ACSR 6/1	0	0	795	165	28	3	2	0.00	5.80	0
15570040	15570039	6.07	4 1-	2 ACSR 6/1	0	0	782	165	19	2	1	0.00	5.80	0
15570049	15570040	6.11	3 1-	2 ACSR 6/1	0	0	776	164	13	1	1	0.00	5.81	0
15570070	15570049	6.14	1 1-	2 ACSR 6/1	0	0	771	164	4	0	0	0.00	5.81	0
15570050	15570049	6.25	1 1-	2 ACSR 6/1	0	0	754	163	1	0	0	0.00	5.81	0
15570061	15580046	6.00	1 1-	2 ACSR 6/1	0	0	794	165	8	1	1	0.00	5.80	0
15470015	15370034	4.59	1 1-	2 ACSR 6/1	0	0	1111	175	8	0	1	0.00	5.02	0
15370035	15470015	4.74	0 1-	2 ACSR 6/1	0	0	1067	174	0	0	0	0.00	5.02	0
20850590	15370032	4.20	1 1-	2 ACSR 6/1	0	0	1243	178	10	1	1	0.00	4.79	0
20850384	20850383	3.73	739 3-	336 ACSR 18/1	2012	1842	1458	182	3676	158	30	0.05	3.72	127
20850385	20850384	3.87	1 1-	2 ACSR 6/1	0	0	1392	181	3	0	0	0.00	4.85	0
15370050	20850384	3.87	738 3-	336 ACSR 18/1	1962	1794	1416	182	3672	158	30	0.12	3.84	329
15370052	15370050	3.97	1 1-	2 ACSR 6/1	0	0	1373	181	2	0	0	0.00	5.00	0
15370051	15370050	4.01	737 3-	336 ACSR 18/1	1915	1750	1377	181	3667	158	30	0.12	3.96	321
20850584	15370051	4.08	1 1-	2 ACSR 6/1	0	0	1347	181	2	0	0	0.00	5.14	0
15370033	15370051	4.07	736 3-	336 ACSR 18/1	1897	1733	1362	181	3662	158	30	0.05	4.01	128
15270031	15370033	4.17	726 3-	4/0 ACSR 6/1	1859	1697	1331	181	3619	156	46	0.12	4.13	344
15270043	15270031	4.22	725 3-	4/0 ACSR 6/1	1840	1679	1316	181	3602	155	46	0.06	4.20	181
15-27-P023-B	15270043	4.22	725 3-	Closed	1840	1679	1316	181	3600	155	0	0.00	4.20	0
15-27-P023-A	15-27-P023-B	4.22	725 3-	Closed	1840	1679	1316	181	3600	155	0	0.00	4.20	0
15270044	15-27-P023-A	4.23	725 3-	4/0 ACSR 6/1	1837	1676	1313	181	3600	155	46	0.01	4.20	24
15270042	15270044	4.57	334 3-	1/0 ACSR 6/1	1690	1534	1204	179	1462	63	27	0.32	4.50	404
D15-28-P011	15270042	4.57	334 3-	REC-100-4H	1690	1534	1204	179	1458	63	63	0.00	4.50	0
15280024	D15-28-P011	4.82	334 3-	1/0 ACSR 6/1	1595	1443	1135	177	1458	63	27	0.23	4.71	293

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
20850566	15280024	4.88	332 3-	1/0 ACSR	6/1	1572	1421	1118	177	1452	63	27	0.06	4.76	77
15280013	20850566	5.14	331 3-	1/0 ACSR	6/1	1487	1340	1057	176	1450	63	27	0.23	4.98	296
15280012	15280013	5.21	329 3-	1/0 ACSR	6/1	1464	1319	1040	175	1404	61	27	0.06	5.04	81
15380015	15280012	5.37	328 3-	1/0 ACSR	6/1	1415	1272	1005	175	1400	61	27	0.13	5.17	178
15380016	15380015	5.43	327 3-	1/0 ACSR	6/1	1397	1256	992	174	1397	60	27	0.05	5.22	68
20850567	15380016	5.53	326 3-	1/0 ACSR	6/1	1371	1231	973	174	1395	60	26	0.07	5.30	102
20850568	20850567	5.62	325 3-	1/0 ACSR	6/1	1346	1208	955	173	1391	60	26	0.07	5.37	100
20850569	20850568	5.77	323 3-	1/0 ACSR	6/1	1307	1171	927	172	1387	60	26	0.12	5.49	164
20850766	20850569	5.85	323 3-	1/0 ACSR	6/1	1288	1153	914	172	1386	60	26	0.06	5.55	83
20850767	20850766	5.93	322 3-	1/0 ACSR	6/1	1269	1136	900	172	1384	60	26	0.06	5.62	84
20850768	20850767	6.06	321 3-	1/0 ACSR	6/1	1238	1107	878	171	1381	60	26	0.10	5.72	144
20850769	20850768	6.15	320 3-	1/0 ACSR	6/1	1218	1088	864	171	1373	60	26	0.07	5.79	97
20850770	20850769	6.24	318 3-	1/0 ACSR	6/1	1199	1070	850	170	1365	59	26	0.07	5.86	94
15390007	20850770	6.32	317 3-	1/0 ACSR	6/1	1181	1054	838	170	1362	59	26	0.06	5.93	88
15290054	15390007	6.40	316 3-	1/0 ACSR	6/1	1165	1039	826	169	1351	59	26	0.06	5.99	85
15290048	15290054	6.48	315 3-	1/0 ACSR	6/1	1149	1024	815	169	1348	59	26	0.06	6.05	82
15290049	15290048	6.56	312 3-	1/0 ACSR	6/1	1133	1010	804	169	1342	59	26	0.06	6.11	85
15290044	15290049	6.67	310 3-	1/0 ACSR	6/1	1113	991	790	168	1338	58	26	0.08	6.20	113
15290046	15290044	6.72	1 1-	2 ACSR	6/1	0	0	782	168	3	0	0	0.00	8.16	0
15290045	15290044	6.74	1 1-	2 ACSR	6/1	0	0	780	168	4	0	0	0.00	6.94	0
20851540	15290044	6.72	308 3-	1/0 ACSR	6/1	1104	982	783	168	1330	58	26	0.04	6.24	53
15290035	20851540	6.77	307 3-	1/0 ACSR	6/1	1095	975	777	168	1323	58	25	0.04	6.27	48
15290036	15290035	7.01	306 3-	1/0 ACSR	6/1	1053	936	747	166	1320	58	25	0.18	6.45	247
15290030	15290036	7.07	284 3-	1/0 ACSR	6/1	1044	927	740	166	1247	55	24	0.05	6.50	51
15290037	15290030	7.08	284 3-	1/0 ACSR	6/1	1041	925	739	166	1246	55	24	0.01	6.50	12
R15-29-P43	15290037	7.08	284 3-	REGU-167		1041	925	739	166	1246	55	25	-4.85	2.40	0
15290038	R15-29-P43	7.12	284 3-	1/0 ACSR	6/1	1035	920	735	166	1246	53	23	0.03	2.42	30
15290052	15290038	7.17	1 1-	2 ACSR	6/1	0	0	728	166	3	0	0	0.00	2.41	0
15290043	15290052	7.22	0 0-	2 ACSR	6/1	0	0	722	165	0	0	0	0.00	2.41	0
15290055	15290043	7.37	0 1-	2 ACSR	6/1	0	0	703	164	0	0	0	0.00	2.41	0
15290032	15290038	7.20	283 3-	1/0 ACSR	6/1	1023	908	726	165	1243	53	23	0.06	2.48	67
15290033	15290032	7.39	0 1-	2 ACSR	6/1	0	0	701	164	0	0	0	0.00	2.50	0
15290034	15290032	7.31	282 3-	1/0 ACSR	6/1	1005	892	713	165	1235	52	23	0.09	2.55	92
15290040	15290034	7.50	281 3-	1/0 ACSR	6/1	978	867	694	164	1232	52	23	0.15	2.68	152
15290041	15290040	7.52	279 3-	1/0 ACSR	6/1	974	864	692	164	1228	52	23	0.02	2.69	19
C15-29-P37	15290041	7.52	0 3-	Capacitor		974	864	692	164	0	-13	0	0.00	2.69	0
15290031	15290041	7.68	279 3-	1/0 ACSR	6/1	952	844	676	163	1228	52	23	0.15	2.82	129
15190031	15290031	7.73	278 3-	1/0 ACSR	6/1	945	837	671	163	1224	52	23	0.06	2.87	48
15190032	15190031	7.82	9 1-	2 ACSR	6/1	0	0	661	162	50	6	4	0.02	2.69	0
15190033	15190032	8.05	5 1-	2 ACSR	6/1	0	0	637	161	29	3	2	0.02	2.71	0
15190034	15190033	8.15	4 1-	2 ACSR	6/1	0	0	626	160	26	3	2	0.01	2.72	0
15190063	15190034	8.23	2 1-	2 ACSR	6/1	0	0	618	160	15	1	1	0.00	2.73	0
15190061	15190034	8.23	2 1-	2 ACSR	6/1	0	0	618	160	11	1	1	0.00	2.73	0
15180028	15190061	8.27	1 1-	2 ACSR	6/1	0	0	614	159	9	1	1	0.00	2.73	0
15190037	15190033	8.14	1 1-	2 ACSR	6/1	0	0	627	160	3	0	0	0.00	2.71	0
15190052	15190032	7.88	4 1-	2 ACSR	6/1	0	0	654	162	21	2	2	0.00	2.69	0
15190053	15190052	8.00	3 1-	2 ACSR	6/1	0	0	642	161	15	1	1	0.01	2.70	0
15190060	15190053	8.04	1 1-	2 ACSR	6/1	0	0	637	161	6	0	0	0.00	2.70	0
15190070	15190053	8.06	2 1-	2 ACSR	6/1	0	0	635	161	8	1	1	0.00	2.70	0
15190050	15190031	7.83	269 3-	1/0 ACSR	6/1	932	825	662	163	1173	50	22	0.08	2.95	72
15190051	15190050	7.86	268 3-	1/0 ACSR	6/1	928	821	659	162	1171	50	22	0.03	2.98	28
15190049	15190051	7.91	1 1-	2 ACSR	6/1	0	0	653	162	4	0	0	0.00	3.07	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LROP	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
15190036	15190051	7.87	267 3-	1/0 ACSR 6/1	926	820	658	162	1166	50	22	0.01	2.98	8
15-19-P094-B	15190036	7.87	267 3-	Closed	926	820	658	162	1166	50	20	0.00	2.98	0
15-19-P094-A	15-19-P094-B	7.87	267 3-	Closed	926	820	658	162	1166	50	0	0.00	2.98	0
15190073	15-19-P094-A	7.98	267 3-	1/0 ACSR 6/1	913	808	648	162	1166	50	22	0.10	3.07	81
15190074	15190073	8.01	266 3-	1/0 ACSR 6/1	908	803	645	162	1163	50	22	0.04	3.10	30
15190057	15190074	8.12	261 3-	1/0 ACSR 6/1	895	791	635	161	1146	49	22	0.10	3.19	82
15190055	15190057	8.19	1 1-	2 ACSR 6/1	0	0	628	161	4	0	0	0.00	3.31	0
15190041	15190057	8.20	260 3-	1/0 ACSR 6/1	886	783	629	161	1141	49	22	0.07	3.24	54
15190054	15190041	8.27	259 3-	1/0 ACSR 6/1	878	776	623	160	1134	49	21	0.06	3.30	52
15190040	15190054	8.43	258 3-	1/0 ACSR 6/1	859	759	610	160	1133	49	21	0.15	3.43	121
D15-19-P040	15190040	8.43	258 3-	REC-50-H	859	759	610	160	1132	49	98	0.00	3.43	0
15190048	D15-19-P040	8.46	258 3-	1/0 ACSR 6/1	855	756	608	160	1132	49	21	0.03	3.45	22
15190039	15190048	8.51	257 3-	1/0 ACSR 6/1	850	751	604	159	1125	48	21	0.04	3.49	35
15190047	15190039	8.57	257 3-	1/0 ACSR 6/1	843	745	599	159	1124	48	21	0.05	3.53	44
15190046	15190047	8.65	256 3-	1/0 ACSR 6/1	835	737	593	159	1122	48	21	0.07	3.59	58
15190076	15190046	8.72	0 1-	2 ACSR 6/1	0	0	587	158	0	0	0	0.00	3.97	0
15190044	15190046	8.74	253 3-	1/0 ACSR 6/1	825	728	586	158	1107	48	21	0.08	3.67	67
15190045	15190044	8.82	251 3-	1/0 ACSR 6/1	818	721	581	158	1102	47	21	0.06	3.72	52
15190038	15190045	8.91	250 3-	1/0 ACSR 6/1	808	713	575	158	1094	47	21	0.08	3.79	65
15090013	15190038	8.93	248 3-	1/0 ACSR 6/1	806	711	573	157	1089	47	21	0.02	3.81	18
15090014	15090013	8.98	246 3-	1/0 ACSR 6/1	801	707	570	157	1075	46	20	0.04	3.84	29
15090015	15090014	9.05	1 1-	2 ACSR 6/1	0	0	563	157	11	1	1	0.00	4.32	0
15090011	15090014	9.05	244 3-	1/0 ACSR 6/1	794	700	565	157	1054	45	20	0.06	3.90	50
15090012	15090011	9.13	242 3-	1/0 ACSR 6/1	787	693	559	157	1037	45	20	0.07	3.95	53
15090009	15090012	9.30	0 1-	2 ACSR 6/1	0	0	546	156	0	0	0	0.00	4.20	0
15090008	15090012	9.16	0 1-	2 ACSR 6/1	0	0	557	156	0	0	0	0.00	4.49	0
15090006	15090012	9.23	242 3-	1/0 ACSR 6/1	777	685	553	156	1036	45	20	0.09	4.03	68
15090010	15090006	9.28	0 1-	2 ACSR 6/1	0	0	549	156	0	0	0	0.00	4.60	0
15090007	15090006	9.34	242 3-	1/0 ACSR 6/1	767	676	546	156	1035	45	20	0.09	4.10	73
20851870	15090007	9.43	241 3-	1/0 ACSR 6/1	759	669	540	155	1031	45	20	0.08	4.17	59
20851871	20851870	9.49	239 3-	1/0 ACSR 6/1	754	664	536	155	1021	44	19	0.05	4.21	39
20851872	20851871	9.52	235 3-	1/0 ACSR 6/1	751	661	534	155	1008	44	19	0.03	4.23	22
20852254	20851872	9.56	234 3-	1/0 ACSR 6/1	747	658	532	155	1001	43	19	0.03	4.26	26
20852253	20852254	9.62	1 1-	2 ACSR 6/1	0	0	528	154	6	0	0	0.00	4.96	0
20852252	20852254	9.73	232 3-	1/0 ACSR 6/1	734	646	522	154	993	43	19	0.14	4.37	104
20851716	20852252	9.80	231 3-	1/0 ACSR 6/1	728	640	518	154	985	43	19	0.06	4.42	45
20851717	20851716	9.84	21 1-	2 ACSR 6/1	0	0	515	153	130	17	10	0.02	4.79	2
D16-02-P031	20851717	9.84	21 1-	REC-35-H	0	0	515	153	130	17	49	0.00	4.79	0
20851563	D16-02-P031	9.87	2 1-	2 ACSR 6/1	0	0	513	153	18	2	1	0.00	4.79	0
20851762	20851563	9.91	1 1-	2 ACSR 6/1	0	0	510	153	6	0	0	0.00	4.79	0
20851763	20851762	9.97	1 1-	2 ACSR 6/1	0	0	506	153	6	0	0	0.00	4.79	0
16020016	D16-02-P031	9.92	19 1-	2 ACSR 6/1	0	0	510	153	113	14	8	0.03	4.82	3
10920017	16020016	9.97	15 1-	2 ACSR 6/1	0	0	506	153	86	11	6	0.02	4.84	1
10920018	10920017	10.03	15 1-	2 ACSR 6/1	0	0	503	152	86	11	6	0.02	4.86	0
10920019	10920018	10.13	14 1-	2 ACSR 6/1	0	0	496	152	77	10	6	0.03	4.89	2
10920020	10920019	10.44	1 1-	2 ACSR 6/1	0	0	477	150	14	1	1	0.01	4.90	0
10920012	10920019	10.38	13 1-	2 ACSR 6/1	0	0	480	150	64	8	5	0.06	4.95	3
10920021	10920012	10.49	1 1-	2 ACSR 6/1	0	0	474	150	7	0	0	0.00	4.95	0
10920014	10920012	10.59	12 1-	2 ACSR 6/1	0	0	468	149	57	7	4	0.04	4.99	2
10820040	10920014	10.71	9 1-	2 ACSR 6/1	0	0	462	148	43	5	3	0.02	5.01	0
10820059	10820040	10.82	6 1-	2 ACSR 6/1	0	0	456	148	27	3	2	0.01	5.02	0
10820060	10820059	10.91	5 1-	2 ACSR 6/1	0	0	450	147	27	3	2	0.01	5.03	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10820061	10820060	11.25	4 1-	2 ACSR 6/1	0	0	433	145	24	3	2	0.03	5.06	0
9890009	10820061	11.38	2 1-	2 ACSR 6/1	0	0	427	145	20	2	1	0.01	5.07	0
9890017	9890009	11.44	1 1-	2 ACSR 6/1	0	0	424	144	11	1	1	0.00	5.07	0
9890011	9890017	11.50	0 1-	2 ACSR 6/1	0	0	421	144	0	0	0	0.00	5.07	0
9890010	9890017	13.04	0 1-	2 ACSR 6/1	0	0	359	136	0	0	0	0.00	5.07	0
9890008	9890009	11.51	1 1-	2 ACSR 6/1	0	0	420	144	9	1	1	0.00	5.07	0
9890012	10820061	11.29	2 1-	2 ACSR 6/1	0	0	431	145	4	0	0	0.00	5.06	0
9890013	9890012	11.39	1 1-	2 ACSR 6/1	0	0	426	145	2	0	0	0.00	5.06	0
9890014	9890013	11.41	0 1-	2 ACSR 6/1	0	0	425	144	0	0	0	0.00	5.06	0
10820038	10820040	10.76	1 1-	2 ACSR 6/1	0	0	458	148	3	0	0	0.00	5.01	0
10820037	10820040	10.80	2 1-	2 ACSR 6/1	0	0	456	148	13	1	1	0.00	5.01	0
10820039	10920014	10.68	1 1-	2 ACSR 6/1	0	0	463	149	6	0	0	0.00	4.99	0
10920015	16020016	9.94	4 1-	2 ACSR 6/1	0	0	508	153	26	3	2	0.00	4.82	0
10920016	10920015	10.04	2 1-	2 ACSR 6/1	0	0	502	152	15	1	1	0.00	4.83	0
20851915	20851716	9.86	208 3-	1/0 ACSR 6/1	723	636	514	153	840	36	16	0.03	4.46	28
20851765	20851915	9.92	205 3-	1/0 ACSR 6/1	718	631	511	153	819	35	16	0.03	4.49	26
20851767	20851765	10.01	202 3-	1/0 ACSR 6/1	711	625	506	153	798	34	15	0.04	4.54	37
20851768	20851767	10.28	201 3-	1/0 ACSR 6/1	691	607	492	152	786	34	15	0.11	4.69	110
20851865	20851768	10.39	200 3-	1/0 ACSR 6/1	683	600	486	151	778	34	15	0.05	4.75	46
20851867	20851865	10.43	2 1-	2 ACSR 6/1	0	0	484	151	20	2	1	0.00	5.03	0
20851868	20851867	10.66	1 1-	2 ACSR 6/1	0	0	470	150	9	1	1	0.00	5.04	0
20851866	20851865	10.46	2 1-	2 ACSR 6/1	0	0	482	151	10	1	1	0.00	3.41	0
16020014	20851865	10.45	196 3-	1/0 ACSR 6/1	678	596	483	151	747	32	14	0.02	4.78	25
16020015	16020014	10.79	0 1-	2 ACSR 6/1	0	0	464	149	0	0	0	0.00	5.87	0
16120011	16020015	10.94	0 1-	2 ACSR 6/1	0	0	455	148	0	0	0	0.00	5.87	0
16120010	16020015	11.48	0 1-	2 ACSR 6/1	0	0	428	145	0	0	0	0.00	5.87	0
16020013	16020014	10.61	196 3-	1/0 ACSR 6/1	667	586	475	150	747	32	14	0.06	4.86	63
16120013	16020013	10.66	4 1-	2 ACSR 6/1	0	0	472	150	23	3	2	0.00	3.45	0
16120014	16120013	10.68	2 1-	2 ACSR 6/1	0	0	471	150	16	2	1	0.00	3.45	0
16120015	16120014	10.74	1 1-	2 ACSR 6/1	0	0	468	150	12	1	1	0.00	3.45	0
16120012	16020013	10.68	192 3-	1/0 ACSR 6/1	662	582	472	150	723	31	14	0.02	4.89	26
16120019	16120012	10.75	191 3-	1/0 ACSR 6/1	658	578	469	150	713	31	14	0.02	4.93	26
16130049	16120019	10.78	189 3-	1/0 ACSR 6/1	656	576	467	150	691	30	13	0.01	4.94	13
16130067	16130049	10.87	188 3-	1/0 ACSR 6/1	650	571	463	149	690	30	13	0.03	4.99	34
16130019	16130067	11.26	0 1-	2 ACSR 6/1	0	0	442	147	0	0	0	0.00	6.30	0
16130050	16130067	10.90	188 3-	1/0 ACSR 6/1	648	569	462	149	689	30	13	0.01	5.00	14
16130037	16130050	11.02	186 3-	1/0 ACSR 6/1	640	562	456	149	686	30	13	0.04	5.06	44
16130027	16130037	11.27	182 3-	1/0 ACSR 6/1	625	548	445	148	673	29	13	0.09	5.18	94
16130028	16130027	11.37	181 3-	1/0 ACSR 6/1	619	543	441	147	666	29	13	0.03	5.22	36
16130043	16130028	11.44	3 1-	2 ACSR 6/1	0	0	438	147	7	0	1	0.00	5.38	0
16130044	16130043	11.51	1 1-	2 ACSR 6/1	0	0	434	146	4	0	0	0.00	5.38	0
16130017	16130028	11.42	178 3-	1/0 ACSR 6/1	616	540	439	147	659	29	13	0.02	5.24	18
16130042	16130017	11.47	1 1-	2 ACSR 6/1	0	0	436	147	6	0	0	0.00	6.88	0
16130018	16130017	11.59	177 3-	1/0 ACSR 6/1	606	531	432	146	652	28	13	0.06	5.32	60
16130045	16130018	11.67	1 1-	2 ACSR 6/1	0	0	428	146	3	0	0	0.00	5.45	0
16130025	16130018	11.64	176 3-	1/0 ACSR 6/1	603	529	430	146	649	28	13	0.02	5.34	18
16130046	16130025	11.83	59 1-	2 ACSR 6/1	0	0	421	145	204	27	15	0.14	7.25	24
D16-13-P026	16130046	11.83	58 1-	RBC-35-H	0	0	421	145	201	26	77	0.00	7.25	0
16130029	D16-13-P026	11.93	58 1-	2 ACSR 6/1	0	0	417	145	201	26	15	0.08	7.32	13
16230013	16130029	12.01	57 1-	2 ACSR 6/1	0	0	413	144	198	26	15	0.07	7.39	11
16230016	16230013	12.10	56 1-	2 ACSR 6/1	0	0	409	144	195	26	15	0.07	7.46	11
16230017	16230016	12.22	53 1-	2 ACSR 6/1	0	0	404	143	190	25	14	0.08	7.54	13

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D16-23-P006	16230017	12.22	15 1-	FUS	0	0	404	143	68	9 208	0.00	7.54	0	
16230028	D16-23-P006	12.30	15 1-	2 ACSR 6/1	0	0	400	142	68	9 5	0.02	7.57	1	
16230018	16230028	12.38	2 1-	2 ACSR 6/1	0	0	397	142	14	1 1	0.00	7.57	0	
16230012	16230028	12.36	13 1-	2 ACSR 6/1	0	0	398	142	54	7 4	0.01	7.58	0	
16230020	16230012	12.42	13 1-	2 ACSR 6/1	0	0	396	142	54	7 4	0.01	7.59	0	
16230023	16230020	12.46	12 1-	2 ACSR 6/1	0	0	394	142	52	6 4	0.01	7.60	0	
16230022	16230023	12.59	3 1-	2 ACSR 6/1	0	0	389	141	21	2 2	0.01	7.60	0	
16220014	16230022	12.67	1 1-	2 ACSR 6/1	0	0	385	141	10	1 1	0.00	7.61	0	
16220015	16220014	12.70	1 1-	2 ACSR 6/1	0	0	384	140	10	1 1	0.00	7.61	0	
16230021	16230023	12.56	8 1-	2 ACSR 6/1	0	0	390	141	29	3 2	0.01	7.61	0	
16220017	16230021	12.86	6 1-	2 ACSR 6/1	0	0	378	140	24	3 2	0.02	7.63	0	
16120016	16220017	12.97	3 1-	2 ACSR 6/1	0	0	374	139	13	1 1	0.00	7.63	0	
16120017	16120016	13.01	1 1-	2 ACSR 6/1	0	0	373	139	0	0 0	0.00	7.63	0	
16120018	16120017	13.21	0 1-	2 ACSR 6/1	0	0	365	138	0	0 0	0.00	7.63	0	
16220013	16230021	12.62	1 1-	2 ACSR 6/1	0	0	388	141	3	0 0	0.00	7.61	0	
16230019	16230012	12.43	0 1-	2 ACSR 6/1	0	0	395	142	0	0 0	0.00	7.58	0	
16230024	16230017	12.32	38 1-	2 ACSR 6/1	0	0	400	142	122	16 9	0.05	7.59	5	
20850213	16230024	12.61	37 1-	2 ACSR 6/1	0	0	388	141	121	16 9	0.13	7.73	13	
20850235	20850213	12.69	37 1-	2 ACSR 6/1	0	0	385	140	120	16 9	0.04	7.76	4	
20850237	20850235	12.86	1 1-	2 ACSR 6/1	0	0	378	140	8	1 1	0.00	7.77	0	
20850236	20850235	12.79	34 1-	2 ACSR 6/1	0	0	381	140	112	15 8	0.04	7.81	4	
16230026	20850236	13.04	33 1-	2 ACSR 6/1	0	0	371	139	103	13 8	0.10	7.90	8	
16330010	16230026	13.35	32 1-	2 ACSR 6/1	0	0	361	137	91	12 7	0.11	8.01	8	
D16-33-P005	16330010	13.35	1 1-	FUS-5	0	0	361	137	3	0 10	0.00	8.01	0	
16330018	D16-33-P005	13.45	1 1-	2 ACSR 6/1	0	0	357	137	3	0 0	0.00	8.01	0	
16330016	16330018	13.65	0 1-	2 ACSR 6/1	0	0	350	136	0	0 0	0.00	8.01	0	
16330004	16330018	13.54	1 1-	2 ACSR 6/1	0	0	354	136	3	0 0	0.00	8.01	0	
16330017	16330004	13.59	1 1-	2 ACSR 6/1	0	0	352	136	3	0 0	0.00	8.01	0	
16330011	16330004	13.64	0 1-	2 ACSR 6/1	0	0	351	136	0	0 0	0.00	8.01	0	
16330021	16330011	13.69	0 1-	2 ACSR 6/1	0	0	349	135	0	0 0	0.00	8.01	0	
16330022	16330021	13.81	0 1-	2 ACSR 6/1	0	0	345	135	0	0 0	0.00	8.01	0	
16230029	16330022	14.01	0 1-	2 ACSR 6/1	0	0	339	134	0	0 0	0.00	8.01	0	
16230030	16230029	14.17	0 1-	2 ACSR 6/1	0	0	334	133	0	0 0	0.00	8.01	0	
16230031	16230030	14.40	0 1-	2 ACSR 6/1	0	0	328	132	0	0 0	0.00	8.01	0	
16240003	16230031	14.73	0 1-	2 ACSR 6/1	0	0	319	131	0	0 0	0.00	8.01	0	
16240001	16240003	14.79	0 1-	2 ACSR 6/1	0	0	317	130	0	0 0	0.00	8.01	0	
16240002	16240001	14.83	0 1-	2 ACSR 6/1	0	0	316	130	0	0 0	0.00	8.01	0	
20850239	16240003	14.94	0 1-	2 ACSR 6/1	0	0	313	130	0	0 0	0.00	8.01	0	
16330019	16330010	13.52	31 1-	2 ACSR 6/1	0	0	355	136	88	11 7	0.06	8.07	4	
16330020	16330019	13.63	31 1-	2 ACSR 6/1	0	0	351	136	88	11 7	0.04	8.11	3	
16330008	16330020	13.74	24 1-	2 ACSR 6/1	0	0	348	135	76	10 6	0.03	8.14	2	
16330013	16330008	13.82	21 1-	2 ACSR 6/1	0	0	345	135	66	8 5	0.02	8.16	1	
16330014	16330013	13.92	20 1-	2 ACSR 6/1	0	0	342	134	61	8 5	0.02	8.18	1	
16330005	16330014	14.05	16 1-	2 ACSR 6/1	0	0	338	134	37	5 3	0.02	8.20	0	
20850472	16330005	14.12	16 1-	2 ACSR 6/1	0	0	336	133	37	5 3	0.01	8.21	0	
20850473	20850472	14.16	15 1-	2 ACSR 6/1	0	0	335	133	36	4 3	0.00	8.22	0	
20850474	20850473	14.24	14 1-	2 ACSR 6/1	0	0	332	133	30	3 2	0.01	8.22	0	
20850475	20850474	14.36	13 1-	2 ACSR 6/1	0	0	329	132	27	3 2	0.01	8.24	0	
D16-43-P030	20850475	14.36	11 1-	FUS	0	0	329	132	24	3 74	0.00	8.24	0	
16430006	D16-43-P030	14.85	11 1-	2 ACSR 6/1	0	0	315	130	24	3 2	0.05	8.28	0	
20850851	16430006	14.92	11 1-	2 ACSR 6/1	0	0	313	130	24	3 2	0.01	8.29	0	
20850885	20850851	15.13	11 1-	2 ACSR 6/1	0	0	308	129	24	3 2	0.02	8.31	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850886	20850885	15.33	5 1-	2 ACSR 6/1	0	0	303	128	7	0	1	0.00	8.31	0
20851074	20850886	15.42	2 1-	2 ACSR 6/1	0	0	301	128	3	0	0	0.00	8.32	0
20851075	20851074	15.50	1 1-	2 ACSR 6/1	0	0	299	127	1	0	0	0.00	8.32	0
20851051	20851075	15.54	1 1-	2 ACSR 6/1	0	0	298	127	1	0	0	0.00	8.32	0
20850887	20850886	15.36	2 1-	2 ACSR 6/1	0	0	302	128	3	0	0	0.00	8.32	0
20851073	20850887	15.47	1 1-	2 ACSR 6/1	0	0	300	127	3	0	0	0.00	8.32	0
20851052	20850885	15.29	6 1-	2 ACSR 6/1	0	0	304	128	17	2	1	0.01	8.32	0
20851054	20851052	15.48	2 1-	2 ACSR 6/1	0	0	299	127	7	0	0	0.00	8.32	0
20851055	20851054	15.53	1 1-	2 ACSR 6/1	0	0	298	127	4	0	0	0.00	8.33	0
20851053	20851052	15.42	3 1-	2 ACSR 6/1	0	0	301	128	10	1	1	0.00	8.33	0
20851317	20851053	15.47	1 1-	2 ACSR 6/1	0	0	300	127	4	0	0	0.00	8.33	0
20851315	20851053	15.54	2 1-	2 ACSR 6/1	0	0	298	127	5	0	0	0.00	8.33	0
20851316	20851315	15.79	1 1-	2 ACSR 6/1	0	0	292	126	0	0	0	0.00	8.33	0
16440003	16430006	14.90	0 1-	2 ACSR 6/1	0	0	314	130	0	0	0	0.00	8.28	0
20850476	20850475	14.39	1 1-	2 ACSR 6/1	0	0	328	132	1	0	0	0.00	8.24	0
20850471	20850475	14.64	1 1-	2 ACSR 6/1	0	0	321	131	1	0	0	0.00	8.24	0
16330009	16330014	13.97	4 1-	2 ACSR 6/1	0	0	340	134	24	3	2	0.00	8.19	0
16330012	16330009	14.02	3 1-	2 ACSR 6/1	0	0	339	134	18	2	1	0.00	8.19	0
16330006	16330020	13.69	4 1-	2 ACSR 6/1	0	0	349	135	9	1	1	0.00	8.11	0
16330015	16330006	13.84	2 1-	2 ACSR 6/1	0	0	344	135	5	0	0	0.00	8.11	0
16330007	16330006	13.79	1 1-	2 ACSR 6/1	0	0	346	135	3	0	0	0.00	8.11	0
20850238	20850236	12.87	1 1-	2 ACSR 6/1	0	0	378	140	8	1	1	0.00	7.81	0
20850212	16230024	12.38	1 1-	2 ACSR 6/1	0	0	397	142	1	0	0	0.00	7.59	0
16230025	16230024	12.39	0 1-	2 ACSR 6/1	0	0	397	142	0	0	0	0.00	7.59	0
16230015	16230016	12.17	2 1-	2 ACSR 6/1	0	0	406	143	3	0	0	0.00	7.46	0
16230014	16230013	12.07	1 1-	2 ACSR 6/1	0	0	411	144	3	0	0	0.00	7.39	0
16130020	16130025	11.69	117 3-	2 ACSR 6/1	600	526	428	146	445	19	11	0.03	5.36	11
16-13-P097-B	16130020	11.69	117 3-	Closed	600	526	428	146	445	19	0	0.00	5.36	0
16-13-P097-A	16-13-P097-B	11.69	117 3-	Closed	600	526	428	146	445	19	0	0.00	5.36	0
16130055	16-13-P097-A	11.73	117 3-	2 ACSR 6/1	597	523	426	146	445	19	11	0.04	5.39	12
16130056	16130055	11.93	116 3-	2 ACSR 6/1	583	511	417	145	444	19	11	0.16	5.48	49
16130023	16130056	12.00	113 3-	2 ACSR 6/1	579	507	414	144	428	18	11	0.05	5.51	15
16130047	16130023	12.29	4 1-	2 ACSR 6/1	0	0	401	143	12	1	1	0.01	5.76	0
16130057	16130047	12.36	1 1-	2 ACSR 6/1	0	0	398	142	5	0	0	0.00	5.76	0
16130058	16130057	12.60	0 1-	2 ACSR 6/1	0	0	388	141	0	0	0	0.00	5.76	0
16130048	16130047	12.42	0 1-	2 ACSR 6/1	0	0	395	142	0	0	0	0.00	5.76	0
16130024	16130023	12.10	109 3-	2 ACSR 6/1	572	501	409	144	415	18	10	0.07	5.55	21
16130062	16130024	12.15	2 1-	2 ACSR 6/1	0	0	407	143	1	0	0	0.00	5.82	0
16130053	16130024	12.16	4 1-	2 ACSR 6/1	0	0	406	143	11	1	1	0.00	7.40	0
16130059	16130053	12.19	2 1-	2 ACSR 6/1	0	0	405	143	6	0	0	0.00	7.40	0
16130070	16130059	12.25	1 1-	2 ACSR 6/1	0	0	403	143	4	0	0	0.00	7.40	0
16130069	16130059	12.21	1 1-	2 ACSR 6/1	0	0	404	143	2	0	0	0.00	7.40	0
16130030	16130024	12.17	103 3-	2 ACSR 6/1	568	496	406	143	403	17	10	0.05	5.58	15
16130031	16130030	12.21	102 3-	2 ACSR 6/1	565	494	404	143	401	17	10	0.03	5.60	9
16130035	16130031	12.25	2 1-	2 ACSR 6/1	0	0	403	143	4	0	0	0.00	7.47	0
16130021	16130031	12.28	100 3-	2 ACSR 6/1	561	490	401	143	397	17	10	0.05	5.63	14
16130032	16130021	12.33	1 1-	2 ACSR 6/1	0	0	399	142	1	0	0	0.00	7.51	0
16130022	16130021	12.37	99 3-	2 ACSR 6/1	555	485	397	142	395	17	10	0.07	5.67	18
16130034	16130022	12.53	98 3-	2 ACSR 6/1	546	476	391	141	381	16	9	0.12	5.73	29
16130066	16130034	12.55	97 3-	2 ACSR 6/1	544	475	390	141	379	16	9	0.02	5.74	4
D16-13-P057	16130066	12.55	97 3-	RBC-35-H	544	475	390	141	379	16	48	0.00	5.74	0
16130065	D16-13-P057	12.58	97 3-	2 ACSR 6/1	543	474	389	141	379	16	9	0.02	5.75	5

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16130061	16130065	12.63	90 3-	2 ACSR 6/1	540	471	387	141	369	16	9	0.04	5.77	10
D16-03-P015	16130061	12.63	5 1-	FUS	0	0	387	141	13	1	38	0.00	6.21	0
16030012	D16-03-P015	12.79	5 1-	2 ACSR 6/1	0	0	381	140	13	1	1	0.01	6.22	0
20852321	16030012	12.86	4 1-	2 ACSR 6/1	0	0	378	140	9	1	1	0.00	6.22	0
20852320	20852321	12.89	3 1-	2 ACSR 6/1	0	0	377	139	8	1	1	0.00	6.22	0
20852259	20852320	13.07	1 1-	2 ACSR 6/1	0	0	370	139	0	0	0	0.00	6.22	0
20852260	20852259	13.13	0 1-	2 ACSR 6/1	0	0	368	138	0	0	0	0.00	6.22	0
20852261	20852320	12.98	2 1-	2 ACSR 6/1	0	0	374	139	8	1	1	0.00	6.22	0
20852262	20852261	13.03	1 1-	2 ACSR 6/1	0	0	372	139	1	0	0	0.00	6.22	0
16030011	16130061	12.66	2 1-	2 ACSR 6/1	0	0	386	141	15	2	1	0.00	7.70	0
16130054	16030011	12.70	1 1-	2 ACSR 6/1	0	0	384	140	8	1	1	0.00	7.70	0
20852264	16130061	12.68	82 3-	2 ACSR 6/1	537	468	385	141	332	14	8	0.03	5.79	8
16030007	20852264	12.70	80 3-	2 ACSR 6/1	536	467	384	140	314	13	8	0.01	5.80	3
16030008	16030007	12.71	79 3-	2 ACSR 6/1	535	467	384	140	311	13	8	0.01	5.80	2
16030009	16030008	12.80	2 1-	2 ACSR 6/1	0	0	380	140	7	0	1	0.00	6.27	0
16030006	16030008	13.14	77 3-	2 ACSR 6/1	511	445	368	138	303	13	7	0.27	5.94	60
16040049	16030006	13.19	60 3-	2 ACSR 6/1	509	443	366	138	201	8	5	0.03	5.95	5
16040050	16040049	13.24	58 3-	2 ACSR 6/1	507	441	364	138	193	8	5	0.03	5.96	5
16040040	16040050	13.29	3 1-	2 ACSR 6/1	0	0	363	137	13	1	1	0.00	6.60	0
16040044	16040040	13.34	1 1-	2 ACSR 6/1	0	0	361	137	3	0	0	0.00	6.60	0
16040045	16040044	13.41	1 1-	2 ACSR 6/1	0	0	359	137	3	0	0	0.00	6.60	0
16040041	16040040	13.35	2 1-	2 ACSR 6/1	0	0	361	137	9	1	1	0.00	6.61	0
16040043	16040041	13.44	2 1-	2 ACSR 6/1	0	0	357	137	9	1	1	0.00	6.61	0
16040042	16040041	13.39	0 1-	2 ACSR 6/1	0	0	359	137	0	0	0	0.00	6.61	0
16040026	16040050	13.34	55 1-	2 ACSR 6/1	0	0	361	137	181	24	13	0.07	6.67	10
16040027	16040026	13.43	50 1-	2 ACSR 6/1	0	0	358	137	169	22	12	0.06	6.73	8
16040037	16040027	13.55	47 1-	2 ACSR 6/1	0	0	354	136	159	21	12	0.07	6.80	9
10940027	16040037	13.57	42 1-	2 ACSR 6/1	0	0	353	136	147	19	11	0.01	6.81	1
10940030	10940027	13.60	41 1-	2 ACSR 6/1	0	0	352	136	144	19	11	0.02	6.83	2
D10-94-P009	10940030	13.60	40 1-	SEC	0	0	352	136	142	18	0	0.00	6.83	0
10940046	D10-94-P009	13.63	40 1-	2 ACSR 6/1	0	0	351	136	142	18	11	0.02	6.85	2
10940032	10940046	13.72	5 1-	2 ACSR 6/1	0	0	348	135	26	3	2	0.01	6.86	0
10940029	10940032	13.76	1 1-	2 ACSR 6/1	0	0	347	135	6	0	0	0.00	6.86	0
10940033	10940032	13.84	4 1-	2 ACSR 6/1	0	0	344	135	21	2	2	0.01	6.87	0
10940034	10940033	13.89	3 1-	2 ACSR 6/1	0	0	343	135	15	1	1	0.00	6.87	0
10940025	10940034	14.05	1 1-	2 ACSR 6/1	0	0	338	134	6	0	0	0.00	6.87	0
10940026	10940025	14.09	1 1-	2 ACSR 6/1	0	0	337	134	6	0	0	0.00	6.87	0
10940022	10940034	14.05	2 1-	2 ACSR 6/1	0	0	338	134	8	1	1	0.01	6.87	0
D10-94-P062	10940022	14.05	2 1-	FUS-10	0	0	338	134	8	1	12	0.00	6.87	0
10940024	D10-94-P062	14.92	2 1-	2 ACSR 6/1	0	0	313	130	8	1	1	0.03	6.90	0
10830009	10940024	14.96	1 1-	2 ACSR 6/1	0	0	312	130	5	0	0	0.00	6.90	0
10830010	10830009	15.08	1 1-	2 ACSR 6/1	0	0	309	129	5	0	0	0.00	6.90	0
10830008	10940024	15.02	1 1-	2 ACSR 6/1	0	0	311	129	4	0	0	0.00	6.90	0
10940031	10940046	13.71	31 1-	2 ACSR 6/1	0	0	349	135	105	14	8	0.03	6.88	2
10940036	10940031	13.74	31 1-	2 ACSR 6/1	0	0	348	135	105	14	8	0.01	6.89	0
10940037	10940036	13.77	30 1-	2 ACSR 6/1	0	0	347	135	95	12	7	0.01	6.90	0
10940038	10940037	13.82	29 1-	2 ACSR 6/1	0	0	345	135	88	11	7	0.02	6.92	1
10940039	10940038	13.86	1 1-	2 ACSR 6/1	0	0	344	135	8	1	1	0.00	6.92	0
10940023	10940038	13.98	28 1-	2 ACSR 6/1	0	0	340	134	79	10	6	0.05	6.97	3
10940043	10940023	14.63	1 1-	2 ACSR 6/1	0	0	321	131	2	0	0	0.00	6.97	0
10940041	10940023	14.09	27 1-	2 ACSR 6/1	0	0	337	134	77	10	6	0.03	7.00	2
10940042	10940041	14.13	2 1-	2 ACSR 6/1	0	0	335	133	8	1	1	0.00	7.00	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10940047	10940041	14.22	23 1-	2 ACSR 6/1	0	0	333	133	63	8	5	0.03	7.03	2
10940048	10940047	14.35	23 1-	2 ACSR 6/1	0	0	329	132	63	8	5	0.03	7.06	1
10950013	10940048	14.38	22 1-	2 ACSR 6/1	0	0	328	132	61	8	5	0.01	7.07	0
10950014	10950013	14.42	5 1-	2 ACSR 6/1	0	0	327	132	13	1	1	0.00	7.07	0
10950012	10950013	14.45	15 1-	2 ACSR 6/1	0	0	326	132	37	4	3	0.01	7.08	0
10950008	10950012	14.52	12 1-	2 ACSR 6/1	0	0	324	132	27	3	2	0.01	7.09	0
10950009	10950008	14.59	9 1-	2 ACSR 6/1	0	0	322	131	21	2	2	0.00	7.09	0
10950010	10950009	14.62	6 1-	2 ACSR 6/1	0	0	321	131	10	1	1	0.00	7.09	0
10950011	10950010	14.68	3 1-	2 ACSR 6/1	0	0	320	131	6	0	0	0.00	7.09	0
10940040	10940041	14.31	1 1-	2 ACSR 6/1	0	0	330	133	5	0	0	0.00	7.00	0
10940035	10940031	13.76	0 1-	2 ACSR 6/1	0	0	347	135	0	0	0	0.00	6.88	0
10940028	16040037	13.62	1 1-	2 ACSR 6/1	0	0	352	136	8	1	1	0.00	6.80	0
16040028	16040027	13.59	1 1-	2 ACSR 6/1	0	0	352	136	3	0	0	0.00	6.73	0
16040039	16040028	13.77	1 1-	15 KV 2 URD XLP	0	0	348	226	3	0	0	0.00	6.73	0
16040047	16040026	13.37	3 1-	2 ACSR 6/1	0	0	360	137	6	0	0	0.00	6.67	0
16040056	16040047	13.57	1 1-	2 ACSR 6/1	0	0	353	136	1	0	0	0.00	6.67	0
16040046	16040026	13.37	2 1-	2 ACSR 6/1	0	0	360	137	6	0	0	0.00	6.67	0
16040060	16040046	13.41	1 1-	2 ACSR 6/1	0	0	358	137	2	0	0	0.00	6.67	0
16040025	16030006	13.25	17 1-	2 ACSR 6/1	0	0	364	138	101	13	8	0.04	7.99	3
16040031	16040025	13.29	15 1-	2 ACSR 6/1	0	0	363	137	91	12	7	0.01	8.00	0
16040032	16040031	13.34	11 1-	2 ACSR 6/1	0	0	361	137	70	9	5	0.02	8.01	0
16040034	16040032	13.40	2 1-	2 ACSR 6/1	0	0	359	137	13	1	1	0.00	8.02	0
16040033	16040032	13.39	8 1-	2 ACSR 6/1	0	0	359	137	57	7	4	0.01	8.02	0
16040035	16040033	13.46	7 1-	2 ACSR 6/1	0	0	357	137	45	6	3	0.01	8.03	0
16040038	16040035	13.55	1 1-	2 ACSR 6/1	0	0	354	136	7	1	1	0.00	8.04	0
16040059	16040038	13.63	0 1-	2 ACSR 6/1	0	0	351	136	0	0	0	0.00	8.04	0
16040048	16040035	13.51	2 1-	2 ACSR 6/1	0	0	355	136	11	1	1	0.00	8.04	0
16040057	16040048	13.55	1 1-	2 ACSR 6/1	0	0	354	136	2	0	0	0.00	8.04	0
16040058	16040057	13.66	1 1-	2 ACSR 6/1	0	0	350	136	2	0	0	0.00	8.04	0
16140002	16040058	13.93	0 1-	2 ACSR 6/1	0	0	342	134	0	0	0	0.00	8.04	0
16040036	16040035	13.50	1 1-	2 ACSR 6/1	0	0	356	136	11	1	1	0.00	8.03	0
16040029	16040025	13.36	2 1-	2 ACSR 6/1	0	0	360	137	10	1	1	0.00	7.99	0
16040030	16040029	13.41	1 1-	2 ACSR 6/1	0	0	358	137	3	0	0	0.00	7.99	0
16030010	20852264	12.75	1 1-	2 ACSR 6/1	0	0	382	140	10	1	1	0.00	6.24	0
16130060	16130065	12.64	5 3-	2 ACSR 6/1	539	470	387	141	4	0	0	0.00	5.75	0
20852255	16130060	12.69	5 3-	2 ACSR 6/1	536	468	385	140	4	0	0	0.00	5.75	0
20852256	20852255	12.72	5 1-	2 ACSR 6/1	0	0	383	140	4	0	0	0.00	3.42	0
20852257	20852256	12.77	5 1-	2 ACSR 6/1	0	0	382	140	4	0	0	0.00	3.42	0
20852258	20852257	12.82	3 1-	2 ACSR 6/1	0	0	380	140	3	0	0	0.00	3.42	0
20852263	20852255	12.75	0 3-	2 ACSR 6/1	533	465	382	140	0	0	0	0.00	5.75	0
16130033	16130022	12.42	1 1-	2 ACSR 6/1	0	0	395	142	15	1	1	0.00	7.56	0
16130051	16130056	12.01	3 1-	2 ACSR 6/1	0	0	413	144	16	2	1	0.00	5.70	0
16130052	16130051	12.11	1 1-	2 ACSR 6/1	0	0	409	144	9	1	1	0.00	5.70	0
16130041	16130027	11.34	1 1-	2 ACSR 6/1	0	0	442	147	6	0	0	0.00	3.46	0
16130026	16130037	11.07	4 1-	2 ACSR 6/1	0	0	453	148	12	1	1	0.00	6.46	0
16130039	16130026	11.11	3 1-	2 ACSR 6/1	0	0	452	148	11	1	1	0.00	6.46	0
16130040	16130039	11.18	1 1-	2 ACSR 6/1	0	0	448	148	9	1	1	0.00	6.47	0
16130038	16130026	11.15	1 1-	2 ACSR 6/1	0	0	450	148	1	0	0	0.00	6.46	0
16130036	16130050	11.01	1 1-	2 ACSR 6/1	0	0	455	148	3	0	0	0.00	6.34	0
20851766	20851765	9.98	1 1-	2 ACSR 6/1	0	0	507	153	10	1	1	0.00	4.83	0
20851764	20851915	9.93	1 1-	2 ACSR 6/1	0	0	510	153	8	1	1	0.00	5.27	0
20852251	20851872	9.57	1 1-	2 ACSR 6/1	0	0	531	155	7	0	0	0.00	4.91	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851869	15090007	9.40	1 1-	2 ACSR 6/1	0	0	541	155	4	0	0	0.00	4.72	0
15190043	15190045	8.88	1 1-	2 ACSR 6/1	0	0	575	158	7	0	1	0.00	3.93	0
15190042	15190046	8.79	1 1-	2 ACSR 6/1	0	0	581	158	4	0	0	0.00	3.97	0
15190056	15190074	8.06	3 3-	1/0 ACSR 6/1	903	798	641	161	13	0	0	0.00	3.10	0
15190059	15190056	8.11	1 1-	2 ACSR 6/1	0	0	636	161	6	0	0	0.00	3.21	0
15190058	15190056	8.12	2 1-	2 ACSR 6/1	0	0	635	161	8	0	1	0.00	3.30	0
15190035	15190056	8.07	0 3-	1/0 ACSR 6/1	901	797	640	161	0	0	0	0.00	3.10	0
15-19-P076-A	15190035	8.07	0 3-	Open	901	797	640	161	0	0	0	0.00	3.10	0
15190069	15290031	7.74	1 1-	2 ACSR 6/1	0	0	669	163	3	0	0	0.00	2.90	0
15290039	15290034	7.43	1 1-	2 ACSR 6/1	0	0	698	164	2	0	0	0.00	2.58	0
15290029	15290036	7.11	22 1-	2 ACSR 6/1	0	0	733	166	71	9	5	0.03	8.56	2
D15-29-P013	15290029	7.11	22 1-	REC-25-H	0	0	733	166	71	9	38	0.00	8.56	0
15290028	D15-29-P013	7.19	22 1-	2 ACSR 6/1	0	0	724	165	71	9	5	0.02	8.58	1
20851957	15290028	7.29	19 1-	2 ACSR 6/1	0	0	709	164	58	7	4	0.02	8.61	1
20851958	20851957	7.38	18 1-	2 ACSR 6/1	0	0	699	164	54	7	4	0.02	8.62	0
20851949	20851958	7.45	18 1-	2 ACSR 6/1	0	0	690	163	54	7	4	0.02	8.64	0
20851951	20851949	7.52	17 1-	2 ACSR 6/1	0	0	681	163	51	6	4	0.01	8.65	0
20852198	20851951	7.58	1 1-	2 ACSR 6/1	0	0	675	163	3	0	0	0.00	8.65	0
20852060	20851951	7.69	15 1-	2 ACSR 6/1	0	0	662	162	48	6	4	0.03	8.68	1
16220016	20852060	8.07	15 1-	2 ACSR 6/1	0	0	622	159	48	6	4	0.07	8.75	3
16220018	16220016	8.15	14 1-	2 ACSR 6/1	0	0	613	159	44	5	3	0.01	8.77	0
16320004	16220018	8.26	13 1-	2 ACSR 6/1	0	0	603	158	37	5	3	0.01	8.78	0
16320017	16320004	8.30	11 1-	2 ACSR 6/1	0	0	599	158	33	4	3	0.01	8.79	0
16320018	16320017	8.38	10 1-	2 ACSR 6/1	0	0	592	157	31	4	2	0.01	8.79	0
16320019	16320018	8.41	2 1-	2 ACSR 6/1	0	0	589	157	4	0	0	0.00	8.79	0
16320020	16320019	8.44	1 1-	2 ACSR 6/1	0	0	587	157	3	0	0	0.00	8.79	0
16320005	16320018	8.48	6 1-	2 ACSR 6/1	0	0	583	157	22	3	2	0.01	8.80	0
16320006	16320005	8.61	1 1-	2 ACSR 6/1	0	0	572	156	0	0	0	0.00	8.80	0
16320007	16320005	8.53	4 1-	2 ACSR 6/1	0	0	579	156	21	2	2	0.00	8.81	0
16320010	16320007	8.57	2 1-	2 ACSR 6/1	0	0	575	156	7	0	1	0.00	8.81	0
16320012	16320010	9.38	0 1-	2 ACSR 6/1	0	0	513	151	0	0	0	0.00	8.81	0
16320011	16320010	8.89	1 1-	2 ACSR 6/1	0	0	548	154	3	0	0	0.00	8.81	0
16320008	16320011	8.96	1 1-	2 ACSR 6/1	0	0	543	154	3	0	0	0.00	8.81	0
16320003	16320011	9.26	0 1-	2 ACSR 6/1	0	0	521	152	0	0	0	0.00	8.81	0
16320009	16320007	8.60	2 1-	2 ACSR 6/1	0	0	573	156	13	1	1	0.00	8.81	0
16220012	20852060	7.74	0 1-	2 ACSR 6/1	0	0	657	162	0	0	0	0.00	8.68	0
20851950	20851949	7.50	1 1-	2 ACSR 6/1	0	0	684	163	3	0	0	0.00	8.64	0
16220011	20851949	7.55	0 1-	2 ACSR 6/1	0	0	678	163	0	0	0	0.00	8.64	0
15290042	15290028	7.28	3 1-	2 ACSR 6/1	0	0	712	165	13	1	1	0.00	8.58	0
15290047	15290035	6.83	1 1-	2 ACSR 6/1	0	0	767	167	3	0	0	0.00	8.27	0
15290051	20851540	6.76	1 1-	2 ACSR 6/1	0	0	777	168	6	0	0	0.00	8.22	0
15290050	15290049	6.62	1 1-	2 ACSR 6/1	0	0	795	168	1	0	0	0.00	3.45	0
15380010	15280012	5.28	1 1-	2 ACSR 6/1	0	0	1023	175	3	0	0	0.00	6.54	0
15280027	15280013	5.31	2 1-	2 ACSR 6/1	0	0	1013	174	43	5	3	0.02	5.77	0
15280014	15280013	5.52	0 1-	2 ACSR 6/1	0	0	962	173	0	0	0	0.00	5.76	0
15270023	15270044	4.29	391 3-	336 ACSR 18/1	1820	1660	1299	180	2138	93	18	0.03	4.24	47
D15-27-P047	15270023	4.29	391 3-	REC-100-L	1820	1660	1299	180	2137	93	94	0.00	4.24	0
15270035	D15-27-P047	4.33	391 3-	336 ACSR 18/1	1808	1649	1290	180	2137	93	18	0.02	4.26	32
15270045	15270035	4.44	390 3-	336 ACSR 18/1	1777	1620	1265	180	2137	93	18	0.06	4.32	85
15270046	15270045	4.53	388 3-	336 ACSR 18/1	1751	1595	1243	180	2121	92	18	0.05	4.38	75
15270033	15270046	4.60	386 3-	336 ACSR 18/1	1734	1579	1229	180	2109	92	17	0.03	4.41	49
15270034	15270033	4.64	386 3-	336 ACSR 18/1	1724	1569	1221	180	2108	92	17	0.02	4.43	30

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15270028	15270034	4.70	385 3-	336 ACSR 18/1	1708	1555	1209	179	2101	92	17	0.03	4.47	46
15270047	15270028	4.77	384 3-	336 ACSR 18/1	1690	1538	1194	179	2094	91	17	0.04	4.51	53
15270049	15270047	5.00	383 3-	336 ACSR 18/1	1634	1485	1149	179	2092	91	17	0.12	4.63	177
15270050	15270049	5.14	378 3-	336 ACSR 18/1	1601	1455	1123	178	2066	90	17	0.07	4.71	104
20851538	15270050	5.25	373 3-	336 ACSR 18/1	1579	1433	1105	178	2026	89	17	0.05	4.77	73
15170028	20851538	5.30	1 1-	2 ACSR 6/1	0	0	1091	178	7	0	1	0.00	5.46	0
15170027	20851538	5.47	369 3-	336 ACSR 18/1	1531	1389	1068	178	2009	88	17	0.11	4.88	158
15170009	15170027	5.55	369 3-	336 ACSR 18/1	1515	1373	1055	177	2007	88	17	0.04	4.93	56
15170026	15170009	5.61	2 1-	2 ACSR 6/1	0	0	1040	177	14	1	1	0.00	6.21	0
15170025	15170009	5.64	367 3-	336 ACSR 18/1	1498	1358	1042	177	1993	87	17	0.04	4.97	59
15170046	15170025	5.72	1 1-	2 ACSR 6/1	0	0	1021	177	5	0	0	0.00	5.64	0
15170024	15170025	5.71	366 3-	336 ACSR 18/1	1483	1344	1030	177	1987	87	16	0.04	5.01	53
15170023	15170024	5.80	1 1-	2 ACSR 6/1	0	0	1009	176	9	1	1	0.00	5.68	0
15170022	15170024	5.76	365 3-	336 ACSR 18/1	1473	1335	1023	177	1977	87	16	0.02	5.04	34
15170021	15170022	5.80	362 3-	336 ACSR 18/1	1467	1329	1018	177	1965	86	16	0.01	5.05	22
15170020	15170021	5.87	359 3-	336 ACSR 18/1	1453	1316	1008	177	1958	86	16	0.03	5.09	48
15170019	15170020	5.92	353 3-	336 ACSR 18/1	1444	1307	1000	177	1942	85	16	0.02	5.12	34
15170018	15170019	6.03	1 1-	2 ACSR 6/1	0	0	975	176	3	0	0	0.00	5.77	0
15170017	15170019	5.97	2 1-	2 ACSR 6/1	0	0	989	176	8	1	1	0.00	6.43	0
15170011	15170019	5.95	350 3-	336 ACSR 18/1	1439	1303	996	176	1931	85	16	0.01	5.13	18
15170012	15170011	6.12	14 1-	2 ACSR 6/1	0	0	957	175	47	6	3	0.03	6.47	1
15170014	15170012	6.20	10 1-	2 ACSR 6/1	0	0	941	175	38	5	3	0.01	6.48	0
15170043	15170014	6.24	8 1-	2 ACSR 6/1	0	0	932	174	30	3	2	0.00	6.49	0
15170045	15170043	6.37	2 1-	2 ACSR 6/1	0	0	905	173	0	0	0	0.00	6.49	0
15170042	15170045	6.46	1 1-	2 ACSR 6/1	0	0	888	173	0	0	0	0.00	6.49	0
15170041	15170042	6.52	1 1-	2 ACSR 6/1	0	0	876	172	0	0	0	0.00	6.49	0
15170044	15170043	6.28	6 1-	2 ACSR 6/1	0	0	924	174	30	3	2	0.00	6.49	0
15170015	15170044	6.38	2 1-	2 ACSR 6/1	0	0	903	173	3	0	0	0.00	6.49	0
15170039	15170044	6.35	1 1-	2 ACSR 6/1	0	0	910	173	5	0	0	0.00	6.49	0
15170040	15170039	6.46	1 1-	2 ACSR 6/1	0	0	888	173	5	0	0	0.00	6.49	0
15170016	15170040	6.53	1 1-	2 ACSR 6/1	0	0	876	172	5	0	0	0.00	6.49	0
15170013	15170012	6.19	2 1-	2 ACSR 6/1	0	0	942	175	4	0	0	0.00	6.47	0
15170010	15170011	6.08	335 3-	336 ACSR 18/1	1414	1280	978	176	1881	82	16	0.07	5.20	84
15170047	15170010	6.19	334 3-	336 ACSR 18/1	1396	1263	964	176	1878	82	16	0.05	5.25	66
15170048	15170047	6.27	334 3-	336 ACSR 18/1	1382	1250	953	176	1877	82	16	0.04	5.29	49
15070036	15170048	6.41	332 3-	336 ACSR 18/1	1359	1229	935	175	1868	82	16	0.07	5.36	86
15070035	15070036	6.51	331 3-	336 ACSR 18/1	1344	1215	924	175	1863	82	16	0.04	5.41	56
15070051	15070035	6.59	1 1-	2 ACSR 6/1	0	0	908	175	17	2	1	0.00	6.05	0
15070050	15070035	6.55	330 3-	336 ACSR 18/1	1337	1208	919	175	1845	81	15	0.02	5.43	27
15070034	15070050	6.61	329 3-	336 ACSR 18/1	1328	1200	912	175	1845	81	15	0.03	5.46	34
15070033	15070034	6.69	3 1-	2 ACSR 6/1	0	0	897	174	20	2	2	0.00	6.10	0
15070032	15070034	6.69	325 3-	336 ACSR 18/1	1315	1188	902	175	1817	80	15	0.04	5.49	48
15-07-P048-B	15070032	6.69	325 3-	Closed	1315	1188	902	175	1817	80	0	0.00	5.49	0
15-07-P048-A	15-07-P048-B	6.69	325 3-	Closed	1315	1188	902	175	1817	80	0	0.00	5.49	0
15070052	15-07-P048-A	6.70	325 3-	336 ACSR 18/1	1314	1187	901	175	1817	80	15	0.00	5.50	5
15070031	15070052	6.72	322 3-	2 ACSR 6/1	1307	1180	897	175	1800	79	44	0.04	5.54	69
15070037	15070031	6.76	8 1-	2 ACSR 6/1	0	0	889	174	44	5	3	0.01	6.91	0
15070022	15070037	6.90	7 1-	2 ACSR 6/1	0	0	865	173	41	5	3	0.02	6.93	0
15070021	15070022	7.01	6 1-	2 ACSR 6/1	0	0	846	172	31	4	2	0.01	6.94	0
15070040	15070021	7.23	0 1-	2 ACSR 6/1	0	0	809	171	0	0	0	0.00	6.94	0
15070023	15070021	7.10	6 1-	2 ACSR 6/1	0	0	831	172	31	4	2	0.01	6.95	0
15070039	15070023	7.19	1 1-	2 ACSR 6/1	0	0	815	171	9	1	1	0.00	6.95	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15070024	15070023	7.14	3 1-	2 ACSR 6/1	0	0	824	171	14	1	1	0.00	6.95	0
15070025	15070024	7.26	1 1-	2 ACSR 6/1	0	0	804	171	6	0	0	0.00	6.95	0
15070038	15070022	7.09	1 1-	2 ACSR 6/1	0	0	832	172	10	1	1	0.00	6.93	0
15070030	15070031	6.80	313 3-	2 ACSR 6/1	1285	1159	882	174	1747	77	43	0.15	5.69	218
15070048	15070030	6.85	299 3-	1/0 ACSR 6/1	1275	1149	875	174	1659	73	32	0.04	5.74	67
15070047	15070048	6.91	298 3-	1/0 ACSR 6/1	1261	1136	866	173	1652	73	32	0.06	5.81	93
99700071	15070047	6.93	9 1-	2 ACSR 6/1	0	0	862	173	54	7	4	0.00	7.20	0
9970102	9970071	6.97	3 1-	2 ACSR 6/1	0	0	855	173	17	2	1	0.00	7.20	0
99701116	9970071	6.99	2 1-	2 ACSR 6/1	0	0	852	173	19	2	1	0.00	7.20	0
99700072	9970071	6.98	4 1-	2 ACSR 6/1	0	0	852	173	18	2	1	0.00	7.20	0
99700073	9970072	7.02	3 1-	2 ACSR 6/1	0	0	846	173	8	1	1	0.00	7.20	0
99700074	9970073	7.20	2 1-	2 ACSR 6/1	0	0	816	171	8	1	1	0.01	7.21	0
99701115	9970074	7.28	1 1-	2 ACSR 6/1	0	0	804	171	7	1	1	0.00	7.21	0
9970107	9970074	7.27	1 1-	2 ACSR 6/1	0	0	806	171	1	0	0	0.00	7.21	0
9970070	15070047	6.96	286 3-	1/0 ACSR 6/1	1251	1126	859	173	1582	69	30	0.05	5.87	65
9970069	9970070	6.99	284 3-	1/0 ACSR 6/1	1242	1118	853	173	1567	69	30	0.04	5.91	53
9970068	9970069	7.04	283 3-	1/0 ACSR 6/1	1233	1110	847	173	1559	69	30	0.04	5.96	57
9970067	9970068	7.07	281 3-	1/0 ACSR 6/1	1227	1104	842	173	1545	68	30	0.03	5.99	40
9970082	9970067	7.08	254 3-	1/0 ACSR 6/1	1223	1100	839	172	1401	62	27	0.02	6.01	22
9970083	9970082	7.15	10 1-	2 ACSR 6/1	0	0	829	172	71	9	5	0.02	6.63	0
9970119	9970083	7.19	3 1-	2 ACSR 6/1	0	0	823	172	23	3	2	0.00	6.63	0
9970084	9970083	7.18	5 1-	2 ACSR 6/1	0	0	823	172	34	4	3	0.00	6.64	0
9970085	9970084	7.22	4 1-	2 ACSR 6/1	0	0	817	171	27	3	2	0.00	6.64	0
9970064	9970085	7.27	2 1-	2 ACSR 6/1	0	0	810	171	15	2	1	0.00	6.64	0
9970065	9970064	7.31	0 1-	2 ACSR 6/1	0	0	803	171	0	0	0	0.00	6.64	0
9970081	9970082	7.12	244 3-	1/0 ACSR 6/1	1215	1093	834	172	1330	59	26	0.03	6.04	37
9970080	9970081	7.18	241 3-	1/0 ACSR 6/1	1203	1081	826	172	1317	58	25	0.04	6.09	59
9970079	9970080	7.21	238 3-	1/0 ACSR 6/1	1197	1075	822	172	1298	57	25	0.02	6.12	33
9970078	9970079	7.28	236 3-	1/0 ACSR 6/1	1182	1061	812	171	1297	57	25	0.05	6.19	72
9970077	9970078	7.35	9 1-	2 ACSR 6/1	0	0	802	171	50	6	4	0.01	6.78	0
9970103	9970077	7.45	4 1-	2 ACSR 6/1	0	0	786	170	32	4	2	0.01	6.79	0
9870174	9970103	7.49	1 1-	2 ACSR 6/1	0	0	780	170	9	1	1	0.00	6.79	0
9870158	9970103	7.53	1 1-	2 ACSR 6/1	0	0	774	170	12	1	1	0.00	6.79	0
9870157	9970103	7.58	1 1-	2 ACSR 6/1	0	0	767	169	3	0	0	0.00	6.79	0
9970118	9970077	7.39	5 1-	2 ACSR 6/1	0	0	795	171	18	2	1	0.00	6.78	0
9970076	9970078	7.32	227 3-	1/0 ACSR 6/1	1175	1055	807	171	1246	55	24	0.02	6.22	32
9970075	9970076	7.52	224 3-	1/0 ACSR 6/1	1137	1018	781	170	1233	54	24	0.12	6.40	186
9870153	9970075	7.57	223 3-	1/0 ACSR 6/1	1126	1009	774	170	1228	54	24	0.03	6.45	52
9870152	9870153	7.64	1 1-	2 ACSR 6/1	0	0	765	169	4	0	0	0.00	6.94	0
9870086	9870153	7.68	183 3-	1/0 ACSR 6/1	1107	991	761	169	1050	46	20	0.07	6.52	66
9870150	9870086	7.90	5 1-	2 ACSR 6/1	0	0	731	168	31	4	2	0.02	7.03	0
9870151	9870150	8.00	2 1-	2 ACSR 6/1	0	0	719	167	15	2	1	0.00	7.03	0
9870121	9870151	8.03	1 1-	2 ACSR 6/1	0	0	715	167	10	1	1	0.00	7.04	0
9870149	9870086	7.75	178 3-	1/0 ACSR 6/1	1096	980	754	169	1019	45	20	0.04	6.57	39
9870148	9870149	7.82	177 3-	1/0 ACSR 6/1	1082	968	745	169	1012	45	20	0.05	6.63	46
9870104	9870148	7.86	2 1-	2 ACSR 6/1	0	0	740	168	11	1	1	0.00	8.25	0
9870105	9870104	7.91	1 1-	2 ACSR 6/1	0	0	733	168	4	0	0	0.00	8.25	0
9870089	9870148	7.87	2 1-	2 ACSR 6/1	0	0	739	168	20	2	1	0.00	7.10	0
9870094	9870089	7.90	1 1-	2 ACSR 6/1	0	0	735	168	10	1	1	0.00	7.10	0
9870088	9870148	7.89	173 3-	1/0 ACSR 6/1	1071	957	737	168	981	43	19	0.04	6.67	39
9870087	9870088	7.94	171 3-	1/0 ACSR 6/1	1063	949	731	168	970	43	19	0.03	6.71	27
9870115	9870087	7.98	126 3-	1/0 ACSR 6/1	1056	943	727	168	736	32	14	0.01	6.73	13

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D09-87-P038	9870115	7.98	126 3-	REC-50-4H	1056	943	727	168	736	32	66	0.00	6.73	0
9870171	D09-87-P038	8.03	126 3-	1/0 ACSR 6/1	1049	936	722	168	736	32	14	0.01	6.75	16
9870141	9870171	8.09	124 3-	1/0 ACSR 6/1	1039	928	716	167	726	32	14	0.02	6.78	19
9870144	9870141	8.13	8 1-	2 ACSR 6/1	0	0	710	167	45	5	3	0.01	4.70	0
9870146	9870144	8.18	4 1-	2 ACSR 6/1	0	0	704	167	26	3	2	0.00	4.71	0
9870147	9870146	8.21	1 1-	2 ACSR 6/1	0	0	700	167	7	0	1	0.00	4.71	0
9870145	9870144	8.15	3 1-	2 ACSR 6/1	0	0	707	167	11	1	1	0.00	4.70	0
9870143	9870141	8.14	113 3-	1/0 ACSR 6/1	1031	920	710	167	667	29	13	0.01	6.81	16
9870140	9870143	8.19	112 3-	1/0 ACSR 6/1	1022	912	704	167	663	29	13	0.01	6.84	16
9870139	9870140	8.24	108 3-	1/0 ACSR 6/1	1016	906	700	167	648	29	13	0.01	6.85	12
9870135	9870139	8.27	106 3-	1/0 ACSR 6/1	1011	901	696	166	636	28	12	0.01	6.87	9
9870137	9870135	8.32	103 3-	1/0 ACSR 6/1	1004	895	692	166	626	28	12	0.01	6.89	11
9870136	9870137	8.38	101 3-	1/0 ACSR 6/1	995	886	686	166	616	27	12	0.01	6.92	16
9870119	9870136	8.44	6 1-	2 ACSR 6/1	0	0	679	166	39	5	3	0.01	8.68	0
9870120	9870119	8.49	5 1-	2 ACSR 6/1	0	0	673	165	28	3	2	0.01	8.68	0
9870175	9870120	8.53	4 1-	2 ACSR 6/1	0	0	668	165	23	3	2	0.00	8.69	0
9870131	9870175	8.63	1 1-	2 ACSR 6/1	0	0	658	164	7	0	1	0.00	8.69	0
9870129	9870175	8.56	3 1-	2 ACSR 6/1	0	0	666	165	16	2	1	0.00	8.69	0
9870130	9870129	8.61	2 1-	2 ACSR 6/1	0	0	660	164	16	2	1	0.00	8.69	0
9870095	9870136	8.47	1 1-	2 ACSR 6/1	0	0	675	165	8	1	1	0.00	4.82	0
9870113	9870136	8.44	91 3-	1/0 ACSR 6/1	986	878	680	166	554	24	11	0.02	6.94	13
9870111	9870113	8.52	3 1-	2 ACSR 6/1	0	0	671	165	15	1	1	0.00	7.29	0
9870112	9870111	8.57	1 1-	2 ACSR 6/1	0	0	665	165	5	0	0	0.00	7.29	0
9870085	9870113	8.53	88 3-	1/0 ACSR 6/1	974	867	671	165	539	24	11	0.02	6.98	17
9870142	9870085	8.57	45 1-	2 ACSR 6/1	0	0	667	165	216	29	16	0.03	8.80	6
D09-87-P153	9870142	8.57	44 1-	REC-35-H	0	0	667	165	216	29	84	0.00	8.80	0
9870127	D09-87-P153	8.60	44 1-	2 ACSR 6/1	0	0	664	165	216	29	16	0.03	8.83	4
9870128	9870127	8.72	40 1-	2 ACSR 6/1	0	0	651	164	196	26	15	0.09	8.92	15
9870116	9870128	8.79	10 1-	2 ACSR 6/1	0	0	644	163	49	6	4	0.01	8.93	0
9870114	9870116	8.86	1 1-	2 ACSR 6/1	0	0	636	163	6	0	0	0.00	8.93	0
9870118	9870116	9.24	9 1-	2 ACSR 6/1	0	0	600	160	43	5	3	0.07	9.01	3
9770073	9870118	9.34	4 1-	2 ACSR 6/1	0	0	591	160	31	4	2	0.01	9.02	0
9760024	9770073	9.36	3 1-	2 ACSR 6/1	0	0	589	160	23	3	2	0.00	9.02	0
9760025	9760024	9.42	3 1-	2 ACSR 6/1	0	0	584	159	23	3	2	0.00	9.02	0
9760023	9760025	9.47	1 1-	2 ACSR 6/1	0	0	580	159	9	1	1	0.00	9.02	0
9770072	9870118	9.29	4 1-	2 ACSR 6/1	0	0	595	160	12	1	1	0.00	9.01	0
9870106	9870128	8.88	30 1-	2 ACSR 6/1	0	0	634	163	147	20	11	0.09	9.01	11
9870107	9870106	8.98	28 1-	2 ACSR 6/1	0	0	625	162	141	19	11	0.05	9.06	6
9870108	9870107	9.02	27 1-	2 ACSR 6/1	0	0	621	162	137	18	10	0.02	9.08	2
9870109	9870108	9.07	26 1-	2 ACSR 6/1	0	0	616	162	131	17	10	0.02	9.11	3
9870110	9870109	9.17	25 1-	2 ACSR 6/1	0	0	606	161	123	16	9	0.05	9.16	5
9860052	9870110	9.25	2 1-	2 ACSR 6/1	0	0	599	160	4	0	0	0.00	9.16	0
9860058	9860052	9.28	1 1-	2 ACSR 6/1	0	0	596	160	1	0	0	0.00	9.16	0
9860051	9870110	9.55	23 1-	2 ACSR 6/1	0	0	573	158	119	16	9	0.18	9.34	18
9860114	9860051	9.60	21 1-	2 ACSR 6/1	0	0	569	158	109	14	8	0.02	9.35	2
9860116	9860114	9.64	1 1-	2 ACSR 6/1	0	0	565	158	5	0	0	0.00	9.36	0
9860115	9860114	9.64	20 1-	2 ACSR 6/1	0	0	566	158	104	14	8	0.01	9.37	1
9760021	9860115	9.73	19 1-	2 ACSR 6/1	0	0	558	157	92	12	7	0.03	9.40	2
9760042	9760021	9.92	15 1-	2 ACSR 6/1	0	0	543	156	67	9	5	0.05	9.45	3
9760044	9760042	10.06	2 1-	15 KV 2 URD XLP	0	0	536	296	7	0	1	0.00	9.45	0
9760045	9760044	10.14	1 1-	15 KV 2 URD XLP	0	0	532	294	0	0	0	0.00	9.45	0
9760043	9760042	9.99	13 1-	2 ACSR 6/1	0	0	538	156	59	8	4	0.02	9.47	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9760036	9760043	10.03	5 1-	2 ACSR 6/1	0	0	535	155	34	4	3	0.01	9.47	0
9760037	9760036	10.06	2 1-	2 ACSR 6/1	0	0	533	155	17	2	1	0.00	9.47	0
9760018	9760037	10.18	1 1-	2 ACSR 6/1	0	0	524	155	7	0	1	0.00	9.48	0
9760027	9760018	10.25	1 1- 15 KV 2 URD XLP		0	0	521	291	7	0	1	0.00	9.48	0
9760017	9760037	10.10	1 1-	2 ACSR 6/1	0	0	530	155	9	1	1	0.00	9.47	0
9760028	9760017	10.15	0 1-	2 ACSR 6/1	0	0	527	155	0	0	0	0.00	9.47	0
9760029	9760017	10.14	1 1-	2 ACSR 6/1	0	0	527	155	9	1	1	0.00	9.47	0
9760030	9760036	10.08	2 1-	2 ACSR 6/1	0	0	532	155	12	1	1	0.00	9.47	0
9760031	9760043	10.06	7 1-	2 ACSR 6/1	0	0	533	155	18	2	1	0.00	9.47	0
9760032	9760031	10.17	7 1-	2 ACSR 6/1	0	0	525	155	18	2	1	0.01	9.48	0
9760019	9760032	10.23	1 1-	2 ACSR 6/1	0	0	521	154	4	0	0	0.00	9.48	0
9760033	9760032	10.25	6 1-	2 ACSR 6/1	0	0	520	154	13	1	1	0.00	9.48	0
9760034	9760033	10.35	5 1-	2 ACSR 6/1	0	0	513	154	10	1	1	0.00	9.49	0
9760026	9760034	10.47	3 1-	2 ACSR 6/1	0	0	504	153	7	0	1	0.00	9.49	0
9760035	9760034	10.51	2 1-	2 ACSR 6/1	0	0	502	153	3	0	0	0.00	9.49	0
9760022	9760021	9.80	2 1-	2 ACSR 6/1	0	0	552	157	11	1	1	0.00	9.40	0
9760020	9760022	9.83	1 1-	2 ACSR 6/1	0	0	550	157	7	0	1	0.00	9.40	0
9860059	9860051	9.59	2 1-	2 ACSR 6/1	0	0	570	158	10	1	1	0.00	9.34	0
9860060	9860059	9.62	1 1-	2 ACSR 6/1	0	0	567	158	2	0	0	0.00	9.34	0
9870125	9870085	8.60	43 3-	1/0 ACSR 6/1	963	857	665	165	322	14	6	0.03	6.99	5
9870124	9870125	8.66	39 3-	1/0 ACSR 6/1	955	850	659	165	300	13	6	0.02	7.01	4
9870123	9870124	8.79	2 1-	2 ACSR 6/1	0	0	645	164	11	1	1	0.00	4.88	0
9870122	9870124	8.78	36 3-	1/0 ACSR 6/1	939	835	648	164	281	12	5	0.05	7.03	7
9770059	9870122	8.85	3 1-	2 ACSR 6/1	0	0	641	164	19	2	1	0.01	7.42	0
9770061	9770059	8.90	2 1-	2 ACSR 6/1	0	0	636	163	14	1	1	0.00	7.42	0
9770062	9770061	8.94	1 1-	2 ACSR 6/1	0	0	633	163	12	1	1	0.00	7.42	0
9770060	9770059	8.89	1 1-	2 ACSR 6/1	0	0	637	163	5	0	0	0.00	7.42	0
9770058	9870122	8.87	31 3-	1/0 ACSR 6/1	928	825	641	164	252	11	5	0.03	7.05	4
9770068	9770058	9.04	26 3-	1/0 ACSR 6/1	907	805	627	163	225	10	4	0.05	7.07	6
9770067	9770068	9.08	25 3-	1/0 ACSR 6/1	902	801	623	163	219	9	4	0.01	7.08	1
9770120	9770067	9.11	1 1-	2 ACSR 6/1	0	0	620	162	67	9	5	0.01	7.52	0
9770122	9770120	9.17	0 1- 15 KV 2 URD XLP		0	0	617	323	0	0	0	0.00	7.52	0
9770121	9770120	9.40	1 1-	2 ACSR 6/1	0	0	594	160	67	9	5	0.04	7.56	1
9770117	9770121	9.47	0 1-	2 ACSR 6/1	0	0	588	160	0	0	0	0.00	7.56	0
9770119	9770117	9.51	0 1- 15 KV 2 URD XLP		0	0	585	313	0	0	0	0.00	7.56	0
9770118	9770117	9.54	0 1-	2 ACSR 6/1	0	0	581	160	0	0	0	0.00	7.56	0
9770056	9770067	9.12	24 3-	1/0 ACSR 6/1	897	796	620	162	152	6	3	0.00	7.08	0
9770055	9770056	9.26	23 3-	1/0 ACSR 6/1	881	781	609	162	135	6	3	0.01	7.10	2
9770116	9770055	9.32	2 1-	2 ACSR 6/1	0	0	603	161	23	3	2	0.00	8.86	0
9770107	9770055	9.34	1 1-	2 ACSR 6/1	0	0	601	161	5	0	0	0.00	7.52	0
9770105	9770055	9.33	20 3-	1/0 ACSR 6/1	872	773	603	161	108	4	2	0.01	7.10	0
9770106	9770105	9.40	2 1-	2 ACSR 6/1	0	0	598	161	12	1	1	0.00	4.92	0
9770104	9770105	9.38	17 3-	1/0 ACSR 6/1	866	768	599	161	91	4	2	0.00	7.11	0
9770103	9770104	9.45	16 3-	1/0 ACSR 6/1	859	762	594	161	80	3	2	0.01	7.11	0
D09-77-P007	9770103	9.45	7 1-	FUS-20	0	0	594	161	29	3	22	0.00	8.87	0
9770115	D09-77-P007	9.47	7 1-	2 ACSR 6/1	0	0	593	161	29	3	2	0.00	8.87	0
9770092	9770115	9.51	6 1-	2 ACSR 6/1	0	0	589	160	26	3	2	0.00	8.88	0
9770080	9770092	9.63	5 1-	2 ACSR 6/1	0	0	579	160	21	2	2	0.01	8.89	0
9770081	9770080	9.73	5 1-	2 ACSR 6/1	0	0	571	159	21	2	2	0.01	8.89	0
9770082	9770081	9.76	3 1-	2 ACSR 6/1	0	0	568	159	12	1	1	0.00	8.89	0
9770083	9770082	9.78	3 1-	2 ACSR 6/1	0	0	566	159	12	1	1	0.00	8.89	0
9770084	9770083	9.83	0 1-	2 ACSR 6/1	0	0	562	158	0	0	0	0.00	8.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	L/DROP	TOTAL DROP	LINE LOSS
D09-77-P007A	9770103	9.45	8 1-	REC-25-H	0	0	594	161	42	5	23	0.00	7.54	0
9770085	D09-77-P007A	9.51	8 1-	2 ACSR 6/1	0	0	589	160	42	5	3	0.01	7.55	0
9770086	9770085	9.55	7 1-	2 ACSR 6/1	0	0	585	160	35	4	3	0.01	7.56	0
9770091	9770086	9.59	2 1-	2 ACSR 6/1	0	0	582	160	5	0	0	0.00	7.56	0
9770087	9770091	9.66	1 1-	2 ACSR 6/1	0	0	576	159	4	0	0	0.00	7.56	0
9770089	9770086	9.65	5 1-	2 ACSR 6/1	0	0	577	160	30	4	2	0.01	7.57	0
9770090	9770089	9.70	5 1-	2 ACSR 6/1	0	0	573	159	30	4	2	0.01	7.57	0
9770099	9770090	9.75	2 1-	2 ACSR 6/1	0	0	569	159	8	1	1	0.00	7.57	0
9770098	9770090	9.89	3 1-	2 ACSR 6/1	0	0	558	158	23	3	2	0.02	7.59	0
9770100	9770098	9.94	1 1-	2 ACSR 6/1	0	0	554	158	8	1	1	0.00	7.59	0
9770052	9770098	10.05	2 1-	2 ACSR 6/1	0	0	545	157	15	2	1	0.01	7.60	0
9770102	9770052	10.11	1 1-	2 ACSR 6/1	0	0	541	157	7	0	1	0.00	7.60	0
9770097	9770102	10.26	1 1-	2 ACSR 6/1	0	0	530	156	7	0	1	0.00	7.60	0
9780002	9770097	10.30	0 1-	2 ACSR 6/1	0	0	527	155	0	0	0	0.00	7.60	0
9770101	9770052	10.11	1 1-	2 ACSR 6/1	0	0	541	157	8	1	1	0.00	7.60	0
9770114	9770103	9.56	0 3-	1/0 ACSR 6/1	847	751	586	160	0	0	0	0.00	7.11	0
09-77-P006-A	9770114	9.56	0 3-	Open	847	751	586	160	0	0	0	0.00	7.11	0
9770057	9770058	8.94	3 1-	2 ACSR 6/1	0	0	634	163	14	1	1	0.00	7.44	0
9870132	9870139	8.27	2 1-	2 ACSR 6/1	0	0	696	166	13	1	1	0.00	8.57	0
9870133	9870132	8.33	1 1-	2 ACSR 6/1	0	0	688	166	8	1	1	0.00	8.57	0
9870138	9870140	8.28	2 1-	2 ACSR 6/1	0	0	694	166	5	0	0	0.00	7.23	0
9870134	9870138	8.35	2 1-	2 ACSR 6/1	0	0	685	166	5	0	0	0.00	7.23	0
9870169	9870171	8.09	1 1-	2 ACSR 6/1	0	0	714	167	10	1	1	0.00	7.19	0
9870093	9870087	8.01	2 1-	2 ACSR 6/1	0	0	722	168	11	1	1	0.00	8.35	0
9870170	9870087	8.05	43 3-	1/0 ACSR 6/1	1045	933	719	168	222	9	4	0.03	6.72	3
9870103	9870170	8.24	34 3-	1/0 ACSR 6/1	1016	906	700	167	179	7	3	0.03	6.75	3
9880009	9870103	8.30	31 3-	1/0 ACSR 6/1	1006	897	693	166	173	7	3	0.01	6.76	1
9880012	9880009	8.40	30 3-	1/0 ACSR 6/1	992	883	684	166	164	7	3	0.02	6.77	2
9880013	9880012	8.49	29 3-	1/0 ACSR 6/1	978	871	675	165	161	7	3	0.02	6.78	2
9880019	9880013	8.64	27 3-	1/0 ACSR 6/1	958	853	661	165	159	7	3	0.03	6.79	2
09-88-P001-B	9880019	8.64	27 3-	Closed	958	853	661	165	159	7	0	0.00	6.79	0
09-88-P001-A	09-88-P001-B	8.64	27 3-	Closed	958	853	661	165	159	7	0	0.00	6.79	0
9880020	09-88-P001-A	8.68	27 3-	1/0 ACSR 6/1	953	848	658	165	159	7	3	0.01	6.80	0
9980025	9880020	8.74	26 3-	1/0 ACSR 6/1	945	840	652	164	151	6	3	0.01	6.80	0
9980008	9980025	9.15	24 3-	1/0 ACSR 6/1	893	793	617	162	135	6	3	0.07	6.84	6
09-98-P020-B	9980008	9.15	24 3-	Closed	893	793	617	162	135	6	0	0.00	6.84	0
09-98-P020-A	09-98-P020-B	9.15	24 3-	Closed	893	793	617	162	135	6	0	0.00	6.84	0
9980009	09-98-P020-A	9.87	24 3-	1/0 ACSR 6/1	815	721	565	159	135	6	3	0.13	6.91	10
15080004	9980009	9.89	23 3-	1/0 ACSR 6/1	813	719	563	159	124	5	2	0.00	6.91	0
15180013	15080004	9.94	23 3-	1/0 ACSR 6/1	808	715	560	159	124	5	2	0.01	6.92	0
15180014	15180013	9.97	22 3-	1/0 ACSR 6/1	805	712	558	158	121	5	2	0.01	6.92	0
15180015	15180014	10.03	18 3-	1/0 ACSR 6/1	799	707	554	158	97	4	2	0.01	6.92	0
15180017	15180015	10.12	17 3-	1/0 ACSR 6/1	791	699	548	158	94	4	2	0.02	6.93	0
15180025	15180017	10.23	10 3-	1/0 ACSR 6/1	781	690	542	157	53	2	1	0.01	6.93	0
15180026	15180025	10.34	8 3-	1/0 ACSR 6/1	770	681	535	157	52	2	1	0.01	6.94	0
15190029	15180026	10.44	5 3-	1/0 ACSR 6/1	761	672	529	156	34	1	1	0.01	6.94	0
15190030	15190029	10.55	5 3-	1/0 ACSR 6/1	752	664	523	156	34	1	1	0.01	6.94	0
15190077	15190030	10.59	3 1-	2 ACSR 6/1	0	0	520	156	25	3	2	0.00	7.61	0
15190078	15190077	10.62	2 1-	2 ACSR 6/1	0	0	518	155	16	2	1	0.00	7.61	0
15190065	15190078	10.77	1 1-	2 ACSR 6/1	0	0	508	154	12	1	1	0.00	7.62	0
15190079	15190065	10.89	0 1-	2 ACSR 6/1	0	0	500	154	0	0	0	0.00	7.62	0
15190066	15190030	10.65	2 3-	1/0 ACSR 6/1	744	656	517	155	9	0	0	0.00	6.94	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15190067	15190066	10.72	1 3-	1/0 ACSR 6/1	738	651	513	155	2	0	0	0.00	6.94	0
15190068	15190067	10.73	0 3-	1/0 ACSR 6/1	737	651	512	155	0	0	0	0.00	6.94	0
15-19-P076-B	15190068	10.73	0 3-	Open	737	651	512	155	0	0	0	0.00	6.94	0
15190064	15190029	10.50	0 1-	2 ACSR 6/1	0	0	524	156	0	0	0	0.00	7.60	0
15190062	15180026	10.40	3 1-	2 ACSR 6/1	0	0	530	156	18	2	1	0.00	7.60	0
15180018	15180017	10.20	5 1-	2 ACSR 6/1	0	0	543	157	25	3	2	0.00	7.57	0
15180019	15180018	10.25	3 1-	2 ACSR 6/1	0	0	539	157	8	1	1	0.00	7.57	0
15180029	15180019	10.28	1 1-	2 ACSR 6/1	0	0	536	157	1	0	0	0.00	7.57	0
15180016	15180015	10.06	1 1-	2 ACSR 6/1	0	0	552	158	4	0	0	0.00	7.55	0
15180020	15180014	10.17	4 1-	2 ACSR 6/1	0	0	543	157	24	3	2	0.02	8.56	0
15180021	15180020	10.22	3 1-	2 ACSR 6/1	0	0	539	157	17	2	1	0.00	8.56	0
15180023	15180021	10.33	2 1-	2 ACSR 6/1	0	0	531	156	12	1	1	0.00	8.57	0
15180024	15180023	10.40	1 1-	2 ACSR 6/1	0	0	526	156	2	0	0	0.00	8.57	0
15180022	15180021	10.30	1 1-	2 ACSR 6/1	0	0	534	156	5	0	0	0.00	8.56	0
15080003	9980009	10.01	1 1-	2 ACSR 6/1	0	0	554	158	11	1	1	0.00	8.54	0
9880010	9880009	8.33	1 1-	2 ACSR 6/1	0	0	690	166	9	1	1	0.00	8.38	0
9880011	9880010	8.36	1 1-	2 ACSR 6/1	0	0	686	166	9	1	1	0.00	8.38	0
9880014	9880011	8.40	0 1-	2 ACSR 6/1	0	0	681	166	0	0	0	0.00	8.38	0
9870090	9870170	8.08	7 1-	2 ACSR 6/1	0	0	716	167	28	3	2	0.00	7.20	0
9870091	9870090	8.13	5 1-	2 ACSR 6/1	0	0	709	167	14	1	1	0.00	7.20	0
9870092	9870091	8.14	3 1-	2 ACSR 6/1	0	0	708	167	2	0	0	0.00	7.20	0
9870154	9870153	7.65	38 3-	1/0 ACSR 6/1	1113	997	765	170	172	7	3	-0.01	6.45	4
9870156	9870154	7.68	33 1-	2 ACSR 6/1	0	0	761	169	151	20	11	0.02	8.09	2
9870162	9870156	7.73	31 1-	2 ACSR 6/1	0	0	753	169	144	19	11	0.03	8.11	3
D09-87-P056	9870162	7.73	27 1-	REC-35-H	0	0	753	169	121	16	47	0.00	8.11	0
9870160	D09-87-P056	7.81	27 1-	2 ACSR 6/1	0	0	743	168	121	16	9	0.03	8.15	3
9870165	9870160	7.91	25 1-	2 ACSR 6/1	0	0	729	168	101	13	8	0.04	8.19	4
9870168	9870165	7.99	1 1-	2 ACSR 6/1	0	0	720	167	3	0	0	0.00	8.19	0
9870167	9870165	7.97	2 1-	2 ACSR 6/1	0	0	722	167	21	2	2	0.00	8.19	0
9870166	9870165	8.01	21 1-	2 ACSR 6/1	0	0	717	167	77	10	6	0.03	8.22	2
9870096	9870166	8.11	3 1-	2 ACSR 6/1	0	0	704	166	16	2	1	0.00	8.23	0
9870097	9870096	8.15	1 1-	2 ACSR 6/1	0	0	699	166	7	0	1	0.00	8.23	0
9870117	9870166	8.12	18 1-	2 ACSR 6/1	0	0	703	166	61	8	5	0.03	8.25	1
9870100	9870117	8.28	16 1-	2 ACSR 6/1	0	0	684	165	57	7	4	0.04	8.28	2
9870084	9870100	8.65	10 1-	2 ACSR 6/1	0	0	643	163	34	4	3	0.05	8.33	1
9970104	9870084	8.73	10 1-	2 ACSR 6/1	0	0	635	162	34	4	3	0.01	8.34	0
9970108	9970104	8.82	3 1-	2 ACSR 6/1	0	0	626	162	18	2	1	0.01	8.35	0
9970109	9970108	8.87	2 1-	2 ACSR 6/1	0	0	621	161	11	1	1	0.00	8.35	0
9970111	9970108	8.89	1 1-	2 ACSR 6/1	0	0	619	161	7	0	0	0.00	8.35	0
9970112	9970111	8.98	0 1-	2 ACSR 6/1	0	0	610	160	0	0	0	0.00	8.35	0
9970113	9970104	8.80	6 1-	2 ACSR 6/1	0	0	628	162	14	1	1	0.00	8.34	0
9970092	9970113	8.84	5 1-	2 ACSR 6/1	0	0	624	161	13	1	1	0.00	8.35	0
9970093	9970092	8.97	4 1-	2 ACSR 6/1	0	0	611	161	9	1	1	0.00	8.35	0
9970094	9970093	9.00	3 1-	2 ACSR 6/1	0	0	608	160	7	0	1	0.00	8.35	0
9970097	9970094	9.12	1 1-	2 ACSR 6/1	0	0	598	160	2	0	0	0.00	8.35	0
9970098	9970097	9.21	1 1-	2 ACSR 6/1	0	0	590	159	2	0	0	0.00	8.35	0
9970096	9970094	9.07	1 1-	2 ACSR 6/1	0	0	602	160	2	0	0	0.00	8.35	0
9970095	9970094	9.06	1 1-	2 ACSR 6/1	0	0	603	160	3	0	0	0.00	8.35	0
9870101	9870100	8.31	5 1-	2 ACSR 6/1	0	0	681	165	21	2	2	0.00	8.28	0
9870102	9870101	8.36	4 1-	2 ACSR 6/1	0	0	675	165	13	1	1	0.00	8.29	0
9860068	9870102	8.47	1 1-	2 ACSR 6/1	0	0	662	164	2	0	0	0.00	8.29	0
9860061	9870102	8.39	2 1-	2 ACSR 6/1	0	0	672	164	4	0	0	0.00	8.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9860062	9860061	8.49	1 1-	2 ACSR 6/1	0	0	660	164	3	0	0	0.00	8.29	0
9870098	9870117	8.20	2 1-	2 ACSR 6/1	0	0	693	166	4	0	0	0.00	8.25	0
9870099	9870098	8.31	1 1-	2 ACSR 6/1	0	0	681	165	2	0	0	0.00	8.25	0
9870126	9870160	7.87	2 1-	2 ACSR 6/1	0	0	734	168	20	2	1	0.00	8.15	0
9870164	9870126	7.93	1 1-	2 ACSR 6/1	0	0	727	168	10	1	1	0.00	8.15	0
9870163	9870162	7.76	3 1-	2 ACSR 6/1	0	0	749	169	22	2	2	0.00	8.12	0
9870159	9870163	7.91	2 1-	2 ACSR 6/1	0	0	729	168	16	2	1	0.00	8.12	0
9870161	9870156	7.74	1 1-	2 ACSR 6/1	0	0	752	169	3	0	0	0.00	8.09	0
9870155	9870154	7.70	2 1-	2 ACSR 6/1	0	0	758	169	16	2	1	0.00	6.93	0
9970066	9970067	7.10	27 1-	2 ACSR 6/1	0	0	836	172	143	18	10	0.02	4.01	2
9970059	9970066	7.13	26 1-	2 ACSR 6/1	0	0	832	172	142	18	10	0.01	4.02	1
9970060	9970059	7.15	26 1-	2 ACSR 6/1	0	0	828	172	142	18	10	0.01	4.04	1
9970061	9970060	7.27	24 1-	2 ACSR 6/1	0	0	808	171	135	17	10	0.06	4.10	7
9970062	9970061	7.34	22 1-	2 ACSR 6/1	0	0	798	171	121	15	9	0.03	4.13	3
9970063	9970062	7.36	20 1-	2 ACSR 6/1	0	0	795	170	104	13	8	0.01	4.14	0
9970086	9970063	7.40	19 1-	2 ACSR 6/1	0	0	789	170	102	13	7	0.02	4.15	1
9970088	9970086	7.44	17 1-	2 ACSR 6/1	0	0	783	170	87	11	6	0.01	4.16	0
9970090	9970088	7.50	15 1-	2 ACSR 6/1	0	0	773	169	71	9	5	0.02	4.18	0
9970091	9970090	7.55	4 1-	2 ACSR 6/1	0	0	766	169	16	2	1	0.00	4.18	0
9970089	9970090	7.54	9 1-	2 ACSR 6/1	0	0	768	169	44	5	3	0.01	4.18	0
9970099	9970089	7.57	8 1-	2 ACSR 6/1	0	0	763	169	44	5	3	0.00	4.19	0
9970100	9970099	7.61	3 1-	2 ACSR 6/1	0	0	758	169	21	2	1	0.00	4.19	0
9970101	9970100	7.64	3 1-	2 ACSR 6/1	0	0	754	168	21	2	1	0.00	4.19	0
9970114	9970086	7.50	2 1-	2 ACSR 6/1	0	0	774	169	16	2	1	0.01	4.16	0
9980018	9970114	7.54	1 1-	2 ACSR 6/1	0	0	768	169	12	1	1	0.00	4.16	0
9980026	9980018	7.58	1 1-	2 ACSR 6/1	0	0	763	169	12	1	1	0.00	4.16	0
9970087	9970061	7.34	2 1-	2 ACSR 6/1	0	0	799	171	13	1	1	0.00	4.10	0
9970110	9970087	7.48	1 1-	2 ACSR 6/1	0	0	776	170	7	0	0	0.00	4.10	0
15070027	15070030	6.88	13 1-	2 ACSR 6/1	0	0	867	173	85	11	6	0.02	6.36	2
15070045	15070027	6.91	4 1-	2 ACSR 6/1	0	0	862	173	30	4	2	0.00	6.36	0
15070046	15070045	6.95	3 1-	2 ACSR 6/1	0	0	856	173	19	2	1	0.00	6.36	0
15070026	15070046	6.99	1 1-	2 ACSR 6/1	0	0	849	173	10	1	1	0.00	6.36	0
15070029	15070046	7.01	2 1-	2 ACSR 6/1	0	0	845	172	9	1	1	0.00	6.36	0
15070028	15070027	7.06	7 1-	2 ACSR 6/1	0	0	837	172	46	6	3	0.03	6.39	1
9980019	15070028	7.12	7 1-	2 ACSR 6/1	0	0	826	172	46	6	3	0.01	6.40	0
9980021	9980019	7.18	5 1-	2 ACSR 6/1	0	0	817	171	27	3	2	0.01	6.40	0
9980023	9980021	7.24	2 1-	2 ACSR 6/1	0	0	807	171	12	1	1	0.00	6.40	0
9980022	9980021	7.24	2 1-	2 ACSR 6/1	0	0	807	171	8	1	1	0.00	6.40	0
9980020	9980022	7.34	2 1-	2 ACSR 6/1	0	0	791	170	8	1	1	0.00	6.41	0
9980017	9980019	7.17	1 1-	2 ACSR 6/1	0	0	818	171	11	1	1	0.00	6.40	0
9980007	15070028	7.12	0 1-	2 ACSR 6/1	0	0	826	172	0	0	0	0.00	6.39	0
15270036	15270050	5.36	4 1-	2 ACSR 6/1	0	0	1063	177	34	4	2	0.02	2.79	0
15280015	15270036	5.44	3 1-	2 ACSR 6/1	0	0	1041	176	25	3	2	0.01	2.80	0
15280016	15280015	5.55	3 1-	2 ACSR 6/1	0	0	1014	175	25	3	2	0.01	2.80	0
15280017	15280016	5.77	2 1-	2 ACSR 6/1	0	0	962	174	10	1	1	0.01	2.81	0
15280018	15280017	5.91	1 1-	2 ACSR 6/1	0	0	931	173	8	1	1	0.00	2.82	0
15280025	15280018	5.95	1 1-	2 ACSR 6/1	0	0	922	172	8	1	1	0.00	2.82	0
15280026	15280025	5.99	1 1-	2 ACSR 6/1	0	0	914	172	8	1	1	0.00	2.82	0
15280019	15280026	6.16	1 1-	2 ACSR 6/1	0	0	881	171	8	1	1	0.00	2.82	0
15280011	15280026	6.07	0 1-	2 ACSR 6/1	0	0	898	171	0	0	0	0.00	2.82	0
20851539	15270049	5.04	5 1-	2 ACSR 6/1	0	0	1136	178	24	3	2	0.00	5.34	0
15270048	15270047	5.00	1 1-	2 ACSR 6/1	0	0	1122	178	2	0	0	0.00	2.56	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15270029	15270028	4.76	1 1-	2 ACSR 6/1	0	0	1188	179	6	0	0	0.00	5.71	0
15270032	15270046	4.59	1 1-	2 ACSR 6/1	0	0	1223	179	7	0	1	0.00	5.61	0
20850585	15370033	4.20	1 1-	2 ACSR 6/1	0	0	1310	180	6	0	0	0.00	4.73	0
15270024	15370033	4.12	8 1-	2 ACSR 6/1	0	0	1342	181	34	4	2	0.01	4.74	0
D15-27-P038	15270024	4.12	8 1-	REC-70-L	0	0	1342	181	34	4	6	0.00	4.74	0
15270019	D15-27-P038	4.43	8 1-	2 ACSR 6/1	0	0	1223	178	34	4	2	0.04	4.78	1
15270025	15270019	4.50	1 1-	2 ACSR 6/1	0	0	1196	178	6	0	0	0.00	4.78	0
15270020	15270019	4.46	7 1-	2 ACSR 6/1	0	0	1211	178	28	3	2	0.00	4.78	0
15270027	15270020	4.54	1 1-	2 ACSR 6/1	0	0	1185	177	3	0	0	0.00	4.78	0
15270026	15270020	4.59	1 1-	2 ACSR 6/1	0	0	1165	177	4	0	0	0.00	4.78	0
15270021	15270020	4.62	5 1-	2 ACSR 6/1	0	0	1158	177	21	2	2	0.01	4.79	0
15270030	15270021	4.67	1 1-	2 ACSR 6/1	0	0	1142	177	3	0	0	0.00	4.79	0
15270022	15270021	5.10	4 1-	2 ACSR 6/1	0	0	1017	173	19	2	1	0.03	4.83	0
15260009	15270022	5.19	1 1-	2 ACSR 6/1	0	0	996	173	9	1	1	0.00	4.83	0
15260006	15270022	5.39	3 1-	2 ACSR 6/1	0	0	947	171	10	1	1	0.01	4.84	0
15260008	15260006	5.55	3 1-	2 ACSR 6/1	0	0	912	170	10	1	1	0.01	4.85	0
15260010	15260008	5.63	2 1-	2 ACSR 6/1	0	0	895	170	3	0	0	0.00	4.85	0
15260011	15260008	5.72	1 1-	2 ACSR 6/1	0	0	876	169	7	0	1	0.00	4.85	0
15160025	15260011	5.86	0 1-	2 ACSR 6/1	0	0	851	168	0	0	0	0.00	4.85	0
15-16-P033-B	15160025	5.86	0 1-	Open	0	0	851	168	0	0	0	0.00	4.85	0
15260007	15260006	5.46	0 1-	2 ACSR 6/1	0	0	932	171	0	0	0	0.00	4.84	0
20850358	20850357	3.69	4 1-	2 ACSR 6/1	0	0	1435	181	19	2	1	0.01	1.77	0
20850382	20850358	3.75	2 1-	2 ACSR 6/1	0	0	1407	181	14	1	1	0.00	1.77	0
20850381	20850358	3.76	1 1-	2 ACSR 6/1	0	0	1401	180	5	0	0	0.00	1.77	0
15360038	15360037	2.21	137 3-	1/0 CU	2717	2527	2096	185	616	26	9	0.02	2.26	23
15360039	15360038	2.25	2 1-	2 ACSR 6/1	0	0	2062	185	13	1	1	0.00	2.59	0
15360052	15360039	2.30	1 1-	2 ACSR 6/1	0	0	2010	184	4	0	0	0.00	2.59	0
15360024	15360038	2.25	135 3-	1/0 CU	2686	2495	2066	185	603	26	9	0.01	2.28	7
D15-36-P014	15360024	2.25	135 3-	REC-100-L	2686	2495	2066	185	603	26	26	0.00	2.28	0
15360025	D15-36-P014	2.31	135 3-	1/0 CU	2643	2453	2027	185	603	26	9	0.01	2.29	10
15460020	15360025	2.39	3 1-	2 ACSR 6/1	0	0	1954	184	21	2	1	0.01	2.61	0
15460021	15460020	2.48	2 1-	2 ACSR 6/1	0	0	1874	183	15	1	1	0.00	2.61	0
15460019	15360025	2.35	131 3-	1/0 CU	2607	2418	1994	185	573	24	8	0.01	2.30	8
15460025	15460019	2.50	127 3-	1/0 CU	2502	2315	1898	184	558	24	8	0.02	2.34	25
15460028	15460025	2.63	125 3-	1/0 CU	2416	2231	1821	184	543	23	8	0.01	2.37	20
15460030	15460028	2.82	122 3-	1/0 CU	2295	2114	1715	183	523	22	7	0.02	2.41	29
15460031	15460030	2.98	121 3-	1/0 CU	2208	2029	1640	182	522	22	7	0.02	2.45	22
15460037	15460031	3.01	31 1-	2 ACSR 6/1	0	0	1623	182	145	18	10	0.01	2.69	2
D15-46-P011	15460037	3.01	29 1-	REC-50-H	0	0	1623	182	139	17	36	0.00	2.69	0
15460032	D15-46-P011	3.20	29 1-	2 ACSR 6/1	0	0	1512	181	139	17	10	0.10	2.79	11
15460022	15460032	3.38	29 1-	2 ACSR 6/1	0	0	1418	179	139	17	10	0.09	2.88	10
15560027	15460022	3.62	28 1-	2 ACSR 6/1	0	0	1308	177	136	17	10	0.12	3.00	13
15560035	15560027	3.67	1 1-	2 ACSR 6/1	0	0	1284	177	5	0	0	0.00	3.00	0
15560033	15560027	3.69	26 1-	2 ACSR 6/1	0	0	1278	177	128	16	9	0.03	3.04	3
15560034	15560033	3.81	25 1-	2 ACSR 6/1	0	0	1230	176	125	16	9	0.06	3.09	5
15560028	15560034	4.31	23 1-	2 ACSR 6/1	0	0	1062	172	120	15	9	0.23	3.32	22
15550015	15560028	4.36	1 1-	2 ACSR 6/1	0	0	1049	172	10	1	1	0.00	3.32	0
15550020	15560028	4.45	1 1-	2 ACSR 6/1	0	0	1024	171	2	0	0	0.00	3.32	0
15550006	15560028	4.60	21 1-	2 ACSR 6/1	0	0	985	170	107	13	8	0.11	3.43	10
15550010	15550006	4.89	19 1-	2 ACSR 6/1	0	0	917	168	100	12	7	0.11	3.54	8
15550014	15550010	4.95	0 1-	2 ACSR 6/1	0	0	903	168	0	0	0	0.00	3.54	0
15550013	15550010	4.93	17 1-	2 ACSR 6/1	0	0	908	168	86	11	6	0.01	3.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15550018	15550013	5.02	16 1-	2 ACSR 6/1	0	0	889	167	78	10	6	0.02	3.58	1
15550019	15550018	5.05	15 1-	2 ACSR 6/1	0	0	882	167	69	8	5	0.01	3.59	0
15550012	15550019	5.12	14 1-	2 ACSR 6/1	0	0	869	167	60	7	4	0.01	3.60	0
15540088	15550012	5.19	12 1-	2 ACSR 6/1	0	0	855	166	53	6	4	0.01	3.61	0
15540089	15540088	5.29	10 1-	2 ACSR 6/1	0	0	836	166	45	5	3	0.02	3.63	0
15540087	15540089	5.43	9 1-	2 ACSR 6/1	0	0	811	165	38	4	3	0.02	3.65	0
15540082	15540087	5.49	1 1-	2 ACSR 6/1	0	0	800	164	2	0	0	0.00	3.65	0
15540081	15540087	5.49	8 1-	2 ACSR 6/1	0	0	800	164	36	4	3	0.01	3.66	0
15540086	15540081	5.58	7 1-	2 ACSR 6/1	0	0	785	164	29	3	2	0.01	3.67	0
15440007	15540086	5.69	4 1-	2 ACSR 6/1	0	0	768	163	25	3	2	0.01	3.67	0
D15-44-P046	15440007	5.69	3 1-	FUS	0	0	768	163	17	2	50	0.00	3.67	0
15440005	D15-44-P046	6.00	3 1-	2 ACSR 6/1	0	0	722	161	17	2	1	0.01	3.69	0
15440006	15440005	6.05	1 1-	2 ACSR 6/1	0	0	715	161	7	0	1	0.00	3.69	0
15540083	15550012	5.20	2 1-	2 ACSR 6/1	0	0	853	166	7	0	1	0.00	3.60	0
15540084	15540083	5.26	0 1-	2 ACSR 6/1	0	0	841	166	0	0	0	0.00	3.60	0
15540054	15540083	5.24	1 1-	2 ACSR 6/1	0	0	845	166	5	0	0	0.00	3.60	0
15540066	15540054	5.28	0 1-	2 ACSR 6/1	0	0	837	166	0	0	0	0.00	3.60	0
15540085	15540054	5.31	1 1-	2 ACSR 6/1	0	0	833	165	5	0	0	0.00	3.60	0
15550011	15550010	5.02	1 1-	2 ACSR 6/1	0	0	889	167	11	1	1	0.00	3.54	0
15550007	15550006	4.62	2 1-	2 ACSR 6/1	0	0	980	170	7	0	0	0.00	3.43	0
15550009	15550007	4.67	2 1-	15 KV 2 URD XLP	0	0	971	371	7	0	1	0.00	3.43	0
15460041	15460037	3.04	2 1-	2 ACSR 6/1	0	0	1604	182	6	0	0	0.00	2.69	0
15460038	15460041	3.09	1 1-	2 ACSR 6/1	0	0	1575	181	3	0	0	0.00	2.69	0
15460018	15460031	3.15	89 3-	1/0 CU	2116	1941	1562	182	370	16	5	-0.03	2.48	19
15460035	15460018	3.37	89 3-	1/0 CU	2013	1841	1475	181	370	16	5	-0.03	2.51	23
15460039	15460035	3.59	0 1-	2 ACSR 6/1	0	0	1366	179	0	0	0	0.00	2.62	0
15460036	15460035	3.54	89 3-	1/0 CU	1937	1769	1412	180	370	16	5	-0.03	2.54	18
15560029	15460036	3.64	0 1-	2 ACSR 6/1	0	0	1367	179	0	0	0	0.00	3.96	0
15560017	15460036	3.62	89 3-	1/0 CU	1903	1736	1384	180	369	16	5	-0.01	2.56	9
15560036	15560017	3.70	83 3-	1/0 CU	1872	1707	1359	179	341	14	5	-0.02	2.57	8
D15-56-P015	15560036	3.70	1 1-	FUS-30	0	0	1359	179	5	0	2	0.00	2.56	0
15560041	D15-56-P015	4.04	1 1-	2 ACSR 6/1	0	0	1222	177	5	0	0	0.00	2.56	0
15560037	15560036	3.76	81 3-	1/0 CU	1849	1686	1340	179	335	14	5	-0.01	2.58	6
15560042	15560037	3.86	80 3-	1/0 CU	1811	1649	1309	179	332	14	5	-0.02	2.59	10
15570068	15560042	3.99	79 3-	1/0 CU	1762	1603	1270	178	321	13	5	-0.03	2.61	14
15570051	15570068	4.13	78 3-	1/0 CU	1714	1558	1232	178	317	13	5	-0.03	2.63	14
15570052	15570051	4.15	71 1-	2 ACSR 6/1	0	0	1223	178	259	33	19	0.02	4.29	5
D15-57-P043	15570052	4.15	69 1-	REC-70-4H	0	0	1223	178	252	33	47	0.00	4.29	0
15570054	D15-57-P043	4.24	69 1-	2 ACSR 6/1	0	0	1193	177	252	33	18	0.08	4.37	16
15570055	15570054	4.44	68 1-	2 ACSR 6/1	0	0	1127	176	245	32	18	0.19	4.56	36
15560018	15570055	4.54	68 1-	2 ACSR 6/1	0	0	1097	175	244	32	18	0.09	4.65	17
15560024	15560018	4.79	64 1-	2 ACSR 6/1	0	0	1025	173	226	29	17	0.22	4.87	39
15560025	15560024	4.94	62 1-	2 ACSR 6/1	0	0	987	172	223	29	16	0.13	4.99	23
15560026	15560025	4.99	1 1-	2 ACSR 6/1	0	0	974	172	5	0	0	0.00	4.99	0
15560022	15560025	5.01	61 1-	2 ACSR 6/1	0	0	970	171	218	28	16	0.06	5.05	10
15560021	15560022	5.38	61 1-	2 ACSR 6/1	0	0	888	169	218	28	16	0.31	5.36	54
20851319	15560021	5.46	2 1-	2 ACSR 6/1	0	0	872	168	7	0	1	0.00	5.36	0
15660017	15560021	5.44	59 1-	2 ACSR 6/1	0	0	876	168	210	27	15	0.05	5.41	8
20851329	15660017	5.53	58 1-	2 ACSR 6/1	0	0	858	168	208	27	15	0.07	5.48	12
20851517	20851329	5.68	56 1-	2 ACSR 6/1	0	0	831	167	189	25	14	0.11	5.58	16
20851523	20851517	5.74	8 1-	2 ACSR 6/1	0	0	820	166	23	3	2	0.01	5.59	0
20851421	20851523	5.80	1 1-	2 ACSR 6/1	0	0	811	166	5	0	0	0.00	5.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851422	20851421	5.86	0 1-	2 ACSR 6/1	0	0	801	166	0	0	0	0.00	5.59	0
20851420	20851523	5.94	5 1-	2 ACSR 6/1	0	0	787	165	15	2	1	0.01	5.60	0
20851352	20851420	6.04	3 1-	2 ACSR 6/1	0	0	771	164	11	1	1	0.00	5.60	0
20851423	20851352	6.11	2 1-	2 ACSR 6/1	0	0	760	164	9	1	1	0.00	5.61	0
D15-66-P016	20851423	6.11	1 1-	FUS-20	0	0	760	164	3	0	2	0.00	5.61	0
15660014	D15-66-P016	6.25	1 1-	2 ACSR 6/1	0	0	740	163	3	0	0	0.00	5.61	0
20851547	15660014	6.44	1 1-	2 ACSR 6/1	0	0	713	162	3	0	0	0.00	5.61	0
20851548	20851547	6.49	0 1-	2 ACSR 6/1	0	0	707	161	0	0	0	0.00	5.61	0
20851353	15660014	6.45	0 1-	2 ACSR 6/1	0	0	712	162	0	0	0	0.00	5.61	0
20851351	20851420	6.00	2 1-	2 ACSR 6/1	0	0	777	165	4	0	0	0.00	5.60	0
15660015	20851517	5.83	48 1-	2 ACSR 6/1	0	0	804	166	166	21	12	0.10	5.68	13
20851419	15660015	5.90	1 1-	2 ACSR 6/1	0	0	794	165	1	0	0	0.00	5.68	0
15660019	15660015	5.90	1 1-	2 ACSR 6/1	0	0	793	165	5	0	0	0.00	5.68	0
15660016	15660015	5.94	46 1-	2 ACSR 6/1	0	0	787	165	159	21	12	0.06	5.74	8
15660018	15660016	6.12	45 1-	2 ACSR 6/1	0	0	758	164	156	20	11	0.11	5.86	14
20851418	15660018	6.23	2 1-	2 ACSR 6/1	0	0	742	163	7	0	0	0.00	5.86	0
15660020	20851418	6.27	1 1-	2 ACSR 6/1	0	0	737	163	3	0	0	0.00	5.86	0
20851331	15660018	6.22	43 1-	2 ACSR 6/1	0	0	744	163	149	19	11	0.05	5.91	7
20851332	20851331	6.29	42 1-	2 ACSR 6/1	0	0	734	163	147	19	11	0.04	5.95	5
20851196	20851332	6.33	1 1-	2 ACSR 6/1	0	0	728	162	2	0	0	0.00	5.95	0
20851195	20851332	6.61	40 1-	2 ACSR 6/1	0	0	692	161	144	19	11	0.18	6.13	21
20851142	20851195	6.71	2 1-	2 ACSR 6/1	0	0	679	160	14	1	1	0.00	6.13	0
15650003	20851195	6.88	38 1-	2 ACSR 6/1	0	0	659	159	130	17	10	0.14	6.26	15
15750007	15650003	6.96	2 1-	2 ACSR 6/1	0	0	650	158	10	1	1	0.00	6.26	0
15750002	15650003	7.13	36 1-	2 ACSR 6/1	0	0	631	157	120	15	9	0.12	6.38	11
15750006	15750002	7.16	1 1-	2 ACSR 6/1	0	0	628	157	4	0	0	0.00	6.38	0
15750004	15750002	7.20	35 1-	2 ACSR 6/1	0	0	623	157	116	15	9	0.03	6.41	3
15750005	15750004	7.63	34 1-	2 ACSR 6/1	0	0	582	154	115	15	9	0.19	6.60	17
15750008	15750005	7.67	32 1-	2 ACSR 6/1	0	0	579	154	112	14	8	0.02	6.61	1
15750009	15750008	7.71	2 1-	2 ACSR 6/1	0	0	575	154	8	1	1	0.00	6.62	0
15750003	15750008	7.88	30 1-	2 ACSR 6/1	0	0	560	153	104	13	8	0.08	6.70	7
15740003	15750003	7.91	29 1-	2 ACSR 6/1	0	0	558	153	94	12	7	0.01	6.71	0
15740005	15740003	8.22	27 1-	2 ACSR 6/1	0	0	534	151	92	12	7	0.11	6.81	8
15740006	15740005	8.29	26 1-	2 ACSR 6/1	0	0	528	150	90	12	7	0.03	6.84	2
15740004	15740006	8.35	1 1-	2 ACSR 6/1	0	0	524	150	2	0	0	0.00	6.84	0
15740015	15740006	8.37	25 1-	2 ACSR 6/1	0	0	522	150	88	11	7	0.03	6.87	2
15740016	15740015	8.43	24 1-	2 ACSR 6/1	0	0	518	150	84	11	6	0.02	6.88	1
15740014	15740016	8.50	22 1-	2 ACSR 6/1	0	0	513	149	76	10	6	0.02	6.90	1
D15-74-P013	15740014	8.50	1 1-	FUS-25	0	0	513	149	7	0	4	0.00	6.90	0
15740024	D15-74-P013	8.61	1 1-	2 ACSR 6/1	0	0	505	149	7	0	1	0.00	6.90	0
15740019	15740014	8.56	3 1-	2 ACSR 6/1	0	0	509	149	10	1	1	0.00	6.91	0
15740007	15740019	8.63	1 1-	2 ACSR 6/1	0	0	503	149	5	0	0	0.00	6.91	0
15740013	15740014	8.63	16 1-	2 ACSR 6/1	0	0	504	149	52	6	4	0.02	6.93	0
15740022	15740013	8.73	5 1-	2 ACSR 6/1	0	0	497	148	19	2	1	0.01	6.93	0
15740018	15740022	8.90	1 1-	2 ACSR 6/1	0	0	486	147	6	0	0	0.00	6.94	0
15740017	15740022	8.81	1 1-	2 ACSR 6/1	0	0	492	148	5	0	0	0.00	6.93	0
15740008	15740013	8.72	9 1-	2 ACSR 6/1	0	0	498	148	27	3	2	0.01	6.94	0
15740020	15740008	8.76	2 1-	2 ACSR 6/1	0	0	495	148	7	0	1	0.00	6.94	0
15740021	15740020	8.79	1 1-	2 ACSR 6/1	0	0	493	148	7	0	0	0.00	6.94	0
15740011	15740008	8.88	6 1-	2 ACSR 6/1	0	0	487	147	19	2	1	0.01	6.95	0
15740012	15740011	8.94	1 1-	2 ACSR 6/1	0	0	483	147	10	1	1	0.00	6.95	0
15740009	15740012	9.02	0 1-	2 ACSR 6/1	0	0	479	146	0	0	0	0.00	6.95	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15740010	15740011	8.99	3 1-	2 ACSR 6/1	0	0	480	147	4	0	0	0.00	6.95	0
15740002	15740010	9.03	1 1-	2 ACSR 6/1	0	0	478	146	1	0	0	0.00	6.95	0
15750010	15750005	7.71	1 1-	2 ACSR 6/1	0	0	575	154	1	0	0	0.00	6.60	0
20851194	20851332	6.35	1 1-	2 ACSR 6/1	0	0	725	162	1	0	0	0.00	5.95	0
20851330	15660016	5.97	1 1-	2 ACSR 6/1	0	0	782	165	3	0	0	0.00	5.75	0
20851328	15660017	5.48	1 1-	2 ACSR 6/1	0	0	868	168	1	0	0	0.00	5.41	0
15560019	15560018	4.56	3 1-	2 ACSR 6/1	0	0	1091	175	7	0	1	0.00	4.65	0
15560020	15560019	4.63	3 1-	2 ACSR 6/1	0	0	1068	174	7	0	1	0.00	4.65	0
15560023	15560020	4.71	2 1-	2 ACSR 6/1	0	0	1047	174	4	0	0	0.00	4.65	0
15570053	15570052	4.20	1 1-	2 ACSR 6/1	0	0	1206	177	3	0	0	0.00	4.29	0
15570041	15570051	4.20	7 3-	1/0 CU	1691	1535	1213	178	57	2	1	0.00	2.63	0
15570042	15570041	4.22	7 3-	1/0 CU	1686	1531	1209	178	57	2	1	0.00	2.63	0
15570056	15570042	4.27	2 1-	2 ACSR 6/1	0	0	1191	177	18	2	1	0.00	4.27	0
15570043	15570042	4.51	5 3-	1/0 CU	1595	1446	1138	176	39	1	1	0.02	2.64	0
15570069	15570043	4.56	2 1-	2 ACSR 6/1	0	0	1122	176	23	2	2	0.00	2.48	0
15570067	15570043	4.57	1 1-	2 ACSR 6/1	0	0	1119	176	9	1	1	0.00	1.15	0
15570066	15570067	4.62	1 1-	2 ACSR 6/1	0	0	1103	176	9	1	1	0.00	1.15	0
15570044	15570043	4.59	2 3-	1/0 CU	1571	1423	1118	176	7	0	0	0.00	2.64	0
15570045	15570044	4.68	1 3-	1/0 CU	1546	1399	1099	176	3	0	0	0.00	2.64	0
15570046	15570045	4.80	0 1-	2 ACSR 6/1	0	0	1066	175	0	0	0	0.00	4.27	0
15570033	15570045	4.79	1 3-	1/0 CU	1518	1373	1077	175	3	0	0	0.00	2.64	0
15570048	15570033	4.89	0 3-	1/0 CU	1492	1349	1057	175	0	0	0	0.00	2.64	0
15570057	15570048	4.94	0 3-	1/0 CU	1479	1337	1048	175	0	0	0	0.00	2.64	0
15-57-P022-B	15570057	4.94	0 3-	Open	1479	1337	1048	175	0	0	0	0.00	2.64	0
15570047	15570033	4.87	1 1-	2 ACSR 6/1	0	0	1056	175	3	0	0	0.00	2.48	0
15560038	15560037	3.81	1 1-	2 ACSR 6/1	0	0	1316	179	2	0	0	0.00	4.07	0
15560031	15560017	3.67	5 1-	2 ACSR 6/1	0	0	1364	179	28	3	2	0.00	2.58	0
15560032	15560031	3.69	0 1-	2 ACSR 6/1	0	0	1355	179	0	0	0	0.00	2.58	0
15560039	15560031	3.69	3 1-	2 ACSR 6/1	0	0	1352	179	17	2	1	0.00	2.58	0
15560040	15560039	3.77	2 1-	2 ACSR 6/1	0	0	1318	179	12	1	1	0.00	2.58	0
15560030	15560017	3.66	1 1-	2 ACSR 6/1	0	0	1366	179	0	0	0	0.00	4.00	0
15460033	15460018	3.31	0 1-	2 ACSR 6/1	0	0	1476	180	0	0	0	0.00	3.75	0
15460034	15460033	3.35	0 1-	2 ACSR 6/1	0	0	1453	180	0	0	0	0.00	3.75	0
15460029	15460028	2.69	1 1-	2 ACSR 6/1	0	0	1779	183	3	0	0	0.00	3.43	0
15460026	15460025	2.55	2 1-	2 ACSR 6/1	0	0	1858	184	15	1	1	0.00	2.63	0
15460027	15460026	2.60	1 1-	2 ACSR 6/1	0	0	1817	183	9	1	1	0.00	2.63	0
15460024	15460019	2.39	1 1-	2 ACSR 6/1	0	0	1966	184	10	1	1	0.00	3.25	0
15460023	15460019	2.48	1 1-	2 ACSR 6/1	0	0	1886	184	1	0	0	0.00	2.61	0
15360033	15360032	1.94	3 1-	2 ACSR 6/1	0	0	2281	186	19	2	1	0.00	2.78	0
15360035	15360033	1.98	1 1-	2 ACSR 6/1	0	0	2228	185	8	1	1	0.00	2.79	0
15360034	15360033	1.99	1 1-	2 ACSR 6/1	0	0	2222	185	9	1	1	0.00	2.79	0
15360029	15350028	1.79	1 1-	2 ACSR 6/1	0	0	2328	185	4	0	0	0.00	2.35	0
15360028	15350028	1.65	2 1-	2 ACSR 6/1	0	0	2500	186	4	0	0	0.00	2.01	0
20850354	20850353	1.46	1 1-	2 ACSR 6/1	0	0	2692	187	3	0	0	0.00	2.07	0
15350039	15350044	1.26	0 1-	2 ACSR 6/1	0	0	2783	186	0	0	0	0.00	1.52	0
15350040	15350039	1.46	0 1-	2 ACSR 6/1	0	0	2462	185	0	0	0	0.00	1.52	0
15350036	15350034	0.49	4 1-	2 ACSR 6/1	0	0	4208	189	10	1	1	0.00	0.29	0
15350037	15350036	0.54	3 1-	2 ACSR 6/1	0	0	4003	188	9	1	1	0.00	0.29	0
15350038	15350037	0.61	2 1-	2 ACSR 6/1	0	0	3790	188	6	0	0	0.00	0.29	0
15350049	15350038	0.67	1 1-	2 ACSR 6/1	0	0	3595	187	0	0	0	0.00	0.29	0
15350035	15350034	0.49	23 1-	2 ACSR 6/1	0	0	4174	189	121	15	9	0.03	0.32	3
D15-35-P012	15350035	0.49	23 1-	REC-35-L	0	0	4174	189	121	15	44	0.00	0.32	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROF	TOTAL DROF	LINE LOSS
15350027	D15-35-P012	0.64	23 1-	2 ACSR 6/1	0	0	3678	188	121	15	9	0.07	0.38	6
20850518	15350027	0.71	22 1-	2 ACSR 6/1	0	0	3473	187	115	14	8	0.03	0.41	2
20850520	20850518	0.77	4 1-	2 ACSR 6/1	0	0	3320	187	20	2	1	0.00	0.42	0
20850521	20850520	0.82	3 1-	2 ACSR 6/1	0	0	3187	186	17	2	1	0.00	0.42	0
20850519	20850518	0.84	17 1-	2 ACSR 6/1	0	0	3151	186	87	11	6	0.04	0.45	3
15450004	20850519	0.88	16 1-	2 ACSR 6/1	0	0	3052	186	79	10	6	0.01	0.46	0
15450005	15450004	0.92	13 1-	2 ACSR 6/1	0	0	2964	185	64	8	5	0.01	0.47	0
15450006	15450005	0.96	12 1-	2 ACSR 6/1	0	0	2890	185	56	7	4	0.01	0.48	0
15450007	15450006	1.02	1 1-	2 ACSR 6/1	0	0	2763	185	10	1	1	0.00	0.48	0
15450002	15450006	1.02	11 1-	2 ACSR 6/1	0	0	2756	185	46	5	3	0.01	0.49	0
15450008	15450002	1.09	10 1-	2 ACSR 6/1	0	0	2632	184	40	5	3	0.01	0.50	0
15450012	15450008	1.15	1 1-	2 ACSR 6/1	0	0	2536	184	5	0	0	0.00	0.50	0
15450009	15450008	1.13	8 1-	2 ACSR 6/1	0	0	2563	184	33	4	2	0.00	0.51	0
15450013	15450009	1.18	1 1-	2 ACSR 6/1	0	0	2492	183	8	1	1	0.00	0.51	0
15450011	15450009	1.15	7 1-	2 ACSR 6/1	0	0	2529	184	25	3	2	0.00	0.51	0
15450014	15450011	1.24	5 1-	2 ACSR 6/1	0	0	2404	183	21	2	1	0.01	0.51	0
15450015	15450014	1.27	4 1-	2 ACSR 6/1	0	0	2357	183	20	2	1	0.00	0.52	0
15450016	15450015	1.31	3 1-	2 ACSR 6/1	0	0	2293	182	16	2	1	0.00	0.52	0
15450017	15450016	1.40	2 1-	2 ACSR 6/1	0	0	2183	182	7	0	0	0.00	0.52	0
15450018	15450017	1.51	1 1-	2 ACSR 6/1	0	0	2060	181	6	0	0	0.00	0.52	0
15450003	15450004	0.93	2 1-	2 ACSR 6/1	0	0	2936	185	10	1	1	0.00	0.47	0
15450010	15450003	1.09	1 1-	2 ACSR 6/1	0	0	2639	184	8	1	1	0.00	0.47	0
15450001	20850519	1.03	1 1-	2 ACSR 6/1	0	0	2751	185	8	0	1	0.00	0.46	0
20850355	15350027	0.82	1 1-	2 ACSR 6/1	0	0	3199	186	5	0	0	0.00	0.39	0
15350031	15350030	0.42	6 1-	2 ACSR 6/1	0	0	4332	189	29	3	2	0.01	0.46	0
15350032	15350031	0.51	5 1-	2 ACSR 6/1	0	0	3993	188	26	3	2	0.01	0.46	0
15350033	15350032	0.55	1 1-	2 ACSR 6/1	0	0	3847	188	8	1	1	0.00	0.47	0
CKT 2 total losses:		\$24,600												
SUB 22, CKT 3														
BK2203	ROCKHOLD(22)	0.00	607 3-	BK2203	5666	5746	5966	190	2735	114	30	0.00	0.00	0
15340086	BK2203	0.01	607 3-	336 ACSR 18/1	5626	5699	5896	190	2735	114	22	0.01	0.01	18
15340095	15340086	0.10	607 3-	336 ACSR 18/1	5405	5435	5514	190	2735	114	22	0.06	0.06	103
15340097	15340095	0.16	605 3-	336 ACSR 18/1	5268	5273	5287	190	2724	113	21	0.04	0.09	67
15340188	15340097	0.19	4 1-	2 ACSR 6/1	0	0	5141	190	29	3	2	0.00	0.07	0
15340187	15340188	0.23	3 1-	2 ACSR 6/1	0	0	4935	189	23	2	2	0.00	0.07	0
20851897	15340187	0.32	2 1-	2 ACSR 6/1	0	0	4521	189	16	2	1	0.00	0.08	0
15340098	15340097	0.19	596 3-	336 ACSR 18/1	5197	5189	5171	190	2677	111	21	0.02	0.11	35
15340118	15340098	0.26	594 3-	336 ACSR 18/1	5051	5019	4941	190	2669	111	21	0.04	0.14	75
15340121	15340118	0.34	589 3-	336 ACSR 18/1	4875	4816	4673	189	2657	110	21	0.06	0.19	95
D15-34-P068	15340121	0.34	2 1-	FUS-50	0	0	4673	189	17	2	5	0.00	0.19	0
20851862	D15-34-P068	0.50	2 1-	2 ACSR 6/1	0	0	4075	188	17	2	1	0.01	0.19	0
20851850	20851862	0.52	1 1-	2 ACSR 6/1	0	0	3980	188	13	1	1	0.00	0.20	0
20852042	20851850	0.55	1 1-	2 ACSR 6/1	0	0	3882	188	13	1	1	0.00	0.20	0
15340125	15340121	0.43	1 1-	2 ACSR 6/1	0	0	4312	189	2	0	0	0.00	0.23	0
15340160	15340121	0.46	584 3-	336 ACSR 18/1	4648	4557	4343	189	2628	109	21	0.08	0.25	129
15340192	15340160	0.50	579 3-	336 ACSR 18/1	4579	4481	4247	189	2578	107	20	0.03	0.27	40
15340190	15340192	0.52	578 3-	336 ACSR 18/1	4540	4437	4192	189	2574	107	20	0.01	0.28	23
15340191	15340190	0.55	9 1-	2 ACSR 6/1	0	0	4110	189	23	2	2	0.00	0.35	0
15340193	15340191	0.57	7 1-	2 ACSR 6/1	0	0	4039	189	18	2	1	0.00	0.35	0
15340163	15340190	0.57	561 3-	336 ACSR 18/1	4464	4352	4088	189	2521	105	20	0.03	0.30	44
15340164	15340163	0.65	556 3-	336 ACSR 18/1	4336	4210	3915	189	2502	104	20	0.05	0.34	77

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852043	15340164	0.78	552 3-	336 ACSR 18/1	4138	3994	3660	189	2495	104	20	0.08	0.40	127
20852044	20852043	0.81	551 3-	336 ACSR 18/1	4098	3950	3608	188	2481	103	20	0.02	0.42	27
20852046	20852044	0.82	222 3-	2 ACSR 6/1	4061	3909	3564	188	1100	46	26	0.02	0.43	16
20852047	20852046	0.87	220 3-	2 ACSR 6/1	3947	3784	3431	188	1084	45	25	0.07	0.49	50
D15-44-P050	20852047	0.87	220 3-	REC-100-L	3947	3784	3431	188	1083	45	46	0.00	0.49	0
15440009	D15-44-P050	0.96	220 3-	2 ACSR 6/1	3755	3574	3215	187	1083	45	25	0.12	0.59	86
15440010	15440009	1.00	216 3-	2 ACSR 6/1	3673	3486	3126	187	1056	44	25	0.05	0.63	37
20852237	15440010	1.31	2 1-	2 ACSR 6/1	0	0	2552	185	4	0	0	0.00	0.56	0
15440008	15440010	1.08	213 3-	2 ACSR 6/1	3511	3313	2956	186	1045	44	25	0.11	0.71	74
15340148	15440008	1.11	212 3-	2 ACSR 6/1	3460	3259	2903	186	1040	44	25	0.04	0.74	24
15340081	15340148	1.51	209 3-	2 ACSR 6/1	2800	2577	2265	183	1024	43	24	0.56	1.16	357
15330003	15340081	1.56	207 3-	2 ACSR 6/1	2731	2508	2203	183	1013	43	24	0.07	1.21	44
15330028	15330003	1.64	206 3-	2 ACSR 6/1	2625	2402	2107	182	1013	43	24	0.11	1.30	71
D15-33-P019	15330028	1.64	29 1-	REC-35-L	0	0	2107	182	141	18	51	0.00	1.13	0
15330041	D15-33-P019	1.71	29 1-	2 ACSR 6/1	0	0	2030	181	141	18	10	0.04	1.17	4
15330042	15330041	1.86	25 1-	2 ACSR 6/1	0	0	1883	180	133	16	9	0.07	1.24	8
15330059	15330042	2.32	22 1-	2 ACSR 6/1	0	0	1539	177	118	15	8	0.19	1.43	17
15330062	15330059	2.38	2 1-	2 ACSR 6/1	0	0	1502	176	5	0	0	0.00	1.43	0
15330061	15330059	2.36	0 1-	2 ACSR 6/1	0	0	1509	177	0	0	0	0.00	1.43	0
15330060	15330059	2.45	1 1-	2 ACSR 6/1	0	0	1460	176	11	1	1	0.00	1.43	0
15330035	15330059	2.40	18 1-	2 ACSR 6/1	0	0	1487	176	93	11	7	0.03	1.46	2
15330037	15330035	2.50	15 1-	2 ACSR 6/1	0	0	1434	176	69	8	5	0.02	1.48	1
15330039	15330037	2.56	10 1-	2 ACSR 6/1	0	0	1401	175	53	6	4	0.01	1.49	0
20851901	15330039	2.67	1 1-	2 ACSR 6/1	0	0	1346	174	2	0	0	0.00	1.49	0
15330032	15330039	2.62	7 1-	2 ACSR 6/1	0	0	1371	175	38	4	3	0.01	1.50	0
15330033	15330032	2.68	6 1-	2 ACSR 6/1	0	0	1339	174	32	4	2	0.01	1.51	0
15330034	15330033	2.75	5 1-	2 ACSR 6/1	0	0	1307	174	27	3	2	0.00	1.51	0
15320035	15330034	2.85	2 1-	2 ACSR 6/1	0	0	1262	173	6	0	0	0.00	1.51	0
15330040	15320035	2.96	1 1-	2 ACSR 6/1	0	0	1220	172	3	0	0	0.00	1.51	0
20851938	15330034	2.80	1 1-	2 ACSR 6/1	0	0	1285	173	5	0	0	0.00	1.51	0
15330038	15330037	2.56	2 1-	2 ACSR 6/1	0	0	1401	175	5	0	0	0.00	1.48	0
15330031	15330035	2.46	2 1-	2 ACSR 6/1	0	0	1451	176	18	2	1	0.00	1.46	0
15330036	15330031	2.52	1 1-	2 ACSR 6/1	0	0	1423	175	11	1	1	0.00	1.46	0
15330056	15330042	1.90	3 1-	2 ACSR 6/1	0	0	1843	180	15	1	1	0.00	1.24	0
15330057	15330056	2.03	3 1-	2 ACSR 6/1	0	0	1737	179	8	1	1	0.00	1.24	0
15330029	15330028	1.68	177 3-	2 ACSR 6/1	2566	2344	2056	182	871	37	21	0.07	1.34	35
15330052	15330029	1.72	1 1-	2 ACSR 6/1	0	0	2013	181	0	0	0	0.00	1.76	0
15330049	15330029	1.76	176 3-	2 ACSR 6/1	2481	2260	1981	181	870	37	21	0.11	1.40	53
15330050	15330049	2.00	175 3-	2 ACSR 6/1	2232	2017	1766	179	866	36	21	0.37	1.61	174
15330051	15330050	2.05	174 3-	2 ACSR 6/1	2184	1971	1725	179	856	36	20	0.08	1.66	37
15330044	15330051	2.12	174 3-	2 ACSR 6/1	2116	1905	1667	178	856	36	20	0.12	1.72	56
15330045	15330044	2.17	173 3-	2 ACSR 6/1	2075	1866	1634	178	853	36	20	0.07	1.77	34
15330046	15330045	2.23	170 3-	2 ACSR 6/1	2030	1823	1596	178	846	36	20	0.08	1.81	39
D15-33-P009	15330046	2.23	1 1-	REC-35-H	0	0	1596	178	7	0	3	0.00	2.60	0
15330030	D15-33-P009	2.27	1 1-	2 ACSR 6/1	0	0	1564	177	7	0	1	0.00	2.60	0
15330048	15330030	2.34	0 1-	2 ACSR 6/1	0	0	1525	177	0	0	0	0.00	2.60	0
15330047	15330030	2.33	1 1-	2 ACSR 6/1	0	0	1532	177	7	0	1	0.00	2.60	0
15330058	15330046	2.33	112 3-	2 ACSR 6/1	1950	1747	1530	177	543	23	13	0.04	1.87	30
15330053	15330058	2.39	111 3-	2 ACSR 6/1	1907	1706	1494	176	535	22	13	0.02	1.90	16
15330054	15330053	2.43	110 3-	2 ACSR 6/1	1877	1678	1470	176	528	22	13	0.02	1.93	12
15330055	15330054	2.60	109 3-	2 ACSR 6/1	1767	1574	1380	175	528	22	13	0.07	2.02	46
15330065	15330055	2.61	2 1-	2 ACSR 6/1	0	0	1373	175	6	0	0	0.00	2.75	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15330066	15330065	2.63	1 1-	2 ACSR 6/1	0	0	1363	175	6	0	0	0.00	2.75	0
15330063	15330055	2.66	107 3-	2 ACSR 6/1	1733	1541	1351	174	521	22	12	0.02	2.05	15
15330064	15330063	2.85	107 3-	2 ACSR 6/1	1621	1438	1262	173	521	22	12	0.07	2.15	53
D15-22-P028	15330064	2.85	60 1-	REC-35-H	0	0	1262	173	260	33	96	0.00	2.07	0
15220030	D15-22-P028	2.99	60 1-	2 ACSR 6/1	0	0	1207	172	260	33	19	0.13	2.19	26
20852093	15220030	3.04	59 1-	2 ACSR 6/1	0	0	1186	172	259	33	18	0.05	2.25	11
20852094	20852093	3.25	59 1-	2 ACSR 6/1	0	0	1115	170	258	33	18	0.19	2.44	38
20852100	20852094	3.30	58 1-	2 ACSR 6/1	0	0	1098	170	251	32	18	0.05	2.49	9
20851939	20852100	3.32	56 1-	2 ACSR 6/1	0	0	1089	170	244	31	18	0.03	2.51	5
20851940	20851939	3.40	2 1-	2 ACSR 6/1	0	0	1065	169	10	1	1	0.00	2.51	0
15320033	20851939	3.40	54 1-	2 ACSR 6/1	0	0	1066	169	235	30	17	0.07	2.58	12
20851941	15320033	3.52	1 1-	2 ACSR 6/1	0	0	1031	169	6	0	0	0.00	2.58	0
15320034	15320033	3.45	53 1-	2 ACSR 6/1	0	0	1050	169	228	29	16	0.05	2.62	8
20851947	15320034	3.49	52 1-	2 ACSR 6/1	0	0	1038	169	217	27	16	0.03	2.66	6
20851948	20851947	3.53	50 1-	2 ACSR 6/1	0	0	1028	168	211	27	15	0.03	2.68	4
20852101	20851948	3.58	49 1-	2 ACSR 6/1	0	0	1014	168	198	25	14	0.04	2.72	6
20852103	20852101	3.66	2 1-	2 ACSR 6/1	0	0	991	168	5	0	0	0.00	2.72	0
20852104	20852103	3.73	1 1-	2 ACSR 6/1	0	0	973	167	1	0	0	0.00	2.72	0
15320036	20852104	3.79	1 1-	2 ACSR 6/1	0	0	959	167	1	0	0	0.00	2.72	0
15320032	20852104	3.88	0 1-	2 ACSR 6/1	0	0	936	166	0	0	0	0.00	2.72	0
15320041	20852101	3.65	43 1-	2 ACSR 6/1	0	0	995	168	175	22	13	0.05	2.76	6
15320039	15320041	3.70	42 1-	2 ACSR 6/1	0	0	982	167	171	22	12	0.03	2.79	4
15320040	15320039	3.77	7 1-	2 ACSR 6/1	0	0	963	167	39	5	3	0.01	2.80	0
15320038	15320040	3.81	1 1-	2 ACSR 6/1	0	0	953	167	10	1	1	0.00	2.80	0
15320037	15320040	3.84	5 1-	2 ACSR 6/1	0	0	945	166	23	3	2	0.01	2.81	0
20851636	15320037	3.92	3 1-	2 ACSR 6/1	0	0	928	166	14	1	1	0.00	2.81	0
15320046	20851636	3.99	2 1-	2 ACSR 6/1	0	0	912	165	7	0	1	0.00	2.81	0
15320048	15320046	4.04	1 1-	2 ACSR 6/1	0	0	900	165	4	0	0	0.00	2.81	0
15320047	15320046	4.05	1 1-	2 ACSR 6/1	0	0	899	165	4	0	0	0.00	2.81	0
15320042	15320039	3.75	33 1-	2 ACSR 6/1	0	0	969	167	131	16	9	0.03	2.82	3
20851637	15320042	3.83	30 1-	2 ACSR 6/1	0	0	950	166	125	16	9	0.03	2.85	3
20851639	20851637	3.88	2 1-	2 ACSR 6/1	0	0	936	166	4	0	0	0.00	2.85	0
20851725	20851639	3.92	1 1-	2 ACSR 6/1	0	0	926	166	2	0	0	0.00	2.85	0
20851638	20851637	3.90	2 1-	2 ACSR 6/1	0	0	931	166	6	0	0	0.00	2.85	0
20851753	20851638	3.96	1 1-	2 ACSR 6/1	0	0	919	166	3	0	0	0.00	2.85	0
20851726	20851638	3.97	1 1-	2 ACSR 6/1	0	0	915	165	2	0	0	0.00	2.85	0
20851754	20851637	3.92	24 1-	2 ACSR 6/1	0	0	927	166	107	13	8	0.04	2.89	3
20851755	20851754	3.99	23 1-	2 ACSR 6/1	0	0	913	165	105	13	8	0.03	2.92	2
20851756	20851755	4.05	22 1-	2 ACSR 6/1	0	0	898	165	104	13	7	0.03	2.94	2
20851758	20851756	4.12	0 1-	2 ACSR 6/1	0	0	883	165	0	0	0	0.00	2.94	0
20851757	20851756	4.14	22 1-	2 ACSR 6/1	0	0	880	164	104	13	7	0.03	2.97	3
20850772	20851757	4.17	1 1-	2 ACSR 6/1	0	0	872	164	5	0	0	0.00	2.97	0
15420017	20851757	4.19	21 1-	2 ACSR 6/1	0	0	869	164	99	12	7	0.02	2.99	1
15420019	15420017	4.28	18 1-	2 ACSR 6/1	0	0	851	163	94	12	7	0.03	3.03	2
15420021	15420019	4.37	18 1-	2 ACSR 6/1	0	0	833	163	94	12	7	0.03	3.06	2
20850777	15420021	4.40	17 1-	2 ACSR 6/1	0	0	827	163	92	11	7	0.01	3.07	0
20850778	20850777	4.59	15 1-	2 ACSR 6/1	0	0	794	162	87	11	6	0.06	3.12	4
15420027	20850778	4.64	14 1-	2 ACSR 6/1	0	0	785	161	73	9	5	0.01	3.14	0
15420028	15420027	4.70	11 1-	2 ACSR 6/1	0	0	776	161	67	8	5	0.01	3.15	0
20850806	15420028	4.75	9 1-	2 ACSR 6/1	0	0	768	161	61	7	4	0.01	3.16	0
20850916	20850806	4.80	6 1-	2 ACSR 6/1	0	0	760	160	38	4	3	0.01	3.17	0
20851110	20850916	4.86	4 1-	2 ACSR 6/1	0	0	751	160	24	3	2	0.00	3.17	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850986	20851110	4.93	1 1-	2 ACSR 6/1	0	0	741	159	10	1	1	0.00	3.17	0
20850917	20850916	4.84	1 1-	2 ACSR 6/1	0	0	754	160	6	0	0	0.00	3.17	0
15420029	15420027	4.71	2 1-	2 ACSR 6/1	0	0	775	161	5	0	0	0.00	3.14	0
15420030	15420029	4.78	1 1-	2 ACSR 6/1	0	0	764	160	5	0	0	0.00	3.14	0
20850776	15420021	4.44	1 1-	2 ACSR 6/1	0	0	820	162	2	0	0	0.00	3.06	0
15420020	15420019	4.36	0 1-	2 ACSR 6/1	0	0	835	163	0	0	0	0.00	3.03	0
15420018	15420017	4.27	3 1-	2 ACSR 6/1	0	0	853	164	5	0	0	0.00	2.99	0
20850774	15420018	4.34	2 1-	2 ACSR 6/1	0	0	840	163	3	0	0	0.00	2.99	0
20850775	20850774	4.41	1 1-	2 ACSR 6/1	0	0	827	163	0	0	0	0.00	2.99	0
20850773	15420018	4.31	1 1-	2 ACSR 6/1	0	0	845	163	2	0	0	0.00	2.99	0
20852102	20852101	3.63	3 1-	2 ACSR 6/1	0	0	1001	168	9	1	1	0.00	2.72	0
20851963	20852102	3.67	2 1-	2 ACSR 6/1	0	0	989	167	4	0	0	0.00	2.72	0
20851962	20852102	3.67	1 1-	2 ACSR 6/1	0	0	990	168	5	0	0	0.00	2.72	0
20851946	15320034	3.51	1 1-	2 ACSR 6/1	0	0	1034	169	11	1	1	0.00	2.62	0
20850599	15330064	2.88	45 3-	2 ACSR 6/1	1607	1425	1250	173	252	10	6	0.01	2.16	2
20850601	20850599	2.94	45 3-	2 ACSR 6/1	1577	1396	1226	172	252	10	6	0.01	2.17	5
20850661	20850601	2.97	1 1-	2 ACSR 6/1	0	0	1216	172	8	1	1	0.00	2.86	0
20850865	20850661	3.00	1 1-	2 ACSR 6/1	0	0	1203	172	8	1	1	0.00	2.86	0
20850600	20850601	3.01	43 3-	2 ACSR 6/1	1541	1363	1197	172	239	10	6	0.01	2.19	6
20850201	20850600	3.10	4 1-	2 ACSR 6/1	0	0	1165	171	31	4	2	0.01	2.88	0
15220034	20850201	3.13	3 1-	2 ACSR 6/1	0	0	1156	171	21	2	1	0.00	2.88	0
15220035	15220034	3.21	2 1-	2 ACSR 6/1	0	0	1127	171	16	2	1	0.00	2.89	0
15220036	15220035	3.29	1 1-	2 ACSR 6/1	0	0	1101	170	9	1	1	0.00	2.89	0
20850200	20850600	3.13	37 3-	2 ACSR 6/1	1487	1313	1154	171	205	8	5	0.01	2.22	8
20850202	20850200	3.23	2 1-	2 ACSR 6/1	0	0	1119	170	8	1	1	0.00	2.88	0
20850627	20850202	3.30	1 1-	2 ACSR 6/1	0	0	1098	170	6	0	0	0.00	2.88	0
20850628	20850200	3.18	35 3-	2 ACSR 6/1	1464	1292	1136	171	197	8	5	0.00	2.23	3
20850629	20850628	3.28	33 3-	2 ACSR 6/1	1424	1255	1104	170	192	8	5	0.00	2.25	6
20850632	20850629	3.39	30 3-	2 ACSR 6/1	1379	1214	1068	169	181	7	4	0.00	2.27	7
20850633	20850632	3.43	8 1-	2 ACSR 6/1	0	0	1056	169	27	3	2	0.00	2.88	0
20850596	20850633	3.57	4 1-	2 ACSR 6/1	0	0	1017	168	14	1	1	0.01	2.89	0
20850597	20850596	3.59	4 1-	2 ACSR 6/1	0	0	1011	168	14	1	1	0.00	2.89	0
20850690	20850597	3.68	3 1-	2 ACSR 6/1	0	0	986	167	13	1	1	0.00	2.89	0
20850595	20850633	3.50	1 1-	2 ACSR 6/1	0	0	1035	169	6	0	0	0.00	2.88	0
20850631	20850632	3.51	21 3-	2 ACSR 6/1	1335	1173	1033	169	150	6	4	-0.02	2.29	7
D15-22-P017	20850631	3.51	18 1-	REC-35-H	0	0	1033	169	132	16	48	0.00	1.92	0
15220018	D15-22-P017	3.80	18 1-	2 ACSR 6/1	0	0	957	167	132	16	9	0.14	2.06	15
20851898	15220018	3.83	5 1-	2 ACSR 6/1	0	0	948	166	33	4	2	0.00	2.06	0
20851899	20851898	3.85	4 1-	2 ACSR 6/1	0	0	943	166	25	3	2	0.00	2.07	0
20851759	15220018	3.92	13 1-	2 ACSR 6/1	0	0	927	166	98	12	7	0.04	2.10	3
20851905	20851759	4.04	12 1-	2 ACSR 6/1	0	0	901	165	98	12	7	0.04	2.14	3
20851907	20851905	4.17	8 1-	2 ACSR 6/1	0	0	873	164	64	8	5	0.03	2.17	1
20851760	20851907	4.22	6 1-	2 ACSR 6/1	0	0	862	164	41	5	3	0.01	2.17	0
20851761	20851760	4.28	4 1-	2 ACSR 6/1	0	0	850	163	27	3	2	0.00	2.18	0
20851541	20851761	4.30	2 1-	2 ACSR 6/1	0	0	847	163	11	1	1	0.00	2.18	0
20851543	20851541	4.33	1 1-	2 ACSR 6/1	0	0	841	163	5	0	0	0.00	2.18	0
20851544	20851543	4.36	1 1-	2 ACSR 6/1	0	0	835	163	5	0	0	0.00	2.18	0
20851542	20851541	4.35	1 1-	2 ACSR 6/1	0	0	837	163	6	0	0	0.00	2.18	0
20851906	20851905	4.11	1 1-	2 ACSR 6/1	0	0	886	165	5	0	0	0.00	2.14	0
20850902	20850631	3.56	1 1-	2 ACSR 6/1	0	0	1020	168	9	1	1	0.00	2.86	0
15220019	20850631	3.61	2 3-	2 ACSR 6/1	1300	1142	1006	168	9	0	0	0.00	2.29	0
20850598	15220019	3.65	2 1-	2 ACSR 6/1	0	0	993	168	9	1	1	0.00	1.92	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15220021	15220019	3.62	0 2-	2 ACSR 6/1	0	1137	1002	168	0	0	0	0.00	2.00	0
15-22-PO16-B	15220021	3.62	0 2-	Open	0	1137	1002	168	0	0	0	0.00	2.00	0
20850630	20850629	3.36	3 1-	2 ACSR 6/1	0	0	1076	170	10	1	1	0.00	2.88	0
15330027	15330046	2.55	57 1-	2 ACSR 6/1	0	0	1404	175	296	38	21	0.36	2.96	84
15230015	15330027	2.66	56 1-	2 ACSR 6/1	0	0	1351	174	285	36	20	0.11	3.07	25
20850892	15230015	2.70	1 1-	2 ACSR 6/1	0	0	1330	174	1	0	0	0.00	3.07	0
20850765	15230015	2.72	55 1-	2 ACSR 6/1	0	0	1323	174	283	36	20	0.06	3.13	14
20850953	20850765	2.76	54 1-	2 ACSR 6/1	0	0	1302	174	283	36	20	0.05	3.18	11
15230016	20850953	2.88	53 1-	2 ACSR 6/1	0	0	1253	173	274	35	20	0.12	3.30	25
20851098	15230016	3.00	7 1-	2 ACSR 6/1	0	0	1204	172	42	5	3	0.02	3.31	0
20851100	20851098	3.05	4 1-	2 ACSR 6/1	0	0	1185	172	26	3	2	0.00	3.32	0
20851101	20851100	3.07	4 1-	2 ACSR 6/1	0	0	1175	172	26	3	2	0.00	3.32	0
20850955	20851101	3.15	2 1-	2 ACSR 6/1	0	0	1148	171	16	2	1	0.00	3.32	0
15230020	20850955	3.22	1 1-	2 ACSR 6/1	0	0	1122	171	5	0	0	0.00	3.32	0
20851099	20851098	3.16	1 1-	2 ACSR 6/1	0	0	1144	171	3	0	0	0.00	3.31	0
20850866	15230016	2.95	45 1-	2 ACSR 6/1	0	0	1223	172	223	28	16	0.06	3.36	10
20850868	20850866	3.04	15 1-	2 ACSR 6/1	0	0	1188	172	67	8	5	0.02	3.38	1
20850744	20850868	3.09	15 1-	2 ACSR 6/1	0	0	1169	171	67	8	5	0.01	3.39	0
20850745	20850744	3.25	14 1-	2 ACSR 6/1	0	0	1115	170	65	8	5	0.04	3.43	2
20850215	20850745	3.32	10 1-	2 ACSR 6/1	0	0	1090	170	47	6	3	0.01	3.44	0
20850216	20850215	3.41	9 1-	2 ACSR 6/1	0	0	1064	169	46	6	3	0.01	3.45	0
20850217	20850216	3.48	8 1-	2 ACSR 6/1	0	0	1041	169	42	5	3	0.01	3.47	0
20850219	20850217	3.56	7 1-	2 ACSR 6/1	0	0	1019	168	38	4	3	0.01	3.48	0
20850220	20850219	3.66	5 1-	2 ACSR 6/1	0	0	991	168	30	3	2	0.01	3.49	0
20850221	20850220	3.69	5 1-	2 ACSR 6/1	0	0	984	167	30	3	2	0.00	3.49	0
20850222	20850221	3.76	1 1-	2 ACSR 6/1	0	0	967	167	8	1	1	0.00	3.49	0
20850196	20850221	3.73	3 1-	2 ACSR 6/1	0	0	973	167	19	2	1	0.00	3.49	0
20850197	20850196	3.85	1 1-	2 ACSR 6/1	0	0	943	166	13	1	1	0.00	3.50	0
20850218	20850217	3.56	1 1-	2 ACSR 6/1	0	0	1019	168	4	0	0	0.00	3.47	0
20850214	20850745	3.33	0 1-	2 ACSR 6/1	0	0	1087	170	0	0	0	0.00	3.43	0
20850042	20850745	3.34	3 1-	2 ACSR 6/1	0	0	1086	170	10	1	1	0.00	3.43	0
15220032	20850042	3.37	2 1-	2 ACSR 6/1	0	0	1076	170	8	1	1	0.00	3.43	0
15220033	15220032	3.50	1 1-	2 ACSR 6/1	0	0	1037	169	5	0	0	0.00	3.43	0
15220031	15220032	3.41	1 1-	2 ACSR 6/1	0	0	1064	169	3	0	0	0.00	3.43	0
20850041	20850042	3.38	0 1-	2 ACSR 6/1	0	0	1072	169	0	0	0	0.00	3.43	0
20850867	20850866	3.02	1 1-	2 ACSR 6/1	0	0	1197	172	3	0	0	0.00	3.36	0
20850746	20850866	3.02	27 1-	2 ACSR 6/1	0	0	1194	172	140	18	10	0.04	3.40	4
20850763	20850746	3.14	25 1-	2 ACSR 6/1	0	0	1150	171	137	17	10	0.06	3.46	7
20850905	20850763	3.22	1 1-	2 ACSR 6/1	0	0	1124	171	4	0	0	0.00	3.46	0
15230017	20850763	3.28	24 1-	2 ACSR 6/1	0	0	1105	170	133	17	10	0.07	3.52	7
20850198	15230017	3.44	14 1-	2 ACSR 6/1	0	0	1055	169	83	10	6	0.05	3.57	3
20850199	20850198	3.46	13 1-	2 ACSR 6/1	0	0	1048	169	76	9	6	0.01	3.58	0
15120037	20850199	3.62	11 1-	2 ACSR 6/1	0	0	1003	168	67	8	5	0.04	3.62	2
15120040	15120037	3.67	1 1-	2 ACSR 6/1	0	0	990	168	5	0	0	0.00	3.62	0
15120043	15120037	3.69	1 1-	2 ACSR 6/1	0	0	985	167	8	1	1	0.00	3.62	0
15120025	15120037	3.66	9 1-	2 ACSR 6/1	0	0	991	168	53	6	4	0.01	3.63	0
15120046	15120025	3.69	5 1-	2 ACSR 6/1	0	0	983	167	38	4	3	0.00	3.63	0
15120047	15120046	3.88	4 1-	2 ACSR 6/1	0	0	937	166	34	4	2	0.02	3.65	0
15120048	15120047	3.95	3 1-	2 ACSR 6/1	0	0	921	166	27	3	2	0.01	3.66	0
15120049	15120048	4.03	1 1-	2 ACSR 6/1	0	0	902	165	7	0	1	0.00	3.66	0
15120050	15120048	4.06	1 1-	2 ACSR 6/1	0	0	896	165	10	1	1	0.00	3.66	0
15120051	15120047	4.01	1 1-	2 ACSR 6/1	0	0	906	165	7	0	0	0.00	3.66	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15120044	15120025	3.70	4 1-	2 ACSR 6/1	0	0	983	167	16	2	1	0.00	3.63	0
15120045	15120044	3.75	3 1-	2 ACSR 6/1	0	0	968	167	13	1	1	0.00	3.63	0
15120039	15120045	3.96	1 1-	2 ACSR 6/1	0	0	919	166	5	0	0	0.00	3.63	0
15230018	15230017	3.35	10 1-	2 ACSR 6/1	0	0	1081	170	49	6	4	0.01	3.54	0
20850903	15230018	3.41	2 1-	2 ACSR 6/1	0	0	1064	169	13	1	1	0.00	3.54	0
20850904	20850903	3.50	0 1-	2 ACSR 6/1	0	0	1036	169	0	0	0	0.00	3.54	0
20850764	15230018	3.42	1 1-	2 ACSR 6/1	0	0	1061	169	3	0	0	0.00	3.54	0
15230019	15230018	3.72	7 1-	2 ACSR 6/1	0	0	976	167	33	4	2	0.05	3.58	1
15130016	15230019	3.82	1 1-	2 ACSR 6/1	0	0	952	167	5	0	0	0.00	3.58	0
15130007	15230019	3.79	6 1-	2 ACSR 6/1	0	0	958	167	28	3	2	0.01	3.59	0
15130008	15130007	4.14	6 1-	2 ACSR 6/1	0	0	879	164	28	3	2	0.04	3.63	0
15130011	15130008	4.24	0 1-	2 ACSR 6/1	0	0	859	164	0	0	0	0.00	3.63	0
15130012	15130008	4.25	6 1-	2 ACSR 6/1	0	0	856	164	28	3	2	0.01	3.64	0
15130013	15130012	4.31	2 1-	2 ACSR 6/1	0	0	846	163	15	2	1	0.00	3.64	0
15130015	15130013	4.45	1 1-	2 ACSR 6/1	0	0	819	162	1	0	0	0.00	3.64	0
15130014	15130013	4.37	1 1-	2 ACSR 6/1	0	0	833	163	15	1	1	0.00	3.64	0
15130010	15130007	3.85	0 1-	2 ACSR 6/1	0	0	944	166	0	0	0	0.00	3.59	0
15130009	15230019	3.78	0 1-	2 ACSR 6/1	0	0	960	167	0	0	0	0.00	3.58	0
20850954	15230016	2.92	1 1-	2 ACSR 6/1	0	0	1234	173	10	1	1	0.00	3.30	0
20851078	20850953	2.84	1 1-	2 ACSR 6/1	0	0	1270	173	8	1	1	0.00	3.18	0
20850893	15330027	2.61	1 1-	2 ACSR 6/1	0	0	1372	175	10	1	1	0.00	2.96	0
15330043	15340081	1.73	2 1-	2 ACSR 6/1	0	0	2009	181	8	1	1	0.00	1.51	0
15340149	15340148	1.14	3 1-	2 ACSR 6/1	0	0	2848	186	15	1	1	0.00	0.64	0
15340150	15340149	1.16	2 1-	2 ACSR 6/1	0	0	2808	186	10	1	1	0.00	0.64	0
15340151	15340150	1.18	1 1-	2 ACSR 6/1	0	0	2761	185	7	0	0	0.00	0.64	0
15340159	15340150	1.18	1 1-	2 ACSR 6/1	0	0	2762	185	3	0	0	0.00	0.64	0
15440003	15440010	1.11	1 1-	2 ACSR 6/1	0	0	2907	186	7	0	1	0.00	0.54	0
15340157	15440003	1.15	1 1-	2 ACSR 6/1	0	0	2815	186	7	0	1	0.00	0.54	0
20852045	20852044	0.85	328 3-	336 ACSR 18/1	4033	3881	3528	188	1369	57	11	0.01	0.43	14
20852230	20852045	1.05	325 3-	336 ACSR 18/1	3779	3609	3220	188	1362	57	11	0.04	0.47	58
20852231	20852230	1.13	323 3-	336 ACSR 18/1	3685	3510	3110	188	1361	57	11	0.02	0.48	23
20852232	20852231	1.17	320 3-	336 ACSR 18/1	3638	3461	3056	188	1348	56	11	0.01	0.49	12
20852233	20852232	1.20	319 3-	336 ACSR 18/1	3605	3427	3018	188	1338	56	11	0.01	0.49	8
20852234	20852233	1.23	318 3-	336 ACSR 18/1	3568	3389	2977	188	1338	56	11	0.01	0.50	9
20852235	20852234	1.37	315 3-	336 ACSR 18/1	3424	3239	2816	187	1319	55	10	0.03	0.53	38
20852236	20852235	1.54	314 3-	336 ACSR 18/1	3259	3070	2639	187	1319	55	10	0.03	0.56	47
20851923	20852236	1.57	313 3-	336 ACSR 18/1	3232	3043	2610	187	1318	55	10	0.01	0.57	8
20851914	20851923	1.60	312 3-	336 ACSR 18/1	3206	3016	2583	187	1312	55	10	0.01	0.57	8
20851912	20851914	1.62	311 3-	336 ACSR 18/1	3184	2994	2560	187	1301	54	10	0.00	0.58	7
20851913	20851912	1.65	311 3-	336 ACSR 18/1	3163	2972	2538	187	1301	54	10	0.00	0.58	7
20851911	20851913	1.80	281 3-	336 ACSR 18/1	3038	2846	2409	186	1166	49	9	0.01	0.60	34
15430007	20851911	1.84	278 3-	336 ACSR 18/1	3001	2809	2372	186	1155	48	9	0.00	0.61	11
15530056	15430007	1.91	277 3-	336 ACSR 18/1	2950	2758	2320	186	1153	48	9	0.00	0.62	15
15530063	15530056	1.94	276 3-	336 ACSR 18/1	2928	2735	2298	186	1146	48	9	0.00	0.62	7
D15-53-P057	15530063	1.94	17 1-	FUS-70	0	0	2298	186	81	10	17	0.00	0.69	0
15530031	D15-53-P057	1.99	17 1-	2 ACSR 6/1	0	0	2246	186	81	10	6	0.01	0.70	0
15530042	15530031	2.04	15 1-	2 ACSR 6/1	0	0	2192	185	78	9	6	0.01	0.71	0
15530035	15530042	2.09	14 1-	2 ACSR 6/1	0	0	2129	185	75	9	5	0.02	0.73	0
15530061	15530035	2.19	13 1-	2 ACSR 6/1	0	0	2030	184	66	8	5	0.02	0.75	1
15530062	15530061	2.31	12 1-	2 ACSR 6/1	0	0	1923	183	60	7	4	0.03	0.78	1
15530037	15530062	2.34	10 1-	2 ACSR 6/1	0	0	1893	183	56	7	4	0.01	0.78	0
15530038	15530037	2.49	9 1-	2 ACSR 6/1	0	0	1771	182	48	6	3	0.03	0.81	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15530059	15530038	2.81	6 1-	2 ACSR 6/1	0	0	1555	179	33	4	2	0.04	0.85	0
15430011	15530059	3.03	1 1-	2 ACSR 6/1	0	0	1434	178	4	0	0	0.00	0.85	0
15430010	15530059	2.96	5 1-	2 ACSR 6/1	0	0	1472	178	29	3	2	0.01	0.86	0
20851668	15430010	3.01	1 1-	2 ACSR 6/1	0	0	1442	178	10	1	1	0.00	0.86	0
20851624	15430010	3.04	2 1-	2 ACSR 6/1	0	0	1429	178	11	1	1	0.00	0.86	0
15530044	15530038	2.57	1 1-	2 ACSR 6/1	0	0	1714	181	3	0	0	0.00	0.81	0
15530043	15530038	2.60	2 1-	2 ACSR 6/1	0	0	1695	181	12	1	1	0.00	0.81	0
15530039	15530043	2.67	1 1- 15 KV 2 URD XLP	0	0	0	1664	433	6	0	0	0.00	0.81	0
15530036	15530062	2.38	2 1-	2 ACSR 6/1	0	0	1862	183	4	0	0	0.00	0.78	0
15530040	15530031	2.02	1 1-	2 ACSR 6/1	0	0	2205	185	1	0	0	0.00	0.70	0
15530041	15530040	2.11	0 1-	2 ACSR 6/1	0	0	2114	185	0	0	0	0.00	0.70	0
15530054	15530031	2.16	1 1-	2 ACSR 6/1	0	0	2067	184	2	0	0	0.00	0.70	0
15530050	15530063	1.97	259 3-	336 ACSR 18/1	2905	2712	2275	186	1065	45	9	0.00	0.63	6
15530051	15530050	2.14	258 3-	336 ACSR 18/1	2788	2596	2161	186	1060	44	8	0.00	0.65	31
15530052	15530051	2.19	2 1-	2 ACSR 6/1	0	0	2107	185	10	1	1	0.00	0.51	0
15530027	15530051	2.30	256 3-	336 ACSR 18/1	2686	2495	2063	185	1049	44	8	0.00	0.67	29
15530026	15530027	2.41	256 3-	336 ACSR 18/1	2617	2427	1997	185	1049	44	8	0.00	0.68	21
15540048	15530026	2.47	6 1-	2 ACSR 6/1	0	0	1941	184	27	3	2	0.01	0.71	0
D15-53-P043	15540048	2.47	3 1-	REC-35-L	0	0	1941	184	23	2	8	0.00	0.71	0
15530034	D15-53-P043	2.81	3 1-	2 ACSR 6/1	0	0	1686	182	23	2	2	0.03	0.74	0
15530053	15530034	2.89	1 1-	2 ACSR 6/1	0	0	1631	181	10	1	1	0.00	0.74	0
15530028	15530034	2.87	2 1-	2 ACSR 6/1	0	0	1641	181	13	1	1	0.00	0.74	0
15530046	15530028	3.03	1 1-	2 ACSR 6/1	0	0	1544	180	10	1	1	0.01	0.75	0
15530045	15530046	3.06	1 1- 15 KV 2 URD XLP	0	0	0	1533	429	10	1	1	0.00	0.75	0
15530057	15530028	2.98	1 1-	2 ACSR 6/1	0	0	1573	180	3	0	0	0.00	0.74	0
15540024	15530026	2.47	39 1-	2 ACSR 6/1	0	0	1948	184	188	23	13	0.04	0.60	6
D15-54-P006	15540024	2.47	39 1-	REC-50-L	0	0	1948	184	188	23	48	0.00	0.60	0
15540025	D15-54-P006	2.53	39 1-	2 ACSR 6/1	0	0	1891	184	188	23	13	0.05	0.64	7
15540049	15540025	2.75	1 1-	2 ACSR 6/1	0	0	1728	182	6	0	0	0.00	0.64	0
15540050	15540049	2.80	0 1-	2 ACSR 6/1	0	0	1688	182	0	0	0	0.00	0.64	0
15540075	15540025	2.68	33 1-	2 ACSR 6/1	0	0	1780	183	166	21	12	0.08	0.73	11
15540077	15540075	2.83	6 1-	2 ACSR 6/1	0	0	1671	182	23	2	2	0.01	0.74	0
15540064	15540077	2.85	4 1-	2 ACSR 6/1	0	0	1659	181	15	1	1	0.00	0.74	0
15540065	15540064	2.88	2 1-	2 ACSR 6/1	0	0	1640	181	9	1	1	0.00	0.74	0
15540055	15540065	2.94	2 1-	2 ACSR 6/1	0	0	1598	181	9	1	1	0.00	0.74	0
15540076	15540075	2.74	0 1-	2 ACSR 6/1	0	0	1732	182	0	0	0	0.00	0.73	0
15540052	15540075	2.82	26 1-	2 ACSR 6/1	0	0	1675	182	136	17	10	0.07	0.80	8
15540053	15540052	2.85	24 1-	2 ACSR 6/1	0	0	1659	181	124	15	9	0.01	0.81	0
15540096	15540053	2.89	2 1-	2 ACSR 6/1	0	0	1632	181	4	0	0	0.00	0.81	0
15540097	15540096	2.93	1 1-	2 ACSR 6/1	0	0	1609	181	4	0	0	0.00	0.81	0
15540056	15540053	2.88	22 1-	2 ACSR 6/1	0	0	1637	181	120	15	8	0.01	0.82	1
15540057	15540056	2.89	21 1-	2 ACSR 6/1	0	0	1630	181	113	14	8	0.00	0.83	0
15540058	15540057	2.95	20 1-	2 ACSR 6/1	0	0	1595	181	104	13	7	0.02	0.85	2
15540060	15540058	3.02	5 1-	2 ACSR 6/1	0	0	1549	180	30	3	2	0.01	0.85	0
15540061	15540060	3.06	4 1-	2 ACSR 6/1	0	0	1525	180	16	2	1	0.00	0.86	0
15540063	15540061	3.22	3 1-	2 ACSR 6/1	0	0	1441	179	10	1	1	0.00	0.86	0
15540072	15540063	3.27	1 1-	2 ACSR 6/1	0	0	1414	178	3	0	0	0.00	0.86	0
15540069	15540063	3.29	1 1-	2 ACSR 6/1	0	0	1408	178	2	0	0	0.00	0.86	0
15540062	15540061	3.10	1 1-	2 ACSR 6/1	0	0	1506	180	6	0	0	0.00	0.86	0
15540059	15540058	3.05	11 1-	2 ACSR 6/1	0	0	1534	180	56	7	4	0.02	0.87	0
15540071	15540059	3.07	2 1-	2 ACSR 6/1	0	0	1521	180	17	2	1	0.00	0.87	0
15540070	15540059	3.10	2 1-	2 ACSR 6/1	0	0	1503	180	8	0	1	0.00	0.87	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15540067	15540059	3.11	7 1-	2 ACSR 6/1	0	0	1499	179	32	4	2	0.01	0.88	0
15540068	15540067	3.17	7 1-	2 ACSR 6/1	0	0	1469	179	32	4	2	0.01	0.88	0
15540078	15540068	3.20	7 1-	2 ACSR 6/1	0	0	1453	179	32	4	2	0.00	0.88	0
15540080	15540078	3.30	1 1-	2 ACSR 6/1	0	0	1401	178	5	0	0	0.00	0.89	0
15540079	15540078	3.24	2 1-	2 ACSR 6/1	0	0	1432	179	9	1	1	0.00	0.89	0
15540051	15540052	2.90	1 1-	2 ACSR 6/1	0	0	1627	181	6	0	0	0.00	0.80	0
15540073	15540025	2.68	5 1-	2 ACSR 6/1	0	0	1779	183	16	2	1	0.01	0.65	0
15540074	15540073	2.74	3 1-	2 ACSR 6/1	0	0	1734	182	16	2	1	0.00	0.65	0
15540093	15540074	2.79	2 1-	2 ACSR 6/1	0	0	1699	182	14	1	1	0.00	0.66	0
15540095	15540093	2.84	1 1-	2 ACSR 6/1	0	0	1665	182	6	0	0	0.00	0.66	0
15540094	15540093	2.84	1 1-	2 ACSR 6/1	0	0	1666	182	8	1	1	0.00	0.66	0
20850329	15530026	3.07	211 3-	336 ACSR 18/1	2276	2095	1686	183	834	35	7	0.08	0.73	81
20850330	20850329	3.20	210 3-	336 ACSR 18/1	2218	2040	1636	183	832	35	7	0.02	0.74	16
20850333	20850330	3.31	202 3-	336 ACSR 18/1	2172	1995	1595	183	804	34	7	0.01	0.74	13
20850386	20850333	3.33	199 3-	336 ACSR 18/1	2163	1986	1587	183	793	34	7	0.00	0.75	2
20850602	20850386	3.35	198 3-	336 ACSR 18/1	2154	1978	1580	183	787	34	6	0.00	0.75	2
15630045	20850602	3.38	198 3-	336 ACSR 18/1	2144	1968	1571	183	787	34	6	0.00	0.75	3
C15-63-P33	15630045	3.38	0 3-	Capacitor	2144	1968	1571	183	0	-13	0	0.00	0.75	0
20850603	15630045	3.41	198 3-	336 ACSR 18/1	2132	1957	1561	183	787	33	6	0.01	0.75	3
20850604	20850603	3.44	196 3-	336 ACSR 18/1	2121	1946	1551	183	782	33	6	0.01	0.76	3
15-63-P032-B	20850604	3.44	196 3-	Closed	2121	1946	1551	183	782	33	0	0.00	0.76	0
15-63-P032-A	15-63-P032-B	3.44	196 3-	Closed	2121	1946	1551	183	782	33	0	0.00	0.76	0
20850605	15-63-P032-A	3.48	196 3-	336 ACSR 18/1	2104	1931	1537	182	782	33	6	0.01	0.77	4
20850606	20850605	3.54	195 3-	336 ACSR 18/1	2082	1909	1517	182	778	33	6	0.01	0.78	6
D15-63-P081A	20850606	3.54	66 3-	REC-50-H	2082	1909	1517	182	224	9	19	0.00	0.78	0
15630040	D15-63-P081A	3.77	66 3-	336 ACSR 18/1	1998	1829	1446	182	224	9	2	0.04	0.79	3
D15-63-P018	15630040	3.77	24 1-	REC-50-H	0	0	1446	182	90	11	23	0.00	0.98	0
15630041	D15-63-P018	3.94	24 1-	2 ACSR 6/1	0	0	1370	180	90	11	6	0.05	1.03	4
20850817	15630041	4.00	9 1-	2 ACSR 6/1	0	0	1341	180	27	3	2	0.00	1.04	0
20850818	20850817	4.04	5 1-	2 ACSR 6/1	0	0	1324	180	13	1	1	0.00	1.04	0
20850816	15630041	3.96	15 1-	2 ACSR 6/1	0	0	1360	180	63	7	4	0.00	1.04	0
20850819	20850816	4.04	14 1-	2 ACSR 6/1	0	0	1324	180	57	7	4	0.02	1.06	0
20850822	20850819	4.10	5 1-	2 ACSR 6/1	0	0	1301	179	17	2	1	0.00	1.06	0
20850824	20850822	4.19	2 1-	2 ACSR 6/1	0	0	1267	179	9	1	1	0.00	1.06	0
20850826	20850824	4.25	1 1-	2 ACSR 6/1	0	0	1243	178	4	0	0	0.00	1.06	0
20850825	20850824	4.26	0 1-	2 ACSR 6/1	0	0	1238	178	0	0	0	0.00	1.06	0
20850823	20850822	4.16	1 1-	2 ACSR 6/1	0	0	1278	179	0	0	0	0.00	1.06	0
20850821	20850819	4.10	6 1-	2 ACSR 6/1	0	0	1301	179	26	3	2	0.00	1.06	0
20851139	20850821	4.14	5 1-	2 ACSR 6/1	0	0	1284	179	21	2	1	0.00	1.06	0
20851187	20851139	4.21	2 1-	2 ACSR 6/1	0	0	1258	178	12	1	1	0.00	1.07	0
20851188	20851187	4.24	2 1-	2 ACSR 6/1	0	0	1245	178	12	1	1	0.00	1.07	0
15630050	20851188	4.28	1 1-	15 KV 2 URD XLP	0	0	1237	414	5	0	0	0.00	1.07	0
20851189	20851188	4.31	1 1-	2 ACSR 6/1	0	0	1221	178	7	0	0	0.00	1.07	0
20851140	20851139	4.25	2 1-	2 ACSR 6/1	0	0	1241	178	6	0	0	0.00	1.07	0
20851141	20851140	4.45	1 1-	2 ACSR 6/1	0	0	1170	177	3	0	0	0.00	1.07	0
20850820	20850819	4.10	2 1-	2 ACSR 6/1	0	0	1300	179	10	1	1	0.00	1.06	0
15630048	15630040	4.11	42 3-	336 ACSR 18/1	1886	1722	1353	181	134	5	1	0.04	0.80	3
15730002	15630048	4.21	40 3-	336 ACSR 18/1	1855	1693	1327	181	123	5	1	0.01	0.81	0
20851313	15730002	4.25	2 1-	2 ACSR 6/1	0	0	1309	180	5	0	0	0.00	0.94	0
15630043	15730002	4.27	38 3-	336 ACSR 18/1	1836	1675	1312	181	118	4	1	0.01	0.81	0
20851191	15630043	4.29	37 3-	336 ACSR 18/1	1830	1669	1307	181	118	4	1	0.00	0.81	0
20851192	20851191	4.34	36 3-	336 ACSR 18/1	1816	1656	1295	180	113	4	1	0.00	0.81	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15630046	20851192	4.37	36 3-	336 ACSR 18/1	1808	1649	1289	180	113	4	1	0.00	0.81	0
15630047	15630046	4.52	1 1-	2 ACSR 6/1	0	0	1232	179	4	0	0	0.00	0.53	0
15630052	15630046	4.50	35 3-	336 ACSR 18/1	1771	1614	1258	180	110	4	1	0.01	0.81	0
15630053	15630052	4.55	34 3-	336 ACSR 18/1	1758	1602	1248	180	104	4	1	0.00	0.81	0
15630042	15630053	4.64	32 3-	336 ACSR 18/1	1734	1579	1229	180	95	4	1	0.01	0.82	0
D15-62-P024	15630042	4.64	27 1-	RBC-50-H	0	0	1229	180	83	10	21	0.00	0.98	0
15620107	D15-62-P024	4.65	27 1-	2 ACSR 6/1	0	0	1226	180	83	10	6	0.00	0.99	0
15620074	15620107	4.66	25 1-	2 ACSR 6/1	0	0	1221	180	80	10	6	0.00	0.99	0
20850495	15620074	4.76	9 1-	2 ACSR 6/1	0	0	1189	179	23	2	2	0.01	1.00	0
15630064	20850495	4.77	2 1-	2 ACSR 6/1	0	0	1184	179	5	0	0	0.00	1.00	0
15630065	15630064	4.81	2 1-	15 KV 2 URD XLP	0	0	1177	415	5	0	0	0.00	1.00	0
20850496	20850495	4.87	7 1-	2 ACSR 6/1	0	0	1152	178	19	2	1	0.01	1.01	0
15630066	20850496	4.93	2 1-	2 ACSR 6/1	0	0	1135	178	8	1	1	0.00	1.01	0
15630068	15630066	5.19	1 1-	2 ACSR 6/1	0	0	1060	176	4	0	0	0.00	1.01	0
15620106	15630068	5.26	1 1-	15 KV 2 URD XLP	0	0	1048	396	4	0	0	0.00	1.01	0
15630067	15630066	5.00	1 1-	2 ACSR 6/1	0	0	1112	177	4	0	0	0.00	1.01	0
20850334	20850496	4.92	3 1-	2 ACSR 6/1	0	0	1138	178	6	0	0	0.00	1.01	0
20850335	20850334	4.97	2 1-	2 ACSR 6/1	0	0	1121	177	5	0	0	0.00	1.01	0
20850327	20850335	5.03	1 1-	2 ACSR 6/1	0	0	1105	177	4	0	0	0.00	1.01	0
20850328	20850327	5.08	1 1-	2 ACSR 6/1	0	0	1090	176	4	0	0	0.00	1.01	0
15620061	15620074	4.76	16 1-	2 ACSR 6/1	0	0	1188	179	56	7	4	0.02	1.01	0
15620062	15620061	4.93	15 1-	2 ACSR 6/1	0	0	1135	178	54	6	4	0.03	1.04	1
15620063	15620062	4.99	15 1-	2 ACSR 6/1	0	0	1115	177	54	6	4	0.01	1.06	0
15620053	15620063	5.05	14 1-	2 ACSR 6/1	0	0	1099	177	46	5	3	0.01	1.07	0
15620052	15620053	5.10	0 1-	2 ACSR 6/1	0	0	1085	176	0	0	0	0.00	1.07	0
15620051	15620053	5.09	14 1-	2 ACSR 6/1	0	0	1086	176	46	5	3	0.01	1.07	0
15620060	15620051	5.20	13 1-	2 ACSR 6/1	0	0	1055	175	46	5	3	0.02	1.09	0
15620087	15620060	5.23	12 1-	2 ACSR 6/1	0	0	1048	175	46	5	3	0.00	1.10	0
15620086	15620087	5.36	0 1-	2 ACSR 6/1	0	0	1015	174	0	0	0	0.00	1.10	0
15620085	15620087	5.29	11 1-	2 ACSR 6/1	0	0	1033	175	41	5	3	0.01	1.10	0
15620089	15620085	5.35	9 1-	2 ACSR 6/1	0	0	1018	174	36	4	3	0.01	1.11	0
15620088	15620089	5.40	8 1-	2 ACSR 6/1	0	0	1003	174	28	3	2	0.01	1.12	0
15620069	15620088	5.59	1 1-	2 ACSR 6/1	0	0	958	173	3	0	0	0.00	1.12	0
15620046	15620088	5.51	6 1-	2 ACSR 6/1	0	0	977	173	20	2	1	0.01	1.13	0
15620047	15620046	5.60	2 1-	2 ACSR 6/1	0	0	956	173	7	0	0	0.00	1.13	0
15620073	15620047	5.65	1 1-	2 ACSR 6/1	0	0	945	172	7	0	0	0.00	1.13	0
15620071	15620047	5.68	1 1-	2 ACSR 6/1	0	0	938	172	0	0	0	0.00	1.13	0
15620072	15620071	5.70	0 1-	2 ACSR 6/1	0	0	935	172	0	0	0	0.00	1.13	0
15-62-P037-B	15620072	5.70	0 1-	Open	0	0	935	172	0	0	0	0.00	1.13	0
15620044	15620046	5.58	4 1-	2 ACSR 6/1	0	0	961	173	13	1	1	0.00	1.13	0
15620080	15620044	5.64	0 1-	2 ACSR 6/1	0	0	949	172	0	0	0	0.00	1.13	0
15620045	15620044	5.68	4 1-	2 ACSR 6/1	0	0	938	172	13	1	1	0.00	1.13	0
15620083	15620045	5.76	1 1-	2 ACSR 6/1	0	0	921	171	8	0	1	0.00	1.13	0
15620077	15620045	5.71	3 1-	2 ACSR 6/1	0	0	933	172	6	0	0	0.00	1.13	0
15620084	15620077	5.75	1 1-	2 ACSR 6/1	0	0	924	172	3	0	0	0.00	1.13	0
15620079	15620088	5.48	1 1-	2 ACSR 6/1	0	0	986	173	5	0	0	0.00	1.12	0
15620054	15630042	4.67	5 3-	336 ACSR 18/1	1727	1572	1223	180	13	0	0	0.00	0.82	0
15620055	15620054	4.71	4 3-	336 ACSR 18/1	1717	1563	1215	180	10	0	0	0.00	0.82	0
15620038	15620055	4.76	3 3-	336 ACSR 18/1	1703	1550	1204	179	5	0	0	0.00	0.82	0
15620058	15620038	4.80	2 3-	336 ACSR 18/1	1693	1540	1195	179	2	0	0	0.00	0.82	0
15620059	15620058	4.86	1 3-	336 ACSR 18/1	1679	1527	1184	179	1	0	0	0.00	0.82	0
15620049	15620059	5.07	0 3-	336 ACSR 18/1	1627	1479	1143	179	0	0	0	0.00	0.82	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15620111	15620049	5.20	0 1-	2 ACSR 6/1	0	0	1104	178	0	0	0	0.00	0.98	0
15620110	15620049	5.24	0 3-	336 ACSR 18/1	1589	1442	1112	178	0	0	0	0.00	0.82	0
15720035	15620110	5.32	0 3-	336 ACSR 18/1	1573	1428	1100	178	0	0	0	0.00	0.82	0
15-72-P184-B	15720035	5.32	0 3-	Open	1573	1428	1100	178	0	0	0	0.00	0.82	0
15620064	15620059	4.89	1 1-	2 ACSR 6/1	0	0	1174	179	1	0	0	0.00	0.98	0
15620057	15620038	4.80	1 1-	2 ACSR 6/1	0	0	1192	179	3	0	0	0.00	0.55	0
15620056	15620055	4.79	1 1-	2 ACSR 6/1	0	0	1187	179	4	0	0	0.00	0.55	0
15630049	15630053	4.61	1 1-	2 ACSR 6/1	0	0	1227	180	7	0	0	0.00	0.98	0
15630054	15630053	4.59	1 1-	2 ACSR 6/1	0	0	1233	180	1	0	0	0.00	0.98	0
20851190	15630043	4.31	1 1-	2 ACSR 6/1	0	0	1299	180	0	0	0	0.00	0.53	0
15730001	15630048	4.19	0 1-	2 ACSR 6/1	0	0	1320	180	0	0	0	0.00	0.93	0
D15-63-P081	20850606	3.54	129 3-	REC-50-H	2082	1909	1517	182	554	23	47	0.00	0.78	0
20850719	D15-63-P081	3.55	129 3-	2 ACSR 6/1	2071	1898	1509	182	554	23	13	0.01	0.79	4
20850720	20850719	3.81	126 3-	2 ACSR 6/1	1908	1734	1384	180	542	22	13	0.09	0.93	66
20850607	20850720	3.84	125 3-	2 ACSR 6/1	1890	1716	1370	180	534	22	13	0.01	0.94	7
20850718	20850607	3.93	1 1-	2 ACSR 6/1	0	0	1330	179	11	1	1	0.00	1.21	0
20850608	20850607	3.89	123 3-	2 ACSR 6/1	1861	1688	1349	180	508	21	12	0.02	0.97	11
15630062	20850608	3.91	1 1-	2 ACSR 6/1	0	0	1341	179	2	0	0	0.00	0.98	0
15630063	15630062	4.02	1 1-	2 ACSR 6/1	0	0	1296	179	2	0	0	0.00	0.98	0
20850609	20850608	3.97	122 3-	2 ACSR 6/1	1814	1641	1313	179	506	21	12	0.03	1.01	18
20850721	20850609	4.12	118 3-	2 ACSR 6/1	1736	1564	1256	178	477	20	11	0.04	1.08	29
20850922	20850721	4.17	3 1-	2 ACSR 6/1	0	0	1236	177	5	0	0	0.00	1.04	0
20850815	20850922	4.23	1 1-	2 ACSR 6/1	0	0	1213	177	1	0	0	0.00	1.04	0
20850749	20850922	4.21	1 1-	2 ACSR 6/1	0	0	1220	177	1	0	0	0.00	1.04	0
20850723	20850721	4.19	114 3-	2 ACSR 6/1	1698	1527	1228	177	466	19	11	0.02	1.12	14
20850747	20850723	4.23	113 3-	2 ACSR 6/1	1680	1510	1215	177	464	19	11	0.01	1.13	7
20850748	20850747	4.30	110 3-	2 ACSR 6/1	1646	1478	1190	177	450	19	11	0.02	1.17	12
20852150	20850748	4.37	106 3-	2 ACSR 6/1	1612	1444	1165	176	428	18	10	0.01	1.20	12
15530032	20852150	4.43	102 3-	2 ACSR 6/1	1583	1417	1145	176	419	17	10	0.01	1.22	10
20852155	15530032	4.50	100 3-	2 ACSR 6/1	1551	1386	1121	175	404	17	10	0.01	1.25	11
15530047	20852155	4.60	2 1-	2 ACSR 6/1	0	0	1093	174	2	0	0	0.00	1.02	0
15530055	20852155	4.59	96 3-	2 ACSR 6/1	1514	1350	1095	174	397	16	9	0.01	1.29	13
15530049	15530055	4.65	6 1-	2 ACSR 6/1	0	0	1077	174	27	3	2	0.01	1.07	0
D15-53-P001	15530049	4.65	5 1-	REC-50-L	0	0	1077	174	20	2	5	0.00	1.07	0
15530060	D15-53-P001	4.82	5 1-	2 ACSR 6/1	0	0	1030	173	20	2	1	0.01	1.08	0
20851534	15530060	4.87	2 1-	2 ACSR 6/1	0	0	1017	172	5	0	0	0.00	1.08	0
20851533	15530060	4.86	1 1-	2 ACSR 6/1	0	0	1020	172	4	0	0	0.00	1.08	0
15530048	15530055	4.62	2 1-	2 ACSR 6/1	0	0	1087	174	6	0	0	0.00	1.12	0
15530033	15530055	4.78	88 3-	2 ACSR 6/1	1438	1279	1041	173	364	15	9	0.02	1.36	24
15520045	15530033	4.84	1 1-	2 ACSR 6/1	0	0	1023	173	0	0	0	0.00	1.14	0
15520024	15530033	4.81	87 3-	2 ACSR 6/1	1425	1266	1031	173	363	15	9	0.00	1.37	4
15520032	15520024	4.88	78 3-	2 ACSR 6/1	1399	1242	1013	172	333	14	8	0.01	1.39	7
15520033	15520032	4.99	77 3-	2 ACSR 6/1	1362	1208	987	172	331	14	8	0.01	1.43	11
15520034	15520033	5.04	75 3-	2 ACSR 6/1	1342	1188	972	171	328	13	8	0.01	1.45	6
20851894	15520034	5.11	74 3-	2 ACSR 6/1	1319	1167	956	171	325	13	8	0.01	1.47	7
20851895	20851894	5.21	73 3-	2 ACSR 6/1	1289	1139	934	170	320	13	8	0.01	1.50	9
20851774	20851895	5.26	1 1-	2 ACSR 6/1	0	0	923	170	8	0	1	0.00	1.35	0
20851801	20851895	5.36	71 3-	2 ACSR 6/1	1241	1095	901	169	309	13	7	0.01	1.55	14
20851802	20851801	5.46	70 3-	2 ACSR 6/1	1214	1069	881	168	297	12	7	0.01	1.58	8
15520037	20851802	5.52	64 3-	2 ACSR 6/1	1195	1052	868	168	282	12	7	0.00	1.60	5
20851786	15520037	5.54	63 3-	2 ACSR 6/1	1190	1048	865	168	281	11	7	0.00	1.60	1
D15-52-P078	20851786	5.54	16 1-	SEC-50-GH	0	0	865	168	72	9	0	0.00	2.10	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15520039	D15-52-P078	5.60	5 1-	2 ACSR 6/1	0	0	853	167	20	2	1	0.00	2.10	0
15520040	15520039	5.67	3 1-	2 ACSR 6/1	0	0	841	167	11	1	1	0.00	2.11	0
15520038	15520040	5.72	1 1-	2 ACSR 6/1	0	0	831	166	8	0	1	0.00	2.11	0
15520026	D15-52-P078	5.68	11 1-	2 ACSR 6/1	0	0	838	167	52	6	4	0.03	2.13	1
15520027	15520026	5.79	11 1-	2 ACSR 6/1	0	0	819	166	52	6	4	0.02	2.15	0
15520029	15520027	5.94	8 1-	2 ACSR 6/1	0	0	793	165	36	4	3	0.02	2.17	0
15520030	15520029	5.98	1 1-	2 ACSR 6/1	0	0	787	165	3	0	0	0.00	2.17	0
15520031	15520030	6.12	0 1-	2 ACSR 6/1	0	0	765	164	0	0	0	0.00	2.17	0
15520041	15520029	6.18	7 1-	2 ACSR 6/1	0	0	755	163	34	4	2	0.03	2.19	0
15520043	15520041	6.29	6 1-	2 ACSR 6/1	0	0	740	163	29	3	2	0.01	2.20	0
15520044	15520043	6.31	1 1-	2 ACSR 6/1	0	0	736	163	5	0	0	0.00	2.21	0
20852314	15520043	6.46	5 1-	2 ACSR 6/1	0	0	715	162	24	3	2	0.01	2.22	0
20852313	20852314	6.53	4 1-	2 ACSR 6/1	0	0	707	161	21	2	1	0.00	2.22	0
15520042	20852313	6.62	3 1-	2 ACSR 6/1	0	0	695	161	17	2	1	0.01	2.23	0
15620081	15520042	6.72	2 1-	2 ACSR 6/1	0	0	682	160	13	1	1	0.00	2.23	0
15620082	15620081	6.76	1 1-	2 ACSR 6/1	0	0	677	160	5	0	0	0.00	2.23	0
15620040	15520042	6.74	1 1-	2 ACSR 6/1	0	0	680	160	4	0	0	0.00	2.23	0
15620070	15620040	6.85	1 1-	15 KV 2 URD XLP	0	0	670	319	4	0	0	0.00	2.23	0
15620108	15620040	6.76	0 1-	2 ACSR 6/1	0	0	677	160	0	0	0	0.00	2.23	0
15-62-P037-A	15620108	6.76	0 1-	Open	0	0	677	160	0	0	0	0.00	2.23	0
15520028	15520027	5.86	2 1-	2 ACSR 6/1	0	0	806	165	8	1	1	0.00	2.15	0
15520048	20851786	5.58	45 3-	2 ACSR 6/1	1178	1037	856	167	203	8	5	0.00	1.61	3
20851400	15520048	5.65	44 3-	2 ACSR 6/1	1161	1021	844	167	192	8	5	0.00	1.62	4
20851401	20851400	5.75	26 1-	2 ACSR 6/1	0	0	825	166	145	18	10	0.05	1.61	6
20851692	20851401	5.84	23 1-	2 ACSR 6/1	0	0	810	166	125	15	9	0.04	1.65	4
20851693	20851692	5.92	22 1-	2 ACSR 6/1	0	0	797	165	123	15	9	0.03	1.69	3
20851069	20851693	5.94	19 1-	2 ACSR 6/1	0	0	794	165	115	14	8	0.01	1.69	0
20851070	20851069	5.97	17 1-	2 ACSR 6/1	0	0	789	165	105	13	7	0.01	1.71	0
20851071	20851070	6.01	6 1-	2 ACSR 6/1	0	0	781	164	49	6	3	0.01	1.71	0
20851444	20851071	6.07	4 1-	2 ACSR 6/1	0	0	773	164	33	4	2	0.01	1.72	0
20851411	20851444	6.11	3 1-	2 ACSR 6/1	0	0	766	164	25	3	2	0.00	1.72	0
15420023	20851411	6.21	1 1-	2 ACSR 6/1	0	0	752	163	8	1	1	0.00	1.72	0
20851502	20851070	6.08	11 1-	2 ACSR 6/1	0	0	771	164	56	7	4	0.02	1.73	0
20851503	20851502	6.11	10 1-	2 ACSR 6/1	0	0	766	164	49	6	4	0.01	1.73	0
20851417	20851503	6.20	5 1-	2 ACSR 6/1	0	0	752	163	28	3	2	0.01	1.74	0
15420022	20851417	6.26	2 1-	2 ACSR 6/1	0	0	743	163	14	1	1	0.00	1.74	0
15520036	15420022	6.30	1 1-	2 ACSR 6/1	0	0	738	163	4	0	0	0.00	1.74	0
20851412	20851503	6.17	5 1-	2 ACSR 6/1	0	0	757	163	22	2	2	0.00	1.74	0
20851413	20851412	6.27	4 1-	2 ACSR 6/1	0	0	742	163	15	1	1	0.00	1.74	0
20851414	20851413	6.37	2 1-	2 ACSR 6/1	0	0	728	162	7	0	0	0.00	1.74	0
20851415	20851414	6.52	1 1-	2 ACSR 6/1	0	0	707	161	2	0	0	0.00	1.75	0
20851416	20851415	6.59	1 1-	2 ACSR 6/1	0	0	698	161	2	0	0	0.00	1.75	0
20851501	20851414	6.45	1 1-	2 ACSR 6/1	0	0	717	162	4	0	0	0.00	1.74	0
20851068	20851693	6.09	2 1-	2 ACSR 6/1	0	0	769	164	6	0	0	0.00	1.69	0
20851623	20851401	5.80	2 1-	2 ACSR 6/1	0	0	816	166	13	1	1	0.00	1.61	0
20851399	20851400	5.70	17 1-	2 ACSR 6/1	0	0	834	167	41	5	3	0.01	1.22	0
20851097	20851399	5.74	6 1-	2 ACSR 6/1	0	0	827	166	9	1	1	0.00	1.22	0
20851504	20851097	5.79	5 1-	2 ACSR 6/1	0	0	818	166	8	0	1	0.00	1.22	0
20851505	20851504	5.85	2 1-	2 ACSR 6/1	0	0	809	166	3	0	0	0.00	1.22	0
20850987	20851399	5.74	9 1-	2 ACSR 6/1	0	0	827	166	25	3	2	0.00	1.22	0
20850988	20850987	5.82	6 1-	2 ACSR 6/1	0	0	814	166	15	1	1	0.00	1.22	0
20851062	20850988	5.90	4 1-	2 ACSR 6/1	0	0	799	165	13	1	1	0.00	1.23	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851063	20851062	6.02	4 1-	2 ACSR 6/1	0	0	781	164	13	1	1	0.00	1.23	0
20851066	20851063	6.09	1 1-	2 ACSR 6/1	0	0	770	164	2	0	0	0.00	1.23	0
20851067	20851066	6.14	0 1-	2 ACSR 6/1	0	0	762	164	0	0	0	0.00	1.23	0
20851065	20851063	6.08	1 1-	2 ACSR 6/1	0	0	771	164	0	0	0	0.00	1.23	0
20851064	20851063	6.07	1 1-	2 ACSR 6/1	0	0	773	164	4	0	0	0.00	1.23	0
20851061	20850988	5.85	2 1-	2 ACSR 6/1	0	0	808	166	2	0	0	0.00	1.22	0
20851803	20851802	5.52	6 1-	2 ACSR 6/1	0	0	869	168	15	1	1	0.00	1.21	0
20851785	20851803	5.67	4 1-	2 ACSR 6/1	0	0	840	167	10	1	1	0.00	1.21	0
20851784	20851785	6.02	1 1-	2 ACSR 6/1	0	0	780	164	2	0	0	0.00	1.22	0
20851783	20851785	5.72	2 1-	2 ACSR 6/1	0	0	832	166	4	0	0	0.00	1.21	0
20851741	20851895	5.29	1 1-	2 ACSR 6/1	0	0	916	169	3	0	0	0.00	1.18	0
15520035	15520034	5.13	1 1-	2 ACSR 6/1	0	0	953	171	3	0	0	0.00	1.27	0
20851773	15520034	5.10	0 1-	2 ACSR 6/1	0	0	959	171	0	0	0	0.00	1.17	0
15520025	15520024	4.88	9 1-	2 ACSR 6/1	0	0	1014	172	30	3	2	0.01	1.81	0
20851902	15520025	4.95	6 1-	2 ACSR 6/1	0	0	994	172	17	2	1	0.00	1.82	0
20851903	20851902	5.01	6 1-	2 ACSR 6/1	0	0	980	171	17	2	1	0.00	1.82	0
20851697	20851903	5.06	5 1-	2 ACSR 6/1	0	0	969	171	14	1	1	0.00	1.82	0
20851904	20851697	5.16	3 1-	2 ACSR 6/1	0	0	945	170	9	1	1	0.00	1.83	0
15520046	20851904	5.23	1 1-	2 ACSR 6/1	0	0	928	170	3	0	0	0.00	1.83	0
20851772	20851903	5.07	1 1-	2 ACSR 6/1	0	0	967	171	3	0	0	0.00	1.82	0
20851565	15520025	4.90	2 1-	2 ACSR 6/1	0	0	1008	172	12	1	1	0.00	1.81	0
20851566	20851565	4.92	1 1-	2 ACSR 6/1	0	0	1002	172	6	0	0	0.00	1.81	0
20851564	15520025	4.92	1 1-	2 ACSR 6/1	0	0	1003	172	2	0	0	0.00	1.81	0
20852154	15530032	4.51	2 1-	2 ACSR 6/1	0	0	1119	175	15	1	1	0.00	1.10	0
15530029	20852150	4.47	4 1-	2 ACSR 6/1	0	0	1133	175	9	1	1	0.00	1.56	0
20852153	15530029	4.66	2 1-	2 ACSR 6/1	0	0	1073	174	5	0	0	0.00	1.56	0
20852322	20852153	4.75	1 1-	2 ACSR 6/1	0	0	1047	173	3	0	0	0.00	1.56	0
20852323	20852322	4.81	1 1-	2 ACSR 6/1	0	0	1033	173	3	0	0	0.00	1.56	0
15530030	20852322	5.06	0 1-	2 ACSR 6/1	0	0	969	171	0	0	0	0.00	1.56	0
20852152	15530029	4.53	0 1-	2 ACSR 6/1	0	0	1114	175	0	0	0	0.00	1.56	0
20852151	15530029	4.51	2 1-	2 ACSR 6/1	0	0	1120	175	4	0	0	0.00	1.56	0
20852149	20850748	4.33	3 1-	2 ACSR 6/1	0	0	1178	176	15	1	1	0.00	1.08	0
20852148	20852149	4.43	2 1-	2 ACSR 6/1	0	0	1144	176	6	0	0	0.00	1.08	0
20850722	20850721	4.24	1 1-	2 ACSR 6/1	0	0	1210	177	6	0	0	0.00	0.81	0
20850610	20850609	4.04	3 1-	2 ACSR 6/1	0	0	1286	178	18	2	1	0.00	1.01	0
20850534	20850610	4.11	1 1-	2 ACSR 6/1	0	0	1260	178	4	0	0	0.00	1.01	0
15630044	20850602	3.46	0 1-	2 ACSR 6/1	0	0	1520	182	0	0	0	0.00	0.82	0
20850332	20850330	3.30	6 1-	2 ACSR 6/1	0	0	1575	182	19	2	1	0.01	0.81	0
20850515	20850332	3.46	5 1-	2 ACSR 6/1	0	0	1487	181	12	1	1	0.01	0.81	0
20850517	20850515	3.54	3 1-	2 ACSR 6/1	0	0	1446	180	8	1	1	0.00	0.82	0
20850516	20850515	3.54	1 1-	2 ACSR 6/1	0	0	1445	180	2	0	0	0.00	0.81	0
20850497	20850516	3.60	0 1-	2 ACSR 6/1	0	0	1419	180	0	0	0	0.00	0.81	0
20850331	20850330	3.27	2 1-	2 ACSR 6/1	0	0	1596	183	8	1	1	0.00	0.51	0
20851193	20850331	3.37	1 1-	2 ACSR 6/1	0	0	1538	182	3	0	0	0.00	0.51	0
15430004	20851913	1.69	30 1-	2 ACSR 6/1	0	0	2473	186	136	17	10	0.02	0.72	2
D15-43-P027	15430004	1.69	29 1-	REC-50-L	0	0	2473	186	130	16	33	0.00	0.72	0
20851707	D15-43-P027	1.74	29 1-	2 ACSR 6/1	0	0	2415	186	130	16	9	0.02	0.74	2
20851708	20851707	1.86	27 1-	2 ACSR 6/1	0	0	2260	185	119	15	8	0.05	0.80	5
20851715	20851708	1.93	1 1-	2 ACSR 6/1	0	0	2181	184	9	1	1	0.00	0.80	0
20851576	20851708	1.95	24 1-	2 ACSR 6/1	0	0	2158	184	104	13	7	0.03	0.83	3
20851718	20851576	1.99	2 1-	2 ACSR 6/1	0	0	2112	184	14	1	1	0.00	0.83	0
20851577	20851576	2.13	21 1-	2 ACSR 6/1	0	0	1980	183	87	11	6	0.05	0.88	4

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 26	CMBRDLDFALLS(26)				4996	5043	5443	190	13311						
SUB 26,	CKT 1		1628												
	BK2601	CMBRDLDFALLS(26)	0.00	513 3-	BK2601	4996	5043	5443	190	4084	170	81	0.00	0.00	0
	14070027	BK2601	0.05	513 3-	336 ACSR 18/1	4895	4920	5254	190	4084	170	32	0.04	0.04	147
	14070053	14070027	0.08	1 1-	2 ACSR 6/1	0	0	5080	189	14	1	0.00	0.08	0	
	14070051	14070027	0.12	512 3-	336 ACSR 18/1	4752	4746	4995	189	4069	169	32	0.07	0.10	218
	14070052	14070051	0.15	2 1-	2 ACSR 6/1	0	0	4847	189	17	2	1	0.00	0.20	0
	14070087	14070052	0.26	1 1-	2 ACSR 6/1	0	0	4351	188	8	1	1	0.00	0.20	0
	14070050	14070051	0.18	508 3-	336 ACSR 18/1	4641	4614	4800	189	4039	168	32	0.06	0.15	175
	14070088	14070050	0.20	123 2-	2 ACSR 6/1	0	4759	4726	189	794	49	28	0.01	0.25	14
	14070089	14070088	0.23	121 2-	2 ACSR 6/1	0	4630	4595	189	777	48	27	0.01	0.28	24
	14070086	14070089	0.28	120 2-	2 ACSR 6/1	0	4388	4344	188	765	48	27	0.03	0.35	48
	14070028	14070086	0.40	119 2-	2 ACSR 6/1	0	3991	3912	188	756	47	26	0.05	0.48	91
	D14-07-P033	14070028	0.40	119 2-	REC-70-L	0	3991	3912	188	755	47	68	0.00	0.48	0
	14070030	D14-07-P033	0.45	119 2-	2 ACSR 6/1	0	3827	3729	187	755	47	26	0.03	0.54	44
	14070031	14070030	0.49	3 1-	2 ACSR 6/1	0	0	3621	187	22	2	2	0.00	0.30	0
	14070069	14070031	0.54	2 1-	2 ACSR 6/1	0	0	3476	186	15	1	1	0.00	0.30	0
	14070070	14070069	0.60	1 1-	2 ACSR 6/1	0	0	3294	186	12	1	1	0.00	0.30	0
	14070029	14070030	0.68	116 2-	2 ACSR 6/1	0	3260	3094	185	733	46	26	0.09	0.79	177
	14180036	14070029	0.90	2 1-	2 ACSR 6/1	0	0	2652	184	0	0	0	0.00	1.20	0
	14170040	14180036	0.98	1 1-	15 KV 2 URD XLP	0	0	2516	453	0	0	0	0.00	1.20	0
	14180021	14070029	0.73	110 2-	2 ACSR 6/1	0	3160	2982	185	698	44	25	0.01	0.84	36
	14180022	14180021	0.80	108 2-	2 ACSR 6/1	0	3027	2836	184	688	43	24	0.02	0.91	49
	14180020	14180022	0.87	107 2-	2 ACSR 6/1	0	2903	2700	184	678	42	24	0.02	0.98	49
	14180027	14180020	0.94	105 2-	2 ACSR 6/1	0	2793	2580	183	670	42	24	0.02	1.05	47
	14180028	14180027	0.99	104 2-	2 ACSR 6/1	0	2710	2491	183	662	41	23	0.01	1.10	36
	14180012	14180028	1.02	102 2-	2 ACSR 6/1	0	2664	2442	183	654	41	23	0.01	1.13	20
	14180017	14180012	1.07	100 2-	2 ACSR 6/1	0	2602	2376	182	637	40	22	0.01	1.17	27
	14180019	14180017	1.10	97 2-	2 ACSR 6/1	0	2560	2332	182	614	38	22	0.01	1.20	18
	14180016	14180019	1.17	2 1-	2 ACSR 6/1	0	0	2230	182	20	2	1	0.00	0.49	0
	14180014	14180016	1.23	1 1-	2 ACSR 6/1	0	0	2162	181	8	1	1	0.00	0.49	0
	14180015	14180019	1.21	94 2-	2 ACSR 6/1	0	2416	2181	181	586	37	21	0.01	1.30	64
	14180033	14180015	1.24	1 1-	2 ACSR 6/1	0	0	2148	181	9	1	1	0.00	0.50	0
	14180007	14180015	1.33	93 2-	2 ACSR 6/1	0	2283	2044	180	577	36	20	0.01	1.39	65
	14180031	14180007	1.48	91 2-	2 ACSR 6/1	0	2137	1896	179	560	35	20	0.01	1.51	77
	14180029	14180031	1.54	1 1-	2 ACSR 6/1	0	0	1834	179	8	1	1	0.00	2.50	0
	14180011	14180031	1.65	89 2-	2 ACSR 6/1	0	1982	1742	178	543	34	19	0.01	1.64	88
	14280018	14180011	1.69	88 2-	2 ACSR 6/1	0	1950	1711	178	534	34	19	0.00	1.68	20
	14280021	14280018	1.77	87 2-	2 ACSR 6/1	0	1888	1650	177	530	33	19	0.00	1.74	39
	14280022	14280021	1.99	1 2-	2 ACSR 6/1	0	1741	1508	176	5	0	0	0.00	1.74	0
	14280030	14280022	2.02	1 2-	2 ACSR 6/1	0	1717	1485	175	5	0	0	0.00	1.74	0
	14280013	14280021	1.99	86 2-	2 ACSR 6/1	0	1737	1505	176	524	33	19	0.01	1.90	105
	14280026	14280013	2.04	2 1-	2 ACSR 6/1	0	0	1475	175	14	1	1	0.00	0.53	0
	14280015	14280013	2.26	84 2-	2 ACSR 6/1	0	1581	1357	174	509	32	18	-0.01	2.09	127
	14280016	14280015	2.39	82 2-	2 ACSR 6/1	0	1514	1295	173	499	32	18	-0.01	2.19	61
	14280024	14280016	2.42	3 1-	2 ACSR 6/1	0	0	1282	173	9	1	1	0.00	3.86	0
	14280025	14280024	2.45	2 1-	2 ACSR 6/1	0	0	1268	172	6	0	0	0.00	3.86	0
	14280031	14280016	2.46	2 1-	2 ACSR 6/1	0	0	1268	172	1	0	0	0.00	0.52	0
	14280017	14280016	2.60	77 2-	2 ACSR 6/1	0	1420	1208	171	489	31	17	-0.01	2.33	92
	14280029	14280017	2.70	3 1-	2 ACSR 6/1	0	0	1170	171	11	1	1	0.00	0.51	0
	14280033	14280029	2.76	1 1-	2 ACSR 6/1	0	0	1149	170	7	0	0	0.00	0.51	0
	14280014	14280017	2.72	74 2-	2 ACSR 6/1	0	1369	1162	171	477	30	17	-0.01	2.41	54

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14180035	14280014	3.02	1 1-	2 ACSR 6/1	0	0	1063	169	8	0	1	0.00	0.50	0
14180009	14280014	2.92	67 2-	2 ACSR 6/1	0	1296	1095	169	436	28	16	-0.01	2.53	72
D14-19-P009	14180009	2.92	13 1-	RBC-35-H	0	0	1095	169	79	10	30	0.00	4.57	0
14190013	D14-19-P009	2.97	13 1-	2 ACSR 6/1	0	0	1077	169	79	10	6	0.01	4.59	0
14190012	14190013	3.02	2 1-	2 ACSR 6/1	0	0	1064	169	9	1	1	0.00	4.59	0
14190006	14190013	3.05	4 1-	2 ACSR 6/1	0	0	1054	168	29	3	2	0.01	4.59	0
14190007	14190006	3.16	2 1-	2 ACSR 6/1	0	0	1022	168	19	2	1	0.01	4.60	0
14180034	14190007	3.22	1 1-	2 ACSR 6/1	0	0	1006	167	2	0	0	0.00	4.60	0
14180010	14190007	3.53	1 1-	2 ACSR 6/1	0	0	928	165	17	2	1	0.01	4.61	0
14190011	14190013	3.07	3 1-	2 ACSR 6/1	0	0	1047	168	22	2	2	0.01	4.59	0
14190009	14190011	3.23	1 1-	2 ACSR 6/1	0	0	1003	167	5	0	0	0.00	4.59	0
14190008	14190011	3.17	1 1-	2 ACSR 6/1	0	0	1020	168	8	1	1	0.00	4.59	0
14190004	14180009	3.02	54 2-	2 ACSR 6/1	0	1261	1063	169	356	22	13	0.00	2.58	23
14190010	14190004	3.22	49 2-	2 ACSR 6/1	0	1196	1005	167	338	21	12	0.01	2.68	40
14290043	14190010	3.34	1 1-	2 ACSR 6/1	0	0	973	166	13	1	1	0.00	4.87	0
14290044	14190010	3.40	47 2-	2 ACSR 6/1	0	1143	958	166	322	20	12	0.01	2.76	33
14290060	14290044	3.48	1 1-	15 KV 2 URD XLP	0	0	937	353	11	1	1	0.00	0.50	0
14290049	14290044	3.48	46 2-	2 ACSR 6/1	0	1121	938	165	311	20	11	0.00	2.80	14
14290053	14290049	3.52	44 2-	2 ACSR 6/1	0	1110	929	165	302	19	11	0.00	2.82	7
14290054	14290053	3.56	43 2-	2 ACSR 6/1	0	1101	920	165	301	19	11	0.00	2.83	6
14290048	14290054	3.65	3 1-	2 ACSR 6/1	0	0	900	164	15	1	1	0.00	0.50	0
14290042	14290054	3.66	39 2-	2 ACSR 6/1	0	1075	897	164	277	18	10	-0.01	2.87	17
14290047	14290042	3.76	37 2-	2 ACSR 6/1	0	1051	876	164	265	17	10	-0.01	2.90	16
14290024	14290047	3.81	2 1-	2 ACSR 6/1	0	0	866	163	13	1	1	0.00	0.47	0
D14-29-P023	14290024	3.81	1 1-	FUS-50	0	0	866	163	2	0	1	0.00	0.47	0
14290067	D14-29-P023	4.24	1 1-	2 ACSR 6/1	0	0	787	161	2	0	0	0.00	0.48	0
14290021	14290047	3.88	34 2-	2 ACSR 6/1	0	1024	852	163	245	15	9	-0.02	2.94	17
14290023	14290021	3.95	33 2-	2 ACSR 6/1	0	1007	837	162	238	15	9	-0.01	2.96	11
14290022	14290023	4.00	32 2-	2 ACSR 6/1	0	996	828	162	231	15	8	-0.01	2.98	7
14290037	14290022	4.04	0 1-	2 ACSR 6/1	0	0	821	162	0	0	0	0.00	0.43	0
14290020	14290022	4.12	31 2-	2 ACSR 6/1	0	971	806	161	216	14	8	-0.03	3.01	17
D14-29-P029	14290020	4.12	27 1-	RBC-25-H	0	0	806	161	200	26	105	0.00	5.63	0
14290025	D14-29-P029	4.16	27 1-	2 ACSR 6/1	0	0	801	161	200	26	15	0.02	5.65	4
14290026	14290025	4.20	26 1-	2 ACSR 6/1	0	0	794	161	196	25	14	0.03	5.68	5
14290027	14290026	4.24	2 1-	2 ACSR 6/1	0	0	786	161	18	2	1	0.00	5.68	0
14290028	14290027	4.30	1 1-	2 ACSR 6/1	0	0	777	160	10	1	1	0.00	5.68	0
14290029	14290026	4.30	23 1-	2 ACSR 6/1	0	0	776	160	167	21	12	0.06	5.74	8
14290033	14290029	4.38	14 1-	2 ACSR 6/1	0	0	764	160	87	11	6	0.02	5.76	2
14290057	14290033	4.54	13 1-	2 ACSR 6/1	0	0	739	159	79	10	6	0.04	5.80	3
14290062	14290057	4.65	7 1-	2 ACSR 6/1	0	0	723	158	35	4	3	0.01	5.82	0
14290063	14290062	4.72	4 1-	2 ACSR 6/1	0	0	713	158	20	2	1	0.00	5.82	0
14290064	14290063	4.85	2 1-	2 ACSR 6/1	0	0	696	157	9	1	1	0.00	5.82	0
14290039	14290064	4.92	1 1-	2 ACSR 6/1	0	0	687	157	0	0	0	0.00	5.82	0
14290071	14290062	4.69	2 1-	2 ACSR 6/1	0	0	718	158	13	1	1	0.00	5.82	0
14390031	14290071	4.91	1 1-	2 ACSR 6/1	0	0	687	157	8	1	1	0.00	5.82	0
14390017	14390031	4.97	0 1-	2 ACSR 6/1	0	0	681	156	0	0	0	0.00	5.82	0
14290055	14290057	4.63	5 1-	2 ACSR 6/1	0	0	726	158	36	4	3	0.01	5.82	0
14290059	14290055	4.65	4 1-	2 ACSR 6/1	0	0	722	158	36	4	3	0.00	5.82	0
14290061	14290059	4.70	3 1-	2 ACSR 6/1	0	0	717	158	23	3	2	0.00	5.82	0
14290065	14290061	4.74	2 1-	2 ACSR 6/1	0	0	710	158	11	1	1	0.00	5.82	0
14290066	14290065	4.84	0 1-	2 ACSR 6/1	0	0	697	157	0	0	0	0.00	5.82	0
14290058	14290061	4.74	1 1-	2 ACSR 6/1	0	0	711	158	13	1	1	0.00	5.82	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14290031	14290029	4.33	7 1-	2 ACSR 6/1	0	0	771	160	63	8	5	0.01	5.74	0
14290038	14290031	4.37	6 1-	2 ACSR 6/1	0	0	765	160	53	6	4	0.01	5.75	0
14290034	14290038	4.41	4 1-	2 ACSR 6/1	0	0	758	160	37	4	3	0.00	5.75	0
14290035	14290034	4.52	2 1-	2 ACSR 6/1	0	0	742	159	22	2	2	0.01	5.76	0
14290056	14290035	4.70	1 1-	2 ACSR 6/1	0	0	717	158	14	1	1	0.00	5.77	0
14290030	14290029	4.35	0 1-	2 ACSR 6/1	0	0	768	160	0	0	0	0.00	5.74	0
14290036	14290020	4.16	4 2-	2 ACSR 6/1	0	963	800	161	16	1	1	0.00	3.01	0
14290032	14290036	4.32	4 2-	2 ACSR 6/1	0	934	774	160	16	1	1	0.00	3.02	0
D15-22-P001	14290032	4.32	1 1-	FUS	0	0	774	160	0	0	1	0.00	5.64	0
15220025	D15-22-P001	4.62	1 1-	2 ACSR 6/1	0	0	727	158	0	0	0	0.00	5.64	0
15220026	15220025	4.69	1 1-	2 ACSR 6/1	0	0	717	158	0	0	0	0.00	5.64	0
15220024	14290032	4.42	3 2-	2 ACSR 6/1	0	914	757	160	15	1	1	0.00	3.02	0
20850121	15220024	4.48	3 2-	2 ACSR 6/1	0	904	748	159	15	1	1	0.00	3.02	0
20850120	20850121	4.53	2 2-	2 ACSR 6/1	0	894	740	159	13	0	0	0.00	3.02	0
15220023	20850120	5.12	2 1-	2 ACSR 6/1	0	0	662	155	13	1	1	0.03	5.68	0
14390016	15220023	5.47	2 1-	2 ACSR 6/1	0	0	623	153	13	1	1	0.02	5.69	0
14390019	14390016	5.52	1 1-	2 ACSR 6/1	0	0	618	153	7	0	1	0.00	5.69	0
14390011	14390016	5.52	1 1-	2 ACSR 6/1	0	0	617	153	6	0	0	0.00	5.69	0
15220020	20850120	4.65	0 2-	2 ACSR 6/1	0	876	724	158	0	0	0	0.00	3.02	0
15-22-P016-A	15220020	4.65	0 2-	Open	0	876	724	158	0	0	0	0.00	3.02	0
14290045	14290042	3.71	1 1-	2 ACSR 6/1	0	0	887	164	10	1	1	0.00	0.49	0
14190005	14190004	3.29	5 1-	2 ACSR 6/1	0	0	986	167	18	2	1	0.02	4.69	0
14290041	14190005	3.38	1 1-	2 ACSR 6/1	0	0	963	166	3	0	0	0.00	4.69	0
14290040	14190005	3.36	1 1-	2 ACSR 6/1	0	0	968	166	7	0	0	0.00	4.69	0
14290019	14190005	3.41	3 1-	2 ACSR 6/1	0	0	955	166	9	1	1	0.00	4.70	0
14290052	14290019	3.64	2 1-	2 ACSR 6/1	0	0	902	164	2	0	0	0.00	4.70	0
14290046	14290052	3.75	1 1-	2 ACSR 6/1	0	0	878	164	0	0	0	0.00	4.70	0
14290051	14290019	3.49	1 1-	2 ACSR 6/1	0	0	937	165	7	0	1	0.00	4.70	0
14290050	14290019	3.47	0 1-	2 ACSR 6/1	0	0	941	166	0	0	0	0.00	4.70	0
14180008	14280014	2.82	6 1-	2 ACSR 6/1	0	0	1127	170	32	4	2	0.01	4.33	0
14280028	14180008	2.87	2 1-	2 ACSR 6/1	0	0	1110	169	5	0	0	0.00	4.33	0
14280027	14180008	2.85	2 1-	2 ACSR 6/1	0	0	1116	170	7	0	1	0.00	4.33	0
14280019	14180008	2.93	2 1-	2 ACSR 6/1	0	0	1092	169	20	2	1	0.01	4.34	0
14290070	14280019	2.99	1 1-	2 ACSR 6/1	0	0	1071	169	8	1	1	0.00	4.34	0
14280023	14280015	2.31	2 1-	2 ACSR 6/1	0	0	1336	173	8	1	1	0.00	0.53	0
14180030	14180007	1.43	2 1-	2 ACSR 6/1	0	0	1940	180	16	2	1	0.00	0.51	0
14180032	14180030	1.55	1 1-	2 ACSR 6/1	0	0	1825	179	7	0	0	0.00	0.51	0
14180018	14180017	1.11	1 1-	2 ACSR 6/1	0	0	2322	182	13	1	1	0.00	0.48	0
14180026	14180012	1.07	2 1-	2 ACSR 6/1	0	0	2375	182	17	2	1	0.00	1.79	0
14180013	14070029	0.72	4 1-	2 ACSR 6/1	0	0	2995	185	33	4	2	0.00	0.39	0
14180023	14180013	0.82	3 1-	2 ACSR 6/1	0	0	2806	184	25	3	2	0.01	0.40	0
14180025	14180023	0.93	1 1-	2 ACSR 6/1	0	0	2601	183	13	1	1	0.00	0.40	0
14180024	14180023	0.86	1 1-	2 ACSR 6/1	0	0	2723	184	6	0	0	0.00	0.40	0
14070064	14070050	0.23	385 3-	336 ACSR 18/1	4554	4511	4653	189	3243	135	26	0.05	0.19	89
14070075	14070064	0.29	380 3-	336 ACSR 18/1	4453	4393	4486	189	3200	133	25	0.06	0.22	103
14070076	14070075	0.35	379 3-	336 ACSR 18/1	4348	4271	4317	189	3197	133	25	0.06	0.27	112
14070083	14070076	0.40	5 1-	2 ACSR 6/1	0	0	4145	189	26	3	2	0.00	0.45	0
14070077	14070083	0.44	3 1-	2 ACSR 6/1	0	0	3998	188	17	2	1	0.00	0.46	0
14070078	14070077	0.48	3 1-	2 ACSR 6/1	0	0	3862	188	17	2	1	0.00	0.46	0
14070079	14070078	0.57	1 1-	2 ACSR 6/1	0	0	3577	187	9	1	1	0.00	0.46	0
14070080	14070078	0.52	2 1-	2 ACSR 6/1	0	0	3732	188	8	1	1	0.00	0.46	0
14070103	14070076	0.39	372 3-	336 ACSR 18/1	4283	4197	4215	189	3154	131	25	0.04	0.29	71

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14070105	14070103	0.44	2 3-	2 ACSR 6/1	4148	4050	4023	188	5	0	0	0.00	0.29	0
14070106	14070105	0.46	0 3-	2 ACSR 6/1	4108	4007	3968	188	0	0	0	0.00	0.29	0
14070104	14070103	0.43	369 3-	336 ACSR 18/1	4220	4125	4118	189	3139	131	25	0.04	0.32	70
14070082	14070104	0.53	1 1-	2 ACSR 6/1	0	0	3781	188	6	0	0	0.00	0.53	0
14070081	14070104	0.51	366 3-	336 ACSR 18/1	4105	3995	3944	189	3112	130	25	0.08	0.37	132
14070062	14070081	0.56	2 1-	2 ACSR 6/1	0	0	3780	188	13	1	1	0.00	0.59	0
14070061	14070081	0.54	3 1-	2 ACSR 6/1	0	0	3834	188	13	1	1	0.00	0.50	0
14070063	14070061	0.62	1 1-	2 ACSR 6/1	0	0	3592	188	8	0	1	0.00	0.50	0
14070040	14070081	0.57	361 3-	336 ACSR 18/1	4023	3904	3823	188	3084	129	24	0.06	0.40	96
8970025	14070040	0.59	361 3-	336 ACSR 18/1	3994	3871	3782	188	3083	129	24	0.02	0.42	35
D08-97-P013	8970025	0.59	4 1-	FUS-50	0	0	3782	188	45	5	12	0.00	0.57	0
8970037	D08-97-P013	0.65	4 1-	2 ACSR 6/1	0	0	3590	188	45	5	3	0.01	0.58	0
8970038	8970037	0.74	4 1-	2 ACSR 6/1	0	0	3359	187	45	5	3	0.01	0.59	0
8970023	8970038	0.83	2 1-	2 ACSR 6/1	0	0	3145	187	21	2	1	0.00	0.60	0
8970024	8970025	0.68	355 3-	336 ACSR 18/1	3867	3731	3600	188	3026	126	24	0.09	0.48	153
8970015	8970024	0.77	353 3-	336 ACSR 18/1	3758	3612	3450	188	3018	126	24	0.08	0.53	138
8980029	8970015	0.83	349 3-	336 ACSR 18/1	3691	3540	3361	188	2994	125	24	0.05	0.56	87
8980038	8980029	1.26	346 3-	336 ACSR 18/1	3239	3062	2789	187	2970	124	23	0.41	0.82	681
8880108	8980038	1.30	1 1-	2 ACSR 6/1	0	0	2725	187	0	0	0	0.00	0.03	0
8880059	8980038	1.32	343 3-	3/0 ACSR 6/1	3175	2997	2717	187	2952	124	41	0.09	0.88	163
8980036	8880059	1.41	7 3-	3/0 ACSR 6/1	3071	2891	2602	186	36	1	1	0.00	0.89	0
8980037	8980036	1.47	6 3-	3/0 ACSR 6/1	3001	2821	2526	186	27	1	0	0.00	0.89	20
8980043	8980037	1.49	3 3-	3/0 ACSR 6/1	2977	2797	2500	186	10	0	0	0.00	0.89	0
8980041	8980037	1.51	3 1-	2 ACSR 6/1	0	0	2466	186	17	2	1	0.00	1.31	0
8980042	8980041	1.55	2 1-	2 ACSR 6/1	0	0	2418	186	9	1	1	0.00	1.31	0
8980035	8880059	1.35	1 1-	2 ACSR 6/1	0	0	2664	186	3	0	0	0.00	1.31	0
8980034	8880059	1.36	3 1-	2 ACSR 6/1	0	0	2654	186	22	2	2	0.00	0.04	0
8980046	8980034	1.42	2 1-	2 ACSR 6/1	0	0	2551	186	11	1	1	0.00	0.05	0
8980045	8980034	1.46	1 1-	2 ACSR 6/1	0	0	2500	186	12	1	1	0.00	0.05	0
8980033	8880059	1.38	330 3-	3/0 ACSR 6/1	3106	2927	2640	187	2876	120	40	0.10	0.95	176
8880124	8980033	1.44	328 3-	3/0 ACSR 6/1	3034	2855	2562	186	2863	120	40	0.11	1.02	188
8880175	8880124	1.48	4 1-	2 ACSR 6/1	0	0	2512	186	82	10	6	0.01	0.08	0
8880176	8880175	1.50	3 1-	2 ACSR 6/1	0	0	2484	186	76	10	6	0.00	0.09	0
8880125	8880124	1.51	306 3-	3/0 ACSR 6/1	2965	2785	2487	186	2634	110	37	0.10	1.09	164
8880199	8880125	1.58	1 1-	3/0 ACSR 6/1	0	0	2409	186	2	0	0	0.00	1.61	0
8880198	8880125	1.56	305 3-	3/0 ACSR 6/1	2905	2725	2423	186	2631	110	37	0.09	1.15	147
C08-88-P68	8880198	1.56	0 3-	Capacitor	2905	2725	2423	186	0	-13	0	0.00	1.15	0
8880056	8880198	1.69	304 3-	3/0 ACSR 6/1	2780	2599	2292	185	2313	98	33	0.19	1.28	264
D08-88-P066	8880056	1.69	4 1-	FUS-40	0	0	2292	185	16	2	6	0.00	1.89	0
8880162	D08-88-P066	1.72	4 1-	2 ACSR 6/1	0	0	2258	185	16	2	1	0.00	1.89	0
8880189	8880162	1.76	2 1-	2 ACSR 6/1	0	0	2218	185	8	1	1	0.00	1.89	0
8880095	8880162	1.78	1 1-	2 ACSR 6/1	0	0	2190	185	4	0	0	0.00	1.89	0
8880122	8880056	1.72	126 3-	2 ACSR 6/1	2749	2567	2261	185	831	35	20	0.02	1.30	15
8880164	8880122	1.73	123 3-	2 ACSR 6/1	2733	2551	2245	185	809	34	19	0.01	1.31	7
D08-88-P279	8880164	1.73	123 3-	REC-50-L	2733	2551	2245	185	809	34	19	0.00	1.31	0
8880163	D08-88-P279	1.74	123 3-	2 ACSR 6/1	2723	2540	2235	185	809	34	19	0.01	1.32	5
8880123	8880163	1.80	120 3-	2 ACSR 6/1	2656	2471	2171	184	788	33	19	0.04	1.36	30
8880134	8880123	2.00	118 3-	2 ACSR 6/1	2444	2254	1970	183	781	33	18	0.14	1.51	100
8980050	8880134	2.02	117 3-	2 ACSR 6/1	2424	2233	1951	183	769	32	18	0.01	1.53	10
8980051	8980050	2.06	116 3-	2 ACSR 6/1	2377	2186	1909	182	762	32	18	0.03	1.56	23
8980025	8980051	2.15	79 3-	2 ACSR 6/1	2296	2105	1836	182	485	20	11	0.09	1.60	24
8980021	8980025	2.32	79 3-	2 ACSR 6/1	2150	1961	1707	181	484	20	11	0.17	1.68	46

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8980049	8980021	2.36	79 3-	2 ACSR 6/1	2113	1924	1675	180	484	20	11	0.04	1.70	13
8990045	8980049	2.46	79 3-	2 ACSR 6/1	2032	1844	1604	179	484	20	11	0.10	1.75	29
8990046	8990045	2.50	2 1-	2 ACSR 6/1	0	0	1584	179	8	1	1	0.00	2.56	0
8990047	8990046	2.54	0 1-	2 ACSR 6/1	0	0	1556	179	0	0	0	0.00	2.56	0
8990044	8990045	2.56	76 3-	2 ACSR 6/1	1964	1778	1547	179	466	19	11	0.09	1.79	24
8990053	8990044	2.59	2 1-	2 ACSR 6/1	0	0	1529	178	10	1	1	0.00	2.65	0
8990023	8990044	2.66	74 3-	2 ACSR 6/1	1894	1710	1487	178	456	19	11	0.09	1.84	25
8990054	8990023	2.69	3 1-	2 ACSR 6/1	0	0	1470	178	21	2	2	0.00	2.22	0
8990056	8990054	2.87	1 1-	15 KV 2 URD XLP	0	0	1378	408	3	0	0	0.00	2.22	0
8990055	8990054	2.80	2 1-	2 ACSR 6/1	0	0	1408	177	18	2	1	0.00	2.22	0
8990022	8990023	2.73	71 3-	2 ACSR 6/1	1844	1662	1445	177	434	18	10	0.07	1.87	19
8990031	8990022	2.75	35 1-	2 ACSR 6/1	0	0	1437	177	238	30	17	0.01	2.83	2
08-99-P009-A	8990031	2.75	35 1-	Closed	0	0	1437	177	238	30	0	0.00	2.83	0
08-99-P009-B	08-99-P009-A	2.75	35 1-	Closed	0	0	1437	177	238	30	0	0.00	2.83	0
8990039	08-99-P009-B	2.81	35 1-	2 ACSR 6/1	0	0	1406	177	238	30	17	0.05	2.88	10
8990042	8990039	2.96	5 1-	2 ACSR 6/1	0	0	1331	176	31	3	2	0.01	2.89	0
8990043	8990042	3.00	2 1-	2 ACSR 6/1	0	0	1315	175	8	1	1	0.00	2.89	0
8990040	8990039	3.04	5 1-	2 ACSR 6/1	0	0	1296	175	23	2	2	0.02	2.90	0
8990041	8990040	3.19	4 1-	2 ACSR 6/1	0	0	1235	174	14	1	1	0.01	2.90	0
8890156	8990041	3.27	3 1-	2 ACSR 6/1	0	0	1205	174	12	1	1	0.00	2.91	0
8890081	8890156	3.35	2 1-	2 ACSR 6/1	0	0	1176	173	9	1	1	0.00	2.91	0
8890079	8890081	3.47	1 1-	2 ACSR 6/1	0	0	1131	172	4	0	0	0.00	2.91	0
8890080	8890156	3.28	1 1-	2 ACSR 6/1	0	0	1199	173	3	0	0	0.00	2.91	0
8990038	8990039	2.87	25 1-	2 ACSR 6/1	0	0	1375	176	185	23	13	0.04	2.92	6
8990037	8990038	2.92	22 1-	2 ACSR 6/1	0	0	1354	176	175	22	12	0.03	2.95	4
8990030	8990037	2.97	3 1-	2 ACSR 6/1	0	0	1329	176	30	3	2	0.00	2.95	0
8990029	8990030	3.00	2 1-	2 ACSR 6/1	0	0	1315	175	22	2	2	0.00	2.95	0
8890062	8990037	2.95	18 1-	2 ACSR 6/1	0	0	1338	176	144	18	10	0.02	2.96	2
8890112	8890062	3.01	13 1-	2 ACSR 6/1	0	0	1310	175	118	15	8	0.02	2.99	2
8890111	8890112	3.03	11 1-	2 ACSR 6/1	0	0	1299	175	106	13	8	0.01	3.00	0
8890110	8890111	3.06	1 1-	2 ACSR 6/1	0	0	1290	175	11	1	1	0.00	3.00	0
8890109	8890111	3.11	9 1-	2 ACSR 6/1	0	0	1268	175	90	11	6	0.02	3.02	2
8890108	8890109	3.18	9 1-	2 ACSR 6/1	0	0	1239	174	90	11	6	0.02	3.04	1
8890150	8890108	3.26	5 1-	2 ACSR 6/1	0	0	1206	174	36	4	3	0.01	3.05	0
8890102	8890150	3.34	5 1-	2 ACSR 6/1	0	0	1177	173	36	4	3	0.01	3.06	0
8890152	8890102	3.40	4 1-	2 ACSR 6/1	0	0	1156	173	36	4	3	0.01	3.07	0
8890104	8890152	3.49	2 1-	2 ACSR 6/1	0	0	1126	172	17	2	1	0.00	3.07	0
8890105	8890104	3.55	1 1-	2 ACSR 6/1	0	0	1106	172	5	0	0	0.00	3.07	0
8890103	8890152	3.49	1 1-	2 ACSR 6/1	0	0	1125	172	7	0	0	0.00	3.07	0
8890151	8890150	3.32	0 1-	2 ACSR 6/1	0	0	1186	173	0	0	0	0.00	3.05	0
8890106	8890108	3.24	3 1-	2 ACSR 6/1	0	0	1216	174	40	5	3	0.01	3.05	0
8890107	8890106	3.29	1 1-	2 ACSR 6/1	0	0	1198	173	11	1	1	0.00	3.05	0
8890063	8890062	2.99	3 1-	2 ACSR 6/1	0	0	1320	176	16	2	1	0.00	2.96	0
8990036	8890063	3.11	2 1-	2 ACSR 6/1	0	0	1268	175	15	1	1	0.01	2.97	0
8890113	8990036	3.16	1 1-	2 ACSR 6/1	0	0	1246	174	10	1	1	0.00	2.97	0
8990021	8990022	3.07	35 1-	2 ACSR 6/1	0	0	1284	175	191	24	13	0.22	0.81	35
8990057	8990021	3.16	31 1-	2 ACSR 6/1	0	0	1246	174	165	20	12	0.05	0.87	7
14090013	8990057	3.23	30 1-	2 ACSR 6/1	0	0	1218	174	164	20	12	0.04	0.91	5
14090011	14090013	3.36	29 1-	2 ACSR 6/1	0	0	1172	173	164	20	12	0.07	0.98	9
14090012	14090011	3.39	28 1-	2 ACSR 6/1	0	0	1161	173	164	20	11	0.02	0.99	2
14090005	14090012	3.50	6 1-	2 ACSR 6/1	0	0	1123	172	20	2	1	0.01	1.00	0
14090006	14090005	3.55	6 1-	2 ACSR 6/1	0	0	1107	172	20	2	1	0.00	1.00	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8990052	14090006	3.56	1 1-	2 ACSR 6/1	0	0	1102	171	8	0	1	0.00	1.00	0
8990035	14090006	3.64	5 1-	2 ACSR 6/1	0	0	1079	171	13	1	1	0.00	1.01	0
8990032	8990035	3.73	4 1-	2 ACSR 6/1	0	0	1052	170	5	0	0	0.00	1.01	0
8990059	8990032	3.83	4 1-	2 ACSR 6/1	0	0	1022	170	5	0	0	0.00	1.01	0
8990033	8990059	3.93	2 1-	2 ACSR 6/1	0	0	996	169	3	0	0	0.00	1.01	0
8990048	8990033	4.00	2 1-	2 ACSR 6/1	0	0	977	168	3	0	0	0.00	1.01	0
8990034	8990033	3.98	0 1-	2 ACSR 6/1	0	0	983	169	0	0	0	0.00	1.01	0
8990028	14090006	3.62	0 1-	2 ACSR 6/1	0	0	1084	171	0	0	0	0.00	1.00	0
14090003	14090012	3.56	22 1-	2 ACSR 6/1	0	0	1103	171	143	18	10	0.09	1.08	10
14090004	14090003	3.89	1 1-	2 ACSR 6/1	0	0	1007	169	0	0	0	0.00	1.08	0
14090007	14090003	4.10	21 1-	2 ACSR 6/1	0	0	953	168	143	18	10	0.26	1.34	29
15120029	14090007	4.17	19 1-	2 ACSR 6/1	0	0	937	167	129	16	9	0.03	1.37	3
15120030	15120029	4.22	1 1-	2 ACSR 6/1	0	0	924	167	8	1	1	0.00	1.37	0
15120022	15120029	4.42	18 1-	2 ACSR 6/1	0	0	880	166	121	15	9	0.11	1.47	11
15120031	15120022	4.46	5 1-	2 ACSR 6/1	0	0	872	165	45	5	3	0.00	1.48	0
15120032	15120031	4.52	4 1-	2 ACSR 6/1	0	0	860	165	32	4	2	0.01	1.49	0
15120033	15120032	4.58	2 1-	2 ACSR 6/1	0	0	850	165	25	3	2	0.00	1.49	0
15120035	15120033	4.63	0 1-	2 ACSR 6/1	0	0	839	164	0	0	0	0.00	1.49	0
15120034	15120033	4.61	1 1-	2 ACSR 6/1	0	0	844	164	9	1	1	0.00	1.49	0
15120038	15120034	5.01	0 1-	2 ACSR 6/1	0	0	774	162	0	0	0	0.00	1.49	0
15120036	15120034	4.65	1 1-	2 ACSR 6/1	0	0	835	164	9	1	1	0.00	1.49	0
15120059	15120036	4.82	1 1-	2 ACSR 6/1	0	0	805	163	9	1	1	0.00	1.49	0
15120023	15120022	4.53	13 1-	2 ACSR 6/1	0	0	859	165	76	9	5	0.03	1.50	2
15120053	15120023	4.63	1 1-	2 ACSR 6/1	0	0	840	164	5	0	0	0.00	1.50	0
15120052	15120023	4.63	1 1-	2 ACSR 6/1	0	0	839	164	0	0	0	0.00	1.50	0
D15-12-P043	15120052	4.63	1 1-	FUS-25	0	0	839	164	0	0	0	0.00	1.50	0
15120060	D15-12-P043	5.19	1 1-	2 ACSR 6/1	0	0	745	161	0	0	0	0.00	1.50	0
15120041	15120023	4.63	11 1-	2 ACSR 6/1	0	0	839	164	70	8	5	0.02	1.53	1
15120042	15120041	4.69	10 1-	2 ACSR 6/1	0	0	828	164	69	8	5	0.01	1.54	0
15120054	15120042	4.74	5 1-	2 ACSR 6/1	0	0	819	164	31	3	2	0.00	1.55	0
15120056	15120054	4.86	2 1-	2 ACSR 6/1	0	0	798	163	13	1	1	0.00	1.55	0
15120055	15120054	4.80	2 1-	2 ACSR 6/1	0	0	808	163	8	0	1	0.00	1.55	0
15120024	15120042	4.78	5 1-	2 ACSR 6/1	0	0	812	163	38	4	3	0.01	1.55	0
15120028	15120024	4.87	0 1-	2 ACSR 6/1	0	0	796	163	0	0	0	0.00	1.55	0
15120057	15120024	4.86	2 1-	2 ACSR 6/1	0	0	797	163	14	1	1	0.00	1.55	0
15120026	15120024	4.88	2 1-	2 ACSR 6/1	0	0	795	163	15	1	1	0.00	1.56	0
15120027	15120026	4.97	1 1-	2 ACSR 6/1	0	0	779	162	9	1	1	0.00	1.56	0
8990026	8990021	3.13	1 1-	2 ACSR 6/1	0	0	1258	174	6	0	0	0.00	0.81	0
8990025	8990021	3.12	3 1-	2 ACSR 6/1	0	0	1263	175	20	2	1	0.00	0.82	0
8990027	8990025	3.17	2 1-	2 ACSR 6/1	0	0	1243	174	11	1	1	0.00	0.82	0
8990024	8990022	2.80	1 1-	2 ACSR 6/1	0	0	1413	177	4	0	0	0.00	2.21	0
8980026	8980021	2.37	0 1-	2 ACSR 6/1	0	0	1671	180	0	0	0	0.00	2.41	0
8980020	8980025	2.20	0 1-	2 ACSR 6/1	0	0	1797	181	0	0	0	0.00	2.25	0
8980052	8980051	2.13	37 1-	2 ACSR 6/1	0	0	1849	182	277	35	20	0.07	2.27	15
8980054	8980052	2.20	7 1-	2 ACSR 6/1	0	0	1797	181	43	5	3	0.01	2.28	0
8980055	8980054	2.24	6 1-	2 ACSR 6/1	0	0	1767	181	42	5	3	0.00	2.29	0
8980047	8980055	2.30	3 1-	2 ACSR 6/1	0	0	1717	181	20	2	1	0.00	2.29	0
8980053	8980052	2.19	29 1-	2 ACSR 6/1	0	0	1802	181	225	28	16	0.04	2.32	8
8980048	8980053	2.24	28 1-	2 ACSR 6/1	0	0	1762	181	217	27	15	0.04	2.36	7
8980023	8980048	2.34	21 1-	2 ACSR 6/1	0	0	1688	180	157	20	11	0.06	2.41	7
8980024	8980023	2.42	20 1-	2 ACSR 6/1	0	0	1635	180	150	19	11	0.04	2.45	5
8980062	8980024	2.57	19 1-	2 ACSR 6/1	0	0	1538	179	148	18	11	0.08	2.53	9

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14080012	8980062	2.68	8 1-	2 ACSR 6/1	0	0	1476	178	72	9	5	0.03	2.56	2
14080014	14080012	2.72	1 1-	2 ACSR 6/1	0	0	1451	177	12	1	1	0.00	2.56	0
14080013	14080012	2.77	7 1-	2 ACSR 6/1	0	0	1428	177	60	7	4	0.02	2.58	0
14080004	14080013	2.84	7 1-	2 ACSR 6/1	0	0	1393	177	60	7	4	0.01	2.59	0
14080006	14080004	2.94	3 1-	2 ACSR 6/1	0	0	1345	176	25	3	2	0.01	2.60	0
14080011	14080006	2.98	1 1-	2 ACSR 6/1	0	0	1327	176	10	1	1	0.00	2.60	0
14080005	14080004	2.90	4 1-	2 ACSR 6/1	0	0	1363	176	35	4	2	0.01	2.60	0
14080001	14080005	2.95	3 1-	2 ACSR 6/1	0	0	1340	176	23	2	2	0.00	2.60	0
14080015	14080001	3.00	2 1-	2 ACSR 6/1	0	0	1316	175	13	1	1	0.00	2.60	0
14080016	14080015	3.05	1 1-	2 ACSR 6/1	0	0	1294	175	2	0	0	0.00	2.60	0
14080003	14080013	2.81	0 1-	2 ACSR 6/1	0	0	1406	177	0	0	0	0.00	2.58	0
14080002	8980062	2.62	8 1-	2 ACSR 6/1	0	0	1509	178	72	9	5	0.01	2.54	0
8980063	14080002	2.67	5 1-	2 ACSR 6/1	0	0	1478	178	55	6	4	0.01	2.55	0
8980064	8980063	2.70	5 1-	2 ACSR 6/1	0	0	1462	178	55	6	4	0.00	2.56	0
8980032	8980064	2.78	0 1-	2 ACSR 6/1	0	0	1423	177	0	0	0	0.00	2.56	0
8980022	8980032	2.82	0 1-	2 ACSR 6/1	0	0	1400	177	0	0	0	0.00	2.56	0
8980044	8980064	2.78	4 1-	2 ACSR 6/1	0	0	1419	177	41	5	3	0.01	2.57	0
8980027	8980044	2.82	1 1-	2 ACSR 6/1	0	0	1400	177	13	1	1	0.00	2.57	0
8980030	8980044	2.88	3 1-	2 ACSR 6/1	0	0	1371	176	28	3	2	0.01	2.58	0
8980031	8980030	2.94	2 1-	2 ACSR 6/1	0	0	1343	176	16	2	1	0.00	2.58	0
8980061	8980024	2.48	1 1-	2 ACSR 6/1	0	0	1596	179	2	0	0	0.00	2.45	0
8980060	8980023	2.38	1 1-	2 ACSR 6/1	0	0	1661	180	7	0	0	0.00	2.41	0
8980057	8980048	2.29	7 1-	2 ACSR 6/1	0	0	1726	181	60	7	4	0.01	2.37	0
8980059	8980057	2.32	3 1-	2 ACSR 6/1	0	0	1701	180	27	3	2	0.00	2.37	0
8980058	8980057	2.34	3 1-	2 ACSR 6/1	0	0	1692	180	26	3	2	0.00	2.37	0
8980056	8980058	2.37	2 1-	2 ACSR 6/1	0	0	1666	180	21	2	2	0.00	2.37	0
8880133	8880123	1.86	2 1-	2 ACSR 6/1	0	0	2102	184	8	0	1	0.00	1.97	0
8880080	8880056	1.74	174 3-	3/0 ACSR 6/1	2739	2558	2249	185	1463	62	21	0.05	1.31	42
8880081	8880080	1.79	173 3-	3/0 ACSR 6/1	2696	2515	2205	185	1451	61	21	0.05	1.34	45
8880190	8880081	1.83	169 3-	3/0 ACSR 6/1	2656	2476	2165	185	1409	60	20	0.05	1.37	40
8880191	8880190	1.89	168 3-	3/0 ACSR 6/1	2610	2431	2119	185	1399	59	20	0.06	1.40	48
8880101	8880191	1.96	163 3-	3/0 ACSR 6/1	2554	2375	2063	184	1387	59	20	0.07	1.45	59
8880104	8880101	2.10	163 3-	3/0 ACSR 6/1	2450	2273	1961	184	1386	59	20	0.14	1.53	117
8880082	8880104	2.15	162 3-	3/0 ACSR 6/1	2411	2235	1923	184	1384	59	20	0.06	1.57	46
8880086	8880082	2.20	31 1-	2 ACSR 6/1	0	0	1878	183	236	30	17	0.04	2.33	8
8880171	8880086	2.21	30 1-	2 ACSR 6/1	0	0	1869	183	232	29	16	0.01	2.34	2
8880173	8880171	2.26	1 1-	2 ACSR 6/1	0	0	1835	183	8	1	1	0.00	2.34	0
8880172	8880171	2.27	29 1-	2 ACSR 6/1	0	0	1824	183	224	28	16	0.04	2.38	8
8880131	8880172	2.33	24 1-	2 ACSR 6/1	0	0	1781	182	177	22	13	0.03	2.41	5
8880132	8880131	2.36	23 1-	2 ACSR 6/1	0	0	1756	182	172	21	12	0.02	2.43	3
8880112	8880132	2.38	21 1-	2 ACSR 6/1	0	0	1739	182	158	20	11	0.01	2.45	2
8880166	8880112	2.42	20 1-	2 ACSR 6/1	0	0	1713	181	150	19	11	0.02	2.46	2
8890139	8880166	2.46	18 1-	2 ACSR 6/1	0	0	1685	181	127	16	9	0.02	2.48	2
8890119	8890139	2.49	17 1-	2 ACSR 6/1	0	0	1661	181	120	15	9	0.01	2.50	1
8890061	8890119	2.61	15 1-	2 ACSR 6/1	0	0	1584	180	101	12	7	0.04	2.54	4
8890118	8890061	2.65	2 1-	2 ACSR 6/1	0	0	1559	180	10	1	1	0.00	2.54	0
8890148	8890118	2.69	1 1-	2 ACSR 6/1	0	0	1539	179	5	0	0	0.00	2.54	0
8890124	8890061	2.68	13 1-	2 ACSR 6/1	0	0	1541	179	91	11	6	0.02	2.56	1
8890125	8890124	2.76	9 1-	2 ACSR 6/1	0	0	1494	179	64	8	5	0.02	2.57	0
8890126	8890125	2.79	7 1-	2 ACSR 6/1	0	0	1478	179	53	6	4	0.01	2.58	0
8890078	8890126	2.83	6 1-	2 ACSR 6/1	0	0	1458	178	47	6	3	0.01	2.59	0
8890128	8890078	2.89	2 1-	2 ACSR 6/1	0	0	1426	178	14	1	1	0.00	2.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8890127	8890078	2.88	2 1-	2 ACSR 6/1	0	0	1433	178	19	2	1	0.00	2.59	0
8890077	8890126	2.89	1 1-	2 ACSR 6/1	0	0	1429	178	6	0	0	0.00	2.58	0
8890123	8890119	2.54	1 1-	2 ACSR 6/1	0	0	1628	181	11	1	1	0.00	2.50	0
8880110	8880132	2.37	1 1-	2 ACSR 6/1	0	0	1746	182	6	0	0	0.00	2.43	0
8880129	8880172	2.30	5 1-	2 ACSR 6/1	0	0	1802	182	47	5	3	0.00	2.38	0
8880130	8880129	2.33	1 1-	2 ACSR 6/1	0	0	1779	182	14	1	1	0.00	2.38	0
8880084	8880082	2.31	2 1-	2 ACSR 6/1	0	0	1796	182	5	0	0	0.00	2.36	0
8880085	8880084	2.35	1 1-	2 ACSR 6/1	0	0	1763	182	3	0	0	0.00	2.36	0
8880083	8880082	2.22	127 3-	3/0 ACSR 6/1	2362	2186	1876	183	1126	48	16	0.09	1.60	51
8880102	8880083	2.28	2 1-	2 ACSR 6/1	0	0	1832	183	20	2	1	0.00	2.32	0
8880058	8880083	2.33	123 3-	3/0 ACSR 6/1	2288	2114	1805	183	1093	46	16	0.14	1.66	81
8890120	8880058	2.37	5 1-	2 ACSR 6/1	0	0	1781	183	26	3	2	0.00	2.38	0
8890074	8880058	2.38	118 3-	3/0 ACSR 6/1	2261	2088	1780	183	1066	45	15	0.06	1.68	31
8890075	8890074	2.43	117 3-	3/0 ACSR 6/1	2226	2053	1747	182	1050	45	15	0.07	1.71	40
8890073	8890075	2.45	38 1-	2 ACSR 6/1	0	0	1733	182	267	34	19	0.02	2.74	4
D08-89-P006	8890073	2.45	38 1-	REC-50-L	0	0	1733	182	267	34	69	0.00	2.74	0
8890060	D08-89-P006	2.51	38 1-	2 ACSR 6/1	0	0	1692	182	267	34	19	0.06	2.79	12
8890067	8890060	2.62	31 1-	2 ACSR 6/1	0	0	1623	181	231	29	16	0.08	2.88	15
8880107	8890067	2.85	20 1-	2 ACSR 6/1	0	0	1483	179	145	18	10	0.12	3.00	15
8780036	8880107	2.91	13 1-	2 ACSR 6/1	0	0	1455	179	86	11	6	0.02	3.01	1
8780035	8780036	2.98	10 1-	2 ACSR 6/1	0	0	1416	178	70	8	5	0.02	3.03	0
8780046	8780035	3.12	9 1-	2 ACSR 6/1	0	0	1351	177	68	8	5	0.03	3.06	2
8780047	8780046	3.33	4 1-	2 ACSR 6/1	0	0	1260	176	22	2	2	0.02	3.08	0
8780049	8780047	3.39	2 1-	2 ACSR 6/1	0	0	1235	175	9	1	1	0.00	3.08	0
8780048	8780047	3.38	2 1-	2 ACSR 6/1	0	0	1241	175	13	1	1	0.00	3.08	0
8780040	8780046	3.32	5 1-	2 ACSR 6/1	0	0	1263	176	46	5	3	0.03	3.09	0
8780041	8780040	3.42	4 1-	2 ACSR 6/1	0	0	1226	175	35	4	3	0.01	3.10	0
8780042	8780041	3.50	3 1-	2 ACSR 6/1	0	0	1194	174	24	3	2	0.01	3.11	0
8780023	8780042	3.61	2 1-	2 ACSR 6/1	0	0	1154	174	18	2	1	0.01	3.12	0
8780038	8780023	3.66	1 1-	2 ACSR 6/1	0	0	1137	173	9	1	1	0.00	3.12	0
8780043	8780023	3.63	1 1-	2 ACSR 6/1	0	0	1148	174	9	1	1	0.00	3.12	0
8780024	8780043	3.74	1 1-	2 ACSR 6/1	0	0	1112	173	9	1	1	0.00	3.12	0
8780044	8780043	3.68	0 1-	2 ACSR 6/1	0	0	1130	173	0	0	0	0.00	3.12	0
8780039	8780036	2.96	2 1-	2 ACSR 6/1	0	0	1428	178	12	1	1	0.00	3.02	0
8780026	8880107	2.90	7 1-	2 ACSR 6/1	0	0	1457	179	59	7	4	0.01	3.01	0
8780034	8780026	2.94	5 1-	2 ACSR 6/1	0	0	1440	179	45	5	3	0.01	3.01	0
8780033	8780034	3.00	2 1-	2 ACSR 6/1	0	0	1408	178	20	2	1	0.00	3.02	0
8780032	8780033	3.14	1 1-	2 ACSR 6/1	0	0	1342	177	11	1	1	0.00	3.02	0
8780072	8780034	3.02	2 1-	2 ACSR 6/1	0	0	1399	178	24	3	2	0.01	3.02	0
8780073	8780072	3.07	1 1-	2 ACSR 6/1	0	0	1376	178	18	2	1	0.00	3.02	0
8780070	8780073	3.15	0 1-	2 ACSR 6/1	0	0	1337	177	0	0	0	0.00	3.02	0
8780069	8780073	3.10	1 1-	2 ACSR 6/1	0	0	1361	177	18	2	1	0.00	3.02	0
8780074	8780069	3.11	0 1-	2 ACSR 6/1	0	0	1355	177	0	0	0	0.00	3.02	0
8780075	8780074	3.22	0 1-	15 KV 2 URD XLP	0	0	1306	408	0	0	0	0.00	3.02	0
8780076	8780075	3.28	0 1-	15 KV 2 URD XLP	0	0	1283	405	0	0	0	0.00	3.02	0
8880106	8890067	2.68	9 1-	2 ACSR 6/1	0	0	1584	181	73	9	5	0.02	2.89	0
8780025	8880106	2.71	7 1-	2 ACSR 6/1	0	0	1567	180	54	6	4	0.01	2.90	0
8780059	8780025	2.74	6 1-	2 ACSR 6/1	0	0	1548	180	49	6	4	0.00	2.90	0
8790182	8780059	2.78	4 1-	2 ACSR 6/1	0	0	1527	180	34	4	2	0.00	2.91	0
8790185	8790182	2.81	3 1-	2 ACSR 6/1	0	0	1508	180	26	3	2	0.00	2.91	0
8790186	8790185	2.84	1 1-	2 ACSR 6/1	0	0	1491	179	7	0	1	0.00	2.91	0
8780045	8880106	2.69	1 1-	2 ACSR 6/1	0	0	1575	180	9	1	1	0.00	2.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8890070	8890060	2.58	7 1-	2 ACSR 6/1	0	0	1650	181	36	4	3	0.01	2.80	0
8880194	8890070	2.59	0 1-	2 ACSR 6/1	0	0	1642	181	0	0	0	0.00	2.80	0
8880111	8890070	2.65	7 1-	2 ACSR 6/1	0	0	1603	181	36	4	3	0.01	2.81	0
8880193	8880111	2.67	1 1-	2 ACSR 6/1	0	0	1587	181	6	0	0	0.00	2.81	0
8880103	8880111	2.70	5 1-	2 ACSR 6/1	0	0	1570	180	30	3	2	0.00	2.81	0
8890072	8890075	2.47	78 3-	3/0 ACSR 6/1	2204	2032	1726	182	774	33	11	0.03	1.72	11
8890071	8890072	2.58	77 3-	3/0 ACSR 6/1	2144	1974	1671	182	772	33	11	0.08	1.76	32
8890141	8890071	2.63	71 3-	3/0 ACSR 6/1	2114	1945	1644	182	759	32	11	0.04	1.78	15
8890140	8890141	2.64	70 3-	3/0 ACSR 6/1	2107	1938	1637	182	752	32	11	0.01	1.78	4
8890145	8890140	2.73	6 1-	2 ACSR 6/1	0	0	1584	181	50	6	4	0.01	2.52	0
8890143	8890145	2.76	3 1-	2 ACSR 6/1	0	0	1565	181	22	2	2	0.00	2.52	0
8890144	8890143	2.83	1 1-	2 ACSR 6/1	0	0	1525	180	8	1	1	0.00	2.52	0
8890146	8890145	2.82	2 1-	2 ACSR 6/1	0	0	1530	180	19	2	1	0.01	2.52	0
8890147	8890146	2.86	1 1-	2 ACSR 6/1	0	0	1507	180	12	1	1	0.00	2.52	0
8890149	8890147	2.88	1 1-	2 ACSR 6/1	0	0	1495	180	12	1	1	0.00	2.53	0
8890142	8890140	2.66	64 3-	3/0 ACSR 6/1	2097	1929	1628	182	702	30	10	0.02	1.79	5
8890121	8890142	2.69	2 1-	2 ACSR 6/1	0	0	1608	181	9	1	1	0.00	-0.04	0
8890129	8890142	2.71	3 1-	2 ACSR 6/1	0	0	1595	181	20	2	1	0.00	-0.04	0
8790192	8890129	2.82	2 1-	2 ACSR 6/1	0	0	1533	180	7	0	0	0.00	-0.04	0
8790187	8790192	2.85	1 1-	2 ACSR 6/1	0	0	1515	180	3	0	0	0.00	-0.04	0
8890064	8890142	2.70	59 3-	3/0 ACSR 6/1	2074	1906	1607	181	673	29	10	0.04	1.80	12
8790045	8890064	2.73	7 1-	2 ACSR 6/1	0	0	1593	181	34	4	2	0.00	2.94	0
8790046	8790045	2.78	6 1-	2 ACSR 6/1	0	0	1562	181	23	2	2	0.00	2.94	0
8790197	8790046	2.89	5 1-	2 ACSR 6/1	0	0	1500	180	17	2	1	0.01	2.95	0
8790199	8790197	2.95	3 1-	2 ACSR 6/1	0	0	1467	180	16	2	1	0.00	2.96	0
8790200	8790199	2.99	2 1-	2 ACSR 6/1	0	0	1446	179	15	1	1	0.00	2.96	0
8790198	8790197	3.00	2 1-	2 ACSR 6/1	0	0	1442	179	1	0	0	0.00	2.95	0
8790032	8890064	2.76	52 3-	3/0 ACSR 6/1	2042	1876	1578	181	639	27	9	0.05	1.82	14
8790033	8790032	2.93	51 3-	3/0 ACSR 6/1	1961	1797	1505	181	637	27	9	0.12	1.87	39
8790030	8790033	3.31	50 3-	3/0 ACSR 6/1	1797	1641	1361	179	603	26	9	0.28	1.99	87
D08-79-P065	8790030	3.31	37 1-	REC-50-L	0	0	1361	179	269	34	69	0.00	3.39	0
8790038	D08-79-P065	3.36	37 1-	2 ACSR 6/1	0	0	1341	179	269	34	19	0.04	3.43	9
8790023	8790038	3.57	36 1-	2 ACSR 6/1	0	0	1251	177	249	32	18	0.19	3.62	39
8790024	8790023	3.59	32 1-	2 ACSR 6/1	0	0	1244	177	223	28	16	0.02	3.63	3
8790209	8790024	3.61	31 1-	2 ACSR 6/1	0	0	1235	177	216	27	15	0.02	3.65	3
8790025	8790209	3.64	4 1-	2 ACSR 6/1	0	0	1225	177	25	3	2	0.00	3.65	0
8790044	8790025	3.67	3 1-	2 ACSR 6/1	0	0	1213	176	17	2	1	0.00	3.65	0
8790043	8790209	3.69	26 1-	2 ACSR 6/1	0	0	1207	176	187	24	13	0.05	3.70	7
8890082	8790043	3.71	24 1-	2 ACSR 6/1	0	0	1201	176	167	21	12	0.01	3.71	1
8890068	8890082	3.77	23 1-	2 ACSR 6/1	0	0	1180	176	155	20	11	0.03	3.74	4
8890088	8890068	3.82	4 1-	2 ACSR 6/1	0	0	1162	175	25	3	2	0.00	3.74	0
8890153	8890088	3.86	1 1-	2 ACSR 6/1	0	0	1149	175	9	1	1	0.00	3.74	0
8890069	8890068	3.88	17 1-	2 ACSR 6/1	0	0	1142	175	121	15	9	0.05	3.79	5
8890094	8890069	3.95	8 1-	2 ACSR 6/1	0	0	1120	174	49	6	4	0.01	3.80	0
8890095	8890094	4.11	7 1-	2 ACSR 6/1	0	0	1070	173	40	5	3	0.02	3.82	0
8890096	8890095	4.16	7 1-	2 ACSR 6/1	0	0	1057	173	40	5	3	0.01	3.83	0
8890098	8890096	4.21	6 1-	2 ACSR 6/1	0	0	1043	173	28	3	2	0.00	3.83	0
8890100	8890098	4.37	2 1-	2 ACSR 6/1	0	0	999	171	10	1	1	0.00	3.84	0
8890099	8890098	4.25	3 1-	2 ACSR 6/1	0	0	1030	172	11	1	1	0.00	3.83	0
8890097	8890096	4.25	1 1-	2 ACSR 6/1	0	0	1032	172	12	1	1	0.00	3.83	0
8890089	8890069	3.91	3 1-	2 ACSR 6/1	0	0	1132	175	29	3	2	0.00	3.79	0
8890122	8890089	4.06	1 1-	2 ACSR 6/1	0	0	1086	174	13	1	1	0.00	3.79	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8890090	8890069	4.10	6 1-	2 ACSR 6/1	0	0	1073	173	43	5	3	0.03	3.82	1
8890091	8890090	4.19	5 1-	2 ACSR 6/1	0	0	1047	173	39	4	3	0.01	3.83	0
8890065	8890091	4.25	3 1-	2 ACSR 6/1	0	0	1031	172	22	2	2	0.00	3.84	0
8890093	8890065	4.45	3 1- 15 KV	2 URD XLP	0	0	980	374	22	2	2	0.01	3.85	0
8890155	8890093	4.56	1 1- 15 KV	2 URD XLP	0	0	953	369	0	0	0	0.00	3.85	0
8890092	8890091	4.21	1 1-	2 ACSR 6/1	0	0	1043	172	15	1	1	0.00	3.83	0
8790190	8790023	3.60	4 1-	2 ACSR 6/1	0	0	1240	177	25	3	2	0.00	3.62	0
8790034	8790030	3.37	7 3-	3/0 ACSR 6/1	1773	1618	1340	179	280	12	4	0.01	2.00	2
8790188	8790034	3.40	5 3-	3/0 ACSR 6/1	1760	1606	1330	179	269	12	4	0.01	2.00	0
8790189	8790188	3.43	4 3-	3/0 ACSR 6/1	1748	1594	1319	179	265	12	4	0.01	2.01	0
8790041	8790189	3.46	1 3-	3/0 ACSR 6/1	1738	1585	1311	179	3	0	0	0.00	2.01	0
8790040	8790041	3.62	0 3-	3/0 ACSR 6/1	1679	1529	1260	178	0	0	0	0.00	2.01	0
08-79-P052-A	8790040	3.62	0 3-	Open	1679	1529	1260	178	0	0	0	0.00	2.01	0
8790037	8790041	3.61	1 1-	2 ACSR 6/1	0	0	1252	177	3	0	0	0.00	2.73	0
8790035	8790189	3.50	3 3-	3/0 ACSR 6/1	1726	1573	1300	178	262	12	4	0.01	2.01	0
8790036	8790035	3.52	1 1-	2 ACSR 6/1	0	0	1291	178	10	1	1	0.00	3.41	0
8790031	8790030	3.34	6 1-	2 ACSR 6/1	0	0	1345	179	53	6	4	0.01	3.39	0
8790194	8790031	3.46	4 1-	2 ACSR 6/1	0	0	1296	178	42	5	3	0.01	3.40	0
8790195	8790194	3.51	2 1-	2 ACSR 6/1	0	0	1277	178	20	2	1	0.00	3.41	0
8790196	8790195	3.56	0 1-	2 ACSR 6/1	0	0	1256	177	0	0	0	0.00	3.41	0
8790039	8890064	2.78	0 1-	2 ACSR 6/1	0	0	1561	181	0	0	0	0.00	2.52	0
8890076	8890071	2.59	6 1-	2 ACSR 6/1	0	0	1659	182	13	1	1	0.00	2.84	0
8880087	8880083	2.29	1 1-	2 ACSR 6/1	0	0	1819	183	1	0	0	0.00	0.04	0
8880170	8880191	1.91	1 1-	2 ACSR 6/1	0	0	2092	184	1	0	0	0.00	2.03	0
8880105	8880191	1.93	3 1-	2 ACSR 6/1	0	0	2081	184	6	0	0	0.00	2.10	0
8880195	8880081	1.88	2 1-	2 ACSR 6/1	0	0	2111	184	25	3	2	0.01	2.00	0
8880196	8880195	1.96	1 1-	2 ACSR 6/1	0	0	2029	184	13	1	1	0.00	2.00	0
NEW LP3	8880198	1.56	1 3-	Consumer	0	0	0	0	316	14	0	0.00	1.15	0
8880126	8880124	1.50	15 1-	2 ACSR 6/1	0	0	2471	186	126	16	9	0.02	1.54	2
8880167	8880126	1.56	13 1-	2 ACSR 6/1	0	0	2401	185	96	12	7	0.02	1.56	1
8880169	8880167	1.59	5 1- 15 KV	2 URD XLP	0	0	2356	465	53	6	4	0.01	1.57	0
8880174	8880169	1.68	4 1- 15 KV	2 URD XLP	0	0	2257	459	38	4	3	0.01	1.58	0
8880185	8880174	1.70	2 1- 15 KV	2 URD XLP	0	0	2240	458	19	2	1	0.00	1.58	0
8880168	8880167	1.58	8 1-	2 ACSR 6/1	0	0	2372	185	43	5	3	0.00	1.56	0
8880127	8880168	1.64	7 1-	2 ACSR 6/1	0	0	2288	185	39	5	3	0.01	1.57	0
8880186	8880127	1.68	6 1-	2 ACSR 6/1	0	0	2250	184	36	4	3	0.00	1.58	0
8880187	8880186	1.77	5 1-	2 ACSR 6/1	0	0	2141	184	30	3	2	0.01	1.58	0
8880128	8880187	1.91	3 1-	2 ACSR 6/1	0	0	2000	183	16	2	1	0.00	1.59	0
8880188	8880128	1.96	1 1- 15 KV	2 URD XLP	0	0	1956	446	4	0	0	0.00	1.59	0
8980040	8980029	0.86	2 1-	2 ACSR 6/1	0	0	3278	188	15	1	1	0.00	0.87	0
8980039	8980040	0.89	1 1-	2 ACSR 6/1	0	0	3207	187	3	0	0	0.00	0.87	0
8980028	8970015	0.82	3 1-	2 ACSR 6/1	0	0	3318	188	17	2	1	0.00	0.82	0
14070073	14070064	0.27	4 1-	2 ACSR 6/1	0	0	4459	189	41	5	3	0.01	0.22	0
14070074	14070073	0.31	3 1-	2 ACSR 6/1	0	0	4303	189	32	4	2	0.00	0.23	0
14070072	14070074	0.37	2 1-	2 ACSR 6/1	0	0	4075	188	21	2	1	0.00	0.23	0
14070099	14070027	0.06	0 3-	3/0 ACSR 6/1	4870	4891	5209	190	0	0	0	0.00	0.04	0
14-07-P010-A	14070099	0.06	0 3-	Open	4870	4891	5209	190	0	0	0	0.00	0.04	0

CKT 1 total losses: \$6,732

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 26, CKT 2														
BK2602	CMBRRLDFALLS(26)	0.00	603 3-	BK2602	4996	5043	5443	190	5045	210	100	0.00	0.00	0
14070100	BK2602	0.03	603 3-	4/0 ACSR 6/1	4929	4966	5319	190	5045	210	62	0.03	0.04	172
14070102	14070100	0.04	0 3-	4/0 ACSR 6/1	4902	4935	5269	190	0	0	0	0.00	0.04	0
14-07-P010-B	14070102	0.04	0 3-	Open	4902	4935	5269	190	0	0	0	0.00	0.04	0
14070101	14070100	0.05	603 3-	4/0 ACSR 6/1	4865	4892	5202	190	5044	210	62	0.03	0.08	168
14070056	14070101	0.12	68 3-	1/0 ACSR 6/1	4661	4668	4869	189	491	20	9	-0.01	0.10	14
14070057	14070056	0.19	65 3-	1/0 ACSR 6/1	4479	4464	4583	189	469	19	9	-0.01	0.12	13
14070058	14070057	0.24	63 3-	1/0 ACSR 6/1	4346	4315	4383	188	455	19	8	-0.01	0.14	10
14070066	14070058	0.31	62 3-	1/0 ACSR 6/1	4193	4142	4159	188	449	18	8	-0.01	0.16	12
14070067	14070066	0.39	61 3-	1/0 ACSR 6/1	3996	3921	3882	188	441	18	8	-0.01	0.18	16
14070068	14070067	0.46	3 1-	2 ACSR 6/1	0	0	3664	187	20	2	1	0.00	0.22	0
14070071	14070068	0.58	2 1-	2 ACSR 6/1	0	0	3316	186	9	1	1	0.00	0.23	0
14070038	14070067	0.49	58 3-	1/0 ACSR 6/1	3803	3705	3622	187	421	17	8	-0.02	0.21	17
14070060	14070038	0.53	1 1-	2 ACSR 6/1	0	0	3504	187	7	0	0	0.00	0.24	0
14070039	14070038	0.66	57 3-	1/0 ACSR 6/1	3491	3362	3224	186	414	17	8	-0.03	0.25	31
14070036	14070039	0.73	3 1-	2 ACSR 6/1	0	0	3063	186	22	2	2	0.00	0.28	0
14070037	14070036	0.77	1 1-	2 ACSR 6/1	0	0	2975	185	9	1	1	0.00	0.28	0
14070041	14070039	0.70	54 3-	1/0 ACSR 6/1	3425	3291	3143	186	392	16	7	-0.01	0.26	7
8970035	14070041	0.75	1 1-	2 ACSR 6/1	0	0	3027	186	13	1	1	0.00	0.29	0
8970022	14070041	0.84	52 3-	1/0 ACSR 6/1	3200	3050	2876	185	370	15	7	-0.03	0.29	27
D08-97-P002	8970022	0.84	2 1-	FUS	0	0	2876	185	8	0	22	0.00	0.31	0
8970020	D08-97-P002	1.26	2 1-	2 ACSR 6/1	0	0	2210	182	8	0	1	0.01	0.32	0
8970021	8970020	1.47	2 1-	2 ACSR 6/1	0	0	1979	181	8	0	1	0.01	0.32	0
8870191	8970021	1.55	1 1-	2 ACSR 6/1	0	0	1897	180	7	0	1	0.00	0.32	0
8870120	8970021	1.58	1 1-	2 ACSR 6/1	0	0	1873	180	1	0	0	0.00	0.32	0
8860056	8870120	1.68	0 1-	2 ACSR 6/1	0	0	1783	179	0	0	0	0.00	0.32	0
8860057	8860056	1.73	0 1-	2 ACSR 6/1	0	0	1738	179	0	0	0	0.00	0.32	0
8860027	8870120	1.64	1 1-	2 ACSR 6/1	0	0	1819	179	1	0	0	0.00	0.32	0
8970026	8970022	0.94	49 3-	1/0 ACSR 6/1	3063	2904	2719	185	357	14	7	-0.02	0.32	18
8970039	8970026	1.00	43 1-	2 ACSR 6/1	0	0	2616	184	319	40	22	0.06	0.78	17
8960039	8970039	1.04	42 1-	2 ACSR 6/1	0	0	2543	184	310	39	22	0.05	0.83	12
8960026	8960039	1.08	42 1-	2 ACSR 6/1	0	0	2484	184	310	39	22	0.04	0.87	10
8960020	8960026	1.11	41 1-	2 ACSR 6/1	0	0	2442	184	301	37	21	0.03	0.90	7
8960021	8960020	1.15	40 1-	2 ACSR 6/1	0	0	2382	183	293	36	21	0.04	0.94	10
8960023	8960021	1.17	37 1-	2 ACSR 6/1	0	0	2344	183	276	34	19	0.03	0.97	6
8960024	8960023	1.22	36 1-	2 ACSR 6/1	0	0	2288	183	266	33	19	0.04	1.01	8
8960027	8960024	1.25	35 1-	2 ACSR 6/1	0	0	2244	182	258	32	18	0.03	1.04	6
8960029	8960027	1.32	30 1-	2 ACSR 6/1	0	0	2163	182	216	27	15	0.05	1.08	8
8960031	8960029	1.39	26 1-	2 ACSR 6/1	0	0	2081	181	203	25	14	0.05	1.13	8
8960040	8960031	1.46	21 1-	2 ACSR 6/1	0	0	1998	181	167	21	12	0.05	1.18	6
8960041	8960040	1.60	1 1-	2 ACSR 6/1	0	0	1870	180	0	0	0	0.00	1.18	0
8960042	8960040	1.78	20 1-	2 ACSR 6/1	0	0	1720	178	166	21	12	0.17	1.35	23
8860051	8960042	1.83	19 1-	2 ACSR 6/1	0	0	1676	178	152	19	11	0.03	1.38	4
8860052	8860051	1.88	18 1-	2 ACSR 6/1	0	0	1640	178	142	18	10	0.02	1.40	3
8860049	8860052	1.91	3 1-	2 ACSR 6/1	0	0	1620	177	26	3	2	0.00	1.41	0
8860050	8860049	2.01	2 1-	2 ACSR 6/1	0	0	1555	177	17	2	1	0.00	1.41	0
8860044	8860052	1.94	10 1-	2 ACSR 6/1	0	0	1601	177	79	9	6	0.01	1.42	0
8860045	8860044	2.00	8 1-	2 ACSR 6/1	0	0	1564	177	71	8	5	0.01	1.43	0
8860046	8860045	2.03	8 1-	2 ACSR 6/1	0	0	1543	177	71	8	5	0.01	1.44	0
8860048	8860046	2.13	7 1-	2 ACSR 6/1	0	0	1484	176	62	7	4	0.02	1.46	0
8860054	8860048	2.20	6 1-	2 ACSR 6/1	0	0	1441	175	54	6	4	0.01	1.47	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8860055	8860054	2.28	5 1-	2 ACSR 6/1	0	0	1399	175	44	5	3	0.01	1.48	0
D08-86-P030	8860055	2.28	2 1-	FUS	0	0	1399	175	14	1	41	0.00	1.48	0
8860065	D08-86-P030	2.31	2 1-	2 ACSR 6/1	0	0	1386	175	14	1	1	0.00	1.49	0
8860059	8860065	2.59	1 1-	2 ACSR 6/1	0	0	1255	173	4	0	0	0.00	1.49	0
8860053	8860055	2.32	2 1-	2 ACSR 6/1	0	0	1378	175	24	3	2	0.00	1.49	0
8860060	8860053	2.43	1 1-	2 ACSR 6/1	0	0	1325	174	12	1	1	0.00	1.49	0
8860061	8860060	2.55	1 1-	2 ACSR 6/1	0	0	1273	173	12	1	1	0.00	1.49	0
8860047	8860046	2.08	1 1-	2 ACSR 6/1	0	0	1513	176	9	1	1	0.00	1.44	0
8860028	8860052	1.96	2 1-	2 ACSR 6/1	0	0	1587	177	14	1	1	0.00	1.41	0
8860029	8860028	2.11	0 1-	2 ACSR 6/1	0	0	1497	176	0	0	0	0.00	1.41	0
8860041	8860029	2.17	0 1-	2 ACSR 6/1	0	0	1461	176	0	0	0	0.00	1.41	0
8860025	8860052	2.25	3 1-	2 ACSR 6/1	0	0	1417	175	24	3	2	0.03	1.43	0
8860058	8860025	2.66	1 1-	2 ACSR 6/1	0	0	1225	172	5	0	0	0.00	1.44	0
8860042	8860025	2.45	2 1-	2 ACSR 6/1	0	0	1317	174	19	2	1	0.01	1.44	0
8860043	8860042	2.54	1 1-	2 ACSR 6/1	0	0	1278	173	10	1	1	0.00	1.45	0
8960034	8960031	1.45	1 1-	2 ACSR 6/1	0	0	2017	181	0	0	0	0.00	1.13	0
8960032	8960031	1.42	2 1-	2 ACSR 6/1	0	0	2044	181	21	2	2	0.00	1.13	0
8960033	8960032	1.45	1 1-	2 ACSR 6/1	0	0	2009	181	12	1	1	0.00	1.14	0
8960017	8960032	1.53	1 1-	2 ACSR 6/1	0	0	1936	180	10	1	1	0.00	1.14	0
8960030	8960029	1.35	1 1-	2 ACSR 6/1	0	0	2118	182	3	0	0	0.00	1.08	0
8960028	8960027	1.37	3 1-	2 ACSR 6/1	0	0	2100	182	22	2	2	0.01	1.04	0
8960035	8960028	1.46	1 1-	2 ACSR 6/1	0	0	1998	181	13	1	1	0.00	1.05	0
8960022	8960021	1.22	1 1-	2 ACSR 6/1	0	0	2288	183	6	0	0	0.00	0.94	0
8960019	8960026	1.13	1 1-	2 ACSR 6/1	0	0	2407	183	10	1	1	0.00	0.87	0
8970018	8970026	0.97	6 1-	2 ACSR 6/1	0	0	2654	185	38	4	3	0.00	-0.09	0
8970031	8970018	1.07	4 1-	2 ACSR 6/1	0	0	2499	184	23	2	2	0.01	-0.08	0
8960025	8970031	1.09	3 1-	2 ACSR 6/1	0	0	2467	184	16	2	1	0.00	-0.08	0
8970030	8970018	1.02	2 1-	2 ACSR 6/1	0	0	2575	184	14	1	1	0.00	-0.09	0
8960018	8970030	1.09	1 1-	2 ACSR 6/1	0	0	2469	184	10	1	1	0.00	-0.08	0
14070065	14070058	0.29	1 1-	2 ACSR 6/1	0	0	4191	188	5	0	0	0.00	0.18	0
14070032	14070101	0.13	535 3-	4/0 ACSR 6/1	4680	4680	4878	189	4551	190	56	0.09	0.19	417
14070033	14070032	0.21	535 3-	4/0 ACSR 6/1	4490	4462	4561	189	4547	190	56	0.10	0.32	461
14070084	14070033	0.34	10 1-	2 ACSR 6/1	0	0	4059	188	64	8	4	0.03	0.23	1
14170012	14070084	0.37	4 1-	2 ACSR 6/1	0	0	3941	188	28	3	2	0.00	0.23	0
14170027	14170012	0.41	3 1-	2 ACSR 6/1	0	0	3813	187	18	2	1	0.00	0.23	0
14170028	14170027	0.46	0 1-	2 ACSR 6/1	0	0	3656	187	0	0	0	0.00	0.23	0
14170034	14170027	0.46	2 1-	2 ACSR 6/1	0	0	3659	187	15	1	1	0.00	0.23	0
14170046	14170034	0.52	1 1-	2 ACSR 6/1	0	0	3479	187	13	1	1	0.00	0.23	0
14170021	14070084	0.39	5 1-	2 ACSR 6/1	0	0	3875	188	33	4	2	0.01	0.23	0
14170020	14170021	0.44	4 1-	2 ACSR 6/1	0	0	3731	187	26	3	2	0.00	0.24	0
14070055	14170020	0.49	2 1-	2 ACSR 6/1	0	0	3569	187	10	1	1	0.00	0.24	0
14070035	14170020	0.46	2 1-	2 ACSR 6/1	0	0	3637	187	17	2	1	0.00	0.24	0
14070054	14070035	0.50	1 1-	2 ACSR 6/1	0	0	3526	187	6	0	0	0.00	0.24	0
14070085	14070033	0.43	523 3-	4/0 ACSR 6/1	4071	3987	3913	188	4476	187	55	0.27	0.62	1128
14170035	14070085	0.49	1 1-	2 ACSR 6/1	0	0	3709	188	4	0	0	0.00	0.53	0
14170032	14070085	0.49	520 3-	4/0 ACSR 6/1	3970	3875	3768	188	4447	186	55	0.07	0.70	302
14170033	14170032	0.54	2 1-	2 ACSR 6/1	0	0	3601	188	10	1	1	0.00	1.10	0
14170031	14170032	0.53	17 1-	2 ACSR 6/1	0	0	3634	188	129	16	9	0.02	0.62	2
14170019	14170031	0.64	6 1-	2 ACSR 6/1	0	0	3340	187	41	5	3	0.01	0.63	0
14170023	14170019	0.69	4 1-	2 ACSR 6/1	0	0	3217	187	30	3	2	0.00	0.64	0
14170024	14170023	0.78	2 1-	2 ACSR 6/1	0	0	2996	186	15	1	1	0.00	0.64	0
14070059	14170024	0.84	1 1-	2 ACSR 6/1	0	0	2873	185	10	1	1	0.00	0.64	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14170017	14170031	0.56	10 1-	2 ACSR 6/1	0	0	3550	188	79	9	5	0.01	0.63	0
14170018	14170017	0.61	9 1-	2 ACSR 6/1	0	0	3402	187	72	9	5	0.01	0.64	0
14170025	14170018	0.66	7 1-	2 ACSR 6/1	0	0	3290	187	59	7	4	0.01	0.65	0
14170022	14170025	0.75	2 1-	2 ACSR 6/1	0	0	3062	186	18	2	1	0.00	0.65	0
14170041	14170025	0.74	3 1-	2 ACSR 6/1	0	0	3096	186	27	3	2	0.01	0.66	0
14170043	14170041	0.82	1 1-	2 ACSR 6/1	0	0	2922	185	12	1	1	0.00	0.66	0
14170042	14170041	0.77	2 1-	2 ACSR 6/1	0	0	3020	186	15	1	1	0.00	0.66	0
14170029	14170032	0.56	500 3-	4/0 ACSR 6/1	3847	3739	3595	188	4291	180	53	0.08	0.80	370
14170030	14170029	0.67	2 1-	2 ACSR 6/1	0	0	3300	187	22	2	2	0.00	0.45	0
14170011	14170029	0.71	498 3-	4/0 ACSR 6/1	3630	3502	3303	187	4266	179	53	0.16	0.99	704
14170010	14170011	0.78	497 3-	4/0 ACSR 6/1	3531	3396	3175	187	4255	179	53	0.08	1.09	348
14170026	14170010	0.85	1 1- 15	KV 2 URD XLP	0	0	3030	476	18	2	1	0.00	0.92	0
14170044	14170010	0.81	496 3-	4/0 ACSR 6/1	3483	3344	3113	187	4233	178	52	0.04	1.13	175
14170045	14170044	0.84	494 3-	4/0 ACSR 6/1	3441	3299	3060	187	4223	177	52	0.03	1.18	155
14170016	14170045	0.92	1 1-	2 ACSR 6/1	0	0	2908	186	7	0	0	0.00	0.63	0
14170015	14170045	1.00	493 3-	4/0 ACSR 6/1	3250	3098	2827	186	4215	177	52	0.17	1.38	754
14160064	14170015	1.06	492 3-	4/0 ACSR 6/1	3179	3023	2742	186	4206	177	52	0.07	1.46	304
14160110	14160064	1.11	154 3-	1/0 ACSR 6/1	3111	2951	2668	186	4055	44	19	0.03	1.50	28
14160111	14160110	1.21	150 3-	1/0 ACSR 6/1	2993	2828	2543	185	4020	43	19	0.06	1.56	49
14160075	14160111	1.27	149 3-	1/0 ACSR 6/1	2915	2747	2461	185	4010	42	19	0.04	1.60	34
14160078	14160075	1.30	144 3-	1/0 ACSR 6/1	2878	2709	2423	185	3981	41	18	0.02	1.62	16
14160082	14160078	1.35	141 3-	1/0 ACSR 6/1	2830	2659	2373	185	3970	41	18	0.02	1.64	21
14160116	14160082	1.40	137 3-	1/0 ACSR 6/1	2771	2600	2314	184	3941	39	17	0.03	1.67	25
14160109	14160116	1.44	137 3-	1/0 ACSR 6/1	2724	2552	2267	184	3941	39	17	0.03	1.70	21
14160080	14160109	1.50	0 1-	2 ACSR 6/1	0	0	2194	184	0	0	0	0.00	1.45	0
14160069	14160109	1.55	137 3-	1/0 ACSR 6/1	2619	2445	2163	184	3941	39	17	0.06	1.76	49
14160079	14160069	1.66	2 1-	2 ACSR 6/1	0	0	2039	183	21	2	2	0.01	1.52	0
14160148	14160079	1.70	1 1-	1/0 ACSR 6/1	0	0	2007	183	10	1	1	0.00	1.52	0
14160070	14160069	1.59	134 3-	1/0 ACSR 6/1	2578	2403	2122	183	3914	38	17	0.02	1.79	19
D14-16-P129	14160070	1.59	134 3-	REC-50-L	2578	2403	2122	183	3913	38	77	0.00	1.79	0
14160071	D14-16-P129	1.61	134 3-	1/0 ACSR 6/1	2560	2384	2104	183	3913	38	17	0.01	1.80	9
14160084	14160071	1.63	133 3-	1/0 ACSR 6/1	2536	2360	2081	183	3899	38	17	0.01	1.81	11
14160100	14160084	1.71	1 1-	2 ACSR 6/1	0	0	2006	183	18	2	1	0.00	2.68	0
14160086	14160084	1.72	132 3-	1/0 ACSR 6/1	2455	2280	2004	183	3881	37	16	0.04	1.86	38
14160085	14160086	1.80	87 3-	2 ACSR 6/1	2381	2203	1934	182	3569	24	13	0.09	1.90	27
14160092	14160085	1.96	14 1-	2 ACSR 6/1	0	0	1795	181	104	13	7	0.06	2.79	5
14160093	14160092	2.09	13 1-	2 ACSR 6/1	0	0	1692	180	97	12	7	0.04	2.83	3
14160094	14160093	2.14	2 1-	2 ACSR 6/1	0	0	1657	180	13	1	1	0.00	2.83	0
14160132	14160093	2.17	6 1-	2 ACSR 6/1	0	0	1636	179	48	6	3	0.01	2.84	0
14160136	14160132	2.20	5 1-	2 ACSR 6/1	0	0	1620	179	39	4	3	0.00	2.84	0
14160141	14160136	2.23	3 1-	2 ACSR 6/1	0	0	1601	179	26	3	2	0.00	2.85	0
14160098	14160141	2.28	2 1-	2 ACSR 6/1	0	0	1568	179	16	2	1	0.00	2.85	0
14160099	14160098	2.30	1 1-	2 ACSR 6/1	0	0	1553	178	13	1	1	0.00	2.85	0
14160140	14160136	2.27	1 1-	2 ACSR 6/1	0	0	1572	179	5	0	0	0.00	2.85	0
14160135	14160140	2.32	0 1-	2 ACSR 6/1	0	0	1541	178	0	0	0	0.00	2.85	0
14160131	14160093	2.13	3 1-	2 ACSR 6/1	0	0	1666	180	21	2	2	0.00	2.83	0
14160147	14160131	2.15	2 1-	2 ACSR 6/1	0	0	1655	180	13	1	1	0.00	2.83	0
14160090	14160085	1.85	7 1-	2 ACSR 6/1	0	0	1891	182	49	6	3	0.01	1.30	0
14160091	14160090	1.88	7 1-	2 ACSR 6/1	0	0	1857	182	49	6	3	0.01	1.31	0
14160101	14160091	1.94	4 1-	2 ACSR 6/1	0	0	1807	181	30	3	2	0.01	1.31	0
14160102	14160101	1.98	3 1-	2 ACSR 6/1	0	0	1781	181	19	2	1	0.00	1.31	0
14160103	14160102	2.07	1 1-	2 ACSR 6/1	0	0	1712	180	8	1	1	0.00	1.31	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14160117	14160085	2.02	66 3-	2 ACSR 6/1	2176	1996	1747	180	416	17	10	0.25	1.99	65
14160119	14160117	2.15	1 1-	2 ACSR 6/1	0	0	1655	180	10	1	1	0.00	1.94	0
14160118	14160117	2.08	63 3-	2 ACSR 6/1	2121	1942	1698	180	400	17	9	0.07	2.02	18
14160145	14160118	2.17	0 1-	2 ACSR 6/1	0	0	1636	179	0	0	0	0.00	2.01	0
14160146	14160145	2.27	0 1-	15 KV 2 URD XLP	0	0	1575	423	0	0	0	0.00	2.01	0
14160121	14160118	2.16	62 3-	2 ACSR 6/1	2059	1880	1643	179	385	16	9	0.08	2.05	20
14160122	14160121	2.32	61 3-	2 ACSR 6/1	1940	1763	1540	178	376	15	9	0.17	2.11	40
14160123	14160122	2.52	4 1-	2 ACSR 6/1	0	0	1429	177	31	3	2	0.02	2.28	0
14160134	14160123	2.70	1 1-	2 ACSR 6/1	0	0	1340	175	15	1	1	0.00	2.29	0
14160133	14160123	2.58	2 1-	2 ACSR 6/1	0	0	1395	176	6	0	0	0.00	2.28	0
14160125	14160133	2.65	1 1-	2 ACSR 6/1	0	0	1362	176	6	0	0	0.00	2.28	0
14160124	14160133	2.65	1 1-	2 ACSR 6/1	0	0	1364	176	0	0	0	0.00	2.28	0
14160057	14160122	2.36	43 1-	2 ACSR 6/1	0	0	1515	178	261	33	19	0.04	2.30	8
D14-16-P199	14160057	2.36	43 1-	RBC-35-H	0	0	1515	178	261	33	95	0.00	2.30	0
14160062	D14-16-P199	2.41	43 1-	2 ACSR 6/1	0	0	1487	178	261	33	19	0.05	2.35	10
14160059	14160062	2.47	42 1-	2 ACSR 6/1	0	0	1454	177	257	32	18	0.05	2.40	11
14160138	14160059	2.51	2 1-	2 ACSR 6/1	0	0	1435	177	12	1	1	0.00	2.40	0
14160127	14160059	2.57	40 1-	2 ACSR 6/1	0	0	1404	176	245	31	17	0.08	2.48	16
14160128	14160127	2.63	38 1-	2 ACSR 6/1	0	0	1375	176	232	29	16	0.05	2.53	8
14160139	14160128	2.72	36 1-	2 ACSR 6/1	0	0	1329	175	215	27	15	0.07	2.60	12
14150026	14160139	2.97	33 1-	2 ACSR 6/1	0	0	1224	174	202	25	14	0.17	2.77	28
14150033	14150026	3.02	30 1-	2 ACSR 6/1	0	0	1203	173	183	23	13	0.03	2.80	5
14150041	14150033	3.12	21 1-	2 ACSR 6/1	0	0	1165	172	133	17	9	0.05	2.85	5
14150027	14150041	3.17	20 1-	2 ACSR 6/1	0	0	1150	172	129	16	9	0.02	2.87	2
14150023	14150027	3.27	18 1-	2 ACSR 6/1	0	0	1116	171	127	16	9	0.05	2.92	5
14150024	14150023	3.31	1 1-	2 ACSR 6/1	0	0	1102	171	6	0	0	0.00	2.92	0
14150018	14150023	3.35	17 1-	2 ACSR 6/1	0	0	1089	171	121	15	9	0.03	2.95	3
14150028	14150018	3.41	1 1-	2 ACSR 6/1	0	0	1072	170	6	0	0	0.00	2.95	0
14150029	14150018	3.45	15 1-	2 ACSR 6/1	0	0	1058	170	104	13	7	0.04	2.99	3
14150031	14150029	3.50	10 1-	2 ACSR 6/1	0	0	1044	170	71	9	5	0.01	3.00	0
14150019	14150031	3.56	8 1-	2 ACSR 6/1	0	0	1026	169	56	7	4	0.01	3.01	0
14150020	14150019	3.62	1 1-	2 ACSR 6/1	0	0	1011	169	0	0	0	0.00	3.01	0
14150039	14150019	3.69	3 1-	2 ACSR 6/1	0	0	993	169	19	2	1	0.00	3.01	0
14150032	14150039	3.78	0 1-	2 ACSR 6/1	0	0	968	168	0	0	0	0.00	3.01	0
14150037	14150019	3.70	2 1-	2 ACSR 6/1	0	0	990	168	18	2	1	0.01	3.01	0
14150038	14150037	3.73	1 1-	2 ACSR 6/1	0	0	980	168	9	1	1	0.00	3.01	0
14150030	14150029	3.49	3 1-	2 ACSR 6/1	0	0	1047	170	27	3	2	0.00	2.99	0
14150042	14150030	3.64	2 1-	2 ACSR 6/1	0	0	1005	169	23	2	2	0.01	3.00	0
14150017	14150042	3.75	1 1-	2 ACSR 6/1	0	0	977	168	10	1	1	0.00	3.00	0
14150044	14150033	3.08	8 1-	2 ACSR 6/1	0	0	1181	173	36	4	3	0.01	2.81	0
14150045	14150044	3.13	7 1-	2 ACSR 6/1	0	0	1162	172	31	4	2	0.01	2.81	0
14150040	14150045	3.24	5 1-	2 ACSR 6/1	0	0	1126	172	24	3	2	0.01	2.82	0
14150034	14150040	3.31	4 1-	2 ACSR 6/1	0	0	1101	171	16	2	1	0.00	2.83	0
14150036	14150034	3.36	2 1-	2 ACSR 6/1	0	0	1086	171	6	0	0	0.00	2.83	0
14150016	14150036	3.47	1 1-	2 ACSR 6/1	0	0	1053	170	0	0	0	0.00	2.83	0
14150035	14150034	3.39	1 1-	2 ACSR 6/1	0	0	1076	171	1	0	0	0.00	2.83	0
14150021	14150026	3.03	2 1-	2 ACSR 6/1	0	0	1201	173	10	1	1	0.00	2.77	0
14150025	14160139	2.79	1 1-	2 ACSR 6/1	0	0	1298	175	4	0	0	0.00	2.60	0
14150022	14150025	2.89	0 1-	2 ACSR 6/1	0	0	1256	174	0	0	0	0.00	2.60	0
14160058	14160062	2.49	0 1-	2 ACSR 6/1	0	0	1446	177	0	0	0	0.00	2.35	0
14160126	14160062	2.46	1 1-	2 ACSR 6/1	0	0	1459	177	4	0	0	0.00	2.35	0
14160129	14160122	2.49	14 3-	2 ACSR 6/1	1827	1653	1443	177	83	3	2	0.00	2.12	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14160137	14160129	2.54	8 3-	2 ACSR 6/1	1796	1623	1417	177	51	2	1	0.00	2.12	0
14160104	14160137	2.58	4 1-	2 ACSR 6/1	0	0	1396	176	29	3	2	0.00	2.73	0
14160088	14160104	2.62	1 1-	2 ACSR 6/1	0	0	1375	176	2	0	0	0.00	2.73	0
14160089	14160088	2.66	1 1-	2 ACSR 6/1	0	0	1357	176	2	0	0	0.00	2.73	0
14160087	14160104	2.61	1 1-	2 ACSR 6/1	0	0	1381	176	9	1	1	0.00	2.73	0
14160130	14160129	2.56	1 1-	2 ACSR 6/1	0	0	1408	176	16	2	1	0.00	1.37	0
14160120	14160118	2.15	1 1-	2 ACSR 6/1	0	0	1653	180	15	1	1	0.00	2.02	0
14160056	14160085	1.81	0 1-	2 ACSR 6/1	0	0	1918	182	0	0	0	0.00	1.69	0
14160096	14160086	1.87	40 3-	1/0 ACSR 6/1	2336	2160	1891	182	296	12	5	-0.04	1.89	24
D14-16-P006	14160096	1.87	34 1-	REC-35-H	0	0	1891	182	278	35	101	0.00	1.38	0
14160097	D14-16-P006	1.90	34 1-	2 ACSR 6/1	0	0	1861	182	278	35	20	0.03	1.41	7
14160105	14160097	1.95	32 1-	2 ACSR 6/1	0	0	1824	181	276	35	19	0.04	1.45	9
14160107	14160105	1.98	31 1-	2 ACSR 6/1	0	0	1794	181	269	34	19	0.03	1.49	7
14160115	14160107	2.02	15 1-	2 ACSR 6/1	0	0	1766	181	123	15	9	0.01	1.50	1
14060033	14160115	2.05	14 1-	2 ACSR 6/1	0	0	1745	181	113	14	8	0.01	1.51	0
14060022	14060033	2.11	12 1-	2 ACSR 6/1	0	0	1696	180	93	11	7	0.02	1.53	2
14060023	14060022	2.18	10 1-	2 ACSR 6/1	0	0	1651	180	88	11	6	0.02	1.55	1
14060031	14060023	2.21	9 1-	2 ACSR 6/1	0	0	1628	179	76	9	5	0.01	1.56	0
14060040	14060031	2.26	8 1-	2 ACSR 6/1	0	0	1597	179	65	8	5	0.01	1.57	0
14060039	14060040	2.34	5 1-	2 ACSR 6/1	0	0	1545	178	48	6	3	0.01	1.58	0
14060036	14060039	2.40	3 1-	2 ACSR 6/1	0	0	1512	178	32	4	2	0.00	1.59	0
14060037	14060036	2.44	1 1-	2 ACSR 6/1	0	0	1486	178	10	1	1	0.00	1.59	0
14060038	14060040	2.34	2 1-	2 ACSR 6/1	0	0	1546	178	13	1	1	0.00	1.58	0
14060024	14060038	2.40	1 1-	2 ACSR 6/1	0	0	1507	178	12	1	1	0.00	1.58	0
14060030	14060023	2.24	1 1-	2 ACSR 6/1	0	0	1611	179	12	1	1	0.00	1.55	0
14060016	14060033	2.15	2 1-	2 ACSR 6/1	0	0	1668	180	20	2	1	0.01	1.52	0
14060017	14060016	2.20	1 1-	2 ACSR 6/1	0	0	1632	179	16	2	1	0.00	1.52	0
14160106	14160107	2.02	13 1-	2 ACSR 6/1	0	0	1763	181	112	14	8	0.01	1.50	1
14060025	14160106	2.05	11 1-	2 ACSR 6/1	0	0	1742	181	95	11	7	0.01	1.51	0
14060028	14060025	2.11	6 1-	2 ACSR 6/1	0	0	1699	180	58	7	4	0.01	1.52	0
14060029	14060028	2.18	4 1-	2 ACSR 6/1	0	0	1647	180	38	4	3	0.01	1.53	0
14060020	14060029	2.24	2 1-	2 ACSR 6/1	0	0	1607	179	26	3	2	0.01	1.53	0
14060021	14060020	2.28	2 1-	2 ACSR 6/1	0	0	1584	179	26	3	2	0.00	1.54	0
14060018	14060025	2.17	5 1-	2 ACSR 6/1	0	0	1654	180	36	4	3	0.01	1.52	0
14060034	14060018	2.26	4 1-	2 ACSR 6/1	0	0	1592	179	22	2	2	0.01	1.53	0
14060026	14060034	2.36	2 1-	2 ACSR 6/1	0	0	1535	178	10	1	1	0.00	1.53	0
14060035	14060034	2.37	1 1-	2 ACSR 6/1	0	0	1528	178	6	0	0	0.00	1.53	0
14160108	14160107	2.04	2 1-	2 ACSR 6/1	0	0	1751	181	21	2	1	0.00	1.49	0
14160095	14160096	1.95	5 1-	2 ACSR 6/1	0	0	1824	181	18	2	1	0.00	1.38	0
14060027	14160095	2.03	4 1-	2 ACSR 6/1	0	0	1757	181	17	2	1	0.00	1.39	0
14060032	14060027	2.08	2 1-	2 ACSR 6/1	0	0	1718	180	6	0	0	0.00	1.39	0
14060019	14060032	2.14	0 1-	2 ACSR 6/1	0	0	1674	180	0	0	0	0.00	1.39	0
14060015	14060032	2.12	2 1-	2 ACSR 6/1	0	0	1687	180	6	0	0	0.00	1.39	0
14160068	14160078	1.36	1 1-	2 ACSR 6/1	0	0	2352	185	1	0	0	0.00	1.37	0
14160076	14160075	1.38	3 1-	2 ACSR 6/1	0	0	2308	184	18	2	1	0.00	1.36	0
14160077	14160076	1.51	0 1-	2 ACSR 6/1	0	0	2152	183	0	0	0	0.00	1.36	0
14160065	14160064	1.13	337 3-	4/0 ACSR 6/1	3107	2948	2658	186	3137	132	39	0.05	1.52	190
14160066	14160065	1.29	332 3-	4/0 ACSR 6/1	2943	2778	2472	185	3088	130	38	0.12	1.68	459
14160112	14160066	1.32	3 3-	4/0 ACSR 6/1	2916	2750	2442	185	10	0	0	0.00	1.68	0
14160060	14160066	1.37	329 3-	4/0 ACSR 6/1	2872	2706	2394	185	3074	130	38	0.06	1.74	211
14160083	14160060	1.69	3 1-	2 ACSR 6/1	0	0	2027	183	20	2	1	0.02	3.00	0
14160081	14160083	1.75	1 1-	2 ACSR 6/1	0	0	1962	182	9	1	1	0.00	3.00	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14160061	14160060	1.47	326 3-	4/0 ACSR 6/1	2785	2617	2299	185	3051	129	38	0.07	1.83	270
14160113	14160061	1.54	324 3-	4/0 ACSR 6/1	2722	2553	2232	185	3044	129	38	0.06	1.90	205
14160114	14160113	1.62	322 3-	4/0 ACSR 6/1	2662	2492	2168	184	3032	128	38	0.06	1.97	203
14260109	14160114	1.82	321 3-	4/0 ACSR 6/1	2513	2343	2014	184	3027	128	38	0.15	2.15	543
14260123	14260109	2.00	320 3-	4/0 ACSR 6/1	2395	2225	1896	183	3018	128	38	0.13	2.31	477
14260128	14260123	2.08	1 1- 15	KV 2 URD XLP	0	0	1834	446	10	1	1	0.00	1.91	0
14260127	14260123	2.04	319 3-	4/0 ACSR 6/1	2366	2198	1868	183	3004	127	38	0.03	2.35	120
14260125	14260127	2.15	1 1- 15	KV 2 URD XLP	0	0	1792	444	5	0	0	0.00	1.94	0
14260124	14260127	2.08	318 3-	4/0 ACSR 6/1	2345	2177	1848	183	2997	127	38	0.02	2.38	91
14260079	14260124	2.13	1 1- 15	KV 2 URD XLP	0	0	1812	446	20	2	2	0.00	1.97	0
14260115	14260124	2.12	317 3-	4/0 ACSR 6/1	2318	2149	1821	183	2976	126	37	0.03	2.42	123
14270048	14260115	2.20	8 1-	2 ACSR 6/1	0	0	1762	182	46	5	3	0.01	0.91	0
14270049	14270048	2.24	7 1-	2 ACSR 6/1	0	0	1732	182	36	4	3	0.01	0.92	0
14270060	14270049	2.28	6 1-	2 ACSR 6/1	0	0	1703	181	36	4	3	0.00	0.92	0
14260114	14270060	2.33	4 1-	2 ACSR 6/1	0	0	1672	181	24	3	2	0.00	0.93	0
14270037	14260114	2.44	3 1-	2 ACSR 6/1	0	0	1598	180	15	1	1	0.00	0.93	0
14270045	14270037	2.52	2 1-	2 ACSR 6/1	0	0	1549	180	10	1	1	0.00	0.93	0
14270046	14270045	2.62	1 1-	2 ACSR 6/1	0	0	1492	179	8	1	1	0.00	0.94	0
14270061	14270046	2.67	1 1-	2 ACSR 6/1	0	0	1463	179	8	1	1	0.00	0.94	0
14270058	14260115	2.22	79 3-	1/0 ACSR 6/1	2249	2081	1759	182	1543	65	29	0.08	2.51	120
14260086	14270058	2.26	79 3-	1/0 ACSR 6/1	2221	2053	1735	182	1542	65	29	0.03	2.55	50
D14-26-P044	14260086	2.26	79 3-	REC-100-6H	2221	2053	1735	182	1541	65	29	0.00	2.55	0
14260039	D14-26-P044	2.33	79 3-	1/0 ACSR 6/1	2168	2000	1688	182	1541	65	29	0.06	2.62	99
14260081	14260039	2.43	75 3-	1/0 ACSR 6/1	2103	1936	1631	181	1511	64	28	0.08	2.71	121
14260111	14260081	2.48	74 3-	1/0 ACSR 6/1	2075	1909	1608	181	1503	64	28	0.04	2.75	52
14260112	14260111	2.82	74 3-	1/0 ACSR 6/1	1882	1720	1443	179	1502	64	28	0.28	3.07	410
D14-26-P027	14260112	2.82	7 1-	FUS-30	0	0	1443	179	21	2	10	0.00	5.21	0
14260121	D14-26-P027	2.95	7 1-	2 ACSR 6/1	0	0	1378	178	21	2	2	0.01	5.22	0
14260082	14260121	3.01	7 1-	2 ACSR 6/1	0	0	1349	178	21	2	2	0.00	5.23	0
14260096	14260082	3.08	4 1-	2 ACSR 6/1	0	0	1318	177	11	1	1	0.00	5.23	0
14260097	14260096	3.13	0 1-	2 ACSR 6/1	0	0	1299	177	0	0	0	0.00	5.23	0
14260083	14260097	3.18	0 1-	2 ACSR 6/1	0	0	1278	176	0	0	0	0.00	5.23	0
14260037	14260112	3.00	67 3-	1/0 ACSR 6/1	1794	1635	1370	178	1478	63	27	0.14	3.24	207
14-26-P025-B	14260037	3.00	67 3-	Closed	1794	1635	1370	178	1476	63	0	0.00	3.24	0
14-26-P025-A	14-26-P025-B	3.00	67 3-	Closed	1794	1635	1370	178	1476	63	0	0.00	3.24	0
14260084	14-26-P025-A	3.03	67 3-	1/0 ACSR 6/1	1777	1619	1356	178	1476	63	27	0.03	3.27	40
14260085	14260084	3.13	64 3-	1/0 ACSR 6/1	1734	1577	1320	178	1460	62	27	0.07	3.36	109
14260101	14260085	3.21	4 1-	2 ACSR 6/1	0	0	1286	177	27	3	2	0.01	1.69	0
14260102	14260101	3.26	2 1-	2 ACSR 6/1	0	0	1264	177	19	2	1	0.00	1.70	0
14260090	14260085	3.26	60 3-	1/0 ACSR 6/1	1676	1522	1273	177	1432	61	27	0.11	3.48	148
14260089	14260090	3.30	58 3-	1/0 ACSR 6/1	1658	1505	1258	177	1412	60	26	0.03	3.52	46
14260091	14260089	3.40	23 1-	2 ACSR 6/1	0	0	1221	176	131	17	10	0.04	5.82	5
14260092	14260091	3.43	2 1-	2 ACSR 6/1	0	0	1208	176	5	0	0	0.00	5.82	0
14260093	14260091	3.49	20 1-	2 ACSR 6/1	0	0	1189	175	122	16	9	0.04	5.86	4
14260094	14260093	3.54	18 1-	2 ACSR 6/1	0	0	1169	175	119	15	9	0.02	5.88	2
D14-26-P015	14260094	3.54	18 1-	REC-50-H	0	0	1169	175	119	15	31	0.00	5.88	0
14260041	D14-26-P015	3.76	18 1-	2 ACSR 6/1	0	0	1100	173	119	15	9	0.09	5.97	9
14260116	14260041	3.79	16 1-	2 ACSR 6/1	0	0	1088	173	98	12	7	0.01	5.99	0
14360040	14260116	3.87	14 1-	2 ACSR 6/1	0	0	1066	172	79	10	6	0.02	6.01	1
14360041	14360040	4.14	1 1-	2 ACSR 6/1	0	0	991	171	18	2	1	0.01	6.01	0
14360033	14360040	4.12	13 1-	2 ACSR 6/1	0	0	997	171	61	8	4	0.06	6.06	3
14360056	14360033	4.21	1 1-	2 ACSR 6/1	0	0	974	170	1	0	0	0.00	6.06	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14360043	14360033	4.24	11 1-	2 ACSR 6/1	0	0	967	170	52	6	4	0.02	6.08	0
14360045	14360043	4.29	3 1-	2 ACSR 6/1	0	0	954	170	9	1	1	0.00	6.08	0
14360046	14360045	4.49	1 1-	2 ACSR 6/1	0	0	909	168	3	0	0	0.00	6.09	0
14360044	14360043	4.25	0 1-	2 ACSR 6/1	0	0	964	170	0	0	0	0.00	6.08	0
14-36-P008-B	14360044	4.25	0 1-	Open	0	0	964	170	0	0	0	0.00	6.08	0
14360047	14360043	4.38	7 1-	2 ACSR 6/1	0	0	934	169	35	4	3	0.02	6.10	0
14360048	14360047	4.42	7 1-	2 ACSR 6/1	0	0	925	169	35	4	3	0.01	6.11	0
14360049	14360048	4.47	7 1-	2 ACSR 6/1	0	0	915	168	35	4	3	0.01	6.11	0
14360037	14360049	4.52	5 1-	2 ACSR 6/1	0	0	903	168	28	3	2	0.01	6.12	0
14360083	14360037	4.67	5 1-	2 ACSR 6/1	0	0	873	167	28	3	2	0.01	6.13	0
14360085	14360083	4.82	0 1-	2 ACSR 6/1	0	0	844	166	0	0	0	0.00	6.13	0
14360084	14360083	4.74	5 1-	2 ACSR 6/1	0	0	859	166	28	3	2	0.01	6.14	0
14360055	14360084	4.86	4 1-	2 ACSR 6/1	0	0	836	166	25	3	2	0.01	6.15	0
14460060	14360055	4.92	1 1-	2 ACSR 6/1	0	0	824	165	2	0	0	0.00	6.15	0
14460036	14360055	4.93	2 1-	2 ACSR 6/1	0	0	823	165	18	2	1	0.00	6.15	0
14460063	14460036	4.95	0 1-	2 ACSR 6/1	0	0	819	165	0	0	0	0.00	6.15	0
14460062	14460036	5.10	2 1-	2 ACSR 6/1	0	0	793	164	18	2	1	0.01	6.16	0
14460061	14460036	4.99	0 1-	2 ACSR 6/1	0	0	812	165	0	0	0	0.00	6.15	0
14460059	14360055	4.92	1 1-	2 ACSR 6/1	0	0	826	165	5	0	0	0.00	6.15	0
14360038	14360037	4.76	0 1-	2 ACSR 6/1	0	0	854	166	0	0	0	0.00	6.12	0
14360039	14360038	4.97	0 1-	2 ACSR 6/1	0	0	816	165	0	0	0	0.00	6.12	0
14360042	14360033	4.18	1 1-	2 ACSR 6/1	0	0	982	170	8	1	1	0.00	6.06	0
14260103	14260041	3.87	2 1-	2 ACSR 6/1	0	0	1067	173	21	2	2	0.01	5.98	0
14260104	14260103	3.97	1 1-	2 ACSR 6/1	0	0	1038	172	9	1	1	0.00	5.98	0
14260110	14260104	4.00	0 1-	2 ACSR 6/1	0	0	1028	172	0	0	0	0.00	5.98	0
14260095	14260089	3.38	35 3-	1/0 ACSR 6/1	1629	1477	1235	176	1281	54	24	0.05	3.57	61
14260105	14260095	3.46	33 3-	1/0 ACSR 6/1	1598	1448	1210	176	1257	53	23	0.05	3.63	67
14260106	14260105	3.54	1 1-	2 ACSR 6/1	0	0	1180	175	7	0	0	0.00	1.95	0
14260107	14260106	3.56	1 1-	2 ACSR 6/1	0	0	1173	175	7	0	0	0.00	1.95	0
14260040	14260105	3.52	32 3-	1/0 ACSR 6/1	1575	1425	1191	176	1250	53	23	0.04	3.68	52
14250028	14260040	3.57	32 3-	1/0 ACSR 6/1	1555	1406	1175	175	1249	53	23	0.04	3.73	45
14250050	14250028	3.59	31 3-	1/0 ACSR 6/1	1548	1399	1169	175	1240	53	23	0.01	3.74	17
14250051	14250050	3.64	30 3-	1/0 ACSR 6/1	1533	1385	1157	175	1230	52	23	0.03	3.77	33
14250059	14250051	3.78	28 3-	1/0 ACSR 6/1	1483	1338	1117	174	1219	52	23	0.10	3.88	115
14250060	14250059	3.95	27 3-	1/0 ACSR 6/1	1429	1287	1074	173	1218	52	23	0.11	4.01	134
14250061	14250060	4.01	26 3-	1/0 ACSR 6/1	1411	1270	1060	173	1212	52	23	0.04	4.05	46
14250063	14250061	4.07	13 1-	2 ACSR 6/1	0	0	1042	173	105	13	7	0.02	2.46	2
D14-25-P008	14250063	4.07	12 1-	FUS	0	0	1042	173	93	11	271	0.00	2.46	0
14250067	D14-25-P008	4.34	12 1-	2 ACSR 6/1	0	0	972	171	93	11	7	0.09	2.55	7
14350014	14250067	4.53	9 1-	2 ACSR 6/1	0	0	928	169	84	10	6	0.06	2.61	4
14350016	14350014	4.60	1 1-	15 KV 2 URD XLP	0	0	913	365	4	0	0	0.00	2.61	0
14350015	14350014	4.59	8 1-	2 ACSR 6/1	0	0	915	169	80	10	6	0.02	2.62	0
14350018	14350015	4.67	5 1-	2 ACSR 6/1	0	0	898	168	46	5	3	0.01	2.63	0
14350019	14350018	4.76	4 1-	2 ACSR 6/1	0	0	880	168	35	4	2	0.01	2.65	0
14350017	14350019	4.80	1 1-	15 KV 2 URD XLP	0	0	872	358	11	1	1	0.00	2.65	0
14350005	14350019	4.93	3 1-	2 ACSR 6/1	0	0	847	167	23	2	2	0.01	2.66	0
14350006	14350005	5.21	2 1-	2 ACSR 6/1	0	0	797	165	14	1	1	0.01	2.67	0
14350023	14350006	5.30	1 1-	2 ACSR 6/1	0	0	782	164	4	0	0	0.00	2.67	0
14350022	14350006	5.27	1 1-	2 ACSR 6/1	0	0	788	164	10	1	1	0.00	2.67	0
14350007	14350015	4.66	3 1-	2 ACSR 6/1	0	0	899	168	34	4	2	0.00	2.63	0
14350020	14250067	4.39	1 1-	2 ACSR 6/1	0	0	960	170	5	0	0	0.00	2.55	0
14350008	14250067	4.47	1 1-	2 ACSR 6/1	0	0	942	170	4	0	0	0.00	2.55	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14250062	14250061	4.05	13 3-	1/0 ACSR 6/1	1399	1258	1050	173	1107	47	21	0.03	4.08	28
14250064	14250062	4.09	1 1-	2 ACSR 6/1	0	0	1039	173	15	1	1	0.00	3.46	0
14250052	14250062	4.11	12 3-	1/0 ACSR 6/1	1381	1241	1036	173	1091	47	20	0.04	4.13	39
14250053	14250052	4.15	10 3-	1/0 ACSR 6/1	1370	1231	1027	172	1076	46	20	0.03	4.15	23
14250054	14250053	4.22	9 3-	1/0 ACSR 6/1	1351	1214	1012	172	1069	46	20	0.05	4.19	40
14250055	14250054	4.25	9 3-	1/0 ACSR 6/1	1342	1205	1005	172	1068	46	20	0.02	4.22	21
14250048	14250055	4.40	2 1-	2 ACSR 6/1	0	0	967	171	7	0	0	0.00	3.60	0
14250049	14250048	4.49	1 1-	2 ACSR 6/1	0	0	946	170	4	0	0	0.00	3.60	0
14250025	14250055	4.30	2 3-	1/0 ACSR 6/1	1328	1192	994	172	1039	44	19	0.03	4.25	29
D14-25-P001	14250025	4.30	2 3-	REC-70-L	1328	1192	994	172	1039	44	64	0.00	4.25	0
14250068	D14-25-P001	4.36	2 3-	1/0 ACSR 6/1	1313	1178	982	171	1039	44	19	0.04	4.29	33
14250069	14250068	6.87	2 3-	1/0 ACSR 6/1	872	772	643	160	1038	44	19	1.57	5.89	1441
14330001	14250069	7.97	2 3-	1/0 ACSR 6/1	760	670	559	155	1025	44	19	0.68	6.58	629
D14-22-P064	14330001	7.97	2 3-	REC-70-4H	760	670	559	155	1019	44	64	0.00	6.58	0
14220013	D14-22-P064	8.04	2 3-	1/0 ACSR 6/1	754	665	554	154	1019	44	19	0.04	6.62	39
C14-22-P5	14220013	8.04	0 3-	Capacitor	754	665	554	154	0	-13	0	0.00	6.62	0
14220018	14220013	8.15	2 3-	1/0 ACSR 6/1	744	656	547	154	1019	46	20	0.09	6.71	69
14220019	14220018	8.18	2 3-	1/0 ACSR 6/1	741	653	545	154	1018	46	20	0.03	6.74	22
14220021	14220019	8.30	2 3-	1/0 ACSR 6/1	731	644	537	153	1018	46	20	0.10	6.84	77
14220022	14220021	8.37	0 1-	2 ACSR 6/1	0	0	532	153	0	0	0	0.00	6.17	0
14220020	14220021	8.47	2 3-	1/0 ACSR 6/1	718	632	527	153	1017	46	20	0.13	6.97	102
14256010	14220020	8.47	2 3-	Consumer	718	632	527	153	1016	46	0	0.00	6.97	0
13290015	14220020	8.60	0 3-	1/0 ACSR 6/1	707	623	519	152	0	0	0	0.00	6.97	0
13290016	13290015	8.65	0 3-	1/0 ACSR 6/1	703	619	516	152	0	0	0	0.00	6.97	0
13290017	13290016	8.72	0 3-	1/0 ACSR 6/1	698	614	512	152	0	0	0	0.00	6.97	0
13290018	13290017	8.75	0 3-	1/0 ACSR 6/1	696	612	511	151	0	0	0	0.00	6.97	0
13290019	13290018	8.81	0 1-	2 ACSR 6/1	0	0	507	151	0	0	0	0.00	5.30	0
13290014	13290018	8.90	0 3-	1/0 ACSR 6/1	685	603	503	151	0	0	0	0.00	6.97	0
13290013	13290018	8.97	0 3-	1/0 ACSR 6/1	680	598	499	151	0	0	0	0.00	6.97	0
13290012	13290015	8.66	0 3-	1/0 ACSR 6/1	702	618	516	152	0	0	0	0.00	6.97	0
13390022	13290012	8.73	0 3-	1/0 ACSR 6/1	698	614	512	152	0	0	0	0.00	6.97	0
13390023	13390022	8.80	0 1-	2 ACSR 6/1	0	0	507	151	0	0	0	0.00	6.30	0
13390016	13290012	8.68	0 3-	1/0 ACSR 6/1	701	617	515	152	0	0	0	0.00	6.97	0
13390015	13290012	8.78	0 3-	1/0 ACSR 6/1	694	611	509	151	0	0	0	0.00	6.97	0
13390026	13390015	8.80	0 1- 15	KV 2 URD XLP	0	0	507	282	0	0	0	0.00	5.30	0
13390025	13390026	8.84	0 1-	2 ACSR 6/1	0	0	505	151	0	0	0	0.00	5.30	0
13390027	13390015	8.84	0 3-	1/0 ACSR 6/1	689	606	506	151	0	0	0	0.00	6.97	0
13390028	13390027	8.87	0 3-	1/0 ACSR 6/1	687	604	504	151	0	0	0	0.00	6.97	0
13390021	13390028	9.02	0 3-	1/0 ACSR 6/1	676	595	496	150	0	0	0	0.00	6.97	0
13390018	13390028	8.90	0 1-	2 ACSR 6/1	0	0	502	151	0	0	0	0.00	5.30	0
13390019	13390015	8.86	0 3-	1/0 ACSR 6/1	688	605	505	151	0	0	0	0.00	6.97	0
13390020	13390019	8.91	0 3-	1/0 ACSR 6/1	684	602	502	151	0	0	0	0.00	6.97	0
13390024	13390020	8.96	0 3-	1/0 ACSR 6/1	681	599	499	151	0	0	0	0.00	6.97	0
13390017	13390020	9.02	0 1-	2 ACSR 6/1	0	0	495	150	0	0	0	0.00	6.30	0
13290011	13290015	8.63	0 1-	2 ACSR 6/1	0	0	517	152	0	0	0	0.00	6.30	0
13290010	13290015	8.63	0 1-	2 ACSR 6/1	0	0	517	152	0	0	0	0.00	5.30	0
14220027	14220021	8.33	0 1-	2 ACSR 6/1	0	0	535	153	0	0	0	0.00	6.17	0
14220025	14220027	8.34	0 1-	2 ACSR 6/1	0	0	534	153	0	0	0	0.00	6.17	0
14220026	14220025	8.36	0 1-	2 ACSR 6/1	0	0	533	153	0	0	0	0.00	6.17	0
14220023	14220021	8.37	0 1-	2 ACSR 6/1	0	0	532	153	0	0	0	0.00	5.17	0
14220024	14220023	8.38	0 1-	2 ACSR 6/1	0	0	531	153	0	0	0	0.00	5.17	0
14220017	14220024	8.51	0 1- 15	KV 2 URD XLP	0	0	522	286	0	0	0	0.00	5.17	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14250027	14250055	4.27	5 1-	2 ACSR 6/1	0	0	1000	172	22	2	2	0.00	3.60	0
14250058	14250027	4.34	4 1-	2 ACSR 6/1	0	0	984	171	13	1	1	0.00	3.60	0
14250056	14250027	4.33	1 1-	2 ACSR 6/1	0	0	984	171	10	1	1	0.00	3.60	0
14250057	14250056	4.38	0 1-	2 ACSR 6/1	0	0	974	171	0	0	0	0.00	3.60	0
14250026	14250053	4.19	1 1-	2 ACSR 6/1	0	0	1017	172	7	0	1	0.00	3.53	0
14250065	14250026	4.22	1 1-	2 ACSR 6/1	0	0	1008	172	7	0	1	0.00	3.53	0
14250066	14250028	3.99	1 1-	2 ACSR 6/1	0	0	1045	172	9	1	1	0.01	3.15	0
14260108	14250066	4.34	0 1-	2 ACSR 6/1	0	0	955	170	0	0	0	0.00	3.15	0
14260088	14260090	3.35	1 1-	2 ACSR 6/1	0	0	1236	176	10	1	1	0.00	2.92	0
14260113	14260084	3.21	1 1-	2 ACSR 6/1	0	0	1280	177	5	0	0	0.00	2.74	0
14260038	14260039	2.41	4 1-	2 ACSR 6/1	0	0	1639	181	29	3	2	0.01	4.63	0
14260087	14260038	2.45	4 1-	2 ACSR 6/1	0	0	1610	181	29	3	2	0.00	4.64	0
D14-26-P040	14260087	2.45	2 1-	FUS	0	0	1610	181	15	1	45	0.00	4.64	0
14260080	D14-26-P040	2.49	2 1-	2 ACSR 6/1	0	0	1589	180	15	1	1	0.00	4.64	0
14260098	14260080	2.56	1 1-	2 ACSR 6/1	0	0	1546	180	10	1	1	0.00	4.64	0
14260122	14260087	2.82	1 1-	2 ACSR 6/1	0	0	1406	178	4	0	0	0.01	4.64	0
14360087	14260122	3.04	1 1-	2 ACSR 6/1	0	0	1301	176	4	0	0	0.00	4.64	0
14260099	14260038	2.44	0 1-	2 ACSR 6/1	0	0	1616	181	0	0	0	0.00	4.63	0
14260100	14260099	2.46	0 1-	2 ACSR 6/1	0	0	1603	181	0	0	0	0.00	4.63	0
14270053	14260115	2.18	230 3-	4/0 ACSR 6/1	2283	2116	1787	183	1387	59	18	0.02	2.44	41
14270063	14270053	2.34	1 1-	2 ACSR 6/1	0	0	1675	181	0	0	0	0.00	2.02	0
14270054	14270053	2.23	225 3-	4/0 ACSR 6/1	2254	2087	1759	182	1365	58	17	0.01	2.46	35
14270055	14270054	2.31	223 3-	4/0 ACSR 6/1	2211	2045	1718	182	1347	58	17	0.02	2.48	50
C14-27-P8	14270055	2.31	0 3-	Capacitor	2211	2045	1718	182	0	-13	0	0.00	2.48	0
14270056	14270055	2.38	222 3-	4/0 ACSR 6/1	2172	2007	1681	182	1341	57	17	0.03	2.52	47
14270052	14270056	2.44	2 1-	2 ACSR 6/1	0	0	1642	181	13	1	1	0.00	2.08	0
14270047	14270052	2.51	0 1-	2 ACSR 6/1	0	0	1601	181	0	0	0	0.00	2.08	0
14270057	14270056	2.44	1 1-	2 ACSR 6/1	0	0	1642	181	5	0	0	0.00	0.85	0
14270025	14270056	2.45	219 3-	4/0 ACSR 6/1	2138	1974	1649	182	1323	57	17	0.03	2.55	42
14-27-P010-A	14270025	2.45	219 3-	Closed	2138	1974	1649	182	1323	57	0	0.00	2.55	0
14-27-P010-B	14-27-P010-A	2.45	219 3-	Closed	1124	1023	843	171	1323	57	0	0.00	2.55	0
14270026	14-27-P010-B	2.46	219 3-	4/0 ACSR 6/1	1124	1023	843	171	1323	57	17	0.00	2.56	5
14270044	14270026	2.57	1 1-	2 ACSR 6/1	0	0	825	170	9	1	1	0.00	0.85	0
14270043	14270026	2.54	1 1-	2 ACSR 6/1	0	0	830	171	9	1	1	0.00	2.12	0
14270031	14270026	2.47	217 3-	4/0 ACSR 6/1	1125	1024	844	171	1305	56	17	0.01	2.56	10
14270030	14270031	2.52	217 3-	4/0 ACSR 6/1	1127	1026	846	171	1305	56	17	0.02	2.59	31
D14-27-P011	14270030	2.52	5 1-	FUS-40	0	0	852	171	23	3	9	0.00	4.78	0
14270062	D14-27-P011	2.66	5 1-	2 ACSR 6/1	0	0	829	170	23	3	2	0.01	4.79	0
14270024	14270062	2.74	3 1-	2 ACSR 6/1	0	0	815	170	21	2	2	0.01	4.80	0
14270042	14270024	2.79	0 1-	2 ACSR 6/1	0	0	807	170	0	0	0	0.00	4.80	0
14270040	14270024	2.86	3 1-	2 ACSR 6/1	0	0	796	169	21	2	2	0.01	4.80	0
14270041	14270040	2.91	2 1-	2 ACSR 6/1	0	0	788	169	15	1	1	0.00	4.81	0
14270038	14270041	2.95	2 1-	2 ACSR 6/1	0	0	782	168	15	1	1	0.00	4.81	0
14270039	14270038	3.00	1 1-	2 ACSR 6/1	0	0	774	168	6	0	0	0.00	4.81	0
14270033	14270062	2.70	1 1-	2 ACSR 6/1	0	0	821	170	0	0	0	0.00	4.79	0
14270032	14270062	2.70	1 1-	2 ACSR 6/1	0	0	822	170	2	0	0	0.00	4.79	0
14370059	14270030	2.67	211 3-	4/0 ACSR 6/1	1134	1033	852	171	1279	55	16	0.06	2.66	90
14370049	14370059	2.71	209 3-	4/0 ACSR 6/1	1156	1054	872	172	1265	54	16	0.01	2.68	21
14370110	14370049	2.78	209 3-	4/0 ACSR 6/1	1161	1059	877	172	1265	54	16	0.03	2.71	45
14370056	14370110	2.85	1 1-	2 ACSR 6/1	0	0	866	172	8	0	1	0.00	0.83	0
14370044	14370110	2.81	207 3-	4/0 ACSR 6/1	1173	1070	887	172	1254	54	16	0.01	2.72	12
D14-37-P005	14370044	2.81	4 1-	FUS	0	0	890	172	19	2	57	0.00	2.25	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14370057	D14-37-P005	2.88	4 1-	2 ACSR 6/1	0	0	876	172	19	2	1	0.00	2.26	0
14370058	14370057	2.97	2 1-	2 ACSR 6/1	0	0	860	171	12	1	1	0.00	2.26	0
14370054	14370044	2.84	203 3-	4/0 ACSR 6/1	1176	1073	890	172	1235	53	16	0.01	2.74	22
D14-37-P007	14370054	2.84	2 1-	FUS	0	0	896	173	7	0	22	0.00	5.12	0
14370123	D14-37-P007	3.04	2 1-	2 ACSR 6/1	0	0	859	171	7	0	1	0.00	5.13	0
14370130	14370054	2.88	200 3-	4/0 ACSR 6/1	1182	1079	896	173	1224	53	16	0.01	2.76	23
14370122	14370130	2.91	199 3-	4/0 ACSR 6/1	1189	1085	901	173	1223	53	16	0.01	2.77	15
14370121	14370122	2.94	198 3-	4/0 ACSR 6/1	1193	1089	905	173	1223	52	16	0.01	2.78	19
14370053	14370121	2.97	197 3-	4/0 ACSR 6/1	1198	1094	910	173	1214	52	15	0.01	2.80	13
D14-37-P009	14370053	2.97	5 1-	FUS-40	0	0	914	173	45	5	16	0.00	0.82	0
14370125	D14-37-P009	3.00	5 1-	2 ACSR 6/1	0	0	907	173	45	5	3	0.00	0.82	0
14370081	14370125	3.04	2 1-	2 ACSR 6/1	0	0	900	172	20	2	1	0.00	0.83	0
14370085	14370081	3.11	1 1-	2 ACSR 6/1	0	0	886	172	12	1	1	0.00	0.83	0
14370052	14370081	3.08	1 1-	2 ACSR 6/1	0	0	891	172	8	0	1	0.00	0.83	0
14370061	14370053	3.04	191 3-	4/0 ACSR 6/1	1202	1098	914	173	1161	50	15	0.03	2.83	39
14370064	14370061	3.13	70 3-	1/0 ACSR 6/1	1196	1091	909	173	439	19	8	0.02	2.85	35
14370076	14370064	3.18	68 3-	1/0 ACSR 6/1	1185	1081	901	173	420	18	8	0.01	2.87	17
14370077	14370076	3.22	66 3-	1/0 ACSR 6/1	1177	1074	894	172	408	17	8	0.01	2.88	13
14370066	14370077	3.25	64 3-	1/0 ACSR 6/1	1173	1069	890	172	405	17	8	0.00	2.89	7
14370067	14370066	3.28	63 3-	1/0 ACSR 6/1	1165	1062	884	172	394	17	8	0.01	2.90	12
D14-37-P082	14370067	3.28	62 3-	REC-50-L	1165	1062	884	172	384	16	34	0.00	2.90	0
14370068	D14-37-P082	3.33	62 3-	1/0 ACSR 6/1	1156	1053	877	172	384	16	7	0.01	2.91	13
14370069	14370068	3.37	61 3-	1/0 ACSR 6/1	1149	1046	871	172	375	16	7	0.01	2.92	10
14370070	14370069	3.41	60 3-	1/0 ACSR 6/1	1141	1039	864	171	360	15	7	0.01	2.93	11
14370071	14370070	3.45	59 3-	1/0 ACSR 6/1	1134	1032	858	171	354	15	7	0.01	2.94	9
14370072	14370071	3.64	56 3-	1/0 ACSR 6/1	1099	998	830	170	339	14	7	0.03	2.98	44
14370073	14370072	3.72	3 1-	2 ACSR 6/1	0	0	817	170	10	1	1	0.00	5.92	0
14370074	14370073	3.76	2 1-	2 ACSR 6/1	0	0	810	169	8	0	1	0.00	5.92	0
14370062	14370072	3.69	52 3-	1/0 ACSR 6/1	1089	989	822	170	323	14	6	0.01	2.99	11
14370063	14370062	3.78	52 3-	1/0 ACSR 6/1	1074	974	810	169	323	14	6	0.01	3.01	19
14370096	14370063	3.82	51 3-	1/0 ACSR 6/1	1068	968	805	169	314	13	6	0.01	3.02	7
14370075	14370096	3.88	42 3-	1/0 ACSR 6/1	1058	959	797	169	242	10	5	0.01	3.03	7
14470025	14370075	3.95	41 3-	1/0 ACSR 6/1	1046	947	787	169	232	10	4	0.01	3.04	8
14470040	14470025	4.07	1 1-	2 ACSR 6/1	0	0	769	168	9	1	1	0.00	6.15	0
14470041	14470040	4.19	0 1-	2 ACSR 6/1	0	0	752	167	0	0	0	0.00	6.15	0
14470026	14470025	4.05	1 1-	2 ACSR 6/1	0	0	772	168	11	1	1	0.00	6.15	0
14470024	14470025	4.24	38 1-	2 ACSR 6/1	0	0	745	167	210	27	16	0.23	6.39	40
14360050	14470024	4.44	36 1-	2 ACSR 6/1	0	0	718	165	202	26	15	0.15	6.53	24
14360051	14360050	4.53	35 1-	2 ACSR 6/1	0	0	706	165	198	26	15	0.07	6.61	12
14360052	14360051	4.72	1 1-	2 ACSR 6/1	0	0	683	163	2	0	0	0.00	6.61	0
14360053	14360051	4.57	19 1-	2 ACSR 6/1	0	0	702	164	128	17	9	0.02	6.62	2
14360062	14360053	4.63	17 1-	2 ACSR 6/1	0	0	694	164	119	15	9	0.03	6.65	3
14360064	14360062	4.72	11 1-	2 ACSR 6/1	0	0	683	163	59	7	4	0.02	6.67	0
14360075	14360064	4.76	4 1-	2 ACSR 6/1	0	0	678	163	6	0	0	0.00	6.67	0
14360076	14360075	5.11	3 1-	2 ACSR 6/1	0	0	640	161	5	0	0	0.00	6.67	0
14360078	14360076	5.14	2 1-	2 ACSR 6/1	0	0	636	161	2	0	0	0.00	6.67	0
14360077	14360076	5.20	0 1-	2 ACSR 6/1	0	0	630	160	0	0	0	0.00	6.67	0
14-36-P008-A	14360077	5.20	0 1-	Open	0	0	630	160	0	0	0	0.00	6.67	0
14360061	14360064	4.79	2 1-	2 ACSR 6/1	0	0	675	163	19	2	1	0.00	6.67	0
14360060	14360064	4.77	3 1-	2 ACSR 6/1	0	0	678	163	20	2	1	0.00	6.67	0
14360066	14360060	4.80	1 1-	2 ACSR 6/1	0	0	673	163	8	1	1	0.00	6.67	0
14360063	14360062	4.68	5 1-	2 ACSR 6/1	0	0	688	164	52	6	4	0.01	6.66	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14360072	14360063	4.75	4 1-	2 ACSR 6/1	0	0	680	163	42	5	3	0.01	6.67	0
14360074	14360072	4.81	1 1-	2 ACSR 6/1	0	0	673	163	10	1	1	0.00	6.67	0
14360071	14360074	4.87	1 1-	2 ACSR 6/1	0	0	666	162	10	1	1	0.00	6.67	0
14360073	14360072	4.80	2 1-	2 ACSR 6/1	0	0	674	163	19	2	1	0.00	6.67	0
14360036	14360051	4.64	15 1-	2 ACSR 6/1	0	0	693	164	67	8	5	0.02	6.63	1
14360054	14360036	4.76	13 1-	2 ACSR 6/1	0	0	679	163	51	6	4	0.02	6.65	0
14360068	14360054	4.84	6 1-	2 ACSR 6/1	0	0	670	163	26	3	2	0.01	6.66	0
14360070	14360068	4.93	3 1-	2 ACSR 6/1	0	0	659	162	12	1	1	0.00	6.66	0
14360067	14360070	5.00	2 1-	2 ACSR 6/1	0	0	652	162	7	0	0	0.00	6.66	0
14360065	14360067	5.09	1 1-	2 ACSR 6/1	0	0	642	161	4	0	0	0.00	6.66	0
14360069	14360068	4.91	1 1-	2 ACSR 6/1	0	0	661	162	6	0	0	0.00	6.66	0
14360057	14360054	4.78	5 1-	2 ACSR 6/1	0	0	676	163	18	2	1	0.00	6.65	0
14360058	14360057	4.83	3 1-	2 ACSR 6/1	0	0	671	163	11	1	1	0.00	6.65	0
14360086	14360058	4.84	2 1-	2 ACSR 6/1	0	0	669	163	10	1	1	0.00	6.65	0
14360059	14360058	4.89	1 1-	2 ACSR 6/1	0	0	664	162	1	0	0	0.00	6.65	0
14360035	14470024	4.34	2 1-	2 ACSR 6/1	0	0	731	166	8	1	1	0.00	6.39	0
14460078	14360035	4.39	1 1-	2 ACSR 6/1	0	0	725	166	3	0	0	0.00	6.39	0
14460079	14460078	4.44	1 1-	2 ACSR 6/1	0	0	718	165	3	0	0	0.00	6.39	0
14370084	14370096	3.95	8 1-	2 ACSR 6/1	0	0	784	168	62	8	5	0.03	6.10	1
14370079	14370084	4.00	7 1-	2 ACSR 6/1	0	0	777	168	51	6	4	0.01	6.11	0
14370082	14370079	4.03	6 1-	2 ACSR 6/1	0	0	772	168	43	5	3	0.00	6.11	0
14370083	14370082	4.12	3 1-	2 ACSR 6/1	0	0	759	167	19	2	1	0.01	6.12	0
14370080	14370083	4.19	2 1-	2 ACSR 6/1	0	0	749	167	13	1	1	0.00	6.12	0
14370078	14370067	3.32	1 1-	2 ACSR 6/1	0	0	877	172	10	1	1	0.00	5.60	0
14370065	14370064	3.17	2 1-	2 ACSR 6/1	0	0	902	173	19	2	1	0.00	5.44	0
14370060	14370061	3.15	121 3-	4/0 ACSR 6/1	1214	1109	925	173	721	31	9	0.02	2.86	14
14370048	14370060	3.28	113 3-	4/0 ACSR 6/1	1232	1126	941	174	690	29	9	0.02	2.89	17
D14-37-P045	14370048	3.28	1 1-	FUS-40	0	0	962	174	8	1	3	0.00	0.90	0
14370124	D14-37-P045	3.34	1 1-	2 ACSR 6/1	0	0	949	174	8	1	1	0.00	0.90	0
14370047	14370124	3.38	1 1-	2 ACSR 6/1	0	0	940	173	8	1	1	0.00	0.90	0
14370043	14370124	3.41	0 1-	2 ACSR 6/1	0	0	933	173	0	0	0	0.00	0.90	0
14370042	14370048	3.35	111 3-	4/0 ACSR 6/1	1255	1148	962	174	680	29	9	0.01	2.91	9
14370109	14370042	3.49	1 1-	2 ACSR 6/1	0	0	943	173	9	1	1	0.00	0.92	0
14370098	14370042	3.46	38 3-	4/0 ACSR 6/1	1267	1160	973	174	242	10	3	0.02	2.92	3
14370129	14370098	3.56	38 3-	4/0 ACSR 6/1	1288	1179	992	175	242	10	3	0.02	2.93	3
14370091	14370129	3.60	37 3-	4/0 ACSR 6/1	1305	1196	1009	175	236	10	3	0.01	2.93	0
14370090	14370091	3.64	33 3-	4/0 ACSR 6/1	1314	1204	1016	175	211	9	3	0.01	2.93	0
14370088	14370090	3.68	4 1-	2 ACSR 6/1	0	0	1015	175	25	3	2	0.00	2.47	0
14370089	14370088	3.71	2 1-	2 ACSR 6/1	0	0	1007	175	16	2	1	0.00	2.47	0
14370087	14370090	3.71	27 3-	4/0 ACSR 6/1	1322	1212	1024	175	172	7	2	0.01	2.94	0
14370086	14370087	3.77	24 3-	4/0 ACSR 6/1	1337	1226	1038	175	150	6	2	0.01	2.94	0
14370094	14370086	3.84	14 3-	4/0 ACSR 6/1	1348	1238	1049	176	99	4	1	0.01	2.94	0
14370095	14370094	3.90	11 3-	4/0 ACSR 6/1	1362	1250	1062	176	69	3	1	0.00	2.94	0
14470046	14370095	4.01	11 3-	4/0 ACSR 6/1	1375	1263	1074	176	69	3	1	0.01	2.95	0
14470045	14470046	4.10	10 3-	4/0 ACSR 6/1	1399	1286	1097	176	68	2	1	0.01	2.95	0
D14-47-P132	14470045	4.10	5 1-	FUS-40	0	0	1117	177	26	3	9	0.00	2.51	0
14470067	D14-47-P132	4.12	5 1-	2 ACSR 6/1	0	0	1112	177	26	3	2	0.00	2.51	0
14480119	14470067	4.14	4 1-	2 ACSR 6/1	0	0	1107	177	21	2	2	0.00	2.51	0
14480118	14480119	4.16	2 1-	2 ACSR 6/1	0	0	1100	176	11	1	1	0.00	2.51	0
14480115	14470045	4.18	2 3-	4/0 ACSR 6/1	1419	1306	1117	177	24	1	0	0.00	2.95	0
14480114	14480115	4.30	1 3-	4/0 ACSR 6/1	1436	1322	1134	177	8	0	0	0.00	2.95	0
14-48-P050-A	14480114	4.30	0 3-	Open	1465	1351	1163	177	0	0	0	0.00	2.95	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14370093	14370094	3.89	2 1-	2 ACSR 6/1	0	0	1049	176	21	2	2	0.00	5.45	0
14370050	14370086	3.83	8 3-	4/0 ACSR 6/1	1338	1227	1039	175	46	2	1	0.00	2.94	0
14370051	14370050	3.85	7 1-	2 ACSR 6/1	0	0	1034	175	38	4	3	0.00	2.49	0
D14-37-P052	14370051	3.85	3 1-	FUS-40	0	0	1034	175	17	2	6	0.00	2.49	0
14370126	D14-37-P052	3.98	3 1-	2 ACSR 6/1	0	0	1000	174	17	2	1	0.01	2.50	0
14470044	14370126	4.17	2 1-	2 ACSR 6/1	0	0	957	173	10	1	1	0.01	2.50	0
14470035	14470044	4.32	1 1-	2 ACSR 6/1	0	0	922	172	9	1	1	0.00	2.51	0
14370092	14370051	3.88	3 1-	2 ACSR 6/1	0	0	1025	175	13	1	1	0.00	2.49	0
14370097	14370129	3.63	1 1-	2 ACSR 6/1	0	0	991	174	6	0	0	0.00	0.91	0
14370040	14370042	3.37	72 3-	1/0 ACSR 6/1	1262	1155	969	174	429	18	8	0.00	2.91	3
D14-37-P019	14370040	3.37	72 3-	REC-70-4H	1262	1155	969	174	429	18	26	0.00	2.91	0
14370045	D14-37-P019	3.43	72 3-	1/0 ACSR 6/1	1249	1142	958	174	429	18	8	0.01	2.93	8
14370100	14370045	3.51	69 3-	1/0 ACSR 6/1	1231	1125	943	173	415	17	8	0.01	2.95	10
14370113	14370100	3.61	2 1-	2 ACSR 6/1	0	0	921	173	3	0	0	0.00	5.42	0
14370101	14370100	3.60	66 3-	1/0 ACSR 6/1	1212	1106	927	173	409	17	8	0.01	2.98	12
14370103	14370101	3.63	2 1-	2 ACSR 6/1	0	0	921	173	15	1	1	0.00	2.42	0
14370111	14370103	3.75	1 1-	2 ACSR 6/1	0	0	896	172	6	0	0	0.00	2.42	0
14370104	14370103	3.67	1 1-	2 ACSR 6/1	0	0	911	172	9	1	1	0.00	2.42	0
14370102	14370101	3.70	63 3-	1/0 ACSR 6/1	1191	1086	909	172	391	16	7	0.00	3.00	13
14370127	14370102	3.73	2 1-	2 ACSR 6/1	0	0	903	172	17	2	1	0.00	2.43	0
14370128	14370127	3.86	1 1-	2 ACSR 6/1	0	0	878	171	11	1	1	0.00	2.43	0
14370041	14370102	3.76	61 3-	1/0 ACSR 6/1	1178	1073	898	172	374	15	7	0.00	3.02	8
14370106	14370041	3.78	59 3-	1/0 ACSR 6/1	1173	1069	895	172	362	15	7	0.00	3.03	3
14370107	14370106	3.80	57 3-	1/0 ACSR 6/1	1170	1066	892	172	337	14	6	0.00	3.03	2
14370108	14370107	3.85	2 1-	2 ACSR 6/1	0	0	882	172	17	2	1	0.00	2.43	0
14370112	14370108	3.92	1 1-	2 ACSR 6/1	0	0	869	171	6	0	0	0.00	2.43	0
14370055	14370107	4.10	55 3-	1/0 ACSR 6/1	1113	1011	845	170	320	13	6	-0.02	3.09	35
14380047	14370055	4.15	12 1-	2 ACSR 6/1	0	0	836	170	67	8	5	0.01	2.41	0
14380049	14380047	4.19	1 1-	2 ACSR 6/1	0	0	828	170	1	0	0	0.00	2.41	0
14380048	14380047	4.19	9 1-	2 ACSR 6/1	0	0	829	170	56	7	4	0.01	2.42	0
14380051	14380048	4.24	2 1-	2 ACSR 6/1	0	0	820	169	17	2	1	0.00	2.42	0
14380052	14380051	4.29	0 1-	2 ACSR 6/1	0	0	813	169	0	0	0	0.00	2.42	0
14380017	14380048	4.27	7 1-	2 ACSR 6/1	0	0	816	169	39	4	3	0.01	2.43	0
14380060	14380017	4.52	6 1-	2 ACSR 6/1	0	0	776	167	36	4	3	0.03	2.46	0
14270036	14380060	4.55	5 1-	2 ACSR 6/1	0	0	771	167	34	4	2	0.00	2.47	0
14270059	14270036	4.60	1 1-	2 ACSR 6/1	0	0	764	167	2	0	0	0.00	2.47	0
14270035	14270036	4.66	4 1-	2 ACSR 6/1	0	0	756	167	32	4	2	0.01	2.48	0
14270034	14270035	4.67	3 1-	2 ACSR 6/1	0	0	754	166	31	4	2	0.00	2.48	0
14270051	14270034	4.77	2 1-	2 ACSR 6/1	0	0	740	166	20	2	1	0.00	2.49	0
14280020	14270051	4.82	1 1-	2 ACSR 6/1	0	0	732	165	7	0	1	0.00	2.49	0
14270050	14270034	4.73	1 1-	2 ACSR 6/1	0	0	746	166	12	1	1	0.00	2.48	0
14380050	14380017	4.30	1 1-	2 ACSR 6/1	0	0	810	169	3	0	0	0.00	2.43	0
14380040	14370055	4.40	42 1-	2 ACSR 6/1	0	0	795	168	248	31	18	0.28	1.68	54
14380053	14380040	4.52	3 1-	2 ACSR 6/1	0	0	776	167	20	2	1	0.01	1.69	0
14380054	14380053	4.64	1 1-	2 ACSR 6/1	0	0	759	167	10	1	1	0.00	1.69	0
14380018	14380040	4.69	39 1-	2 ACSR 6/1	0	0	752	166	228	29	16	0.24	1.92	43
14380070	14380018	4.79	25 1-	2 ACSR 6/1	0	0	738	166	157	20	11	0.06	1.98	7
14380071	14380070	4.91	25 1-	2 ACSR 6/1	0	0	721	165	157	20	11	0.07	2.05	8
14380033	14380071	4.95	24 1-	2 ACSR 6/1	0	0	715	165	149	19	11	0.02	2.07	3
14380034	14380033	4.99	20 1-	2 ACSR 6/1	0	0	710	164	125	16	9	0.02	2.09	2
14380035	14380034	5.03	19 1-	2 ACSR 6/1	0	0	706	164	113	14	8	0.01	2.10	1
14380036	14380035	5.08	15 1-	2 ACSR 6/1	0	0	699	164	101	12	7	0.02	2.12	1

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14380037	14380036	5.11	12 1-	2 ACSR 6/1	0	0	695	163	82	10	6	0.01	2.13	0
14380032	14380037	5.14	12 1-	2 ACSR 6/1	0	0	692	163	82	10	6	0.01	2.14	0
14380045	14380032	5.27	9 1-	2 ACSR 6/1	0	0	676	162	65	8	5	0.03	2.17	1
14380046	14380045	5.30	8 1-	2 ACSR 6/1	0	0	672	162	55	7	4	0.01	2.17	0
14380039	14380046	5.32	7 1-	2 ACSR 6/1	0	0	670	162	49	6	3	0.00	2.18	0
14380044	14380039	5.35	2 1-	2 ACSR 6/1	0	0	667	162	16	2	1	0.00	2.18	0
14380042	14380039	5.35	4 1-	2 ACSR 6/1	0	0	667	162	28	3	2	0.00	2.18	0
14380043	14380042	5.38	3 1-	2 ACSR 6/1	0	0	663	162	18	2	1	0.00	2.18	0
14380038	14380032	5.17	2 1-	2 ACSR 6/1	0	0	688	163	8	1	1	0.00	2.14	0
14380072	14380038	5.21	1 1-	2 ACSR 6/1	0	0	683	163	1	0	0	0.00	2.14	0
14380074	14380072	5.32	0 1-	2 ACSR 6/1	0	0	671	162	0	0	0	0.00	2.14	0
14380073	14380072	5.24	0 1-	2 ACSR 6/1	0	0	680	163	0	0	0	0.00	2.14	0
14380031	14380033	5.01	2 1-	2 ACSR 6/1	0	0	708	164	14	1	1	0.00	2.08	0
14380075	14380018	4.75	12 1-	2 ACSR 6/1	0	0	742	166	58	7	4	0.01	1.94	0
14380076	14380075	4.83	11 1-	2 ACSR 6/1	0	0	732	165	52	6	4	0.01	1.95	0
14380077	14380076	4.92	10 1-	2 ACSR 6/1	0	0	719	165	39	5	3	0.01	1.96	0
14380041	14380077	4.99	2 1-	2 ACSR 6/1	0	0	711	164	11	1	1	0.00	1.97	0
14380057	14380077	5.00	8 1-	2 ACSR 6/1	0	0	709	164	28	3	2	0.01	1.97	0
14380058	14380057	5.03	7 1-	2 ACSR 6/1	0	0	705	164	26	3	2	0.00	1.97	0
14380059	14380058	5.21	6 1-	2 ACSR 6/1	0	0	683	163	20	2	1	0.01	1.99	0
14380056	14380059	5.43	4 1-	2 ACSR 6/1	0	0	658	161	13	1	1	0.01	1.99	0
14390020	14380056	5.49	3 1-	2 ACSR 6/1	0	0	651	161	8	1	1	0.00	2.00	0
14390021	14390020	5.77	2 1-	2 ACSR 6/1	0	0	621	159	7	0	0	0.00	2.00	0
14390018	14390021	5.87	0 1-	2 ACSR 6/1	0	0	612	159	0	0	0	0.00	2.00	0
14390022	14390018	5.99	0 1-	2 ACSR 6/1	0	0	600	158	0	0	0	0.00	2.00	0
14380055	14380059	5.28	1 1-	2 ACSR 6/1	0	0	675	162	4	0	0	0.00	1.99	0
14380078	14380076	4.89	1 1-	2 ACSR 6/1	0	0	723	165	13	1	1	0.00	1.95	0
14380027	14380018	4.75	2 1-	2 ACSR 6/1	0	0	743	166	13	1	1	0.00	1.92	0
14380028	14380027	4.86	1 1-	2 ACSR 6/1	0	0	727	165	1	0	0	0.00	1.93	0
14380030	14380028	4.97	0 1-	2 ACSR 6/1	0	0	713	164	0	0	0	0.00	1.93	0
14380029	14380028	4.94	1 1-	2 ACSR 6/1	0	0	716	165	1	0	0	0.00	1.93	0
14370105	14370041	3.85	2 1-	2 ACSR 6/1	0	0	881	171	12	1	1	0.00	5.45	0
14370099	14370045	3.47	3 1-	2 ACSR 6/1	0	0	948	174	14	1	1	0.00	2.41	0
14370039	14370059	2.71	0 1-	2 ACSR 6/1	0	0	865	172	0	0	0	0.00	2.20	0
14260078	14160114	1.66	1 1-	2 ACSR 6/1	0	0	2124	184	4	0	0	0.00	0.84	0
14160073	14160061	1.52	2 1-	2 ACSR 6/1	0	0	2238	184	5	0	0	0.00	0.82	0
14160074	14160073	1.59	1 1-	2 ACSR 6/1	0	0	2151	184	2	0	0	0.00	0.82	0
14160067	14160065	1.19	4 1-	2 ACSR 6/1	0	0	2558	185	46	5	3	0.01	0.78	0
14160072	14160067	1.25	1 1-	2 ACSR 6/1	0	0	2468	185	10	1	1	0.00	0.78	0
14160063	14170015	1.02	1 1-	2 ACSR 6/1	0	0	2787	186	2	0	0	0.00	1.15	0
14170009	14170011	0.79	1 1-	2 ACSR 6/1	0	0	3114	187	4	0	0	0.00	0.54	0
14170013	14170009	0.87	1 1-	2 ACSR 6/1	0	0	2945	186	4	0	0	0.00	0.54	0
14170014	14170013	0.91	0 1-	2 ACSR 6/1	0	0	2858	186	0	0	0	0.00	0.54	0
14070034	14070033	0.29	2 1-	2 ACSR 6/1	0	0	4257	188	3	0	0	0.00	0.26	0

CKT 2 total losses: \$15,041

SUB 26, CKT 3

BK2603	CMBRLDFALLS(26)	0.00	512 3-	BK2603	4996	5043	5443	190	4182	175	84	0.00	0.00	0
OH8	BK2603	0.04	512 3-	336 ACSR 18/1	4917	4946	5294	190	4182	175	33	0.04	0.04	108
OH9	OH8	0.07	512 3-	336 ACSR 18/1	4853	4868	5176	190	4181	175	33	0.03	0.07	90
OH10	OH9	0.13	512 3-	336 ACSR 18/1	4731	4722	4958	189	4180	175	33	0.07	0.13	177

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	L/DROP	TOTAL DROP	LINE LOSS
	OH12	0.24	512 3-	336 ACSR 18/1	4537	4491	4625	189	4177	175	33	0.05	0.23	129
	OH13	0.36	511 3-	336 ACSR 18/1	4337	4259	4299	189	3858	161	31	0.12	0.33	289
	OH14	0.40	511 3-	336 ACSR 18/1	4271	4183	4197	189	3855	161	31	0.04	0.37	100
	OH15	0.44	511 3-	336 ACSR 18/1	4207	4111	4098	189	3855	161	31	0.04	0.41	101
	OH16	0.52	511 3-	336 ACSR 18/1	4094	3983	3928	189	3854	161	31	0.07	0.47	186
	OH17	0.59	511 3-	336 ACSR 18/1	3994	3872	3782	188	3852	161	31	0.07	0.53	173
	OH18	0.64	511 3-	336 ACSR 18/1	3922	3791	3678	188	3850	161	31	0.05	0.58	131
	OH19	0.69	511 3-	336 ACSR 18/1	3854	3717	3583	188	3849	161	31	0.05	0.62	126
	OH20	0.78	511 3-	336 ACSR 18/1	3745	3598	3433	188	3848	161	31	0.08	0.70	213
	OH21	0.84	511 3-	336 ACSR 18/1	3678	3526	3343	188	3846	161	31	0.05	0.75	136
	OH22	1.27	511 3-	336 ACSR 18/1	3234	3057	2783	187	3845	161	31	0.41	1.11	1048
8880109	OH22	1.32	511 3-	336 ACSR 18/1	3186	3007	2726	187	3835	161	31	0.05	1.16	131
8880078	8880109	1.38	2 1-	2 ACSR 6/1	0	0	2634	186	9	1	1	0.00	0.67	0
CAP24	8880109	1.32	509 3-	Capacitor	3186	3007	2726	187	3825	161	0	0.00	1.16	0
8880057	CAP24	1.46	509 3-	1/0 ACSR 6/1	3012	2830	2543	186	3825	162	71	0.34	1.50	1041
D08-88-P004	8880057	1.46	30 1-	REC-35-L	0	0	2543	186	163	20	59	0.00	1.93	0
8880079	D08-88-P004	1.51	30 1-	2 ACSR 6/1	0	0	2472	186	163	20	12	0.03	1.96	3
8880092	8880079	1.57	21 1-	2 ACSR 6/1	0	0	2389	185	99	12	7	0.02	1.98	2
8880093	8880092	1.61	1 1-	2 ACSR 6/1	0	0	2331	185	6	0	0	0.00	1.98	0
8880200	8880093	1.72	1 1-	2 ACSR 6/1	0	0	2207	184	6	0	0	0.00	1.98	0
8880094	8880092	1.63	17 1-	2 ACSR 6/1	0	0	2309	185	80	10	6	0.02	1.99	0
8880116	8880094	1.67	14 1-	2 ACSR 6/1	0	0	2261	184	62	7	4	0.01	2.00	0
8880117	8880116	1.73	11 1-	2 ACSR 6/1	0	0	2195	184	50	6	4	0.01	2.01	0
8880118	8880117	1.75	5 1-	2 ACSR 6/1	0	0	2171	184	29	3	2	0.00	2.01	0
8880119	8880118	1.77	3 1-	2 ACSR 6/1	0	0	2148	184	22	2	2	0.00	2.01	0
8880192	8880119	1.86	1 1-	2 ACSR 6/1	0	0	2055	183	9	1	1	0.00	2.01	0
8880120	8880117	1.90	1 1-	2 ACSR 6/1	0	0	2012	183	5	0	0	0.00	2.01	0
8880090	8880079	1.57	5 1-	2 ACSR 6/1	0	0	2384	185	42	5	3	0.01	1.96	0
8880091	8880090	1.62	2 1-	2 ACSR 6/1	0	0	2322	185	19	2	1	0.00	1.97	0
8880161	8880057	1.57	477 3-	1/0 ACSR 6/1	2878	2693	2404	185	3634	154	67	0.27	1.77	787
D08-88-P002	8880161	1.57	475 3-	ER3-RE-200/120-	2878	2693	2404	185	3620	154	134	0.00	1.77	0
8880153	D08-88-P002	1.66	475 3-	1/0 ACSR 6/1	2782	2596	2307	185	3620	154	67	0.21	1.98	601
8880121	8880153	1.79	473 3-	1/0 ACSR 6/1	2645	2458	2172	184	3610	154	67	0.32	2.30	919
D08-87-P234	8880121	1.79	12 1-	FUS-50	0	0	2172	184	106	13	29	0.00	1.62	0
8870234	D08-87-P234	1.87	12 1-	2 ACSR 6/1	0	0	2089	184	106	13	7	0.03	1.64	2
8970034	8870234	1.97	2 1-	2 ACSR 6/1	0	0	1996	183	25	3	2	0.00	1.65	0
8970033	8870234	1.97	4 1-	2 ACSR 6/1	0	0	1989	183	35	4	2	0.01	1.65	0
8970029	8970033	2.10	2 1-	2 ACSR 6/1	0	0	1874	182	19	2	1	0.00	1.66	0
8870198	8970029	2.20	0 1-	2 ACSR 6/1	0	0	1791	181	0	0	0	0.00	1.66	0
8970017	8970033	2.25	1 1-	2 ACSR 6/1	0	0	1751	181	6	0	0	0.01	1.66	0
8970016	8970017	2.29	0 1-	2 ACSR 6/1	0	0	1723	181	0	0	0	0.00	1.66	0
8970019	8970017	2.42	1 1-	2 ACSR 6/1	0	0	1630	180	6	0	0	0.00	1.66	0
8970040	8970019	2.59	0 1-	1/0 ACSR 6/1	0	0	1541	179	0	0	0	0.00	1.66	0
8970032	8870234	1.92	5 1-	2 ACSR 6/1	0	0	2038	183	46	5	3	0.01	1.65	0
8870197	8970032	1.96	4 1-	2 ACSR 6/1	0	0	2001	183	39	4	3	0.00	1.66	0
8870196	8870197	2.01	3 1-	2 ACSR 6/1	0	0	1958	183	28	3	2	0.00	1.66	0
8870268	8870196	2.03	1 1-	2 ACSR 6/1	0	0	1936	182	9	1	1	0.00	1.66	0
8870194	8880121	1.84	461 3-	1/0 ACSR 6/1	2604	2417	2133	184	3496	149	65	0.10	2.40	271
8870195	8870194	1.89	458 3-	1/0 ACSR 6/1	2552	2365	2082	184	3475	148	65	0.14	2.53	360
8870193	8870195	1.96	455 3-	1/0 ACSR 6/1	2493	2307	2026	183	3448	147	64	0.16	2.68	413
8870214	8870193	1.99	453 3-	1/0 ACSR 6/1	2464	2278	1998	183	3440	147	64	0.08	2.75	211
8870215	8870214	2.06	452 3-	1/0 ACSR 6/1	2409	2224	1947	183	3432	147	64	0.16	2.90	406

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8870218	8870215	2.10	451 3-	1/0 ACSR 6/1	2370	2185	1910	183	3425	147	64	0.12	3.01	303
8870221	8870218	2.19	1 1-	2 ACSR 6/1	0	0	1835	182	9	1	1	0.00	3.22	0
8870219	8870218	2.14	449 3-	1/0 ACSR 6/1	2342	2157	1884	183	3410	146	64	0.09	3.09	219
8870108	8870219	2.20	448 3-	1/0 ACSR 6/1	2293	2109	1839	182	3399	146	64	0.15	3.23	393
8870107	8870108	2.22	447 3-	1/0 ACSR 6/1	2277	2093	1824	182	3382	145	63	0.05	3.28	135
8870223	8870107	2.31	446 3-	1/0 ACSR 6/1	2216	2034	1769	182	3373	145	63	0.20	3.47	506
D08-87-P031	8870223	2.31	25 1-	FUS-50	0	0	1769	182	168	21	47	0.00	3.71	0
8870227	D08-87-P031	2.41	25 1-	2 ACSR 6/1	0	0	1692	181	168	21	12	0.06	3.77	8
8870231	8870227	2.47	5 1-	2 ACSR 6/1	0	0	1651	180	34	4	2	0.01	3.78	0
8870232	8870231	2.51	4 1-	2 ACSR 6/1	0	0	1622	180	24	3	2	0.00	3.78	0
8870228	8870227	2.47	2 1-	2 ACSR 6/1	0	0	1650	180	15	1	1	0.00	3.77	0
8870226	8870227	2.43	17 1-	2 ACSR 6/1	0	0	1677	181	112	14	8	0.01	3.78	0
8870233	8870226	2.49	13 1-	2 ACSR 6/1	0	0	1636	180	81	10	6	0.02	3.80	1
8870236	8870233	2.55	1 1-	2 ACSR 6/1	0	0	1598	180	6	0	0	0.00	3.80	0
8870237	8870236	2.61	1 1-	2 ACSR 6/1	0	0	1563	179	6	0	0	0.00	3.80	0
8870235	8870233	2.57	11 1-	2 ACSR 6/1	0	0	1587	180	69	8	5	0.02	3.82	0
8870242	8870235	2.77	6 1-	2 ACSR 6/1	0	0	1468	178	36	4	3	0.02	3.84	0
8870199	8870242	2.90	3 1-	2 ACSR 6/1	0	0	1401	177	22	2	2	0.01	3.84	0
8870279	8870199	2.94	2 1-	2 ACSR 6/1	0	0	1382	177	12	1	1	0.00	3.85	0
8870239	8870235	2.60	4 1-	2 ACSR 6/1	0	0	1570	179	24	3	2	0.00	3.82	0
8870240	8870239	2.63	3 1-	2 ACSR 6/1	0	0	1547	179	18	2	1	0.00	3.82	0
8870241	8870240	2.68	2 1-	2 ACSR 6/1	0	0	1519	179	17	2	1	0.00	3.82	0
8870238	8870235	2.59	1 1-	2 ACSR 6/1	0	0	1574	179	9	1	1	0.00	3.82	0
8870229	8870226	2.50	4 1-	2 ACSR 6/1	0	0	1633	180	32	4	2	0.01	3.79	0
8870230	8870229	2.51	1 1-	2 ACSR 6/1	0	0	1622	180	13	1	1	0.00	3.79	0
8870224	8870223	2.37	419 3-	1/0 ACSR 6/1	2171	1990	1728	181	3182	137	60	0.13	3.61	359
8870243	8870224	2.45	416 3-	1/0 ACSR 6/1	2120	1940	1682	181	3150	136	59	0.15	3.77	410
8870244	8870243	2.49	7 1-	2 ACSR 6/1	0	0	1651	181	50	6	4	0.01	2.80	0
8870245	8870244	2.51	6 1-	2 ACSR 6/1	0	0	1641	180	48	6	3	0.00	2.80	0
8870171	8870245	2.53	5 1-	2 ACSR 6/1	0	0	1623	180	41	5	3	0.00	2.81	0
8870173	8870171	2.68	4 1-	2 ACSR 6/1	0	0	1534	179	37	4	3	0.02	2.82	0
8870174	8870173	2.73	3 1-	2 ACSR 6/1	0	0	1505	179	24	3	2	0.00	2.82	0
8870175	8870174	2.77	1 1-	2 ACSR 6/1	0	0	1484	178	10	1	1	0.00	2.82	0
8870176	8870175	2.86	0 1-	2 ACSR 6/1	0	0	1431	178	0	0	0	0.00	2.82	0
8870172	8870171	2.56	1 1-	2 ACSR 6/1	0	0	1604	180	4	0	0	0.00	2.81	0
8870200	8870243	2.49	59 3-	2 ACSR 6/1	2093	1914	1658	181	501	21	12	0.02	3.79	15
0CD30	8870200	2.49	58 3-	REC-50-L	0	0	0	0	493	21	43	0.00	3.79	0
8870201	0CD30	2.52	58 3-	2 ACSR 6/1	2076	1897	1642	181	493	21	12	0.01	3.80	9
8870202	8870201	2.61	57 3-	2 ACSR 6/1	2018	1841	1591	180	489	21	12	0.03	3.85	32
8870113	8870202	2.75	55 3-	2 ACSR 6/1	1936	1762	1519	179	484	20	12	0.05	3.91	48
8870115	8870113	2.80	3 1-	2 ACSR 6/1	0	0	1492	179	33	4	2	0.00	4.11	0
8870116	8870115	2.86	2 1-	2 ACSR 6/1	0	0	1457	178	23	2	2	0.00	4.12	0
8870117	8870116	2.91	1 1-	2 ACSR 6/1	0	0	1433	178	9	1	1	0.00	4.12	0
8870114	8870113	2.78	52 3-	2 ACSR 6/1	1919	1746	1505	179	451	19	11	0.01	3.93	10
8870273	8870114	2.84	2 1-	2 ACSR 6/1	0	0	1476	179	21	2	2	0.00	4.12	0
8870276	8870273	3.01	1 1-	2 ACSR 6/1	0	0	1384	177	11	1	1	0.00	4.12	0
8870118	8870114	2.83	50 3-	2 ACSR 6/1	1896	1723	1484	179	430	18	10	0.01	3.95	14
8870112	8870118	2.86	48 3-	2 ACSR 6/1	1876	1704	1467	179	420	18	10	0.01	3.96	11
8870105	8870112	2.91	47 3-	2 ACSR 6/1	1854	1683	1448	179	411	17	10	0.01	3.98	12
8870106	8870105	2.98	46 3-	2 ACSR 6/1	1819	1650	1418	178	402	17	10	0.01	4.01	19
8870103	8870106	3.04	46 3-	2 ACSR 6/1	1789	1621	1393	178	402	17	10	0.01	4.03	17
8770019	8870103	3.07	3 1-	2 ACSR 6/1	0	0	1378	178	22	2	2	0.00	4.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8770025	8770019	3.10	3 1-	2 ACSR 6/1	0	0	1362	177	22	2	2	0.00	4.16	0
8770031	8770025	3.13	3 1-	2 ACSR 6/1	0	0	1350	177	22	2	2	0.00	4.16	0
8770036	8770031	3.16	2 1-	2 ACSR 6/1	0	0	1335	177	17	2	1	0.00	4.17	0
8770037	8770036	3.36	1 1-	2 ACSR 6/1	0	0	1250	175	5	0	0	0.00	4.17	0
8770026	8770037	3.41	0 1-	2 ACSR 6/1	0	0	1232	175	0	0	0	0.00	4.17	0
8770038	8770036	3.27	1 1-	2 ACSR 6/1	0	0	1288	176	12	1	1	0.00	4.17	0
8770016	8870103	3.10	41 3-	2 ACSR 6/1	1759	1593	1367	178	368	15	9	0.00	4.06	16
8870104	8770016	3.13	40 3-	2 ACSR 6/1	1746	1581	1356	177	354	15	9	0.00	4.07	6
8870184	8870104	3.48	33 3-	2 ACSR 6/1	0	0	1210	175	273	11	7	0.06	4.16	78
8880100	8870184	3.63	26 1-	2 ACSR 6/1	0	0	1155	174	227	29	17	0.13	5.75	24
8880180	8880100	3.66	2 1-	2 ACSR 6/1	0	0	1145	174	19	2	1	0.00	5.75	0
8880181	8880180	3.70	1 1-	2 ACSR 6/1	0	0	1132	173	9	1	1	0.00	5.75	0
8880113	8880100	3.73	24 1-	2 ACSR 6/1	0	0	1123	173	208	27	15	0.07	5.82	12
8880182	8880113	3.76	1 1-	2 ACSR 6/1	0	0	1111	173	14	1	1	0.00	5.82	0
8880114	8880113	3.80	21 1-	2 ACSR 6/1	0	0	1101	173	186	24	14	0.05	5.86	7
8880183	8880114	3.86	20 1-	2 ACSR 6/1	0	0	1081	172	182	23	13	0.04	5.91	6
8880184	8880183	3.90	19 1-	2 ACSR 6/1	0	0	1071	172	170	22	12	0.02	5.93	3
8880154	8880184	3.96	18 1-	2 ACSR 6/1	0	0	1053	171	158	20	12	0.03	5.96	4
8870278	8880154	3.99	17 1-	2 ACSR 6/1	0	0	1043	171	144	18	11	0.02	5.98	2
8870269	8870278	4.08	15 1-	2 ACSR 6/1	0	0	1019	171	134	17	10	0.04	6.02	5
8870288	8870269	4.13	1 1-	2 ACSR 6/1	0	0	1006	170	7	0	1	0.00	6.02	0
8870287	8870269	4.14	14 1-	2 ACSR 6/1	0	0	1002	170	127	16	9	0.03	6.05	3
8870270	8870287	4.20	13 1-	2 ACSR 6/1	0	0	986	170	120	15	9	0.03	6.08	3
8870277	8870270	4.25	1 1-	2 ACSR 6/1	0	0	974	169	10	1	1	0.00	6.08	0
8870282	8870270	4.25	11 1-	2 ACSR 6/1	0	0	973	169	98	12	7	0.02	6.09	1
8870283	8870282	4.29	10 1-	2 ACSR 6/1	0	0	964	169	90	11	7	0.01	6.10	0
8870248	8870283	4.32	7 1-	2 ACSR 6/1	0	0	957	169	62	8	5	0.01	6.11	0
8870249	8870248	4.35	2 1-	2 ACSR 6/1	0	0	949	169	13	1	1	0.00	6.11	0
8870250	8870248	4.37	3 1-	2 ACSR 6/1	0	0	945	169	30	3	2	0.00	6.11	0
8870251	8870250	4.41	2 1-	2 ACSR 6/1	0	0	936	168	21	2	2	0.00	6.12	0
8870192	8870251	4.44	1 1-	2 ACSR 6/1	0	0	928	168	10	1	1	0.00	6.12	0
8870247	8870283	4.34	1 1-	2 ACSR 6/1	0	0	953	169	13	1	1	0.00	6.10	0
8870246	8870270	4.24	1 1-	2 ACSR 6/1	0	0	977	169	12	1	1	0.00	6.08	0
8880115	8880114	3.82	1 1-	2 ACSR 6/1	0	0	1093	172	5	0	0	0.00	5.87	0
8880099	8870184	3.55	5 1-	2 ACSR 6/1	0	0	1186	174	41	5	3	0.01	5.63	0
8880177	8880099	3.58	1 1-	2 ACSR 6/1	0	0	1174	174	8	1	1	0.00	5.63	0
8880179	8880177	3.62	1 1-	15 KV 2 URD XLP	0	0	1160	393	8	1	1	0.00	5.63	0
8880178	8880177	3.67	0 1-	2 ACSR 6/1	0	0	1141	173	0	0	0	0.00	5.63	0
8880088	8880099	3.58	4 1-	2 ACSR 6/1	0	0	1172	174	33	4	2	0.00	5.64	0
8880089	8880088	3.77	3 1-	2 ACSR 6/1	0	0	1109	173	28	3	2	0.02	5.65	0
8880096	8880089	3.84	2 1-	2 ACSR 6/1	0	0	1088	172	21	2	2	0.00	5.66	0
8880097	8880096	4.20	1 1-	2 ACSR 6/1	0	0	986	170	13	1	1	0.02	5.67	0
8880098	8880097	4.25	1 1-	2 ACSR 6/1	0	0	975	169	13	1	1	0.00	5.67	0
8870119	8870104	3.17	7 1-	2 ACSR 6/1	0	0	1339	177	81	10	6	0.01	2.76	0
8870285	8870119	3.20	1 1-	2 ACSR 6/1	0	0	1326	177	9	1	1	0.00	2.76	0
8770034	8870285	3.24	1 1-	2 ACSR 6/1	0	0	1306	177	9	1	1	0.00	2.76	0
8770035	8770034	3.29	0 1-	2 ACSR 6/1	0	0	1284	176	0	0	0	0.00	2.76	0
8770033	8770034	3.26	1 1-	2 ACSR 6/1	0	0	1298	176	9	1	1	0.00	2.76	0
8870280	8870119	3.22	5 1-	2 ACSR 6/1	0	0	1313	177	58	7	4	0.01	2.77	0
8870281	8870280	3.29	4 1-	2 ACSR 6/1	0	0	1286	176	49	6	3	0.01	2.78	0
8880158	8870281	3.33	4 1-	2 ACSR 6/1	0	0	1270	176	49	6	3	0.01	2.79	0
8880159	8880158	3.36	3 1-	2 ACSR 6/1	0	0	1255	176	39	5	3	0.00	2.79	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
8880160	8880159	3.47	2 1-	2 ACSR 6/1	0	0	1215	175	25	3	2	0.01	2.80	0
8880156	8880160	3.49	1 1-	2 ACSR 6/1	0	0	1205	175	9	1	1	0.00	2.80	0
8880155	8880160	3.53	1 1-	2 ACSR 6/1	0	0	1193	174	16	2	1	0.00	2.80	0
8880157	8870281	3.31	0 1-	2 ACSR 6/1	0	0	1277	176	0	0	0	0.00	2.78	0
8870211	8870119	3.20	1 1-	2 ACSR 6/1	0	0	1325	177	13	1	1	0.00	2.76	0
8870177	8870243	2.51	348 3-	1/0 ACSR 6/1	2081	1902	1647	181	2588	112	49	0.11	3.87	217
8870178	8870177	2.57	347 3-	1/0 ACSR 6/1	2041	1863	1612	180	2578	111	49	0.11	3.98	230
8870205	8870178	2.63	1 1-	2 ACSR 6/1	0	0	1574	180	10	1	1	0.00	3.00	0
8870189	8870178	2.75	345 3-	1/0 ACSR 6/1	1939	1765	1522	179	2562	111	48	0.31	4.28	617
8870203	8870189	2.79	328 3-	1/0 ACSR 6/1	1916	1743	1502	179	2408	104	46	0.07	4.35	132
8870204	8870203	2.82	6 1-	2 ACSR 6/1	0	0	1486	179	20	2	1	0.00	3.38	0
8870185	8870204	2.93	5 1-	15 KV 2 URD XLP	0	0	1428	418	20	2	2	0.01	3.39	0
8870210	8870185	3.05	4 1-	15 KV 2 URD XLP	0	0	1372	411	19	2	1	0.01	3.39	0
8870284	8870210	3.14	1 1-	15 KV 2 URD XLP	0	0	1331	406	3	0	0	0.00	3.39	0
8870186	8870203	2.84	321 3-	1/0 ACSR 6/1	1887	1715	1477	179	2378	103	45	0.09	4.44	164
8870187	8870186	2.88	320 3-	1/0 ACSR 6/1	1868	1697	1460	179	2353	102	45	0.06	4.50	111
8870188	8870187	2.91	319 3-	1/0 ACSR 6/1	1853	1682	1447	179	2351	102	45	0.05	4.54	90
8870179	8870188	2.96	318 3-	1/0 ACSR 6/1	1828	1659	1426	178	2340	101	44	0.08	4.62	146
8870180	8870179	3.02	14 1-	2 ACSR 6/1	0	0	1396	178	144	18	10	0.03	5.32	3
8870181	8870180	3.09	13 1-	2 ACSR 6/1	0	0	1363	177	127	16	9	0.03	5.36	3
8870183	8870181	3.14	1 1-	2 ACSR 6/1	0	0	1336	177	13	1	1	0.00	5.36	0
8870182	8870181	3.13	1 1-	2 ACSR 6/1	0	0	1343	177	0	0	0	0.00	5.36	0
8870217	8870181	3.22	11 1-	2 ACSR 6/1	0	0	1305	176	114	14	8	0.05	5.41	5
8770027	8870217	3.25	10 1-	2 ACSR 6/1	0	0	1289	176	106	13	8	0.01	5.42	1
8770029	8770027	3.34	8 1-	2 ACSR 6/1	0	0	1254	175	91	11	7	0.02	5.44	2
8770030	8770029	3.37	1 1-	2 ACSR 6/1	0	0	1239	175	11	1	1	0.00	5.45	0
8770028	8770029	3.39	6 1-	2 ACSR 6/1	0	0	1234	175	61	7	4	0.01	5.45	0
8770021	8770028	3.44	1 1-	15 KV 2 URD XLP	0	0	1213	398	14	1	1	0.00	5.45	0
8770020	8770028	3.45	2 1-	2 ACSR 6/1	0	0	1212	175	16	2	1	0.00	5.46	0
8770022	8770020	3.49	2 1-	15 KV 2 URD XLP	0	0	1194	396	16	2	1	0.00	5.46	0
8870121	8870179	3.10	304 3-	1/0 ACSR 6/1	1761	1595	1369	178	2194	95	42	0.23	4.83	382
8870170	8870121	3.18	302 3-	1/0 ACSR 6/1	1721	1557	1335	177	2173	94	41	0.14	4.96	240
8870169	8870170	3.20	1 1-	2 ACSR 6/1	0	0	1329	177	60	8	5	0.00	5.26	0
8870168	8870170	3.25	301 3-	1/0 ACSR 6/1	1691	1528	1309	177	2111	92	40	0.10	5.06	173
D08-86-P020	8870168	3.25	11 1-	FUS	0	0	1309	177	49	6	145	0.00	5.35	0
8860064	D08-86-P020	3.35	11 1-	2 ACSR 6/1	0	0	1270	176	49	6	4	0.02	5.37	0
8860032	8860064	3.39	8 1-	2 ACSR 6/1	0	0	1254	176	36	4	3	0.00	5.37	0
8860034	8860032	3.41	5 1-	2 ACSR 6/1	0	0	1245	176	18	2	1	0.00	5.37	0
8860035	8860034	3.45	4 1-	2 ACSR 6/1	0	0	1230	175	8	1	1	0.00	5.38	0
8860037	8860035	3.54	1 1-	2 ACSR 6/1	0	0	1196	175	0	0	0	0.00	5.38	0
8860036	8860035	3.51	1 1-	2 ACSR 6/1	0	0	1207	175	0	0	0	0.00	5.38	0
8860033	8860032	3.43	1 1-	2 ACSR 6/1	0	0	1237	175	7	0	0	0.00	5.37	0
8860031	8860064	3.39	2 1-	2 ACSR 6/1	0	0	1253	176	6	0	0	0.00	5.37	0
8860040	8870168	3.28	286 3-	1/0 ACSR 6/1	1682	1519	1301	177	2045	89	39	0.03	5.09	54
8860039	8860040	3.37	283 3-	1/0 ACSR 6/1	1641	1481	1267	176	2019	88	38	0.13	5.22	226
8760081	8860039	3.45	279 3-	1/0 ACSR 6/1	1613	1454	1243	176	1991	87	38	0.09	5.32	161
8760082	8760081	3.49	278 3-	1/0 ACSR 6/1	1596	1438	1229	176	1981	86	38	0.06	5.38	98
8760083	8760082	3.70	277 3-	1/0 ACSR 6/1	1519	1366	1165	175	1971	86	38	0.28	5.66	471
8760084	8760083	3.75	3 1-	2 ACSR 6/1	0	0	1149	174	20	2	1	0.00	5.94	0
8760087	8760084	3.82	2 1-	2 ACSR 6/1	0	0	1124	174	16	2	1	0.00	5.94	0
8760088	8760087	3.94	1 1-	2 ACSR 6/1	0	0	1088	173	7	0	0	0.00	5.95	0
8760089	8760083	3.74	2 1-	2 ACSR 6/1	0	0	1152	174	10	1	1	0.00	5.94	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
8760085	8760083	3.76	272 3-	1/0 ACSR 6/1	1499	1348	1149	174	1937	85	37	0.07	5.73	120
8760086	8760085	3.77	271 3-	1/0 ACSR 6/1	1494	1343	1145	174	1928	84	37	0.02	5.75	34
8760074	8760086	3.87	270 3-	1/0 ACSR 6/1	1460	1311	1117	174	1921	84	37	0.13	5.89	221
8760090	8760074	3.94	267 3-	1/0 ACSR 6/1	1441	1292	1101	173	1907	83	36	0.07	5.97	128
8760059	8760090	3.97	7 1-	2 ACSR 6/1	0	0	1090	173	22	2	2	0.00	6.23	0
8760060	8760059	4.01	4 1-	2 ACSR 6/1	0	0	1077	173	6	0	0	0.00	6.23	0
8760058	8760090	3.97	259 3-	1/0 ACSR 6/1	1430	1282	1092	173	1874	82	36	0.04	6.01	70
8760050	8760058	4.04	258 3-	1/0 ACSR 6/1	1407	1261	1074	173	1853	81	35	0.08	6.10	147
8760052	8760050	4.08	57 3-	2 ACSR 6/1	1395	1249	1064	173	622	27	15	0.01	6.13	13
D08-76-P029	8760052	4.08	6 1-	FUS-25	0	0	1064	173	29	3	17	0.00	6.25	0
8760064	D08-76-P029	4.58	6 1-	2 ACSR 6/1	0	0	934	169	29	3	2	0.05	6.30	1
8770024	8760064	4.69	4 1-	2 ACSR 6/1	0	0	910	168	23	3	2	0.01	6.30	0
8770017	8770024	4.74	2 1-	2 ACSR 6/1	0	0	900	168	16	2	1	0.00	6.31	0
8770018	8770017	4.84	1 1-	2 ACSR 6/1	0	0	880	167	4	0	0	0.00	6.31	0
8770023	8760064	4.67	1 1-	2 ACSR 6/1	0	0	915	168	3	0	0	0.00	6.30	0
8760049	8760052	4.14	51 3-	2 ACSR 6/1	1373	1229	1047	172	593	26	15	0.02	6.17	23
D08-76-P034	8760049	4.14	51 3-	REC-35-H	1373	1229	1047	172	593	26	76	0.00	6.17	0
8760048	D08-76-P034	4.57	51 3-	2 ACSR 6/1	1231	1095	936	169	593	26	15	0.16	6.45	165
8760043	8760048	5.48	51 3-	2 ACSR 6/1	1009	889	765	163	592	26	15	0.33	7.03	343
D08-67-P009	8760043	5.48	22 1-	FUS-20	0	0	765	163	160	21	119	0.00	6.87	0
8670024	D08-67-P009	5.67	22 1-	2 ACSR 6/1	0	0	737	162	160	21	12	0.11	6.98	15
8670023	8670024	5.75	19 1-	2 ACSR 6/1	0	0	725	161	138	18	10	0.04	7.03	5
8670027	8670023	5.80	4 1-	2 ACSR 6/1	0	0	718	161	23	3	2	0.00	7.03	0
8670028	8670027	5.96	3 1-	2 ACSR 6/1	0	0	697	160	15	2	1	0.01	7.04	0
8660050	8670028	5.99	1 1-	2 ACSR 6/1	0	0	693	160	5	0	0	0.00	7.04	0
8660049	8670028	5.99	2 1-	2 ACSR 6/1	0	0	693	160	11	1	1	0.00	7.04	0
8670021	8670023	5.86	14 1-	2 ACSR 6/1	0	0	711	161	109	14	8	0.04	7.07	4
8660053	8670021	5.89	12 1-	2 ACSR 6/1	0	0	707	160	93	12	7	0.01	7.08	0
8660055	8660053	5.91	11 1-	2 ACSR 6/1	0	0	704	160	86	11	6	0.01	7.08	0
8660056	8660055	6.03	7 1-	2 ACSR 6/1	0	0	688	160	63	8	5	0.03	7.11	1
8560016	8660056	6.06	6 1-	2 ACSR 6/1	0	0	684	159	49	6	4	0.01	7.12	0
8560017	8560016	6.10	5 1-	2 ACSR 6/1	0	0	679	159	39	5	3	0.00	7.12	0
8560027	8560017	6.13	1 1-	2 ACSR 6/1	0	0	676	159	11	1	1	0.00	7.12	0
8560010	8560017	6.16	3 1-	2 ACSR 6/1	0	0	673	159	23	3	2	0.00	7.13	0
8560018	8560010	6.19	2 1-	2 ACSR 6/1	0	0	669	159	12	1	1	0.00	7.13	0
8560009	8560010	6.23	1 1-	2 ACSR 6/1	0	0	664	158	11	1	1	0.00	7.13	0
8560015	8660056	6.06	1 1-	2 ACSR 6/1	0	0	684	159	14	1	1	0.00	7.11	0
8660054	8660055	5.99	2 1-	2 ACSR 6/1	0	0	693	160	12	1	1	0.00	7.08	0
8660051	8670021	5.88	2 1-	2 ACSR 6/1	0	0	708	160	16	2	1	0.00	7.07	0
8660052	8660051	5.92	1 1-	2 ACSR 6/1	0	0	702	160	9	1	1	0.00	7.07	0
8670026	8670024	5.71	1 1-	2 ACSR 6/1	0	0	731	162	12	1	1	0.00	6.98	0
8670025	8670024	5.71	1 1-	2 ACSR 6/1	0	0	731	162	6	0	0	0.00	6.98	0
8670019	8760043	5.55	29 3-	2 ACSR 6/1	995	876	754	163	428	19	11	-0.02	7.06	22
8670016	8670019	5.62	28 3-	2 ACSR 6/1	982	864	744	162	418	19	11	-0.02	7.10	20
8670030	8670016	5.73	2 1-	2 ACSR 6/1	0	0	729	161	4	0	0	0.00	6.84	0
8670017	8670016	5.67	26 3-	2 ACSR 6/1	973	855	737	162	415	18	10	-0.01	7.12	15
8670022	8670017	5.89	25 3-	2 ACSR 6/1	933	819	707	160	392	17	10	-0.06	7.21	64
8570028	8670022	5.92	14 2-	2 ACSR 6/1	0	887	703	160	293	20	11	-0.01	7.34	8
8570010	8570028	7.17	13 1- 15 KV 2 URD XLP	0	0	563	286	287	39	24	1.96	9.88	497	
8580037	8570010	7.23	0 1- 15 KV 2 URD XLP	0	0	558	285	0	0	0	0	0.00	9.88	0
8580078	8580037	7.37	0 1- 15 KV 2 URD XLP	0	0	546	281	0	0	0	0	0.00	9.88	0
8580076	8580037	7.26	0 1- 15 KV 2 URD XLP	0	0	555	284	0	0	0	0	0.00	9.88	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8580077	8580076	7.36	0 1-	15 KV 2 URD XLP	0	0	546	281	0	0	0	0.00	9.88	0
8580053	8570010	7.23	2 1-	15 KV 2 URD XLP	0	0	557	285	14	1	1	0.00	9.88	0
8580038	8570010	7.69	11 1-	15 KV 2 URD XLP	0	0	519	273	269	38	23	0.77	10.65	186
8580075	8580038	7.73	1 1-	15 KV 2 URD XLP	0	0	515	272	2	0	0	0.00	10.65	0
8580039	8580038	7.96	10 1-	15 KV 2 URD XLP	0	0	498	267	266	37	23	0.41	11.06	100
8580069	8580039	8.02	7 1-	15 KV 2 URD XLP	0	0	494	265	256	36	22	0.08	11.14	17
8580070	8580069	8.10	6 1-	15 KV 2 URD XLP	0	0	488	263	215	31	19	0.09	11.23	18
8580068	8580070	8.12	2 1-	15 KV 2 URD XLP	0	0	486	263	34	4	3	0.00	11.23	0
8580067	8580070	8.20	3 1-	15 KV 2 URD XLP	0	0	481	261	173	25	15	0.05	11.28	5
8580073	8580039	8.01	3 1-	15 KV 2 URD XLP	0	0	494	265	8	1	1	0.00	11.06	0
8580072	8580073	8.05	1 1-	15 KV 2 URD XLP	0	0	491	264	4	0	0	0.00	11.06	0
8580074	8580073	8.06	2 1-	15 KV 2 URD XLP	0	0	491	264	4	0	0	0.00	11.06	0
8580071	8580039	7.98	0 1-	2 ACSR 6/1	0	0	497	145	0	0	0	0.00	11.06	0
8570027	8670022	5.99	2 1-	2 ACSR 6/1	0	0	693	160	19	2	1	0.01	7.00	0
8570029	8570027	6.04	1 1-	2 ACSR 6/1	0	0	688	159	13	1	1	0.00	7.00	0
8570018	8670022	5.96	7 3-	2 ACSR 6/1	921	808	698	160	70	3	2	0.00	7.22	0
8570019	8570018	6.01	5 3-	2 ACSR 6/1	912	799	691	160	60	2	2	0.00	7.22	0
D08-57-P004	8570019	6.01	5 1-	FUS	0	0	691	160	60	8	186	0.00	7.02	0
8570015	D08-57-P004	6.11	5 1-	2 ACSR 6/1	0	0	678	159	60	8	5	0.03	7.05	1
8570011	8570015	6.15	4 1-	2 ACSR 6/1	0	0	673	159	59	8	4	0.01	7.06	0
8570012	8570011	6.22	2 1-	2 ACSR 6/1	0	0	665	158	50	6	4	0.01	7.06	0
8570013	8570012	6.34	0 1-	2 ACSR 6/1	0	0	651	158	0	0	0	0.00	7.06	0
8570016	8570013	6.43	0 1-	2 ACSR 6/1	0	0	641	157	0	0	0	0.00	7.06	0
8570017	8570016	6.50	0 1-	2 ACSR 6/1	0	0	633	157	0	0	0	0.00	7.06	0
8570025	8570017	6.62	0 1-	2 ACSR 6/1	0	0	621	156	0	0	0	0.00	7.06	0
8570026	8570025	6.69	0 1-	2 ACSR 6/1	0	0	614	155	0	0	0	0.00	7.06	0
8570023	8570017	6.59	0 1-	2 ACSR 6/1	0	0	624	156	0	0	0	0.00	7.06	0
8570024	8570023	6.71	0 1-	2 ACSR 6/1	0	0	612	155	0	0	0	0.00	7.06	0
8570020	8570017	6.60	0 1-	2 ACSR 6/1	0	0	623	156	0	0	0	0.00	7.06	0
8570022	8570020	6.69	0 1-	2 ACSR 6/1	0	0	613	155	0	0	0	0.00	7.06	0
8570014	8570022	6.74	0 1-	2 ACSR 6/1	0	0	609	155	0	0	0	0.00	7.06	0
8570021	8570020	6.65	0 1-	2 ACSR 6/1	0	0	617	156	0	0	0	0.00	7.06	0
8670018	8670017	5.72	1 1-	2 ACSR 6/1	0	0	730	161	23	3	2	0.00	6.89	0
8570030	8670018	5.88	1 1-	15 KV 2 URD XLP	0	0	707	325	23	3	2	0.02	6.91	0
8670031	8570030	6.00	1 1-	15 KV 2 URD XLP	0	0	691	320	23	3	2	0.01	6.91	0
8670020	8670019	5.57	1 1-	2 ACSR 6/1	0	0	751	162	10	1	1	0.00	6.86	0
8670029	8670020	5.60	1 1-	15 KV 2 URD XLP	0	0	748	334	10	1	1	0.00	6.86	0
8760051	8760050	4.07	198 3-	1/0 ACSR 6/1	1398	1253	1067	173	1218	53	23	0.03	6.13	26
D08-76-P059	8760051	4.07	198 3-	REC-70-L	1398	1253	1067	173	1217	53	76	0.00	6.13	0
8760047	D08-76-P059	4.13	198 3-	1/0 ACSR 6/1	1382	1238	1053	172	1217	53	23	0.05	6.17	47
8760053	8760047	4.26	1 1-	2 ACSR 6/1	0	0	1017	171	10	1	1	0.00	6.28	0
8760044	8760047	4.18	197 3-	1/0 ACSR 6/1	1367	1224	1042	172	1207	53	23	0.04	6.21	42
8760054	8760044	4.22	1 1-	2 ACSR 6/1	0	0	1032	172	21	2	2	0.00	6.47	0
8760045	8760044	4.21	196 3-	1/0 ACSR 6/1	1358	1215	1034	172	1186	52	23	0.03	6.24	28
8760056	8760045	4.31	190 3-	1/0 ACSR 6/1	1332	1191	1013	172	1143	50	22	0.08	6.31	73
8760057	8760056	4.41	189 3-	1/0 ACSR 6/1	1304	1165	990	171	1138	50	22	0.09	6.39	81
8760094	8760057	4.45	172 3-	1/0 ACSR 6/1	1294	1156	983	171	1006	44	19	0.03	6.41	22
8760096	8760094	4.55	1 1-	2 ACSR 6/1	0	0	959	170	8	1	1	0.00	6.69	0
8760095	8760094	4.54	171 3-	1/0 ACSR 6/1	1272	1136	964	170	998	43	19	0.08	6.47	54
8760061	8760095	4.58	2 1-	2 ACSR 6/1	0	0	954	170	14	1	1	0.00	6.22	0
8760079	8760095	4.56	169 3-	1/0 ACSR 6/1	1268	1132	961	170	984	43	19	0.02	6.48	10
8760062	8760079	4.62	165 3-	1/0 ACSR 6/1	1251	1117	948	170	959	42	18	0.06	6.53	38

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LROP DROP	TOTAL DROP	LINE LOSS
8760063	8760062	4.66	164 3-	1/0 ACSR 6/1	1243	1109	941	170	957	42	18	0.03	6.55	20
8660039	8760063	4.81	163 3-	1/0 ACSR 6/1	1209	1077	914	169	951	41	18	0.14	6.64	85
8660058	8660039	4.85	158 3-	1/0 ACSR 6/1	1200	1070	907	169	944	41	18	0.03	6.67	21
8660064	8660058	4.89	3 1-	2 ACSR 6/1	0	0	898	169	20	2	1	0.00	6.45	0
8660065	8660064	4.95	2 1-	2 ACSR 6/1	0	0	885	168	14	1	1	0.00	6.46	0
8660066	8660065	5.03	1 1-	2 ACSR 6/1	0	0	870	168	6	0	0	0.00	6.46	0
8660044	8660065	5.01	0 1-	2 ACSR 6/1	0	0	874	168	0	0	0	0.00	6.46	0
8660062	8660058	4.90	3 1-	2 ACSR 6/1	0	0	896	169	22	2	2	0.00	6.45	0
8660059	8660058	4.89	151 3-	1/0 ACSR 6/1	1190	1060	899	169	895	39	17	0.05	6.69	25
8660077	8660059	4.98	150 3-	1/0 ACSR 6/1	1172	1043	885	168	885	39	17	0.08	6.74	43
8650136	8660077	5.08	146 3-	1/0 ACSR 6/1	1150	1023	867	168	870	38	17	0.10	6.81	54
8650137	8650136	5.22	145 3-	1/0 ACSR 6/1	1123	998	846	167	865	38	17	0.13	6.88	69
8650089	8650137	5.25	10 1-	2 ACSR 6/1	0	0	841	167	84	11	6	0.01	6.69	0
D08-65-P022	8650089	5.25	10 1-	REC-25-H	0	0	841	167	84	11	45	0.00	6.69	0
8650090	D08-65-P022	5.44	10 1-	2 ACSR 6/1	0	0	807	166	84	11	6	0.06	6.75	4
8650091	8650090	5.51	9 1-	2 ACSR 6/1	0	0	795	165	80	10	6	0.02	6.77	1
8650092	8650091	5.54	8 1-	2 ACSR 6/1	0	0	791	165	66	8	5	0.01	6.78	0
8650107	8650092	5.59	5 1-	2 ACSR 6/1	0	0	782	165	44	5	3	0.01	6.78	0
8660068	8650107	5.64	4 1-	2 ACSR 6/1	0	0	775	164	35	4	3	0.01	6.79	0
8660069	8660068	5.70	4 1-	2 ACSR 6/1	0	0	766	164	35	4	3	0.01	6.80	0
8660071	8660069	5.78	3 1-	2 ACSR 6/1	0	0	753	163	28	3	2	0.01	6.80	0
8660072	8660071	5.87	1 1-	2 ACSR 6/1	0	0	740	163	8	1	1	0.00	6.80	0
8660073	8660072	5.90	0 1-	2 ACSR 6/1	0	0	735	163	0	0	0	0.00	6.80	0
8660070	8660069	5.75	1 1-	2 ACSR 6/1	0	0	758	164	6	0	0	0.00	6.80	0
8660067	8650107	5.62	1 1-	2 ACSR 6/1	0	0	777	164	10	1	1	0.00	6.78	0
8650093	8650137	5.26	2 1-	2 ACSR 6/1	0	0	839	167	22	2	2	0.00	7.42	0
8650094	8650093	5.31	1 1-	2 ACSR 6/1	0	0	830	167	13	1	1	0.00	7.42	0
8650125	8650137	5.24	133 3-	1/0 ACSR 6/1	1119	994	843	167	758	33	15	0.02	6.89	9
8650126	8650125	5.28	130 3-	1/0 ACSR 6/1	1112	988	837	167	746	33	14	0.04	6.91	15
D08-65-P018	8650126	5.28	27 1-	REC-50-H	0	0	837	167	130	17	35	0.00	7.47	0
8650127	D08-65-P018	5.36	27 1-	2 ACSR 6/1	0	0	823	166	130	17	10	0.04	7.51	4
8650128	8650127	5.40	26 1-	2 ACSR 6/1	0	0	816	166	119	15	9	0.02	7.53	2
8650129	8650128	5.47	23 1-	2 ACSR 6/1	0	0	803	166	104	13	8	0.03	7.55	2
8650130	8650129	5.52	22 1-	2 ACSR 6/1	0	0	796	165	102	13	8	0.02	7.57	1
8650131	8650130	5.56	19 1-	2 ACSR 6/1	0	0	789	165	92	12	7	0.01	7.58	1
8650074	8650131	5.57	19 1-	2 ACSR 6/1	0	0	786	165	92	12	7	0.01	7.59	0
8650112	8650074	5.59	7 1-	2 ACSR 6/1	0	0	783	165	36	4	3	0.00	7.59	0
8650113	8650112	5.65	5 1-	2 ACSR 6/1	0	0	774	164	17	2	1	0.00	7.59	0
8650103	8650074	5.63	12 1-	2 ACSR 6/1	0	0	777	164	57	7	4	0.01	7.60	0
8750005	8650103	5.68	5 1-	2 ACSR 6/1	0	0	770	164	24	3	2	0.00	7.60	0
8750007	8750005	5.71	4 1-	2 ACSR 6/1	0	0	764	164	23	3	2	0.00	7.60	0
8750006	8650103	5.67	6 1-	2 ACSR 6/1	0	0	771	164	29	3	2	0.00	7.60	0
8750012	8750006	5.73	3 1-	2 ACSR 6/1	0	0	762	164	16	2	1	0.00	7.61	0
8750011	8750012	5.79	1 1-	15 KV 2 URD XLP	0	0	753	338	11	1	1	0.00	7.61	0
8750013	8750012	5.78	2 1-	2 ACSR 6/1	0	0	755	164	5	0	0	0.00	7.61	0
8750004	8750013	5.91	1 1-	2 ACSR 6/1	0	0	735	163	1	0	0	0.00	7.61	0
8650132	8650131	5.63	0 1-	2 ACSR 6/1	0	0	777	164	0	0	0	0.00	7.58	0
8650134	8650126	5.32	103 3-	1/0 ACSR 6/1	1104	981	831	167	616	27	12	0.03	6.93	10
8650135	8650134	5.36	2 1-	2 ACSR 6/1	0	0	823	166	16	2	1	0.00	6.73	0
8650133	8650134	5.38	99 3-	1/0 ACSR 6/1	1093	971	822	166	592	26	11	0.04	6.95	13
8650120	8650133	5.43	98 3-	1/0 ACSR 6/1	1084	963	816	166	589	26	11	0.03	6.97	10
8650121	8650120	5.54	96 3-	1/0 ACSR 6/1	1064	945	800	166	567	25	11	0.08	7.01	24

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8650122	8650121	5.61	1 1-	15 KV 2 URD XLP	0	0	787	345	7	0	1	0.00	7.65	0
8650123	8650121	5.62	94 3-	1/0 ACSR 6/1	1051	933	789	165	553	24	11	0.05	7.04	16
8650087	8650123	5.66	93 3-	1/0 ACSR 6/1	1044	926	784	165	547	24	11	0.03	7.06	8
8650088	8650087	5.70	92 3-	1/0 ACSR 6/1	1037	920	779	165	536	23	10	0.02	7.07	8
8650075	8650088	5.75	91 3-	1/0 ACSR 6/1	1029	912	772	165	525	23	10	0.03	7.09	10
8650076	8650075	5.80	88 3-	1/0 ACSR 6/1	1021	905	766	164	507	22	10	0.03	7.11	8
8650077	8650076	5.89	87 3-	1/0 ACSR 6/1	1007	892	755	164	501	22	10	0.05	7.13	15
8650073	8650077	5.91	86 3-	1/0 ACSR 6/1	1003	888	751	164	495	21	10	0.02	7.14	4
D08-65-P172A	8650073	5.91	20 1-	REC-50-H	0	0	751	164	61	8	16	0.00	6.64	0
8650085	D08-65-P172A	6.27	20 1-	2 ACSR 6/1	0	0	702	162	61	8	4	0.08	6.72	4
8550012	8650085	6.34	5 1-	2 ACSR 6/1	0	0	693	161	30	3	2	0.01	6.73	0
8550013	8550012	6.36	4 1-	2 ACSR 6/1	0	0	690	161	23	3	2	0.00	6.73	0
8550010	8550013	6.39	3 1-	2 ACSR 6/1	0	0	687	161	19	2	1	0.00	6.73	0
8550011	8550010	6.45	2 1-	2 ACSR 6/1	0	0	680	160	16	2	1	0.00	6.73	0
8550008	8550011	6.47	1 1-	2 ACSR 6/1	0	0	677	160	10	1	1	0.00	6.74	0
8550009	8550008	6.53	1 1-	2 ACSR 6/1	0	0	670	160	10	1	1	0.00	6.74	0
8550006	8650085	6.47	15 1-	2 ACSR 6/1	0	0	678	160	31	4	2	0.02	6.74	0
8550007	8550006	6.60	14 1-	2 ACSR 6/1	0	0	662	159	30	4	2	0.01	6.76	0
D08-54-P020	8550007	6.60	14 1-	FUS-100	0	0	662	159	30	4	4	0.00	6.76	0
8540006	D08-54-P020	6.65	14 1-	2 ACSR 6/1	0	0	656	159	30	4	2	0.01	6.76	0
8540007	8540006	7.80	14 1-	2 ACSR 6/1	0	0	547	152	30	4	2	0.13	6.89	3
8540008	8540007	8.10	0 1-	2 ACSR 6/1	0	0	523	150	0	0	0	0.00	6.89	0
8540005	8540007	8.67	14 1-	2 ACSR 6/1	0	0	485	147	30	4	2	0.10	6.99	2
8430016	8540005	8.91	12 1-	2 ACSR 6/1	0	0	470	146	19	2	1	0.02	7.00	0
8430027	8430016	8.96	0 1-	2 ACSR 6/1	0	0	467	146	0	0	0	0.00	7.00	0
8430017	8430016	9.10	12 1-	2 ACSR 6/1	0	0	459	145	19	2	1	0.01	7.02	0
D08-43-P012	8430017	9.10	10 1-	FUS-15	0	0	459	145	14	1	14	0.00	7.02	0
8430020	D08-43-P012	9.18	10 1-	2 ACSR 6/1	0	0	455	145	14	1	1	0.00	7.02	0
8430029	8430020	9.28	6 1-	2 ACSR 6/1	0	0	449	144	6	0	0	0.00	7.02	0
8430031	8430029	9.31	5 1-	2 ACSR 6/1	0	0	447	144	6	0	0	0.00	7.02	0
8430030	8430031	9.45	3 1-	2 ACSR 6/1	0	0	440	143	6	0	0	0.00	7.03	0
8430037	8430030	9.49	2 1-	2 ACSR 6/1	0	0	438	143	1	0	0	0.00	7.03	0
8430036	8430037	9.57	1 1-	2 ACSR 6/1	0	0	434	142	0	0	0	0.00	7.03	0
8430018	8430020	9.24	4 1-	2 ACSR 6/1	0	0	452	144	7	0	1	0.00	7.02	0
8430032	8430018	9.29	4 1-	2 ACSR 6/1	0	0	449	144	7	0	1	0.00	7.02	0
8430033	8430032	9.35	3 1-	2 ACSR 6/1	0	0	446	144	4	0	0	0.00	7.02	0
8430040	8430033	9.44	2 1-	2 ACSR 6/1	0	0	441	143	3	0	0	0.00	7.03	0
8430041	8430040	9.48	1 1-	2 ACSR 6/1	0	0	439	143	1	0	0	0.00	7.03	0
8430019	8430018	9.39	0 1-	2 ACSR 6/1	0	0	443	143	0	0	0	0.00	7.02	0
8430034	8430017	9.30	2 1-	2 ACSR 6/1	0	0	448	144	6	0	0	0.00	7.02	0
8430035	8430034	9.35	1 1-	2 ACSR 6/1	0	0	446	144	2	0	0	0.00	7.02	0
8430028	8430017	9.18	0 1-	2 ACSR 6/1	0	0	455	145	0	0	0	0.00	7.02	0
8430021	8540005	9.05	2 1-	2 ACSR 6/1	0	0	462	145	11	1	1	0.02	7.00	0
8440004	8430021	9.11	2 1-	2 ACSR 6/1	0	0	459	145	11	1	1	0.00	7.00	0
8440005	8440004	9.29	1 1-	2 ACSR 6/1	0	0	449	144	4	0	0	0.00	7.01	0
8440003	8430021	9.10	0 1-	2 ACSR 6/1	0	0	459	145	0	0	0	0.00	7.00	0
8650086	8650073	5.96	66 3-	1/0 ACSR 6/1	996	882	746	164	434	19	8	0.02	7.16	6
8650102	8650086	6.00	2 1-	2 ACSR 6/1	0	0	741	163	6	0	0	0.00	6.93	0
8650083	8650086	5.98	64 3-	1/0 ACSR 6/1	992	879	743	164	429	19	8	0.01	7.16	3
8650101	8650083	6.06	63 3-	1/0 ACSR 6/1	980	868	734	163	426	18	8	0.05	7.19	12
8650106	8650101	6.15	60 3-	1/0 ACSR 6/1	967	856	724	163	401	17	8	0.05	7.21	12
8650108	8650106	6.25	59 3-	1/0 ACSR 6/1	953	843	713	162	386	17	7	0.06	7.23	13

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8650084	8650108	6.29	10 1-	2 ACSR 6/1	0	0	708	162	68	8	5	0.01	7.01	0
8650139	8650084	6.32	8 1-	2 ACSR 6/1	0	0	703	162	46	6	3	0.00	7.02	0
8650140	8650139	6.40	5 1-	2 ACSR 6/1	0	0	693	161	28	3	2	0.01	7.02	0
8650142	8650140	6.55	2 1-	2 ACSR 6/1	0	0	675	160	16	2	1	0.00	7.03	0
8650141	8650140	6.44	2 1-	2 ACSR 6/1	0	0	689	161	7	0	0	0.00	7.02	0
8650138	8650084	6.32	2 1-	2 ACSR 6/1	0	0	703	162	22	2	2	0.00	7.01	0
8650148	8650138	6.40	1 1-	2 ACSR 6/1	0	0	693	161	11	1	1	0.00	7.02	0
8650078	8650108	6.29	49 3-	1/0 ACSR 6/1	948	839	709	162	318	14	6	0.02	7.24	4
8650143	8650078	6.35	12 1-	2 ACSR 6/1	0	0	701	162	72	9	5	0.02	6.65	0
8650144	8650143	6.38	10 1-	2 ACSR 6/1	0	0	696	162	66	8	5	0.01	6.65	0
8650145	8650144	6.43	10 1-	2 ACSR 6/1	0	0	691	161	66	8	5	0.01	6.66	0
8650146	8650145	6.46	9 1-	2 ACSR 6/1	0	0	686	161	59	7	4	0.01	6.67	0
8650147	8650146	6.51	6 1-	2 ACSR 6/1	0	0	681	161	37	4	3	0.01	6.68	0
8650115	8650147	6.54	4 1-	2 ACSR 6/1	0	0	677	161	25	3	2	0.00	6.68	0
8650116	8650115	6.58	4 1-	2 ACSR 6/1	0	0	672	160	25	3	2	0.00	6.68	0
8650117	8650116	6.60	3 1-	2 ACSR 6/1	0	0	670	160	25	3	2	0.00	6.68	0
8650118	8650117	6.62	1 1-	2 ACSR 6/1	0	0	667	160	11	1	1	0.00	6.68	0
8650114	8650117	6.64	2 1-	2 ACSR 6/1	0	0	665	160	14	1	1	0.00	6.68	0
8650119	8650114	6.66	1 1-	2 ACSR 6/1	0	0	663	160	3	0	0	0.00	6.69	0
8650079	8650078	6.44	37 3-	1/0 ACSR 6/1	0	0	689	161	245	10	5	0.09	7.27	19
8650080	8650079	6.49	34 3-	1/0 ACSR 6/1	0	0	683	161	216	9	4	0.03	7.27	5
8650110	8650080	6.55	1 1-	2 ACSR 6/1	0	0	676	160	10	1	1	0.00	6.81	0
8650081	8650080	6.53	31 3-	1/0 ACSR 6/1	0	0	678	161	197	8	4	0.02	7.28	3
8650104	8650081	6.58	1 1-	2 ACSR 6/1	0	0	672	160	8	1	1	0.00	8.23	0
8650082	8650081	6.58	30 3-	1/0 ACSR 6/1	0	0	672	160	189	8	4	0.02	7.29	3
8660075	8650082	6.64	5 1-	2 ACSR 6/1	0	0	666	160	35	4	3	0.01	8.26	0
8650111	8660075	6.67	3 1-	2 ACSR 6/1	0	0	661	160	27	3	2	0.00	8.26	0
8550015	8650111	6.74	2 1-	2 ACSR 6/1	0	0	654	159	18	2	1	0.00	8.27	0
8550014	8550015	6.84	1 1-	2 ACSR 6/1	0	0	643	159	9	1	1	0.00	8.27	0
8660040	8650082	6.64	25 3-	1/0 ACSR 6/1	0	0	665	160	154	6	3	0.02	7.29	3
8660041	8660040	6.66	9 1-	2 ACSR 6/1	0	0	663	160	48	6	4	0.00	8.28	0
8660048	8660041	6.78	1 1-	2 ACSR 6/1	0	0	649	159	8	1	1	0.00	8.28	0
8660046	8660041	6.68	8 1-	2 ACSR 6/1	0	0	660	160	40	5	3	0.00	8.28	0
8660047	8660046	6.80	7 1-	2 ACSR 6/1	0	0	647	159	34	4	3	0.01	8.30	0
8560014	8660047	6.90	6 1-	2 ACSR 6/1	0	0	636	158	33	4	2	0.01	8.31	0
8560006	8560014	6.97	5 1-	2 ACSR 6/1	0	0	629	158	27	3	2	0.01	8.32	0
8560024	8560006	7.06	4 1-	2 ACSR 6/1	0	0	620	157	24	3	2	0.01	8.32	0
8560013	8560024	7.11	3 1-	2 ACSR 6/1	0	0	614	157	14	1	1	0.00	8.33	0
8560026	8560014	7.16	1 1-	2 ACSR 6/1	0	0	609	157	6	0	0	0.00	8.31	0
8660043	8660040	6.71	12 1-	2 ACSR 6/1	0	0	657	159	75	10	6	0.02	8.30	1
8560019	8660043	6.81	11 1-	2 ACSR 6/1	0	0	646	159	69	9	5	0.03	8.32	1
8560023	8560019	6.86	8 1-	2 ACSR 6/1	0	0	641	159	46	6	3	0.01	8.33	0
8560029	8560023	6.88	7 1-	2 ACSR 6/1	0	0	638	158	45	5	3	0.00	8.33	0
8560030	8560029	6.93	5 1-	2 ACSR 6/1	0	0	633	158	32	4	2	0.00	8.34	0
8560031	8560030	6.98	3 1-	2 ACSR 6/1	0	0	628	158	21	2	2	0.00	8.34	0
8560028	8560031	7.00	3 1-	2 ACSR 6/1	0	0	625	158	21	2	2	0.00	8.34	0
8560005	8560028	7.04	2 1-	2 ACSR 6/1	0	0	621	157	12	1	1	0.00	8.34	0
8560007	8560005	7.12	1 1-	2 ACSR 6/1	0	0	613	157	3	0	0	0.00	8.35	0
8560008	8560007	7.18	0 1-	2 ACSR 6/1	0	0	607	157	0	0	0	0.00	8.35	0
8560020	8560019	6.92	3 1-	2 ACSR 6/1	0	0	634	158	23	3	2	0.01	8.33	0
8560021	8560020	6.99	2 1-	2 ACSR 6/1	0	0	627	158	14	1	1	0.00	8.33	0
8560022	8560021	7.02	1 1-	2 ACSR 6/1	0	0	623	158	13	1	1	0.00	8.33	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8660042	8660040	6.68	4 1-	2 ACSR 6/1	0	0	661	160	30	4	2	0.00	8.28	0
8560011	8660042	6.70	3 1-	2 ACSR 6/1	0	0	658	160	23	3	2	0.00	8.28	0
8560012	8560011	6.76	2 1-	2 ACSR 6/1	0	0	652	159	22	2	2	0.00	8.29	0
8560025	8560012	6.79	1 1-	2 ACSR 6/1	0	0	648	159	13	1	1	0.00	8.29	0
8550004	8560025	6.83	1 1-	2 ACSR 6/1	0	0	644	159	13	1	1	0.00	8.29	0
8550005	8550004	6.87	0 1-	2 ACSR 6/1	0	0	640	158	0	0	0	0.00	8.29	0
8650109	8650079	6.48	3 1-	2 ACSR 6/1	0	0	685	161	29	3	2	0.00	8.19	0
8650149	8650109	6.57	1 1-	2 ACSR 6/1	0	0	673	160	8	1	1	0.00	8.19	0
8650105	8650101	6.11	2 1-	2 ACSR 6/1	0	0	727	163	14	1	1	0.00	6.96	0
8650100	8650083	6.03	1 1-	2 ACSR 6/1	0	0	736	163	3	0	0	0.00	6.93	0
8650099	8650077	5.96	1 1-	2 ACSR 6/1	0	0	744	164	6	0	0	0.00	7.86	0
8650098	8650076	5.86	1 1-	2 ACSR 6/1	0	0	756	164	6	0	0	0.00	7.81	0
8650097	8650075	5.78	2 1-	2 ACSR 6/1	0	0	767	164	14	1	1	0.00	7.78	0
8650096	8650088	5.76	1 1-	2 ACSR 6/1	0	0	769	164	11	1	1	0.00	6.85	0
8650095	8650087	5.71	1 1-	2 ACSR 6/1	0	0	775	165	11	1	1	0.00	7.73	0
8650124	8650123	5.66	1 1-	2 ACSR 6/1	0	0	783	165	6	0	0	0.00	6.61	0
8660060	8660059	4.94	1 1-	2 ACSR 6/1	0	0	888	168	9	1	1	0.00	6.48	0
8660061	8660060	4.97	0 1-	2 ACSR 6/1	0	0	884	168	0	0	0	0.00	6.48	0
8660063	8660061	5.01	0 1-	2 ACSR 6/1	0	0	876	168	0	0	0	0.00	6.48	0
8660045	8660039	4.88	5 1-	2 ACSR 6/1	0	0	899	169	7	0	1	0.00	6.43	0
8660057	8760063	4.79	1 1-	2 ACSR 6/1	0	0	912	169	5	0	0	0.00	6.31	0
8760077	8760057	4.47	15 1-	2 ACSR 6/1	0	0	975	171	115	15	8	0.02	6.14	2
8760067	8760077	4.51	9 1- 15 KV	2 URD XLP	0	0	967	373	73	9	6	0.01	6.15	0
8760068	8760067	4.56	6 1- 15 KV	2 URD XLP	0	0	955	371	53	6	4	0.01	6.16	0
8760065	8760068	4.60	3 1- 15 KV	2 URD XLP	0	0	945	369	32	4	3	0.01	6.17	0
8660076	8760065	4.62	2 1- 15 KV	2 URD XLP	0	0	940	368	21	2	2	0.00	6.17	0
8660074	8760065	4.68	1 1- 15 KV	2 URD XLP	0	0	928	365	11	1	1	0.00	6.17	0
8760078	8760077	4.53	6 1-	2 ACSR 6/1	0	0	961	170	42	5	3	0.01	6.15	0
8760066	8760078	4.58	6 1- 15 KV	2 URD XLP	0	0	951	370	42	5	3	0.01	6.16	0
8760069	8760066	4.64	3 1- 15 KV	2 URD XLP	0	0	936	368	30	3	2	0.01	6.17	0
8760070	8760069	4.69	1 1- 15 KV	2 URD XLP	0	0	924	365	11	1	1	0.00	6.17	0
8760055	8760045	4.28	6 1-	2 ACSR 6/1	0	0	1015	171	42	5	3	0.01	6.32	0
8760071	8760055	4.35	3 1-	2 ACSR 6/1	0	0	998	171	18	2	1	0.00	6.33	0
8760072	8760071	4.40	1 1-	2 ACSR 6/1	0	0	986	171	3	0	0	0.00	6.33	0
8760046	8760074	3.93	3 1-	2 ACSR 6/1	0	0	1100	173	12	1	1	0.00	6.15	0
8760076	8760046	3.96	1 1-	2 ACSR 6/1	0	0	1090	173	2	0	0	0.00	6.15	0
8760075	8760046	3.98	2 1-	2 ACSR 6/1	0	0	1083	173	11	1	1	0.00	6.16	0
8760080	8860039	3.42	2 1-	2 ACSR 6/1	0	0	1248	176	11	1	1	0.00	4.50	0
8760073	8860039	3.46	1 1-	2 ACSR 6/1	0	0	1235	176	6	0	0	0.00	5.66	0
8860038	8860040	3.34	2 1-	2 ACSR 6/1	0	0	1276	176	16	2	1	0.00	4.31	0
8860030	8870168	3.29	1 1-	2 ACSR 6/1	0	0	1292	176	2	0	0	0.00	4.27	0
8870166	8870121	3.14	2 1-	2 ACSR 6/1	0	0	1350	177	18	2	1	0.00	5.42	0
8870167	8870166	3.22	1 1-	2 ACSR 6/1	0	0	1313	177	8	1	1	0.00	5.42	0
8870190	8870189	2.79	16 1-	2 ACSR 6/1	0	0	1497	179	141	18	10	0.02	5.05	3
8870206	8870190	2.85	5 1-	2 ACSR 6/1	0	0	1465	179	39	5	3	0.01	5.05	0
8870207	8870206	2.90	2 1-	2 ACSR 6/1	0	0	1440	178	13	1	1	0.00	5.05	0
8870110	8870190	2.84	11 1-	2 ACSR 6/1	0	0	1472	179	103	13	7	0.02	5.06	1
8870254	8870110	2.88	2 1-	2 ACSR 6/1	0	0	1447	178	9	1	1	0.00	5.07	0
8870111	8870110	2.93	7 1-	2 ACSR 6/1	0	0	1423	178	72	9	5	0.02	5.09	1
8870208	8870111	2.99	5 1-	2 ACSR 6/1	0	0	1395	178	49	6	4	0.01	5.10	0
8870209	8870208	3.11	2 1-	2 ACSR 6/1	0	0	1336	177	15	2	1	0.00	5.10	0
8870272	8870208	3.01	2 1-	2 ACSR 6/1	0	0	1385	177	26	3	2	0.00	5.10	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 41	JELLICO(41)														
SUB 41, CKT 1		630			2436	2487	2656	189	2662						
BK4101	JELLICO(41)	0.00	205 3-		BK4101	2436	2487	2656	189	617	26 22	0.00	0.00	0.00	0
20540010	BK4101	0.02	205 3-	1/0	ACSR 6/1	2426	2475	2638	189	617	26 11	0.00	0.01	0.01	4
20540013	20540010	0.03	0 3-	1/0	ACSR 6/1	2418	2467	2625	189	0	0 0	0.00	0.01	0.01	0
20-54-P031-A	20540013	0.03	0 3-		Open	2418	2467	2625	189	0	0 0	0.00	0.01	0.01	0
20540009	20540010	0.08	205 3-	1/0	ACSR 6/1	2378	2422	2555	188	617	26 11	0.01	0.04	0.04	18
D20-54-P028	20540009	0.08	15 1-		REC-50-L	0	0	2555	188	41	5 10	0.00	0.02	0.02	0
20540029	D20-54-P028	0.13	15 1-	2	ACSR 6/1	0	0	2497	188	41	5 3	0.01	0.02	0.02	0
20550015	20540029	0.17	14 1-	2	ACSR 6/1	0	0	2449	188	41	5 3	0.01	0.03	0.03	0
20850098	20550015	0.21	11 1-	2	ACSR 6/1	0	0	2396	187	34	4 2	0.01	0.04	0.04	0
20850099	20850098	0.25	10 1-	2	ACSR 6/1	0	0	2356	187	33	4 2	0.00	0.04	0.04	0
20550008	20850099	0.64	3 1-	2	ACSR 6/1	0	0	1959	184	4	0 0	0.01	0.05	0.05	0
20850390	20550008	0.68	3 1-	2	ACSR 6/1	0	0	1920	184	4	0 0	0.00	0.05	0.05	0
20850391	20850390	0.82	2 1-	2	ACSR 6/1	0	0	1806	183	4	0 0	0.00	0.05	0.05	0
20450017	20850391	1.13	1 1-	2	ACSR 6/1	0	0	1589	180	2	0 0	0.00	0.05	0.05	0
20550007	20850099	0.30	7 1-	2	ACSR 6/1	0	0	2299	187	28	3 2	0.01	0.05	0.05	0
20850393	20550007	0.34	6 1-	2	ACSR 6/1	0	0	2256	186	23	2 2	0.00	0.05	0.05	0
20850394	20850393	0.49	5 1-	2	ACSR 6/1	0	0	2098	185	20	2 1	0.01	0.06	0.06	0
20850396	20850394	0.53	2 1-	2	ACSR 6/1	0	0	2060	185	6	0 0	0.00	0.06	0.06	0
20850395	20850394	0.59	1 1-	2	ACSR 6/1	0	0	2000	184	7	0 0	0.00	0.06	0.06	0
20550014	20850394	0.54	1 1-	2	ACSR 6/1	0	0	2051	185	3	0 0	0.00	0.06	0.06	0
20850392	20550007	0.34	1 1-	2	ACSR 6/1	0	0	2249	186	5	0 0	0.00	0.05	0.05	0
20850096	20550015	0.21	3 1-	2	ACSR 6/1	0	0	2399	187	6	0 0	0.00	0.03	0.03	0
20850097	20850096	0.38	2 1-	2	ACSR 6/1	0	0	2206	186	3	0 0	0.00	0.03	0.03	0
20850397	20540009	0.18	190 3-	1/0	ACSR 6/1	2312	2347	2444	188	575	24 11	0.01	0.07	0.07	25
20850398	20850397	0.27	188 3-	1/0	ACSR 6/1	2255	2282	2352	187	570	24 11	0.01	0.11	0.11	22
20850401	20850398	0.33	187 3-	1/0	ACSR 6/1	2215	2235	2288	187	567	24 10	0.01	0.13	0.13	16
20850402	20850401	0.39	1 1-	2	ACSR 6/1	0	0	2226	187	9	1 1	0.00	0.05	0.05	0
20850400	20850401	0.62	185 3-	1/0	ACSR 6/1	2046	2039	2032	186	550	23 10	0.03	0.24	0.24	69
20550006	20850400	0.79	39 1-	2	ACSR 6/1	0	0	1884	184	98	12 7	0.06	0.63	0.63	5
D20-65-P002	20550006	0.79	39 1-		REC-50-L	0	0	1884	184	98	12 25	0.00	0.63	0.63	0
20850734	D20-65-P002	0.86	39 1-	2	ACSR 6/1	0	0	1835	184	98	12 7	0.02	0.65	0.65	2
20850735	20850734	0.95	37 1-	2	ACSR 6/1	0	0	1761	183	87	11 6	0.03	0.68	0.68	2
20850869	20850735	1.14	36 1-	2	ACSR 6/1	0	0	1638	181	84	10 6	0.06	0.74	0.74	4
20850870	20850869	1.25	1 1-	2	ACSR 6/1	0	0	1569	181	12	1 1	0.00	0.74	0.74	0
20850855	20850869	1.33	34 1-	2	ACSR 6/1	0	0	1520	180	72	9 5	0.05	0.79	0.79	3
20850856	20850855	1.37	2 1-	2	ACSR 6/1	0	0	1498	180	2	0 0	0.00	0.79	0.79	0
20850857	20850856	1.51	1 1-	2	ACSR 6/1	0	0	1422	179	2	0 0	0.00	0.79	0.79	0
20850854	20850855	1.37	32 1-	2	ACSR 6/1	0	0	1496	180	70	8 5	0.01	0.80	0.80	0
20850351	20850854	1.50	31 1-	2	ACSR 6/1	0	0	1430	179	68	8 5	0.03	0.83	0.83	2
20850352	20850351	1.56	31 1-	2	ACSR 6/1	0	0	1397	178	68	8 5	0.02	0.85	0.85	0
D20-65-P016	20850352	1.56	25 1-		REC-35-L	0	0	1397	178	55	7 20	0.00	0.85	0.85	0
20650019	D20-65-P016	1.67	25 1-	2	ACSR 6/1	0	0	1348	177	55	7 4	0.02	0.87	0.87	0
D20-65-P020	20650019	1.67	25 1-		REC-35-L	0	0	1348	177	55	7 20	0.00	0.87	0.87	0
20650017	D20-65-P020	1.86	25 1-	2	ACSR 6/1	0	0	1265	176	55	7 4	0.04	0.91	0.91	2
20850540	20650017	1.95	1 1-	2	ACSR 6/1	0	0	1230	175	2	0 0	0.00	0.91	0.91	0
20850996	20650017	1.91	24 1-	2	ACSR 6/1	0	0	1244	176	53	6 4	0.01	0.92	0.92	0
20850998	20850996	1.97	23 1-	2	ACSR 6/1	0	0	1223	175	52	6 4	0.01	0.93	0.93	0
20850999	20850998	2.04	22 1-	2	ACSR 6/1	0	0	1196	175	50	6 4	0.01	0.94	0.94	0
20850997	20850999	2.11	20 1-	2	ACSR 6/1	0	0	1170	174	43	5 3	0.01	0.95	0.95	0
20750003	20850997	2.68	19 1-	2	ACSR 6/1	0	0	999	170	40	5 3	0.08	1.03	1.03	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20750004	20750003	3.18	19 1-	2 ACSR 6/1	0	0	883	167	40	5	3	0.07	1.11	2
20850175	20750004	3.52	1 1-	2 ACSR 6/1	0	0	818	164	4	0	0	0.00	1.11	0
20850176	20850175	3.63	0 1-	2 ACSR 6/1	0	0	799	164	0	0	0	0.00	1.11	0
20851077	20750004	3.27	18 1-	2 ACSR 6/1	0	0	866	166	36	4	3	0.01	1.12	0
20851281	20851077	3.46	17 1-	2 ACSR 6/1	0	0	829	165	33	4	2	0.02	1.14	0
20851282	20851281	3.51	2 1-	2 ACSR 6/1	0	0	819	165	4	0	0	0.00	1.14	0
20850002	20851281	3.55	15 1-	2 ACSR 6/1	0	0	812	164	29	3	2	0.01	1.15	0
D20-85-P014	20850002	3.55	15 1-	FUS-20	0	0	812	164	29	3	21	0.00	1.15	0
20851283	D20-85-P014	3.61	15 1-	2 ACSR 6/1	0	0	802	164	29	3	2	0.01	1.16	0
20851284	20851283	3.71	14 1-	2 ACSR 6/1	0	0	785	163	28	3	2	0.01	1.17	0
20851285	20851284	3.80	14 1-	2 ACSR 6/1	0	0	770	163	28	3	2	0.01	1.18	0
20851286	20851285	3.98	13 1-	2 ACSR 6/1	0	0	743	162	26	3	2	0.02	1.19	0
20850667	20851286	4.03	4 1-	2 ACSR 6/1	0	0	737	161	9	1	1	0.00	1.20	0
20850668	20850667	4.08	3 1-	2 ACSR 6/1	0	0	729	161	4	0	0	0.00	1.20	0
20850004	20850668	4.16	1 1-	2 ACSR 6/1	0	0	718	160	3	0	0	0.00	1.20	0
20850003	20850668	4.16	1 1-	2 ACSR 6/1	0	0	718	160	0	0	0	0.00	1.20	0
20850005	20851286	4.07	9 1-	2 ACSR 6/1	0	0	730	161	17	2	1	0.00	1.20	0
20850188	20850005	4.24	8 1-	2 ACSR 6/1	0	0	708	160	12	1	1	0.01	1.21	0
20851009	20850188	4.62	7 1-	2 ACSR 6/1	0	0	659	157	12	1	1	0.02	1.22	0
20840001	20851009	4.70	5 1-	2 ACSR 6/1	0	0	650	157	8	1	1	0.00	1.23	0
20840004	20840001	4.74	1 1-	15 KV 2 URD XLP	0	0	647	310	1	0	0	0.00	1.23	0
20840002	20840001	4.77	4 1-	2 ACSR 6/1	0	0	643	157	7	0	0	0.00	1.23	0
20850276	20840002	4.93	3 1-	2 ACSR 6/1	0	0	625	156	5	0	0	0.00	1.23	0
20850277	20850276	5.15	2 1-	2 ACSR 6/1	0	0	603	154	4	0	0	0.00	1.23	0
20850177	20850277	5.46	1 1-	2 ACSR 6/1	0	0	574	153	1	0	0	0.00	1.23	0
20851072	20851009	4.70	1 1-	2 ACSR 6/1	0	0	651	157	3	0	0	0.00	1.22	0
20850541	20850999	2.17	2 1-	2 ACSR 6/1	0	0	1150	174	7	0	0	0.00	0.94	0
20850542	20850541	2.34	1 1-	2 ACSR 6/1	0	0	1097	173	5	0	0	0.00	0.94	0
D20-65-P016A	20850352	1.56	6 1-	REC-35-L	0	0	1397	178	13	1	5	0.00	0.85	0
20650018	D20-65-P016A	1.63	6 1-	2 ACSR 6/1	0	0	1365	178	13	1	1	0.00	0.85	0
20850445	20650018	1.72	1 1-	2 ACSR 6/1	0	0	1327	177	1	0	0	0.00	0.85	0
20850859	20650018	2.30	5 1-	2 ACSR 6/1	0	0	1109	173	12	1	1	0.03	0.88	0
20850860	20850859	2.45	4 1-	2 ACSR 6/1	0	0	1062	172	10	1	1	0.01	0.88	0
20850891	20850860	2.58	3 1-	2 ACSR 6/1	0	0	1025	171	6	0	0	0.00	0.88	0
20850845	20850891	2.60	2 1-	2 ACSR 6/1	0	0	1020	171	5	0	0	0.00	0.89	0
20850846	20850845	2.74	1 1-	2 ACSR 6/1	0	0	984	170	2	0	0	0.00	0.89	0
20850350	20850846	3.19	0 1-	2 ACSR 6/1	0	0	881	167	0	0	0	0.00	0.89	0
20850861	20850860	2.53	1 1-	2 ACSR 6/1	0	0	1039	171	4	0	0	0.00	0.88	0
20550005	20850400	0.67	146 3-	1/0 ACSR 6/1	2019	2008	1994	185	451	19	8	0.00	0.26	7
20850799	20550005	0.80	101 3-	1/0 ACSR 6/1	1953	1932	1900	185	299	12	5	0.00	0.28	8
20850908	20850799	1.00	100 3-	1/0 ACSR 6/1	1854	1820	1766	183	297	12	5	0.00	0.32	12
20550011	20850908	1.07	98 3-	1/0 ACSR 6/1	1822	1783	1723	183	293	12	5	0.00	0.33	4
20550013	20550011	1.16	1 1-	2 ACSR 6/1	0	0	1622	182	5	0	0	0.00	0.07	0
20550012	20550011	1.07	97 3-	1/0 ACSR 6/1	1819	1780	1719	183	287	12	5	0.00	0.34	0
20-55-P063-B	20550012	1.07	97 3-	Closed	1819	1780	1719	183	287	12	0	0.00	0.34	0
20-55-P063-A	20-55-P063-B	1.07	97 3-	Closed	1819	1780	1719	183	287	12	0	0.00	0.34	0
20850923	20-55-P063-A	1.18	97 3-	1/0 ACSR 6/1	1774	1730	1662	183	287	12	5	0.00	0.35	6
20850907	20850923	1.31	95 3-	1/0 ACSR 6/1	1718	1667	1590	182	283	11	5	0.00	0.38	8
20850800	20850907	1.38	94 3-	1/0 ACSR 6/1	1690	1636	1556	181	275	11	5	0.00	0.39	4
20850801	20850800	1.43	10 1-	2 ACSR 6/1	0	0	1525	181	22	2	2	0.00	0.36	0
20850802	20850801	1.56	9 1-	2 ACSR 6/1	0	0	1456	180	17	2	1	0.01	0.37	0
20850804	20850802	1.65	8 1-	2 ACSR 6/1	0	0	1411	179	17	2	1	0.01	0.37	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850805	20850804	1.67	7 1-	2 ACSR 6/1	0	0	1401	179	15	1	1	0.00	0.37	0
20850912	20850805	1.71	6 1-	2 ACSR 6/1	0	0	1382	179	14	1	1	0.00	0.38	0
20851106	20850912	1.75	2 1-	2 ACSR 6/1	0	0	1365	179	5	0	0	0.00	0.38	0
20851107	20850912	1.87	3 1-	2 ACSR 6/1	0	0	1312	178	6	0	0	0.00	0.38	0
20850979	20851107	1.92	2 1-	2 ACSR 6/1	0	0	1290	177	4	0	0	0.00	0.38	0
20850803	20850805	1.71	1 1-	2 ACSR 6/1	0	0	1383	179	1	0	0	0.00	0.37	0
20850980	20850800	1.67	84 3-	1/0 ACSR 6/1	1581	1517	1425	180	254	10	5	0.00	0.44	13
20851080	20850980	1.73	83 3-	1/0 ACSR 6/1	1559	1493	1399	180	253	10	5	0.00	0.45	3
20851081	20851080	1.99	82 3-	1/0 ACSR 6/1	1472	1400	1300	178	252	10	5	0.00	0.50	12
20851082	20851081	2.09	82 3-	1/0 ACSR 6/1	1442	1369	1267	178	252	10	5	0.00	0.51	4
20851084	20851082	2.26	0 1-	2 ACSR 6/1	0	0	1202	176	0	0	0	0.00	0.59	0
20851083	20851082	2.21	81 3-	1/0 ACSR 6/1	1407	1332	1228	177	244	10	4	0.00	0.53	5
20851085	20851083	2.34	0 1-	2 ACSR 6/1	0	0	1182	176	0	0	0	0.00	0.62	0
20851108	20851083	2.24	81 3-	1/0 ACSR 6/1	1400	1324	1220	177	244	10	4	0.00	0.54	0
20851109	20851108	2.31	79 3-	1/0 ACSR 6/1	1379	1302	1198	177	239	10	4	0.00	0.55	3
20851058	20851109	2.39	78 3-	1/0 ACSR 6/1	1357	1280	1174	176	236	9	4	0.00	0.56	3
20560025	20851058	2.45	77 3-	1/0 ACSR 6/1	1341	1262	1157	176	234	9	4	0.00	0.57	2
20560026	20560025	2.51	76 3-	1/0 ACSR 6/1	1326	1248	1142	176	225	9	4	0.00	0.58	2
20851138	20560026	2.52	41 3-	1/0 ACSR 6/1	1322	1243	1137	176	139	5	3	0.00	0.58	0
20560019	20851138	2.56	39 3-	1/0 ACSR 6/1	1312	1233	1127	175	137	5	3	0.00	0.58	0
20460019	20560019	2.62	1 3- 15	KV 2 URD XLP	1300	1221	1114	397	0	0	0	0.00	0.58	0
20460018	20560019	2.65	38 3-	1/0 ACSR 6/1	1289	1209	1103	175	137	5	3	0.01	0.59	0
20460004	20460018	2.70	1 1-	2 ACSR 6/1	0	0	1088	175	5	0	0	0.00	0.07	0
20460001	20460018	2.74	36 3-	1/0 ACSR 6/1	1269	1189	1082	174	128	5	2	0.00	0.60	0
20460005	20460001	2.80	31 3-	1/0 ACSR 6/1	1255	1174	1067	174	114	4	2	0.00	0.60	0
20460015	20460005	2.85	30 3-	1/0 ACSR 6/1	1243	1161	1054	174	111	4	2	0.00	0.61	0
20460016	20460015	2.90	29 3-	1/0 ACSR 6/1	1232	1151	1044	174	105	4	2	0.00	0.61	0
20460007	20460016	3.06	27 3-	1/0 ACSR 6/1	1196	1114	1007	173	98	4	2	0.01	0.62	0
20460008	20460007	3.17	26 3-	1/0 ACSR 6/1	1174	1091	985	172	95	4	2	0.01	0.63	0
20460009	20460008	3.21	25 3-	1/0 ACSR 6/1	1166	1083	977	172	93	3	2	0.00	0.63	0
20450018	20460009	3.29	24 3-	1/0 ACSR 6/1	1151	1068	962	172	88	3	2	0.00	0.64	0
20450019	20450018	3.41	23 3-	1/0 ACSR 6/1	1126	1043	937	171	85	3	2	0.01	0.64	0
20450020	20450019	3.51	21 3-	1/0 ACSR 6/1	1109	1026	921	171	75	3	1	0.00	0.65	0
20450021	20450020	3.55	3 1-	2 ACSR 6/1	0	0	911	170	12	1	1	0.00	0.81	0
20450016	20450021	3.68	1 1-	2 ACSR 6/1	0	0	884	169	5	0	0	0.00	0.81	0
20450005	20450020	3.68	18 3-	2 ACSR 6/1	1070	987	884	169	62	2	1	0.01	0.66	0
20450022	20450005	3.83	0 1-	2 ACSR 6/1	0	0	855	168	0	0	0	0.00	0.83	0
20450006	20450005	3.77	18 3-	2 ACSR 6/1	1052	969	867	169	62	2	1	0.01	0.66	0
D20-35-P041	20450006	3.77	18 3-	REC-50-H	1052	969	867	169	62	2	5	0.00	0.66	0
20350026	D20-35-P041	3.97	18 3-	1/0 ACSR 6/1	1020	937	836	168	62	2	1	0.01	0.67	0
20350028	20350026	4.06	0 1-	2 ACSR 6/1	0	0	819	167	0	0	0	0.00	0.85	0
20350027	20350026	4.04	17 3-	1/0 ACSR 6/1	1009	926	826	167	60	2	1	0.00	0.67	0
20350029	20350027	4.09	1 1-	2 ACSR 6/1	0	0	817	167	8	1	1	0.00	0.15	0
20350021	20350027	4.15	16 3-	1/0 ACSR 6/1	992	909	810	167	52	2	1	0.00	0.68	0
20350036	20350021	4.35	13 3-	1/0 ACSR 6/1	962	880	782	166	36	1	1	0.01	0.68	0
20350035	20350036	4.53	9 3-	1/0 ACSR 6/1	938	857	760	165	24	1	0	0.00	0.69	0
20350025	20350035	4.74	8 3-	1/0 ACSR 6/1	911	830	735	164	21	0	0	0.00	0.69	0
20360005	20350025	4.92	7 3-	1/0 ACSR 6/1	888	809	715	163	16	0	0	0.00	0.69	0
20360006	20360005	5.11	7 3-	1/0 ACSR 6/1	866	787	695	162	16	0	0	0.00	0.69	0
20360003	20360006	5.25	6 3-	1/0 ACSR 6/1	850	772	680	162	16	0	0	0.00	0.69	0
20360004	20360003	5.56	6 3-	1/0 ACSR 6/1	818	741	652	160	16	0	0	0.01	0.70	0
20260006	20360004	6.19	5 3-	1/0 ACSR 6/1	758	684	599	158	15	0	0	0.01	0.70	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20250008	20260006	6.63	0 1-	2 ACSR 6/1	0	0	560	155	0	0	0	0.00	0.20	0
20250006	20260006	6.35	5 3-	1/0 ACSR 6/1	744	671	587	157	15	0	0	0.00	0.71	0
20260007	20250006	6.71	4 3-	1/0 ACSR 6/1	715	643	561	155	13	0	0	0.01	0.71	0
20260012	20260007	6.82	3 3-	1/0 ACSR 6/1	706	635	554	155	11	0	0	0.00	0.71	0
20260013	20260012	7.19	3 3-	1/0 ACSR 6/1	679	609	530	153	11	0	0	0.01	0.71	0
20260011	20260013	7.30	0 1-	2 ACSR 6/1	0	0	522	153	0	0	0	0.00	0.23	0
20260010	20260013	7.59	3 3-	1/0 ACSR 6/1	652	584	508	152	11	0	0	0.01	0.71	0
20852004	20260010	7.90	1 3-	1/0 ACSR 6/1	631	565	491	150	2	0	0	0.00	0.71	0
20852003	20852004	7.92	0 3-	1/0 ACSR 6/1	631	564	490	150	0	0	0	0.00	0.71	0
20-17-P045-A	20852003	7.92	0 3-	Open	631	564	490	150	0	0	0	0.00	0.71	0
	20260010	7.69	2 1-	2 ACSR 6/1	0	0	501	151	9	1	1	0.00	0.24	0
20360002	20360006	5.18	1 1-	2 ACSR 6/1	0	0	686	162	0	0	0	0.00	0.87	0
20350024	20350035	4.61	1 1-	2 ACSR 6/1	0	0	748	165	2	0	0	0.00	0.86	0
20350038	20350036	4.46	2 1-	2 ACSR 6/1	0	0	766	165	5	0	0	0.00	0.16	0
20350037	20350038	4.53	1 1-	2 ACSR 6/1	0	0	755	165	2	0	0	0.00	0.16	0
20350033	20350037	5.23	0 1-	2 ACSR 6/1	0	0	664	160	0	0	0	0.00	0.16	0
20350034	20350033	5.31	0 1-	2 ACSR 6/1	0	0	655	160	0	0	0	0.00	0.16	0
20350020	20350033	5.31	0 1-	2 ACSR 6/1	0	0	655	160	0	0	0	0.00	0.16	0
20350019	20350021	4.17	3 1-	2 ACSR 6/1	0	0	807	167	16	2	1	0.00	0.86	0
20350031	20350019	4.26	2 1-	2 ACSR 6/1	0	0	791	166	13	1	1	0.00	0.86	0
20350032	20350031	4.31	1 1-	2 ACSR 6/1	0	0	783	166	7	0	0	0.00	0.86	0
20350030	20350019	4.22	1 1-	2 ACSR 6/1	0	0	798	166	3	0	0	0.00	0.86	0
20450015	20460009	3.26	1 1-	2 ACSR 6/1	0	0	965	172	6	0	0	0.00	0.10	0
20460006	20460016	3.01	1 1-	2 ACSR 6/1	0	0	1015	173	1	0	0	0.00	0.08	0
20460002	20460001	2.82	3 1-	2 ACSR 6/1	0	0	1058	174	8	0	1	0.00	0.74	0
20460003	20460002	3.12	0 1-	2 ACSR 6/1	0	0	980	172	0	0	0	0.00	0.74	0
20851059	20851138	2.55	2 1-	2 ACSR 6/1	0	0	1128	175	2	0	0	0.00	0.72	0
20851137	20560026	2.56	31 1-	2 ACSR 6/1	0	0	1125	175	79	10	6	0.01	0.73	0
20851276	20851137	2.60	28 1-	2 ACSR 6/1	0	0	1112	175	71	9	5	0.01	0.74	0
20851277	20851276	2.66	25 1-	2 ACSR 6/1	0	0	1093	174	62	7	4	0.01	0.75	0
D20-56-P019	20851277	2.66	25 1-	REC-35-L	0	0	1093	174	62	7	22	0.00	0.75	0
20851278	D20-56-P019	2.71	25 1-	2 ACSR 6/1	0	0	1078	174	62	7	4	0.01	0.77	0
20851280	20851278	2.80	22 1-	2 ACSR 6/1	0	0	1053	173	58	7	4	0.02	0.78	0
20851131	20851280	2.88	20 1-	2 ACSR 6/1	0	0	1031	173	55	7	4	0.02	0.80	0
20851132	20851131	2.96	19 1-	2 ACSR 6/1	0	0	1010	172	53	6	4	0.02	0.82	0
20851314	20851132	3.01	1 1-	2 ACSR 6/1	0	0	999	172	2	0	0	0.00	0.82	0
20851699	20851314	3.04	1 1-	2 ACSR 6/1	0	0	991	172	2	0	0	0.00	0.82	0
20851545	20851132	3.08	18 1-	2 ACSR 6/1	0	0	980	171	52	6	4	0.02	0.84	0
20851700	20851545	3.12	17 1-	2 ACSR 6/1	0	0	971	171	46	5	3	0.01	0.84	0
20851670	20851700	3.16	1 1-	2 ACSR 6/1	0	0	961	171	6	0	0	0.00	0.84	0
20851669	20851700	3.19	15 1-	2 ACSR 6/1	0	0	955	171	38	4	3	0.01	0.85	0
20851146	20851669	3.25	14 1-	2 ACSR 6/1	0	0	940	170	34	4	2	0.01	0.86	0
20851147	20851146	3.27	14 1-	2 ACSR 6/1	0	0	936	170	34	4	2	0.00	0.86	0
20460010	20851147	3.35	2 1-	2 ACSR 6/1	0	0	917	170	3	0	0	0.00	0.86	0
20460011	20460010	3.68	1 1-	2 ACSR 6/1	0	0	851	167	1	0	0	0.00	0.87	0
20460014	20460011	4.08	1 1-	2 ACSR 6/1	0	0	782	165	1	0	0	0.00	0.87	0
20470001	20460014	4.16	1 1-	2 ACSR 6/1	0	0	769	164	1	0	0	0.00	0.87	0
20470002	20470001	4.89	0 1-	2 ACSR 6/1	0	0	670	159	0	0	0	0.00	0.87	0
2046	20851147	3.34	12 1-	2 ACSR 6/1	0	0	919	170	31	3	2	0.01	0.87	0
20851145	2046	3.51	3 1-	2 ACSR 6/1	0	0	885	168	9	1	1	0.01	0.88	0
20851659	20851145	3.60	1 1-	2 ACSR 6/1	0	0	866	168	6	0	0	0.00	0.88	0
20851658	20851145	3.55	1 1-	2 ACSR 6/1	0	0	877	168	2	0	0	0.00	0.88	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20560014	2046	3.40	9 1-	2 ACSR 6/1	0	0	908	169	22	2	2	0.00	0.88	0
20851060	20560014	3.47	1 1-	2 ACSR 6/1	0	0	893	169	4	0	0	0.00	0.88	0
20560015	20560014	3.58	8 1-	2 ACSR 6/1	0	0	870	168	18	2	1	0.01	0.89	0
20851076	20560015	3.64	2 1-	2 ACSR 6/1	0	0	858	168	3	0	0	0.00	0.89	0
20851251	20560015	3.67	1 1-	2 ACSR 6/1	0	0	853	167	2	0	0	0.00	0.89	0
20560016	20560015	3.96	5 1-	2 ACSR 6/1	0	0	801	165	13	1	1	0.02	0.91	0
20851671	20560016	3.99	1 1-	2 ACSR 6/1	0	0	796	165	3	0	0	0.00	0.91	0
20570005	20560016	4.05	4 1-	2 ACSR 6/1	0	0	787	165	10	1	1	0.00	0.91	0
D20-57-P007	20570005	4.05	4 1-	SEC-35-GH	0	0	787	165	10	1	0	0.00	0.91	0
20570004	D20-57-P007	4.14	4 1-	2 ACSR 6/1	0	0	772	164	10	1	1	0.00	0.91	0
20570007	20570004	4.31	0 1-	2 ACSR 6/1	0	0	747	163	0	0	0	0.00	0.91	0
20570008	20570007	4.57	0 1-	2 ACSR 6/1	0	0	710	161	0	0	0	0.00	0.91	0
20851660	20570008	4.74	0 1-	2 ACSR 6/1	0	0	689	160	0	0	0	0.00	0.91	0
20851662	20570004	4.19	2 1-	2 ACSR 6/1	0	0	764	164	2	0	0	0.00	0.91	0
20850858	20570004	5.00	1 1-	1/0 1PSC	0	0	666	160	5	0	0	0.01	0.92	0
20851661	20570004	4.19	1 1-	2 ACSR 6/1	0	0	765	164	3	0	0	0.00	0.91	0
20570006	20570005	4.12	0 1-	2 ACSR 6/1	0	0	776	164	0	0	0	0.00	0.91	0
20560020	20851669	3.23	1 1-	2 ACSR 6/1	0	0	943	170	4	0	0	0.00	0.85	0
20560024	20851545	3.12	1 1-	2 ACSR 6/1	0	0	970	171	6	0	0	0.00	0.84	0
20851279	20851278	2.78	1 1-	2 ACSR 6/1	0	0	1059	174	2	0	0	0.00	0.77	0
20851275	20851137	2.59	2 1-	2 ACSR 6/1	0	0	1114	175	7	0	0	0.00	0.73	0
20851136	20560026	2.59	2 1-	2 ACSR 6/1	0	0	1117	175	4	0	0	0.00	0.72	0
20560017	20851081	2.04	0 1-	2 ACSR 6/1	0	0	1281	178	0	0	0	0.00	0.56	0
20850906	20850923	1.25	1 1-	2 ACSR 6/1	0	0	1613	182	3	0	0	0.00	0.07	0
20850796	20550005	0.76	45 1-	2 ACSR 6/1	0	0	1921	185	152	19	11	0.05	0.65	6
20850798	20850796	0.80	1 1-	2 ACSR 6/1	0	0	1885	184	7	0	1	0.00	0.65	0
20850875	20850798	0.84	0 1-	2 ACSR 6/1	0	0	1851	184	0	0	0	0.00	0.65	0
20850797	20850796	0.93	44 1-	2 ACSR 6/1	0	0	1780	183	145	18	10	0.10	0.75	11
D20-65-P040	20850797	0.93	44 1-	REC-35-L	0	0	1780	183	144	18	53	0.00	0.75	0
20850543	D20-65-P040	1.03	44 1-	2 ACSR 6/1	0	0	1709	182	144	18	10	0.06	0.80	6
20850532	20850543	1.25	43 1-	2 ACSR 6/1	0	0	1574	181	143	18	10	0.12	0.92	13
20850533	20850532	1.42	42 1-	2 ACSR 6/1	0	0	1472	179	142	18	10	0.10	1.02	11
20850525	20850533	1.52	41 1-	2 ACSR 6/1	0	0	1421	179	140	18	10	0.05	1.07	6
20850526	20850525	1.98	40 1-	2 ACSR 6/1	0	0	1223	175	137	17	10	0.24	1.32	25
20650020	20850526	2.25	39 1-	2 ACSR 6/1	0	0	1127	173	135	17	10	0.14	1.46	15
20660003	20650020	2.56	39 1-	2 ACSR 6/1	0	0	1033	171	134	17	10	0.16	1.62	17
20851001	20660003	2.72	38 1-	2 ACSR 6/1	0	0	989	170	134	17	10	0.09	1.71	9
20851002	20851001	2.82	37 1-	2 ACSR 6/1	0	0	966	169	133	17	10	0.05	1.76	5
20851003	20851002	2.87	36 1-	2 ACSR 6/1	0	0	954	169	131	17	9	0.03	1.78	3
20851005	20851003	2.96	35 1-	2 ACSR 6/1	0	0	932	168	129	16	9	0.05	1.83	5
20851006	20851005	3.08	34 1-	2 ACSR 6/1	0	0	906	168	127	16	9	0.06	1.89	6
20851007	20851006	3.16	34 1-	2 ACSR 6/1	0	0	889	167	127	16	9	0.04	1.93	4
20851008	20851007	3.25	2 1-	2 ACSR 6/1	0	0	870	166	7	0	1	0.00	1.93	0
20760002	20851007	3.39	32 1-	2 ACSR 6/1	0	0	843	165	120	15	9	0.11	2.04	10
20850168	20760002	3.43	2 1-	2 ACSR 6/1	0	0	836	165	4	0	0	0.00	2.04	0
20850169	20760002	3.60	30 1-	2 ACSR 6/1	0	0	806	164	116	15	8	0.09	2.13	8
20850170	20850169	3.65	28 1-	2 ACSR 6/1	0	0	797	164	114	14	8	0.02	2.16	2
20850171	20850170	3.85	27 1-	2 ACSR 6/1	0	0	764	162	113	14	8	0.09	2.25	8
20850172	20850171	4.16	27 1-	2 ACSR 6/1	0	0	719	160	113	14	8	0.14	2.39	12
20850174	20850172	4.21	1 1-	2 ACSR 6/1	0	0	712	160	1	0	0	0.00	2.39	0
20850173	20850172	4.24	25 1-	2 ACSR 6/1	0	0	709	160	112	14	8	0.03	2.42	3
20850128	20850173	4.28	1 1-	2 ACSR 6/1	0	0	703	160	1	0	0	0.00	2.42	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
20860005	20850173	4.28	24 1-	2 ACSR 6/1	0	0	703	160	110	14	8	0.02	2.44	2
D20-86-P020	20860005	4.28	24 1-	REC-25-H	0	0	703	160	110	14	58	0.00	2.44	0
20860004	D20-86-P020	4.67	24 1-	2 ACSR 6/1	0	0	655	157	110	14	8	0.17	2.61	14
20850178	20860004	4.73	1 1-	2 ACSR 6/1	0	0	648	157	4	0	0	0.00	2.61	0
20850179	20850178	4.83	0 1-	2 ACSR 6/1	0	0	637	156	0	0	0	0.00	2.61	0
20970002	20860004	4.97	23 1-	2 ACSR 6/1	0	0	622	156	106	13	8	0.13	2.74	10
20960002	20970002	5.08	23 1-	2 ACSR 6/1	0	0	611	155	106	13	8	0.05	2.78	4
26060011	20960002	5.19	22 1-	2 ACSR 6/1	0	0	600	154	105	13	8	0.05	2.83	4
26060012	26060011	5.23	20 1-	2 ACSR 6/1	0	0	596	154	101	13	7	0.02	2.85	1
26060009	26060012	5.30	18 1-	2 ACSR 6/1	0	0	589	154	97	12	7	0.03	2.87	2
26060010	26060009	6.22	17 1-	2 ACSR 6/1	0	0	514	148	96	12	7	0.35	3.22	26
26160022	26060010	6.45	13 1-	2 ACSR 6/1	0	0	499	147	81	10	6	0.07	3.30	4
26160024	26160022	6.50	12 1-	2 ACSR 6/1	0	0	495	147	76	10	6	0.02	3.31	0
26160025	26160024	6.76	11 1-	2 ACSR 6/1	0	0	478	145	70	9	5	0.08	3.39	4
26160009	26160025	6.88	10 1-	2 ACSR 6/1	0	0	471	145	64	8	5	0.03	3.42	2
D26-16-P005	26160009	6.88	10 1-	SEC-25-GH	0	0	471	145	64	8	0	0.00	3.42	0
26160026	D26-16-P005	7.90	10 1-	2 ACSR 6/1	0	0	417	140	64	8	5	0.26	3.68	12
26270002	26160026	8.59	8 1-	2 ACSR 6/1	0	0	387	136	57	7	4	0.17	3.85	7
26360009	26270002	8.68	3 1-	2 ACSR 6/1	0	0	383	136	10	1	1	0.00	3.85	0
26360004	26270002	8.67	5 1-	2 ACSR 6/1	0	0	383	136	47	6	4	0.02	3.87	0
26360010	26360004	9.57	4 1-	2 ACSR 6/1	0	0	351	132	42	5	3	0.16	4.03	5
26460005	26360010	9.68	3 1-	2 ACSR 6/1	0	0	347	131	40	5	3	0.02	4.05	0
26460006	26460005	9.73	3 1-	2 ACSR 6/1	0	0	345	131	40	5	3	0.01	4.06	0
26460001	26460006	9.99	2 1-	2 ACSR 6/1	0	0	337	130	38	5	3	0.04	4.10	0
26460002	26460001	10.03	1 1-	2 ACSR 6/1	0	0	336	130	29	4	2	0.00	4.10	0
26360008	26360004	8.78	1 1-	2 ACSR 6/1	0	0	379	135	5	0	0	0.00	3.87	0
26360003	26270002	8.71	0 1-	2 ACSR 6/1	0	0	382	136	0	0	0	0.00	3.85	0
26160008	26160025	6.96	1 1-	2 ACSR 6/1	0	0	466	144	6	0	0	0.00	3.39	0
26160019	26060010	6.28	4 1-	2 ACSR 6/1	0	0	510	148	14	1	1	0.00	3.23	0
26160020	26160019	6.33	3 1-	2 ACSR 6/1	0	0	506	148	14	1	1	0.00	3.23	0
26160021	26160020	6.49	2 1-	2 ACSR 6/1	0	0	496	147	14	1	1	0.01	3.24	0
26160023	26160021	6.55	2 1-	2 ACSR 6/1	0	0	491	146	14	1	1	0.00	3.24	0
26160027	26160023	6.64	1 1-	15 KV 2 URD XLP	0	0	487	268	4	0	0	0.00	3.24	0
20851004	20851003	2.96	0 1-	2 ACSR 6/1	0	0	932	168	0	0	0	0.00	1.78	0
20760003	20851003	2.95	1 1-	2 ACSR 6/1	0	0	935	168	3	0	0	0.00	1.78	0
20851000	20660003	2.94	1 1-	2 ACSR 6/1	0	0	936	168	0	0	0	0.00	1.62	0
20850733	20850526	2.03	1 1-	2 ACSR 6/1	0	0	1205	175	2	0	0	0.00	1.32	0
20850399	20850398	0.33	1 1-	2 ACSR 6/1	0	0	2280	187	3	0	0	0.00	0.04	0

CKT 1 total losses: \$557

SUB 41, CKT 2

BK4102	JELLICO(41)	0.00	425 3-	BK4102	2436	2487	2656	189	2045	85	36	0.00	0.00	0
20540011	BK4102	0.01	425 3-	1/0 ACSR 6/1	2426	2475	2638	189	2045	85	37	0.01	0.02	34
20540024	20540011	0.14	425 3-	1/0 ACSR 6/1	2339	2378	2489	188	2045	85	37	0.10	0.18	290
20540025	20540024	0.20	423 3-	1/0 ACSR 6/1	2298	2331	2421	188	2028	84	37	0.05	0.25	142
20540014	20540025	0.25	422 3-	1/0 ACSR 6/1	2267	2295	2371	188	2025	84	37	0.04	0.31	108
20540015	20540014	0.29	421 3-	1/0 ACSR 6/1	2240	2264	2327	187	2022	84	37	0.03	0.36	97
20540030	20540015	0.37	421 3-	1/0 ACSR 6/1	2190	2206	2248	187	2021	84	37	0.06	0.46	184
D20-54-P013	20540030	0.37	5 1-	REC-35-L	0	0	2248	187	19	2	7	0.00	0.80	0
20540026	D20-54-P013	0.55	5 1-	2 ACSR 6/1	0	0	2069	185	19	2	1	0.01	0.81	0
20540033	20540026	0.59	1 1-	1/0 ACSR 6/1	0	0	2034	185	11	1	1	0.00	0.81	0
20540032	20540026	1.08	4 1-	2 ACSR 6/1	0	0	1650	181	8	1	1	0.02	0.83	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20440005	20540032	1.27	4 1-	2 ACSR 6/1	0	0	1530	180	8	1	1	0.01	0.83	0
20440004	20440005	2.56	4 1-	2 ACSR 6/1	0	0	1020	171	8	1	1	0.04	0.87	0
20852126	20440004	2.64	3 1-	2 ACSR 6/1	0	0	957	170	6	0	0	0.00	0.87	0
20852178	20852126	2.82	2 1-	2 ACSR 6/1	0	0	992	169	4	0	0	0.00	0.87	0
20852180	20852178	2.92	1 1-	2 ACSR 6/1	0	0	930	168	2	0	0	0.00	0.87	0
20852179	20852178	2.87	1 1-	2 ACSR 6/1	0	0	941	168	1	0	0	0.00	0.87	0
20852125	20440004	2.67	1 1-	2 ACSR 6/1	0	0	990	170	3	0	0	0.00	0.87	0
20852124	20440004	2.69	0 1-	2 ACSR 6/1	0	0	985	170	0	0	0	0.00	0.87	0
20540017	20540030	0.45	416 3-	1/0 ACSR 6/1	2146	2155	2181	186	2000	83	36	0.06	0.55	161
20540018	20540017	0.65	415 3-	1/0 ACSR 6/1	2032	2022	2011	185	1994	83	36	0.16	0.80	446
20540020	20540018	0.72	414 3-	1/0 ACSR 6/1	1992	1977	1955	185	1984	83	36	0.06	0.88	161
20540021	20540020	0.81	413 3-	1/0 ACSR 6/1	1945	1923	1889	184	1982	83	36	0.07	0.99	201
20540027	20540021	0.88	413 3-	1/0 ACSR 6/1	1913	1887	1845	184	1980	83	36	0.05	1.07	139
20540028	20540027	1.47	413 3-	1/0 ACSR 6/1	1654	1596	1512	181	1979	83	36	0.46	1.79	1305
20630007	20540028	1.83	413 3-	1/0 ACSR 6/1	1526	1458	1361	179	1967	83	36	0.28	2.21	785
20852036	20630007	1.90	1 1-	2 ACSR 6/1	0	0	1327	179	1	0	0	0.00	3.78	0
20630008	20630007	1.89	412 3-	1/0 ACSR 6/1	1504	1435	1337	179	1958	83	36	0.05	2.29	142
20852108	20630008	1.99	2 1-	2 ACSR 6/1	0	0	1294	178	2	0	0	0.00	3.92	0
20630009	20630008	1.97	410 3-	1/0 ACSR 6/1	1479	1408	1308	178	1955	83	36	0.06	2.39	175
20852037	20630009	2.13	410 3-	1/0 ACSR 6/1	1430	1356	1254	178	1953	83	36	0.12	2.58	347
20852038	20852037	2.20	409 3-	1/0 ACSR 6/1	1409	1334	1231	177	1944	83	36	0.06	2.66	156
20852039	20852038	2.27	408 3-	1/0 ACSR 6/1	1390	1314	1210	177	1939	82	36	0.05	2.74	145
D20-63-P002	20852039	2.27	62 1-	REC-50-L	0	0	1210	177	296	38	78	0.00	4.68	0
20852040	D20-63-P002	2.35	62 1-	2 ACSR 6/1	0	0	1180	176	296	38	22	0.09	4.78	22
20850349	20852040	2.42	60 1-	2 ACSR 6/1	0	0	1158	176	289	38	21	0.07	4.85	16
20850504	20850349	2.50	57 1-	2 ACSR 6/1	0	0	1132	175	275	36	20	0.08	4.93	17
20852109	20850504	2.79	54 1-	2 ACSR 6/1	0	0	1045	173	258	33	19	0.29	5.22	60
20530002	20852109	3.37	52 1-	2 ACSR 6/1	0	0	905	169	252	33	18	0.56	5.78	113
20530003	20530002	3.57	52 1-	2 ACSR 6/1	0	0	864	168	250	33	18	0.19	5.97	39
20530004	20530003	3.67	52 1-	2 ACSR 6/1	0	0	846	167	250	33	18	0.09	6.06	18
20852175	20530004	3.75	51 1-	2 ACSR 6/1	0	0	831	166	249	33	18	0.08	6.14	16
D20-43-P005	20852175	3.75	50 1-	REC-35-H	0	0	831	166	246	32	93	0.00	6.14	0
20852176	D20-43-P005	3.82	50 1-	2 ACSR 6/1	0	0	818	166	246	32	18	0.07	6.21	14
20852177	20852176	4.17	49 1-	2 ACSR 6/1	0	0	761	164	243	32	18	0.32	6.53	62
20420015	20852177	4.23	48 1-	2 ACSR 6/1	0	0	752	163	232	31	17	0.06	6.59	11
D20-42-P008	20420015	4.23	11 1-	FUS	0	0	752	163	59	7	179	0.00	6.59	0
20420016	D20-42-P008	4.29	11 1-	2 ACSR 6/1	0	0	743	163	59	7	4	0.01	6.60	0
20420025	20420016	4.41	8 1-	2 ACSR 6/1	0	0	726	162	52	6	4	0.02	6.62	0
20420020	20420025	4.46	7 1-	2 ACSR 6/1	0	0	719	162	46	6	3	0.01	6.63	0
20420021	20420020	4.64	6 1-	2 ACSR 6/1	0	0	695	160	38	5	3	0.02	6.65	0
20420022	20420021	4.69	4 1-	2 ACSR 6/1	0	0	689	160	25	3	2	0.00	6.66	0
20420023	20420022	4.73	3 1-	2 ACSR 6/1	0	0	684	160	19	2	1	0.00	6.66	0
20420024	20420023	4.77	2 1-	2 ACSR 6/1	0	0	679	160	17	2	1	0.00	6.66	0
20420026	20420024	4.82	1 1-	2 ACSR 6/1	0	0	673	159	8	1	1	0.00	6.66	0
D20-42-P008A	20420015	4.23	37 1-	FUS	0	0	752	163	173	23	527	0.00	6.59	0
20420017	D20-42-P008A	4.27	37 1-	2 ACSR 6/1	0	0	745	163	173	23	13	0.03	6.62	4
20420018	20420017	4.42	37 1-	2 ACSR 6/1	0	0	725	162	173	23	13	0.10	6.71	13
20420019	20420018	4.49	36 1-	2 ACSR 6/1	0	0	715	161	172	23	13	0.05	6.76	7
20852111	20420019	4.56	1 1-	2 ACSR 6/1	0	0	706	161	4	0	0	0.00	6.76	0
20852112	20852111	4.60	0 1-	2 ACSR 6/1	0	0	700	161	0	0	0	0.00	6.76	0
20852110	20852112	4.66	0 1-	2 ACSR 6/1	0	0	693	160	0	0	0	0.00	6.76	0
20852009	20852112	4.66	0 1-	2 ACSR 6/1	0	0	693	160	0	0	0	0.00	6.76	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852010	20420019	4.77	35 1-	2 ACSR 6/1	0	0	680	160	168	22	12	0.17	6.93	23
20852113	20852010	4.81	1 1-	2 ACSR 6/1	0	0	675	159	1	0	0	0.00	6.93	0
20852011	20852010	4.96	33 1-	2 ACSR 6/1	0	0	657	158	153	20	11	0.12	7.05	15
20320014	20852011	5.05	31 1-	2 ACSR 6/1	0	0	646	158	145	19	11	0.05	7.10	6
D20-32-P017	20320014	5.05	15 1-	SEC-35-GH	0	0	646	158	68	9	0	0.00	7.10	0
20320020	D20-32-P017	5.22	15 1-	2 ACSR 6/1	0	0	628	157	68	9	5	0.04	7.15	2
20320021	20320020	5.26	11 1-	2 ACSR 6/1	0	0	624	157	64	8	5	0.01	7.15	0
20320030	20320021	5.37	10 1-	2 ACSR 6/1	0	0	613	156	55	7	4	0.02	7.18	0
20320031	20320030	5.49	9 1-	2 ACSR 6/1	0	0	601	155	52	7	4	0.02	7.20	0
20320029	20320031	5.55	7 1-	2 ACSR 6/1	0	0	595	155	43	5	3	0.01	7.21	0
20320022	20320029	5.62	5 1-	2 ACSR 6/1	0	0	589	154	35	4	3	0.01	7.22	0
20320023	20320022	5.69	4 1-	2 ACSR 6/1	0	0	583	154	25	3	2	0.01	7.22	0
20320015	20320023	6.19	3 1-	2 ACSR 6/1	0	0	540	151	11	1	1	0.02	7.24	0
20852048	20320015	6.26	1 1-	2 ACSR 6/1	0	0	535	151	3	0	0	0.00	7.24	0
20851934	20320015	6.35	2 1-	2 ACSR 6/1	0	0	528	150	8	1	1	0.00	7.25	0
20320024	20320023	5.75	1 1-	2 ACSR 6/1	0	0	577	154	14	1	1	0.00	7.22	0
20320016	20320014	5.63	16 1-	2 ACSR 6/1	0	0	587	154	77	10	6	0.17	7.28	11
20320027	20320016	5.75	14 1-	2 ACSR 6/1	0	0	577	154	68	9	5	0.03	7.31	2
20320028	20320027	5.77	13 1-	2 ACSR 6/1	0	0	575	154	64	8	5	0.01	7.31	0
20320036	20320028	5.81	12 1-	2 ACSR 6/1	0	0	572	153	64	8	5	0.01	7.32	0
20320026	20320036	5.87	11 1-	2 ACSR 6/1	0	0	566	153	62	8	5	0.01	7.33	0
20320033	20320026	5.96	8 1-	2 ACSR 6/1	0	0	559	152	47	6	4	0.02	7.35	0
20320034	20320033	6.13	7 1-	2 ACSR 6/1	0	0	545	151	37	4	3	0.02	7.37	0
20320025	20320034	6.19	5 1-	2 ACSR 6/1	0	0	541	151	34	4	3	0.01	7.38	0
20320035	20320025	6.55	4 1-	2 ACSR 6/1	0	0	513	149	27	3	2	0.04	7.42	0
20220003	20320035	6.64	3 1-	2 ACSR 6/1	0	0	507	149	17	2	1	0.01	7.42	0
20220001	20220003	6.72	2 1-	2 ACSR 6/1	0	0	502	148	12	1	1	0.00	7.42	0
19290005	20220001	6.74	1 1-	2 ACSR 6/1	0	0	500	148	7	0	0	0.00	7.43	0
19290004	19290005	6.77	1 1-	2 ACSR 6/1	0	0	498	148	7	0	0	0.00	7.43	0
19290003	19290005	6.80	0 1-	2 ACSR 6/1	0	0	496	148	0	0	0	0.00	7.43	0
20220002	20320035	6.82	1 1-	2 ACSR 6/1	0	0	495	148	10	1	1	0.01	7.42	0
20320017	20320016	5.91	2 1-	2 ACSR 6/1	0	0	563	153	9	1	1	0.01	7.29	0
20320032	20320017	6.09	2 1-	2 ACSR 6/1	0	0	548	152	9	1	1	0.00	7.29	0
20320018	20320017	5.95	0 1-	2 ACSR 6/1	0	0	560	153	0	0	0	0.00	7.29	0
20320019	20852011	5.00	2 1-	2 ACSR 6/1	0	0	652	158	8	1	1	0.00	7.05	0
20530001	20852109	2.85	2 1-	2 ACSR 6/1	0	0	1029	173	6	0	0	0.00	5.22	0
20850489	20850349	2.50	1 1-	2 ACSR 6/1	0	0	1132	175	12	1	1	0.00	4.85	0
20851746	20852039	2.54	346 3-	1/0 ACSR 6/1	1317	1238	1132	175	1642	69	30	0.29	3.01	393
20851747	20851746	2.60	345 3-	1/0 ACSR 6/1	1303	1223	1117	175	1638	69	30	0.06	3.06	82
20851748	20851747	2.72	345 3-	1/0 ACSR 6/1	1273	1193	1086	175	1637	69	30	0.13	3.18	174
20851750	20851748	2.81	7 1-	2 ACSR 6/1	0	0	1062	174	24	3	2	0.01	2.25	0
20852029	20851750	2.93	5 1-	2 ACSR 6/1	0	0	1028	173	21	2	2	0.01	2.26	0
20852030	20852029	3.03	1 1-	2 ACSR 6/1	0	0	1001	172	2	0	0	0.00	2.26	0
20851933	20852029	3.02	4 1-	2 ACSR 6/1	0	0	1004	172	19	2	1	0.00	2.27	0
20851663	20851933	3.11	2 1-	2 ACSR 6/1	0	0	982	172	8	1	1	0.00	2.27	0
20851749	20851748	2.84	337 3-	1/0 ACSR 6/1	1247	1165	1058	174	1608	68	30	0.11	3.29	158
20851863	20851749	2.96	333 3-	1/0 ACSR 6/1	1220	1138	1031	173	1580	67	29	0.11	3.40	161
20851851	20851863	3.00	1 1-	2 ACSR 6/1	0	0	1019	173	1	0	0	0.00	5.53	0
20851864	20851863	3.07	332 3-	1/0 ACSR 6/1	1194	1112	1005	173	1578	67	29	0.11	3.51	159
20851854	20851864	3.26	331 3-	1/0 ACSR 6/1	1155	1073	966	172	1573	67	29	0.18	3.69	250
20851856	20851854	3.38	4 1-	2 ACSR 6/1	0	0	939	171	14	1	1	0.00	2.77	0
20851855	20851854	3.57	326 3-	1/0 ACSR 6/1	1097	1014	909	170	1551	66	29	0.28	3.97	397

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
19780025	19780024	5.97	1 1-	2 ACSR 6/1	0	0	620	159	3	0	0	0.00	9.19	0
19780012	19780024	6.24	219 3-	1/0 ACSR 6/1	759	685	599	158	1108	49	21	0.08	6.17	271
19780026	19780012	6.32	1 1-	2 ACSR 6/1	0	0	592	157	4	0	0	0.00	4.54	0
19780015	19780012	6.46	24 1-	2 ACSR 6/1	0	0	580	157	103	13	8	0.08	4.62	7
D19-78-P006	19780015	6.46	24 1-	RBC-35-H	0	0	580	157	103	13	39	0.00	4.62	0
19780033	D19-78-P006	6.53	24 1-	2 ACSR 6/1	0	0	573	156	103	13	8	0.03	4.65	2
19780034	19780033	6.59	2 1-	2 ACSR 6/1	0	0	568	156	10	1	1	0.00	4.65	0
19770016	19780034	6.68	1 1-	2 ACSR 6/1	0	0	560	155	9	1	1	0.00	4.65	0
19770015	19780034	6.64	1 1-	2 ACSR 6/1	0	0	564	155	1	0	0	0.00	4.65	0
19780021	19780033	6.62	22 1-	2 ACSR 6/1	0	0	566	156	93	12	7	0.03	4.68	2
19770017	19780021	6.70	3 1-	2 ACSR 6/1	0	0	559	155	11	1	1	0.00	4.68	0
19770018	19770017	6.96	3 1-	2 ACSR 6/1	0	0	539	153	11	1	1	0.01	4.69	0
19770020	19770018	7.00	2 1-	2 ACSR 6/1	0	0	535	153	8	1	1	0.00	4.69	0
19770019	19770018	7.05	1 1-	2 ACSR 6/1	0	0	532	153	3	0	0	0.00	4.69	0
19770013	19780021	6.73	17 1-	2 ACSR 6/1	0	0	557	155	68	8	5	0.03	4.71	2
19770014	19770013	6.83	16 1-	2 ACSR 6/1	0	0	548	154	66	8	5	0.03	4.73	1
19670003	19770014	6.86	12 1-	2 ACSR 6/1	0	0	546	154	46	6	3	0.00	4.74	0
19670001	19670003	7.01	10 1-	2 ACSR 6/1	0	0	535	153	37	4	3	0.02	4.76	0
19680009	19670001	7.06	9 1-	2 ACSR 6/1	0	0	531	153	36	4	3	0.01	4.77	0
19680003	19680009	7.11	1 1-	2 ACSR 6/1	0	0	527	153	7	0	0	0.00	4.77	0
19680002	19680009	7.17	8 1-	2 ACSR 6/1	0	0	523	152	29	3	2	0.01	4.78	0
19680006	19680002	7.37	7 1-	2 ACSR 6/1	0	0	509	151	18	2	1	0.01	4.79	0
19680007	19680006	7.42	2 1-	2 ACSR 6/1	0	0	506	151	3	0	0	0.00	4.79	0
19680008	19680007	7.48	1 1-	2 ACSR 6/1	0	0	502	150	1	0	0	0.00	4.79	0
19680014	19680006	7.41	4 1-	2 ACSR 6/1	0	0	506	151	11	1	1	0.00	4.79	0
19680015	19680014	7.64	2 1-	2 ACSR 6/1	0	0	491	150	2	0	0	0.00	4.79	0
19680018	19680015	7.72	1 1-	2 ACSR 6/1	0	0	486	149	2	0	0	0.00	4.79	0
19680017	19680018	7.77	1 1-	2 ACSR 6/1	0	0	483	149	2	0	0	0.00	4.79	0
19680016	19680018	7.75	0 1-	2 ACSR 6/1	0	0	484	149	0	0	0	0.00	4.79	0
19680004	19680002	7.25	1 1-	2 ACSR 6/1	0	0	517	152	11	1	1	0.00	4.78	0
19680005	19680004	7.30	0 1-	2 ACSR 6/1	0	0	514	151	0	0	0	0.00	4.78	0
19670002	19770014	6.94	3 1-	2 ACSR 6/1	0	0	540	154	17	2	1	0.00	4.74	0
19770012	19780021	6.67	2 1-	2 ACSR 6/1	0	0	561	155	14	1	1	0.00	4.68	0
19780013	19780012	6.38	194 3-	1/0 ACSR 6/1	747	674	589	157	999	44	19	0.03	6.26	98
19780029	19780013	6.49	191 3-	1/0 ACSR 6/1	738	666	581	157	985	44	19	0.02	6.34	73
19780030	19780029	6.58	190 3-	1/0 ACSR 6/1	731	659	574	156	978	43	19	0.01	6.40	63
D19-78-P013	19780030	6.58	51 1-	RBC-35-H	0	0	574	156	271	37	107	0.00	10.04	0
19780017	D19-78-P013	6.67	51 1-	2 ACSR 6/1	0	0	566	156	271	37	21	0.10	10.14	24
19780031	19780017	6.81	3 1-	2 ACSR 6/1	0	0	555	155	7	0	0	0.00	10.15	0
19780032	19780031	6.85	2 1-	2 ACSR 6/1	0	0	552	155	4	0	0	0.00	10.15	0
19780016	19780017	6.72	48 1-	2 ACSR 6/1	0	0	563	156	264	36	20	0.05	10.19	10
19780035	19780016	6.87	2 1-	2 ACSR 6/1	0	0	550	155	12	1	1	0.00	10.19	0
19780036	19780016	6.91	46 1-	2 ACSR 6/1	0	0	547	154	252	34	19	0.19	10.38	40
19880009	19780036	6.97	45 1-	2 ACSR 6/1	0	0	543	154	250	34	19	0.06	10.44	13
19880016	19880009	7.05	44 1-	2 ACSR 6/1	0	0	537	154	248	34	19	0.08	10.52	16
19880014	19880016	7.18	43 1-	2 ACSR 6/1	0	0	527	153	238	32	18	0.13	10.65	25
19880015	19880014	7.93	43 1-	2 ACSR 6/1	0	0	477	148	238	32	18	0.72	11.36	143
20850882	19880015	8.05	3 1-	2 ACSR 6/1	0	0	470	148	15	2	1	0.01	11.37	0
20850881	20850882	8.12	1 1-	2 ACSR 6/1	0	0	466	147	2	0	0	0.00	11.37	0
20850880	20850882	8.10	1 1-	2 ACSR 6/1	0	0	467	147	8	1	1	0.00	11.37	0
19980004	19880015	8.01	40 1-	2 ACSR 6/1	0	0	472	148	221	30	17	0.07	11.44	14
20850876	19980004	8.12	40 1-	2 ACSR 6/1	0	0	466	147	221	30	17	0.10	11.54	18

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850878	20850876	8.17	1 1-	2 ACSR 6/1	0	0	463	147	7	1	1	0.00	11.54	0
20850877	20850876	8.22	38 1-	2 ACSR 6/1	0	0	460	147	206	28	16	0.08	11.61	14
20850879	20850877	8.28	0 1-	2 ACSR 6/1	0	0	457	146	0	0	0	0.00	11.61	0
19980003	20850877	8.46	38 1-	2 ACSR 6/1	0	0	447	145	205	28	16	0.20	11.81	35
25080024	19980003	8.52	1 1-	1/0 ACSR 6/1	0	0	445	145	2	0	0	0.00	11.81	0
D25-08-P045	25080024	8.52	1 1-	FUS-20	0	0	445	145	2	0	2	0.00	11.81	0
25080025	D25-08-P045	9.15	1 1-	1/0 ACSR 6/1	0	0	419	143	2	0	0	0.00	11.81	0
25080008	19980003	8.52	1 1-	2 ACSR 6/1	0	0	444	145	8	1	1	0.00	11.81	0
25080009	19980003	8.59	36 1-	2 ACSR 6/1	0	0	440	145	195	27	15	0.11	11.92	18
25080010	25080009	8.67	17 1-	2 ACSR 6/1	0	0	436	144	96	13	7	0.03	11.95	2
25080011	25080010	9.15	14 1-	2 ACSR 6/1	0	0	413	142	80	11	6	0.15	12.2	11
25080005	25080011	9.28	12 1-	2 ACSR 6/1	0	0	407	141	59	8	5	0.03	12.13	2
25180002	25080005	9.31	7 1-	2 ACSR 6/1	0	0	406	141	43	6	3	0.01	12.14	0
25180003	25180002	9.34	6 1-	2 ACSR 6/1	0	0	404	141	41	5	3	0.01	12.14	0
25180004	25180003	9.37	2 1-	2 ACSR 6/1	0	0	403	141	14	1	1	0.00	12.14	0
25180005	25180004	9.41	1 1-	2 ACSR 6/1	0	0	402	140	8	1	1	0.00	12.14	0
25180010	25180005	9.48	0 1-	2 ACSR 6/1	0	0	399	140	0	0	0	0.00	12.14	0
25180011	25180003	9.39	4 1-	2 ACSR 6/1	0	0	402	141	26	3	2	0.00	12.15	0
25180012	25180011	9.45	3 1-	2 ACSR 6/1	0	0	400	140	21	2	2	0.00	12.15	0
25080019	25180012	9.51	2 1-	2 ACSR 6/1	0	0	397	140	16	2	1	0.00	12.15	0
25180001	25080005	9.36	4 1-	2 ACSR 6/1	0	0	404	141	14	1	1	0.00	12.14	0
25180006	25180001	9.41	3 1-	2 ACSR 6/1	0	0	402	140	7	1	1	0.00	12.14	0
25180008	25180006	9.53	1 1-	2 ACSR 6/1	0	0	397	140	0	0	0	0.00	12.14	0
25180007	25180006	9.48	1 1-	2 ACSR 6/1	0	0	399	140	3	0	0	0.00	12.14	0
25180009	25180006	9.45	1 1-	2 ACSR 6/1	0	0	400	140	4	0	0	0.00	12.14	0
25080006	25080011	9.26	2 1-	2 ACSR 6/1	0	0	408	141	21	2	2	0.01	12.11	0
25080012	25080006	9.31	1 1-	2 ACSR 6/1	0	0	406	141	4	0	0	0.00	12.11	0
25080007	25080006	9.31	1 1-	2 ACSR 6/1	0	0	406	141	17	2	1	0.00	12.11	0
25080013	25080009	8.64	18 1-	2 ACSR 6/1	0	0	438	144	91	12	7	0.02	11.94	1
25080014	25080013	8.71	18 1-	2 ACSR 6/1	0	0	434	144	91	12	7	0.03	11.96	2
25080015	25080014	8.75	17 1-	2 ACSR 6/1	0	0	432	144	90	12	7	0.01	11.98	0
25080017	25080015	8.83	15 1-	2 ACSR 6/1	0	0	428	143	81	11	6	0.02	12.00	1
25080018	25080017	8.94	13 1-	2 ACSR 6/1	0	0	423	143	59	8	5	0.03	12.02	1
25080022	25080018	9.08	4 1-	2 ACSR 6/1	0	0	416	142	19	2	1	0.01	12.03	0
25090001	25080022	9.18	2 1-	2 ACSR 6/1	0	0	412	142	11	1	1	0.00	12.04	0
25090003	25090001	9.26	1 1-	2 ACSR 6/1	0	0	408	141	4	0	0	0.00	12.04	0
25090002	25090001	9.25	1 1-	2 ACSR 6/1	0	0	409	141	6	0	1	0.00	12.04	0
25080021	25080018	9.12	2 1-	2 ACSR 6/1	0	0	415	142	14	1	1	0.01	12.03	0
25090004	25080021	9.15	1 1-	2 ACSR 6/1	0	0	413	142	6	0	0	0.00	12.03	0
25080020	25080018	9.03	3 1-	2 ACSR 6/1	0	0	419	142	9	1	1	0.00	12.03	0
25080004	25080020	9.11	1 1-	2 ACSR 6/1	0	0	415	142	3	0	0	0.00	12.03	0
25080023	25080018	9.23	1 1-	2 ACSR 6/1	0	0	409	141	11	1	1	0.01	12.03	0
25080016	25080015	8.80	1 1-	2 ACSR 6/1	0	0	430	144	4	0	0	0.00	11.98	0
20850461	19980004	8.09	0 1-	2 ACSR 6/1	0	0	467	147	0	0	0	0.00	11.44	0
19880017	19880016	7.08	1 1-	2 ACSR 6/1	0	0	534	153	10	1	1	0.00	10.52	0
19780018	19780030	6.68	139 3-	1/0 ACSR 6/1	722	651	567	156	706	31	14	0.05	6.45	29
D19-78-P014	19780018	6.68	139 3-	RBC-50-H	722	651	567	156	706	31	63	0.00	6.45	0
19780019	D19-78-P014	6.90	139 3-	1/0 ACSR 6/1	705	634	552	155	706	31	14	0.10	6.56	63
19770021	19780019	6.96	136 3-	1/0 ACSR 6/1	700	630	548	155	690	30	13	0.03	6.59	16
19770031	19770021	7.02	135 3-	1/0 ACSR 6/1	696	626	545	154	689	30	13	0.03	6.62	17
19770032	19770031	7.07	1 1-	2 ACSR 6/1	0	0	541	154	20	2	1	0.00	4.62	0
19770010	19770031	7.11	134 3-	1/0 ACSR 6/1	690	620	539	154	669	29	13	0.03	6.66	22

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
19770034	19770010	7.23	133 3-	1/0 ACSR 6/1	681	611	531	154	659	29	13	0.05	6.72	32
19770035	19770034	7.31	9 1-	2 ACSR 6/1	0	0	526	153	46	6	4	0.01	10.43	0
19770030	19770035	7.38	1 1-	2 ACSR 6/1	0	0	521	153	11	1	1	0.00	10.44	0
19770009	19770035	7.41	8 1-	2 ACSR 6/1	0	0	519	153	35	4	3	0.01	10.45	0
19770036	19770009	7.50	6 1-	2 ACSR 6/1	0	0	512	152	26	3	2	0.01	10.46	0
19770022	19770036	7.58	4 1-	2 ACSR 6/1	0	0	507	151	15	2	1	0.00	10.46	0
19770023	19770022	7.62	2 1-	2 ACSR 6/1	0	0	504	151	7	0	1	0.00	10.46	0
19770024	19770023	7.77	1 1-	2 ACSR 6/1	0	0	494	150	2	0	0	0.00	10.46	0
19770025	19770009	7.49	2 1-	2 ACSR 6/1	0	0	513	152	9	1	1	0.00	10.45	0
19770026	19770025	7.62	2 1-	2 ACSR 6/1	0	0	504	151	9	1	1	0.00	10.46	0
19770027	19770026	7.68	2 1-	2 ACSR 6/1	0	0	500	151	9	1	1	0.00	10.46	0
19770028	19770027	7.80	1 1-	2 ACSR 6/1	0	0	493	150	6	0	0	0.00	10.46	0
19770029	19770028	7.92	1 1-	2 ACSR 6/1	0	0	485	150	6	0	0	0.00	10.46	0
19770008	19770028	7.91	0 1-	2 ACSR 6/1	0	0	486	150	0	0	0	0.00	10.46	0
19770011	19770034	7.47	124 3-	1/0 ACSR 6/1	664	596	517	153	612	27	12	0.10	6.82	51
19870015	19770011	7.64	2 1-	2 ACSR 6/1	0	0	506	152	11	1	1	0.01	5.16	0
19870016	19870015	7.68	1 1-	2 ACSR 6/1	0	0	503	151	9	1	1	0.00	5.16	0
19870014	19770011	7.53	1 1-	2 ACSR 6/1	0	0	513	152	10	1	1	0.00	10.53	0
19870017	19770011	8.06	121 3-	1/0 ACSR 6/1	626	561	486	150	590	26	11	0.24	7.07	116
19870018	19870017	8.24	120 3-	1/0 ACSR 6/1	616	551	477	149	585	26	11	0.07	7.15	35
19870019	19870018	8.29	120 3-	1/0 ACSR 6/1	612	548	474	149	584	26	11	0.02	7.17	10
19870021	19870019	8.33	117 3-	1/0 ACSR 6/1	610	546	472	149	573	25	11	0.02	7.18	7
19870022	19870021	8.50	117 3-	1/0 ACSR 6/1	601	537	464	148	573	25	11	0.07	7.25	31
19870023	19870022	8.53	116 3-	1/0 ACSR 6/1	599	535	463	148	570	25	11	0.01	7.27	7
19870013	19870023	8.65	116 3-	1/0 ACSR 6/1	593	529	458	148	570	25	11	0.05	7.31	21
20850450	19870013	8.77	116 3-	1/0 ACSR 6/1	586	523	452	147	570	25	11	0.05	7.36	23
20850451	20850450	8.88	114 3-	1/0 ACSR 6/1	580	518	447	147	563	25	11	0.04	7.41	19
20850452	20850451	8.97	114 3-	1/0 ACSR 6/1	576	514	444	146	563	25	11	0.04	7.44	16
20850453	20850452	9.03	110 3-	1/0 ACSR 6/1	572	511	441	146	553	24	11	0.03	7.47	12
20850457	20850453	9.21	5 1-	2 ACSR 6/1	0	0	432	145	22	2	2	0.02	11.20	0
19970003	20850457	9.30	1 1-	2 ACSR 6/1	0	0	428	145	9	1	1	0.00	11.20	0
20850459	20850457	9.27	2 1-	2 ACSR 6/1	0	0	429	145	7	1	1	0.00	11.20	0
20850458	20850457	9.36	2 1-	2 ACSR 6/1	0	0	425	144	6	0	0	0.00	11.20	0
20850455	20850453	9.33	5 1-	2 ACSR 6/1	0	0	426	145	28	3	2	0.03	5.48	0
20850456	20850455	9.40	4 1-	2 ACSR 6/1	0	0	423	144	25	3	2	0.01	5.48	0
19970004	20850456	9.57	3 1-	2 ACSR 6/1	0	0	415	143	22	2	2	0.01	5.49	0
20850460	19970004	9.64	0 1-	2 ACSR 6/1	0	0	412	143	0	0	0	0.00	5.49	0
19860003	19970004	9.73	2 1-	2 ACSR 6/1	0	0	408	142	18	2	1	0.01	5.50	0
19860004	19860003	9.85	1 1-	2 ACSR 6/1	0	0	403	142	8	1	1	0.00	5.50	0
20850454	20850453	9.17	99 3-	1/0 ACSR 6/1	566	504	435	146	498	22	10	0.05	7.52	19
D19-97-P011	20850454	9.17	3 1-	SEC-35-GH	0	0	435	146	15	2	0	0.00	5.50	0
19970002	D19-97-P011	9.67	3 1-	2 ACSR 6/1	0	0	412	143	15	2	1	0.03	5.52	0
25070003	19970002	9.91	2 1-	2 ACSR 6/1	0	0	401	142	14	1	1	0.01	5.54	0
25170008	25070003	9.98	1 1-	2 ACSR 6/1	0	0	398	141	9	1	1	0.00	5.54	0
25170009	25170008	10.55	1 1-	2 ACSR 6/1	0	0	376	138	9	1	1	0.01	5.55	0
25170007	25070003	10.19	1 1-	2 ACSR 6/1	0	0	390	140	5	0	0	0.00	5.54	0
19970001	20850454	9.47	96 3-	1/0 ACSR 6/1	551	491	423	144	483	21	9	0.10	7.62	41
25070001	19970001	9.56	95 3-	1/0 ACSR 6/1	547	487	420	144	474	21	9	0.03	7.65	11
25070002	25070001	9.62	94 3-	1/0 ACSR 6/1	544	484	418	144	470	21	9	0.02	7.67	8
D25-06-P017	25070002	9.62	94 3-	REC-25-H	544	484	418	144	470	21	76	0.00	7.67	0
25060011	D25-06-P017	9.68	94 3-	1/0 ACSR 6/1	541	482	415	144	470	21	9	0.02	7.69	8
25060010	25060011	10.03	83 3-	1/0 ACSR 6/1	526	468	403	142	433	19	8	0.13	7.80	39

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
25060012	25060010	10.14	7 1-	2 ACSR 6/1	0	0	398	142	44	5	3	0.02	5.81	0
25060004	25060012	10.26	4 1-	2 ACSR 6/1	0	0	393	141	24	3	2	0.01	5.82	0
25060006	25060004	10.35	2 1-	2 ACSR 6/1	0	0	390	141	11	1	1	0.00	5.82	0
25060007	25060006	10.43	1 1-	2 ACSR 6/1	0	0	386	140	4	0	0	0.00	5.82	0
25060008	25060007	10.62	0 1-	2 ACSR 6/1	0	0	379	139	0	0	0	0.00	5.82	0
25060005	25060004	10.30	1 1-	2 ACSR 6/1	0	0	392	141	6	0	0	0.00	5.82	0
25060003	25060012	10.24	2 1-	2 ACSR 6/1	0	0	394	141	11	1	1	0.00	5.81	0
25060013	25060010	10.62	76 3-	1/0 ACSR 6/1	502	446	383	140	389	17	8	0.15	7.96	53
25160039	25060013	10.68	74 3-	1/0 ACSR 6/1	499	444	381	140	378	16	7	0.01	7.97	5
25160016	25160039	10.75	65 3-	1/0 ACSR 6/1	497	441	379	140	348	15	7	0.01	7.99	5
25160017	25160016	10.84	63 3-	1/0 ACSR 6/1	493	438	377	139	337	15	7	0.02	8.01	6
25160018	25160017	10.86	2 1-	2 ACSR 6/1	0	0	376	139	4	0	0	0.00	11.63	0
25160012	25160017	10.90	61 3-	1/0 ACSR 6/1	491	436	375	139	333	14	7	0.01	8.03	4
25160013	25160012	10.96	11 1-	2 ACSR 6/1	0	0	372	139	78	10	6	0.02	6.45	1
25160034	25160013	11.01	10 1-	2 ACSR 6/1	0	0	370	139	67	8	5	0.01	6.47	0
25160033	25160034	11.04	5 1-	2 ACSR 6/1	0	0	369	138	29	3	2	0.00	6.47	0
25160032	25160033	11.07	5 1-	2 ACSR 6/1	0	0	368	138	29	3	2	0.00	6.47	0
25160031	25160032	11.13	4 1-	2 ACSR 6/1	0	0	366	138	24	3	2	0.00	6.48	0
25160030	25160031	11.16	2 1-	2 ACSR 6/1	0	0	365	138	14	1	1	0.00	6.48	0
25160035	25160034	11.06	4 1-	2 ACSR 6/1	0	0	369	138	29	3	2	0.00	6.47	0
25160036	25160035	11.08	2 1-	2 ACSR 6/1	0	0	368	138	16	2	1	0.00	6.47	0
25160038	25160013	11.01	1 1-	2 ACSR 6/1	0	0	371	139	10	1	1	0.00	6.46	0
25160037	25160013	10.99	0 1-	2 ACSR 6/1	0	0	371	139	0	0	0	0.00	6.45	0
25160011	25160012	10.97	50 3-	1/0 ACSR 6/1	488	433	373	139	255	11	5	0.01	8.04	3
25160020	25160011	11.03	47 3-	1/0 ACSR 6/1	486	431	371	139	242	10	5	0.01	8.05	3
25160022	25160020	11.10	2 1-	2 ACSR 6/1	0	0	368	138	9	1	1	0.00	11.69	0
25160021	25160020	11.10	45 3-	1/0 ACSR 6/1	483	429	368	138	233	10	5	0.01	8.06	3
25160042	25160021	11.25	42 3-	1/0 ACSR 6/1	478	424	364	138	224	10	4	0.03	8.09	5
25150038	25160042	11.33	40 3-	1/0 ACSR 6/1	475	422	362	138	215	9	4	0.02	8.10	3
25150030	25150038	11.40	38 3-	1/0 ACSR 6/1	473	419	360	137	204	9	4	0.01	8.11	2
25150031	25150030	11.55	1 1-	2 ACSR 6/1	0	0	355	137	4	0	0	0.00	11.78	0
25150019	25150030	11.68	37 3-	1/0 ACSR 6/1	464	411	352	136	200	9	4	0.05	8.15	8
25150037	25150019	11.73	23 3-	1/0 ACSR 6/1	462	409	351	136	122	5	2	0.01	8.15	0
25150028	25150037	11.82	17 1-	2 ACSR 6/1	0	0	348	136	99	13	7	0.04	6.20	3
25150029	25150028	11.88	16 1-	2 ACSR 6/1	0	0	346	135	92	12	7	0.02	6.21	1
25150041	25150029	11.99	2 1-	2 ACSR 6/1	0	0	343	135	14	1	1	0.00	6.22	0
25150042	25150041	12.02	0 1-	2 ACSR 6/1	0	0	342	135	0	0	0	0.00	6.22	0
25150027	25150029	11.96	12 1-	2 ACSR 6/1	0	0	344	135	64	8	5	0.02	6.23	0
25150026	25150027	12.01	11 1-	2 ACSR 6/1	0	0	342	135	57	7	4	0.01	6.24	0
25150025	25150026	12.07	3 1-	2 ACSR 6/1	0	0	340	134	10	1	1	0.00	6.25	0
25150043	25150025	12.10	2 1-	1/0 ACSR 6/1	0	0	340	134	0	0	0	0.00	6.25	0
25150044	25150043	12.14	1 1-	1/0 ACSR 6/1	0	0	339	134	0	0	0	0.00	6.25	0
25150023	25150026	12.05	7 1-	2 ACSR 6/1	0	0	341	135	41	5	3	0.00	6.25	0
25150024	25150023	12.12	4 1-	2 ACSR 6/1	0	0	339	134	26	3	2	0.01	6.25	0
25150022	25150024	12.17	2 1-	2 ACSR 6/1	0	0	337	134	11	1	1	0.00	6.25	0
25150021	25150037	11.82	2 1-	2 ACSR 6/1	0	0	348	136	11	1	1	0.00	6.45	0
25150036	25150037	11.79	2 1-	2 ACSR 6/1	0	0	349	136	6	0	0	0.00	6.45	0
25150034	25150019	11.71	14 1-	2 ACSR 6/1	0	0	351	136	78	10	6	0.01	11.86	0
25150035	25150034	11.76	11 1-	2 ACSR 6/1	0	0	350	136	63	8	5	0.01	11.87	0
25150033	25150035	11.86	9 1-	2 ACSR 6/1	0	0	347	135	50	6	4	0.02	11.89	0
25150032	25150033	11.90	2 1-	2 ACSR 6/1	0	0	345	135	11	1	1	0.00	11.89	0
25150020	25150033	12.07	7 1-	2 ACSR 6/1	0	0	340	134	39	5	3	0.03	11.92	1

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
25250003	25150020	12.20	6 1-	2 ACSR 6/1	0	0	336	134	33	4	3	0.01	11.94	0
25250004	25250003	12.23	3 1-	2 ACSR 6/1	0	0	335	134	17	2	1	0.00	11.94	0
25250005	25250004	12.28	2 1-	2 ACSR 6/1	0	0	334	133	11	1	1	0.00	11.94	0
25250002	25250003	12.36	2 1-	2 ACSR 6/1	0	0	331	133	6	0	1	0.00	11.94	0
25250001	25150020	12.15	1 1-	2 ACSR 6/1	0	0	338	134	6	0	0	0.00	11.92	0
25160041	25160021	11.13	2 1-	2 ACSR 6/1	0	0	367	138	3	0	0	0.00	11.71	0
25160023	25160021	11.16	1 1-	2 ACSR 6/1	0	0	367	138	6	0	0	0.00	11.71	0
25160019	25160011	11.03	2 1-	2 ACSR 6/1	0	0	370	139	9	1	1	0.00	11.67	0
25160014	25160039	10.75	3 1-	2 ACSR 6/1	0	0	379	140	13	1	1	0.00	6.38	0
25160015	25160014	10.79	3 1-	2 ACSR 6/1	0	0	377	139	13	1	1	0.00	6.38	0
25160040	25160039	10.74	2 1-	2 ACSR 6/1	0	0	379	140	9	1	1	0.00	5.96	0
25060009	25060011	10.10	10 1-	2 ACSR 6/1	0	0	397	141	37	5	3	0.06	11.45	2
25170006	25060009	10.18	10 1-	2 ACSR 6/1	0	0	394	141	37	5	3	0.01	11.46	0
25170011	25170006	10.29	10 1-	2 ACSR 6/1	0	0	389	140	37	5	3	0.02	11.48	0
25160027	25170011	10.38	8 1-	2 ACSR 6/1	0	0	386	140	31	4	2	0.01	11.49	0
25160028	25160027	10.47	8 1-	2 ACSR 6/1	0	0	382	140	31	4	2	0.01	11.50	0
25160024	25160028	10.52	7 1-	2 ACSR 6/1	0	0	381	139	27	3	2	0.01	11.51	0
25160025	25160024	10.71	6 1-	2 ACSR 6/1	0	0	373	138	24	3	2	0.02	11.52	0
25160010	25160025	10.90	5 1-	2 ACSR 6/1	0	0	366	137	21	2	2	0.02	11.54	0
25160043	25160010	10.99	4 1-	2 ACSR 6/1	0	0	363	137	15	2	1	0.01	11.55	0
25260005	25160043	11.06	1 1-	2 ACSR 6/1	0	0	361	137	0	0	0	0.00	11.55	0
25260004	25160043	11.08	2 1-	2 ACSR 6/1	0	0	360	136	12	1	1	0.00	11.55	0
25260011	25260004	11.18	0 1-	2 ACSR 6/1	0	0	357	136	0	0	0	0.00	11.55	0
25260009	25260004	11.17	2 1-	2 ACSR 6/1	0	0	357	136	12	1	1	0.00	11.55	0
25260010	25260009	11.46	1 1-	2 ACSR 6/1	0	0	347	135	10	1	1	0.01	11.56	0
25160029	25160010	10.97	1 1-	2 ACSR 6/1	0	0	364	137	6	0	0	0.00	11.54	0
25160026	25160025	10.81	1 1-	2 ACSR 6/1	0	0	369	138	3	0	0	0.00	11.53	0
25170010	25170006	10.35	0 1-	2 ACSR 6/1	0	0	387	140	0	0	0	0.00	11.46	0
25170005	25060009	10.21	0 1-	2 ACSR 6/1	0	0	392	141	0	0	0	0.00	11.45	0
19870024	19870023	8.60	0 1-	2 ACSR 6/1	0	0	459	148	0	0	0	0.00	5.23	0
19870020	19870019	8.33	3 1-	2 ACSR 6/1	0	0	472	149	11	1	1	0.00	10.88	0
19770033	19770010	7.15	1 1-	2 ACSR 6/1	0	0	536	154	9	1	1	0.00	4.65	0
19780014	19780013	6.49	3 1-	2 ACSR 6/1	0	0	579	157	13	1	1	0.01	4.40	0
19780028	19780014	6.55	1 1-	2 ACSR 6/1	0	0	573	156	3	0	0	0.00	4.40	0
19780027	19780014	6.68	2 1-	2 ACSR 6/1	0	0	563	155	9	1	1	0.00	4.40	0
19790015	19790020	4.81	73 1-	2 ACSR 6/1	0	0	730	164	279	36	20	0.17	4.14	37
D19-79-P010	19790015	4.81	73 1-	RBC-50-H	0	0	730	164	279	36	73	0.00	4.14	0
19790022	D19-79-P010	4.89	73 1-	2 ACSR 6/1	0	0	719	164	279	36	20	0.09	4.23	19
19790023	19790022	4.97	72 1-	2 ACSR 6/1	0	0	708	163	277	36	20	0.09	4.31	19
19790030	19790023	5.05	72 1-	2 ACSR 6/1	0	0	699	162	276	36	20	0.08	4.39	18
19790026	19790030	5.11	70 1-	2 ACSR 6/1	0	0	690	162	273	35	20	0.07	4.46	15
19790028	19790026	5.16	67 1-	2 ACSR 6/1	0	0	685	162	269	35	20	0.04	4.51	10
19790029	19790028	5.32	66 1-	2 ACSR 6/1	0	0	666	161	265	34	19	0.16	4.67	34
19790017	19790029	5.62	66 1-	2 ACSR 6/1	0	0	632	159	265	34	19	0.31	4.98	66
20850140	19790017	5.77	65 1-	2 ACSR 6/1	0	0	617	158	261	34	19	0.15	5.13	30
20850141	20850140	5.86	64 1-	2 ACSR 6/1	0	0	608	157	259	34	19	0.09	5.21	18
19890047	20850141	6.17	62 1-	2 ACSR 6/1	0	0	579	155	254	33	19	0.30	5.52	62
19890071	19890047	6.26	1 1-	2 ACSR 6/1	0	0	572	155	4	0	0	0.00	5.52	0
20850007	19890047	6.24	2 1-	2 ACSR 6/1	0	0	573	155	11	1	1	0.00	5.52	0
19890035	20850007	6.33	1 1-	2 ACSR 6/1	0	0	566	154	7	0	0	0.00	5.52	0
19890028	19890047	6.34	59 1-	2 ACSR 6/1	0	0	565	154	238	31	18	0.16	5.67	30
19890037	19890028	6.48	59 1-	2 ACSR 6/1	0	0	553	154	238	31	18	0.13	5.80	24

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
19890060	19890037	6.50	3 1-	2 ACSR 6/1	0	0	551	153	16	2	1	0.00	5.80	0
19890061	19890060	6.56	2 1-	2 ACSR 6/1	0	0	547	153	10	1	1	0.00	5.80	0
19890062	19890061	6.60	1 1-	2 ACSR 6/1	0	0	544	153	5	0	0	0.00	5.80	0
19890039	19890037	6.59	56 1-	2 ACSR 6/1	0	0	544	153	222	29	16	0.10	5.89	17
20850126	19890039	6.64	1 1-	2 ACSR 6/1	0	0	541	153	2	0	0	0.00	5.89	0
20850127	20850126	6.70	1 1-	2 ACSR 6/1	0	0	536	152	2	0	0	0.00	5.89	0
19890038	19890039	6.71	53 1-	2 ACSR 6/1	0	0	535	152	208	27	15	0.09	5.98	15
19890066	19890038	6.75	5 1-	2 ACSR 6/1	0	0	532	152	12	1	1	0.00	5.98	0
19890067	19890066	6.78	4 1-	2 ACSR 6/1	0	0	530	152	8	1	1	0.00	5.98	0
20850139	19890067	6.83	3 1-	2 ACSR 6/1	0	0	526	151	4	0	0	0.00	5.98	0
19890032	19890038	6.80	45 1-	2 ACSR 6/1	0	0	528	152	184	24	14	0.06	6.05	10
20850724	19890032	6.89	0 1-	2 ACSR 6/1	0	0	522	151	0	0	0	0.00	6.05	0
20850727	19890032	6.88	44 1-	2 ACSR 6/1	0	0	523	151	184	24	14	0.06	6.10	8
20850728	20850727	6.93	42 1-	2 ACSR 6/1	0	0	519	151	177	23	13	0.03	6.13	4
20850729	20850728	6.99	41 1-	2 ACSR 6/1	0	0	515	151	174	23	13	0.04	6.17	6
19890033	20850729	7.05	37 1-	2 ACSR 6/1	0	0	510	150	171	22	13	0.04	6.22	6
19890063	19890033	7.15	1 1-	2 ACSR 6/1	0	0	504	150	8	1	1	0.00	6.22	0
19890065	19890063	7.23	1 1-	2 ACSR 6/1	0	0	498	149	8	1	1	0.00	6.22	0
19890064	19890063	7.22	0 1-	2 ACSR 6/1	0	0	499	149	0	0	0	0.00	6.22	0
20850449	19890033	7.13	1 1-	2 ACSR 6/1	0	0	505	150	2	0	0	0.00	6.22	0
19890034	19890033	7.17	33 1-	2 ACSR 6/1	0	0	502	150	153	20	11	0.07	6.29	9
19890043	19890034	7.34	33 1-	2 ACSR 6/1	0	0	491	149	153	20	11	0.10	6.38	12
19890068	19890043	7.38	2 1-	2 ACSR 6/1	0	0	489	148	13	1	1	0.00	6.38	0
19890070	19890068	7.42	1 1-	2 ACSR 6/1	0	0	486	148	9	1	1	0.00	6.39	0
19890069	19890068	7.46	1 1-	2 ACSR 6/1	0	0	483	148	4	0	0	0.00	6.39	0
20850143	19890043	7.40	28 1-	2 ACSR 6/1	0	0	488	148	127	16	9	0.03	6.41	3
20850144	20850143	7.47	4 1-	2 ACSR 6/1	0	0	483	148	17	2	1	0.00	6.41	0
19890044	20850144	7.50	2 1-	2 ACSR 6/1	0	0	481	148	9	1	1	0.00	6.41	0
19890045	19890044	7.58	1 1-	2 ACSR 6/1	0	0	476	147	9	1	1	0.00	6.41	0
20850223	20850143	7.43	23 1-	2 ACSR 6/1	0	0	485	148	106	14	8	0.01	6.42	1
20850180	20850223	7.47	22 1-	2 ACSR 6/1	0	0	483	148	103	13	8	0.01	6.44	1
20850184	20850180	7.54	1 1-	2 ACSR 6/1	0	0	479	147	9	1	1	0.00	6.44	0
20850182	20850180	7.50	4 1-	2 ACSR 6/1	0	0	481	148	16	2	1	0.00	6.44	0
20850183	20850182	7.54	1 1-	2 ACSR 6/1	0	0	479	147	4	0	0	0.00	6.44	0
20850181	20850182	7.71	2 1-	2 ACSR 6/1	0	0	468	147	5	0	0	0.00	6.44	0
19880008	20850181	7.88	1 1-	2 ACSR 6/1	0	0	459	146	2	0	0	0.00	6.44	0
19890030	19880008	7.90	1 1-	2 ACSR 6/1	0	0	457	145	2	0	0	0.00	6.44	0
19890029	19880008	7.90	0 1-	2 ACSR 6/1	0	0	457	145	0	0	0	0.00	6.44	0
19890031	20850180	7.58	15 1-	2 ACSR 6/1	0	0	476	147	69	9	5	0.03	6.47	2
20850186	19890031	7.63	15 1-	2 ACSR 6/1	0	0	473	147	69	9	5	0.01	6.48	0
20850446	20850186	7.68	14 1-	2 ACSR 6/1	0	0	470	147	66	8	5	0.01	6.49	0
20850447	20850446	7.76	12 1-	2 ACSR 6/1	0	0	466	146	62	8	5	0.02	6.51	0
20850448	20850447	8.30	11 1-	2 ACSR 6/1	0	0	436	143	57	7	4	0.11	6.62	5
19880018	20850448	8.45	1 1-	2 ACSR 6/1	0	0	428	143	2	0	0	0.00	6.62	0
19880007	20850448	8.34	8 1-	2 ACSR 6/1	0	0	434	143	43	5	3	0.01	6.62	0
19780023	19880007	8.38	1 1-	2 ACSR 6/1	0	0	432	143	5	0	0	0.00	6.62	0
19780022	19880007	8.44	5 1-	2 ACSR 6/1	0	0	429	143	29	3	2	0.01	6.63	0
19780037	19780022	8.55	4 1-	2 ACSR 6/1	0	0	424	142	23	3	2	0.01	6.64	0
19880011	19780037	8.61	2 1-	2 ACSR 6/1	0	0	421	142	13	1	1	0.00	6.64	0
19880010	19780037	8.59	1 1-	2 ACSR 6/1	0	0	422	142	4	0	0	0.00	6.64	0
20850185	19890031	7.60	0 1-	2 ACSR 6/1	0	0	475	147	0	0	0	0.00	6.47	0
19890042	19890034	7.24	0 1-	2 ACSR 6/1	0	0	498	149	0	0	0	0.00	6.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 45	SOUTHCORBIN(45)		1957		5455	5503	5647	190	13733					
SUB 45,	CKT 1													
BK4501	SOUTHCORBIN(45)	0.00	387 3-		BK4501	5455	5503	5647	190	2597	108 58	0.00	0.00	0
9720114	BK4501	0.09	387 3-	336 3PSC	5315	5342	5341	190	2597	108 20	0.06	0.05	99	
9720110	9720114	0.14	1 1-	2 ACSR 6/1	0	0	5119	190	1	0 0	0.00	0.06	0	
9720111	9720114	0.13	385 3-	336 3PSC	5261	5278	5226	190	2591	108 20	0.02	0.07	39	
9720137	9720111	0.20	384 3-	336 3PSC	5166	5164	5032	190	2584	107 20	0.04	0.10	70	
9620003	9720137	0.22	384 3-	336 ACSR 18/1	5107	5095	4941	190	2583	107 20	0.02	0.11	28	
9620271	9620003	0.27	8 1-	2 ACSR 6/1	0	0	4721	189	23	2 2	0.00	0.08	0	
9620293	9620003	0.25	376 3-	336 ACSR 18/1	5047	5025	4851	190	2559	106 20	0.02	0.13	28	
9620296	9620293	0.31	374 3-	336 ACSR 18/1	4937	4897	4687	190	2475	103 19	0.03	0.15	51	
9620218	9620296	0.36	372 3-	336 ACSR 18/1	4824	4767	4523	189	2464	102 19	0.03	0.18	54	
9620195	9620218	0.41	371 3-	336 ACSR 18/1	4725	4654	4384	189	2450	102 19	0.03	0.20	49	
9620196	9620195	0.48	1 1-	2 ACSR 6/1	0	0	4143	189	13	1 1	0.00	0.25	0	
9620298	9620195	0.47	7 3-	336 ACSR 18/1	4615	4529	4231	189	27	1 0	0.00	0.20	0	
9620301	9620298	0.51	6 3-	336 ACSR 18/1	4547	4453	4139	189	19	0 0	0.00	0.20	0	
9620305	9620301	0.56	1 1-	2 ACSR 6/1	0	0	3984	189	3	0 0	0.00	0.15	0	
9620304	9620301	0.55	1 1-	2 ACSR 6/1	0	0	4005	189	3	0 0	0.00	0.15	0	
9620303	9620301	0.56	2 1-	2 ACSR 6/1	0	0	3965	189	4	0 0	0.00	0.25	0	
9620026	9620195	0.54	363 3-	336 ACSR 18/1	4508	4409	4086	189	2410	100 19	0.07	0.26	111	
9620197	9620026	0.58	2 1-	2 ACSR 6/1	0	0	3929	189	12	1 1	0.00	0.32	0	
9620198	9620026	0.58	4 1-	2 ACSR 6/1	0	0	3922	189	29	3 2	0.00	0.19	0	
9620199	9620198	0.64	2 1-	2 ACSR 6/1	0	0	3764	188	18	2 1	0.00	0.20	0	
9620202	9620199	0.71	1 1-	2 ACSR 6/1	0	0	3541	188	11	1 1	0.00	0.20	0	
9620300	9620026	0.56	2 1-	2 ACSR 6/1	0	0	3990	189	19	2 1	0.00	0.32	0	
9620025	9620026	0.58	355 3-	336 ACSR 18/1	4428	4319	3979	189	2349	98 19	0.03	0.28	42	
9620269	9620025	0.64	355 3-	4/0 ACSR 6/1	4320	4202	3841	189	2348	98 29	0.05	0.32	75	
9620270	9620269	0.74	352 3-	4/0 ACSR 6/1	4133	4000	3607	188	2336	97 29	0.08	0.39	139	
9620253	9620270	0.79	349 3-	4/0 ACSR 6/1	4049	3911	3506	188	2324	97 29	0.04	0.42	65	
9620254	9620253	0.83	348 3-	4/0 ACSR 6/1	3980	3837	3423	188	2311	96 28	0.03	0.45	55	
20850267	9620254	0.87	345 3-	4/0 ACSR 6/1	3904	3756	3333	188	2288	95 28	0.04	0.48	61	
20850268	20850267	0.90	343 3-	4/0 ACSR 6/1	3855	3704	3277	188	2269	94 28	0.02	0.50	39	
20850083	20850268	0.93	341 3-	4/0 ACSR 6/1	3807	3653	3221	188	2239	93 28	0.02	0.53	40	
D09-62-P087	20850083	0.93	2 1-	FUS	0	0	3221	188	14	1 40	0.00	0.63	0	
9620318	D09-62-P087	0.97	2 1-	2 ACSR 6/1	0	0	3134	187	14	1 1	0.00	0.63	0	
20850084	9620318	1.07	1 1-	2 ACSR 6/1	0	0	2932	187	11	1 1	0.00	0.64	0	
20850264	9620318	1.04	1 1-	2 ACSR 6/1	0	0	3006	187	3	0 0	0.00	0.63	0	
9620187	20850083	1.00	339 3-	4/0 ACSR 6/1	3708	3549	3108	188	2225	93 27	0.05	0.57	82	
9620188	9620187	1.02	336 3-	4/0 ACSR 6/1	3679	3519	3077	187	2198	91 27	0.01	0.58	24	
D09-62-P089	9620188	1.02	12 1-	FUS	0	0	3077	187	65	8 188	0.00	0.41	0	
9620257	D09-62-P089	1.06	12 1-	2 ACSR 6/1	0	0	3006	187	65	8 5	0.01	0.42	0	
9620191	9620257	1.07	10 1-	2 ACSR 6/1	0	0	2966	187	54	6 4	0.00	0.42	0	
9620184	9620191	1.13	9 1-	2 ACSR 6/1	0	0	2866	187	50	6 4	0.01	0.43	0	
9620183	9620184	1.17	6 1-	2 ACSR 6/1	0	0	2782	186	37	4 3	0.00	0.44	0	
9620190	9620183	1.21	4 1-	2 ACSR 6/1	0	0	2713	186	22	2 2	0.00	0.44	0	
9620213	9620190	1.28	1 1-	15 KV 2 URD XLP	0	0	2609	468	12	1 1	0.00	0.44	0	
9620189	9620190	1.23	3 1-	2 ACSR 6/1	0	0	2691	186	10	1 1	0.00	0.44	0	
9620192	9620188	1.10	323 3-	4/0 ACSR 6/1	3569	3404	2955	187	2129	89 26	0.06	0.63	91	
9620193	9620192	1.17	319 3-	4/0 ACSR 6/1	3472	3303	2849	187	2108	88 26	0.05	0.68	83	
9620194	9620193	1.21	316 3-	4/0 ACSR 6/1	3422	3251	2795	187	2095	87 26	0.03	0.70	44	
9620185	9620194	1.25	315 3-	4/0 ACSR 6/1	3374	3202	2744	187	2082	87 26	0.03	0.72	42	
9620186	9620185	1.28	314 3-	4/0 ACSR 6/1	3333	3159	2701	187	2073	86 26	0.02	0.74	37	

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9620182	9620186	1.32	312 3-	4/0 ACSR 6/1	3287	3112	2653	186	2047	85	25	0.03	0.77	41
9620203	9620182	1.37	309 3-	4/0 ACSR 6/1	3231	3055	2596	186	2034	85	25	0.03	0.79	51
9620206	9620203	1.41	6 1-	2 ACSR 6/1	0	0	2538	186	27	3	2	0.00	0.94	0
9620207	9620206	1.44	5 1-	2 ACSR 6/1	0	0	2501	186	26	3	2	0.00	0.94	0
9620205	9620207	1.48	3 1-	2 ACSR 6/1	0	0	2444	185	22	2	2	0.00	0.94	0
9620204	9620205	1.51	1 1-	2 ACSR 6/1	0	0	2405	185	6	0	0	0.00	0.94	0
9620208	9620203	1.43	300 3-	4/0 ACSR 6/1	3168	2990	2530	186	1988	83	25	0.04	0.83	57
9620209	9620208	1.46	298 3-	4/0 ACSR 6/1	3133	2954	2495	186	1965	82	24	0.02	0.85	32
9620210	9620209	1.51	18 1-	2 ACSR 6/1	0	0	2430	186	146	18	10	0.02	0.62	3
9620211	9620210	1.54	15 1-	2 ACSR 6/1	0	0	2385	185	128	16	9	0.01	0.63	1
9620212	9620211	1.57	13 1-	2 ACSR 6/1	0	0	2348	185	106	13	8	0.01	0.64	0
9620252	9620212	1.60	11 1-	2 ACSR 6/1	0	0	2308	185	91	11	6	0.01	0.65	0
9620251	9620252	1.64	7 1-	2 ACSR 6/1	0	0	2263	185	63	7	4	0.01	0.66	0
9620243	9620251	1.67	3 1-	2 ACSR 6/1	0	0	2224	184	31	3	2	0.00	0.66	0
9620244	9620209	1.51	279 3-	4/0 ACSR 6/1	3087	2907	2448	186	1809	75	22	0.03	0.87	38
9620245	9620244	1.55	277 3-	4/0 ACSR 6/1	3046	2866	2408	186	1797	75	22	0.03	0.89	34
D09-62-P366	9620245	1.55	15 1-	FUS-25	0	0	2408	186	80	10	45	0.00	0.62	0
9620259	D09-62-P366	1.59	15 1-	2 ACSR 6/1	0	0	2349	185	80	10	6	0.01	0.63	0
9620236	9620259	1.62	14 1-	2 ACSR 6/1	0	0	2317	185	68	8	5	0.01	0.64	0
9620237	9620236	1.66	13 1-	2 ACSR 6/1	0	0	2263	185	62	7	4	0.01	0.64	0
9620238	9620237	1.71	10 1-	2 ACSR 6/1	0	0	2202	184	39	4	3	0.01	0.65	0
9620239	9620238	1.77	7 1-	2 ACSR 6/1	0	0	2136	184	22	2	2	0.00	0.65	0
9620246	9620245	1.57	16 1-	2 ACSR 6/1	0	0	2371	186	106	13	8	0.01	1.06	0
9620247	9620246	1.63	12 1-	2 ACSR 6/1	0	0	2297	185	78	9	6	0.02	1.08	0
9620248	9620247	1.69	9 1-	2 ACSR 6/1	0	0	2232	185	65	8	5	0.01	1.09	0
9620249	9620248	1.73	5 1-	2 ACSR 6/1	0	0	2183	184	46	5	3	0.01	1.10	0
9620235	9620249	1.78	4 1-	2 ACSR 6/1	0	0	2124	184	42	5	3	0.01	1.10	0
9620226	9620235	1.85	1 1-	2 ACSR 6/1	0	0	2057	183	17	2	1	0.00	1.11	0
9620242	9620245	1.59	246 3-	4/0 ACSR 6/1	3002	2822	2364	186	1610	67	20	0.03	0.91	31
9620241	9620242	1.63	243 3-	4/0 ACSR 6/1	2964	2784	2327	185	1593	67	20	0.03	0.92	27
8690318	9620241	1.63	243 3-	4/0 ACSR 6/1	2959	2778	2322	185	1592	67	20	0.00	0.93	4
8690317	8690318	1.64	243 3-	4/0 ACSR 6/1	2953	2773	2316	185	1592	67	20	0.00	0.93	4
D08-69-P042	8690317	1.64	11 1-	FUS	0	0	2316	185	67	8	195	0.00	1.12	0
8690231	D08-69-P042	1.71	11 1-	2 ACSR 6/1	0	0	2232	185	67	8	5	0.01	1.13	0
8690232	8690231	1.74	8 1-	2 ACSR 6/1	0	0	2199	185	47	6	3	0.00	1.14	0
8690233	8690232	1.77	7 1-	2 ACSR 6/1	0	0	2166	184	42	5	3	0.00	1.14	0
8690234	8690233	1.82	3 1-	2 ACSR 6/1	0	0	2113	184	17	2	1	0.00	1.14	0
8690235	8690317	1.68	231 3-	4/0 ACSR 6/1	2916	2735	2280	185	1525	64	19	0.02	0.94	26
8690236	8690235	1.70	230 3-	4/0 ACSR 6/1	2894	2713	2259	185	1521	64	19	0.01	0.95	15
8690238	8690236	1.74	228 3-	4/0 ACSR 6/1	2865	2684	2230	185	1510	63	19	0.02	0.97	20
8690239	8690238	1.80	104 3-	4/0 ACSR 6/1	2809	2628	2177	185	643	30	9	0.00	0.97	15
8690240	8690239	1.83	100 3-	4/0 ACSR 6/1	2786	2605	2155	185	627	29	9	0.00	0.97	6
8690241	8690240	1.83	99 3-	4/0 ACSR 6/1	2781	2600	2150	185	621	29	9	0.00	0.97	1
08-69-P068-B	8690241	1.83	99 3-	Closed	2781	2600	2150	185	621	29	0	0.00	0.97	0
08-69-P068-A	08-69-P068-B	1.83	99 3-	Closed	2781	2600	2150	185	621	29	0	0.00	0.97	0
8690214	08-69-P068-A	1.86	99 3-	4/0 ACSR 6/1	2761	2580	2131	185	621	29	9	0.00	0.97	5
8690215	8690214	1.91	97 3-	4/0 ACSR 6/1	2717	2537	2090	185	601	28	8	0.00	0.98	11
8690216	8690215	1.95	73 3-	4/0 ACSR 6/1	2682	2501	2057	184	462	23	7	0.00	0.98	4
8690217	8690216	2.00	69 3-	4/0 ACSR 6/1	2647	2467	2025	184	444	22	7	0.00	0.98	4
8690242	8690217	2.04	66 3-	4/0 ACSR 6/1	2615	2435	1995	184	418	21	6	0.00	0.98	3
20850075	8690242	2.07	64 3-	4/0 ACSR 6/1	2591	2412	1973	184	410	21	6	0.00	0.98	3
20850077	20850075	2.09	1 1-	2 ACSR 6/1	0	0	1955	184	7	0	1	0.00	1.17	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
20850076	20850075	2.12	61 3-	4/0 ACSR 6/1	2559	2380	1943	184	395	20	6	0.00	0.98	3
8690252	20850076	2.16	60 3-	4/0 ACSR 6/1	2528	2349	1915	184	388	20	6	0.00	0.97	3
20850078	8690252	2.21	21 1-	2 ACSR 6/1	0	0	1877	183	144	18	10	0.02	1.28	2
8690283	20850078	2.25	17 1-	2 ACSR 6/1	0	0	1841	183	117	15	8	0.02	1.29	1
8690282	8690283	2.28	14 1-	2 ACSR 6/1	0	0	1821	183	89	11	6	0.01	1.30	0
8690267	8690282	2.32	13 1-	2 ACSR 6/1	0	0	1788	182	82	10	6	0.01	1.31	0
8690268	8690267	2.37	11 1-	2 ACSR 6/1	0	0	1746	182	65	8	5	0.01	1.33	0
8690265	8690268	2.43	9 1-	2 ACSR 6/1	0	0	1709	182	48	6	3	0.01	1.33	0
8690266	8690265	2.45	7 1-	2 ACSR 6/1	0	0	1692	181	40	5	3	0.00	1.34	0
8690264	8690266	2.52	2 1-	2 ACSR 6/1	0	0	1648	181	22	2	2	0.00	1.34	0
8690263	8690268	2.40	2 1-	2 ACSR 6/1	0	0	1725	182	17	2	1	0.00	1.33	0
8690253	8690252	2.22	36 3-	4/0 ACSR 6/1	2489	2311	1879	184	230	15	5	-0.01	0.97	2
8690284	8690253	2.28	34 3-	4/0 ACSR 6/1	2448	2270	1842	183	219	15	5	-0.01	0.96	2
8690285	8690284	2.29	31 3-	4/0 ACSR 6/1	2439	2262	1835	183	189	15	4	0.00	0.96	0
8690248	8690285	2.32	3 1-	2 ACSR 6/1	0	0	1815	183	22	2	2	0.00	1.16	0
8690249	8690248	2.36	1 1-	2 ACSR 6/1	0	0	1783	183	5	0	0	0.00	1.16	0
8690250	8690285	2.33	28 3-	4/0 ACSR 6/1	2417	2240	1815	183	168	14	4	-0.01	0.96	1
8690251	8690250	2.37	25 3-	4/0 ACSR 6/1	2389	2213	1790	183	155	14	4	-0.01	0.95	1
8690053	8690251	2.41	22 3-	4/0 ACSR 6/1	2361	2186	1766	183	136	14	4	-0.01	0.95	1
8690055	8690053	2.45	19 3-	4/0 ACSR 6/1	2338	2163	1745	183	111	14	4	-0.01	0.94	1
8690335	8690055	2.50	18 3-	4/0 ACSR 6/1	2311	2137	1721	183	102	-14	4	-0.01	0.94	1
8690058	8690335	2.54	14 3-	4/0 ACSR 6/1	2285	2112	1698	182	82	-14	4	-0.01	0.93	1
8690060	8690058	2.59	11 3-	4/0 ACSR 6/1	2259	2087	1676	182	67	-14	4	-0.01	0.93	1
8690059	8690060	2.65	1 1- 15	KV 2 URD XLP	0	0	1642	441	4	0	0	0.00	0.47	0
8690057	8690059	2.70	1 1- 15	KV 2 URD XLP	0	0	1613	437	4	0	0	0.00	0.47	0
8690056	8690057	2.73	1 1- 15	KV 2 URD XLP	0	0	1593	435	4	0	0	0.00	0.47	0
8690061	8690060	2.64	6 3-	4/0 ACSR 6/1	2233	2061	1653	182	41	-13	4	-0.01	0.92	1
8690062	8690061	2.67	2 3-	4/0 ACSR 6/1	2216	2045	1639	182	16	-13	4	-0.01	0.91	0
8690288	8690062	2.72	1 3-	4/0 ACSR 6/1	2187	2016	1613	182	12	-13	4	-0.01	0.90	1
8790172	8690288	2.76	0 3-	4/0 ACSR 6/1	2168	1998	1597	182	0	-13	4	-0.01	0.90	0
C08-79-P124	8790172	2.76	0 3-	Capacitor	2168	1998	1597	182	0	-13	0	0.00	0.90	0
8790026	8790172	2.81	0 3-	4/0 ACSR 6/1	2138	1969	1572	182	0	0	0	0.00	0.90	0
08-79-P091-A	8790026	2.81	0 3-	Open	2138	1969	1572	182	0	0	0	0.00	0.90	0
8690054	8690053	2.46	1 1-	2 ACSR 6/1	0	0	1735	183	7	0	0	0.00	1.13	0
8690247	8690284	2.31	2 1-	2 ACSR 6/1	0	0	1820	183	18	2	1	0.00	1.16	0
8690243	8690215	1.95	24 1-	2 ACSR 6/1	0	0	2046	184	139	17	10	0.02	1.22	2
8690244	8690243	1.98	22 1-	2 ACSR 6/1	0	0	2024	184	121	15	9	0.01	1.23	0
8690245	8690244	2.01	20 1-	2 ACSR 6/1	0	0	1988	184	110	14	8	0.01	1.25	1
8690066	8690245	2.07	17 1-	2 ACSR 6/1	0	0	1941	183	93	11	7	0.02	1.26	0
20850069	8690066	2.12	13 1-	2 ACSR 6/1	0	0	1896	183	67	8	5	0.01	1.27	0
20850071	20850069	2.16	9 1-	2 ACSR 6/1	0	0	1858	183	45	5	3	0.01	1.28	0
20850072	20850071	2.21	6 1-	2 ACSR 6/1	0	0	1816	182	26	3	2	0.00	1.28	0
20850073	20850072	2.24	5 1-	2 ACSR 6/1	0	0	1795	182	21	2	2	0.00	1.28	0
20850074	20850073	2.28	2 1-	2 ACSR 6/1	0	0	1769	182	5	0	0	0.00	1.28	0
8690237	8690238	1.78	75 3-	1/0 ACSR 6/1	2816	2634	2187	185	537	22	10	0.01	0.98	8
8690311	8690237	1.82	73 3-	1/0 ACSR 6/1	2774	2591	2149	185	532	22	10	0.01	1.00	7
8690312	8690311	1.85	71 3-	1/0 ACSR 6/1	2746	2562	2124	185	523	22	10	0.00	1.01	5
D08-69-P004	8690312	1.85	10 1-	FUS	0	0	2124	185	83	10	241	0.00	0.69	0
8690339	D08-69-P004	1.90	10 1-	2 ACSR 6/1	0	0	2076	184	83	10	6	0.01	0.71	0
8690326	8690339	1.94	7 1-	2 ACSR 6/1	0	0	2029	184	62	7	4	0.01	0.72	0
8690324	8690326	1.99	3 1-	2 ACSR 6/1	0	0	1984	183	33	4	2	0.00	0.72	0
8690323	8690324	2.02	2 1-	2 ACSR 6/1	0	0	1957	183	20	2	1	0.00	0.72	0

Case: 2007 - 2010 CONSTRUCTION WORK PLAN - EXISTING SYSTEM WITH PROPOSED WINTER 2010/11 LOADS

Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8690327	8690312	1.90	18 1-	2 ACSR 6/1	0	0	2069	184	138	17	10	0.03	1.21	3
8690328	8690327	1.96	15 1-	2 ACSR 6/1	0	0	2013	184	116	14	8	0.02	1.23	2
8690329	8690328	1.99	1 1-	2 ACSR 6/1	0	0	1985	183	10	1	1	0.00	1.24	0
8690314	8690328	1.99	11 1-	2 ACSR 6/1	0	0	1982	183	82	10	6	0.01	1.24	0
8690315	8690314	2.03	10 1-	2 ACSR 6/1	0	0	1944	183	78	9	5	0.01	1.25	0
8690316	8690315	2.09	9 1-	2 ACSR 6/1	0	0	1896	183	61	7	4	0.01	1.27	0
8690319	8690316	2.11	7 1-	2 ACSR 6/1	0	0	1874	182	52	6	4	0.00	1.27	0
8690270	8690319	2.17	5 1-	2 ACSR 6/1	0	0	1826	182	34	4	2	0.01	1.28	0
8690271	8690270	2.24	3 1-	2 ACSR 6/1	0	0	1771	181	20	2	1	0.00	1.28	0
8690269	8690271	2.28	2 1-	2 ACSR 6/1	0	0	1745	181	9	1	1	0.00	1.28	0
8690246	8690312	1.89	42 3-	1/0 ACSR 6/1	2699	2515	2083	184	298	12	5	0.00	1.02	3
8690227	8690246	1.94	40 3-	1/0 ACSR 6/1	2651	2466	2041	184	292	12	5	0.00	1.02	3
8690228	8690227	1.98	37 3-	1/0 ACSR 6/1	2616	2431	2011	184	274	11	5	0.00	1.03	2
20850360	8690228	2.01	12 1-	2 ACSR 6/1	0	0	1981	184	116	14	8	0.01	0.76	1
20850361	20850360	2.04	11 1-	2 ACSR 6/1	0	0	1955	183	104	13	7	0.01	0.77	0
20850359	20850361	2.09	8 1-	2 ACSR 6/1	0	0	1912	183	84	10	6	0.01	0.78	0
8690069	20850359	2.12	6 1-	2 ACSR 6/1	0	0	1885	183	68	8	5	0.01	0.79	0
8690229	8690069	2.15	4 1-	2 ACSR 6/1	0	0	1863	183	48	6	3	0.00	0.79	0
8690230	8690229	2.18	2 1-	2 ACSR 6/1	0	0	1839	182	19	2	1	0.00	0.79	0
20850362	8690228	2.03	25 3-	1/0 ACSR 6/1	2572	2387	1973	184	158	6	3	0.00	1.04	0
20850363	20850362	2.09	21 3-	1/0 ACSR 6/1	2518	2333	1927	183	135	5	2	0.00	1.04	0
20850364	20850363	2.14	18 3-	1/0 ACSR 6/1	2470	2285	1886	183	114	4	2	0.00	1.04	0
D08-69-P141	20850364	2.14	10 1-	FUS	0	0	1886	183	62	7	180	0.00	0.76	0
8690338	D08-69-P141	2.18	10 1-	2 ACSR 6/1	0	0	1854	183	62	7	4	0.01	0.77	0
8690221	8690338	2.22	1 1-	15 KV 2 URD XLP	0	0	1828	446	10	1	1	0.00	0.77	0
20850368	8690338	2.23	8 1-	2 ACSR 6/1	0	0	1813	182	40	5	3	0.01	0.78	0
20850369	20850368	2.28	5 1-	2 ACSR 6/1	0	0	1776	182	32	4	2	0.00	0.78	0
8690310	20850369	2.31	4 1-	2 ACSR 6/1	0	0	1751	182	24	3	2	0.00	0.78	0
20850367	20850364	2.19	6 3-	1/0 ACSR 6/1	2429	2244	1851	183	38	1	1	0.00	1.05	0
8690320	20850367	2.24	5 3-	1/0 ACSR 6/1	2391	2206	1819	182	36	1	1	0.00	1.05	0
8690064	8690320	2.29	4 3-	1/0 ACSR 6/1	2348	2164	1783	182	23	0	0	0.00	1.05	0
8690065	8690064	2.32	3 3-	1/0 ACSR 6/1	2328	2144	1766	182	16	0	0	0.00	1.05	0
8690219	8690238	1.80	48 3-	1/0 ACSR 6/1	2797	2615	2170	185	321	13	6	0.04	0.98	7
8690220	8690219	1.83	43 3-	1/0 ACSR 6/1	2761	2578	2138	185	287	12	5	0.02	0.99	3
D08-69-P341	8690220	1.83	43 3-	REC-70-L	2761	2578	2138	185	287	12	17	0.00	0.99	0
8690321	D08-69-P341	1.87	43 3-	1/0 ACSR 6/1	2726	2543	2107	184	287	12	5	0.02	0.99	3
D08-69-P051	8690321	1.87	18 1-	FUS	0	0	2107	184	146	18	425	0.00	1.25	0
8690341	D08-69-P051	1.89	18 1-	2 ACSR 6/1	0	0	2080	184	146	18	10	0.01	1.26	2
8690331	8690341	1.92	17 1-	2 ACSR 6/1	0	0	2053	184	140	17	10	0.01	1.27	1
8690332	8690331	1.97	6 1-	2 ACSR 6/1	0	0	2007	184	55	7	4	0.01	1.28	0
20850370	8690332	2.00	4 1-	2 ACSR 6/1	0	0	1973	183	48	6	3	0.01	1.29	0
8590121	20850370	2.04	3 1-	2 ACSR 6/1	0	0	1941	183	31	3	2	0.00	1.29	0
20850371	8690331	1.98	8 1-	2 ACSR 6/1	0	0	1997	184	61	7	4	0.01	1.28	0
20850372	20850371	2.03	5 1-	2 ACSR 6/1	0	0	1948	183	38	4	3	0.01	1.29	0
8590118	20850372	2.06	2 1-	2 ACSR 6/1	0	0	1918	183	17	2	1	0.00	1.29	0
20850373	8690321	1.94	22 3-	1/0 ACSR 6/1	2650	2466	2041	184	122	5	2	0.02	1.00	0
D08-69-P052	20850373	1.94	6 1-	FUS	0	0	2041	184	34	4	100	0.00	1.26	0
8690340	D08-69-P052	2.00	6 1-	2 ACSR 6/1	0	0	1987	184	34	4	2	0.01	1.27	0
20850669	8690340	2.04	4 1-	2 ACSR 6/1	0	0	1949	183	23	2	2	0.00	1.27	0
8590119	20850669	2.07	2 1-	2 ACSR 6/1	0	0	1928	183	17	2	1	0.00	1.27	0
20850670	20850373	2.00	13 3-	1/0 ACSR 6/1	2598	2413	1996	184	77	3	1	0.01	1.00	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8690213	8690212	2.08	3 1-	2 ACSR 6/1	0	0	1932	183	4	0	0	0.00	0.63	0
8690211	8690212	2.11	4 1-	2 ACSR 6/1	0	0	1904	183	38	4	3	0.01	1.28	0
8590120	8690211	2.13	3 1-	2 ACSR 6/1	0	0	1882	183	26	3	2	0.00	1.28	0
8690218	8690219	1.86	2 1-	2 ACSR 6/1	0	0	2106	184	25	3	2	0.00	1.21	0
9620240	9620242	1.63	2 1-	2 ACSR 6/1	0	0	2310	185	13	1	1	0.00	0.62	0
9620027	9620270	0.77	2 1-	2 ACSR 6/1	0	0	3515	188	8	1	1	0.00	0.48	0
9620214	9620027	0.92	2 1-	15 KV 2 URD XLP	0	0	3201	478	8	1	1	0.00	0.48	0
9620268	9620269	0.64	0 1-	2 ACSR 6/1	0	0	3821	189	0	0	0	0.00	0.39	0
09-62-P014-A	9620268	0.64	0 1-	Open	0	0	3821	189	0	0	0	0.00	0.39	0
CKT 1 total losses:	\$1,959													
SUB 45, CKT 2														
BK4502	SOUTHCORBIN(45)	0.00	522 3-	BK4502	5455	5503	5647	190	4015	170	91	0.00	0.00	0
9720108	BK4502	0.09	522 3-	336 3PSC	5312	5339	5335	190	4015	170	32	0.11	0.09	289
9720109	9720108	0.13	522 3-	336 3PSC	5258	5274	5220	190	4013	170	32	0.04	0.13	114
9720136	9720109	0.21	522 3-	336 3PSC	5154	5150	5009	190	4011	170	32	0.08	0.19	222
9620292	9720136	0.26	520 3-	336 ACSR 18/1	5038	5014	4832	190	3967	169	32	0.06	0.25	157
9720138	9620292	0.30	520 3-	336 ACSR 18/1	4960	4924	4717	190	3966	169	32	0.04	0.29	108
9720132	9720138	0.35	1 3-	15 KV 2 URD XLP	4889	4871	4621	496	92	4	2	0.00	0.29	0
9720139	9720138	0.32	519 3-	336 ACSR 18/1	4922	4879	4661	189	3873	165	31	0.02	0.31	52
9720212	9720139	0.38	1 1-	2 ACSR 6/1	0	0	4382	189	2	0	0	0.00	0.36	0
9720140	9720139	0.45	516 3-	336 ACSR 18/1	4661	4581	4291	189	3848	164	31	0.15	0.45	373
9720142	9720140	0.51	33 1-	2 ACSR 6/1	0	0	4082	189	206	26	15	0.04	0.56	7
D09-72-P043	9720142	0.51	32 1-	REC-50-L	0	0	4082	189	196	24	50	0.00	0.56	0
9720228	D09-72-P043	0.54	32 1-	2 ACSR 6/1	0	0	3962	188	196	24	14	0.02	0.58	4
9720229	9720228	0.81	31 1-	2 ACSR 6/1	0	0	3214	186	186	23	13	0.18	0.76	26
20850293	9720229	0.88	25 1-	2 ACSR 6/1	0	0	3035	186	167	21	12	0.05	0.80	6
20850297	20850293	0.96	23 1-	2 ACSR 6/1	0	0	2876	185	161	20	11	0.05	0.85	6
20850488	20850297	1.01	19 1-	2 ACSR 6/1	0	0	2767	185	142	18	10	0.02	0.87	3
9620200	20850488	1.09	3 1-	15 KV 2 URD XLP	0	0	2643	460	32	4	2	0.01	0.88	0
9620028	20850488	1.10	16 1-	2 ACSR 6/1	0	0	2619	184	111	14	8	0.04	0.91	3
20850282	9620028	1.12	3 1-	2 ACSR 6/1	0	0	2584	184	25	3	2	0.00	0.91	0
9620223	20850282	1.20	1 1-	15 KV 2 URD XLP	0	0	2458	455	9	1	1	0.00	0.91	0
9620234	20850282	1.14	1 1-	2 ACSR 6/1	0	0	2548	184	7	0	1	0.00	0.91	0
20850226	9620028	1.15	13 1-	2 ACSR 6/1	0	0	2524	184	86	10	6	0.02	0.93	1
9620220	20850226	1.19	10 1-	15 KV 2 URD XLP	0	0	2475	456	61	7	5	0.01	0.94	0
9620258	9620220	1.29	1 1-	15 KV 2 URD XLP	0	0	2328	449	3	0	0	0.00	0.94	0
9620222	9620220	1.24	7 1-	15 KV 2 URD XLP	0	0	2405	453	40	5	3	0.01	0.94	0
9620250	9620222	1.29	4 1-	15 KV 2 URD XLP	0	0	2325	449	20	2	1	0.00	0.95	0
9620219	9620222	1.26	1 1-	15 KV 2 URD XLP	0	0	2373	451	6	0	0	0.00	0.94	0
9620221	9620220	1.29	2 1-	2 ACSR 6/1	0	0	2330	183	18	2	1	0.00	0.94	0
9620255	20850226	1.20	1 1-	2 ACSR 6/1	0	0	2451	183	16	2	1	0.00	0.93	0
9620256	9620255	1.32	1 1-	15 KV 2 URD XLP	0	0	2286	448	16	2	1	0.00	0.93	0
20850296	20850297	1.02	2 1-	2 ACSR 6/1	0	0	2752	185	9	1	1	0.00	0.85	0
20850294	20850293	0.94	1 1-	2 ACSR 6/1	0	0	2921	185	6	0	0	0.00	0.80	0
20850295	20850294	0.98	0 1-	2 ACSR 6/1	0	0	2824	185	0	0	0	0.00	0.80	0
20850228	9720229	0.86	5 1-	2 ACSR 6/1	0	0	3092	186	15	1	1	0.00	0.76	0
20850292	20850228	0.94	5 1-	2 ACSR 6/1	0	0	2906	185	15	1	1	0.00	0.76	0
20850227	20850292	1.01	3 1-	2 ACSR 6/1	0	0	2781	185	12	1	1	0.00	0.77	0
9620029	9720229	0.88	1 1-	2 ACSR 6/1	0	0	3050	186	3	0	0	0.00	0.76	0
20850281	9620029	0.92	1 1-	2 ACSR 6/1	0	0	2945	185	3	0	0	0.00	0.76	0
9620032	9620029	0.99	0 1-	2 ACSR 6/1	0	0	2823	185	0	0	0	0.00	0.76	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
09-62-P014-B	9620032	0.99	0 1-	Open	0	0	2823	185	0	0	0	0.00	0.76	0
9720143	9720142	0.57	1 1-	2 ACSR 6/1	0	0	3876	188	10	1	1	0.00	0.56	0
9720141	9720140	0.52	481 3-	3/0 ACSR 6/1	4496	4399	4074	189	3619	154	52	0.13	0.57	339
9720231	9720141	0.58	3 1-	2 ACSR 6/1	0	0	3871	188	12	1	1	0.00	0.64	0
9720230	9720141	0.55	3 1-	2 ACSR 6/1	0	0	3998	189	9	1	1	0.00	0.99	0
9720223	9720141	0.59	475 3-	3/0 ACSR 6/1	4348	4237	3887	189	3594	153	51	0.12	0.69	317
9720224	9720223	0.65	474 3-	3/0 ACSR 6/1	4223	4102	3734	188	3585	153	51	0.11	0.79	282
D09-72-P099	9720224	0.65	25 1-	FUS	0	0	3734	188	142	18	414	0.00	1.33	0
9720227	D09-72-P099	0.67	25 1-	2 ACSR 6/1	0	0	3681	188	142	18	10	0.01	1.34	0
9720237	9720227	0.72	23 1-	2 ACSR 6/1	0	0	3548	188	138	17	10	0.02	1.36	2
9720238	9720237	0.77	22 1-	2 ACSR 6/1	0	0	3414	188	129	16	9	0.02	1.39	2
9720240	9720238	0.88	10 1-	2 ACSR 6/1	0	0	3142	187	37	4	3	0.01	1.40	0
9720232	9720240	0.97	6 1-	2 ACSR 6/1	0	0	2941	186	18	2	1	0.01	1.40	0
9720248	9720232	0.99	5 1-	2 ACSR 6/1	0	0	2906	186	15	1	1	0.00	1.40	0
9720247	9720240	1.05	1 1-	2 ACSR 6/1	0	0	2784	185	3	0	0	0.00	1.40	0
9720239	9720238	0.81	12 1-	2 ACSR 6/1	0	0	3306	187	91	11	6	0.01	1.40	0
9720243	9720239	0.85	11 1-	2 ACSR 6/1	0	0	3211	187	87	11	6	0.01	1.41	0
9720260	9720243	0.88	3 1-	2 ACSR 6/1	0	0	3135	187	32	4	2	0.00	1.42	0
9720262	9720260	0.91	1 1-	2 ACSR 6/1	0	0	3077	186	10	1	1	0.00	1.42	0
9720261	9720260	0.93	1 1-	2 ACSR 6/1	0	0	3033	186	12	1	1	0.00	1.42	0
9720245	9720243	0.90	5 1-	2 ACSR 6/1	0	0	3101	186	35	4	2	0.01	1.42	0
9720246	9720245	0.96	4 1-	2 ACSR 6/1	0	0	2958	186	26	3	2	0.01	1.42	0
9720259	9720246	1.01	3 1-	2 ACSR 6/1	0	0	2857	186	16	2	1	0.00	1.42	0
9720244	9720243	0.92	2 1-	2 ACSR 6/1	0	0	3050	186	10	1	1	0.00	1.41	0
9720226	9720224	0.71	441 3-	3/0 ACSR 6/1	4113	3983	3601	188	3409	146	49	0.10	0.88	235
9720233	9720226	0.76	439 3-	3/0 ACSR 6/1	4019	3882	3490	188	3397	145	49	0.09	0.96	207
9720234	9720233	0.82	436 3-	3/0 ACSR 6/1	3901	3756	3353	188	3381	144	48	0.12	1.07	274
D09-72-P009	9720234	0.82	12 1-	FUS-40	0	0	3353	188	82	10	29	0.00	1.19	0
9720213	D09-72-P009	0.85	12 1-	2 ACSR 6/1	0	0	3282	188	82	10	6	0.01	1.20	0
9720258	9720213	0.98	4 1-	2 ACSR 6/1	0	0	3003	187	27	3	2	0.01	1.21	0
9720236	9720258	1.12	3 1-	2 ACSR 6/1	0	0	2735	185	21	2	1	0.01	1.21	0
9720242	9720213	0.88	7 1-	2 ACSR 6/1	0	0	3216	187	50	6	4	0.00	1.20	0
9720263	9720242	0.93	5 1-	2 ACSR 6/1	0	0	3111	187	42	5	3	0.01	1.21	0
9720264	9720263	1.01	4 1-	2 ACSR 6/1	0	0	2936	186	41	5	3	0.01	1.22	0
9720283	9720264	1.05	2 1-	2 ACSR 6/1	0	0	2851	186	30	3	2	0.00	1.23	0
9720285	9720283	1.20	1 1-	2 ACSR 6/1	0	0	2590	185	12	1	1	0.00	1.23	0
9720277	9720264	1.08	1 1-	2 ACSR 6/1	0	0	2808	186	4	0	0	0.00	1.22	0
9720284	9720277	1.19	1 1-	2 ACSR 6/1	0	0	2608	185	4	0	0	0.00	1.22	0
9720276	9720242	0.91	1 1-	2 ACSR 6/1	0	0	3155	187	4	0	0	0.00	1.20	0
9720235	9720234	0.84	3 1-	2 ACSR 6/1	0	0	3299	188	16	2	1	0.00	1.74	0
9720241	9720234	0.88	421 3-	3/0 ACSR 6/1	3804	3653	3244	188	3281	140	47	0.10	1.16	219
9720278	9720241	0.96	2 3- 15	KV 2 URD XLP	3713	3564	3148	479	250	12	7	0.02	1.18	6
9721720	9720278	0.96	2 3-	Consumer	3713	3564	3148	479	250	12	0	0.00	1.18	0
9720253	9720241	0.88	418 3-	3/0 ACSR 6/1	3796	3645	3234	188	3026	129	43	0.01	1.17	16
9720275	9720253	0.93	417 3-	3/0 ACSR 6/1	3725	3569	3154	187	3021	129	43	0.07	1.23	145
9720274	9720275	0.94	417 3-	3/0 ACSR 6/1	3704	3547	3131	187	3019	129	43	0.02	1.25	43
D09-72-P003	9720274	0.94	11 1-	FUS	0	0	3131	187	72	9	211	0.00	2.00	0
9720089	D09-72-P003	0.97	11 1-	2 ACSR 6/1	0	0	3074	187	72	9	5	0.01	2.01	0
9720255	9720089	0.98	7 1-	2 ACSR 6/1	0	0	3053	187	51	6	4	0.00	2.01	0
9720267	9720255	1.02	7 1-	2 ACSR 6/1	0	0	2962	187	51	6	4	0.01	2.02	0
9720269	9720267	1.06	6 1-	2 ACSR 6/1	0	0	2895	186	43	5	3	0.00	2.02	0
9720272	9720269	1.08	2 1-	2 ACSR 6/1	0	0	2854	186	20	2	1	0.00	2.02	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9720273	9720272	1.11	1 1-	2 ACSR 6/1	0	0	2801	186	7	0	1	0.00	2.02	0
9720268	9720267	1.06	0 1-	2 ACSR 6/1	0	0	2892	186	0	0	0	0.00	2.02	0
9720266	9720268	1.11	0 1-	2 ACSR 6/1	0	0	2800	186	0	0	0	0.00	2.02	0
9720251	9720089	1.00	4 1-	2 ACSR 6/1	0	0	3003	187	22	2	2	0.00	2.01	0
9720252	9720251	1.04	3 1-	2 ACSR 6/1	0	0	2927	187	19	2	1	0.00	2.01	0
9720265	9720252	1.08	1 1-	2 ACSR 6/1	0	0	2856	186	10	1	1	0.00	2.01	0
9720270	9720274	1.02	404 3-	3/0 ACSR 6/1	3577	3414	2993	187	2941	125	42	0.13	1.36	256
9720271	9720270	1.08	402 3-	3/0 ACSR 6/1	3498	3331	2908	187	2924	125	42	0.08	1.43	167
9720257	9720271	1.11	1 1-	2 ACSR 6/1	0	0	2836	187	10	1	1	0.00	0.42	0
9720256	9720271	1.14	398 3-	3/0 ACSR 6/1	3409	3239	2814	187	2902	124	41	0.10	1.51	195
8790042	9720256	1.21	2 3-	3/0 ACSR 6/1	3309	3135	2709	186	16	0	0	0.00	1.52	0
8790207	8790042	1.24	2 1-	2 ACSR 6/1	0	0	2668	186	16	2	1	0.00	1.70	0
8790206	8790042	1.23	0 3-	3/0 ACSR 6/1	3293	3119	2693	186	0	0	0	0.00	1.52	0
08-79-P052-B	8790206	1.23	0 3-	Open	3293	3119	2693	186	0	0	0	0.00	1.52	0
8790162	9720256	1.20	396 3-	1/0 ACSR 6/1	3321	3146	2725	186	2885	123	54	0.13	1.63	278
8790163	8790162	1.27	4 1-	2 ACSR 6/1	0	0	2604	186	29	3	2	0.01	2.57	0
8790164	8790163	1.31	4 1-	2 ACSR 6/1	0	0	2550	185	29	3	2	0.00	2.58	0
8790130	8790164	1.37	4 1-	2 ACSR 6/1	0	0	2455	185	29	3	2	0.00	2.58	0
8790131	8790130	1.43	0 1-	2 ACSR 6/1	0	0	2375	184	0	0	0	0.00	2.58	0
8790166	8790162	1.26	389 3-	1/0 ACSR 6/1	3233	3054	2638	186	2836	121	53	0.14	1.75	281
8790173	8790166	1.26	388 3-	1/0 ACSR 6/1	3225	3045	2629	186	2826	121	53	0.01	1.76	28
08-79-P116-B	8790173	1.26	388 3-	Closed	3225	3045	2629	186	2826	121	0	0.00	1.76	0
08-79-P116-A	08-79-P116-B	1.26	388 3-	Closed	3225	3045	2629	186	2826	121	0	0.00	1.76	0
8790132	08-79-P116-A	1.32	388 3-	1/0 ACSR 6/1	3152	2970	2558	186	2826	121	53	0.12	1.86	243
8790148	8790132	1.34	386 3-	1/0 ACSR 6/1	3115	2932	2523	185	2816	120	53	0.06	1.91	125
8790165	8790148	1.39	1 1-	2 ACSR 6/1	0	0	2463	185	8	1	1	0.00	2.17	0
8790175	8790165	1.41	0 1-	2 ACSR 6/1	0	0	2424	185	0	0	0	0.00	2.17	0
8790147	8790148	1.41	385 3-	1/0 ACSR 6/1	3031	2846	2443	185	2807	120	52	0.15	2.04	294
8790146	8790147	1.46	3 1-	2 ACSR 6/1	0	0	2372	185	13	1	1	0.00	3.14	0
8790145	8790147	1.47	379 3-	1/0 ACSR 6/1	2956	2768	2371	185	2766	118	52	0.14	2.15	274
8790204	8790145	1.51	1 1-	2 ACSR 6/1	0	0	2322	185	4	0	0	0.00	2.45	0
8790176	8790145	1.52	377 3-	1/0 ACSR 6/1	2900	2712	2319	185	2753	118	52	0.10	2.24	206
8790177	8790176	1.57	376 3-	1/0 ACSR 6/1	2841	2651	2264	184	2737	117	51	0.12	2.34	228
8790168	8790177	1.60	75 3-	1/0 ACSR 6/1	2804	2614	2230	184	563	24	10	0.01	2.35	6
D08-79-P107	8790168	1.60	75 3-	REC-50-L	2804	2614	2230	184	563	24	48	0.00	2.35	0
8790169	D08-79-P107	1.63	75 3-	1/0 ACSR 6/1	2770	2579	2199	184	563	24	10	0.01	2.36	6
8790170	8790169	1.72	74 3-	1/0 ACSR 6/1	2683	2492	2120	184	555	23	10	0.03	2.39	14
8790171	8790170	1.84	73 3-	1/0 ACSR 6/1	2558	2367	2008	183	553	23	10	0.05	2.44	22
8790134	8790171	1.94	2 1-	2 ACSR 6/1	0	0	1921	182	10	1	1	0.00	3.62	0
8790156	8790171	1.89	71 3-	1/0 ACSR 6/1	2516	2325	1970	183	543	23	10	0.02	2.46	8
8790157	8790156	1.99	70 3-	1/0 ACSR 6/1	2424	2233	1889	182	540	23	10	0.04	2.50	17
8790160	8790157	2.16	1 1-	2 ACSR 6/1	0	0	1755	181	7	0	0	0.00	2.85	0
8790144	8790157	2.12	67 3-	1/0 ACSR 6/1	2318	2129	1798	181	521	22	10	0.05	2.54	20
8790143	8790144	2.18	63 3-	1/0 ACSR 6/1	2271	2083	1758	181	504	21	9	0.02	2.56	9
8790136	8790143	2.25	61 3-	1/0 ACSR 6/1	2220	2034	1714	181	484	20	9	0.02	2.59	9
8790139	8790136	2.31	18 1-	2 ACSR 6/1	0	0	1671	180	133	17	10	0.03	2.97	3
8790140	8790139	2.43	16 1-	2 ACSR 6/1	0	0	1594	179	120	15	9	0.05	3.02	5
8790141	8790140	2.46	15 1-	2 ACSR 6/1	0	0	1572	179	120	15	9	0.01	3.03	1
8780027	8790141	2.54	14 1-	2 ACSR 6/1	0	0	1525	179	116	14	8	0.03	3.07	3
8780037	8780027	2.64	1 1-	2 ACSR 6/1	0	0	1468	178	2	0	0	0.00	3.07	0
8780068	8780027	2.62	3 1-	2 ACSR 6/1	0	0	1477	178	21	2	2	0.00	3.07	0
8790191	8780068	2.72	1 1-	15 KV 2 URD XLP	0	0	1428	414	9	1	1	0.00	3.07	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
8780030	8780027	2.64	10 1-	2 ACSR 6/1	0	0	1468	178	92	11	7	0.03	3.10	2
8780031	8780030	2.70	8 1-	2 ACSR 6/1	0	0	1434	177	79	10	6	0.02	3.12	0
8780029	8780031	2.76	2 1-	2 ACSR 6/1	0	0	1403	177	16	2	1	0.00	3.12	0
8780028	8780031	2.74	5 1-	2 ACSR 6/1	0	0	1414	177	53	6	4	0.01	3.12	0
8780051	8780028	2.80	3 1-	2 ACSR 6/1	0	0	1386	177	34	4	2	0.01	3.13	0
8780052	8780051	2.86	2 1-	2 ACSR 6/1	0	0	1356	176	19	2	1	0.00	3.13	0
8780050	8780028	2.84	1 1-	2 ACSR 6/1	0	0	1366	176	12	1	1	0.00	3.13	0
8790161	8790139	2.36	1 1-	2 ACSR 6/1	0	0	1642	180	10	1	1	0.00	2.97	0
8790137	8790136	2.33	43 3-	1/0 ACSR 6/1	2163	1978	1666	180	351	15	7	0.00	2.61	9
8790138	8790137	2.36	41 3-	1/0 ACSR 6/1	2142	1958	1648	180	346	14	6	0.00	2.61	4
8790125	8790138	2.40	1 1-	2 ACSR 6/1	0	0	1623	180	8	0	1	0.00	1.21	0
8790028	8790138	2.40	25 1-	2 ACSR 6/1	0	0	1622	180	217	27	15	0.03	1.24	5
8790203	8790028	2.44	2 1-	2 ACSR 6/1	0	0	1600	180	18	2	1	0.00	1.24	0
8790127	8790028	2.43	22 1-	2 ACSR 6/1	0	0	1608	180	189	24	13	0.01	1.25	2
8790128	8790127	2.46	22 1-	2 ACSR 6/1	0	0	1583	179	189	24	13	0.03	1.28	4
8790129	8790128	2.50	1 1-	2 ACSR 6/1	0	0	1560	179	10	1	1	0.00	1.28	0
8790029	8790128	2.49	21 1-	2 ACSR 6/1	0	0	1566	179	179	22	13	0.02	1.30	3
8780067	8790029	2.59	3 1-	2 ACSR 6/1	0	0	1505	178	17	2	1	0.00	1.30	0
8690287	8780067	2.69	2 1-	2 ACSR 6/1	0	0	1454	178	6	0	0	0.00	1.30	0
8690286	8690287	2.78	1 1-	2 ACSR 6/1	0	0	1403	177	0	0	0	0.00	1.30	0
8780056	8790029	2.51	18 1-	2 ACSR 6/1	0	0	1552	179	162	20	12	0.01	1.31	2
8780058	8780056	2.56	1 1-	2 ACSR 6/1	0	0	1528	179	7	0	1	0.00	1.31	0
8780057	8780056	2.58	16 1-	2 ACSR 6/1	0	0	1516	179	138	17	10	0.03	1.34	3
8780053	8780057	2.60	2 1-	2 ACSR 6/1	0	0	1499	178	19	2	1	0.00	1.34	0
8780055	8780057	2.63	12 1-	2 ACSR 6/1	0	0	1486	178	104	13	7	0.02	1.36	2
8680013	8780055	2.66	10 1-	2 ACSR 6/1	0	0	1467	178	82	10	6	0.01	1.37	0
8680014	8680013	2.72	9 1-	2 ACSR 6/1	0	0	1437	178	77	9	5	0.01	1.39	0
8680010	8680014	2.77	4 1-	2 ACSR 6/1	0	0	1409	177	47	6	3	0.01	1.39	0
8680012	8680010	2.82	1 1-	2 ACSR 6/1	0	0	1386	177	11	1	1	0.00	1.40	0
8680011	8680010	2.84	1 1-	2 ACSR 6/1	0	0	1373	177	13	1	1	0.00	1.40	0
8680008	8680014	2.79	1 1-	2 ACSR 6/1	0	0	1402	177	9	1	1	0.00	1.39	0
8680009	8780055	2.68	2 1-	2 ACSR 6/1	0	0	1457	178	22	2	2	0.00	1.37	0
8780054	8780057	2.60	1 1-	2 ACSR 6/1	0	0	1502	178	10	1	1	0.00	1.34	0
8780071	8780054	2.61	1 1-	2 ACSR 6/1	0	0	1495	178	10	1	1	0.00	1.34	0
8790126	8790028	2.44	1 1-	2 ACSR 6/1	0	0	1598	180	11	1	1	0.00	1.24	0
8790027	8790138	2.38	15 1-	2 ACSR 6/1	0	0	1637	180	121	15	9	0.01	3.70	0
8790154	8790027	2.42	15 1-	2 ACSR 6/1	0	0	1612	180	121	15	9	0.02	3.72	2
8790208	8790154	2.44	1 1- 15 KV 2 URD XLP	0	0	0	1597	429	10	1	1	0.00	3.72	0
8790155	8790154	2.47	13 1-	2 ACSR 6/1	0	0	1582	179	102	13	7	0.02	3.74	1
8790153	8790155	2.50	12 1- 15 KV 2 URD XLP	0	0	0	1564	426	101	13	8	0.01	3.75	1
8790151	8790153	2.52	1 1- 15 KV 2 URD XLP	0	0	0	1553	425	13	1	1	0.00	3.75	0
8790181	8790153	2.53	10 1-	2 ACSR 6/1	0	0	1546	179	81	10	6	0.01	3.76	0
8790183	8790181	2.54	9 1-	2 ACSR 6/1	0	0	1535	179	75	9	5	0.00	3.76	0
8790150	8790183	2.57	7 1- 15 KV 2 URD XLP	0	0	0	1522	423	56	7	4	0.01	3.77	0
8690309	8790150	2.58	1 1- 15 KV 2 URD XLP	0	0	0	1514	422	5	0	0	0.00	3.77	0
8690276	8790150	2.59	5 1- 15 KV 2 URD XLP	0	0	0	1508	421	45	5	4	0.00	3.77	0
8690278	8690276	2.63	1 1-	2 ACSR 6/1	0	0	1486	178	11	1	1	0.00	3.77	0
8690277	8690276	2.61	2 1-	2 ACSR 6/1	0	0	1498	178	14	1	1	0.00	3.77	0
8790149	8790183	2.59	1 1- 15 KV 2 URD XLP	0	0	0	1511	421	13	1	1	0.00	3.77	0
8690275	8790149	2.63	1 1- 15 KV 2 URD XLP	0	0	0	1486	419	13	1	1	0.00	3.77	0
8790152	8790155	2.49	1 1- 15 KV 2 URD XLP	0	0	0	1566	426	1	0	0	0.00	3.74	0
8790124	8790152	2.51	0 1- 15 KV 2 URD XLP	0	0	0	1556	425	0	0	0	0.00	3.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8790193	8790152	2.54	1 1-	15 KV 2 URD XLP	0	0	1541	424	1	0	0	0.00	3.74	0
8790133	8790143	2.21	1 1-	2 ACSR 6/1	0	0	1739	181	9	1	1	0.00	3.67	0
8790142	8790144	2.24	4 1-	2 ACSR 6/1	0	0	1708	181	17	2	1	0.00	2.90	0
8790159	8790157	2.22	1 1-	2 ACSR 6/1	0	0	1705	180	3	0	0	0.00	3.64	0
8790158	8790157	2.08	1 1-	2 ACSR 6/1	0	0	1817	181	9	1	1	0.00	2.85	0
8790167	8790169	1.73	1 1-	2 ACSR 6/1	0	0	2093	183	7	0	1	0.00	2.70	0
8790184	8790167	1.79	1 1-	15 KV 2 URD XLP	0	0	2037	450	7	0	1	0.00	2.70	0
8790201	8790177	1.61	299 3-	1/0 ACSR 6/1	2791	2600	2218	184	2169	93	41	0.08	2.41	140
8790202	8790201	1.67	298 3-	1/0 ACSR 6/1	2727	2536	2160	184	2153	93	40	0.11	2.49	183
8790174	8790202	1.80	297 3-	1/0 ACSR 6/1	2597	2405	2042	183	2142	92	40	0.23	2.68	400
8790179	8790174	1.85	296 3-	1/0 ACSR 6/1	2548	2357	1999	183	2134	92	40	0.09	2.76	158
8790178	8790179	1.90	0 3-	1/0 ACSR 6/1	2505	2314	1961	183	0	0	0	0.00	2.76	0
8790135	8790178	1.91	0 3-	1/0 ACSR 6/1	2497	2307	1954	183	0	0	0	0.00	2.76	0
08-79-P091-B	8790135	1.91	0 3-	Open	2497	2307	1954	183	0	0	0	0.00	2.76	0
8790180	8790179	2.01	295 3-	1/0 ACSR 6/1	2411	2221	1879	182	2125	92	40	0.28	2.99	477
D08-69-P309	8790180	2.01	295 3-	REC-100-L	2411	2221	1879	182	2120	92	92	0.00	2.99	0
8690051	D08-69-P309	2.06	295 3-	1/0 ACSR 6/1	2364	2175	1838	182	2120	92	40	0.10	3.07	177
8690063	8690051	2.13	1 1-	2 ACSR 6/1	0	0	1787	181	7	0	1	0.00	4.81	0
8690046	8690051	2.12	294 3-	1/0 ACSR 6/1	2316	2128	1797	181	2112	91	40	0.11	3.16	184
20850070	8690046	2.18	1 1-	2 ACSR 6/1	0	0	1753	181	7	0	1	0.00	3.67	0
8690047	8690046	2.17	293 3-	1/0 ACSR 6/1	2283	2095	1768	181	2102	91	40	0.08	3.22	132
8690279	8690047	2.24	0 1-	2 ACSR 6/1	0	0	1712	181	0	0	0	0.00	3.75	0
8690280	8690047	2.24	293 3-	1/0 ACSR 6/1	2230	2043	1723	181	2101	91	40	0.13	3.32	216
D08-69-P005	8690280	2.24	1 1-	FUS-30	0	0	1723	181	6	0	3	0.00	5.24	0
8690306	D08-69-P005	2.44	1 1-	2 ACSR 6/1	0	0	1583	179	6	0	0	0.00	5.25	0
8690281	8690280	2.31	290 3-	1/0 ACSR 6/1	2180	1995	1681	180	2070	90	39	0.12	3.42	209
8690222	8690281	2.38	288 3-	1/0 ACSR 6/1	2134	1950	1642	180	2060	89	39	0.12	3.52	203
8690254	8690222	2.44	1 1-	2 ACSR 6/1	0	0	1601	180	10	1	1	0.00	5.59	0
8690255	8690222	2.42	7 1-	2 ACSR 6/1	0	0	1614	180	48	6	4	0.01	4.12	0
8690256	8690255	2.44	6 1-	2 ACSR 6/1	0	0	1600	180	43	5	3	0.00	4.13	0
8690257	8690256	2.47	5 1-	2 ACSR 6/1	0	0	1579	179	34	4	2	0.00	4.13	0
8690300	8690257	2.51	4 1-	2 ACSR 6/1	0	0	1556	179	22	2	2	0.00	4.13	0
8690301	8690300	2.58	2 1-	2 ACSR 6/1	0	0	1514	179	15	1	1	0.00	4.13	0
8690304	8690222	2.45	280 3-	1/0 ACSR 6/1	2084	1902	1600	180	2000	87	38	0.12	3.62	215
8690307	8690304	2.50	2 3-	1/0 ACSR 6/1	2055	1874	1576	179	19	0	0	0.00	3.62	0
8690305	8690304	2.47	278 3-	1/0 ACSR 6/1	2074	1892	1591	180	1979	86	38	0.03	3.64	43
8690225	8690305	2.52	278 3-	1/0 ACSR 6/1	2043	1862	1565	179	1979	86	38	0.08	3.71	138
8690209	8690225	2.56	1 1-	2 ACSR 6/1	0	0	1543	179	14	1	1	0.00	4.35	0
8690207	8690225	2.54	5 1-	2 ACSR 6/1	0	0	1550	179	37	4	3	0.00	5.94	0
8690208	8690207	2.56	4 1-	2 ACSR 6/1	0	0	1539	179	21	2	2	0.00	5.94	0
8690206	8690208	2.60	3 1-	2 ACSR 6/1	0	0	1516	179	14	1	1	0.00	5.94	0
8690272	8690206	2.64	2 1-	2 ACSR 6/1	0	0	1496	178	13	1	1	0.00	5.94	0
8690273	8690272	2.68	1 1-	2 ACSR 6/1	0	0	1471	178	9	1	1	0.00	5.94	0
8690052	8690225	2.57	272 3-	1/0 ACSR 6/1	2012	1832	1540	179	1925	84	37	0.08	3.78	131
8690204	8690052	2.59	12 1-	2 ACSR 6/1	0	0	1529	179	79	10	6	0.01	6.05	0
8690205	8690204	2.60	11 1-	2 ACSR 6/1	0	0	1518	179	73	9	5	0.00	6.06	0
8690226	8690205	2.64	9 1-	2 ACSR 6/1	0	0	1497	179	67	8	5	0.01	6.07	0
8690224	8690226	2.70	7 1-	2 ACSR 6/1	0	0	1465	178	57	7	4	0.01	6.08	0
8690274	8690224	2.77	6 1-	2 ACSR 6/1	0	0	1430	178	47	6	3	0.01	6.09	0
8690258	8690274	2.81	5 1-	2 ACSR 6/1	0	0	1408	177	43	5	3	0.01	6.10	0
8690259	8690258	2.86	4 1-	2 ACSR 6/1	0	0	1382	177	35	4	3	0.01	6.10	0
8690260	8690259	2.89	3 1-	2 ACSR 6/1	0	0	1367	177	24	3	2	0.00	6.10	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8690261	8690260	2.93	2 1-	2 ACSR 6/1	0	0	1351	176	13	1	1	0.00	6.11	0
8690262	8690261	2.98	2 1-	2 ACSR 6/1	0	0	1328	176	13	1	1	0.00	6.11	0
8690199	8690052	2.62	260 3-	1/0 ACSR 6/1	1979	1801	1513	179	1846	80	35	0.10	3.85	132
8690210	8690199	2.66	258 3-	1/0 ACSR 6/1	1960	1782	1496	179	1831	80	35	0.06	3.89	81
20850010	8690210	2.67	257 3-	1/0 ACSR 6/1	1951	1773	1489	179	1821	79	35	0.03	3.91	36
20850011	20850010	2.71	256 3-	1/0 ACSR 6/1	1932	1755	1474	178	1809	79	34	0.06	3.95	78
8690067	20850011	2.75	6 1-	2 ACSR 6/1	0	0	1452	178	23	3	2	0.00	4.67	0
8690068	8690067	2.81	2 1-	2 ACSR 6/1	0	0	1419	178	5	0	0	0.00	4.68	0
8690048	20850011	2.75	250 3-	1/0 ACSR 6/1	1906	1730	1452	178	1785	78	34	0.08	4.01	110
8690296	8690048	2.83	8 1-	2 ACSR 6/1	0	0	1412	178	50	6	4	0.01	6.45	0
8690297	8690296	2.85	6 1-	2 ACSR 6/1	0	0	1400	177	37	4	3	0.00	6.45	0
8690298	8690297	2.99	4 1-	2 ACSR 6/1	0	0	1335	176	20	2	1	0.01	6.46	0
8690299	8690298	3.04	1 1-	2 ACSR 6/1	0	0	1314	176	8	1	1	0.00	6.46	0
8690200	8690297	2.89	1 1-	2 ACSR 6/1	0	0	1382	177	6	0	0	0.00	6.45	0
8690049	8690048	2.80	242 3-	1/0 ACSR 6/1	1883	1708	1433	178	1734	76	33	0.07	4.06	93
8690333	8690049	2.83	1 1-	2 ACSR 6/1	0	0	1418	178	9	1	1	0.00	4.83	0
8690289	8690049	2.85	2 1-	2 ACSR 6/1	0	0	1407	178	11	1	1	0.00	4.83	0
8690202	8690049	2.84	238 3-	1/0 ACSR 6/1	1860	1686	1414	178	1704	74	33	0.07	4.12	92
8690203	8690202	2.92	233 3-	1/0 ACSR 6/1	1818	1646	1380	177	1672	73	32	0.13	4.21	163
8690291	8690203	3.01	1 1- 15 KV	2 URD XLP	0	0	1341	410	16	2	1	0.01	5.04	0
8690292	8690291	3.16	1 1- 15 KV	2 URD XLP	0	0	1276	402	16	2	1	0.01	5.05	0
8690050	8690203	3.00	232 3-	1/0 ACSR 6/1	1782	1611	1351	177	1655	72	32	0.12	4.30	145
8690045	8690050	3.03	228 3-	1/0 ACSR 6/1	1765	1596	1337	177	1617	71	31	0.05	4.34	65
8690334	8690045	3.11	227 3-	1/0 ACSR 6/1	1728	1560	1307	176	1615	71	31	0.12	4.43	148
8590050	8690334	3.16	5 1-	2 ACSR 6/1	0	0	1289	176	53	6	4	0.01	5.33	0
8590049	8590050	3.18	1 1-	2 ACSR 6/1	0	0	1281	176	14	1	1	0.00	5.33	0
8590047	8590049	3.20	0 1-	2 ACSR 6/1	0	0	1271	176	0	0	0	0.00	5.33	0
8590048	8590050	3.18	2 1-	2 ACSR 6/1	0	0	1279	176	18	2	1	0.00	5.33	0
8590022	8590050	3.21	2 1-	2 ACSR 6/1	0	0	1266	176	20	2	1	0.00	5.33	0
8590041	8590022	3.23	1 1-	2 ACSR 6/1	0	0	1260	176	7	0	1	0.00	5.34	0
8590040	8590041	3.26	0 1-	2 ACSR 6/1	0	0	1246	175	0	0	0	0.00	5.34	0
8590021	8690334	3.18	222 3-	1/0 ACSR 6/1	1697	1532	1283	176	1561	68	30	0.09	4.50	116
8590035	8590021	3.23	136 3-	1/0 ACSR 6/1	1678	1513	1267	176	951	41	18	0.04	4.53	26
8590036	8590035	3.30	134 3-	1/0 ACSR 6/1	1649	1486	1244	175	937	41	18	0.05	4.58	38
08-59-P343-B	8590036	3.30	134 3-	Closed	1649	1486	1244	175	937	41	0	0.00	4.58	0
08-59-P343-A	08-59-P343-B	3.30	134 3-	Closed	1649	1486	1244	175	937	41	0	0.00	4.58	0
8590037	08-59-P343-A	3.35	134 3-	1/0 ACSR 6/1	1627	1465	1226	175	937	41	18	0.04	4.61	31
8590051	8590037	3.38	1 1- 15 KV	2 URD XLP	0	0	1215	400	10	1	1	0.00	5.55	0
8590038	8590037	3.38	1 1-	2 ACSR 6/1	0	0	1217	175	2	0	0	0.00	0.88	0
8590052	8590037	3.42	132 3-	1/0 ACSR 6/1	1599	1439	1204	175	924	40	18	0.05	4.66	39
8590124	8590052	3.50	131 3-	1/0 ACSR 6/1	1569	1410	1180	174	914	40	18	0.06	4.71	43
8590125	8590124	3.55	130 3-	1/0 ACSR 6/1	1552	1395	1167	174	904	39	17	0.03	4.74	25
8590055	8590125	3.61	129 3-	1/0 ACSR 6/1	1529	1373	1148	174	893	39	17	0.05	4.78	35
8590113	8590055	3.67	121 3-	1/0 ACSR 6/1	1508	1354	1132	174	826	36	16	0.03	4.81	26
8590053	8590113	3.73	1 1-	2 ACSR 6/1	0	0	1114	173	18	2	1	0.00	5.78	0
8590054	8590053	3.83	1 1-	2 ACSR 6/1	0	0	1081	172	18	2	1	0.01	5.79	0
8590039	8590054	4.01	1 1- 15 KV	2 URD XLP	0	0	1031	377	18	2	1	0.01	5.79	0
8590103	8590113	3.92	120 3-	1/0 ACSR 6/1	1427	1278	1069	172	807	35	16	0.13	4.95	107
8590111	8590103	3.98	115 3-	1/0 ACSR 6/1	1407	1259	1053	172	782	34	15	0.03	4.98	28
8590112	8590111	4.04	111 3-	1/0 ACSR 6/1	1389	1243	1039	172	763	33	15	0.03	5.01	24
8590101	8590112	4.09	110 3-	1/0 ACSR 6/1	1375	1230	1028	171	751	33	14	0.02	5.04	19
8590109	8590101	4.21	2 1-	2 ACSR 6/1	0	0	995	171	19	2	1	0.00	5.98	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
8590106	8590101	4.18	94 3-	1/0 ACSR 6/1	1350	1207	1008	171	651	28	13	0.02	5.08	28
8590108	8590106	4.21	3 1-	2 ACSR 6/1	0	0	999	171	15	1	1	0.00	8.23	0
8590095	8590108	4.33	1 1-	2 ACSR 6/1	0	0	970	170	4	0	0	0.00	8.23	0
8590107	8590106	4.25	90 3-	1/0 ACSR 6/1	1332	1190	994	171	632	28	12	0.01	5.11	20
8590117	8590107	4.39	1 1-	2 ACSR 6/1	0	0	959	170	15	2	1	0.00	6.01	0
8590096	8590107	4.28	89 3-	1/0 ACSR 6/1	1324	1182	988	171	616	27	12	0.00	5.12	9
8590094	8590096	4.42	86 3-	1/0 ACSR 6/1	1287	1148	959	170	609	27	12	0.02	5.18	41
9520103	8590094	4.48	85 3-	1/0 ACSR 6/1	1272	1134	947	170	601	26	12	0.01	5.21	17
9520104	9520103	4.54	84 3-	1/0 ACSR 6/1	1257	1121	936	169	600	26	12	0.01	5.23	17
09-52-P123-B	9520104	4.54	84 3-	Closed	1257	1121	936	169	600	26	0	0.00	5.23	0
09-52-P123-A	09-52-P123-B	4.54	84 3-	Closed	1257	1121	936	169	600	26	0	0.00	5.23	0
9520018	09-52-P123-A	4.61	84 3-	1/0 ACSR 6/1	1240	1105	923	169	600	26	12	0.01	5.26	21
9520126	9520018	4.68	2 1- 15 KV 2 URD XLP		0	0	907	363	16	2	1	0.00	8.63	0
9520127	9520018	4.69	1 1-	2 ACSR 6/1	0	0	906	168	0	0	0	0.00	1.10	0
9520128	9520127	4.81	0 1-	2 ACSR 6/1	0	0	881	168	0	0	0	0.00	1.10	0
9520150	9520018	4.72	1 1-	2 ACSR 6/1	0	0	899	168	3	0	0	0.00	8.63	0
9520107	9520018	4.67	80 3-	1/0 ACSR 6/1	1225	1091	911	169	580	25	11	0.01	5.29	17
9520106	9520107	4.72	71 3-	1/0 ACSR 6/1	1214	1081	903	168	473	21	9	0.01	5.30	8
9520125	9520106	4.77	1 1- 15 KV 2 URD XLP		0	0	893	362	4	0	0	0.00	6.07	0
9520129	9520106	4.81	1 1-	2 ACSR 6/1	0	0	885	168	5	0	0	0.00	8.71	0
9520108	9520106	4.76	69 3-	1/0 ACSR 6/1	1204	1072	895	168	464	20	9	0.01	5.32	6
9520148	9520108	4.94	68 3-	1/0 ACSR 6/1	1167	1037	866	167	459	20	9	0.04	5.37	25
9520131	9520148	5.02	3 1-	2 ACSR 6/1	0	0	850	167	36	4	3	0.01	6.13	0
9520151	9520131	5.14	2 1-	2 ACSR 6/1	0	0	829	166	19	2	1	0.00	6.13	0
9520130	9520148	5.06	61 3-	1/0 ACSR 6/1	1142	1015	848	167	412	18	8	0.01	5.41	15
9520120	9520130	5.12	1 1-	2 ACSR 6/1	0	0	836	166	14	1	1	0.00	6.13	0
9520142	9520130	5.20	58 3-	1/0 ACSR 6/1	1115	990	827	166	360	16	7	0.00	5.44	15
9520143	9520142	5.23	57 3-	1/0 ACSR 6/1	1109	984	822	166	354	15	7	0.00	5.45	4
9520021	9520143	5.30	54 3-	1/0 ACSR 6/1	1095	972	811	166	328	14	6	0.00	5.46	7
D09-52-P021	9520021	5.30	26 1-	REC-35-H	0	0	811	166	154	20	60	0.00	9.05	0
9520146	D09-52-P021	5.34	26 1-	2 ACSR 6/1	0	0	805	165	154	20	12	0.02	9.07	3
9520027	9520146	5.38	25 1-	2 ACSR 6/1	0	0	799	165	147	20	11	0.02	9.09	2
9520029	9520027	5.43	14 1-	2 ACSR 6/1	0	0	791	165	91	12	7	0.02	9.11	1
9520039	9520029	5.48	12 1-	2 ACSR 6/1	0	0	783	165	74	10	6	0.01	9.12	0
9520024	9520039	5.59	9 1-	2 ACSR 6/1	0	0	764	164	58	7	4	0.03	9.15	1
9520026	9520024	5.72	1 1-	2 ACSR 6/1	0	0	746	163	2	0	0	0.00	9.15	0
9520025	9520024	5.62	2 1-	2 ACSR 6/1	0	0	760	164	24	3	2	0.00	9.15	0
9520022	9520024	5.67	5 1-	2 ACSR 6/1	0	0	753	163	25	3	2	0.00	9.15	0
9420036	9520022	5.78	2 1- 15 KV 2 URD XLP		0	0	736	333	2	0	0	0.00	9.15	0
9520028	9520027	5.45	11 1-	2 ACSR 6/1	0	0	787	165	56	7	4	0.02	9.11	0
9520030	9520028	5.47	10 1-	2 ACSR 6/1	0	0	784	165	54	7	4	0.00	9.11	0
9520032	9520030	5.49	2 1-	2 ACSR 6/1	0	0	780	164	13	1	1	0.00	9.11	0
9520036	9520032	5.51	1 1-	2 ACSR 6/1	0	0	777	164	4	0	0	0.00	9.12	0
9520031	9520030	5.68	8 1-	2 ACSR 6/1	0	0	752	163	41	5	3	0.03	9.14	0
9520023	9520031	5.74	7 1-	2 ACSR 6/1	0	0	743	163	34	4	3	0.01	9.15	0
9520020	9520023	5.82	5 1- 15 KV 2 URD XLP		0	0	731	332	27	3	2	0.01	9.16	0
9520141	9520020	5.87	4 1- 15 KV 2 URD XLP		0	0	724	331	19	2	2	0.00	9.17	0
9520037	9520141	5.95	4 1-	2 ACSR 6/1	0	0	714	161	19	2	1	0.01	9.17	0
9520038	9520037	6.03	3 1-	2 ACSR 6/1	0	0	702	161	16	2	1	0.00	9.18	0
9520019	9520023	5.91	1 1-	2 ACSR 6/1	0	0	718	162	5	0	0	0.00	9.15	0
9520116	9520021	5.45	26 3-	1/0 ACSR 6/1	1068	947	791	165	134	5	3	0.01	5.48	1
9520117	9520116	5.54	26 3-	1/0 ACSR 6/1	1053	933	780	165	134	5	3	0.01	5.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9520118	9520117	5.60	24 3-	1/0 ACSR 6/1	1043	924	772	164	129	5	2	0.01	5.49	0
9520114	9520118	5.66	1 1-	2 ACSR 6/1	0	0	762	164	4	0	0	0.00	6.15	0
9520113	9520118	5.70	5 1-	2 ACSR 6/1	0	0	757	164	34	4	3	0.01	9.10	0
9520115	9520113	5.73	1 1-	2 ACSR 6/1	0	0	752	163	10	1	1	0.00	9.10	0
9520112	9520113	5.78	2 1-	2 ACSR 6/1	0	0	745	163	14	1	1	0.00	9.10	0
9520017	9520118	5.73	18 3-	1/0 ACSR 6/1	1022	905	756	164	90	3	2	0.01	5.50	0
9520011	9520017	5.81	2 1-	15 KV 2 URD XLP	0	0	744	336	23	2	2	0.00	6.17	0
9520144	9520017	5.75	16 3-	1/0 ACSR 6/1	1018	902	753	164	67	2	1	0.00	5.50	0
9520145	9520144	5.81	16 3-	1/0 ACSR 6/1	1009	893	746	163	67	2	1	0.00	5.50	0
9520119	9520145	5.90	3 1-	2 ACSR 6/1	0	0	733	163	15	1	1	0.00	6.17	0
9520012	9520145	5.96	2 1-	2 ACSR 6/1	0	0	724	162	6	0	0	0.00	9.09	0
9520016	9520145	6.00	11 3-	1/0 ACSR 6/1	980	867	724	163	46	2	1	0.00	5.51	0
9420071	9520016	6.13	8 3-	1/0 ACSR 6/1	960	849	709	162	23	1	0	0.00	5.51	0
9530182	9420071	6.21	7 3-	1/0 ACSR 6/1	950	840	701	162	20	0	0	0.00	5.51	0
9530143	9530182	6.24	3 3-	1/0 ACSR 6/1	945	835	697	161	6	0	0	0.00	5.51	0
9530144	9530143	6.25	0 3-	1/0 ACSR 6/1	944	834	697	161	0	0	0	0.00	5.51	0
09-53-P002-B	9530144	6.25	0 3-	Open	944	834	697	161	0	0	0	0.00	5.51	0
9420037	9520016	6.08	2 1-	2 ACSR 6/1	0	0	712	162	19	2	1	0.00	1.27	0
9420038	9420037	6.12	1 1-	2 ACSR 6/1	0	0	707	162	9	1	1	0.00	1.27	0
9420047	9520016	6.08	1 1-	2 ACSR 6/1	0	0	713	162	4	0	0	0.00	6.18	0
9520035	9520021	5.39	1 1-	2 ACSR 6/1	0	0	798	165	18	2	1	0.00	6.13	0
9520134	9520130	5.18	2 1-	2 ACSR 6/1	0	0	825	166	37	4	3	0.01	6.15	0
9520133	9520134	5.21	1 1-	15 KV 2 URD XLP	0	0	820	350	23	3	2	0.00	6.15	0
9520149	9520148	4.99	0 1-	2 ACSR 6/1	0	0	856	167	0	0	0	0.00	8.84	0
9520164	9520148	5.09	1 1-	2 ACSR 6/1	0	0	838	166	4	0	0	0.00	6.12	0
9520105	9520107	4.71	8 1-	2 ACSR 6/1	0	0	903	168	97	13	7	0.01	8.70	0
9520124	9520105	4.73	2 1-	15 KV 2 URD XLP	0	0	900	363	23	3	2	0.00	8.70	0
9520123	9520105	4.79	4 1-	15 KV 2 URD XLP	0	0	888	360	54	7	4	0.02	8.72	0
9520122	9520123	4.80	2 1-	15 KV 2 URD XLP	0	0	885	360	29	3	2	0.00	8.72	0
9520121	9520123	4.81	2 1-	15 KV 2 URD XLP	0	0	883	359	26	3	2	0.00	8.72	0
8590105	8590101	4.14	11 1-	2 ACSR 6/1	0	0	1016	171	55	7	4	0.01	5.99	0
D08-59-P096	8590105	4.14	10 1-	REC-50-H	0	0	1016	171	54	7	14	0.00	5.99	0
8590018	D08-59-P096	4.18	10 1-	2 ACSR 6/1	0	0	1005	171	54	7	4	0.01	6.00	0
8590110	8590018	4.23	1 1-	2 ACSR 6/1	0	0	992	171	0	0	0	0.00	6.00	0
8590097	8590018	4.18	9 1-	2 ACSR 6/1	0	0	1004	171	54	7	4	0.00	6.00	0
8590099	8590097	4.25	7 1-	2 ACSR 6/1	0	0	987	170	36	4	3	0.01	6.01	0
8590098	8590099	4.38	5 1-	2 ACSR 6/1	0	0	955	169	36	4	3	0.02	6.02	0
8590034	8590098	4.53	2 1-	2 ACSR 6/1	0	0	920	168	20	2	2	0.01	6.03	0
D08-59-P053	8590034	4.53	1 1-	FUS-25	0	0	920	168	1	0	0	0.00	6.03	0
8590127	D08-59-P053	4.74	1 1-	2 ACSR 6/1	0	0	875	167	1	0	0	0.00	6.03	0
8590033	8590098	4.42	1 1-	2 ACSR 6/1	0	0	945	169	6	0	0	0.00	6.02	0
8590132	8590033	4.54	0 1-	2 ACSR 6/1	0	0	917	168	0	0	0	0.00	6.02	0
8590032	8590098	4.43	1 1-	2 ACSR 6/1	0	0	942	169	2	0	0	0.00	6.02	0
8590100	8590099	4.33	2 1-	2 ACSR 6/1	0	0	967	170	1	0	0	0.00	6.01	0
8590102	8590101	4.13	1 1-	2 ACSR 6/1	0	0	1018	171	12	1	1	0.00	5.98	0
8590104	8590103	4.00	3 1-	2 ACSR 6/1	0	0	1045	172	12	1	1	0.00	5.90	0
8590122	8590055	3.69	7 1-	2 ACSR 6/1	0	0	1121	173	67	8	5	0.02	5.76	0
8590123	8590122	3.75	6 1-	2 ACSR 6/1	0	0	1102	173	58	7	4	0.01	5.77	0
8590128	8590123	3.83	3 1-	2 ACSR 6/1	0	0	1078	172	28	3	2	0.01	5.78	0
8690308	8590128	3.90	2 1-	15 KV 2 URD XLP	0	0	1058	382	18	2	1	0.00	5.79	0
8690303	8590128	3.87	1 1-	2 ACSR 6/1	0	0	1066	172	10	1	1	0.00	5.78	0
8690302	8690303	3.93	1 1-	15 KV 2 URD XLP	0	0	1050	381	10	1	1	0.00	5.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8590114	8590123	3.82	2 1-	2 ACSR 6/1	0	0	1083	172	21	2	2	0.00	5.78	0
8590115	8590021	3.23	86 3-	2 ACSR 6/1	1675	1510	1265	176	609	26	15	0.04	4.53	21
8590116	8590115	3.40	85 3-	2 ACSR 6/1	1587	1425	1197	174	604	26	15	0.16	4.64	84
D08-58-P033	8590116	3.40	85 3-	REC-50-H	1587	1425	1197	174	603	26	54	0.00	4.64	0
8580040	D08-58-P033	3.45	85 3-	2 ACSR 6/1	1562	1402	1178	174	603	26	15	0.05	4.68	25
8580066	8580040	3.56	81 3-	2 ACSR 6/1	1517	1358	1143	173	571	25	14	0.09	4.74	44
8580055	8580066	3.66	80 3-	2 ACSR 6/1	1471	1315	1107	173	557	24	14	0.10	4.80	46
8580042	8580055	3.72	79 3-	2 ACSR 6/1	1449	1293	1090	172	549	24	14	0.05	4.83	23
8580044	8580042	3.90	40 1-	2 ACSR 6/1	0	0	1037	171	293	38	22	0.20	6.09	46
8580045	8580044	3.95	39 1-	2 ACSR 6/1	0	0	1024	171	282	37	21	0.05	6.14	12
8580081	8580045	4.03	38 1-	2 ACSR 6/1	0	0	1002	170	268	35	20	0.08	6.23	17
8590058	8580081	4.08	36 1-	2 ACSR 6/1	0	0	989	170	255	33	19	0.05	6.27	10
8590024	8590058	4.13	25 1-	2 ACSR 6/1	0	0	976	169	168	22	12	0.03	6.31	4
D08-59-P061	8590024	4.13	21 1-	FUS-25	0	0	976	169	139	18	82	0.00	6.31	0
8590126	D08-59-P061	4.17	21 1-	2 ACSR 6/1	0	0	964	169	139	18	10	0.02	6.33	3
8590046	8590126	4.23	20 1-	2 ACSR 6/1	0	0	951	169	129	17	10	0.02	6.35	2
8590027	8590046	4.28	16 1-	2 ACSR 6/1	0	0	940	168	107	14	8	0.02	6.37	2
8590029	8590027	4.33	15 1-	2 ACSR 6/1	0	0	929	168	101	13	7	0.02	6.39	1
8590030	8590029	4.37	13 1-	2 ACSR 6/1	0	0	919	168	78	10	6	0.01	6.40	0
8590031	8590030	4.38	1 1-	2 ACSR 6/1	0	0	915	168	6	0	0	0.00	6.40	0
8590020	8590030	4.39	12 1-	2 ACSR 6/1	0	0	914	167	72	9	5	0.01	6.41	0
8490010	8590020	4.42	11 1-	2 ACSR 6/1	0	0	908	167	65	8	5	0.01	6.42	0
8490011	8490010	4.50	1 1-	2 ACSR 6/1	0	0	891	167	9	1	1	0.00	6.42	0
8490009	8490010	4.49	10 1-	2 ACSR 6/1	0	0	894	167	56	7	4	0.01	6.43	0
8480015	8490009	4.50	8 1-	2 ACSR 6/1	0	0	891	167	44	5	3	0.00	6.43	0
8480016	8480015	4.54	7 1-	2 ACSR 6/1	0	0	882	166	36	4	3	0.01	6.44	0
8490005	8480016	4.57	7 1-	2 ACSR 6/1	0	0	875	166	36	4	3	0.00	6.44	0
8490007	8490005	4.62	5 1-	2 ACSR 6/1	0	0	866	166	25	3	2	0.00	6.44	0
8490008	8490007	4.65	3 1-	2 ACSR 6/1	0	0	860	166	13	1	1	0.00	6.45	0
8490006	8490008	4.71	2 1-	2 ACSR 6/1	0	0	849	165	9	1	1	0.00	6.45	0
8490013	8490006	4.75	1 1-	2 ACSR 6/1	0	0	841	165	5	0	0	0.00	6.45	0
8490014	8490013	4.80	1 1-	2 ACSR 6/1	0	0	832	165	5	0	0	0.00	6.45	0
8590028	8590027	4.33	1 1-	2 ACSR 6/1	0	0	927	168	6	0	0	0.00	6.37	0
8590057	8590024	4.25	2 1-	2 ACSR 6/1	0	0	946	168	7	0	1	0.00	6.31	0
8580080	8590057	4.28	1 1-	2 ACSR 6/1	0	0	939	168	5	0	0	0.00	6.31	0
8590023	8590024	4.24	1 1-	2 ACSR 6/1	0	0	950	169	13	1	1	0.00	6.31	0
8590019	8590058	4.13	11 1-	2 ACSR 6/1	0	0	975	169	87	11	6	0.02	6.29	1
8590044	8590019	4.18	5 1-	2 ACSR 6/1	0	0	963	169	42	5	3	0.01	6.30	0
8590045	8590044	4.20	4 1-	2 ACSR 6/1	0	0	957	169	32	4	2	0.00	6.30	0
8590043	8590045	4.28	3 1-	2 ACSR 6/1	0	0	940	168	24	3	2	0.01	6.31	0
8590042	8590043	4.33	2 1-	2 ACSR 6/1	0	0	927	168	12	1	1	0.00	6.31	0
8590056	8590042	4.43	1 1-	2 ACSR 6/1	0	0	906	167	8	1	1	0.00	6.31	0
8590025	8590019	4.19	6 1-	2 ACSR 6/1	0	0	960	169	45	5	3	0.01	6.30	0
8590026	8590025	4.25	5 1-	2 ACSR 6/1	0	0	946	168	45	5	3	0.01	6.31	0
8590130	8590026	4.38	4 1-	2 ACSR 6/1	0	0	918	168	34	4	3	0.01	6.32	0
8590129	8590130	4.44	2 1-	2 ACSR 6/1	0	0	904	167	13	1	1	0.00	6.33	0
8590131	8590129	4.46	2 1-	2 ACSR 6/1	0	0	898	167	13	1	1	0.00	6.33	0
8580043	8580042	3.77	2 1-	2 ACSR 6/1	0	0	1074	172	19	2	1	0.00	7.82	0
8580046	8580042	3.75	37 3-	2 ACSR 6/1	1436	1282	1081	172	237	10	6	-0.01	4.84	4
8580047	8580046	3.81	33 3-	2 ACSR 6/1	1412	1259	1063	172	224	10	6	-0.01	4.85	9
8580050	8580047	3.87	32 3-	2 ACSR 6/1	1388	1236	1044	171	212	9	5	-0.02	4.87	9
8580060	8580050	3.92	28 1-	2 ACSR 6/1	0	0	1030	171	191	25	14	0.04	7.99	6

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
8580061	8580060	3.96	27 1-	2 ACSR 6/1	0	0	1021	170	182	24	14	0.02	8.01	3	
8580063	8580061	3.98	26 1-	2 ACSR 6/1	0	0	1013	170	171	23	13	0.02	8.03	3	
8580064	8580063	4.04	23 1-	2 ACSR 6/1	0	0	1000	170	161	21	12	0.03	8.06	4	
8580057	8580064	4.08	20 1-	2 ACSR 6/1	0	0	988	170	140	18	10	0.02	8.08	3	
8580082	8580057	4.11	1 1-	2 ACSR 6/1	0	0	980	169	8	1	1	0.00	8.08	0	
8580058	8580057	4.12	18 1-	2 ACSR 6/1	0	0	977	169	123	16	9	0.02	8.10	2	
8580065	8580058	4.18	1 1-	2 ACSR 6/1	0	0	963	169	10	1	1	0.00	8.10	0	
8580059	8580058	4.19	1 1-	2 ACSR 6/1	0	0	962	169	11	1	1	0.00	8.10	0	
8580079	8580058	4.21	16 1-	2 ACSR 6/1	0	0	957	169	101	13	8	0.03	8.13	3	
8480019	8580079	4.23	12 1-	2 ACSR 6/1	0	0	950	169	72	9	5	0.01	8.14	0	
8480020	8480019	4.30	11 1-	2 ACSR 6/1	0	0	935	168	63	8	5	0.01	8.15	0	
8480021	8480020	4.35	8 1-	2 ACSR 6/1	0	0	923	168	43	5	3	0.01	8.16	0	
8480022	8480021	4.39	6 1-	2 ACSR 6/1	0	0	915	168	24	3	2	0.00	8.16	0	
8480012	8480022	4.42	4 1-	2 ACSR 6/1	0	0	908	167	16	2	1	0.00	8.17	0	
8480013	8480012	4.47	1 1-	2 ACSR 6/1	0	0	896	167	8	1	1	0.00	8.17	0	
8480014	8480012	4.46	3 1-	2 ACSR 6/1	0	0	898	167	8	1	1	0.00	8.17	0	
8480017	8480022	4.45	2 1-	2 ACSR 6/1	0	0	901	167	7	0	1	0.00	8.16	0	
8480018	8580079	4.26	3 1-	2 ACSR 6/1	0	0	944	168	22	3	2	0.00	8.14	0	
8480023	8480018	4.31	2 1-	2 ACSR 6/1	0	0	933	168	16	2	1	0.00	8.14	0	
8580062	8580063	4.02	2 1-	2 ACSR 6/1	0	0	1003	170	8	1	1	0.00	8.03	0	
8580056	8580050	4.06	1 1-	2 ACSR 6/1	0	0	993	170	6	0	0	0.00	7.95	0	
8580049	8580047	3.83	1 1-	2 ACSR 6/1	0	0	1057	171	11	1	1	0.00	5.87	0	
8580048	8580047	3.85	0 1-	2 ACSR 6/1	0	0	1050	171	0	0	0	0.00	7.90	0	
8580054	8580040	3.54	4 1-	2 ACSR 6/1	0	0	1149	173	32	4	2	0.01	7.56	0	
8580051	8580054	3.58	3 1-	2 ACSR 6/1	0	0	1135	173	28	3	2	0.00	7.56	0	
8580041	8580051	3.61	1 1-	2 ACSR 6/1	0	0	1124	173	17	2	1	0.00	7.56	0	
8580052	8580051	3.84	2 1-	2 ACSR 6/1	0	0	1053	171	11	1	1	0.01	7.57	0	
8690223	8690050	3.06	1 1-	2 ACSR 6/1	0	0	1321	176	11	1	1	0.00	6.90	0	
8690294	8690050	3.01	3 1-	2 ACSR 6/1	0	0	1345	177	26	3	2	0.00	5.15	0	
8690295	8690294	3.05	2 1-	2 ACSR 6/1	0	0	1329	177	18	2	1	0.00	5.15	0	
8690293	8690295	3.09	1 1-	2 ACSR 6/1	0	0	1308	176	9	1	1	0.00	5.15	0	
8690201	8690202	2.88	4 1-	2 ACSR 6/1	0	0	1394	177	27	3	2	0.00	4.90	0	
8690290	8690201	2.91	2 1-	2 ACSR 6/1	0	0	1381	177	10	1	1	0.00	4.91	0	
9720216	9720270	1.04	1 1-	2 ACSR 6/1	0	0	2958	187	13	1	1	0.00	1.51	0	
9720217	9720216	1.09	1 1-	15 KV 2 URD XLP	0	0	2867	475	13	1	1	0.00	1.51	0	
9720254	9720274	0.98	2 1-	2 ACSR 6/1	0	0	3047	187	5	0	0	0.00	1.38	0	
9720250	9720226	0.78	1 1-	2 ACSR 6/1	0	0	3401	188	10	1	1	0.00	0.98	0	
9720225	9720224	0.69	6 1-	2 ACSR 6/1	0	0	3618	188	21	2	1	0.00	0.87	0	
9720249	9720225	0.74	2 1-	2 ACSR 6/1	0	0	3476	188	10	1	1	0.00	0.87	0	
9620291	9720136	0.22	2 3-	336 ACSR 18/1	5120	5111	4957	190	42	1	0	0.00	0.19	0	
CKT	2 total losses:	\$11,547													
SUB	45, CKT 3														
	BK4503	SOUTHCORBIN(45)	0.00	240 3-	BK4503	5455	5503	5647	190	1388	58	31	0.00	0.00	0
	9720088	BK4503	0.12	240 3-	336 3PSC	5272	5292	5251	190	1388	58	11	0.08	0.04	46
	9720107	9720088	0.16	228 3-	1/0 ACSR 6/1	5158	5163	5080	190	1324	55	24	0.05	0.07	39
	9720106	9720107	0.20	226 3-	1/0 ACSR 6/1	5024	5012	4885	190	1305	55	24	0.07	0.11	46
	D09-72-P061	9720106	0.20	25 1-	RCC-70-L	0	0	4885	190	194	24	35	0.00	0.20	0
	9720145	D09-72-P061	0.31	25 1-	2 ACSR 6/1	0	0	4425	189	194	24	14	0.07	0.27	11
	9720125	9720145	0.46	24 1-	2 ACSR 6/1	0	0	3832	187	192	24	13	0.10	0.38	15
	9720115	9720125	0.50	22 1-	2 ACSR 6/1	0	0	3708	187	171	21	12	0.02	0.40	3
	9720116	9720115	0.54	2 1-	2 ACSR 6/1	0	0	3582	187	22	2	2	0.00	0.40	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
9720117	9720116	0.59	1 1-	2 ACSR 6/1	0	0	3437	186	12	1	1	0.00	0.40	0	
9720144	9720115	0.53	19 1-	2 ACSR 6/1	0	0	3608	187	140	17	10	0.02	0.41	2	
9720131	9720144	0.57	1 1-	15 KV 2 URD XLP	0	0	3518	478	8	1	1	0.00	0.42	0	
9720118	9720144	0.62	3 1-	2 ACSR 6/1	0	0	3367	186	18	2	1	0.00	0.42	0	
9720119	9720118	0.68	1 1-	2 ACSR 6/1	0	0	3202	186	7	0	0	0.00	0.42	0	
9720078	9720144	0.63	15 1-	2 ACSR 6/1	0	0	3331	186	114	14	8	0.04	0.45	4	
9730043	9720078	0.70	4 1-	2 ACSR 6/1	0	0	3161	186	36	4	3	0.01	0.46	0	
9730044	9730043	0.78	3 1-	2 ACSR 6/1	0	0	2967	185	20	2	1	0.01	0.47	0	
9730057	9730044	0.80	1 1-	2 ACSR 6/1	0	0	2926	185	12	1	1	0.00	0.47	0	
9730056	9730044	0.82	1 1-	2 ACSR 6/1	0	0	2893	185	6	0	0	0.00	0.47	0	
9730023	9720078	0.71	11 1-	2 ACSR 6/1	0	0	3123	185	78	9	6	0.02	0.48	1	
9730046	9730023	0.84	10 1-	2 ACSR 6/1	0	0	2838	184	71	8	5	0.03	0.51	2	
9730050	9730046	0.97	9 1-	2 ACSR 6/1	0	0	2599	183	61	7	4	0.03	0.54	1	
9730051	9730050	1.03	8 1-	2 ACSR 6/1	0	0	2501	183	51	6	4	0.01	0.55	0	
9730053	9730051	1.08	3 1-	2 ACSR 6/1	0	0	2429	183	22	2	2	0.00	0.55	0	
9730052	9730051	1.15	3 1-	2 ACSR 6/1	0	0	2328	182	16	2	1	0.00	0.55	0	
9730045	9730023	0.79	1 1-	2 ACSR 6/1	0	0	2942	185	8	0	1	0.00	0.48	0	
9720120	9720106	0.24	197 3-	1/0 ACSR 6/1	4903	4875	4713	189	1101	46	20	0.04	0.14	27	
9720123	9720120	0.33	188 3-	1/0 ACSR 6/1	4654	4593	4374	189	1038	43	19	0.10	0.20	54	
9720124	9720123	0.52	188 3-	1/0 ACSR 6/1	4181	4065	3773	188	1038	43	19	0.21	0.33	115	
9720129	9720124	0.61	2 1-	15 KV 2 URD XLP	0	0	3540	480	13	1	1	0.00	0.34	0	
9720130	9720129	0.66	1 1-	15 KV 2 URD XLP	0	0	3413	477	6	0	0	0.00	0.34	0	
9720127	9720124	0.54	3 1-	15 KV 2 URD XLP	0	0	3736	486	27	3	2	0.00	0.34	0	
9720128	9720127	0.56	2 1-	15 KV 2 URD XLP	0	0	3679	484	19	2	1	0.00	0.34	0	
9720090	9720124	0.55	183 3-	1/0 ACSR 6/1	4111	3987	3688	188	997	42	18	0.03	0.35	18	
9720221	9720090	0.59	182 3-	1/0 ACSR 6/1	4024	3892	3585	187	988	41	18	0.04	0.38	23	
9720215	9720221	0.62	5 1-	15 KV 2 URD XLP	0	0	3513	482	38	4	3	0.00	0.63	0	
9720218	9720215	0.65	4 1-	15 KV 2 URD XLP	0	0	3433	479	31	3	2	0.00	0.63	0	
9720219	9720218	0.75	2 1-	15 KV 2 URD XLP	0	0	3198	472	17	2	1	0.00	0.63	0	
9720220	9720221	0.63	2 1-	15 KV 2 URD XLP	0	0	3484	481	13	1	1	0.00	0.62	0	
9720222	9720221	0.61	175 3-	1/0 ACSR 6/1	3978	3841	3531	187	937	39	17	0.02	0.39	11	
9720086	9720222	0.69	173 3-	1/0 ACSR 6/1	3827	3678	3358	187	919	38	17	0.07	0.44	35	
9720079	9720086	0.71	2 1-	2 ACSR 6/1	0	0	3301	187	9	1	1	0.00	0.42	0	
D09-72-P288	9720079	0.71	2 1-	FUS-30	0	0	3301	187	9	1	4	0.00	0.42	0	
9720281	D09-72-P288	0.91	2 1-	2 ACSR 6/1	0	0	2856	185	9	1	1	0.00	0.43	0	
9720080	9720086	0.81	4 1-	2 ACSR 6/1	0	0	3059	186	45	5	3	0.02	0.73	0	
9720081	9720080	0.90	2 1-	2 ACSR 6/1	0	0	2866	185	30	3	2	0.01	0.74	0	
9720083	9720081	0.96	1 1-	2 ACSR 6/1	0	0	2758	185	13	1	1	0.00	0.74	0	
9720082	9720081	0.94	1 1-	2 ACSR 6/1	0	0	2788	185	17	2	1	0.00	0.74	0	
9720084	9720086	0.75	167 3-	1/0 ACSR 6/1	3698	3539	3214	187	865	36	16	0.06	0.48	27	
9720091	9720084	0.79	3 1-	2 ACSR 6/1	0	0	3125	186	28	3	2	0.00	0.20	0	
9720092	9720084	0.80	162 3-	1/0 ACSR 6/1	3620	3455	3127	186	824	34	15	0.04	0.50	16	
9720093	9720092	0.83	158 3-	1/0 ACSR 6/1	3559	3391	3062	186	804	34	15	0.03	0.52	12	
9720095	9720093	0.91	156 3-	1/0 ACSR 6/1	3430	3254	2923	186	782	33	14	0.06	0.56	25	
9720101	9720095	1.02	155 3-	1/0 ACSR 6/1	3247	3063	2733	185	769	32	14	0.09	0.62	38	
9820089	9720101	1.05	154 3-	1/0 ACSR 6/1	3206	3020	2691	185	765	32	14	0.02	0.63	9	
9820090	9820089	1.14	52 2-	2 ACSR 6/1	0	0	2855	2541	184	300	19	11	0.03	0.85	11
D09-82-P029	9820090	1.14	52 2-	RRC-50-L	0	0	2855	2541	184	300	19	38	0.00	0.85	0
9820081	D09-82-P029	1.24	52 2-	2 ACSR 6/1	0	0	2705	2386	184	300	19	11	0.03	0.90	12
9820082	9820081	1.31	27 1-	2 ACSR 6/1	0	0	2300	183	168	21	12	0.04	0.78	5	
9820083	9820082	1.47	25 1-	2 ACSR 6/1	0	0	2106	182	158	20	11	0.09	0.87	11	
9820084	9820083	1.67	24 1-	2 ACSR 6/1	0	0	1896	180	157	19	11	0.12	0.99	14	

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9820086	9820084	1.84	21 1-	2 ACSR 6/1	0	0	1751	179	146	18	10	0.09	1.08	10
9820077	9820086	1.88	20 1-	2 ACSR 6/1	0	0	1720	179	141	18	10	0.02	1.10	2
9820078	9820077	2.00	19 1-	2 ACSR 6/1	0	0	1633	178	138	17	10	0.06	1.16	6
9820091	9820078	2.09	18 1-	2 ACSR 6/1	0	0	1574	177	130	16	9	0.04	1.20	4
9820072	9820091	2.19	14 1-	2 ACSR 6/1	0	0	1508	176	108	13	8	0.04	1.24	4
8890083	9820072	2.23	13 1-	2 ACSR 6/1	0	0	1487	176	106	13	8	0.01	1.25	0
8890084	8890083	2.27	2 1-	2 ACSR 6/1	0	0	1464	176	11	1	1	0.00	1.25	0
8890085	8890083	2.25	8 1-	2 ACSR 6/1	0	0	1472	176	71	9	5	0.01	1.26	0
8890086	8890085	2.30	5 1-	2 ACSR 6/1	0	0	1443	176	48	6	3	0.01	1.27	0
8890116	8890086	2.34	2 1-	2 ACSR 6/1	0	0	1421	175	18	2	1	0.00	1.27	0
8890117	8890116	2.44	1 1-	2 ACSR 6/1	0	0	1373	175	10	1	1	0.00	1.27	0
8890115	8890086	2.35	1 1-	2 ACSR 6/1	0	0	1418	175	11	1	1	0.00	1.27	0
8890066	8890086	2.32	2 1-	2 ACSR 6/1	0	0	1432	175	19	2	1	0.00	1.27	0
8890114	8890066	2.41	0 1-	2 ACSR 6/1	0	0	1386	175	0	0	0	0.00	1.27	0
8890087	8890066	2.37	2 1-	2 ACSR 6/1	0	0	1408	175	19	2	1	0.00	1.27	0
8890154	8890087	2.41	1 1-	2 ACSR 6/1	0	0	1386	175	12	1	1	0.00	1.27	0
9820071	9820091	2.14	4 1-	2 ACSR 6/1	0	0	1537	177	22	2	2	0.00	1.20	0
9820076	9820086	1.96	1 1-	2 ACSR 6/1	0	0	1661	178	4	0	0	0.00	1.08	0
9820085	9820084	1.77	3 1-	2 ACSR 6/1	0	0	1809	180	11	1	1	0.00	0.99	0
9820108	9820085	1.80	2 1-	2 ACSR 6/1	0	0	1780	179	11	1	1	0.00	0.99	0
9820109	9820108	2.08	1 1-	2 ACSR 6/1	0	0	1580	177	8	0	1	0.00	0.99	0
9820093	9820081	1.34	24 1-	2 ACSR 6/1	0	0	2263	183	125	15	9	0.04	1.10	4
9820095	9820093	1.36	3 1-	2 ACSR 6/1	0	0	2235	183	15	1	1	0.00	1.11	0
9820110	9820095	1.41	2 1-	2 ACSR 6/1	0	0	2165	182	7	0	0	0.00	1.11	0
9820094	9820093	1.44	20 1-	2 ACSR 6/1	0	0	2136	182	101	12	7	0.04	1.14	3
9820039	9820094	1.75	17 1-	2 ACSR 6/1	0	0	1827	180	92	11	6	0.10	1.25	7
9820041	9820039	1.85	15 1-	2 ACSR 6/1	0	0	1742	179	86	11	6	0.03	1.28	2
9820099	9820041	1.91	14 1-	2 ACSR 6/1	0	0	1695	178	82	10	6	0.02	1.30	0
9820105	9820099	1.95	6 1-	2 ACSR 6/1	0	0	1665	178	28	3	2	0.00	1.30	0
9820106	9820105	2.00	5 1-	2 ACSR 6/1	0	0	1633	178	22	2	2	0.00	1.30	0
9820104	9820106	2.06	4 1-	2 ACSR 6/1	0	0	1591	177	13	1	1	0.00	1.30	0
9820073	9820104	2.10	1 1-	2 ACSR 6/1	0	0	1563	177	6	0	0	0.00	1.31	0
9820074	9820073	2.12	1 1-	2 ACSR 6/1	0	0	1555	177	6	0	0	0.00	1.31	0
9820100	9820099	1.96	5 1-	2 ACSR 6/1	0	0	1661	178	36	4	3	0.01	1.30	0
9820101	9820100	1.97	5 1-	2 ACSR 6/1	0	0	1652	178	36	4	3	0.00	1.30	0
9820103	9820101	2.01	2 1-	2 ACSR 6/1	0	0	1627	178	15	1	1	0.00	1.30	0
9820102	9820101	2.04	2 1-	2 ACSR 6/1	0	0	1605	178	14	1	1	0.00	1.31	0
9820098	9820041	2.16	1 1-	2 ACSR 6/1	0	0	1526	177	5	0	0	0.00	1.28	0
9820040	9820039	2.07	0 1-	2 ACSR 6/1	0	0	1585	177	0	0	0	0.00	1.25	0
9820097	9820039	1.85	2 1-	2 ACSR 6/1	0	0	1744	179	5	0	0	0.00	1.25	0
9820096	9820094	1.60	3 1-	2 ACSR 6/1	0	0	1966	181	9	1	1	0.00	1.15	0
9820087	9820089	1.19	102 3-	1/0 ACSR 6/1	3014	2823	2499	184	464	19	9	0.08	0.67	20
9820079	9820087	1.27	102 3-	1/0 ACSR 6/1	2911	2718	2397	184	464	19	9	0.05	0.70	12
9820080	9820079	1.36	101 3-	1/0 ACSR 6/1	2809	2615	2299	183	461	19	9	0.05	0.73	12
9820075	9820080	1.46	101 3-	1/0 ACSR 6/1	2696	2501	2192	183	461	19	9	0.06	0.76	14
9830098	9820075	1.60	100 3-	1/0 ACSR 6/1	2550	2355	2055	182	452	19	8	0.08	0.80	20
9830099	9830098	1.76	97 3-	1/0 ACSR 6/1	2405	2212	1923	181	441	18	8	0.09	0.85	21
9830107	9830099	1.80	96 3-	1/0 ACSR 6/1	2372	2179	1892	181	435	18	8	0.02	0.86	5
9830108	9830107	1.84	94 3-	1/0 ACSR 6/1	2338	2146	1862	181	430	18	8	0.02	0.87	5
9830110	9830108	1.90	2 1-	2 ACSR 6/1	0	0	1811	180	16	1	1	0.00	1.47	0
9830109	9830108	1.90	91 3-	1/0 ACSR 6/1	2292	2101	1821	181	408	17	8	0.03	0.89	6
09-83-P009-B	9830109	1.90	91 3-	Closed	2292	2101	1821	181	408	17	0	0.00	0.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
09-83-P009-A	09-83-P009-B	1.90	91 3-	Closed	2292	2101	1821	181	408	17	0	0.00	0.89	0
9830053	09-83-P009-A	1.95	91 3-	4/0 ACSR 6/1	2261	2071	1790	180	408	17	5	0.02	0.89	3
9830092	9830053	2.01	88 3-	4/0 ACSR 6/1	2228	2039	1758	180	398	16	5	0.02	0.90	3
9830093	9830092	2.08	86 3-	4/0 ACSR 6/1	2189	2002	1721	180	387	16	5	0.02	0.91	4
9830094	9830093	2.12	3 1-	2 ACSR 6/1	0	0	1693	180	15	1	0.00	0.64	0	
9830054	9830093	2.09	83 3-	4/0 ACSR 6/1	2185	1998	1717	180	372	15	5	0.00	0.91	0
9830096	9830054	2.31	83 3-	4/0 ACSR 6/1	2073	1889	1609	179	372	15	5	0.08	0.94	12
9830115	9830096	2.34	2 1-	2 ACSR 6/1	0	0	1592	179	9	1	1	0.00	0.64	0
9830097	9830096	2.37	1 1-	2 ACSR 6/1	0	0	1572	179	0	0	0.00	0.64	0	
9830095	9830096	2.36	80 3-	4/0 ACSR 6/1	2047	1865	1585	179	362	15	5	0.02	0.95	3
9830067	9830095	2.46	79 3-	4/0 ACSR 6/1	2003	1822	1544	179	359	15	4	0.03	0.96	5
9830068	9830067	2.50	78 3-	4/0 ACSR 6/1	1983	1804	1526	179	357	15	4	0.02	0.97	2
9830069	9830068	2.58	77 3-	4/0 ACSR 6/1	1950	1772	1495	178	354	15	4	0.03	0.98	4
D09-83-P047	9830069	2.58	32 1-	REC-70-L	0	0	1495	178	138	17	25	0.00	1.74	0
9830075	D09-83-P047	2.65	32 1-	2 ACSR 6/1	0	0	1458	178	138	17	10	0.03	1.77	4
9840073	9830075	2.73	31 1-	2 ACSR 6/1	0	0	1412	177	129	16	9	0.04	1.81	4
9840071	9840073	2.79	26 1-	2 ACSR 6/1	0	0	1385	177	112	14	8	0.02	1.83	2
9840079	9840071	2.81	20 1-	2 ACSR 6/1	0	0	1372	177	81	10	6	0.01	1.84	0
9840077	9840079	2.91	16 1-	2 ACSR 6/1	0	0	1328	176	64	8	5	0.02	1.86	0
9840087	9840077	2.95	13 1-	2 ACSR 6/1	0	0	1309	176	42	5	3	0.01	1.87	0
9840078	9840087	2.98	1 1-	2 ACSR 6/1	0	0	1296	175	0	0	0.00	1.87	0	
9840085	9840087	3.04	11 1-	2 ACSR 6/1	0	0	1269	175	36	4	3	0.01	1.88	0
9840070	9840085	3.05	0 1-	2 ACSR 6/1	0	0	1265	175	0	0	0.00	1.88	0	
09-84-P009-B	9840070	3.05	0 1-	Open	0	0	1265	175	0	0	0.00	1.88	0	
9840086	9840085	3.12	10 1-	2 ACSR 6/1	0	0	1238	174	33	4	2	0.01	1.89	0
9840080	9840086	3.18	6 1-	2 ACSR 6/1	0	0	1215	174	22	2	2	0.00	1.89	0
9840081	9840080	3.25	4 1-	2 ACSR 6/1	0	0	1190	174	11	1	1	0.00	1.89	0
9840082	9840081	3.28	3 1-	2 ACSR 6/1	0	0	1177	173	10	1	1	0.00	1.89	0
9840084	9840082	3.40	1 1-	2 ACSR 6/1	0	0	1137	173	2	0	0	0.00	1.89	0
9840106	9840084	3.48	0 1-	2 ACSR 6/1	0	0	1110	172	0	0	0.00	1.89	0	
9840083	9840082	3.34	1 1-	2 ACSR 6/1	0	0	1156	173	4	0	0	0.00	1.89	0
9840076	9840077	2.96	1 1-	2 ACSR 6/1	0	0	1305	176	2	0	0	0.00	1.86	0
9840072	9840071	2.83	6 1-	2 ACSR 6/1	0	0	1365	177	30	3	2	0.00	1.84	0
9840075	9840072	2.94	3 1-	2 ACSR 6/1	0	0	1312	176	13	1	1	0.01	1.84	0
9740029	9840075	2.97	2 1-	2 ACSR 6/1	0	0	1299	176	9	1	1	0.00	1.84	0
9740030	9740029	3.01	1 1-	2 ACSR 6/1	0	0	1284	175	6	0	0	0.00	1.84	0
9740028	9840075	2.98	1 1-	2 ACSR 6/1	0	0	1295	175	4	0	0	0.00	1.84	0
9840074	9840073	2.78	1 1-	2 ACSR 6/1	0	0	1388	177	4	0	0	0.00	1.81	0
9830104	9830069	3.10	43 3-	4/0 ACSR 6/1	1749	1583	1314	177	216	9	3	0.07	1.02	11
9730060	9830104	3.23	0 1-	2 ACSR 6/1	0	0	1260	176	0	0	0.00	1.81	0	
9730059	9830104	3.21	43 3-	4/0 ACSR 6/1	1712	1548	1282	176	216	9	3	0.01	1.03	2
9730027	9730059	3.33	42 3-	4/0 ACSR 6/1	1673	1512	1247	176	208	8	3	0.01	1.04	2
D09-73-P019	9730027	3.33	15 1-	REC-50-H	0	0	1247	176	100	12	25	0.00	0.71	0
9730028	D09-73-P019	3.41	15 1-	2 ACSR 6/1	0	0	1217	175	100	12	7	0.03	0.73	2
9730039	9730028	3.46	1 1-	2 ACSR 6/1	0	0	1200	175	4	0	0	0.00	0.73	0
9730038	9730028	3.45	13 1-	2 ACSR 6/1	0	0	1203	175	91	11	6	0.01	0.75	0
9730025	9730038	3.64	13 1-	2 ACSR 6/1	0	0	1136	174	91	11	6	0.06	0.81	5
9730049	9730025	3.70	3 1-	2 ACSR 6/1	0	0	1115	173	16	1	1	0.00	0.81	0
9730040	9730025	3.73	1 1-	2 ACSR 6/1	0	0	1108	173	9	1	1	0.00	0.81	0
9730026	9730025	3.68	9 1-	2 ACSR 6/1	0	0	1123	173	67	8	5	0.01	0.82	0
9730047	9730026	3.73	7 1-	2 ACSR 6/1	0	0	1108	173	52	6	4	0.01	0.83	0
9730048	9730047	3.76	4 1-	2 ACSR 6/1	0	0	1099	173	33	4	2	0.00	0.83	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9730037	9730048	3.84	3 1-	2 ACSR 6/1	0	0	1074	172	21	2	2	0.01	0.84	0
9730034	9730037	4.11	2 1-	2 ACSR 6/1	0	0	998	170	12	1	1	0.01	0.84	0
9730035	9730026	3.77	2 1-	2 ACSR 6/1	0	0	1095	173	15	1	1	0.00	0.82	0
9730036	9730035	3.81	1 1-	2 ACSR 6/1	0	0	1081	173	6	0	0	0.00	0.82	0
9730041	9730036	3.89	1 1-	2 ACSR 6/1	0	0	1059	172	6	0	0	0.00	0.83	0
9730024	9730038	3.49	0 1-	2 ACSR 6/1	0	0	1189	175	0	0	0	0.00	0.75	0
9730031	9730027	3.36	24 3-	4/0 ACSR 6/1	1663	1503	1239	176	93	3	1	0.00	1.04	0
9730032	9730031	3.39	24 3-	4/0 ACSR 6/1	1655	1495	1232	176	93	3	1	0.00	1.04	0
9730030	9730032	3.51	20 3-	4/0 ACSR 6/1	1618	1460	1200	175	75	3	1	0.01	1.04	0
9740033	9730030	3.54	4 1-	2 ACSR 6/1	0	0	1190	175	9	1	1	0.00	0.70	0
9740023	9730030	3.59	16 3-	4/0 ACSR 6/1	1596	1440	1181	175	67	2	1	0.00	1.05	0
9740034	9740023	3.63	4 1-	2 ACSR 6/1	0	0	1165	175	9	1	1	0.00	0.59	0
9740035	9740034	3.66	3 1-	2 ACSR 6/1	0	0	1157	175	8	1	1	0.00	0.59	0
9740036	9740035	3.78	2 1-	2 ACSR 6/1	0	0	1116	174	6	0	0	0.00	0.59	0
9730042	9740036	3.82	1 1-	2 ACSR 6/1	0	0	1104	173	2	0	0	0.00	0.59	0
9740031	9740023	3.71	2 1-	2 ACSR 6/1	0	0	1138	174	19	2	1	0.01	1.86	0
9740032	9740031	3.77	1 1-	2 ACSR 6/1	0	0	1120	174	8	1	1	0.00	1.86	0
9740020	9740023	3.77	10 3-	4/0 ACSR 6/1	1546	1394	1139	175	39	1	0	0.01	1.05	0
9740037	9740020	3.83	1 1-	2 ACSR 6/1	0	0	1117	174	6	0	0	0.00	0.59	0
9740021	9740020	3.81	9 3-	4/0 ACSR 6/1	1534	1382	1128	174	33	1	0	0.00	1.05	0
9740038	9740021	3.87	1 1-	2 ACSR 6/1	0	0	1111	174	2	0	0	0.00	1.86	0
9740022	9740021	3.86	8 3-	4/0 ACSR 6/1	1522	1371	1118	174	31	1	0	0.00	1.05	0
9740026	9740022	3.89	2 1-	2 ACSR 6/1	0	0	1108	174	4	0	0	0.00	0.59	0
9740027	9740026	3.96	1 1-	2 ACSR 6/1	0	0	1087	174	2	0	0	0.00	0.60	0
9740025	9740022	3.92	2 1-	2 ACSR 6/1	0	0	1098	174	16	2	1	0.00	1.86	0
9740024	9740022	3.96	4 3-	4/0 ACSR 6/1	1495	1346	1095	174	11	0	0	0.00	1.05	0
9640066	9740024	3.99	3 1-	2 ACSR 6/1	0	0	1086	174	9	1	1	0.00	1.86	0
9640068	9640066	4.05	2 1-	2 ACSR 6/1	0	0	1069	173	6	0	0	0.00	1.86	0
9640130	9740024	4.05	0 3-	4/0 ACSR 6/1	1473	1326	1077	174	0	0	0	0.00	1.05	0
09-64-P027-A	9640130	4.05	0 3-	Open	1473	1326	1077	174	0	0	0	0.00	1.05	0
9730029	9730032	3.44	1 1-	2 ACSR 6/1	0	0	1214	175	5	0	0	0.00	0.58	0
9730033	9730031	3.39	0 1-	2 ACSR 6/1	0	0	1227	176	0	0	0	0.00	0.58	0
9830070	9830069	2.63	1 1-	2 ACSR 6/1	0	0	1465	178	0	0	0	0.00	1.74	0
9830089	9830053	2.00	3 1-	2 ACSR 6/1	0	0	1754	180	10	1	1	0.00	0.53	0
9830090	9830089	2.06	1 1-	2 ACSR 6/1	0	0	1705	180	6	0	0	0.00	0.53	0
9830091	9830090	2.11	1 1-	2 ACSR 6/1	0	0	1672	179	6	0	0	0.00	0.53	0
9830055	9830053	1.96	0 3-	4/0 ACSR 6/1	2255	2065	1784	180	0	0	0	0.00	0.89	0
09-83-P010-A	9830055	1.96	0 3-	Open	2255	2065	1784	180	0	0	0	0.00	0.89	0
9830105	9830099	1.81	1 1-	2 ACSR 6/1	0	0	1880	181	5	0	0	0.00	1.42	0
9830106	9830105	1.85	1 1-	2 ACSR 6/1	0	0	1846	181	5	0	0	0.00	1.42	0
9830100	9830098	1.65	1 1-	2 ACSR 6/1	0	0	2006	182	6	0	0	0.00	0.45	0
9820088	9820087	1.25	0 1-	2 ACSR 6/1	0	0	2414	184	0	0	0	0.00	0.61	0
9820092	9720101	1.19	1 1-	2 ACSR 6/1	0	0	2453	184	4	0	0	0.00	0.59	0
9720094	9720093	0.88	2 1-	2 ACSR 6/1	0	0	2952	186	21	2	1	0.00	0.84	0
9720085	9720090	0.63	1 1-	2 ACSR 6/1	0	0	3476	187	9	1	1	0.00	0.35	0
9720121	9720120	0.28	8 1-	2 ACSR 6/1	0	0	4547	189	56	7	4	0.01	0.16	0
9720122	9720121	0.35	5 1-	2 ACSR 6/1	0	0	4285	188	41	5	3	0.01	0.17	0
9720133	9720122	0.41	4 1-	2 ACSR 6/1	0	0	4049	188	34	4	2	0.01	0.17	0
9720134	9720133	0.43	2 1-	2 ACSR 6/1	0	0	3981	188	14	1	1	0.00	0.17	0
9720126	9720106	0.25	3 1-	2 ACSR 6/1	0	0	4673	189	7	0	0	0.00	0.12	0
9720105	9720107	0.18	1 1-	2 ACSR 6/1	0	0	4975	190	13	1	1	0.00	0.08	0
9720104	9720088	0.14	9 1-	2 ACSR 6/1	0	0	5161	190	55	7	4	0.00	-0.01	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D09-72-P051	9720104	0.14	7 1-	FUS-40	0	0	5161	190	50	6 18	0.00	-0.01	0	0
9720214	D09-72-P051	0.24	7 1-	2 ACSR 6/1	0	0	4658	189	50	6 3	0.01	0.01	0	0
9720135	9720214	0.27	3 1-	2 ACSR 6/1	0	0	4521	189	24	3 2	0.00	0.01	0	0
9720102	9720088	0.15	3 1-	2 ACSR 6/1	0	0	5124	190	8	0 1	0.00	-0.01	0	0
9720103	9720102	0.19	2 1-	2 ACSR 6/1	0	0	4923	189	7	0 0	0.00	-0.01	0	0
CKT 3 total losses:		\$858												
SUB 45, CKT 4														
BK4504	SOUTHCORBIN(45)	0.00	639 3-	BK4504	5455	5503	5647	190	4281	179 48	0.00	0.00	0	0
9720087	BK4504	0.03	639 3-	336 3PSC	5406	5447	5537	190	4281	179 34	0.03	0.03	95	
9720099	9720087	0.06	3 3-	2 ACSR 6/1	5316	5350	5392	190	27	1 1	0.00	0.03	0	0
9720100	9720099	0.10	1 3-	2 ACSR 6/1	5161	5175	5147	190	4	0 0	0.00	0.03	0	0
9720279	9720100	0.15	0 1-	2 ACSR 6/1	0	0	4924	189	0	0 0	0.00	0.04	0	0
9720096	9720087	0.08	636 3-	336 3PSC	5341	5372	5396	190	4254	178 34	0.04	0.07	127	
9720112	9720096	0.16	635 3-	336 3PSC	5216	5225	5134	190	4250	178 34	0.09	0.15	250	
9720113	9720112	0.20	635 3-	336 3PSC	5164	5162	5028	190	4248	178 34	0.04	0.18	108	
9720280	9720113	0.26	635 3-	336 3PSC	5074	5055	4852	190	4247	178 34	0.07	0.24	188	
9620320	9720280	0.32	635 3-	336 ACSR 18/1	4957	4918	4680	189	4245	178 34	0.06	0.30	163	
9620295	9620320	0.37	635 3-	336 ACSR 18/1	4851	4796	4527	189	4243	178 34	0.06	0.35	154	
9620216	9620295	0.43	635 3-	336 ACSR 18/1	4739	4667	4370	189	4242	178 34	0.06	0.41	169	
9620217	9620216	0.65	635 3-	336 ACSR 18/1	4356	4237	3859	189	4240	178 34	0.24	0.63	643	
9620201	9620217	0.70	635 3-	336 ACSR 18/1	4241	4111	3723	188	4234	178 34	0.05	0.68	147	
9620215	9620201	0.74	632 3-	336 ACSR 18/1	4150	4011	3617	188	4227	178 34	0.05	0.72	121	
9620272	9620215	0.80	629 3-	336 ACSR 18/1	4027	3878	3477	188	4213	177 34	0.06	0.78	168	
9620273	9620272	0.85	628 3-	336 ACSR 18/1	3935	3780	3376	188	4210	177 34	0.05	0.82	129	
20850266	9620273	0.89	627 3-	336 ACSR 18/1	3848	3686	3280	187	4202	177 33	0.05	0.86	128	
20850082	20850266	0.96	1 1-	2 ACSR 6/1	0	0	3130	187	4	0 0	0.00	0.95	0	0
9620227	20850266	0.94	626 3-	336 ACSR 18/1	3760	3592	3185	187	4197	177 33	0.05	0.91	132	
9620228	9620227	1.03	626 3-	336 ACSR 18/1	3595	3417	3010	187	4196	177 33	0.10	1.00	264	
9620229	9620228	1.09	2 1-	2 ACSR 6/1	0	0	2890	186	11	1 1	0.00	1.10	0	0
9620034	9620228	1.11	624 3-	336 ACSR 18/1	3454	3269	2866	186	4182	176 33	0.09	1.08	238	
9620230	9620034	1.18	0 1-	2 ACSR 6/1	0	0	2754	186	0	0 0	0.00	1.18	0	0
9620231	9620034	1.20	624 3-	336 ACSR 18/1	3325	3135	2736	186	4180	176 33	0.08	1.16	235	
9620232	9620231	1.25	622 3-	336 ACSR 18/1	3242	3049	2655	186	4169	176 33	0.06	1.22	157	
20850081	9620232	1.27	1 1-	2 ACSR 6/1	0	0	2628	185	7	0 1	0.00	1.33	0	0
9620309	20850081	1.47	1 1-	2 ACSR 6/1	0	0	2335	184	7	0 1	0.00	1.33	0	0
9620233	9620232	1.30	621 3-	336 ACSR 18/1	3179	2984	2593	185	4161	176 33	0.04	1.26	125	
9620311	9620233	1.31	1 1-	2 ACSR 6/1	0	0	2566	185	1	0 0	0.00	1.37	0	0
9620312	9620311	1.46	0 1-	15 KV 2 URD XLP	0	0	2367	457	0	0 0	0.00	1.37	0	0
9620317	9620312	1.55	0 1-	15 KV 2 URD XLP	0	0	2257	451	0	0 0	0.00	1.37	0	0
9620316	9620317	1.64	0 1-	15 KV 2 URD XLP	0	0	2147	445	0	0 0	0.00	1.37	0	0
9620315	9620316	1.72	0 1-	15 KV 2 URD XLP	0	0	2056	440	0	0 0	0.00	1.37	0	0
9620314	9620316	1.67	0 1-	15 KV 2 URD XLP	0	0	2113	443	0	0 0	0.00	1.37	0	0
20850079	9620233	1.38	620 3-	336 ACSR 18/1	3066	2869	2485	185	4159	176 33	0.08	1.34	233	
D09-62-P032	20850079	1.38	20 1-	FUS-60	0	0	2485	185	168	21 36	0.00	1.66	0	0
9620033	D09-62-P032	1.44	20 1-	2 ACSR 6/1	0	0	2396	184	168	21 12	0.04	1.70	5	
20850080	9620033	1.47	1 1-	2 ACSR 6/1	0	0	2355	184	12	1 1	0.00	1.70	0	0
9620294	9620033	1.60	19 1-	2 ACSR 6/1	0	0	2198	183	156	19 11	0.09	1.79	11	
9630191	9620294	1.70	15 1-	2 ACSR 6/1	0	0	2075	182	113	14 8	0.04	1.83	4	
9630184	9630191	1.74	13 1-	2 ACSR 6/1	0	0	2039	182	94	11 7	0.01	1.84	0	0
9630197	9630184	1.78	12 1-	15 KV 2 URD XLP	0	0	1995	444	84	10 6	0.02	1.86	1	
9630199	9630197	1.81	1 1-	15 KV 2 URD XLP	0	0	1974	442	19	2 1	0.00	1.86	0	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9630198	9630197	1.84	11 1-	15 KV 2 URD XLP	0	0	1940	440	65	8	5	0.02	1.88	0
9630196	9630198	1.91	8 1-	15 KV 2 URD XLP	0	0	1880	436	53	6	4	0.02	1.89	0
9630195	9630196	1.97	2 1-	15 KV 2 URD XLP	0	0	1830	433	16	2	1	0.00	1.90	0
9630193	9630195	2.00	0 1-	15 KV 2 URD XLP	0	0	1801	430	0	0	0	0.00	1.90	0
9630192	9630195	2.01	1 1-	15 KV 2 URD XLP	0	0	1796	430	6	0	0	0.00	1.90	0
9630194	9630196	1.98	4 1-	15 KV 2 URD XLP	0	0	1817	432	27	3	2	0.01	1.90	0
9530244	9630194	2.03	2 1-	15 KV 2 URD XLP	0	0	1774	429	10	1	1	0.00	1.90	0
9530243	9530244	2.09	1 1-	15 KV 2 URD XLP	0	0	1733	426	5	0	0	0.00	1.90	0
9630183	9630191	1.80	1 1-	2 ACSR 6/1	0	0	1978	182	10	1	1	0.00	1.83	0
9630190	9620294	1.69	4 1-	2 ACSR 6/1	0	0	2089	182	43	5	3	0.01	1.80	0
9630186	9630190	1.74	1 1-	2 ACSR 6/1	0	0	2034	182	10	1	1	0.00	1.80	0
9630185	9630190	1.81	1 1-	2 ACSR 6/1	0	0	1970	182	22	2	2	0.00	1.81	0
9620308	20850079	1.42	2 1-	2 ACSR 6/1	0	0	2422	185	12	1	1	0.00	1.45	0
9620307	20850079	1.59	597 3-	336 ACSR 18/1	2809	2608	2243	184	3450	145	27	0.20	1.50	410
9520140	9620307	1.65	1 1-	2 ACSR 6/1	0	0	2178	183	5	0	0	0.00	1.84	0
9530196	9520140	1.67	1 1-	2 ACSR 6/1	0	0	2154	183	5	0	0	0.00	1.84	0
9530223	9530196	1.73	1 1-	15 KV 2 URD XLP	0	0	2091	450	5	0	0	0.00	1.84	0
9520159	9620307	1.65	596 3-	336 ACSR 18/1	2748	2548	2188	183	3440	145	27	0.05	1.54	106
9520132	9520159	1.69	595 3-	336 ACSR 18/1	2696	2496	2140	183	3438	145	27	0.05	1.57	94
D09-53-P281	9520132	1.69	5 1-	FUS-60	0	0	2140	183	37	4	8	0.00	1.92	0
9530155	D09-53-P281	1.72	5 1-	2 ACSR 6/1	0	0	2111	183	37	4	3	0.00	1.93	0
9530224	9530155	1.77	2 1-	15 KV 2 URD XLP	0	0	2065	449	16	2	1	0.00	1.93	0
9530156	9530155	1.77	2 1-	2 ACSR 6/1	0	0	2060	183	15	1	1	0.00	1.93	0
9530195	9530156	1.84	1 1-	2 ACSR 6/1	0	0	1987	182	4	0	0	0.00	1.93	0
9530202	9520132	1.73	587 3-	336 ACSR 18/1	2662	2462	2110	183	3392	143	27	0.03	1.60	61
D09-53-P280A	9530202	1.73	15 1-	REC-50-L	0	0	2110	183	83	10	21	0.00	1.79	0
9530218	D09-53-P280A	1.86	15 1-	2 ACSR 6/1	0	0	1974	182	83	10	6	0.04	1.83	3
9520147	9530218	1.94	10 1-	2 ACSR 6/1	0	0	1902	181	53	6	4	0.01	1.84	0
9520154	9520147	1.97	3 1-	2 ACSR 6/1	0	0	1870	181	14	1	1	0.00	1.85	0
9520155	9520154	2.03	1 1-	2 ACSR 6/1	0	0	1822	181	7	0	0	0.00	1.85	0
9520013	9520147	2.00	7 1-	2 ACSR 6/1	0	0	1846	181	39	4	3	0.01	1.85	0
9520161	9520013	2.05	1 1-	2 ACSR 6/1	0	0	1805	181	6	0	0	0.00	1.85	0
9520014	9520013	2.09	6 1-	2 ACSR 6/1	0	0	1770	180	33	4	2	0.01	1.86	0
9520156	9520014	2.13	2 1-	2 ACSR 6/1	0	0	1743	180	13	1	1	0.00	1.87	0
9520162	9520014	2.16	1 1-	2 ACSR 6/1	0	0	1714	180	0	0	0	0.00	1.86	0
9520015	9520014	2.15	3 1-	2 ACSR 6/1	0	0	1722	180	20	2	1	0.00	1.87	0
9520157	9520015	2.18	2 1-	2 ACSR 6/1	0	0	1700	180	12	1	1	0.00	1.87	0
9520163	9520157	2.24	1 1-	2 ACSR 6/1	0	0	1659	179	10	1	1	0.00	1.87	0
9520152	9520015	2.26	1 1-	2 ACSR 6/1	0	0	1643	179	7	0	1	0.00	1.87	0
9520165	9530218	1.91	4 1-	2 ACSR 6/1	0	0	1923	182	28	3	2	0.00	1.83	0
9520153	9520165	1.98	1 1-	2 ACSR 6/1	0	0	1865	181	0	0	0	0.00	1.83	0
9520160	9520165	1.94	1 1-	2 ACSR 6/1	0	0	1896	181	10	1	1	0.00	1.83	0
D09-53-P280	9530202	1.73	92 3-	REC-35-L	2662	2462	2110	183	454	19	55	0.00	1.60	0
9530219	D09-53-P280	1.78	92 3-	2 ACSR 6/1	2603	2402	2057	183	454	19	11	0.00	1.62	11
9530245	9530219	1.85	90 3-	2 ACSR 6/1	2518	2316	1983	182	443	18	10	0.01	1.65	16
9530205	9530245	1.87	2 1-	2 ACSR 6/1	0	0	1959	182	10	1	1	0.00	1.80	0
9530021	9530245	1.90	88 3-	2 ACSR 6/1	2464	2261	1936	182	432	18	10	0.00	1.67	11
9530207	9530021	1.95	17 1-	2 ACSR 6/1	0	0	1891	181	79	10	6	0.01	2.11	0
9530208	9530207	2.00	1 1-	2 ACSR 6/1	0	0	1849	181	2	0	0	0.00	2.11	0
9530209	9530207	2.00	12 1-	2 ACSR 6/1	0	0	1849	181	55	7	4	0.01	2.12	0
9530210	9530209	2.05	9 1-	2 ACSR 6/1	0	0	1803	181	47	5	3	0.01	2.13	0
9530211	9530210	2.07	8 1-	2 ACSR 6/1	0	0	1787	180	40	5	3	0.00	2.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9530213	9530211	2.11	6 1-	2 ACSR 6/1	0	0	1752	180	36	4	3	0.01	2.14	0
9530214	9530213	2.15	5 1-	2 ACSR 6/1	0	0	1728	180	29	3	2	0.00	2.14	0
9530241	9530214	2.19	4 1- 15 KV	2 URD XLP	0	0	1696	430	27	3	2	0.01	2.15	0
9530242	9530241	2.26	3 1- 15 KV	2 URD XLP	0	0	1646	425	23	2	2	0.01	2.16	0
9530226	9530242	2.30	2 1- 15 KV	2 URD XLP	0	0	1623	423	17	2	1	0.00	2.16	0
9530247	9530226	2.33	1 1- 15 KV	2 URD XLP	0	0	1600	421	5	0	0	0.00	2.16	0
9630129	9530247	2.35	1 1- 15 KV	2 URD XLP	0	0	1585	420	5	0	0	0.00	2.16	0
9530215	9530214	2.29	1 1-	2 ACSR 6/1	0	0	1624	179	2	0	0	0.00	2.14	0
9530212	9530211	2.12	2 1-	2 ACSR 6/1	0	0	1748	180	5	0	0	0.00	2.13	0
9530206	9530021	1.94	1 1-	2 ACSR 6/1	0	0	1899	181	4	0	0	0.00	1.80	0
9530232	9530021	2.11	70 3-	2 ACSR 6/1	2248	2046	1752	180	348	14	8	0.02	1.75	26
9530186	9530232	2.14	1 1- 15 KV	2 URD XLP	0	0	1736	432	6	0	0	0.00	1.20	0
9530183	9530232	2.24	1 1- 15 KV	2 URD XLP	0	0	1658	426	9	1	1	0.00	2.23	0
9530184	9530232	2.24	0 1-	2 ACSR 6/1	0	0	1658	179	0	0	0	0.00	2.23	0
9530181	9530232	2.16	4 1-	2 ACSR 6/1	0	0	1719	180	39	4	3	0.00	2.23	0
9530197	9530181	2.27	2 1-	2 ACSR 6/1	0	0	1635	179	25	3	2	0.01	2.24	0
9530198	9530197	2.31	1 1-	2 ACSR 6/1	0	0	1611	179	15	1	1	0.00	2.24	0
9530225	9530198	2.36	1 1- 15 KV	2 URD XLP	0	0	1578	422	15	1	1	0.00	2.24	0
9530216	9530232	2.17	3 1-	2 ACSR 6/1	0	0	1712	180	11	1	1	0.00	2.23	0
9530201	9530216	2.21	3 1-	2 ACSR 6/1	0	0	1681	179	11	1	1	0.00	2.23	0
9530233	9530232	2.20	60 3-	2 ACSR 6/1	0	0	1688	179	283	12	7	0.02	1.77	6
9530227	9530233	2.24	58 3-	2 ACSR 6/1	0	0	1659	179	275	11	7	0.01	1.79	3
9530228	9530227	2.30	57 3-	2 ACSR 6/1	0	0	1618	179	273	11	6	0.01	1.80	4
9530234	9530228	2.35	56 3-	2 ACSR 6/1	0	0	1584	178	263	11	6	0.01	1.82	3
9530235	9530234	2.42	54 3-	2 ACSR 6/1	0	0	1540	178	243	10	6	0.02	1.83	3
9530190	9530235	2.46	1 1- 15 KV	2 URD XLP	0	0	1515	417	15	1	1	0.00	1.30	0
9530020	9530235	2.52	53 3-	2 ACSR 6/1	0	0	1481	177	229	9	5	0.02	1.86	4
D09-53-P032	9530020	2.52	6 1-	FUS	0	0	1481	177	20	2	58	0.00	1.91	0
9530152	D09-53-P032	2.57	6 1-	2 ACSR 6/1	0	0	1453	177	20	2	1	0.00	1.91	0
9530153	9530152	2.63	3 1-	2 ACSR 6/1	0	0	1423	176	15	1	1	0.00	1.91	0
9530246	9530153	2.69	1 1-	2 ACSR 6/1	0	0	1391	176	2	0	0	0.00	1.91	0
9530154	9530153	2.67	1 1-	2 ACSR 6/1	0	0	1398	176	11	1	1	0.00	1.91	0
9530236	9530153	2.68	1 1-	2 ACSR 6/1	0	0	1396	176	3	0	0	0.00	1.91	0
9530151	9530152	2.62	2 1-	2 ACSR 6/1	0	0	1424	176	3	0	0	0.00	1.91	0
9530162	9530020	2.61	31 3-	2 ACSR 6/1	0	0	1433	176	130	5	3	0.02	1.87	2
9530169	9530162	2.69	22 1-	2 ACSR 6/1	0	0	1388	176	78	10	6	0.02	1.37	1
9530220	9530169	2.73	1 1-	2 ACSR 6/1	0	0	1371	176	14	1	1	0.00	1.37	0
9530171	9530169	2.72	16 1-	2 ACSR 6/1	0	0	1374	176	51	6	4	0.00	1.37	0
9530172	9530171	2.75	14 1-	2 ACSR 6/1	0	0	1360	175	34	4	2	0.00	1.37	0
9530174	9530172	2.81	13 1-	2 ACSR 6/1	0	0	1332	175	29	3	2	0.01	1.38	0
9530176	9530174	2.87	3 1-	2 ACSR 6/1	0	0	1304	175	10	1	1	0.00	1.38	0
9530175	9530174	2.86	8 1-	2 ACSR 6/1	0	0	1312	175	16	2	1	0.00	1.38	0
9530178	9530175	2.93	1 1-	2 ACSR 6/1	0	0	1279	174	2	0	0	0.00	1.38	0
9530177	9530175	2.92	1 1-	2 ACSR 6/1	0	0	1281	174	2	0	0	0.00	1.38	0
9530027	9530175	2.93	6 1-	2 ACSR 6/1	0	0	1279	174	12	1	1	0.00	1.39	0
9530180	9530027	3.00	5 1-	2 ACSR 6/1	0	0	1251	174	10	1	1	0.00	1.39	0
9530149	9530180	3.16	3 1-	2 ACSR 6/1	0	0	1186	172	2	0	0	0.00	1.39	0
9430243	9530149	3.20	2 1-	2 ACSR 6/1	0	0	1170	172	2	0	0	0.00	1.39	0
9430244	9430243	3.23	1 1-	2 ACSR 6/1	0	0	1161	172	1	0	0	0.00	1.39	0
9430251	9430243	3.28	1 1-	2 ACSR 6/1	0	0	1145	172	0	0	0	0.00	1.39	0
9530179	9530027	2.96	1 1-	2 ACSR 6/1	0	0	1265	174	2	0	0	0.00	1.39	0
9530173	9530172	2.82	1 1-	2 ACSR 6/1	0	0	1330	175	6	0	0	0.00	1.37	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9530170	9530169	2.73	4 1-	2 ACSR 6/1	0	0	1370	176	10	1	1	0.00	1.37	0
9530163	9530162	2.64	8 1-	2 ACSR 6/1	0	0	1417	176	51	6	4	0.01	1.93	0
9530164	9530163	2.68	7 1-	2 ACSR 6/1	0	0	1394	176	41	5	3	0.01	1.94	0
9530165	9530164	2.72	6 1-	2 ACSR 6/1	0	0	1377	176	31	3	2	0.00	1.94	0
9530166	9530165	2.80	4 1-	2 ACSR 6/1	0	0	1339	175	13	1	1	0.00	1.94	0
9530150	9530166	2.84	3 1-	2 ACSR 6/1	0	0	1318	175	10	1	1	0.00	1.94	0
9530249	9530166	2.80	0 1-	2 ACSR 6/1	0	0	1336	175	0	0	0	0.00	1.94	0
09-53-P272-A	9530249	2.80	0 1-	Open	0	0	1336	175	0	0	0	0.00	1.94	0
9530160	9530020	2.58	5 1-	2 ACSR 6/1	0	0	1450	177	26	3	2	0.00	2.35	0
9530161	9530160	2.64	2 1-	2 ACSR 6/1	0	0	1417	176	8	1	1	0.00	2.35	0
9530026	9530020	2.55	11 1-	2 ACSR 6/1	0	0	1466	177	53	6	4	0.01	2.35	0
9530239	9530026	2.61	7 1-	2 ACSR 6/1	0	0	1431	176	41	5	3	0.01	2.36	0
9530240	9530239	2.67	6 1-	2 ACSR 6/1	0	0	1400	176	30	3	2	0.00	2.36	0
9530221	9530240	2.73	4 1-	2 ACSR 6/1	0	0	1372	176	14	1	1	0.00	2.36	0
9530139	9530221	3.13	3 1-	2 ACSR 6/1	0	0	1197	173	9	1	1	0.01	2.37	0
9530237	9530026	2.57	4 1-	2 ACSR 6/1	0	0	1455	177	12	1	1	0.00	2.35	0
9530238	9530237	2.59	3 1-	2 ACSR 6/1	0	0	1443	177	6	0	0	0.00	2.35	0
9530203	9530202	1.78	479 3-	336 ACSR 18/1	2607	2407	2060	183	2852	120	23	0.05	1.63	75
9530204	9530203	1.89	476 3-	336 ACSR 18/1	2500	2301	1965	182	2842	120	23	0.11	1.70	152
D09-53-P141	9530204	1.89	475 3-	REC-100-L	2500	2301	1965	182	2840	120	20	0.00	1.70	0
9530019	D09-53-P141	2.00	475 3-	336 ACSR 18/1	2406	2209	1883	182	2840	120	23	0.10	1.76	144
9530138	9530019	2.55	456 3-	336 ACSR 18/1	2011	1826	1546	179	2684	113	21	0.44	2.06	647
9430232	9530138	2.60	455 3-	336 ACSR 18/1	1982	1799	1522	179	2676	113	21	0.04	2.09	56
9430233	9430232	2.63	454 3-	336 ACSR 18/1	1962	1779	1505	178	2661	112	21	0.03	2.11	40
9430268	9430233	2.75	1 1-	2 ACSR 6/1	0	0	1441	178	8	0	1	0.00	2.56	0
9430245	9430233	2.69	438 3-	336 ACSR 18/1	1932	1751	1480	178	2545	107	20	0.04	2.13	55
9430246	9430245	2.79	434 3-	336 ACSR 18/1	1877	1698	1435	178	2529	107	20	0.07	2.18	106
9430248	9430246	2.84	4 1-	2 ACSR 6/1	0	0	1410	177	28	3	2	0.00	2.67	0
9430235	9430248	2.89	2 1-	2 ACSR 6/1	0	0	1384	177	18	2	1	0.00	2.68	0
9430247	9430246	2.83	381 3-	336 ACSR 18/1	1853	1675	1415	177	2263	95	18	0.02	2.20	38
9430177	9430247	2.86	380 3-	336 ACSR 18/1	1838	1661	1403	177	2254	95	18	0.01	2.22	24
9430178	9430177	2.88	378 3-	1/0 ACSR 1/1	1829	1653	1396	177	2248	95	41	0.02	2.24	46
D09-43-P317	9430178	2.88	11 1-	REC-50-L	0	0	1396	177	59	7	15	0.00	2.72	0
9430179	D09-43-P317	2.98	11 1-	2 ACSR 6/1	0	0	1346	176	59	7	4	0.02	2.74	0
9430180	9430179	3.04	8 1-	2 ACSR 6/1	0	0	1319	176	48	6	3	0.01	2.75	0
9430181	9430180	3.08	6 1-	2 ACSR 6/1	0	0	1305	176	36	4	3	0.00	2.76	0
9430189	9430181	3.13	4 1-	2 ACSR 6/1	0	0	1279	175	33	4	2	0.01	2.76	0
9430220	9430189	3.18	3 1-	2 ACSR 6/1	0	0	1258	175	24	3	2	0.00	2.76	0
9430176	9430178	2.93	0 1-	2 ACSR 6/1	0	0	1372	177	0	0	0	0.00	2.46	0
9430182	9430178	2.96	4 1-	2 ACSR 6/1	0	0	1356	177	20	2	1	0.00	2.73	0
9430188	9430182	3.00	2 1-	2 ACSR 6/1	0	0	1338	176	4	0	0	0.00	2.73	0
9430019	9430178	2.92	363 3-	336 ACSR 18/1	1808	1632	1378	177	2168	91	17	0.01	2.26	34
C09-43-P196	9430019	2.92	0 3-	Capacitor	1808	1632	1378	177	0	-13	0	0.00	2.26	0
9430207	9430019	2.96	363 3-	336 ACSR 18/1	1790	1615	1363	177	2168	93	18	0.02	2.28	29
D09-43-P012	9430207	2.96	15 1-	REC-50-L	0	0	1363	177	62	7	16	0.00	2.49	0
9430206	D09-43-P012	3.02	15 1-	2 ACSR 6/1	0	0	1336	176	62	7	4	0.01	2.50	0
9430195	9430206	3.05	14 1-	2 ACSR 6/1	0	0	1321	176	54	6	4	0.01	2.51	0
9430196	9430195	3.16	3 1-	2 ACSR 6/1	0	0	1276	175	12	1	1	0.00	2.51	0
9430234	9430195	3.11	10 1-	2 ACSR 6/1	0	0	1296	176	32	4	2	0.01	2.52	0
9430265	9430234	3.14	7 1-	2 ACSR 6/1	0	0	1281	175	24	3	2	0.00	2.52	0
9430264	9430265	3.40	5 1-	2 ACSR 6/1	0	0	1180	174	19	2	1	0.02	2.54	0
9420073	9430264	3.52	2 1-	2 ACSR 6/1	0	0	1137	173	10	1	1	0.00	2.54	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9420074	9420073	3.59	1 1-	2 ACSR 6/1	0	0	1116	172	3	0	0	0.00	2.54	0
9420039	9430264	3.45	3 1-	2 ACSR 6/1	0	0	1161	173	9	1	1	0.00	2.54	0
9420040	9420039	3.51	1 1-	2 ACSR 6/1	0	0	1143	173	4	0	0	0.00	2.54	0
9430209	9430207	3.00	1 1-	2 ACSR 6/1	0	0	1344	176	8	1	1	0.00	2.49	0
9430208	9430207	3.03	345 3-	336 ACSR 18/1	1755	1583	1335	176	2089	89	17	0.04	2.32	54
D09-43-P011	9430208	3.03	345 3-	RRC-70-L	1755	1583	1335	176	2088	89	128	0.00	2.32	0
9430211	D09-43-P011	3.10	345 3-	336 ACSR 18/1	1724	1553	1310	176	2088	89	17	0.03	2.35	50
9430212	9430211	3.16	71 3-	1/0 ACSR 6/1	1699	1530	1290	176	497	21	9	0.01	2.37	10
9430213	9430212	3.18	68 3-	1/0 ACSR 6/1	1688	1520	1281	176	494	21	9	0.01	2.38	5
D09-43-P204	9430213	3.18	67 3-	RRC-50-H	1688	1520	1281	176	493	21	42	0.00	2.38	0
9430230	D09-43-P204	3.22	67 3-	1/0 ACSR 6/1	1672	1504	1268	175	493	21	9	0.01	2.39	7
9430215	9430230	3.30	64 3-	1/0 ACSR 6/1	1640	1475	1242	175	473	20	9	0.01	2.42	13
9430217	9430215	3.36	2 1-	2 ACSR 6/1	0	0	1219	175	10	1	1	0.00	2.86	0
9430216	9430215	3.33	1 1-	2 ACSR 6/1	0	0	1230	175	3	0	0	0.00	2.69	0
9430218	9430215	3.36	60 3-	1/0 ACSR 6/1	1612	1449	1220	175	458	19	9	0.01	2.44	11
9430219	9430218	3.43	57 3-	1/0 ACSR 6/1	1585	1423	1198	174	450	19	8	0.01	2.46	12
9430161	9430219	3.47	1 1-	2 ACSR 6/1	0	0	1184	174	13	1	1	0.00	2.79	0
9430017	9430219	3.49	56 3-	1/0 ACSR 6/1	1566	1405	1183	174	436	18	8	0.01	2.48	8
9430162	9430017	3.53	14 1-	2 ACSR 6/1	0	0	1166	174	116	14	8	0.02	2.91	2
9430163	9430162	3.57	14 1-	2 ACSR 6/1	0	0	1154	174	116	14	8	0.01	2.92	1
9430164	9430163	3.61	1 1-	2 ACSR 6/1	0	0	1139	173	11	1	1	0.00	2.92	0
9430165	9430164	3.64	0 1-	2 ACSR 6/1	0	0	1130	173	0	0	0	0.00	2.92	0
9430022	9430163	3.61	13 1-	2 ACSR 6/1	0	0	1141	173	105	13	8	0.02	2.94	1
9320025	9430022	3.66	13 1-	2 ACSR 6/1	0	0	1124	173	105	13	8	0.02	2.95	2
9320019	9320025	3.72	10 1-	2 ACSR 6/1	0	0	1104	172	95	12	7	0.02	2.97	1
9320029	9320019	3.86	1 1-	2 ACSR 6/1	0	0	1060	171	12	1	1	0.00	2.98	0
9330111	9320029	3.92	0 1-	2 ACSR 6/1	0	0	1045	171	0	0	0	0.00	2.98	0
9320020	9320019	3.80	8 1-	2 ACSR 6/1	0	0	1078	172	73	9	5	0.02	3.00	1
9320016	9320020	3.83	1 1-	2 ACSR 6/1	0	0	1071	172	12	1	1	0.00	3.00	0
9320014	9320020	3.95	7 1-	2 ACSR 6/1	0	0	1035	171	61	7	4	0.03	3.03	2
9320018	9320014	4.07	1 1-	15 KV 2 URD XLP	0	0	1003	372	20	2	2	0.01	3.04	0
9320017	9320014	4.01	6 1-	2 ACSR 6/1	0	0	1019	170	41	5	3	0.01	3.04	0
9320026	9320017	4.12	5 1-	2 ACSR 6/1	0	0	990	170	40	5	3	0.01	3.06	0
9320021	9320026	4.21	2 1-	2 ACSR 6/1	0	0	967	169	11	1	1	0.00	3.06	0
9320022	9320021	4.25	1 1-	2 ACSR 6/1	0	0	958	169	1	0	0	0.00	3.06	0
9320023	9320022	4.27	1 1-	2 ACSR 6/1	0	0	953	169	1	0	0	0.00	3.06	0
9320027	9320026	4.17	2 1-	2 ACSR 6/1	0	0	978	169	20	2	1	0.00	3.06	0
9320015	9320027	4.24	1 1-	2 ACSR 6/1	0	0	959	169	10	1	1	0.00	3.06	0
9320024	9320027	4.23	1 1-	2 ACSR 6/1	0	0	962	169	9	1	1	0.00	3.06	0
9430016	9430017	3.57	42 3-	1/0 ACSR 6/1	1535	1376	1158	174	320	13	6	-0.01	2.50	10
9420043	9430016	3.61	41 3-	1/0 ACSR 6/1	1521	1363	1147	174	306	13	6	-0.01	2.50	4
9420045	9420043	3.68	2 1-	2 ACSR 6/1	0	0	1122	173	16	2	1	0.00	2.90	0
9420046	9420045	3.73	1 1-	2 ACSR 6/1	0	0	1107	173	10	1	1	0.00	2.90	0
9420042	9420043	3.64	37 3-	1/0 ACSR 6/1	1509	1352	1138	173	274	11	5	0.00	2.51	3
D09-42-P025	9420042	3.64	4 1-	FUS	0	0	1138	173	28	3	84	0.00	2.86	0
9420072	D09-42-P025	3.73	4 1-	2 ACSR 6/1	0	0	1108	173	28	3	2	0.01	2.87	0
9420054	9420072	3.81	2 1-	2 ACSR 6/1	0	0	1085	172	14	1	1	0.00	2.87	0
9420075	9420054	3.83	1 1-	2 ACSR 6/1	0	0	1078	172	7	0	1	0.00	2.87	0
9420076	9420075	3.88	0 1-	2 ACSR 6/1	0	0	1063	172	0	0	0	0.00	2.87	0
9420053	9420042	3.73	30 3-	1/0 ACSR 6/1	1480	1325	1115	173	230	9	4	-0.02	2.52	8
9420055	9420053	3.81	2 1-	2 ACSR 6/1	0	0	1089	172	11	1	1	0.00	2.97	0
9420065	9420055	3.92	1 1-	2 ACSR 6/1	0	0	1055	172	7	0	0	0.00	2.97	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9420030	9420053	3.90	28 3-	1/0 ACSR 6/1	1425	1274	1071	172	218	9	4	-0.03	2.55	15
9420063	9420030	3.96	2 3-	1/0 ACSR 6/1	1407	1258	1057	172	11	0	0	0.00	2.55	0
9420064	9420063	4.24	1 1-	2 ACSR 6/1	0	0	981	170	7	0	1	0.00	2.82	0
9420061	9420030	3.99	25 1-	2 ACSR 6/1	0	0	1043	171	197	25	14	0.07	3.13	11
9420062	9420061	4.02	24 1-	2 ACSR 6/1	0	0	1037	171	188	24	14	0.02	3.15	2
9420028	9420062	4.06	23 1-	2 ACSR 6/1	0	0	1026	171	183	23	13	0.02	3.17	3
9420029	9420028	4.10	21 1-	2 ACSR 6/1	0	0	1014	171	166	21	12	0.03	3.20	3
9420031	9420029	4.15	19 1-	2 ACSR 6/1	0	0	1002	170	151	19	11	0.03	3.22	3
9420049	9420031	4.18	13 1-	2 ACSR 6/1	0	0	994	170	103	13	7	0.01	3.24	0
9420056	9420049	4.26	7 1-	2 ACSR 6/1	0	0	974	170	50	6	4	0.01	3.25	0
9420057	9420056	4.29	4 1-	2 ACSR 6/1	0	0	965	169	35	4	3	0.00	3.25	0
9420058	9420057	4.33	3 1-	2 ACSR 6/1	0	0	957	169	28	3	2	0.00	3.25	0
9420059	9420058	4.37	1 1-	2 ACSR 6/1	0	0	947	169	11	1	1	0.00	3.26	0
9420051	9420049	4.24	2 1-	2 ACSR 6/1	0	0	979	170	14	1	1	0.00	3.24	0
9420052	9420051	4.29	1 1-	2 ACSR 6/1	0	0	966	169	10	1	1	0.00	3.24	0
9420050	9420049	4.25	2 1-	2 ACSR 6/1	0	0	976	170	20	2	1	0.00	3.24	0
9420048	9420050	4.29	1 1-	2 ACSR 6/1	0	0	965	169	8	1	1	0.00	3.24	0
9420034	9420031	4.18	6 1-	2 ACSR 6/1	0	0	993	170	48	6	3	0.01	3.23	0
9420035	9420034	4.24	5 1-	2 ACSR 6/1	0	0	977	170	34	4	2	0.01	3.24	0
9420033	9420035	4.33	4 1-	2 ACSR 6/1	0	0	956	169	31	4	2	0.01	3.24	0
9420044	9420033	4.35	3 1-	2 ACSR 6/1	0	0	950	169	14	1	1	0.00	3.24	0
9420032	9420044	4.46	2 1-	2 ACSR 6/1	0	0	925	168	8	1	1	0.00	3.25	0
9420060	9420030	3.97	1 1-	2 ACSR 6/1	0	0	1049	172	10	1	1	0.00	3.06	0
9420041	9430016	3.60	1 1-	2 ACSR 6/1	0	0	1149	174	14	1	1	0.00	2.88	0
9430214	9430230	3.27	1 1-	2 ACSR 6/1	0	0	1248	175	13	1	1	0.00	2.85	0
9430210	9430211	3.15	272 3-	1/0 ACSR 6/1	1700	1531	1291	176	1580	67	30	0.06	2.41	79
9430166	9430210	3.21	270 3-	1/0 ACSR 6/1	1676	1508	1271	175	1566	67	29	0.06	2.47	81
9430187	9430166	3.28	1 1-	2 ACSR 6/1	0	0	1244	175	8	1	1	0.00	2.60	0
9430167	9430166	3.25	263 3-	1/0 ACSR 6/1	1659	1492	1257	175	1542	66	29	0.04	2.52	57
9430169	9430167	3.31	259 3-	1/0 ACSR 6/1	1633	1468	1237	175	1530	65	29	0.07	2.58	87
9430147	9430169	3.36	231 3-	1/0 ACSR 6/1	1615	1451	1222	175	1392	60	26	0.04	2.63	48
9430183	9430147	3.52	227 3-	1/0 ACSR 6/1	1553	1393	1173	174	1372	59	26	0.16	2.78	168
9430184	9430183	3.56	226 3-	1/0 ACSR 6/1	1537	1378	1160	174	1367	59	26	0.04	2.82	45
9430194	9430184	3.64	1 1- 15	KV 2 URD XLP	0	0	1134	390	10	1	1	0.00	3.29	0
9430262	9430184	3.69	166 3-	1/0 ACSR 6/1	1495	1339	1126	173	919	39	17	0.04	2.90	71
9330212	9430262	3.70	4 1-	2 ACSR 6/1	0	0	1122	173	23	2	2	0.00	3.33	0
9330213	9330212	3.74	1 1-	2 ACSR 6/1	0	0	1110	173	9	1	1	0.00	3.33	0
9330209	9330213	3.81	1 1-	2 ACSR 6/1	0	0	1087	172	9	1	1	0.00	3.34	0
9330208	9330209	3.91	1 1-	2 ACSR 6/1	0	0	1056	172	9	1	1	0.00	3.34	0
9330179	9430262	3.79	161 3-	1/0 ACSR 6/1	1460	1306	1098	173	893	38	17	0.03	2.96	60
9330210	9330179	3.82	160 3-	1/0 ACSR 6/1	1450	1297	1091	172	886	38	17	0.01	2.98	17
9330211	9330210	3.87	156 3-	1/0 ACSR 6/1	1433	1281	1077	172	856	36	16	0.01	3.01	27
9330167	9330211	3.91	155 3-	1/0 ACSR 6/1	1422	1271	1068	172	854	36	16	0.01	3.03	17
9330182	9330167	3.96	151 3-	1/0 ACSR 6/1	1407	1257	1057	172	831	35	16	0.01	3.06	22
9330183	9330182	4.01	149 3-	1/0 ACSR 6/1	1392	1244	1045	172	809	34	15	0.01	3.08	21
9330189	9330183	4.18	125 3-	1/0 ACSR 6/1	1344	1198	1007	171	640	27	12	0.07	3.16	59
9330190	9330189	4.25	124 3-	1/0 ACSR 6/1	1323	1179	991	170	634	27	12	0.03	3.19	26
9330180	9330190	4.34	1 1-	2 ACSR 6/1	0	0	968	170	4	0	0	0.00	3.52	0
9330191	9330190	4.30	2 1-	2 ACSR 6/1	0	0	980	170	17	2	1	0.00	2.91	0
9330128	9330190	4.31	119 3-	1/0 ACSR 6/1	1308	1166	979	170	599	25	11	0.02	3.21	17
9330194	9330128	4.35	22 1-	2 ACSR 6/1	0	0	968	170	111	14	8	0.02	3.56	2
9330195	9330194	4.37	21 1-	2 ACSR 6/1	0	0	963	170	101	13	7	0.01	3.56	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9330196	9330195	4.40	20 1-	2 ACSR 6/1	0	0	957 169	93	12	7	0.01	3.57	0	
9330197	9330196	4.47	14 1-	2 ACSR 6/1	0	0	940 169	65	8	5	0.02	3.59	0	
9330199	9330197	4.49	12 1-	2 ACSR 6/1	0	0	935 169	45	5	3	0.00	3.59	0	
9330200	9330199	4.55	7 1-	2 ACSR 6/1	0	0	923 168	27	3	2	0.00	3.60	0	
9330201	9330200	4.61	5 1-	2 ACSR 6/1	0	0	909 168	12	1	1	0.00	3.60	0	
9330202	9330201	4.65	3 1-	2 ACSR 6/1	0	0	901 168	8	1	1	0.00	3.60	0	
9330198	9330197	4.55	1 1-	2 ACSR 6/1	0	0	923 168	11	1	1	0.00	3.59	0	
9330207	9330196	4.43	4 1-	2 ACSR 6/1	0	0	950 169	16	2	1	0.00	3.57	0	
9330215	9330207	4.49	2 1-	2 ACSR 6/1	0	0	935 169	7	0	1	0.00	3.57	0	
9330131	9330128	4.37	94 3-	1/0 ACSR 6/1	1291	1150	966 170	476	20	9	0.01	3.23	18	
D09-33-P020	9330131	4.37	25 1-	RBC-35-H	0	0	966 170	136	17	50	0.00	3.26	0	
9330132	D09-33-P020	4.42	25 1-	2 ACSR 6/1	0	0	955 169	136	17	10	0.02	3.28	2	
9330129	9330132	4.46	22 1-	2 ACSR 6/1	0	0	944 169	125	16	9	0.02	3.30	2	
9330162	9330129	4.49	21 1-	2 ACSR 6/1	0	0	940 169	122	15	9	0.01	3.31	0	
9330163	9330162	4.52	16 1-	2 ACSR 6/1	0	0	932 169	98	12	7	0.01	3.33	0	
9330164	9330163	4.55	14 1-	2 ACSR 6/1	0	0	924 169	88	11	6	0.01	3.34	0	
9330155	9330164	4.60	4 1-	2 ACSR 6/1	0	0	914 168	16	2	1	0.00	3.34	0	
9330156	9330155	4.64	2 1-	2 ACSR 6/1	0	0	906 168	8	1	1	0.00	3.34	0	
9330152	9330164	4.59	6 1-	2 ACSR 6/1	0	0	915 168	53	6	4	0.01	3.34	0	
9330153	9330152	4.63	3 1-	2 ACSR 6/1	0	0	907 168	29	3	2	0.00	3.35	0	
9330154	9330153	4.67	1 1-	2 ACSR 6/1	0	0	898 168	24	3	2	0.00	3.35	0	
9330150	9330164	4.59	3 1-	2 ACSR 6/1	0	0	917 168	17	2	1	0.00	3.34	0	
9330151	9330150	4.63	1 1-	2 ACSR 6/1	0	0	907 168	6	0	0	0.00	3.34	0	
9330181	9330162	4.52	3 1-	2 ACSR 6/1	0	0	932 169	7	0	1	0.00	3.31	0	
9330133	9330131	4.43	67 3-	1/0 ACSR 6/1	1278	1138	955 170	329	14	6	0.00	3.24	6	
9330127	9330133	4.46	54 3-	1/0 ACSR 6/1	1268	1129	948 169	266	11	5	0.00	3.25	4	
9330140	9330127	4.52	53 3-	1/0 ACSR 6/1	1254	1116	937 169	265	11	5	0.01	3.26	6	
D09-33-P028	9330140	4.52	45 1-	RBC-35-H	0	0	937 169	232	30	86	0.00	3.35	0	
9330139	D09-33-P028	4.57	45 1-	2 ACSR 6/1	0	0	926 169	232	30	17	0.04	3.40	8	
9330169	9330139	4.61	42 1-	2 ACSR 6/1	0	0	917 168	217	28	16	0.03	3.43	6	
9330114	9330169	4.67	41 1-	2 ACSR 6/1	0	0	904 168	213	27	15	0.04	3.47	7	
9330115	9330114	4.73	7 1-	2 ACSR 6/1	0	0	891 168	49	6	4	0.01	3.48	0	
9330117	9330115	4.78	2 1-	2 ACSR 6/1	0	0	881 167	7	0	1	0.00	3.48	0	
9330130	9330115	4.77	3 1-	2 ACSR 6/1	0	0	884 167	21	2	2	0.00	3.48	0	
9330146	9330114	4.71	13 1-	2 ACSR 6/1	0	0	896 168	57	7	4	0.01	3.48	0	
9330147	9330146	4.76	11 1-	2 ACSR 6/1	0	0	885 167	49	6	4	0.01	3.49	0	
9330148	9330147	4.82	9 1-	2 ACSR 6/1	0	0	874 167	34	4	2	0.01	3.50	0	
9330149	9330148	4.90	1 1-	2 ACSR 6/1	0	0	857 166	4	0	0	0.00	3.50	0	
9330192	9330148	4.85	5 1-	2 ACSR 6/1	0	0	867 167	18	2	1	0.00	3.50	0	
9330193	9330192	4.97	3 1-	2 ACSR 6/1	0	0	845 166	8	1	1	0.00	3.50	0	
9230007	9330193	5.00	2 1-	2 ACSR 6/1	0	0	839 166	8	1	1	0.00	3.50	0	
9230006	9230007	5.07	1 1-	2 ACSR 6/1	0	0	825 165	2	0	0	0.00	3.50	0	
9230008	9230006	5.15	1 1-	2 ACSR 6/1	0	0	812 165	2	0	0	0.00	3.50	0	
9330116	9330114	4.75	18 1-	2 ACSR 6/1	0	0	887 168	100	12	7	0.03	3.50	2	
9330118	9330116	4.79	2 1-	2 ACSR 6/1	0	0	880 167	13	1	1	0.00	3.50	0	
9330120	9330116	4.82	13 1-	2 ACSR 6/1	0	0	873 167	78	10	6	0.02	3.52	1	
9330121	9330120	4.84	12 1-	2 ACSR 6/1	0	0	869 167	72	9	5	0.00	3.53	0	
9330122	9330121	4.89	10 1-	2 ACSR 6/1	0	0	860 167	56	7	4	0.01	3.54	0	
9330145	9330122	4.94	4 1-	2 ACSR 6/1	0	0	851 166	15	2	1	0.00	3.54	0	
9330123	9330122	4.91	6 1-	2 ACSR 6/1	0	0	855 166	41	5	3	0.00	3.54	0	
9330124	9330123	4.96	6 1-	2 ACSR 6/1	0	0	846 166	41	5	3	0.01	3.55	0	
9330144	9330124	5.00	1 1-	2 ACSR 6/1	0	0	839 166	9	1	1	0.00	3.55	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9330143	9330124	4.98	2 1-	2 ACSR 6/1	0	0	842	166	24	3	2	0.00	3.55	0
9330142	9330124	4.98	2 1-	2 ACSR 6/1	0	0	842	166	7	0	1	0.00	3.55	0
9330119	9330116	4.79	1 1-	2 ACSR 6/1	0	0	879	167	2	0	0	0.00	3.50	0
9330141	9330140	4.56	4 1-	2 ACSR 6/1	0	0	929	169	15	1	1	0.00	2.88	0
9330138	9330141	4.59	3 1-	2 ACSR 6/1	0	0	922	169	11	1	1	0.00	2.88	0
9330136	9330133	4.49	10 1-	2 ACSR 6/1	0	0	942	169	54	6	4	0.01	2.90	0
9330137	9330136	4.50	9 1-	2 ACSR 6/1	0	0	939	169	48	6	3	0.00	2.90	0
9330125	9330137	4.52	5 1-	2 ACSR 6/1	0	0	933	169	24	3	2	0.00	2.91	0
9330126	9330125	4.56	2 1-	2 ACSR 6/1	0	0	925	169	9	1	1	0.00	2.91	0
9330134	9330133	4.47	2 1-	2 ACSR 6/1	0	0	946	169	7	0	1	0.00	3.55	0
9330135	9330134	4.48	1 1-	2 ACSR 6/1	0	0	942	169	2	0	0	0.00	3.55	0
9330188	9330183	4.05	1 1-	2 ACSR 6/1	0	0	1033	171	11	1	1	0.00	2.93	0
9330184	9330183	4.04	23 1-	2 ACSR 6/1	0	0	1035	171	157	20	11	0.02	2.95	3
9330185	9330184	4.08	23 1-	2 ACSR 6/1	0	0	1026	171	157	20	11	0.02	2.97	2
9330186	9330185	4.14	22 1-	2 ACSR 6/1	0	0	1009	171	148	19	11	0.03	3.00	4
9330158	9330186	4.17	3 1-	2 ACSR 6/1	0	0	1000	170	40	5	3	0.01	3.01	0
9330187	9330158	4.24	0 1-	2 ACSR 6/1	0	0	983	170	0	0	0	0.00	3.01	0
9330003	9330158	4.23	3 1-	2 ACSR 6/1	0	0	986	170	40	5	3	0.01	3.02	0
9330204	9330003	4.24	1 1-	15 KV 2 URD XLP	0	0	982	372	8	1	1	0.00	3.02	0
9330203	9330003	4.26	1 1-	15 KV 2 URD XLP	0	0	977	371	20	2	2	0.00	3.02	0
9330170	9330003	4.26	1 1-	15 KV 2 URD XLP	0	0	979	371	12	1	1	0.00	3.02	0
9330157	9330186	4.20	18 1-	2 ACSR 6/1	0	0	994	170	96	12	7	0.02	3.02	1
9330112	9330157	4.29	17 1-	2 ACSR 6/1	0	0	970	170	89	11	6	0.03	3.05	2
9330205	9330112	4.31	15 1-	2 ACSR 6/1	0	0	966	169	72	9	5	0.00	3.06	0
9330159	9330205	4.33	11 1-	2 ACSR 6/1	0	0	960	169	58	7	4	0.01	3.06	0
9330160	9330159	4.36	8 1-	2 ACSR 6/1	0	0	955	169	43	5	3	0.00	3.06	0
9330206	9330160	4.37	5 1-	2 ACSR 6/1	0	0	950	169	26	3	2	0.00	3.06	0
9430020	9430184	3.67	59 3-	1/0 ACSR 6/1	1501	1344	1131	173	438	19	8	0.06	2.85	15
9430261	9430020	3.72	9 1-	2 ACSR 6/1	0	0	1113	173	51	6	4	0.01	3.36	0
9330161	9430261	3.78	4 1-	2 ACSR 6/1	0	0	1094	172	23	2	2	0.00	3.37	0
9330113	9330161	3.81	3 1-	2 ACSR 6/1	0	0	1087	172	11	1	1	0.00	3.37	0
9430021	9430020	3.73	50 3-	1/0 ACSR 6/1	1479	1324	1114	173	387	16	7	0.03	2.87	7
9430157	9430021	3.80	2 1-	15 KV 2 URD XLP	0	0	1092	385	25	3	2	0.00	2.87	0
9430263	9430021	3.89	40 3-	1/0 ACSR 6/1	1427	1276	1073	172	318	13	6	0.06	2.91	10
9330172	9430263	3.95	40 3-	1/0 ACSR 6/1	1409	1259	1058	172	317	13	6	0.02	2.92	4
9330173	9330172	4.05	40 3-	1/0 ACSR 6/1	1381	1233	1036	171	317	13	6	0.04	2.94	6
D09-33-P089	9330173	4.05	2 1-	FUS-30	0	0	1036	171	15	1	7	0.00	2.94	0
9330216	D09-33-P089	4.14	2 1-	2 ACSR 6/1	0	0	1010	171	15	1	1	0.00	2.94	0
9430158	9330216	4.25	1 1-	2 ACSR 6/1	0	0	982	170	8	1	1	0.00	2.95	0
9330175	9330173	4.14	37 3-	1/0 ACSR 6/1	1354	1208	1015	171	180	7	3	0.00	2.95	2
9330176	9330175	4.19	33 3-	1/0 ACSR 6/1	1340	1195	1004	171	166	7	3	0.00	2.96	0
9330177	9330176	4.22	30 3-	1/0 ACSR 6/1	1331	1186	997	171	152	6	3	0.00	2.96	0
9340024	9330177	4.25	24 3-	1/0 ACSR 6/1	1323	1180	991	170	130	5	2	0.00	2.96	0
9340025	9340024	4.29	21 3-	1/0 ACSR 6/1	1312	1169	982	170	117	5	2	0.00	2.97	0
9340023	9340025	4.36	18 3-	1/0 ACSR 6/1	1294	1153	969	170	108	4	2	0.00	2.97	0
9340033	9340023	4.41	6 1-	2 ACSR 6/1	0	0	958	170	46	5	3	0.01	3.01	0
9340034	9340033	4.43	5 1-	2 ACSR 6/1	0	0	952	169	37	4	3	0.00	3.01	0
9340026	9340034	4.51	4 1-	2 ACSR 6/1	0	0	934	169	33	4	2	0.01	3.02	0
9340036	9340026	4.61	3 1-	2 ACSR 6/1	0	0	910	168	24	3	2	0.01	3.03	0
9340037	9340036	4.66	2 1-	2 ACSR 6/1	0	0	902	168	17	2	1	0.00	3.03	0
9340038	9340037	4.76	1 1-	2 ACSR 6/1	0	0	880	167	15	1	1	0.00	3.03	0
9340028	9340023	4.40	2 1-	2 ACSR 6/1	0	0	959	170	11	1	1	0.00	3.51	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9340035	9340028	4.48	1 1-	2 ACSR 6/1	0	0	940	169	3	0	0	0.00	3.51	0
9340027	9340023	4.45	9 3-	1/0 ACSR 6/1	1273	1133	952	169	43	1	1	0.00	2.97	0
9340032	9340027	4.50	1 1-	2 ACSR 6/1	0	0	940	169	8	1	1	0.00	3.51	0
9340029	9340027	4.47	6 1-	2 ACSR 6/1	0	0	947	169	25	3	2	0.00	3.01	0
9340030	9340029	4.53	5 1-	2 ACSR 6/1	0	0	933	169	23	2	2	0.00	3.01	0
9340031	9340030	4.59	2 1-	2 ACSR 6/1	0	0	919	168	17	2	1	0.00	3.01	0
9340040	9330177	4.30	4 3-	1/0 ACSR 6/1	1311	1168	982	170	16	0	0	0.00	2.96	0
9330178	9340040	4.31	2 1-	2 ACSR 6/1	0	0	978	170	6	0	0	0.00	2.98	0
9330165	9340040	4.39	1 3-	1/0 ACSR 6/1	1288	1147	963	170	7	0	0	0.00	2.96	0
9330214	9330165	4.40	1 3- 25	KV 1/0 URD X	1286	1146	962	371	7	0	0	0.00	2.96	0
9330166	9330165	4.43	0 1-	2 ACSR 6/1	0	0	952	169	0	0	0	0.00	3.51	0
9330174	9330173	4.14	1 3-	1/0 ACSR 6/1	1355	1209	1016	171	123	5	2	0.03	2.95	3
9330110	9330174	4.20	1 3- 15	KV 2 URD XLP	1339	1194	1005	375	123	5	3	0.02	2.95	1
9430170	9430021	3.76	8 1-	2 ACSR 6/1	0	0	1105	173	45	5	3	0.00	3.39	0
9330171	9430170	3.78	6 1-	2 ACSR 6/1	0	0	1099	173	31	4	2	0.00	3.39	0
9330168	9330171	3.82	3 1-	2 ACSR 6/1	0	0	1085	172	9	1	1	0.00	3.39	0
9430185	9430169	3.38	27 1-	2 ACSR 6/1	0	0	1211	174	133	17	9	0.03	2.08	3
D09-43-P105	9430185	3.38	26 1-	RBC-35-H	0	0	1211	174	129	16	47	0.00	2.08	0
9430186	D09-43-P105	3.42	26 1-	2 ACSR 6/1	0	0	1197	174	129	16	9	0.02	2.10	2
9430197	9430186	3.45	25 1-	2 ACSR 6/1	0	0	1185	174	121	15	9	0.02	2.12	1
9430148	9430197	3.50	25 1-	2 ACSR 6/1	0	0	1168	174	121	15	9	0.02	2.14	2
9430149	9430148	3.55	24 1-	2 ACSR 6/1	0	0	1151	173	115	14	8	0.02	2.16	2
9430150	9430149	3.60	1 1-	2 ACSR 6/1	0	0	1132	173	1	0	0	0.00	2.16	0
9430015	9430149	3.69	23 1-	2 ACSR 6/1	0	0	1104	172	114	14	8	0.06	2.22	5
9430155	9430015	3.87	21 1-	2 ACSR 6/1	0	0	1049	171	106	13	8	0.07	2.29	6
9430154	9430155	3.88	1 1-	2 ACSR 6/1	0	0	1045	171	13	1	1	0.00	2.29	0
9430153	9430155	3.95	8 1-	2 ACSR 6/1	0	0	1025	170	37	4	3	0.01	2.30	0
9440009	9430153	3.99	7 1-	2 ACSR 6/1	0	0	1016	170	27	3	2	0.00	2.30	0
9440010	9440009	4.04	6 1-	2 ACSR 6/1	0	0	1002	170	15	1	1	0.00	2.30	0
9440006	9440010	4.17	2 1-	2 ACSR 6/1	0	0	969	169	6	0	0	0.00	2.31	0
9440008	9440006	4.24	1 1-	2 ACSR 6/1	0	0	951	168	6	0	0	0.00	2.31	0
9440007	9440006	4.24	1 1-	2 ACSR 6/1	0	0	951	168	0	0	0	0.00	2.31	0
9430156	9430155	3.99	12 1-	2 ACSR 6/1	0	0	1017	170	57	7	4	0.02	2.31	1
9430270	9430156	4.04	1 1-	2 ACSR 6/1	0	0	1002	170	0	0	0	0.00	2.31	0
9430253	9430156	4.02	10 1-	2 ACSR 6/1	0	0	1009	170	46	5	3	0.00	2.32	0
9430254	9430253	4.08	9 1-	2 ACSR 6/1	0	0	991	170	35	4	3	0.01	2.33	0
9430256	9430254	4.17	1 1- 15	KV 2 URD XLP	0	0	969	367	6	0	0	0.00	2.33	0
9430255	9430254	4.16	6 1-	2 ACSR 6/1	0	0	972	169	27	3	2	0.01	2.33	0
9430258	9430255	4.24	5 1-	2 ACSR 6/1	0	0	952	168	19	2	1	0.01	2.34	0
9430259	9430258	4.31	4 1-	2 ACSR 6/1	0	0	936	168	14	1	1	0.00	2.34	0
9430260	9430259	4.41	3 1-	2 ACSR 6/1	0	0	913	167	13	1	1	0.00	2.35	0
9430257	9430255	4.23	1 1-	2 ACSR 6/1	0	0	956	169	8	1	1	0.00	2.34	0
9430252	9430156	4.04	1 1-	2 ACSR 6/1	0	0	1003	170	10	1	1	0.00	2.31	0
9430151	9430015	3.75	2 1-	2 ACSR 6/1	0	0	1085	172	7	0	0	0.00	2.22	0
9430152	9430151	3.81	1 1-	2 ACSR 6/1	0	0	1066	171	7	0	0	0.00	2.22	0
9430168	9430167	3.30	3 1-	2 ACSR 6/1	0	0	1237	175	4	0	0	0.00	2.62	0
9430145	9430166	3.30	5 1-	2 ACSR 6/1	0	0	1235	175	9	1	1	0.00	2.94	0
9430146	9430145	3.36	3 1-	2 ACSR 6/1	0	0	1213	174	6	0	0	0.00	2.94	0
9430205	9430207	3.03	1 1-	2 ACSR 6/1	0	0	1332	176	4	0	0	0.00	1.60	0
9430267	9430246	2.81	48 1-	2 ACSR 6/1	0	0	1425	177	233	30	17	0.02	2.68	3
9430269	9430267	2.84	47 1-	2 ACSR 6/1	0	0	1410	177	215	27	15	0.02	2.71	4
D09-43-P032	9430269	2.84	45 1-	REC-50-L	0	0	1410	177	203	26	52	0.00	2.71	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9430266	D09-43-P032	2.90	45 1-	2 ACSR 6/1	0	0	1378	177	203	26	15	0.05	2.75	7
9430201	9430266	2.92	38 1-	2 ACSR 6/1	0	0	1367	177	180	23	13	0.02	2.77	2
9430198	9430201	2.99	33 1-	2 ACSR 6/1	0	0	1334	176	152	19	11	0.04	2.81	5
9430204	9430198	3.04	27 1-	2 ACSR 6/1	0	0	1313	176	133	17	10	0.02	2.83	2
9430159	9430204	3.09	27 1-	2 ACSR 6/1	0	0	1291	175	133	17	10	0.03	2.86	3
9430160	9430159	3.14	1 1-	2 ACSR 6/1	0	0	1269	175	4	0	0	0.00	2.86	0
9430173	9430159	3.15	7 1-	2 ACSR 6/1	0	0	1267	175	42	5	3	0.01	2.87	0
9430174	9430173	3.19	6 1-	2 ACSR 6/1	0	0	1249	175	32	4	2	0.01	2.87	0
9430175	9430174	3.24	4 1-	2 ACSR 6/1	0	0	1228	174	29	3	2	0.00	2.87	0
9430171	9430159	3.18	19 1-	2 ACSR 6/1	0	0	1255	175	88	11	6	0.03	2.89	2
9430172	9430171	3.29	19 1-	2 ACSR 6/1	0	0	1211	174	88	11	6	0.04	2.92	3
9430238	9430172	3.34	18 1-	2 ACSR 6/1	0	0	1190	174	85	10	6	0.02	2.94	1
9430239	9430238	3.36	15 1-	2 ACSR 6/1	0	0	1183	173	76	9	5	0.01	2.94	0
9430242	9430239	3.38	13 1-	2 ACSR 6/1	0	0	1177	173	70	9	5	0.00	2.95	0
9430250	9430242	3.47	8 1-	2 ACSR 6/1	0	0	1144	173	46	5	3	0.01	2.96	0
9530187	9430250	3.50	7 1-	2 ACSR 6/1	0	0	1137	172	39	5	3	0.00	2.97	0
9530188	9530187	3.54	3 1-	2 ACSR 6/1	0	0	1122	172	21	2	1	0.00	2.97	0
9530185	9530188	3.64	2 1-	2 ACSR 6/1	0	0	1089	171	18	2	1	0.00	2.97	0
9530229	9530188	3.58	1 1-	2 ACSR 6/1	0	0	1108	172	3	0	0	0.00	2.97	0
9530189	9530187	3.53	2 1-	2 ACSR 6/1	0	0	1126	172	11	1	1	0.00	2.97	0
9430241	9430242	3.44	3 1-	2 ACSR 6/1	0	0	1155	173	15	1	1	0.00	2.95	0
9430240	9430239	3.40	2 1-	2 ACSR 6/1	0	0	1170	173	6	0	0	0.00	2.94	0
9430249	9430240	3.42	1 1-	2 ACSR 6/1	0	0	1163	173	1	0	0	0.00	2.94	0
9530167	9430249	3.49	1 1-	2 ACSR 6/1	0	0	1138	173	1	0	0	0.00	2.95	0
9530250	9430249	3.43	0 1-	2 ACSR 6/1	0	0	1160	173	0	0	0	0.00	2.94	0
09-53-P272-B	9530250	3.43	0 1-	Open	0	0	1160	173	0	0	0	0.00	2.94	0
9430236	9430172	3.35	1 1-	2 ACSR 6/1	0	0	1187	174	3	0	0	0.00	2.92	0
9430237	9430236	3.42	0 1-	2 ACSR 6/1	0	0	1162	173	0	0	0	0.00	2.92	0
9430221	9430198	3.05	3 1-	2 ACSR 6/1	0	0	1310	176	14	1	1	0.00	2.81	0
9430222	9430221	3.08	1 1-	2 ACSR 6/1	0	0	1297	175	8	0	1	0.00	2.81	0
9430223	9430222	3.12	1 1-	2 ACSR 6/1	0	0	1279	175	8	0	1	0.00	2.81	0
9430202	9430201	2.95	4 1-	2 ACSR 6/1	0	0	1354	176	19	2	1	0.00	2.77	0
9430203	9430202	2.99	2 1-	2 ACSR 6/1	0	0	1335	176	10	1	1	0.00	2.77	0
9430192	9430266	2.95	5 1-	2 ACSR 6/1	0	0	1356	176	11	1	1	0.00	2.76	0
9430199	9430192	3.02	3 1-	2 ACSR 6/1	0	0	1321	176	5	0	0	0.00	2.76	0
9430200	9430199	3.08	3 1-	2 ACSR 6/1	0	0	1296	175	5	0	0	0.00	2.76	0
9430193	9430192	2.97	2 1-	2 ACSR 6/1	0	0	1346	176	6	0	0	0.00	2.76	0
9430231	9430233	2.66	14 3-	1/0 ACSR 6/1	1945	1764	1491	178	101	4	2	0.00	2.11	0
9430228	9430231	2.70	3 1-	2 ACSR 6/1	0	0	1473	178	34	4	2	0.00	1.42	0
9430229	9430228	2.78	2 1-	2 ACSR 6/1	0	0	1426	177	22	2	2	0.00	1.42	0
9430227	9430231	2.76	9 3-	1/0 ACSR 6/1	1890	1711	1446	178	52	2	1	0.01	2.11	0
9430226	9430227	2.80	7 3-	1/0 ACSR 6/1	1869	1690	1428	178	42	1	1	0.00	2.11	0
9430225	9430226	2.91	1 1-	2 ACSR 6/1	0	0	1377	177	3	0	0	0.00	2.58	0
9430224	9430226	2.88	5 3-	1/0 ACSR 6/1	1830	1654	1396	177	38	1	1	0.01	2.11	0
9430190	9430224	2.91	4 1-	2 ACSR 6/1	0	0	1382	177	34	4	2	0.00	2.59	0
9430191	9430190	2.95	1 1-	2 ACSR 6/1	0	0	1360	177	9	1	1	0.00	2.59	0
9430018	9430224	2.92	0 3-	1/0 ACSR 6/1	1808	1633	1378	177	0	0	0	0.00	2.11	0
09-53-P002-A	9430018	2.92	0 3-	Open	1808	1633	1378	177	0	0	0	0.00	2.11	0
9530022	9530019	2.07	19 1-	2 ACSR 6/1	0	0	1821	181	154	19	11	0.04	2.10	5
D09-53-P005	9530022	2.07	9 1-	REC-50-H	0	0	1821	181	68	8	17	0.00	2.10	0
9530018	D09-53-P005	2.16	9 1-	2 ACSR 6/1	0	0	1753	180	68	8	5	0.02	2.12	1
9530194	9530018	2.21	8 1-	2 ACSR 6/1	0	0	1712	180	46	5	3	0.01	2.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9520136	9530194	2.26	6 1-	2 ACSR 6/1	0	0	1679	180	36	4	3	0.01	2.13	0
9520041	9520136	2.30	3 1- 15	KV 2 URD XLP	0	0	1651	428	27	3	2	0.01	2.14	0
9520033	9520041	2.36	1 1- 15	KV 2 URD XLP	0	0	1614	425	3	0	0	0.00	2.14	0
9520040	9520041	2.35	1 1-	2 ACSR 6/1	0	0	1614	179	7	0	1	0.00	2.14	0
9520034	9520041	2.46	1 1-	2 ACSR 6/1	0	0	1544	178	16	2	1	0.00	2.14	0
9520138	9520136	2.33	2 1-	2 ACSR 6/1	0	0	1632	179	6	0	0	0.00	2.13	0
9520137	9520136	2.30	1 1-	2 ACSR 6/1	0	0	1649	179	3	0	0	0.00	2.13	0
9530193	9530018	2.19	1 1-	2 ACSR 6/1	0	0	1728	180	22	2	2	0.00	2.12	0
9530145	9530022	2.14	10 1-	2 ACSR 6/1	0	0	1771	181	86	11	6	0.02	2.12	1
9530146	9530145	2.27	10 1-	2 ACSR 6/1	0	0	1674	180	86	11	6	0.04	2.16	3
9530231	9530146	2.30	2 1-	2 ACSR 6/1	0	0	1648	179	22	2	2	0.00	2.16	0
9530230	9530146	2.29	6 1-	2 ACSR 6/1	0	0	1655	179	53	6	4	0.00	2.16	0
9520139	9530230	2.32	5 1-	2 ACSR 6/1	0	0	1634	179	33	4	2	0.00	2.17	0
9520111	9520139	2.39	3 1-	2 ACSR 6/1	0	0	1589	179	23	2	2	0.00	2.17	0
9520110	9520111	2.42	1 1- 15	KV 2 URD XLP	0	0	1570	423	10	1	1	0.00	2.17	0
9520109	9520111	2.50	1 1-	2 ACSR 6/1	0	0	1518	178	5	0	0	0.00	2.17	0
9520135	9520139	2.37	2 1-	2 ACSR 6/1	0	0	1604	179	11	1	1	0.00	2.17	0
9530199	9530146	2.27	1 1-	2 ACSR 6/1	0	0	1668	180	5	0	0	0.00	2.16	0
9530222	9530204	1.94	1 1-	2 ACSR 6/1	0	0	1920	182	1	0	0	0.00	2.03	0
9530200	9530203	1.81	1 1-	2 ACSR 6/1	0	0	2033	183	5	0	0	0.00	1.98	0
9520158	9520159	1.72	1 1-	2 ACSR 6/1	0	0	2099	183	1	0	0	0.00	1.71	0
NEW LP5	20850079	1.38	1 3-	Consumer	0	0	0	0	527	23	0	0.00	1.34	0
20850265	9620215	0.82	3 1-	2 ACSR 6/1	0	0	3414	188	13	1	1	0.00	0.80	0
CKT 4 total losses:	\$7,537													

SUB 45, CKT 5

BK4505	SOUTHCORBIN(45)	0.00	169 3-	BK4505	5455	5503	5647	190	1451	61	16	0.00	0.00	0
9720097	BK4505	0.09	169 3-	336 3PSC	5322	5350	5356	190	1451	61	12	0.01	0.02	31
9720098	9720097	0.27	169 3-	336 3PSC	5070	5050	4844	190	1451	61	12	0.03	0.06	62
9620322	9720098	0.32	169 3-	336 ACSR 18/1	4948	4907	4664	189	1450	61	12	0.01	0.07	20
9620274	9620322	0.34	169 3-	4/0 ACSR 6/1	4913	4868	4614	189	1450	61	18	0.00	0.07	8
9620276	9620274	0.39	5 1-	2 ACSR 6/1	0	0	4402	189	26	3	2	0.00	0.06	0
9620275	9620274	0.39	163 3-	4/0 ACSR 6/1	4786	4725	4436	189	1412	59	18	0.01	0.09	28
C09-62-P40	9620275	0.39	0 3-	Capacitor	4786	4725	4436	189	0	-13	0	0.00	0.09	0
9620277	9620275	0.42	163 3-	4/0 ACSR 6/1	4729	4662	4358	189	1412	59	17	0.01	0.10	13
9620278	9620277	0.44	160 3-	4/0 ACSR 6/1	4663	4588	4269	189	1405	58	17	0.01	0.12	15
9620281	9620278	0.49	159 3-	4/0 ACSR 6/1	4570	4485	4144	189	1405	58	17	0.02	0.14	22
9620282	9620281	0.53	16 1-	2 ACSR 6/1	0	0	3990	189	61	7	4	0.01	0.25	0
9620284	9620282	0.55	15 1-	2 ACSR 6/1	0	0	3918	188	56	7	4	0.00	0.25	0
9620285	9620284	0.57	14 1-	2 ACSR 6/1	0	0	3874	188	52	6	4	0.00	0.25	0
9620286	9620285	0.60	13 1-	2 ACSR 6/1	0	0	3770	188	51	6	4	0.01	0.26	0
9620287	9620286	0.62	12 1-	2 ACSR 6/1	0	0	3707	188	51	6	4	0.00	0.26	0
9620289	9620287	0.68	4 1-	2 ACSR 6/1	0	0	3546	187	21	2	2	0.00	0.27	0
9620266	9620289	0.72	1 1-	2 ACSR 6/1	0	0	3410	187	6	0	0	0.00	0.27	0
9620288	9620287	0.63	2 1-	2 ACSR 6/1	0	0	3664	188	11	1	1	0.00	0.27	0
9620267	9620287	0.65	6 1-	2 ACSR 6/1	0	0	3604	188	18	2	1	0.00	0.27	0
9620283	9620282	0.60	1 1-	2 ACSR 6/1	0	0	3756	188	4	0	0	0.00	0.25	0
9620279	9620281	0.52	12 1-	2 ACSR 6/1	0	0	4026	189	71	9	5	0.01	0.25	0
9620180	9620279	0.56	11 1-	2 ACSR 6/1	0	0	3912	188	63	8	4	0.01	0.25	0
9620181	9620180	0.61	10 1-	2 ACSR 6/1	0	0	3747	188	54	6	4	0.01	0.26	0
9620225	9620181	0.67	7 1-	2 ACSR 6/1	0	0	3561	187	33	4	2	0.01	0.27	0
9620172	9620225	0.70	6 1-	2 ACSR 6/1	0	0	3473	187	24	3	2	0.00	0.27	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
9620173	9620172	0.74	4 1-	2 ACSR	6/1	0	0	3370	187	13	1	1	0.00	0.27	0
9620174	9620173	0.77	2 1-	2 ACSR	6/1	0	0	3280	187	6	0	0	0.00	0.27	0
9620175	9620174	0.80	2 1-	2 ACSR	6/1	0	0	3218	186	6	0	0	0.00	0.27	0
9620224	9620181	0.63	2 1-	2 ACSR	6/1	0	0	3679	188	16	2	1	0.00	0.26	0
9620280	9620281	0.55	129 3-	4/0 ACSR	6/1	4437	4337	3970	189	1262	52	16	0.03	0.16	26
9620310	9620280	0.66	128 3-	4/0 ACSR	6/1	4223	4103	3700	188	1243	52	15	0.05	0.21	43
9620177	9620310	0.71	128 3-	4/0 ACSR	6/1	4133	4006	3591	188	1243	52	15	0.02	0.23	19
9630131	9620177	0.75	51 3-	4/0 ACSR	6/1	4055	3921	3496	188	233	9	3	0.01	0.23	0
9630132	9630131	0.79	12 1-	2 ACSR	6/1	0	0	3395	188	45	5	3	0.01	0.13	0
9630133	9630132	0.82	8 1-	2 ACSR	6/1	0	0	3316	187	26	3	2	0.00	0.13	0
9630134	9630133	0.87	3 1-	2 ACSR	6/1	0	0	3212	187	11	1	1	0.00	0.13	0
9630126	9630131	0.80	39 3-	4/0 ACSR	6/1	3971	3832	3398	188	188	7	2	0.00	0.24	0
9620263	9630126	0.84	24 3-	4/0 ACSR	6/1	3912	3768	3329	188	84	3	1	0.00	0.24	0
9620302	9620263	0.87	17 1-	2 ACSR	6/1	0	0	3250	188	62	7	4	0.01	0.23	0
9620179	9620302	0.90	11 1-	2 ACSR	6/1	0	0	3189	187	43	5	3	0.00	0.24	0
9620178	9620179	0.95	3 1-	2 ACSR	6/1	0	0	3071	187	13	1	1	0.00	0.24	0
9620260	9630126	0.84	15 3-	4/0 ACSR	6/1	3913	3769	3329	188	103	4	1	0.00	0.24	0
9620262	9620260	0.85	5 1-	2 ACSR	6/1	0	0	3288	188	31	3	2	0.00	0.22	0
9620261	9620262	0.87	2 1-	2 ACSR	6/1	0	0	3247	187	10	1	1	0.00	0.23	0
9620264	9620260	0.86	9 1-	2 ACSR	6/1	0	0	3271	188	49	6	3	0.00	0.37	0
9620265	9620264	0.91	1 1-	2 ACSR	6/1	0	0	3148	187	20	2	1	0.00	0.38	0
9620176	9620264	0.89	1 1-	2 ACSR	6/1	0	0	3215	187	9	1	1	0.00	0.37	0
9630170	9620177	0.77	74 3-	4/0 ACSR	6/1	4018	3882	3453	188	977	40	12	0.03	0.25	16
9630135	9630170	0.78	1 3-	4/0 ACSR	6/1	4000	3863	3431	188	2	0	0	0.00	0.25	0
9630171	9630170	0.82	69 3-	4/0 ACSR	6/1	3944	3802	3365	188	958	40	12	0.02	0.26	10
C09-63-P128	9630171	0.82	0 3-	Capacitor		3944	3802	3365	188	0	-13	0	0.00	0.26	0
9630172	9630171	0.86	69 3-	4/0 ACSR	6/1	3871	3724	3280	188	958	43	13	0.03	0.29	12
9630174	9630172	0.94	51 3-	4/0 ACSR	6/1	3757	3603	3151	187	854	39	12	0.04	0.32	17
9630136	9630174	1.00	46 3-	4/0 ACSR	6/1	3665	3506	3048	187	834	38	11	0.04	0.35	13
9630137	9630136	1.03	46 3-	4/0 ACSR	6/1	3623	3462	3002	187	834	38	11	0.02	0.36	6
9630180	9630137	1.11	41 3-	4/0 ACSR	6/1	3506	3340	2875	187	782	36	11	0.04	0.39	16
9630181	9630180	1.20	2 1-	2 ACSR	6/1	0	0	2719	186	10	1	1	0.00	0.43	0
9630182	9630181	1.25	2 1-	2 ACSR	6/1	0	0	2648	186	10	1	1	0.00	0.43	0
9630150	9630182	1.27	1 1-	2 ACSR	6/1	0	0	2600	186	2	0	0	0.00	0.43	0
9630155	9630180	1.22	31 3-	4/0 ACSR	6/1	3365	3194	2725	186	739	34	10	0.06	0.44	19
9630156	9630155	1.33	29 3-	4/0 ACSR	6/1	3239	3064	2595	186	731	34	10	0.06	0.48	18
9630130	9630156	1.41	2 1-	2 ACSR	6/1	0	0	2483	186	7	0	1	0.00	0.55	0
D09-63-P365	9630130	1.41	1 1-	FUS-40		0	0	2483	186	5	0	2	0.00	0.55	0
9630157	D09-63-P365	1.47	1 1-	2 ACSR	6/1	0	0	2398	185	5	0	0	0.00	0.55	0
9630209	9630156	1.44	8 3-	4/0 ACSR	6/1	3126	2948	2480	186	245	11	3	0.01	0.50	2
9630220	9630209	1.48	1 3-	4/0 ACSR	6/1	3083	2905	2437	186	120	5	2	0.00	0.50	0
9630159	9630220	1.49	1 3-	4/0 ACSR	6/1	3067	2889	2422	186	120	5	2	0.00	0.50	0
9630162	9630159	1.50	0 3-	4/0 ACSR	6/1	3062	2883	2416	186	0	0	0	0.00	0.50	0
9630163	9630162	1.50	0 3-	4/0 ACSR	6/1	3056	2877	2410	186	0	0	0	0.00	0.50	0
9630164	9630163	1.53	0 3-	4/0 ACSR	6/1	3031	2852	2386	186	0	0	0	0.00	0.50	0
9630166	9630164	1.55	0 3-	4/0 ACSR	6/1	3004	2824	2359	185	0	0	0	0.00	0.50	0
9630165	9630164	1.54	0 3-	4/0 ACSR	6/1	3015	2836	2370	185	0	0	0	0.00	0.50	0
9630121	9630220	1.58	0 3-	4/0 ACSR	6/1	2981	2801	2337	185	0	0	0	0.00	0.50	0
9630210	9630209	1.45	7 3-	4/0 ACSR	6/1	3108	2930	2462	186	124	5	2	0.00	0.50	0
9630013	9630210	1.48	7 3-	4/0 ACSR	6/1	3082	2904	2436	186	124	5	2	0.00	0.50	0
9630222	9630013	1.51	2 3-	4/0 ACSR	6/1	3051	2872	2406	186	78	3	1	0.00	0.50	0
9630219	9630013	1.53	5 3-	4/0 ACSR	6/1	3027	2848	2382	185	47	2	1	0.00	0.50	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9630017	9630156	1.40	19 3-	4/0 ACSR 6/1	3163	2985	2517	186	479	22	7	0.03	0.50	5
9630201	9630117	1.43	16 3-	4/0 ACSR 6/1	3135	2957	2489	186	469	21	6	0.01	0.51	2
9630128	9630201	1.46	15 3-	4/0 ACSR 6/1	3101	2923	2455	186	468	21	6	0.01	0.51	2
D09-63-P286	9630128	1.46	15 3-	REC-100-6H	3101	2923	2455	186	468	21	22	0.00	0.51	0
9630127	D09-63-P286	1.48	15 3-	4/0 ACSR 6/1	3080	2902	2435	186	468	21	6	0.01	0.52	1
9630202	9630127	1.54	9 3-	4/0 ACSR 6/1	3019	2839	2374	185	335	16	5	0.02	0.53	2
9630203	9630202	1.55	9 3-	4/0 ACSR 6/1	3009	2830	2364	185	335	16	5	0.00	0.53	0
9630204	9630203	1.61	6 3-	4/0 ACSR 6/1	2947	2767	2304	185	250	12	4	0.02	0.54	2
9630148	9630204	1.63	2 3-	4/0 ACSR 6/1	2927	2746	2284	185	103	5	1	0.00	0.54	0
9631420	9630148	1.63	2 3-	Consumer	2927	2746	2284	185	103	5	0	0.00	0.54	0
9630014	9630204	1.66	4 3-	4/0 ACSR 6/1	2906	2725	2263	185	148	7	2	0.01	0.55	0
9630214	9630014	1.76	2 1-	2 ACSR 6/1	0	0	2146	184	63	9	5	0.02	0.66	0
9630215	9630214	1.80	1 1-	2 ACSR 6/1	0	0	2106	184	3	0	0	0.00	0.66	0
9630147	9630014	1.69	2 3-	4/0 ACSR 6/1	2878	2697	2237	185	84	4	1	0.00	0.55	0
9630146	9630147	1.70	1 3-	4/0 ACSR 6/1	2867	2686	2226	185	42	2	1	0.00	0.55	0
9630149	9630146	1.74	1 3-	4/0 ACSR 6/1	2834	2653	2195	185	42	2	1	0.00	0.55	0
9630207	9630203	1.61	2 3-	4/0 ACSR 6/1	2950	2770	2306	185	82	3	1	0.00	0.53	0
9630189	9630207	1.67	1 3-	4/0 ACSR 6/1	2895	2714	2253	185	64	3	1	0.00	0.54	0
9630200	9630127	1.50	6 3-	4/0 ACSR 6/1	3058	2879	2412	186	133	5	2	0.00	0.52	0
9630208	9630200	1.51	2 1-	2 ACSR 6/1	0	0	2404	186	33	4	2	0.00	0.36	0
9630187	9630017	1.48	2 1-	2 ACSR 6/1	0	0	2406	185	8	1	1	0.00	0.34	0
9630188	9630187	1.52	1 1-	2 ACSR 6/1	0	0	2354	185	4	0	0	0.00	0.34	0
9630151	9630180	1.16	7 3-	4/0 ACSR 6/1	3443	3274	2807	187	28	1	0	0.00	0.39	0
9630152	9630151	1.19	6 3-	4/0 ACSR 6/1	3407	3236	2769	187	22	0	0	0.00	0.39	0
9630153	9630152	1.28	5 3-	4/0 ACSR 6/1	3297	3123	2654	186	22	0	0	0.00	0.40	0
9630154	9630153	1.42	4 1-	2 ACSR 6/1	0	0	2444	185	21	2	1	0.01	0.51	0
9630179	9630137	1.08	2 1-	2 ACSR 6/1	0	0	2897	187	25	3	2	0.00	0.39	0
9630178	9630174	0.97	5 1-	2 ACSR 6/1	0	0	3080	187	20	2	1	0.00	0.33	0
9630173	9630172	0.98	10 1-	2 ACSR 6/1	0	0	3024	187	70	8	5	0.03	0.44	2
9630176	9630173	0.99	1 1-	2 ACSR 6/1	0	0	2994	187	5	0	0	0.00	0.44	0
9630177	9630173	1.03	7 1-	2 ACSR 6/1	0	0	2920	186	64	8	5	0.01	0.45	0
9630124	9630177	1.49	6 1-	2 ACSR 6/1	0	0	2208	183	58	7	4	0.10	0.55	4
9730055	9630124	1.59	5 1-	2 ACSR 6/1	0	0	2094	182	57	7	4	0.01	0.56	0
9630161	9630172	0.90	5 1-	2 ACSR 6/1	0	0	3202	187	33	4	2	0.00	0.29	0
9630175	9630161	0.96	3 1-	2 ACSR 6/1	0	0	3073	187	23	2	2	0.00	0.29	0
9630125	9630175	0.99	1 1-	2 ACSR 6/1	0	0	3002	187	8	1	1	0.00	0.29	0
9630015	9620177	0.73	3 1-	2 ACSR 6/1	0	0	3529	188	33	4	2	0.00	0.35	0

CKT 5 total losses: \$436

SUB 45 total losses: \$22,337

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 48	NORTHCORBIN(48)	1600			5710	5777	5903	190	12387						
SUB 48,	CKT 1														
BK4801	NORTHCORBIN(48)	0.00	253	3-	BK4801	5710	5777	5903	190	1608	67	39	0.00	0.00	0
9370076	BK4801	0.02	253	3-	1/0 3PSC	5663	5713	5784	190	1608	67	29	0.01	0.02	24
9370073	9370076	0.07	223	3-	1/0 3PSC	5530	5528	5460	190	1457	60	26	0.01	0.06	59
9370074	9370073	0.09	0	3-	4/0 ACSR 6/1	5472	5462	5369	190	0	0	0	0.00	0.06	0
9370075	9370073	0.17	223	3-	1/0 3PSC	5288	5195	4932	189	1457	60	26	0.02	0.14	109
9270040	9370075	0.21	223	3-	4/0 ACSR 6/1	5153	5046	4745	189	1456	60	18	0.00	0.16	28
9270087	9270040	0.30	219	3-	4/0 ACSR 6/1	4920	4791	4435	189	1434	59	18	0.01	0.20	49
9270089	9270087	0.31	1	3-	4/0 ACSR 6/1	4898	4767	4407	189	1	0	0	0.00	0.20	0
9270090	9270089	0.54	1	3-	25 KV 1/0 URD X	4563	4463	4052	484	1	0	0	0.00	0.20	0
9270088	9270087	0.31	218	3-	4/0 ACSR 6/1	4896	4766	4405	189	1432	59	18	0.00	0.20	5
9270041	9270088	0.33	216	3-	4/0 ACSR 6/1	4842	4706	4335	189	1423	59	17	0.00	0.21	12
9270091	9270041	0.37	215	3-	15 KV 4/0 URD X	4808	4682	4299	493	1415	59	24	0.01	0.23	24
9270093	9270091	0.43	3	1-	15 KV 2 URD XLP	0	0	4124	489	20	2	2	0.00	0.34	0
9370188	9270093	0.46	1	1-	15 KV 2 URD XLP	0	0	4012	486	10	1	1	0.00	0.34	0
9370189	9370188	0.49	1	1-	15 KV 2 URD XLP	0	0	3922	484	10	1	1	0.00	0.34	0
9370190	9370189	0.53	1	1-	15 KV 2 URD XLP	0	0	3792	481	10	1	1	0.00	0.35	0
9370191	9370190	0.55	1	1-	15 KV 2 URD XLP	0	0	3735	480	10	1	1	0.00	0.35	0
9270092	9270091	0.52	212	3-	15 KV 4/0 URD X	4686	4588	4167	490	1395	58	24	0.04	0.29	82
9370134	9270092	0.56	3	1-	15 KV 2 URD XLP	0	0	4028	486	15	1	1	0.00	0.11	0
9370163	9270092	0.56	208	3-	4/0 ACSR 6/1	4578	4467	4031	188	1378	57	17	0.00	0.31	24
9370148	9370163	0.61	16	1-	15 KV 2 URD XLP	0	0	3906	485	103	13	8	0.02	0.48	2
9370128	9370148	0.63	10	1-	15 KV 2 URD XLP	0	0	3827	483	73	9	5	0.01	0.49	0
9370130	9370128	0.67	3	1-	15 KV 2 URD XLP	0	0	3711	481	20	2	2	0.00	0.49	0
9370131	9370130	0.72	3	1-	15 KV 2 URD XLP	0	0	3579	477	20	2	2	0.00	0.49	0
9370132	9370131	0.77	1	1-	15 KV 2 URD XLP	0	0	3423	473	6	0	0	0.00	0.49	0
9370133	9370132	0.81	1	1-	15 KV 2 URD XLP	0	0	3336	471	6	0	0	0.00	0.50	0
9370129	9370128	0.70	7	1-	15 KV 2 URD XLP	0	0	3636	479	53	6	4	0.02	0.50	0
9370127	9370129	0.75	7	1-	15 KV 2 URD XLP	0	0	3487	475	53	6	4	0.01	0.52	0
9370126	9370127	0.78	6	1-	15 KV 2 URD XLP	0	0	3411	473	50	6	4	0.01	0.52	0
9370184	9370126	0.82	4	1-	15 KV 2 URD XLP	0	0	3296	470	32	4	2	0.01	0.53	0
9370186	9370184	0.91	2	1-	15 KV 2 URD XLP	0	0	3067	463	14	1	1	0.01	0.53	0
9370187	9370186	0.97	1	1-	15 KV 2 URD XLP	0	0	2946	460	13	1	1	0.00	0.54	0
9370185	9370187	1.01	0	1-	15 KV 2 URD XLP	0	0	2843	457	0	0	0	0.00	0.54	0
9370183	9370184	0.85	2	1-	15 KV 2 URD XLP	0	0	3225	468	18	2	1	0.00	0.53	0
9370182	9370183	0.90	1	1-	15 KV 2 URD XLP	0	0	3104	464	7	0	1	0.00	0.53	0
9370125	9370126	0.82	2	1-	15 KV 2 URD XLP	0	0	3296	470	18	2	1	0.00	0.52	0
9370122	9370148	0.64	5	1-	15 KV 2 URD XLP	0	0	3789	482	27	3	2	0.00	0.48	0
9370123	9370122	0.68	3	1-	15 KV 2 URD XLP	0	0	3681	480	14	1	1	0.00	0.48	0
9370124	9370123	0.72	1	1-	15 KV 2 URD XLP	0	0	3568	477	4	0	0	0.00	0.48	0
9370164	9370163	0.62	191	3-	4/0 ACSR 6/1	4453	4328	3878	188	1271	53	16	0.01	0.33	24
D09-37-P009	9370164	0.62	13	1-	FUS	0	0	3878	188	32	4	91	0.00	0.12	0
9370115	D09-37-P009	0.71	13	1-	2 ACSR 6/1	0	0	3603	187	32	4	2	0.01	0.13	0
9270066	9370115	0.77	9	1-	2 ACSR 6/1	0	0	3422	187	23	2	2	0.00	0.13	0
9270067	9270066	0.83	5	1-	2 ACSR 6/1	0	0	3278	186	13	1	1	0.00	0.13	0
9270042	9270067	0.89	3	1-	2 ACSR 6/1	0	0	3113	186	7	0	0	0.00	0.14	0
9270045	9270042	0.96	2	1-	2 ACSR 6/1	0	0	2959	185	6	0	0	0.00	0.14	0
9270065	9370115	0.73	3	1-	2 ACSR 6/1	0	0	3541	187	5	0	0	0.00	0.13	0
9270084	9270065	0.78	1	1-	15 KV 2 URD XLP	0	0	3412	477	0	0	0	0.00	0.13	0
9370150	9370164	0.73	178	3-	4/0 ACSR 6/1	4223	4076	3604	187	1239	51	15	0.02	0.37	46
9370152	9370150	0.77	157	3-	4/0 ACSR 6/1	4154	4002	3525	187	1132	47	14	0.00	0.39	14

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
				15 KV 2 URD XLP	0	0	2547	461	4	0	0	0.00	0.68	0
				2 ACSR 6/1	0	0	2856	186	22	2	2	0.01	0.58	0
D09-36-P012				FUS-30	0	0	2856	186	22	2	10	0.00	0.58	0
				2 ACSR 6/1	0	0	2708	185	22	2	2	0.01	0.59	0
				2 ACSR 6/1	0	0	2580	185	19	2	1	0.01	0.60	0
				2 ACSR 6/1	0	0	2385	184	9	1	1	0.00	0.60	0
				2 ACSR 6/1	0	0	2246	183	3	0	0	0.00	0.60	0
				2 ACSR 6/1	0	0	2420	184	10	1	1	0.00	0.60	0
				4/0 ACSR 6/1	3659	3477	2980	186	707	30	9	0.01	0.46	11
				4/0 ACSR 6/1	3614	3431	2933	186	692	29	9	0.01	0.46	5
				4/0 ACSR 6/1	3509	3321	2823	186	686	29	9	0.01	0.47	13
				4/0 ACSR 6/1	3457	3268	2770	186	680	28	9	0.01	0.48	7
				4/0 ACSR 6/1	3389	3199	2702	186	672	28	8	0.01	0.49	9
				Capacitor	3389	3199	2702	186	0	-13	0	0.00	0.49	0
				4/0 ACSR 6/1	3324	3132	2637	186	672	29	9	0.02	0.50	9
				4/0 ACSR 6/1	3237	3044	2550	185	663	29	9	0.03	0.53	13
				REC-70-L	0	0	2550	185	204	25	37	0.00	0.83	0
				2 ACSR 6/1	0	0	2521	185	204	25	14	0.01	0.85	2
				2 ACSR 6/1	0	0	2418	185	11	1	1	0.00	0.85	0
				2 ACSR 6/1	0	0	2444	185	189	23	13	0.04	0.88	5
				2 ACSR 6/1	0	0	2411	185	182	23	13	0.01	0.90	2
				2 ACSR 6/1	0	0	2330	184	24	3	2	0.00	0.90	0
				2 ACSR 6/1	0	0	2308	184	14	1	1	0.00	0.90	0
				2 ACSR 6/1	0	0	2346	184	143	18	10	0.02	0.92	3
				2 ACSR 6/1	0	0	2187	183	129	16	9	0.06	0.98	6
				2 ACSR 6/1	0	0	2152	183	127	16	9	0.01	0.99	1
				2 ACSR 6/1	0	0	2111	183	118	14	8	0.02	1.01	1
				2 ACSR 6/1	0	0	2045	182	55	7	4	0.01	1.02	0
				2 ACSR 6/1	0	0	1995	182	12	1	1	0.00	1.02	0
				2 ACSR 6/1	0	0	2014	182	44	5	3	0.00	1.02	0
				2 ACSR 6/1	0	0	1986	182	22	2	2	0.00	1.03	0
				2 ACSR 6/1	0	0	1934	181	11	1	1	0.00	1.03	0
				2 ACSR 6/1	0	0	1925	181	12	1	1	0.00	1.03	0
				2 ACSR 6/1	0	0	2048	182	33	4	2	0.01	1.02	0
				2 ACSR 6/1	0	0	1958	182	33	4	2	0.01	1.03	0
				2 ACSR 6/1	0	0	1910	181	30	3	2	0.01	1.03	0
				2 ACSR 6/1	0	0	1853	181	13	1	1	0.00	1.03	0
				15 KV 2 URD XLP	0	0	1808	434	13	1	1	0.00	1.04	0
				2 ACSR 6/1	0	0	1877	181	17	2	1	0.00	1.03	0
				15 KV 2 URD XLP	0	0	1827	435	13	1	1	0.00	1.03	0
				2 ACSR 6/1	0	0	1996	182	0	0	0	0.00	1.02	0
				2 ACSR 6/1	0	0	2071	182	27	3	2	0.00	1.01	0
				2 ACSR 6/1	0	0	1973	182	20	2	1	0.01	1.02	0
				2 ACSR 6/1	0	0	1951	182	14	1	1	0.00	1.02	0
				2 ACSR 6/1	0	0	1924	181	11	1	1	0.00	1.02	0
				2 ACSR 6/1	0	0	1894	181	7	0	1	0.00	1.02	0
				4/0 ACSR 6/1	3181	2987	2496	185	459	21	6	0.01	0.54	3
				4/0 ACSR 6/1	3097	2902	2414	185	448	20	6	0.02	0.56	5
				4/0 ACSR 6/1	3043	2848	2362	185	447	20	6	0.01	0.57	3
				4/0 ACSR 6/1	3001	2805	2322	185	439	20	6	0.01	0.58	3
				Consumer	3001	2805	2322	185	173	8	0	0.00	0.58	0
				4/0 ACSR 6/1	2990	2795	2312	185	267	12	4	0.00	0.58	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9360053	9360052	1.76	4 3-	4/0 ACSR 6/1	2866	2671	2196	184	251	11	3	0.02	0.60	3
9360048	9360053	1.79	1 3-	4/0 ACSR 6/1	2833	2638	2165	184	15	0	0	0.00	0.60	0
9360047	9360053	1.83	2 3-	4/0 ACSR 6/1	2801	2606	2135	184	235	11	3	0.01	0.61	1
9360074	9360047	1.86	2 3- 15	KV 2 URD XLP	2778	2583	2117	456	235	11	7	0.01	0.62	2
9360530	9360074	1.86	2 3-	Consumer	2778	2583	2117	456	235	11	0	0.00	0.62	0
9370151	9370152	0.83	14 1-	2 ACSR 6/1	0	0	3363	187	67	8	5	0.01	0.15	0
9270051	9370151	0.88	12 1- 15	KV 2 URD XLP	0	0	3255	477	55	6	4	0.01	0.16	0
9270058	9270051	0.93	10 1- 15	KV 2 URD XLP	0	0	3132	473	47	5	4	0.01	0.17	0
9270059	9270058	0.99	8 1- 15	KV 2 URD XLP	0	0	3004	468	37	4	3	0.01	0.18	0
9270083	9270059	1.10	1 1- 15	KV 2 URD XLP	0	0	2787	461	1	0	0	0.00	0.18	0
9260107	9270083	1.17	0 1- 15	KV 2 URD XLP	0	0	2654	456	0	0	0	0.00	0.18	0
9260108	9270083	1.15	1 1- 15	KV 2 URD XLP	0	0	2707	458	1	0	0	0.00	0.18	0
9270046	9270059	1.05	5 1- 15	KV 2 URD XLP	0	0	2891	465	22	2	2	0.01	0.18	0
9270057	9270046	1.11	3 1- 15	KV 2 URD XLP	0	0	2779	461	18	2	1	0.00	0.18	0
9270082	9270057	1.17	1 1- 15	KV 2 URD XLP	0	0	2668	457	4	0	0	0.00	0.19	0
9270081	9270082	1.28	1 1-	2 ACSR 6/1	0	0	2474	182	4	0	0	0.00	0.19	0
9370165	9370150	0.79	19 1-	2 ACSR 6/1	0	0	3454	187	103	12	7	0.02	0.15	2
9270060	9370165	0.82	17 1- 15	KV 2 URD XLP	0	0	3370	479	98	12	7	0.02	0.17	1
9270071	9270060	0.87	14 1- 15	KV 2 URD XLP	0	0	3266	476	85	10	6	0.02	0.19	1
9270048	9270071	0.98	3 1- 15	KV 2 URD XLP	0	0	3022	468	20	2	2	0.01	0.19	0
9270047	9270071	0.97	9 1- 15	KV 2 URD XLP	0	0	3042	468	57	7	4	0.03	0.21	1
9270053	9270047	1.03	8 1- 15	KV 2 URD XLP	0	0	2915	464	49	6	4	0.01	0.22	0
9270054	9270053	1.09	6 1- 15	KV 2 URD XLP	0	0	2797	460	36	4	3	0.01	0.23	0
9270055	9270054	1.14	4 1- 15	KV 2 URD XLP	0	0	2691	456	25	3	2	0.01	0.24	0
9270056	9270055	1.19	2 1- 15	KV 2 URD XLP	0	0	2614	454	19	2	1	0.00	0.24	0
9270050	9270056	1.25	1 1- 15	KV 2 URD XLP	0	0	2512	450	9	1	1	0.00	0.24	0
9270049	9270041	0.36	1 1- 15	KV 2 URD XLP	0	0	4239	492	7	0	1	0.00	0.31	0
9270063	9270088	0.34	2 1-	1/0 ACSR 6/1	0	0	4283	189	9	1	1	0.00	0.05	0
9270064	9270063	0.42	0 1-	1/0 ACSR 6/1	0	0	4036	188	0	0	0	0.00	0.05	0
D09-27-P031	9270064	0.42	0 1-	FUS	0	0	4036	188	0	0	5	0.00	0.05	0
9270118	D09-27-P031	0.44	0 1-	1/0 ACSR 6/1	0	0	3986	188	0	0	0	0.00	0.05	0
9270108	9270118	0.60	0 1- 15	KV 2 URD XLP	0	0	3514	477	0	0	0	0.00	0.05	0
9270111	9270108	0.63	0 1- 15	KV 2 URD XLP	0	0	3433	475	0	0	0	0.00	0.05	0
9270114	9270111	0.69	0 1- 15	KV 2 URD XLP	0	0	3275	471	0	0	0	0.00	0.05	0
9270117	9270114	0.77	0 1- 15	KV 2 URD XLP	0	0	3093	465	0	0	0	0.00	0.05	0
9270116	9270114	0.71	0 1- 15	KV 2 URD XLP	0	0	3233	469	0	0	0	0.00	0.05	0
9270113	9270111	0.65	0 1- 15	KV 2 URD XLP	0	0	3398	474	0	0	0	0.00	0.05	0
9270110	9270108	0.65	0 1- 15	KV 2 URD XLP	0	0	3380	474	0	0	0	0.00	0.05	0
9270044	9270040	0.30	4 1-	2 ACSR 6/1	0	0	4372	188	22	2	2	0.00	0.24	0
9270039	9370075	0.19	0 3-	4/0 ACSR 6/1	5221	5121	4839	189	0	0	0	0.00	0.14	0
09-27-P007-A	9270039	0.19	0 3-	Open	5221	5121	4839	189	0	0	0	0.00	0.14	0
9370077	9370076	0.06	30 1-	2 ACSR 6/1	0	0	5538	190	151	18	11	0.02	0.03	3
D09-37-P106	9370077	0.06	30 1-	FUS-70	0	0	5538	190	151	18	32	0.00	0.03	0
9370081	D09-37-P106	0.18	30 1-	2 ACSR 6/1	0	0	4901	189	151	18	11	0.06	0.10	7
9370120	9370081	0.21	5 1-	2 ACSR 6/1	0	0	4747	189	19	2	1	0.00	0.10	0
D09-37-P053	9370120	0.21	4 1-	FUS	0	0	4747	189	13	1	38	0.00	0.10	0
9370142	D09-37-P053	0.30	4 1- 15	KV 2 URD XLP	0	0	4359	486	13	1	1	0.00	0.10	0
9370143	9370142	0.36	2 1- 15	KV 2 URD XLP	0	0	4136	482	7	0	1	0.00	0.10	0
9370078	9370081	0.27	25 1-	2 ACSR 6/1	0	0	4435	188	132	16	9	0.05	0.14	5
9370080	9370078	0.41	25 1-	2 ACSR 6/1	0	0	3880	187	132	16	9	0.07	0.21	7
9370106	9370080	0.48	23 1-	2 ACSR 6/1	0	0	3650	187	127	16	9	0.03	0.24	3
9370107	9370106	0.54	21 1-	2 ACSR 6/1	0	0	3473	186	108	13	8	0.02	0.26	2

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9370109	9370107	0.58	21 1-	2 ACSR 6/1	0	0	3343	186	108	13	8	0.02	0.28	1
9370114	9370109	0.71	1 1-	2 ACSR 6/1	0	0	3038	185	9	1	1	0.00	0.28	0
9370113	9370109	0.61	19 1-	2 ACSR 6/1	0	0	3267	186	90	11	6	0.01	0.29	0
9370110	9370113	0.66	16 1-	2 ACSR 6/1	0	0	3154	185	77	9	5	0.01	0.30	0
9370111	9370110	0.71	13 1-	2 ACSR 6/1	0	0	3022	185	62	7	4	0.01	0.31	0
9370112	9370111	0.74	10 1-	2 ACSR 6/1	0	0	2971	185	45	5	3	0.00	0.31	0
9370116	9370112	0.81	7 1-	2 ACSR 6/1	0	0	2811	184	31	3	2	0.01	0.32	0
9370117	9370116	0.91	6 1-	2 ACSR 6/1	0	0	2631	183	26	3	2	0.01	0.33	0
9370104	9370117	0.95	4 1-	2 ACSR 6/1	0	0	2562	183	21	2	1	0.00	0.33	0
9370192	9370104	1.00	3 1-	2 ACSR 6/1	0	0	2474	183	20	2	1	0.00	0.33	0
9370105	9370192	1.05	2 1-	2 ACSR 6/1	0	0	2398	182	14	1	1	0.00	0.33	0
9370108	9370105	1.10	1 1-	2 ACSR 6/1	0	0	2328	182	9	1	1	0.00	0.33	0
9370121	9370080	0.45	2 1-	2 ACSR 6/1	0	0	3751	187	5	0	0	0.00	0.21	0
9370079	9370078	0.34	0 1-	2 ACSR 6/1	0	0	4145	188	0	0	0	0.00	0.14	0
CKT 1 total losses:		\$746												
SUB 48, CKT 2														
BK4802	NORTHCORBIN(48)	0.00	572 3-	BK4802	5710	5777	5903	190	6238	269	159	0.00	0.00	0
9370135	BK4802	0.01	572 3-	4/0 ACSR 6/1	5679	5743	5852	190	6238	269	79	0.03	0.03	99
9370119	9370135	0.11	571 3-	4/0 ACSR 6/1	5388	5414	5372	190	6235	269	79	0.31	0.28	1007
9270043	9370119	0.18	570 3-	4/0 ACSR 6/1	5174	5170	5038	190	6222	269	79	0.25	0.48	802
9270035	9270043	0.21	0 3-	4/0 ACSR 6/1	5109	5096	4940	190	0	0	0	0.00	0.48	0
09-27-P007-B	9270035	0.21	0 3-	Open	5109	5096	4940	190	0	0	0	0.00	0.48	0
9270068	9270043	0.20	570 3-	4/0 ACSR 6/1	5120	5109	4957	190	6215	269	79	0.06	0.54	211
9270085	9270068	0.25	549 3-	4/0 ACSR 6/1	4998	4971	4776	189	6128	265	78	0.15	0.66	477
9270086	9270085	0.29	548 3-	4/0 ACSR 6/1	4890	4849	4619	189	6119	265	78	0.14	0.77	442
9270061	9270086	0.34	6 1-	2 ACSR 6/1	0	0	4419	189	22	2	2	0.00	0.63	0
9270075	9270061	0.42	4 1-	2 ACSR 6/1	0	0	4097	188	16	2	1	0.00	0.63	0
9370145	9270075	0.44	4 1-	2 ACSR 6/1	0	0	4034	188	16	2	1	0.00	0.63	0
9370146	9370145	0.49	1 1-	2 ACSR 6/1	0	0	3857	188	7	0	0	0.00	0.63	0
9270037	9270086	0.33	542 3-	4/0 ACSR 6/1	4805	4753	4498	189	6093	264	78	0.11	0.87	358
9270036	9270037	0.49	541 3-	4/0 ACSR 6/1	4446	4352	4010	189	6082	264	78	0.51	1.29	1643
9270034	9270036	0.61	536 3-	4/0 ACSR 6/1	4210	4093	3709	188	5999	261	77	0.36	1.60	1187
9270038	9270034	0.81	534 3-	4/0 ACSR 6/1	3867	3722	3296	188	5980	260	77	0.60	2.11	1962
D09-28-P203	9270038	0.81	2 1-	FUS	0	0	3296	188	21	2	63	0.00	2.52	0
9280227	D09-28-P203	0.86	2 1-	2 ACSR 6/1	0	0	3183	187	21	2	2	0.00	2.52	0
9280181	9270038	0.85	532 3-	4/0 ACSR 6/1	3803	3654	3222	188	5941	260	76	0.12	2.21	398
9280172	9280181	0.96	531 3-	4/0 ACSR 6/1	3643	3485	3040	187	5936	260	76	0.32	2.49	1057
9280234	9280172	1.02	511 3-	4/0 ACSR 6/1	3551	3388	2939	187	5817	255	75	0.19	2.65	624
9280236	9280234	1.06	1 1- 15	KV 2 URD XLP	0	0	2871	477	12	1	1	0.00	3.16	0
9280235	9280234	1.08	510 3-	4/0 ACSR 6/1	3478	3313	2860	187	5798	254	75	0.16	2.79	509
9280089	9280235	1.18	506 3-	4/0 ACSR 6/1	3345	3174	2718	186	5779	254	75	0.30	3.05	996
D09-28-P015	9280089	1.18	1 1-	FUS	0	0	2718	186	7	0	20	0.00	2.54	0
9280228	D09-28-P015	1.23	1 1-	2 ACSR 6/1	0	0	2644	186	7	0	0	0.00	2.54	0
9280090	9280089	1.52	505 3-	4/0 ACSR 6/1	2979	2800	2345	185	5763	253	75	0.96	3.88	3150
D09-28-P073	9280090	1.52	1 1-	FUS	0	0	2345	185	1	0	3	0.00	4.58	0
9280231	D09-28-P073	1.64	1 1-	2 ACSR 6/1	0	0	2201	184	1	0	0	0.00	4.58	0
9280085	9280090	1.58	504 3-	4/0 ACSR 6/1	2924	2744	2291	185	5733	253	75	0.16	4.02	538
9280086	9280085	1.65	504 3-	4/0 ACSR 6/1	2857	2677	2226	185	5728	253	75	0.21	4.20	682
9280180	9280086	1.67	504 3-	336 ACSR 18/1	2847	2667	2216	185	5722	253	48	0.03	4.23	84
9280176	9280180	1.69	501 3-	336 ACSR 18/1	2829	2649	2199	185	5704	253	48	0.05	4.27	142
9280177	9280176	1.73	498 3-	336 ACSR 18/1	2802	2621	2172	185	5698	253	48	0.08	4.34	231

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9280179	9280177	1.76	28 1-	2 ACSR 6/1	0	0	2138	184	168	22	12	0.02	3.69	3
9280093	9280179	1.79	26 1-	2 ACSR 6/1	0	0	2110	184	159	20	12	0.02	3.71	2
9280112	9280093	1.86	24 1-	2 ACSR 6/1	0	0	2042	184	150	19	11	0.04	3.75	4
9280113	9280112	1.94	1 1- 15	KV 2 URD XLP	0	0	1968	450	43	6	4	0.01	3.76	0
9280107	9280112	1.92	21 1- 15	KV 2 URD XLP	0	0	1990	452	97	12	7	0.03	3.77	2
9280111	9280107	1.96	8 1- 15	KV 2 URD XLP	0	0	1952	449	40	5	3	0.01	3.78	0
9280109	9280111	2.00	6 1- 15	KV 2 URD XLP	0	0	1921	447	24	3	2	0.00	3.78	0
9280102	9280109	2.04	3 1- 15	KV 2 URD XLP	0	0	1886	444	17	2	1	0.00	3.79	0
9280092	9280102	2.11	2 1- 15	KV 2 URD XLP	0	0	1830	440	13	1	1	0.00	3.79	0
9280110	9280107	2.01	13 1- 15	KV 2 URD XLP	0	0	1909	446	57	7	4	0.02	3.80	1
9280098	9280110	2.08	1 1- 15	KV 2 URD XLP	0	0	1853	441	7	0	1	0.00	3.80	0
9280097	9280110	2.09	9 1- 15	KV 2 URD XLP	0	0	1842	440	38	4	3	0.01	3.81	0
9280095	9280097	2.13	5 1- 15	KV 2 URD XLP	0	0	1814	438	22	2	2	0.00	3.81	0
9280094	9280095	2.19	2 1- 15	KV 2 URD XLP	0	0	1768	435	11	1	1	0.00	3.82	0
9280104	9280094	2.22	2 1- 15	KV 2 URD XLP	0	0	1743	433	11	1	1	0.00	3.82	0
9280096	9280097	2.14	1 1-	2 ACSR 6/1	0	0	1806	181	7	0	0	0.00	3.81	0
9280178	9280177	1.77	469 3-	336 ACSR 18/1	2776	2595	2147	185	5525	245	46	0.08	4.40	210
9280229	9280178	1.85	467 3-	336 ACSR 18/1	2720	2539	2093	184	5516	245	46	0.18	4.54	468
9280230	9280229	1.96	466 3-	336 ACSR 18/1	2655	2474	2032	184	5505	244	46	0.21	4.70	558
9280210	9280230	2.03	5 1- 15	KV 2 URD XLP	0	0	1969	454	24	3	2	0.01	5.57	0
9280209	9280210	2.12	3 1- 15	KV 2 URD XLP	0	0	1901	448	10	1	1	0.00	5.57	0
9280206	9280209	2.19	1 1- 15	KV 2 URD XLP	0	0	1844	443	2	0	0	0.00	5.57	0
9280205	9280209	2.16	0 1- 15	KV 2 URD XLP	0	0	1865	445	0	0	0	0.00	5.57	0
9280208	9280210	2.09	1 1- 15	KV 2 URD XLP	0	0	1919	449	7	0	1	0.00	5.57	0
9280152	9280230	2.01	461 3-	336 ACSR 18/1	2623	2442	2002	184	5475	243	46	0.11	4.78	285
9380141	9280152	2.04	460 3-	336 ACSR 18/1	2606	2426	1986	184	5468	243	46	0.06	4.83	152
9380127	9380141	2.07	459 3-	336 ACSR 18/1	2590	2409	1971	184	5464	243	46	0.06	4.87	150
9380139	9380127	2.15	10 1- 15	KV 2 URD XLP	0	0	1907	451	41	5	3	0.01	4.75	0
9380138	9380139	2.18	1 1- 15	KV 2 URD XLP	0	0	1879	449	4	0	0	0.00	4.75	0
9380137	9380139	2.24	6 1- 15	KV 2 URD XLP	0	0	1835	445	23	2	2	0.01	4.76	0
9280154	9380137	2.28	4 1- 15	KV 2 URD XLP	0	0	1807	443	17	2	1	0.00	4.76	0
9380144	9280154	2.37	2 1- 15	KV 2 URD XLP	0	0	1740	437	8	1	1	0.00	4.77	0
9380089	9380127	2.12	449 3-	336 ACSR 18/1	2561	2380	1944	184	5422	241	46	0.10	4.95	270
9380075	9380089	2.14	447 3-	336 ACSR 18/1	2548	2368	1932	184	5410	241	46	0.04	4.99	115
D09-38-P002	9380075	2.14	4 1-	FUS-40	0	0	1932	184	21	2	8	0.00	4.84	0
9380091	D09-38-P002	2.15	4 1-	2 ACSR 6/1	0	0	1920	184	21	2	1	0.00	4.84	0
9380093	9380091	2.21	2 1-	2 ACSR 6/1	0	0	1869	183	12	1	1	0.00	4.85	0
9380090	9380075	2.19	443 3-	336 ACSR 18/1	2520	2340	1906	184	5389	240	45	0.10	5.07	268
D09-38-P004	9380090	2.19	21 1-	FUS-40	0	0	1906	184	53	6	19	0.00	4.26	0
9380069	D09-38-P004	2.24	21 1-	2 ACSR 6/1	0	0	1862	183	53	6	4	0.01	4.27	0
9380146	9380069	2.33	0 1-	2 ACSR 6/1	0	0	1794	183	0	0	0	0.00	4.27	0
9380072	9380069	2.28	16 1-	2 ACSR 6/1	0	0	1829	183	35	4	3	0.01	4.28	0
9380169	9380072	2.41	14 1-	2 ACSR 6/1	0	0	1731	182	28	3	2	0.01	4.29	0
9380170	9380169	2.48	13 1-	2 ACSR 6/1	0	0	1685	181	20	2	1	0.00	4.29	0
9380168	9380170	2.54	9 1-	2 ACSR 6/1	0	0	1646	181	14	1	1	0.00	4.29	0
9380172	9380168	2.57	7 1-	2 ACSR 6/1	0	0	1624	181	9	1	1	0.00	4.29	0
9380128	9380172	2.61	2 1-	2 ACSR 6/1	0	0	1597	180	3	0	0	0.00	4.29	0
9380152	9380168	2.64	1 1-	2 ACSR 6/1	0	0	1580	180	2	0	0	0.00	4.29	0
9380073	9380072	2.34	1 1-	2 ACSR 6/1	0	0	1788	183	4	0	0	0.00	4.28	0
9380070	9380069	2.30	3 1-	2 ACSR 6/1	0	0	1819	183	12	1	1	0.00	4.27	0
9380071	9380070	2.33	1 1-	2 ACSR 6/1	0	0	1789	183	6	0	0	0.00	4.27	0
D09-38-P004A	9380090	2.19	15 1-	FUS-40	0	0	1906	184	76	10	28	0.00	6.03	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9380148	D09-38-P004A	2.25	15 1-	2 ACSR 6/1	0	0	1857	183	76	10	6	0.02	6.04	0
9380149	9380148	2.31	13 1-	2 ACSR 6/1	0	0	1805	183	63	8	5	0.01	6.06	0
9380177	9380149	2.33	1 1-	2 ACSR 6/1	0	0	1791	183	8	1	1	0.00	6.06	0
9380150	9380149	2.38	10 1-	2 ACSR 6/1	0	0	1754	182	43	5	3	0.01	6.07	0
9380151	9380150	2.45	0 1-	2 ACSR 6/1	0	0	1703	182	0	0	0	0.00	6.07	0
9380145	9380150	2.43	5 1-	2 ACSR 6/1	0	0	1720	182	35	4	3	0.00	6.07	0
9380178	9380145	2.51	3 1-	2 ACSR 6/1	0	0	1665	181	19	2	1	0.00	6.07	0
9380153	9380090	2.29	406 3-	336 ACSR 18/1	2465	2285	1856	183	5249	234	44	0.20	5.22	508
9380154	9380153	2.34	405 3-	336 ACSR 18/1	2438	2259	1831	183	5242	234	44	0.10	5.30	259
9380140	9380154	2.40	1 1-	2 ACSR 6/1	0	0	1788	183	0	0	0	0.00	4.45	0
9380095	9380154	2.41	404 3-	336 ACSR 18/1	2405	2226	1801	183	5240	234	44	0.12	5.40	321
9380163	9380095	2.46	391 3-	336 ACSR 18/1	2380	2202	1778	183	5160	231	44	0.09	5.48	244
9380162	9380163	2.54	2 1-	15 KV 2 URD XLP	0	0	1726	445	13	1	1	0.00	4.59	0
9380164	9380163	2.51	388 3-	336 ACSR 18/1	2355	2178	1756	183	5144	230	43	0.09	5.55	242
D09-38-P009	9380164	2.51	4 1-	FUS-40	0	0	1756	183	14	1	5	0.00	6.63	0
9380155	D09-38-P009	2.54	4 1-	2 ACSR 6/1	0	0	1734	183	14	1	1	0.00	6.63	0
9380156	9380155	2.58	1 1-	2 ACSR 6/1	0	0	1705	182	3	0	0	0.00	6.63	0
9380165	9380164	2.54	383 3-	336 ACSR 18/1	2339	2161	1742	183	5121	229	43	0.06	5.60	165
9380077	9380165	2.58	14 1-	2 ACSR 6/1	0	0	1716	183	70	9	5	0.01	6.70	0
9380122	9380077	2.63	14 1-	15 KV 2 URD XLP	0	0	1682	443	70	9	6	0.02	6.72	1
9380125	9380122	2.68	12 1-	15 KV 2 URD XLP	0	0	1654	440	63	8	5	0.01	6.74	0
9380179	9380125	2.73	2 1-	15 KV 2 URD XLP	0	0	1625	437	17	2	1	0.00	6.74	0
9380176	9380179	2.78	0 1-	15 KV 2 URD XLP	0	0	1595	434	0	0	0	0.00	6.74	0
9380126	9380125	2.75	10 1-	2 ACSR 6/1	0	0	1609	181	45	6	3	0.01	6.75	0
9380117	9380126	2.81	9 1-	2 ACSR 6/1	0	0	1570	181	42	5	3	0.01	6.76	0
9380118	9380117	2.85	5 1-	15 KV 2 URD XLP	0	0	1549	431	20	2	2	0.00	6.76	0
9380119	9380118	2.90	4 1-	15 KV 2 URD XLP	0	0	1524	428	17	2	1	0.00	6.76	0
9380120	9380119	2.99	3 1-	15 KV 2 URD XLP	0	0	1474	423	15	1	1	0.01	6.77	0
9380121	9380120	3.05	2 1-	15 KV 2 URD XLP	0	0	1446	420	11	1	1	0.00	6.77	0
9380116	9380117	2.87	4 1-	2 ACSR 6/1	0	0	1535	180	23	3	2	0.00	6.76	0
9380124	9380116	2.91	3 1-	2 ACSR 6/1	0	0	1512	180	14	1	1	0.00	6.76	0
9380123	9380124	2.95	2 1-	2 ACSR 6/1	0	0	1492	179	8	1	1	0.00	6.76	0
9380166	9380165	2.58	369 3-	336 ACSR 18/1	2320	2143	1725	183	5050	226	43	0.07	5.66	182
9380161	9380166	2.63	366 3-	336 ACSR 18/1	2295	2119	1703	183	5035	225	43	0.09	5.74	247
D09-38-P015	9380161	2.63	16 1-	FUS	0	0	1703	183	65	8	197	0.00	6.86	0
9380157	D09-38-P015	2.67	16 1-	2 ACSR 6/1	0	0	1680	182	65	8	5	0.01	6.86	0
9380158	9380157	2.69	14 1-	2 ACSR 6/1	0	0	1665	182	59	7	4	0.00	6.87	0
9380159	9380158	2.72	7 1-	2 ACSR 6/1	0	0	1648	182	37	4	3	0.00	6.87	0
9380160	9380159	2.73	3 1-	2 ACSR 6/1	0	0	1638	182	18	2	1	0.00	6.87	0
9380171	9380161	2.71	349 3-	336 ACSR 18/1	2260	2085	1672	183	4965	222	42	0.13	5.85	346
D09-38-P018	9380171	2.71	1 1-	FUS	0	0	1672	183	6	0	18	0.00	4.88	0
9380078	D09-38-P018	2.99	1 1-	2 ACSR 6/1	0	0	1506	180	6	0	0	0.00	4.88	0
9380092	9380171	2.77	346 3-	336 ACSR 18/1	2234	2060	1649	182	4945	222	42	0.10	5.94	259
9380079	9380092	2.81	342 3-	336 ACSR 18/1	2218	2044	1635	182	4923	221	42	0.06	5.99	168
9380080	9380079	2.85	341 3-	336 ACSR 18/1	2199	2026	1619	182	4915	221	42	0.07	6.06	190
D09-38-P027	9380080	2.85	3 1-	FUS	0	0	1619	182	9	1	29	0.00	7.21	0
9380081	D09-38-P027	2.93	3 1-	2 ACSR 6/1	0	0	1571	182	9	1	1	0.00	7.22	0
9380082	9380081	2.97	0 1-	2 ACSR 6/1	0	0	1549	181	0	0	0	0.00	7.22	0
9380083	9380082	3.01	0 1-	2 ACSR 6/1	0	0	1524	181	0	0	0	0.00	7.22	0
9380084	9380080	2.87	338 3-	336 ACSR 18/1	2193	2020	1613	182	4903	220	42	0.03	6.08	69
9380086	9380084	2.88	328 3-	336 ACSR 18/1	2186	2013	1607	182	4653	208	39	0.02	6.10	61
9380087	9380086	2.90	327 3-	336 ACSR 18/1	2177	2004	1599	182	4650	208	39	0.03	6.13	89

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9380167	9380087	4.17	326 3-	336 ACSR 18/1	1752	1598	1243	179	4641	208 39	1.91	7.81	4962	
9580099	9380167	4.25	324 3-	336 ACSR 18/1	1731	1578	1227	179	4577	207 39	0.12	7.91	303	
9580116	9580099	4.39	214 3-	336 ACSR 18/1	1695	1544	1197	179	1285	58 11	0.10	7.94	63	
9580104	9580116	4.45	212 3-	336 ACSR 18/1	1681	1531	1186	179	1269	57 11	0.04	7.95	24	
D09-58-P013	9580104	4.45	3 1-	FUS 0	0	0	1186	179	12	1 35	0.00	7.83	0	
9580130	D09-58-P013	4.47	3 1-	2 ACSR 6/1	0	0	1178	178	12	1 1	0.00	7.83	0	
9580118	9580130	4.53	0 1-	2 ACSR 6/1	0	0	1160	178	0	0 0	0.00	7.83	0	
9580111	9580130	4.58	0 1-	2 ACSR 6/1	0	0	1144	178	0	0 0	0.00	7.83	0	
9580066	9580104	4.50	209 3-	336 ACSR 18/1	1669	1519	1176	178	1257	56 11	0.04	7.96	22	
9580067	9580066	4.56	208 3-	336 ACSR 18/1	1653	1505	1164	178	1252	56 11	0.05	7.97	28	
D09-58-P080	9580067	4.56	1 1-	FUS-40	0	0	1164	178	12	1 4	0.00	6.58	0	
9580125	D09-58-P080	4.61	1 1-	2 ACSR 6/1	0	0	1148	178	12	1 1	0.00	6.58	0	
D09-58-P080A	9580067	4.56	1 1-	FUS-40	0	0	1164	178	3	0 1	0.00	9.54	0	
9580119	D09-58-P080A	4.62	1 1-	2 ACSR 6/1	0	0	1145	178	3	0 0	0.00	9.54	0	
9580120	9580119	4.68	1 1-	2 ACSR 6/1	0	0	1128	177	3	0 0	0.00	9.54	0	
9580091	9580067	4.64	204 3-	336 ACSR 18/1	1636	1488	1150	178	1228	55 11	0.05	7.98	32	
D09-58-P081	9580091	4.64	13 1-	FUS-40	0	0	1150	178	46	6 17	0.00	7.76	0	
9580090	D09-58-P081	4.66	13 1-	2 ACSR 6/1	0	0	1143	178	46	6 3	0.00	7.77	0	
9580092	9580090	4.69	7 1-	2 ACSR 6/1	0	0	1132	178	27	3 2	0.00	7.77	0	
9580112	9580092	4.76	6 1-	2 ACSR 6/1	0	0	1114	177	19	2 1	0.00	7.77	0	
9580121	9580091	4.73	190 3-	336 ACSR 18/1	1614	1468	1133	178	1174	53 10	0.07	8.00	40	
9580126	9580121	4.94	189 3-	336 ACSR 18/1	1568	1425	1097	177	1169	53 10	0.14	8.03	88	
D09-58-P084	9580126	4.94	7 1-	FUS-40	0	0	1097	177	40	5 15	0.00	9.80	0	
9580071	D09-58-P084	4.96	7 1-	2 ACSR 6/1	0	0	1091	177	40	5 3	0.00	9.81	0	
9580113	9580071	5.00	1 1-	2 ACSR 6/1	0	0	1080	177	8	1 1	0.00	9.81	0	
9580107	9580071	5.05	3 1-	2 ACSR 6/1	0	0	1065	177	18	2 1	0.00	9.81	0	
9580108	9580107	5.13	1 1-	2 ACSR 6/1	0	0	1043	176	5	0 0	0.00	9.81	0	
9580106	9580108	5.21	1 1-	2 ACSR 6/1	0	0	1023	175	5	0 0	0.00	9.81	0	
9580114	9580071	4.99	3 1-	2 ACSR 6/1	0	0	1083	177	14	1 1	0.00	9.81	0	
9580105	9580114	5.02	2 1-	2 ACSR 6/1	0	0	1074	177	6	0 0	0.00	9.81	0	
9580115	9580126	4.99	2 1-	2 ACSR 6/1	0	0	1081	177	10	1 1	0.00	7.64	0	
9580068	9580126	5.04	180 3-	336 ACSR 18/1	1547	1405	1080	177	1119	51 10	0.06	8.05	38	
9580073	9580068	5.06	92 3-	1/0 ACSR 6/1	1538	1396	1074	177	650	31 14	0.02	8.06	10	
C09-58-P72	9580073	5.06	0 3-	Capacitor	1538	1396	1074	177	0	-12	0.00	8.06	0	
9580086	9580073	5.12	92 3-	1/0 ACSR 6/1	1519	1378	1061	177	650	29 13	0.06	8.08	22	
D09-58-P026	9580086	5.12	2 1-	FUS-40	0	0	1061	177	14	1 5	0.00	9.95	0	
9580138	D09-58-P026	5.17	2 1-	2 ACSR 6/1	0	0	1047	176	14	1 1	0.00	9.95	0	
9580139	9580138	5.25	1 1-	2 ACSR 6/1	0	0	1028	176	4	0 0	0.00	9.95	0	
9580087	9580086	5.19	90 3-	1/0 ACSR 6/1	1497	1356	1045	176	636	28 12	0.07	8.11	26	
D09-58-P071	9580087	5.19	90 3-	REC-100-R	1497	1356	1045	176	635	28 0	0.00	8.11	0	
9580072	D09-58-P071	5.26	90 3-	1/0 ACSR 6/1	1475	1336	1030	176	635	28 12	0.07	8.14	25	
D09-58-P028	9580072	5.26	2 1-	FUS 0	0	0	1030	176	11	1 35	0.00	10.09	0	
9580144	D09-58-P028	5.33	2 1-	2 ACSR 6/1	0	0	1013	175	11	1 1	0.00	10.09	0	
9580143	9580072	5.33	88 3-	1/0 ACSR 6/1	1455	1317	1015	176	624	28 12	0.07	8.17	23	
9680047	9580143	5.43	87 3-	1/0 ACSR 6/1	1425	1288	994	175	616	27 12	0.10	8.22	35	
9680046	9680047	5.49	4 1-	2 ACSR 6/1	0	0	980	175	19	2 1	0.00	10.27	0	
9680048	9680046	5.53	1 1-	2 ACSR 6/1	0	0	970	174	3	0 0	0.00	10.27	0	
9680049	9680046	5.55	3 1-	2 ACSR 6/1	0	0	965	174	16	2 1	0.00	10.27	0	
9680045	9680047	5.51	82 3-	1/0 ACSR 6/1	1402	1266	978	175	594	26 12	0.08	8.25	25	
9680051	9680045	5.58	81 3-	1/0 ACSR 6/1	1382	1247	964	174	591	26 12	0.07	8.28	23	
9680053	9680051	5.73	78 3-	1/0 ACSR 6/1	1341	1208	936	174	560	25 11	0.14	8.34	43	
9680039	9680053	5.81	77 3-	1/0 ACSR 6/1	1323	1191	923	173	559	25 11	0.06	8.37	20	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9680040	9680039	5.97	77 3-	1/0 ACSR 6/1	1283	1154	895	172	559	25	11	0.14	8.43	45
9680042	9680040	6.01	10 1-	2 ACSR 6/1	0	0	887	172	86	11	7	0.01	10.76	0
9680055	9680042	6.05	0 1-	2 ACSR 6/1	0	0	880	172	0	0	0	0.00	10.76	0
9680028	9680042	6.05	9 1-	2 ACSR 6/1	0	0	880	172	77	10	6	0.01	10.78	0
9680029	9680028	6.22	8 1-	2 ACSR 6/1	0	0	848	171	70	9	5	0.05	10.82	3
9680061	9680029	6.27	2 1-	2 ACSR 6/1	0	0	839	170	8	1	1	0.00	10.82	0
9680062	9680061	6.38	1 1-	2 ACSR 6/1	0	0	821	169	0	0	0	0.00	10.82	0
9680032	9680029	6.28	4 1-	2 ACSR 6/1	0	0	837	170	31	4	2	0.01	10.83	0
9680033	9680032	6.38	3 1-	2 ACSR 6/1	0	0	820	169	22	3	2	0.00	10.83	0
9680030	9680029	6.26	2 1-	2 ACSR 6/1	0	0	841	170	30	4	2	0.00	10.83	0
9680031	9680030	6.29	1 1-	2 ACSR 6/1	0	0	836	170	11	1	1	0.00	10.83	0
9680041	9680040	6.00	64 3-	1/0 ACSR 6/1	1276	1146	890	172	458	20	9	0.02	8.44	5
D09-68-P075	9680041	6.00	1 1-	FUS	0	0	890	172	11	1	33	0.00	6.98	0
9680027	D09-68-P075	6.07	1 1-	2 ACSR 6/1	0	0	876	172	11	1	1	0.00	6.98	0
9680035	9680041	6.03	63 3-	1/0 ACSR 6/1	1268	1139	885	172	447	20	9	0.02	8.45	5
9680036	9680035	6.23	62 3-	1/0 ACSR 6/1	1223	1097	854	171	435	19	9	0.13	8.51	32
9680037	9680036	6.33	61 3-	1/0 ACSR 6/1	1201	1077	839	171	426	19	8	0.07	8.54	17
9680038	9680037	6.39	59 3-	1/0 ACSR 6/1	1188	1064	829	170	410	18	8	0.04	8.56	9
9680054	9680038	6.77	57 3-	1/0 ACSR 6/1	1115	996	779	168	406	18	8	0.23	8.67	54
9770074	9680054	6.78	1 1-	2 ACSR 6/1	0	0	777	168	8	1	1	0.00	7.17	0
9770053	9680054	6.82	56 3-	1/0 ACSR 6/1	1106	988	773	168	398	18	8	0.03	8.68	7
D09-77-P064	9770053	6.82	1 1-	FUS	0	0	773	168	15	2	46	0.00	11.30	0
9770075	D09-77-P064	6.97	1 1-	2 ACSR 6/1	0	0	751	167	15	2	1	0.00	11.30	0
9770076	9770053	6.89	52 3-	1/0 ACSR 6/1	1092	975	763	168	366	16	7	0.05	8.70	9
9770095	9770076	6.95	6 1- 15	KV 2 URD XLP	0	0	756	351	40	5	3	0.01	11.36	0
9770096	9770095	7.01	5 1- 15	KV 2 URD XLP	0	0	747	348	36	4	3	0.01	11.37	0
9770094	9770096	7.06	4 1- 15	KV 2 URD XLP	0	0	741	347	28	3	2	0.00	11.37	0
9770093	9770094	7.09	2 1- 15	KV 2 URD XLP	0	0	737	345	13	1	1	0.00	11.37	0
9770088	9770076	6.95	44 3-	1/0 ACSR 6/1	1082	966	756	167	314	14	6	0.03	8.71	5
9770070	9770088	7.01	9 1- 15	KV 2 URD XLP	0	0	749	350	64	8	5	0.02	11.39	1
9770071	9770070	7.05	9 1- 15	KV 2 URD XLP	0	0	743	348	64	8	5	0.01	11.41	0
9770069	9770071	7.09	7 1- 15	KV 2 URD XLP	0	0	738	346	50	6	4	0.01	11.41	0
9770066	9770069	7.13	5 1- 15	KV 2 URD XLP	0	0	733	345	36	4	3	0.01	11.42	0
9770065	9770066	7.16	3 1- 15	KV 2 URD XLP	0	0	729	344	25	3	2	0.00	11.43	0
9770064	9770065	7.19	3 1- 15	KV 2 URD XLP	0	0	726	343	25	3	2	0.00	11.43	0
9770063	9770064	7.21	1 1- 15	KV 2 URD XLP	0	0	722	342	11	1	1	0.00	11.43	0
9770077	9770088	7.08	33 3-	1/0 ACSR 6/1	1061	946	742	167	238	10	5	0.04	8.73	5
9670049	9770077	7.20	1 1-	2 ACSR 6/1	0	0	725	166	13	1	1	0.00	11.42	0
9670066	9770077	7.15	29 3-	1/0 ACSR 6/1	1049	935	733	166	215	9	4	0.02	8.74	2
9670062	9670066	7.46	3 1-	2 ACSR 6/1	0	0	694	164	8	1	1	0.00	7.23	0
9670056	9670066	7.19	26 3-	1/0 ACSR 6/1	1041	928	728	166	206	9	4	0.01	8.75	1
9670058	9670056	7.22	21 3-	1/0 ACSR 6/1	1038	925	726	166	171	7	3	0.00	8.75	0
9670091	9670058	7.25	19 3-	1/0 ACSR 6/1	1032	920	722	166	153	6	3	0.01	8.75	0
9670098	9670091	7.34	1 1-	2 ACSR 6/1	0	0	710	165	5	0	0	0.00	11.46	0
9670064	9670091	7.35	16 3-	1/0 ACSR 6/1	1017	905	711	166	123	5	2	0.02	8.76	1
9770079	9670064	7.45	2 3-	1/0 ACSR 6/1	1002	892	701	165	15	0	0	0.00	8.76	0
9770124	9770079	7.47	1 3-	1/0 ACSR 6/1	998	888	698	165	8	0	0	0.00	8.76	0
R09-77-P0	9770124	7.47	0 3-	0	998	888	698	165	0	0	0	-9.08	2.40	0
9770123	R09-77-P0	7.54	0 3-	1/0 ACSR 6/1	989	880	692	165	0	0	0	0.00	2.40	0
09-77-P006-B	9770123	7.54	0 3-	Open	989	880	692	165	0	0	0	0.00	2.40	0
9670090	9670064	7.43	11 3-	1/0 ACSR 6/1	1005	895	703	165	94	4	2	0.01	8.77	0
9670065	9670090	7.48	2 1-	2 ACSR 6/1	0	0	697	165	19	2	1	0.00	11.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9670042	9670065	7.52	1 1-	2 ACSR 6/1	0	0	691	164	10	1	1	0.00	11.49	0
9670068	9670090	7.49	1 1-	2 ACSR 6/1	0	0	695	165	7	0	1	0.00	7.25	0
9670036	9670090	7.52	8 3-	1/0 ACSR 6/1	991	882	694	165	68	3	1	0.01	8.77	0
9670046	9670036	7.58	1 1-	2 ACSR 6/1	0	0	687	164	10	1	1	0.00	11.50	0
9670043	9670036	7.58	7 3-	1/0 ACSR 6/1	983	874	688	164	57	2	1	0.01	8.77	0
9670044	9670043	7.62	6 3-	1/0 ACSR 6/1	976	868	683	164	47	2	1	0.00	8.78	0
9670038	9670044	7.68	4 3-	1/0 ACSR 6/1	968	860	678	164	31	1	1	0.00	8.78	0
9670040	9670038	7.71	4 3-	1/0 ACSR 6/1	965	857	675	164	31	1	1	0.00	8.78	0
9670045	9670040	7.76	1 1-	2 ACSR 6/1	0	0	669	163	8	1	1	0.00	11.52	0
9670041	9670040	7.79	2 3-	336 ACSR 18/1	958	851	670	164	14	0	0	0.00	8.78	0
09-67-P050-A	9670041	7.79	2 3-	Closed	958	851	670	164	14	0	0	0.00	8.78	0
09-67-P050-B	09-67-P050-A	7.79	2 3-	Closed	958	851	670	164	14	0	0	0.00	8.78	0
9670082	09-67-P050-B	7.82	2 3-	336 ACSR 18/1	955	849	668	164	14	0	0	0.00	8.78	0
9670075	9670082	8.01	2 3-	336 ACSR 18/1	941	836	657	163	14	0	0	0.00	8.78	0
9670080	9670075	8.13	2 3-	336 ACSR 18/1	932	828	649	163	14	0	0	0.00	8.78	0
9670078	9670082	7.86	0 3-	336 ACSR 18/1	952	846	666	163	0	0	0	0.00	8.78	0
09-67-P167-A	9670078	7.86	0 3-	Open	952	846	666	163	0	0	0	0.00	8.78	0
9670039	9670038	7.74	0 1-	2 ACSR 6/1	0	0	671	164	0	0	0	0.00	11.51	0
9670063	9670056	7.21	2 1-	2 ACSR 6/1	0	0	726	166	19	2	1	0.00	11.44	0
9670094	9670063	7.31	1 1-	2 ACSR 6/1	0	0	714	165	9	1	1	0.00	11.45	0
9670093	9670063	7.24	1 1-	2 ACSR 6/1	0	0	722	166	10	1	1	0.00	11.44	0
9670057	9670056	7.25	2 1-	2 ACSR 6/1	0	0	721	166	8	1	1	0.00	7.24	0
9770054	9770053	7.09	3 1-	2 ACSR 6/1	0	0	734	166	17	2	1	0.02	7.20	0
9670055	9770054	7.22	3 1-	15 KV 2 URD XLP	0	0	718	341	17	2	1	0.01	7.21	0
9670073	9670055	7.38	2 1-	2 ACSR 6/1	0	0	697	164	11	1	1	0.01	7.21	0
9670074	9670073	7.54	2 1-	2 ACSR 6/1	0	0	678	163	11	1	1	0.01	7.22	0
9670067	9670074	7.59	2 1-	2 ACSR 6/1	0	0	673	163	11	1	1	0.00	7.22	0
9670035	9670074	7.68	0 1-	2 ACSR 6/1	0	0	662	162	0	0	0	0.00	7.22	0
9680060	9680038	6.53	1 1-	2 ACSR 6/1	0	0	807	169	0	0	0	0.00	11.03	0
9680056	9680037	6.42	2 1-	2 ACSR 6/1	0	0	824	170	16	2	1	0.00	11.00	0
9680063	9680056	6.62	1 1-	2 ACSR 6/1	0	0	791	168	3	0	0	0.00	11.00	0
9680034	9680040	6.03	2 1-	2 ACSR 6/1	0	0	884	172	8	1	1	0.00	6.97	0
9680052	9680051	5.61	2 1-	2 ACSR 6/1	0	0	957	174	15	2	1	0.00	10.41	0
9680050	9680052	5.66	1 1-	2 ACSR 6/1	0	0	948	174	7	0	1	0.00	10.41	0
9680043	9580143	5.41	1 1-	2 ACSR 6/1	0	0	995	175	7	0	1	0.00	6.78	0
9680044	9680043	5.43	1 1-	2 ACSR 6/1	0	0	990	175	7	0	1	0.00	6.78	0
9580074	9580068	5.12	88 3-	2 ACSR 6/1	1515	1373	1058	177	469	21	12	0.09	8.09	24
D09-58-P169	9580074	5.12	88 3-	REC-70-L	1515	1373	1058	177	468	21	30	0.00	8.09	0
9580102	D09-58-P169	5.16	88 3-	2 ACSR 6/1	1501	1359	1048	176	468	21	12	0.04	8.11	11
9580109	9580102	5.21	1 1-	2 ACSR 6/1	0	0	1035	176	10	1	1	0.00	7.60	0
9580101	9580102	5.22	84 3-	2 ACSR 6/1	1477	1336	1031	176	440	19	11	0.07	8.14	18
9580095	9580101	5.26	84 3-	2 ACSR 6/1	1463	1322	1021	175	440	19	11	0.04	8.16	11
9580133	9580095	5.29	3 1-	2 ACSR 6/1	0	0	1015	175	20	2	2	0.00	6.78	0
9580134	9580133	5.36	1 1-	2 ACSR 6/1	0	0	996	175	5	0	0	0.00	6.78	0
9580098	9580095	5.35	78 3-	2 ACSR 6/1	1431	1291	999	175	395	17	10	0.09	8.19	21
9580110	9580098	5.38	73 3-	2 ACSR 6/1	1420	1279	992	175	374	16	9	0.03	8.21	8
9580076	9580110	5.45	71 3-	2 ACSR 6/1	1395	1255	975	174	357	16	9	0.07	8.23	17
9580077	9580076	5.50	70 3-	2 ACSR 6/1	1382	1242	965	174	350	15	9	0.04	8.25	10
9580078	9580077	5.55	69 3-	2 ACSR 6/1	1365	1226	954	173	345	15	9	0.05	8.27	12
9580081	9580078	5.61	68 3-	2 ACSR 6/1	1344	1205	939	173	336	15	8	0.06	8.29	16
9580082	9580081	5.67	2 1-	2 ACSR 6/1	0	0	927	172	15	1	1	0.00	6.91	0
9580083	9580082	5.70	1 1-	2 ACSR 6/1	0	0	921	172	11	1	1	0.00	6.91	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9580084	9580083	5.73	1 1-	2 ACSR 6/1	0	0	915	172	11	1	1	0.00	6.91	0
9580085	9580084	5.76	1 1-	2 ACSR 6/1	0	0	909	172	11	1	1	0.00	6.91	0
9580080	9580081	5.68	65 3-	2 ACSR 6/1	1321	1184	924	172	314	14	8	0.07	8.32	17
9580131	9580080	5.85	55 3-	2 ACSR 6/1	1270	1134	889	171	268	12	7	0.18	8.36	40
9590061	9580131	5.90	55 3-	2 ACSR 6/1	1257	1122	880	171	267	12	7	0.05	8.38	11
D09-59-P002	9590061	5.90	9 1-	FUS	0	0	880	171	46	6	145	0.00	10.74	0
9590056	D09-59-P002	6.18	9 1-	2 ACSR 6/1	0	0	829	169	46	6	4	0.05	10.79	2
9590057	9590056	6.20	8 1-	2 ACSR 6/1	0	0	826	169	44	6	3	0.00	10.79	0
9590053	9590057	6.21	7 1-	2 ACSR 6/1	0	0	823	169	42	5	3	0.00	10.79	0
9590031	9590053	6.27	1 1-	2 ACSR 6/1	0	0	814	168	10	1	1	0.00	10.79	0
9590059	9590053	6.31	6 1-	2 ACSR 6/1	0	0	807	168	32	4	2	0.01	10.80	0
9490039	9590059	6.39	5 1-	2 ACSR 6/1	0	0	794	167	26	3	2	0.01	10.81	0
9490041	9490039	6.45	2 1-	2 ACSR 6/1	0	0	785	167	9	1	1	0.00	10.81	0
9590058	9590057	6.27	1 1-	2 ACSR 6/1	0	0	814	168	2	0	0	0.00	10.79	0
9590037	9590061	5.97	46 3-	2 ACSR 6/1	1237	1103	867	170	221	10	6	0.06	8.39	11
D09-59-P009	9590037	5.97	42 1-	REC-50-H	0	0	867	170	209	28	58	0.00	10.80	0
9590041	D09-59-P009	6.03	42 1-	2 ACSR 6/1	0	0	857	170	209	28	16	0.04	10.84	8
9590042	9590041	6.18	38 1-	2 ACSR 6/1	0	0	828	169	191	26	15	0.12	10.96	19
9590047	9590042	6.28	30 1-	2 ACSR 6/1	0	0	812	168	163	22	13	0.06	11.02	8
9590048	9590047	6.36	27 1-	2 ACSR 6/1	0	0	798	168	156	21	12	0.05	11.07	7
9590050	9590048	6.43	2 1-	2 ACSR 6/1	0	0	787	167	12	1	1	0.00	11.07	0
9590049	9590048	6.45	23 1-	2 ACSR 6/1	0	0	784	167	137	18	11	0.05	11.12	5
9590033	9590049	6.57	20 1-	2 ACSR 6/1	0	0	767	166	114	15	9	0.05	11.17	5
9590034	9590033	6.59	19 1-	2 ACSR 6/1	0	0	763	166	111	15	9	0.01	11.18	0
9590035	9590034	6.64	18 1-	2 ACSR 6/1	0	0	755	166	111	15	9	0.02	11.20	2
9590052	9590035	6.76	17 1-	2 ACSR 6/1	0	0	738	165	110	15	8	0.05	11.25	5
9690013	9590052	6.84	1 1-	2 ACSR 6/1	0	0	728	164	7	0	1	0.00	11.25	0
9690012	9590052	6.84	15 1-	2 ACSR 6/1	0	0	728	164	92	12	7	0.03	11.28	2
9690015	9690012	6.95	13 1-	2 ACSR 6/1	0	0	713	164	84	11	6	0.03	11.31	2
9690017	9690015	7.02	2 1-	2 ACSR 6/1	0	0	704	163	16	2	1	0.00	11.31	0
9690016	9690015	7.06	10 1-	2 ACSR 6/1	0	0	698	163	58	8	4	0.03	11.34	1
9690026	9690016	7.11	9 1-	2 ACSR 6/1	0	0	693	163	56	7	4	0.01	11.35	0
9690028	9690026	7.18	1 1-	2 ACSR 6/1	0	0	684	162	3	0	0	0.00	11.35	0
9690027	9690026	7.17	8 1-	2 ACSR 6/1	0	0	686	162	52	7	4	0.01	11.36	0
9690021	9690027	7.26	4 1-	2 ACSR 6/1	0	0	674	162	31	4	2	0.01	11.37	0
9690029	9690021	7.28	3 1-	2 ACSR 6/1	0	0	672	161	9	1	1	0.00	11.37	0
9690031	9690029	7.34	1 1-	2 ACSR 6/1	0	0	665	161	4	0	0	0.00	11.37	0
9690030	9690029	7.34	2 1-	2 ACSR 6/1	0	0	665	161	5	0	0	0.00	11.37	0
9690022	9690021	7.45	0 1-	2 ACSR 6/1	0	0	653	160	0	0	0	0.00	11.37	0
9690020	9690027	7.27	1 1-	2 ACSR 6/1	0	0	674	161	9	1	1	0.00	11.36	0
9690019	9690027	7.23	1 1-	2 ACSR 6/1	0	0	678	162	4	0	0	0.00	11.36	0
9690018	9690016	7.14	1 1-	2 ACSR 6/1	0	0	689	162	3	0	0	0.00	11.34	0
9690014	9690012	6.94	2 1-	2 ACSR 6/1	0	0	714	164	7	1	1	0.00	11.28	0
9590062	9590049	6.49	3 1-	2 ACSR 6/1	0	0	778	167	23	3	2	0.00	11.12	0
9590063	9590062	6.54	2 1-	2 ACSR 6/1	0	0	771	166	16	2	1	0.00	11.12	0
9590051	9590063	6.59	1 1-	2 ACSR 6/1	0	0	763	166	8	1	1	0.00	11.12	0
9590032	9590063	6.58	1 1-	2 ACSR 6/1	0	0	764	166	8	1	1	0.00	11.12	0
9590043	9590042	6.25	7 1-	2 ACSR 6/1	0	0	817	168	20	2	2	0.00	10.96	0
9590040	9590041	6.10	3 1-	2 ACSR 6/1	0	0	843	169	14	1	1	0.00	10.85	0
9590039	9590040	6.17	1 1-	2 ACSR 6/1	0	0	831	169	8	1	1	0.00	10.85	0
9590038	9590040	6.15	2 1-	2 ACSR 6/1	0	0	834	169	6	0	0	0.00	10.85	0
9590036	9590037	6.03	2 1-	2 ACSR 6/1	0	0	856	170	10	1	1	0.00	10.80	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9580122	9580080	5.79	10 1-	2 ACSR 6/1	0	0	901	172	46	6	3	0.02	6.95	0
9580123	9580122	5.83	2 1-	2 ACSR 6/1	0	0	894	171	12	1	1	0.00	6.95	0
9580065	9580123	5.95	1 1-	2 ACSR 6/1	0	0	870	170	4	0	0	0.00	6.95	0
9580063	9580123	5.97	1 1-	2 ACSR 6/1	0	0	867	170	8	1	1	0.00	6.95	0
9580064	9580122	5.95	7 1-	2 ACSR 6/1	0	0	870	170	32	4	2	0.02	6.97	0
9590044	9580064	5.99	6 1-	2 ACSR 6/1	0	0	864	170	29	3	2	0.00	6.97	0
9590067	9590044	6.03	1 1-	2 ACSR 6/1	0	0	856	170	9	1	1	0.00	6.97	0
9590071	9590067	6.17	0 1-	2 ACSR 6/1	0	0	831	169	0	0	0	0.00	6.97	0
9590054	9590044	6.03	4 1-	2 ACSR 6/1	0	0	855	170	13	1	1	0.00	6.97	0
9590046	9590054	6.08	0 1-	2 ACSR 6/1	0	0	847	170	0	0	0	0.00	6.97	0
9590045	9590054	6.06	4 1-	2 ACSR 6/1	0	0	851	170	13	1	1	0.00	6.97	0
9580079	9580078	5.61	1 1-	2 ACSR 6/1	0	0	940	173	9	1	1	0.00	6.88	0
9580096	9580095	5.31	2 1-	2 ACSR 6/1	0	0	1009	175	18	2	1	0.00	10.10	0
9580097	9580096	5.36	1 1-	2 ACSR 6/1	0	0	996	175	10	1	1	0.00	10.10	0
9580117	9580091	4.68	0 1-	2 ACSR 6/1	0	0	1138	178	0	0	0	0.00	6.59	0
9580124	9580066	4.56	1 1-	2 ACSR 6/1	0	0	1158	178	5	0	0	0.00	6.57	0
9580100	9580099	4.29	108 3-	336 ACSR 18/1	1723	1570	1219	179	3275	152	29	0.03	7.95	74
D09-58-P006	9580100	4.29	1 1-	FUS-40	0	0	1219	179	10	1	4	0.00	6.55	0
9580094	D09-58-P006	4.34	1 1-	2 ACSR 6/1	0	0	1200	178	10	1	1	0.00	6.55	0
9580070	9580100	4.30	107 3-	336 ACSR 18/1	1718	1565	1216	179	3264	152	29	0.01	7.97	40
D09-58-P044	9580070	4.30	107 3-	ER3-RVE-200/100	1718	1565	1216	179	3264	152	145	0.00	7.97	0
9580069	D09-58-P044	4.33	107 3-	336 ACSR 18/1	1711	1559	1210	179	3264	152	29	0.02	8.00	60
D09-58-P104	9580069	4.33	4 1-	FUS	0	0	1210	179	10	1	32	0.00	8.03	0
9580135	D09-58-P104	4.35	4 1-	2 ACSR 6/1	0	0	1205	179	10	1	1	0.00	8.03	0
9580093	9580069	4.38	102 3-	336 ACSR 18/1	1699	1547	1200	179	3247	151	29	0.03	8.05	100
9570085	9580093	4.46	100 3-	336 ACSR 18/1	1679	1529	1184	178	3241	151	29	0.06	8.14	170
9570086	9570085	4.59	98 3-	336 ACSR 18/1	1647	1499	1159	178	3228	150	28	0.10	8.28	279
D09-57-P031	9570086	4.59	8 1-	FUS-40	0	0	1159	178	48	6	18	0.00	6.80	0
9570059	D09-57-P031	4.66	8 1-	2 ACSR 6/1	0	0	1138	178	48	6	4	0.01	6.81	0
9570069	9570059	4.68	6 1-	2 ACSR 6/1	0	0	1130	177	30	4	2	0.00	6.81	0
9570060	9570069	4.83	4 1-	2 ACSR 6/1	0	0	1086	176	20	2	2	0.01	6.83	0
9570076	9570060	4.87	3 1-	2 ACSR 6/1	0	0	1075	176	18	2	1	0.00	6.83	0
9570087	9570076	4.97	1 1-	2 ACSR 6/1	0	0	1049	175	4	0	0	0.00	6.83	0
9570068	9570059	4.72	1 1-	2 ACSR 6/1	0	0	1120	177	4	0	0	0.00	6.81	0
9570042	9570086	4.64	90 3-	336 ACSR 18/1	1634	1487	1149	178	3177	148	28	0.04	8.34	110
D09-57-P030	9570042	4.64	3 1-	FUS	0	0	1149	178	10	1	32	0.00	8.55	0
9570108	D09-57-P030	4.65	3 1-	2 ACSR 6/1	0	0	1147	178	10	1	1	0.00	8.55	0
9570037	9570042	4.69	87 3-	336 ACSR 18/1	1623	1477	1140	178	3166	148	28	0.04	8.39	95
D09-57-P294	9570037	4.69	6 1-	FUS-40	0	0	1140	178	22	2	8	0.00	6.88	0
9570077	D09-57-P294	4.72	6 1-	2 ACSR 6/1	0	0	1130	178	22	2	2	0.00	6.88	0
9570078	9570077	4.76	3 1-	2 ACSR 6/1	0	0	1120	177	12	1	1	0.00	6.88	0
9570079	9570078	4.82	2 1-	2 ACSR 6/1	0	0	1101	177	3	0	0	0.00	6.88	0
9570080	9570037	4.73	81 3-	336 ACSR 18/1	1615	1468	1134	178	3143	147	28	0.03	8.43	75
9570081	9570080	4.76	79 3-	336 ACSR 18/1	1607	1461	1127	178	3125	146	28	0.03	8.46	70
9570082	9570081	4.80	78 3-	336 ACSR 18/1	1598	1453	1120	178	3117	146	28	0.03	8.50	79
9570115	9570082	4.82	1 1-	2 ACSR 6/1	0	0	1116	178	4	0	0	0.00	6.97	0
9570116	9570115	4.93	1 1-	15 KV 2 URD XLP	0	0	1086	403	4	0	0	0.00	6.97	0
9570117	9570116	4.96	0 1-	15 KV 2 URD XLP	0	0	1078	402	0	0	0	0.00	6.97	0
9570114	9570116	4.96	0 1-	15 KV 2 URD XLP	0	0	1078	402	0	0	0	0.00	6.97	0
9570124	9570082	4.85	77 3-	336 ACSR 18/1	1586	1442	1111	178	3112	145	28	0.04	8.56	104
9570083	9570124	4.94	76 3-	336 ACSR 18/1	1569	1425	1097	177	3105	145	27	0.06	8.64	159
D09-57-P024	9570083	4.94	2 1-	FUS-40	0	0	1097	177	11	1	4	0.00	7.07	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9570119	D09-57-P024	4.99	2 1-	15 KV 2 URD XLP	0	0	1083	405	11	1	1	0.00	7.08	0
9570120	9570119	5.04	1 1-	15 KV 2 URD XLP	0	0	1072	402	9	1	1	0.00	7.08	0
9570088	9570083	5.00	5 1-	2 ACSR 6/1	0	0	1079	177	26	3	2	0.01	9.02	0
9570089	9570088	5.07	4 1-	2 ACSR 6/1	0	0	1061	176	17	2	1	0.00	9.03	0
9570052	9570089	5.38	3 1-	2 ACSR 6/1	0	0	981	174	13	1	1	0.02	9.04	0
9670047	9570052	5.42	3 1-	2 ACSR 6/1	0	0	973	174	13	1	1	0.00	9.04	0
9670034	9570052	5.47	0 1-	2 ACSR 6/1	0	0	961	173	0	0	0	0.00	9.04	0
9570084	9570083	5.02	68 3-	336 ACSR 18/1	1551	1409	1084	177	3060	143	27	0.06	8.73	154
D09-57-P116	9570084	5.02	41 1-	REC-50-4H	0	0	1084	177	197	26	53	0.00	7.14	0
9570121	D09-57-P116	5.05	41 1-	2 ACSR 6/1	0	0	1075	177	197	26	15	0.02	7.16	4
9570122	9570121	5.08	40 1-	2 ACSR 6/1	0	0	1065	177	193	25	14	0.03	7.19	4
9570049	9570122	5.11	7 1-	2 ACSR 6/1	0	0	1057	176	36	4	3	0.00	7.19	0
9570050	9570049	5.17	5 1-	2 ACSR 6/1	0	0	1042	176	29	3	2	0.00	7.20	0
9570053	9570050	5.21	3 1-	2 ACSR 6/1	0	0	1032	176	18	2	1	0.00	7.20	0
9570061	9570122	5.20	33 1-	2 ACSR 6/1	0	0	1034	176	157	20	12	0.07	7.26	9
9570070	9570061	5.23	31 1-	2 ACSR 6/1	0	0	1026	176	140	18	10	0.01	7.27	2
9570071	9570070	5.27	31 1-	2 ACSR 6/1	0	0	1017	175	140	18	10	0.02	7.29	2
9570072	9570071	5.33	20 1-	2 ACSR 6/1	0	0	1001	175	116	15	9	0.03	7.32	3
9570073	9570072	5.37	18 1-	2 ACSR 6/1	0	0	993	175	105	14	8	0.01	7.33	1
9570074	9570073	5.41	17 1-	2 ACSR 6/1	0	0	983	174	94	12	7	0.01	7.35	0
9570075	9570074	5.62	11 1-	2 ACSR 6/1	0	0	936	173	64	8	5	0.05	7.39	2
9570066	9570075	5.67	4 1-	2 ACSR 6/1	0	0	924	172	25	3	2	0.00	7.40	0
9570090	9570066	5.74	2 1-	2 ACSR 6/1	0	0	911	172	16	2	1	0.00	7.40	0
9570065	9570075	5.67	5 1-	2 ACSR 6/1	0	0	925	172	25	3	2	0.00	7.40	0
9570064	9570065	5.70	3 1-	2 ACSR 6/1	0	0	918	172	18	2	1	0.00	7.40	0
9570067	9570074	5.46	1 1-	2 ACSR 6/1	0	0	971	174	10	1	1	0.00	7.35	0
9570063	9570073	5.41	1 1-	2 ACSR 6/1	0	0	983	174	12	1	1	0.00	7.33	0
9570098	9570071	5.47	11 1-	2 ACSR 6/1	0	0	969	174	24	3	2	0.02	7.31	0
9570095	9570098	5.53	11 1-	2 ACSR 6/1	0	0	954	173	24	3	2	0.00	7.31	0
9570096	9570095	5.59	2 1-	2 ACSR 6/1	0	0	942	173	1	0	0	0.00	7.31	0
9570097	9570061	5.25	1 1-	2 ACSR 6/1	0	0	1022	175	9	1	1	0.00	7.26	0
9570062	9570061	5.25	0 1-	2 ACSR 6/1	0	0	1023	175	0	0	0	0.00	7.26	0
9570106	9570084	5.10	27 3-	336 ACSR 18/1	1533	1392	1069	177	2862	135	25	0.08	8.81	148
C09-57-P118	9570106	5.10	0 3-	Capacitor	1533	1392	1069	177	0	-12	0	0.00	8.81	0
9570107	9570106	5.35	27 3-	336 ACSR 18/1	1484	1346	1031	176	2860	139	26	0.27	9.09	450
9570054	9570107	5.41	2 3-	336 ACSR 18/1	1473	1335	1022	176	366	18	3	0.01	9.10	2
9570950	9570054	5.41	2 3-	Consumer	1473	1335	1022	176	366	18	0	0.00	9.10	0
9570043	9570054	5.44	0 3-	15 KV 2 URD XLP	1467	1329	1018	399	0	0	0	0.00	9.10	0
9570051	9570107	5.38	25 3-	336 ACSR 18/1	1479	1341	1027	176	2490	121	23	0.02	9.11	36
9570094	9570051	5.40	2 3-	336 ACSR 18/1	1474	1337	1023	176	614	30	6	0.01	9.12	2
9570091	9570094	5.42	2 3-	336 ACSR 18/1	1470	1333	1020	176	614	30	6	0.01	9.13	2
9570700	9570091	5.42	2 3-	Consumer	1470	1333	1020	176	614	30	0	0.00	9.13	0
9570038	9570051	5.41	23 3-	336 ACSR 18/1	1472	1335	1022	176	1875	90	17	0.02	9.14	27
9570040	9570038	5.49	21 3-	336 ACSR 18/1	1458	1321	1011	176	1548	74	14	0.04	9.18	43
9570058	9570040	5.58	1 1-	2 ACSR 6/1	0	0	990	175	2	0	0	0.00	7.40	0
9570126	9570058	5.66	0 1-	2 ACSR 6/1	0	0	971	175	0	0	0	0.00	7.40	0
9570109	9570126	5.72	0 1-	2 ACSR 6/1	0	0	957	174	0	0	0	0.00	7.40	0
9570111	9570109	5.78	0 1-	2 ACSR 6/1	0	0	945	174	0	0	0	0.00	7.40	0
9570110	9570109	5.78	0 1-	2 ACSR 6/1	0	0	945	174	0	0	0	0.00	7.40	0
9570041	9570040	5.53	20 3-	336 ACSR 18/1	1449	1313	1004	176	1545	74	14	0.02	9.21	26
9570113	9570041	5.60	3 3-	336 ACSR 18/1	1437	1302	995	176	79	3	1	0.00	9.21	0
9570125	9570113	5.63	2 1-	2 ACSR 6/1	0	0	988	176	2	0	0	0.00	10.37	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9570112	9570113	5.66	1 3-	336 ACSR 18/1	1426	1292	986	176	77	3	1	0.00	9.21	0
9570056	9570041	5.60	17 3-	336 ACSR 18/1	1438	1303	995	176	1466	70	13	0.03	9.24	31
9570057	9570056	5.66	16 3-	336 ACSR 18/1	1426	1292	986	176	1466	70	13	0.03	9.27	33
9570055	9570057	5.83	3 3-	336 ACSR 18/1	1397	1265	964	175	23	1	0	0.00	9.27	0
9570990	9570055	5.83	2 3-	Consumer	1397	1265	964	175	8	0	0	0.00	9.27	0
9570118	9570055	5.97	1 3-	1/0 ACSR 6/1	1360	1230	939	175	15	0	0	0.00	9.27	0
9570044	9570057	5.92	13 3-	336 ACSR 18/1	1381	1250	952	175	1443	69	13	0.12	9.41	129
9670037	9570044	6.18	13 3-	336 ACSR 18/1	1339	1211	920	174	1441	69	13	0.12	9.54	127
9670076	9670037	6.31	10 3-	336 ACSR 18/1	1319	1192	905	174	394	19	4	0.01	9.56	13
9670079	9670076	6.37	0 3-	336 ACSR 18/1	1310	1184	898	174	0	0	0	0.00	9.56	0
09-67-P167-B	9670079	6.37	0 3-	Open	1310	1184	898	174	0	0	0	0.00	9.56	0
9670077	9670076	6.35	10 3-	336 ACSR 18/1	1314	1187	901	174	393	19	4	0.00	9.57	3
9670060	9670077	6.44	1 1-	15 KV 2 URD XLP	0	0	885	381	71	10	6	0.02	10.60	0
9670053	9670077	6.39	9 3-	15 KV 2 URD XLP	1305	1178	895	383	322	15	9	0.00	9.59	15
9670054	9670053	6.46	9 3-	15 KV 2 URD XLP	1292	1166	888	381	322	15	9	0.00	9.61	20
9670052	9670054	6.55	9 3-	15 KV 2 URD XLP	1276	1150	877	377	322	15	9	0.00	9.65	27
9670059	9670052	6.58	3 3-	15 KV 2 URD XLP	1270	1144	874	376	272	13	8	0.00	9.66	3
9670010	9670059	6.58	2 3-	Consumer	1270	1144	874	376	110	5	0	0.00	9.66	0
9670051	9670052	6.60	6 3-	15 KV 2 URD XLP	1266	1141	871	375	49	-2	1	0.00	9.65	0
9670084	9670051	6.63	2 3-	15 KV 2 URD XLP	1260	1134	868	374	38	-1	1	0.00	9.66	0
9670087	9670084	6.84	1 1-	2 ACSR 6/1	0	0	831	170	0	0	0	0.00	10.83	0
9670088	9670084	6.69	1 3-	2 ACSR 6/1	1245	1120	858	171	38	1	1	0.00	9.66	0
9670089	9670088	6.71	0 1-	2 ACSR 6/1	0	0	853	171	0	0	0	0.00	10.84	0
D09-67-P173	9670089	6.71	0 1-	FUS	0	0	853	171	0	0	0	0.00	10.84	0
9670085	D09-67-P173	6.80	0 1-	2 ACSR 6/1	0	0	838	170	0	0	0	0.00	10.84	0
9670083	9670085	6.86	0 1-	2 ACSR 6/1	0	0	827	170	0	0	0	0.00	10.84	0
9670050	9670051	6.63	4 1-	15 KV 2 URD XLP	0	0	866	374	11	1	1	0.00	10.83	0
9670048	9670037	6.22	3 3-	336 ACSR 18/1	1333	1205	915	174	1047	49	9	0.01	9.56	9
NEW LP7	9670048	6.22	1 3-	Consumer	0	0	0	0	1025	48	0	0.00	9.56	0
9570039	9570038	5.44	2 3-	336 ACSR 18/1	1466	1329	1017	176	328	16	3	0.00	9.14	0
9570970	9570039	5.44	2 3-	Consumer	1466	1329	1017	176	328	16	0	0.00	9.14	0
9570092	9570039	5.47	0 3-	15 KV 2 URD XLP	1460	1324	1014	399	0	0	0	0.00	9.14	0
9570093	9570092	5.47	0 3-	15 KV 2 URD XLP	1460	1323	1013	398	0	0	0	0.00	9.14	0
9380147	9380087	2.95	1 1-	2 ACSR 6/1	0	0	1572	182	9	1	1	0.00	7.30	0
9380085	9380084	2.94	9 3-	1/0 3PSC	2154	1977	1569	182	247	11	5	0.02	6.09	3
D09-38-P032	9380085	2.94	4 3-	FUS	2154	1977	1569	182	212	10	236	0.00	6.09	0
9380094	D09-38-P032	2.98	4 3-	1/0 3PSC	2132	1953	1544	181	212	10	5	0.01	6.10	1
9380076	9380094	3.05	0 1-	15 KV 2 URD XLP	0	0	1511	434	0	0	0	0.00	5.97	0
9380088	9380094	3.00	4 3-	2 ACSR 6/1	2121	1941	1536	181	212	10	6	0.00	6.11	0
9380610	9380088	3.00	2 3-	Consumer	2121	1941	1536	181	208	10	0	0.00	6.11	0
9380097	9380085	3.08	5 1-	2 ACSR 6/1	0	0	1490	181	35	4	3	0.02	5.98	0
9480007	9380097	3.10	2 1-	2 ACSR 6/1	0	0	1482	181	16	2	1	0.00	5.98	0
9480008	9480007	3.14	1 1-	2 ACSR 6/1	0	0	1459	180	8	1	1	0.00	5.98	0
9480006	9380097	3.14	3 1-	2 ACSR 6/1	0	0	1462	180	19	2	1	0.00	5.98	0
9480004	9480006	3.19	2 1-	2 ACSR 6/1	0	0	1433	180	12	1	1	0.00	5.99	0
9480005	9480004	3.28	2 1-	15 KV 2 URD XLP	0	0	1394	422	12	1	1	0.00	5.99	0
9380180	9380161	2.70	1 1-	2 ACSR 6/1	0	0	1661	182	3	0	0	0.00	6.86	0
9380096	9380095	2.45	13 1-	2 ACSR 6/1	0	0	1765	183	76	10	6	0.01	6.46	0
9380136	9380096	2.49	13 1-	15 KV 2 URD XLP	0	0	1743	446	76	10	6	0.01	6.47	0
9380134	9380136	2.53	1 1-	15 KV 2 URD XLP	0	0	1714	443	7	0	1	0.00	6.47	0
9380135	9380136	2.56	10 1-	2 ACSR 6/1	0	0	1691	182	56	7	4	0.02	6.49	0
9380132	9380135	2.62	4 1-	15 KV 2 URD XLP	0	0	1658	439	17	2	1	0.00	6.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9380133	9380135	2.64	5 1-	15 KV 2 URD XLP	0	0	1642	437	36	4	3	0.01	6.50	0
9380131	9380133	2.70	1 1-	15 KV 2 URD XLP	0	0	1608	434	1	0	0	0.00	6.50	0
9380130	9380133	2.71	2 1-	15 KV 2 URD XLP	0	0	1603	433	20	2	2	0.01	6.50	0
9380129	9380130	2.75	1 1-	15 KV 2 URD XLP	0	0	1579	431	11	1	1	0.00	6.50	0
9380074	9380130	2.77	1 1-	15 KV 2 URD XLP	0	0	1569	430	9	1	1	0.00	6.50	0
9280233	9280229	1.87	1 3-	2 ACSR 6/1	2702	2520	2078	184	6	0	0	0.00	4.54	0
9280232	9280233	1.90	1 3-	25 KV 1/0 URD X	2683	2502	2063	458	6	0	0	0.00	4.54	0
9280174	9280235	1.13	3 1-	2 ACSR 6/1	0	0	2761	186	11	1	1	0.00	3.31	0
9280087	9280172	1.00	20 1-	2 ACSR 6/1	0	0	2962	187	110	14	8	0.02	2.47	1
D09-28-P069	9280087	1.00	20 1-	REC-50-L	0	0	2962	187	110	14	28	0.00	2.47	0
9280164	D09-28-P069	1.04	20 1-	2 ACSR 6/1	0	0	2884	187	110	14	8	0.02	2.49	1
9280165	9280164	1.15	19 1-	2 ACSR 6/1	0	0	2685	186	106	13	8	0.04	2.53	4
9280145	9280165	1.22	1 1-	15 KV 2 URD XLP	0	0	2581	466	7	0	1	0.00	2.53	0
9280166	9280165	1.20	1 1-	2 ACSR 6/1	0	0	2600	185	10	1	1	0.00	2.53	0
9280167	9280165	1.27	16 1-	2 ACSR 6/1	0	0	2487	185	88	11	6	0.04	2.57	3
9280168	9280167	1.30	15 1-	2 ACSR 6/1	0	0	2453	185	79	10	6	0.01	2.58	0
9280188	9280168	1.33	13 1-	2 ACSR 6/1	0	0	2400	184	65	8	5	0.01	2.58	0
9280189	9280188	1.40	12 1-	2 ACSR 6/1	0	0	2304	184	61	7	4	0.01	2.60	0
9280190	9280189	1.47	10 1-	2 ACSR 6/1	0	0	2216	183	52	6	4	0.01	2.61	0
9280201	9280190	1.58	9 1-	2 ACSR 6/1	0	0	2098	182	52	6	4	0.02	2.63	0
9280202	9280201	1.60	8 1-	2 ACSR 6/1	0	0	2071	182	50	6	4	0.00	2.64	0
9280191	9280202	1.63	6 1-	2 ACSR 6/1	0	0	2039	182	42	5	3	0.00	2.64	0
9280192	9280191	1.66	5 1-	2 ACSR 6/1	0	0	2009	182	36	4	3	0.00	2.64	0
9180091	9280192	1.69	1 1-	2 ACSR 6/1	0	0	1983	182	6	0	0	0.00	2.64	0
9180058	9280192	1.69	2 1-	2 ACSR 6/1	0	0	1980	181	25	3	2	0.00	2.65	0
9180059	9180058	1.73	1 1-	2 ACSR 6/1	0	0	1944	181	15	1	1	0.00	2.65	0
9280175	9280168	1.36	2 1-	2 ACSR 6/1	0	0	2369	184	14	1	1	0.00	2.58	0
9280237	9280175	1.39	1 1-	2 ACSR 6/1	0	0	2328	184	6	0	0	0.00	2.58	0
9270073	9270034	0.63	2 1-	2 ACSR 6/1	0	0	3656	188	7	0	1	0.00	1.31	0
9270094	9270036	0.52	5 1-	2 ACSR 6/1	0	0	3896	188	68	9	5	0.01	1.57	0
D09-27-P015	9270094	0.52	4 1-	FUS	0	0	3896	188	65	8	196	0.00	1.57	0
9270097	D09-27-P015	0.58	4 1-	2 ACSR 6/1	0	0	3712	188	65	8	5	0.02	1.58	0
9270120	9270097	0.72	4 1-	15 KV 2 URD XLP	0	0	3358	477	65	8	5	0.05	1.63	3
9270119	9270120	0.77	4 1-	15 KV 2 URD XLP	0	0	3239	474	65	8	5	0.02	1.65	0
9270102	9270119	0.85	4 1-	15 KV 2 URD XLP	0	0	3073	468	65	8	5	0.02	1.68	1
9270098	9270102	0.90	4 1-	15 KV 2 URD XLP	0	0	2961	465	65	8	5	0.02	1.69	0
9270103	9270098	0.95	4 1-	15 KV 2 URD XLP	0	0	2850	461	65	8	5	0.02	1.71	0
9270104	9270103	1.02	4 1-	15 KV 2 URD XLP	0	0	2729	457	65	8	5	0.02	1.73	1
9270100	9270104	1.08	2 1-	15 KV 2 URD XLP	0	0	2601	452	12	1	1	0.00	1.74	0
9270105	9270100	1.15	2 1-	15 KV 2 URD XLP	0	0	2488	448	12	1	1	0.00	1.74	0
9270106	9270105	1.23	1 1-	15 KV 2 URD XLP	0	0	2366	443	12	1	1	0.00	1.74	0
9270101	9270104	1.05	2 1-	15 KV 2 URD XLP	0	0	2657	454	52	7	4	0.01	1.74	0
9270096	9270094	0.66	1 1-	2 ACSR 6/1	0	0	3501	187	3	0	0	0.00	1.57	0
9270062	9270037	0.36	1 1-	2 ACSR 6/1	0	0	4354	189	8	0	1	0.00	1.05	0
9270069	9270068	0.24	20 1-	2 ACSR 6/1	0	0	4787	189	83	10	6	0.01	0.55	0
D09-27-P010	9270069	0.24	1 1-	FUS	0	0	4787	189	2	0	7	0.00	0.55	0
9270052	D09-27-P010	0.28	1 1-	15 KV 2 URD XLP	0	0	4617	495	2	0	0	0.00	0.55	0
9270076	9270069	0.35	18 1-	2 ACSR 6/1	0	0	4303	188	76	9	5	0.03	0.58	2
9370136	9270076	0.41	13 1-	15 KV 2 URD XLP	0	0	4108	487	59	7	4	0.02	0.59	0
9370149	9370136	0.46	0 1-	15 KV 2 URD XLP	0	0	3931	483	0	0	0	0.00	0.59	0
9370137	9370136	0.44	12 1-	15 KV 2 URD XLP	0	0	3991	485	57	7	4	0.01	0.60	0
9370138	9370137	0.52	10 1-	15 KV 2 URD XLP	0	0	3754	479	45	5	3	0.01	0.61	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9370139	9370138	0.61	6 1- 15	KV 2 URD XLP	0	0	3485	473	31	3	2	0.01	0.63	0
9370147	9370139	0.72	2 1- 15	KV 2 URD XLP	0	0	3181	465	14	1	1	0.00	0.63	0
9370141	9370139	0.65	1 1- 15	KV 2 URD XLP	0	0	3368	470	3	0	0	0.00	0.63	0
9370140	9370139	0.66	1 1- 15	KV 2 URD XLP	0	0	3354	469	4	0	0	0.00	0.63	0
9370144	9270076	0.40	3 1- 15	KV 2 URD XLP	0	0	4130	488	12	1	1	0.00	0.58	0
CKT 2 total losses:		\$1,546												
SUB 48, CKT 3														
BK4803	NORTHCORBIN(48)	0.00	775 3-	BK4803	5710	5777	5903	190	4541	190	56	0.00	0.00	0
9370071	BK4803	0.03	775 3-	4/0 ACSR 6/1	5628	5685	5765	190	4541	190	56	0.05	0.04	136
9370082	9370071	0.67	775 3-	4/0 ACSR 6/1	4090	3962	3561	188	4540	190	56	1.33	1.04	3423
9270074	9370082	0.82	775 3-	4/0 ACSR 6/1	3848	3703	3274	188	4508	190	56	0.29	1.26	763
9280173	9270074	0.93	775 3-	4/0 ACSR 6/1	3684	3529	3087	187	4501	190	56	0.22	1.43	571
9280088	9280173	1.62	739 3-	4/0 ACSR 6/1	2886	2707	2255	185	4266	180	53	1.30	2.42	3296
9280182	9280088	1.65	739 3-	4/0 ACSR 6/1	2857	2677	2226	185	4235	180	53	0.06	2.46	155
9280183	9280182	1.70	738 3-	4/0 ACSR 6/1	2814	2634	2185	185	4231	180	53	0.09	2.53	233
9280185	9280183	1.91	737 3-	4/0 ACSR 6/1	2640	2460	2020	184	4223	180	53	0.39	2.83	1012
9280186	9280185	2.01	734 3-	4/0 ACSR 6/1	2571	2392	1957	184	4183	178	53	0.17	2.96	431
9280158	9280186	2.07	728 3-	4/0 ACSR 6/1	2522	2344	1913	183	4138	176	52	0.12	3.05	311
9280169	9280158	2.11	727 3-	4/0 ACSR 6/1	2500	2322	1893	183	4127	176	52	0.06	3.10	143
9280170	9280169	2.14	726 3-	4/0 ACSR 6/1	2476	2299	1871	183	4121	176	52	0.06	3.14	161
9280118	9280170	2.17	86 3-	2 ACSR 6/1	2449	2271	1848	183	532	22	13	0.02	3.16	9
D09-28-P170	9280118	2.17	86 3-	REC-35-L	2449	2271	1848	183	532	22	66	0.00	3.16	0
9280159	D09-28-P170	2.30	86 3-	2 ACSR 6/1	2324	2142	1745	182	532	22	13	0.08	3.23	45
9280160	9280159	2.47	85 3-	2 ACSR 6/1	2181	1997	1630	181	531	22	13	0.10	3.32	56
9180038	9280160	2.57	23 1-	2 ACSR 6/1	0	0	1568	180	155	20	11	0.06	4.42	7
9280197	9180038	2.61	1 1-	2 ACSR 6/1	0	0	1543	180	10	1	1	0.00	4.42	0
9280198	9280197	2.65	1 1-	2 ACSR 6/1	0	0	1520	179	10	1	1	0.00	4.42	0
9280193	9180038	2.65	22 1-	2 ACSR 6/1	0	0	1521	179	145	18	10	0.04	4.46	5
9280204	9280193	2.68	11 1-	2 ACSR 6/1	0	0	1502	179	63	8	5	0.01	4.47	0
9280146	9280204	2.74	9 1-	2 ACSR 6/1	0	0	1468	179	51	6	4	0.01	4.48	0
9280147	9280146	2.79	6 1-	2 ACSR 6/1	0	0	1444	178	33	4	2	0.01	4.48	0
9280149	9280147	2.98	2 1-	2 ACSR 6/1	0	0	1351	177	17	2	1	0.01	4.49	0
9280148	9280147	2.84	3 1-	2 ACSR 6/1	0	0	1419	178	11	1	1	0.00	4.48	0
9280187	9280193	2.69	11 1-	2 ACSR 6/1	0	0	1497	179	82	10	6	0.01	4.47	0
9280196	9280187	2.72	10 1-	2 ACSR 6/1	0	0	1480	179	73	9	5	0.01	4.48	0
9280195	9280196	2.81	4 1-	2 ACSR 6/1	0	0	1431	178	23	2	2	0.01	4.49	0
9280207	9280195	2.84	2 1-	2 ACSR 6/1	0	0	1419	178	14	1	1	0.00	4.49	0
9280203	9280207	2.95	1 1-	2 ACSR 6/1	0	0	1362	177	9	1	1	0.00	4.49	0
9280194	9280196	2.76	4 1-	2 ACSR 6/1	0	0	1458	179	30	3	2	0.00	4.48	0
9280200	9280194	2.81	3 1-	2 ACSR 6/1	0	0	1432	178	19	2	1	0.00	4.49	0
9280199	9280200	2.86	1 1-	2 ACSR 6/1	0	0	1406	178	6	0	0	0.00	4.49	0
9180039	9280160	2.56	61 3-	2 ACSR 6/1	2107	1923	1571	180	373	16	9	0.00	3.36	19
9180040	9180039	2.61	61 3-	2 ACSR 6/1	2068	1884	1541	180	373	16	9	0.00	3.38	10
9180051	9180040	2.69	59 3-	2 ACSR 6/1	2012	1829	1497	179	356	15	9	0.00	3.40	15
9180050	9180051	2.75	8 1-	2 ACSR 6/1	0	0	1464	179	54	7	4	0.01	3.59	0
9180084	9180050	2.81	5 1-	2 ACSR 6/1	0	0	1430	178	40	5	3	0.01	3.59	0
9180071	9180084	2.88	4 1-	2 ACSR 6/1	0	0	1398	178	32	4	2	0.00	3.60	0
9180092	9180071	2.99	1 1-	2 ACSR 6/1	0	0	1347	177	7	0	1	0.00	3.60	0
9180041	9180051	2.77	31 1-	2 ACSR 6/1	0	0	1456	178	178	23	13	0.05	3.62	7
9180072	9180041	2.85	31 1-	2 ACSR 6/1	0	0	1414	178	178	23	13	0.05	3.68	7
9180085	9180072	2.94	30 1-	2 ACSR 6/1	0	0	1368	177	164	21	12	0.05	3.73	7

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9180086	9180085	3.03	29 1-	2 ACSR 6/1	0	0	1328	177	152	19	11	0.05	3.78	6
9180067	9180086	3.15	27 1-	2 ACSR 6/1	0	0	1274	176	131	16	9	0.06	3.84	6
9180090	9180067	3.20	2 1-	2 ACSR 6/1	0	0	1253	175	7	0	1	0.00	3.84	0
9180077	9180067	3.21	22 1-	2 ACSR 6/1	0	0	1249	175	98	12	7	0.02	3.86	2
9180078	9180077	3.26	20 1-	2 ACSR 6/1	0	0	1230	175	92	11	7	0.02	3.87	1
D09-18-P033	9180078	3.26	14 1-	REC-25-H	0	0	1230	175	68	8	35	0.00	3.87	0
9180080	D09-18-P033	3.44	14 1-	2 ACSR 6/1	0	0	1165	174	68	8	5	0.04	3.92	2
9180081	9180080	3.62	13 1-	2 ACSR 6/1	0	0	1104	172	68	8	5	0.05	3.96	3
9180061	9180081	3.64	6 1-	2 ACSR 6/1	0	0	1099	172	28	3	2	0.00	3.97	0
9180070	9180061	3.70	4 1-	2 ACSR 6/1	0	0	1079	172	19	2	1	0.00	3.97	0
9180074	9180070	3.74	3 1-	2 ACSR 6/1	0	0	1068	171	15	1	1	0.00	3.97	0
9180075	9180074	3.76	1 1-	2 ACSR 6/1	0	0	1061	171	5	0	0	0.00	3.97	0
9180073	9180074	3.78	2 1-	2 ACSR 6/1	0	0	1055	171	10	1	1	0.00	3.97	0
9180069	9180061	3.66	2 1-	2 ACSR 6/1	0	0	1091	172	8	1	1	0.00	3.97	0
9180065	9180081	3.76	7 1-	2 ACSR 6/1	0	0	1060	171	40	5	3	0.02	3.98	0
9080032	9180065	3.88	2 1-	2 ACSR 6/1	0	0	1028	170	5	0	0	0.00	3.98	0
9180064	9080032	4.01	1 1-	2 ACSR 6/1	0	0	992	170	4	0	0	0.00	3.99	0
9080031	9180065	3.83	1 1-	2 ACSR 6/1	0	0	1040	171	14	1	1	0.00	3.98	0
9080030	9180065	3.84	3 1-	2 ACSR 6/1	0	0	1037	171	11	1	1	0.00	3.99	0
9080018	9080030	3.94	2 1-	2 ACSR 6/1	0	0	1011	170	4	0	0	0.00	3.99	0
9080017	9080030	3.91	1 1-	2 ACSR 6/1	0	0	1020	170	7	0	1	0.00	3.99	0
9180079	9180078	3.31	4 1-	2 ACSR 6/1	0	0	1211	174	18	2	1	0.00	3.88	0
9180068	9180079	3.37	1 1-	2 ACSR 6/1	0	0	1190	174	4	0	0	0.00	3.88	0
9180095	9180068	3.54	0 1-	2 ACSR 6/1	0	0	1131	173	0	0	0	0.00	3.88	0
9180093	9180067	3.17	3 1-	2 ACSR 6/1	0	0	1265	175	25	3	2	0.00	3.84	0
9180094	9180093	3.23	2 1-	2 ACSR 6/1	0	0	1243	175	15	2	1	0.00	3.84	0
9180096	9180094	3.32	1 1-	2 ACSR 6/1	0	0	1209	174	9	1	1	0.00	3.84	0
9180066	9180086	3.10	1 1-	2 ACSR 6/1	0	0	1297	176	6	0	0	0.00	3.78	0
9180052	9180051	2.79	19 3-	2 ACSR 6/1	1944	1762	1445	178	113	4	3	0.03	3.42	2
9180053	9180052	2.86	19 3-	2 ACSR 6/1	1897	1716	1408	178	113	4	3	0.02	3.42	2
9180057	9180053	2.92	19 3-	2 ACSR 6/1	1855	1675	1377	177	113	4	3	0.02	3.43	1
9180056	9180057	2.97	3 1-	2 ACSR 6/1	0	0	1355	177	21	2	2	0.00	3.61	0
9180049	9180056	3.05	1 1-	2 ACSR 6/1	0	0	1317	176	12	1	1	0.00	3.61	0
9180082	9180049	3.11	0 1-	2 ACSR 6/1	0	0	1290	176	0	0	0	0.00	3.61	0
9180083	9180082	3.18	0 1-	2 ACSR 6/1	0	0	1263	175	0	0	0	0.00	3.61	0
9180076	9180049	3.10	1 1-	2 ACSR 6/1	0	0	1296	176	12	1	1	0.00	3.61	0
9180055	9180057	2.97	13 1-	2 ACSR 6/1	0	0	1353	177	82	10	6	0.01	4.45	0
9180042	9180055	3.02	12 1-	2 ACSR 6/1	0	0	1330	177	73	9	5	0.01	4.46	0
9180044	9180042	3.08	10 1-	2 ACSR 6/1	0	0	1305	176	64	8	5	0.01	4.48	0
9180045	9180044	3.13	10 1-	2 ACSR 6/1	0	0	1284	176	64	8	5	0.01	4.49	0
9180046	9180045	3.16	10 1-	2 ACSR 6/1	0	0	1270	176	64	8	5	0.01	4.50	0
9180047	9180046	3.20	10 1-	2 ACSR 6/1	0	0	1254	175	64	8	5	0.01	4.51	0
9180060	9180047	3.33	8 1-	2 ACSR 6/1	0	0	1205	174	45	5	3	0.02	4.52	0
9280105	9180060	3.35	6 1-	2 ACSR 6/1	0	0	1195	174	31	4	2	0.00	4.53	0
9280106	9280105	3.40	5 1-	2 ACSR 6/1	0	0	1180	174	22	2	2	0.00	4.53	0
9280116	9280106	3.43	4 1-	2 ACSR 6/1	0	0	1166	174	21	2	1	0.00	4.53	0
9280117	9280116	3.58	1 1-	2 ACSR 6/1	0	0	1116	173	5	0	0	0.00	4.53	0
9180048	9180047	3.24	2 1-	2 ACSR 6/1	0	0	1237	175	19	2	1	0.00	4.51	0
9180043	9180042	3.06	0 1-	2 ACSR 6/1	0	0	1311	176	0	0	0	0.00	4.46	0
9180054	9180057	2.96	2 1-	2 ACSR 6/1	0	0	1361	177	3	0	0	0.00	4.44	0
9280103	9280170	2.44	390 3-	4/0 ACSR 6/1	2287	2113	1702	182	2114	91	27	0.30	3.38	387
9290080	9280103	2.59	285 3-	4/0 ACSR 6/1	2203	2032	1630	182	1484	63	19	0.10	3.46	114

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10220095	10220052	4.01	205 3-	4/0 ACSR 6/1	1635	1489	1160	177	999	43	13	0.05	4.07	38
10320176	10220095	4.05	52 1-	2 ACSR 6/1	0	0	1148	177	272	35	20	0.04	3.80	8
10220056	10320176	4.07	51 1-	2 ACSR 6/1	0	0	1141	177	271	35	20	0.02	3.82	5
10220053	10220056	4.11	50 1-	2 ACSR 6/1	0	0	1130	176	268	34	19	0.04	3.86	8
D10-22-P010	10220053	4.11	50 1-	RBC-50-L	0	0	1130	176	268	34	70	0.00	3.86	0
10220057	D10-22-P010	4.14	50 1-	2 ACSR 6/1	0	0	1119	176	268	34	19	0.03	3.89	7
10220078	10220057	4.24	45 1-	2 ACSR 6/1	0	0	1088	175	243	31	18	0.09	3.99	18
10220079	10220078	4.29	44 1-	2 ACSR 6/1	0	0	1075	175	237	30	17	0.04	4.02	8
10220081	10220079	4.40	42 1-	2 ACSR 6/1	0	0	1045	174	225	29	16	0.09	4.11	16
10220071	10220081	4.47	2 1-	2 ACSR 6/1	0	0	1025	174	19	2	1	0.01	4.12	0
10220073	10220071	4.50	1 1-	2 ACSR 6/1	0	0	1018	173	10	1	1	0.00	4.12	0
10220072	10220071	4.55	1 1-	2 ACSR 6/1	0	0	1004	173	9	1	1	0.00	4.12	0
10220074	10220081	4.49	39 1-	2 ACSR 6/1	0	0	1021	173	202	26	15	0.07	4.18	11
10220076	10220074	4.57	36 1-	2 ACSR 6/1	0	0	999	173	190	24	14	0.06	4.24	9
10220082	10220076	4.65	35 1-	2 ACSR 6/1	0	0	979	172	185	24	13	0.05	4.30	8
10220084	10220082	4.73	33 1-	2 ACSR 6/1	0	0	961	172	178	23	13	0.05	4.35	7
10220085	10220084	4.83	32 1-	2 ACSR 6/1	0	0	938	171	172	22	12	0.06	4.41	9
10220088	10220085	4.91	2 1-	2 ACSR 6/1	0	0	921	170	16	2	1	0.00	4.41	0
10220087	10220085	4.90	28 1-	2 ACSR 6/1	0	0	923	171	141	18	10	0.03	4.45	4
10220064	10220087	4.99	11 1-	2 ACSR 6/1	0	0	904	170	64	8	5	0.02	4.47	0
10220065	10220064	5.06	10 1-	2 ACSR 6/1	0	0	889	169	57	7	4	0.01	4.48	0
10220066	10220065	5.11	9 1-	2 ACSR 6/1	0	0	880	169	46	6	3	0.01	4.49	0
10220068	10220066	5.15	8 1-	2 ACSR 6/1	0	0	872	169	45	5	3	0.01	4.49	0
D10-22-P040	10220068	5.15	0 1-	SEC-50-GH	0	0	872	169	0	0	0	0.00	4.49	0
10220069	D10-22-P040	5.23	0 1-	2 ACSR 6/1	0	0	857	168	0	0	0	0.00	4.49	0
10230005	10220069	5.33	0 1-	2 ACSR 6/1	0	0	838	168	0	0	0	0.00	4.49	0
D10-22-P040A	10220068	5.15	7 1-	SEC-50-GH	0	0	872	169	39	5	0	0.00	4.49	0
10220060	D10-22-P040A	5.27	7 1-	2 ACSR 6/1	0	0	850	168	39	5	3	0.02	4.51	0
10230006	10220060	5.38	6 1-	2 ACSR 6/1	0	0	829	167	33	4	2	0.01	4.52	0
10130015	10230006	5.48	5 1-	2 ACSR 6/1	0	0	812	167	30	3	2	0.01	4.53	0
10130016	10130015	5.53	4 1-	2 ACSR 6/1	0	0	804	166	27	3	2	0.01	4.54	0
10130018	10130016	5.69	2 1-	2 ACSR 6/1	0	0	777	165	10	1	1	0.01	4.54	0
10130019	10130018	5.85	2 1-	2 ACSR 6/1	0	0	753	164	10	1	1	0.00	4.55	0
10130011	10130019	6.25	1 1-	2 ACSR 6/1	0	0	698	161	6	0	0	0.00	4.55	0
10130017	10130016	5.59	2 1-	2 ACSR 6/1	0	0	793	166	17	2	1	0.00	4.54	0
10220067	10220066	5.22	1 1-	2 ACSR 6/1	0	0	859	168	1	0	0	0.00	4.49	0
10220090	10220087	5.02	17 1-	2 ACSR 6/1	0	0	899	170	77	10	6	0.03	4.48	2
10220091	10220090	5.05	17 1-	2 ACSR 6/1	0	0	891	169	77	10	6	0.01	4.49	0
10220092	10220091	5.10	15 1-	2 ACSR 6/1	0	0	882	169	67	8	5	0.01	4.50	0
10220094	10220092	5.15	9 1-	2 ACSR 6/1	0	0	872	169	36	4	3	0.01	4.51	0
10220100	10220094	5.18	1 1-	2 ACSR 6/1	0	0	866	169	8	1	1	0.00	4.51	0
10220061	10220094	5.24	8 1-	2 ACSR 6/1	0	0	854	168	28	3	2	0.01	4.51	0
10220101	10220061	5.28	6 1-	2 ACSR 6/1	0	0	847	168	24	3	2	0.00	4.52	0
10220103	10220101	5.32	0 1-	2 ACSR 6/1	0	0	839	168	0	0	0	0.00	4.52	0
10220102	10220101	5.41	6 1-	2 ACSR 6/1	0	0	823	167	24	3	2	0.01	4.53	0
10220048	10220102	5.48	4 1-	2 ACSR 6/1	0	0	812	167	15	1	1	0.00	4.53	0
10220063	10220048	5.52	1 1-	2 ACSR 6/1	0	0	805	166	4	0	0	0.00	4.53	0
10220051	10220048	5.64	3 1-	2 ACSR 6/1	0	0	785	165	11	1	1	0.00	4.54	0
10120083	10220051	5.70	1 1-	2 ACSR 6/1	0	0	776	165	1	0	0	0.00	4.54	0
10120084	10120083	6.01	0 1-	2 ACSR 6/1	0	0	730	163	0	0	0	0.00	4.54	0
10-12-P036-A	10120084	6.01	0 1-	Open	0	0	730	163	0	0	0	0.00	4.54	0
10220062	10220102	5.47	2 1-	2 ACSR 6/1	0	0	814	167	9	1	1	0.00	4.53	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10220093	10220092	5.15	3 1-	2 ACSR 6/1	0	0	872	169	18	2	1	0.00	4.50	0
10220086	10220085	4.89	1 1-	2 ACSR 6/1	0	0	926	171	5	0	0	0.00	4.41	0
10220049	10220086	4.95	0 1-	2 ACSR 6/1	0	0	912	170	0	0	0	0.00	4.41	0
10220089	10220086	4.93	1 1-	2 ACSR 6/1	0	0	916	170	5	0	0	0.00	4.41	0
10220083	10220082	4.73	1 1-	2 ACSR 6/1	0	0	961	172	5	0	0	0.00	4.30	0
10220075	10220074	4.59	1 1-	2 ACSR 6/1	0	0	995	173	8	1	1	0.00	4.18	0
10220080	10220079	4.35	1 1-	2 ACSR 6/1	0	0	1058	174	10	1	1	0.00	4.03	0
10220058	10220057	4.17	4 1-	2 ACSR 6/1	0	0	1110	176	14	1	1	0.00	3.89	0
10220059	10220058	4.26	2 1-	2 ACSR 6/1	0	0	1082	175	8	0	1	0.00	3.90	0
10220077	10220059	4.30	1 1-	2 ACSR 6/1	0	0	1073	175	7	0	1	0.00	3.90	0
10320164	10220095	4.07	152 3-	4/0 ACSR 6/1	1619	1474	1147	177	726	31	9	0.01	4.08	9
10320166	10320164	4.13	150 3-	4/0 ACSR 6/1	1601	1457	1133	177	721	31	9	0.01	4.10	11
10320167	10320166	4.19	4 1-	2 ACSR 6/1	0	0	1115	176	12	1	1	0.00	3.77	0
10320165	10320166	4.20	144 3-	4/0 ACSR 6/1	1580	1438	1117	176	692	30	9	0.01	4.12	12
10320153	10320165	4.27	138 3-	4/0 ACSR 6/1	1562	1420	1102	176	658	28	8	0.01	4.13	11
10320154	10320153	4.31	136 3-	4/0 ACSR 6/1	1550	1410	1093	176	655	28	8	0.01	4.14	7
10320086	10320154	4.41	135 3-	4/0 ACSR 6/1	1524	1384	1072	176	651	28	8	0.02	4.17	16
10320090	10320086	4.65	46 3-	4/0 ACSR 6/1	1465	1330	1027	175	227	9	3	0.05	4.19	6
10320091	10320090	4.74	43 3-	4/0 ACSR 6/1	1442	1308	1010	175	208	9	3	0.02	4.19	2
10320158	10320091	4.80	3 1-	2 ACSR 6/1	0	0	995	174	11	1	1	0.00	3.53	0
10320159	10320158	4.86	3 1-	2 ACSR 6/1	0	0	982	174	11	1	1	0.00	3.53	0
10320149	10320091	4.83	40 3-	4/0 ACSR 6/1	1422	1289	994	174	197	8	3	0.02	4.20	2
10330080	10320149	4.89	2 1-	2 ACSR 6/1	0	0	979	174	10	1	1	0.00	3.54	0
10330081	10330080	5.00	1 1-	2 ACSR 6/1	0	0	954	173	2	0	0	0.00	3.54	0
10330079	10320149	4.89	37 3-	4/0 ACSR 6/1	1409	1277	984	174	182	7	2	0.01	4.20	0
10330068	10330079	4.94	36 3-	4/0 ACSR 6/1	1399	1267	976	174	174	7	2	0.01	4.21	0
10330078	10330068	4.97	1 1-	2 ACSR 6/1	0	0	968	174	0	0	0	0.00	3.54	0
10330069	10330068	4.97	1 1-	2 ACSR 6/1	0	0	969	174	6	0	0	0.00	5.35	0
10330067	10330068	5.00	33 3-	4/0 ACSR 6/1	1385	1254	965	174	161	7	2	0.01	4.21	0
10330043	10330067	5.15	30 3-	4/0 ACSR 6/1	1352	1225	941	173	141	6	2	0.02	4.22	1
10330091	10330043	5.21	2 1-	2 ACSR 6/1	0	0	929	173	5	0	0	0.00	5.38	0
10330092	10330091	5.39	2 1-	2 ACSR 6/1	0	0	893	172	5	0	0	0.00	5.38	0
10330090	10330043	5.31	1 1-	2 ACSR 6/1	0	0	907	172	1	0	0	0.00	3.56	0
10330093	10330043	5.25	27 3-	4/0 ACSR 6/1	1334	1207	926	173	135	5	2	0.01	4.22	0
10330105	10330093	5.40	25 3-	4/0 ACSR 6/1	1303	1179	903	172	118	5	2	0.02	4.23	1
10330107	10330105	5.58	1 1-	2 ACSR 6/1	0	0	870	171	6	0	0	0.00	5.42	0
10330106	10330105	5.49	24 3-	4/0 ACSR 6/1	1287	1164	891	172	111	4	1	0.01	4.23	0
10330095	10330106	5.61	23 3-	4/0 ACSR 6/1	1266	1144	875	172	111	4	1	0.01	4.24	0
10330044	10330095	5.66	20 3-	4/0 ACSR 6/1	1255	1134	868	172	106	4	1	0.01	4.24	0
10330045	10330044	5.73	16 1-	2 ACSR 6/1	0	0	856	171	76	9	6	0.02	5.46	1
10330098	10330045	5.86	2 1-	2 ACSR 6/1	0	0	832	170	7	0	1	0.00	5.47	0
10330083	10330098	5.92	1 1-	2 ACSR 6/1	0	0	823	170	4	0	0	0.00	5.47	0
10330084	10330045	5.85	14 1-	2 ACSR 6/1	0	0	835	170	69	9	5	0.03	5.49	2
10330101	10330084	6.00	13 1-	2 ACSR 6/1	0	0	810	169	67	8	5	0.04	5.53	2
10430088	10330101	6.07	12 1-	2 ACSR 6/1	0	0	798	169	58	7	4	0.01	5.54	0
10430091	10430088	6.17	3 1-	2 ACSR 6/1	0	0	782	168	28	3	2	0.01	5.55	0
10430090	10430088	6.10	1 1-	2 ACSR 6/1	0	0	792	168	0	0	0	0.00	5.54	0
10430089	10430088	6.15	2 1-	2 ACSR 6/1	0	0	785	168	4	0	0	0.00	5.55	0
10430087	10430088	6.29	4 1-	2 ACSR 6/1	0	0	765	167	23	2	2	0.02	5.56	0
10330085	10430087	6.30	3 1-	2 ACSR 6/1	0	0	762	167	19	2	1	0.00	5.56	0
10330086	10330085	6.63	3 1-	2 ACSR 6/1	0	0	717	165	19	2	1	0.02	5.58	0
10340045	10330086	6.67	2 1-	2 ACSR 6/1	0	0	711	164	8	1	1	0.00	5.58	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10330100	10330044	5.78	4 3-	4/0 ACSR 6/1	1236	1116	853	171	30	1	0	0.00	4.24	0
10430085	10330100	5.83	2 1-	2 ACSR 6/1	0	0	843	171	15	1	0	0.00	3.59	0
10430086	10330100	5.78	0 3-	2 ACSR 6/1	1233	1114	851	171	0	0	0	0.00	4.24	0
10-43-P029-A	10430086	5.78	0 3-	Open	1233	1114	851	171	0	0	0	0.00	4.24	0
10330096	10330095	5.68	3 1-	2 ACSR 6/1	0	0	861	171	6	0	0	0.00	5.44	0
10330097	10330096	5.75	1 1-	2 ACSR 6/1	0	0	850	171	0	0	0	0.00	5.44	0
10330094	10330093	5.28	1 1-	2 ACSR 6/1	0	0	919	173	11	1	1	0.00	3.57	0
10330042	10330067	5.11	3 1-	2 ACSR 6/1	0	0	941	173	20	2	1	0.01	5.37	0
10330088	10330042	5.29	3 1-	2 ACSR 6/1	0	0	903	172	20	2	1	0.01	5.38	0
10330089	10330088	5.35	1 1-	2 ACSR 6/1	0	0	892	171	9	1	1	0.00	5.38	0
10330082	10330079	4.94	1 1-	2 ACSR 6/1	0	0	972	174	8	1	1	0.00	5.34	0
10320156	10320090	4.70	3 1-	2 ACSR 6/1	0	0	1013	174	19	2	1	0.00	5.30	0
10320157	10320156	4.74	1 1-	2 ACSR 6/1	0	0	1003	174	6	0	0	0.00	5.30	0
10320077	10320086	4.47	89 3-	2 ACSR 6/1	1501	1362	1056	175	424	18	10	0.01	4.19	14
10320137	10320077	4.55	5 1-	2 ACSR 6/1	0	0	1035	175	18	2	1	0.00	3.55	0
10320138	10320137	4.66	3 1-	2 ACSR 6/1	0	0	1006	174	11	1	1	0.00	3.55	0
10320139	10320138	4.73	0 1-	2 ACSR 6/1	0	0	989	173	0	0	0	0.00	3.55	0
10320140	10320138	4.73	2 1-	2 ACSR 6/1	0	0	990	173	9	1	1	0.00	3.56	0
10320141	10320140	4.82	1 1-	2 ACSR 6/1	0	0	969	173	4	0	0	0.00	3.56	0
10320065	10320141	5.02	0 1-	2 ACSR 6/1	0	0	923	171	0	0	0	0.00	3.56	0
10320078	10320077	4.55	81 3-	2 ACSR 6/1	1469	1330	1034	175	386	16	9	0.01	4.23	17
D10-32-P141	10320078	4.55	81 3-	REC-50-H	1469	1330	1034	175	386	16	33	0.00	4.23	0
10320066	D10-32-P141	4.57	81 3-	2 ACSR 6/1	1461	1323	1028	174	386	16	9	0.00	4.23	4
10320082	10320066	4.68	80 3-	2 ACSR 6/1	1422	1284	1001	174	383	16	9	0.01	4.28	20
10320084	10320082	4.75	74 3-	2 ACSR 6/1	1398	1261	984	173	342	14	8	0.01	4.30	10
10320070	10320084	4.79	68 3-	2 ACSR 6/1	1383	1246	974	173	325	14	8	0.01	4.31	6
10320072	10320070	4.83	67 3-	2 ACSR 6/1	1372	1236	966	173	316	13	8	0.01	4.32	4
10320073	10320072	4.87	17 1-	2 ACSR 6/1	0	0	956	172	100	13	7	0.02	5.32	1
10320074	10320073	4.91	1 1-	2 ACSR 6/1	0	0	948	172	2	0	0	0.00	5.32	0
10320075	10320073	4.92	14 1-	2 ACSR 6/1	0	0	946	172	81	10	6	0.01	5.33	0
10320076	10320075	4.97	12 1-	2 ACSR 6/1	0	0	934	172	74	9	5	0.01	5.35	0
10320088	10320076	5.01	7 1-	2 ACSR 6/1	0	0	925	171	41	5	3	0.01	5.36	0
10320089	10320088	5.05	4 1-	2 ACSR 6/1	0	0	916	171	24	3	2	0.00	5.36	0
10320085	10320089	5.13	2 1-	2 ACSR 6/1	0	0	899	170	21	2	2	0.00	5.36	0
10320067	10320085	5.20	1 1-	2 ACSR 6/1	0	0	887	170	9	1	1	0.00	5.36	0
10320087	10320088	5.05	2 1-	2 ACSR 6/1	0	0	917	171	10	1	1	0.00	5.36	0
10320080	10320076	5.00	4 1-	2 ACSR 6/1	0	0	928	171	24	3	2	0.00	5.35	0
10320081	10320080	5.02	1 1-	2 ACSR 6/1	0	0	923	171	3	0	0	0.00	5.35	0
10320071	10320072	4.89	49 3-	2 ACSR 6/1	1351	1215	952	172	215	9	5	-0.01	4.34	7
10320068	10320071	4.93	1 1-	2 ACSR 6/1	0	0	942	172	5	0	0	0.00	3.89	0
10320064	10320071	4.94	44 3-	2 ACSR 6/1	1335	1200	941	172	187	8	5	-0.01	4.35	4
10320069	10320064	4.98	43 3-	2 ACSR 6/1	1321	1186	931	171	184	7	4	-0.01	4.36	4
10320135	10320069	5.04	29 3-	2 ACSR 6/1	1304	1170	920	171	124	5	3	-0.01	4.36	2
10320136	10320135	5.08	26 3-	2 ACSR 6/1	1291	1157	910	171	117	5	3	-0.01	4.37	2
10320188	10320136	5.17	6 1-	2 ACSR 6/1	0	0	891	170	42	5	3	0.01	4.00	0
10320189	10320188	5.22	1 1-	2 ACSR 6/1	0	0	882	170	3	0	0	0.00	4.00	0
10320184	10320188	5.22	5 1-	2 ACSR 6/1	0	0	882	170	39	5	3	0.01	4.01	0
10320186	10320184	5.26	2 1-	2 ACSR 6/1	0	0	875	170	14	1	1	0.00	4.01	0
10320187	10320186	5.30	0 1-	2 ACSR 6/1	0	0	866	169	0	0	0	0.00	4.01	0
10320185	10320184	5.27	3 1-	2 ACSR 6/1	0	0	872	169	25	3	2	0.00	4.01	0
10320190	10320185	5.33	2 1-	2 ACSR 6/1	0	0	860	169	16	2	1	0.00	4.01	0
10320142	10320190	5.37	2 1-	2 ACSR 6/1	0	0	853	169	16	2	1	0.00	4.01	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10320143	10320136	5.12	20 3-	2 ACSR 6/1	1278	1144	901	170	75	3	2	0.00	4.37	0
10320144	10320143	5.22	6 1-	2 ACSR 6/1	0	0	883	170	23	2	2	0.00	4.00	0
10320150	10320143	5.21	13 3-	2 ACSR 6/1	1253	1121	884	170	49	2	1	0.00	4.38	0
10420102	10320150	5.47	12 1-	2 ACSR 6/1	0	0	835	168	47	6	3	0.05	4.06	2
10420069	10420102	5.51	9 1-	2 ACSR 6/1	0	0	828	168	41	5	3	0.01	4.06	0
10420105	10420069	5.58	7 1-	2 ACSR 6/1	0	0	817	167	19	2	1	0.00	4.07	0
10420106	10420105	5.65	4 1-	2 ACSR 6/1	0	0	804	167	14	1	1	0.00	4.07	0
10420103	10420106	5.72	2 1-	2 ACSR 6/1	0	0	792	166	8	1	1	0.00	4.07	0
10420095	10420106	5.69	1 1-	2 ACSR 6/1	0	0	797	167	4	0	0	0.00	4.07	0
10420144	10420069	5.54	2 1-	2 ACSR 6/1	0	0	823	168	22	2	2	0.00	4.07	0
10420145	10420144	5.57	1 1-	2 ACSR 6/1	0	0	818	167	12	1	1	0.00	4.07	0
10420093	10420102	5.53	2 1-	2 ACSR 6/1	0	0	824	168	4	0	0	0.00	4.06	0
10420094	10420093	5.58	1 1-	2 ACSR 6/1	0	0	816	167	2	0	0	0.00	4.06	0
10320145	10420094	5.65	0 1-	2 ACSR 6/1	0	0	804	167	0	0	0	0.00	4.06	0
10420092	10420102	5.50	1 1-	2 ACSR 6/1	0	0	830	168	2	0	0	0.00	4.06	0
10320169	10320069	5.06	11 1-	2 ACSR 6/1	0	0	916	171	47	6	3	0.01	3.96	0
10320171	10320169	5.11	7 1-	2 ACSR 6/1	0	0	904	171	30	3	2	0.01	3.96	0
10320172	10320171	5.14	3 1-	2 ACSR 6/1	0	0	899	170	22	2	2	0.00	3.96	0
10320173	10320172	5.24	2 1-	2 ACSR 6/1	0	0	879	170	13	1	1	0.00	3.97	0
10320134	10320173	5.36	1 1-	2 ACSR 6/1	0	0	856	169	1	0	0	0.00	3.97	0
10320174	10320173	5.30	1 1-	2 ACSR 6/1	0	0	866	169	12	1	1	0.00	3.97	0
10320175	10320174	5.40	1 1-	2 ACSR 6/1	0	0	847	169	12	1	1	0.00	3.97	0
10320170	10320169	5.09	2 1-	2 ACSR 6/1	0	0	908	171	9	1	1	0.00	3.96	0
10320168	10320069	5.08	2 1-	2 ACSR 6/1	0	0	910	171	9	1	1	0.00	3.95	0
10320063	10320071	4.97	2 1-	2 ACSR 6/1	0	0	933	172	12	1	1	0.00	3.89	0
10320083	10320082	4.75	3 1-	2 ACSR 6/1	0	0	984	173	20	2	1	0.00	3.74	0
10320079	10320083	4.79	1 1-	2 ACSR 6/1	0	0	976	173	8	0	1	0.00	3.74	0
10320160	10320077	4.51	3 1-	2 ACSR 6/1	0	0	1045	175	20	2	1	0.00	5.26	0
10320161	10320160	4.54	2 1-	2 ACSR 6/1	0	0	1037	175	12	1	1	0.00	5.26	0
10320163	10320161	4.60	1 1-	2 ACSR 6/1	0	0	1022	174	3	0	0	0.00	5.26	0
10320162	10320161	4.58	1 1-	2 ACSR 6/1	0	0	1028	174	9	1	1	0.00	5.26	0
10320155	10320154	4.37	1 1-	2 ACSR 6/1	0	0	1077	176	4	0	0	0.00	3.77	0
10320151	10320165	4.25	4 1-	2 ACSR 6/1	0	0	1101	176	18	2	1	0.00	5.22	0
10320152	10320151	4.30	2 1-	2 ACSR 6/1	0	0	1088	176	13	1	1	0.00	5.22	0
10320191	10320152	4.33	1 1-	2 ACSR 6/1	0	0	1079	175	7	0	1	0.00	5.22	0
10220054	9290059	3.56	0 1-	2 ACSR 6/1	0	0	1274	178	0	0	0	0.00	5.00	0
9290070	9290072	3.33	16 1-	2 ACSR 6/1	0	0	1337	179	111	14	8	0.04	3.40	3
9290102	9290070	3.41	15 1-	2 ACSR 6/1	0	0	1303	178	103	13	7	0.03	3.43	2
9290103	9290102	3.44	14 1-	2 ACSR 6/1	0	0	1290	178	95	12	7	0.01	3.44	0
92900054	9290103	3.54	13 1-	2 ACSR 6/1	0	0	1250	177	91	11	7	0.03	3.47	2
92900056	92900054	3.77	9 1-	2 ACSR 6/1	0	0	1167	176	59	7	4	0.05	3.52	2
92900057	92900056	3.80	8 1-	2 ACSR 6/1	0	0	1156	175	51	6	4	0.01	3.53	0
92900061	92900057	3.93	8 1-	2 ACSR 6/1	0	0	1116	174	51	6	4	0.02	3.55	0
92900050	92900061	4.04	5 1-	2 ACSR 6/1	0	0	1082	174	34	4	2	0.01	3.56	0
9190153	9290050	4.11	4 1-	2 ACSR 6/1	0	0	1060	173	28	3	2	0.01	3.57	0
9190165	9190153	4.28	2 1-	2 ACSR 6/1	0	0	1013	172	18	2	1	0.01	3.57	0
9190166	9190165	4.43	1 1-	2 ACSR 6/1	0	0	977	171	6	0	0	0.00	3.58	0
9190164	9190153	4.20	2 1-	2 ACSR 6/1	0	0	1036	172	10	1	1	0.00	3.57	0
9190176	9190164	4.25	1 1-	2 ACSR 6/1	0	0	1022	172	8	1	1	0.00	3.57	0
9290049	9290061	4.03	1 1-	2 ACSR 6/1	0	0	1085	174	3	0	0	0.00	3.55	0
9290051	9290057	3.91	0 1-	2 ACSR 6/1	0	0	1122	175	0	0	0	0.00	3.53	0
9290055	9290054	3.64	2 1-	2 ACSR 6/1	0	0	1214	177	20	2	1	0.01	3.48	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9290105	9290055	3.71	1 1-	2 ACSR 6/1	0	0	1189	176	10	1	1	0.00	3.48	0
9290065	9290064	2.85	1 1-	2 ACSR 6/1	0	0	1513	181	10	1	1	0.00	4.68	0
9290084	9290083	2.71	6 1-	2 ACSR 6/1	0	0	1566	181	31	4	2	0.01	4.59	0
9290104	9290084	2.77	1 1-	2 ACSR 6/1	0	0	1533	181	9	1	1	0.00	4.59	0
9290045	9280103	2.47	105 3-	2 ACSR 6/1	2261	2087	1682	182	627	27	15	0.03	3.40	12
D09-29-P081	9290045	2.47	105 3-	REC-70-4H	2261	2087	1682	182	626	27	39	0.00	3.40	0
9290046	D09-29-P081	2.71	105 3-	2 ACSR 6/1	2074	1897	1533	180	626	27	15	0.23	3.55	97
9290063	9290046	2.91	104 3-	2 ACSR 6/1	1934	1757	1425	179	624	27	15	0.20	3.68	81
9290077	9290063	2.97	103 3-	2 ACSR 6/1	1898	1722	1398	178	616	26	15	0.05	3.72	22
9290079	9290077	3.04	2 1-	2 ACSR 6/1	0	0	1365	178	9	1	1	0.00	4.97	0
9290078	9290077	3.06	98 3-	2 ACSR 6/1	1838	1664	1353	178	582	25	14	0.09	3.77	36
9390095	9290078	3.10	2 1-	2 ACSR 6/1	0	0	1337	177	15	1	1	0.00	3.63	0
9390096	9290078	3.14	96 3-	2 ACSR 6/1	1795	1621	1320	177	567	24	14	0.07	3.81	26
9390097	9390096	3.21	94 3-	2 ACSR 6/1	1753	1580	1288	176	559	24	14	0.07	3.86	27
9390098	9390097	3.26	91 3-	2 ACSR 6/1	1723	1552	1266	176	539	23	13	0.05	3.89	19
9390104	9390098	3.32	84 3-	2 ACSR 6/1	1695	1524	1245	176	496	21	12	0.05	3.91	17
9390107	9390104	3.41	82 3-	2 ACSR 6/1	1647	1479	1210	175	483	21	12	0.09	3.96	29
9390106	9390107	3.44	60 3-	2 ACSR 6/1	1632	1464	1199	175	310	13	7	0.01	3.97	3
9390075	9390106	3.53	59 3-	2 ACSR 6/1	1590	1424	1168	174	298	12	7	0.03	3.99	10
9390054	9390075	3.65	57 3-	2 ACSR 6/1	1531	1367	1124	173	286	12	7	0.04	4.03	13
9390055	9390054	3.71	56 3-	2 ACSR 6/1	1507	1344	1107	173	284	12	7	0.02	4.05	5
9390058	9390055	3.77	2 1-	2 ACSR 6/1	0	0	1086	172	10	1	1	0.00	5.48	0
9390056	9390055	3.83	54 3-	2 ACSR 6/1	1454	1295	1068	172	274	11	7	0.04	4.08	12
9390108	9390056	4.06	53 3-	2 ACSR 6/1	1367	1213	1005	170	271	11	7	0.06	4.15	20
D09-49-P001	9390108	4.06	14 1-	FUS-15	0	0	1005	170	98	12	97	0.00	5.58	0
9490047	D09-49-P001	4.12	14 1-	2 ACSR 6/1	0	0	989	170	98	12	7	0.02	5.60	2
9390068	9490047	4.19	10 1-	2 ACSR 6/1	0	0	973	170	82	10	6	0.02	5.62	1
9390069	9390068	4.23	9 1-	2 ACSR 6/1	0	0	963	169	72	9	5	0.01	5.63	0
9390084	9390069	4.30	6 1-	2 ACSR 6/1	0	0	946	169	34	4	2	0.01	5.63	0
9390085	9390084	4.35	5 1-	2 ACSR 6/1	0	0	934	168	28	3	2	0.01	5.64	0
9390087	9390085	4.45	1 1-	2 ACSR 6/1	0	0	911	168	8	1	1	0.00	5.64	0
9390086	9390085	4.39	4 1-	2 ACSR 6/1	0	0	924	168	21	2	2	0.00	5.64	0
9390089	9390086	4.43	2 1-	2 ACSR 6/1	0	0	915	168	13	1	1	0.00	5.64	0
9390090	9390089	4.49	1 1-	2 ACSR 6/1	0	0	904	167	8	1	1	0.00	5.65	0
9390092	9390090	4.60	0 1-	2 ACSR 6/1	0	0	880	167	0	0	0	0.00	5.65	0
9390091	9390090	4.54	1 1-	2 ACSR 6/1	0	0	893	167	8	1	1	0.00	5.65	0
9390083	9390069	4.27	1 1-	2 ACSR 6/1	0	0	954	169	12	1	1	0.00	5.63	0
9390066	9490047	4.16	2 1-	2 ACSR 6/1	0	0	979	170	5	0	0	0.00	5.60	0
9390067	9390066	4.18	0 1-	2 ACSR 6/1	0	0	974	170	0	0	0	0.00	5.60	0
9490043	9390108	4.13	1 1-	2 ACSR 6/1	0	0	986	170	3	0	0	0.00	4.27	0
9490044	9490043	4.45	1 1-	2 ACSR 6/1	0	0	911	168	3	0	0	0.00	4.27	0
9490042	9390108	4.14	35 3-	2 ACSR 6/1	1340	1188	985	170	160	6	4	-0.01	4.16	4
9490019	9490042	4.17	4 1-	2 ACSR 6/1	0	0	977	170	16	2	1	0.00	5.57	0
9490020	9490019	4.21	2 1-	2 ACSR 6/1	0	0	967	169	13	1	1	0.00	5.57	0
9490018	9490020	4.26	1 1-	2 ACSR 6/1	0	0	954	169	10	1	1	0.00	5.57	0
9490030	9490042	4.15	31 3-	2 ACSR 6/1	1334	1183	981	170	145	-6	3	0.00	4.16	0
9490017	9490030	4.23	30 3-	2 ACSR 6/1	1307	1157	961	169	139	-6	3	-0.01	4.17	4
9490021	9490017	4.31	2 1-	2 ACSR 6/1	0	0	943	169	9	1	1	0.00	4.35	0
9490022	9490017	4.28	27 3-	2 ACSR 6/1	1292	1143	950	169	127	-5	3	-0.01	4.18	2
9490023	9490022	4.33	25 3-	2 ACSR 6/1	1275	1127	938	169	119	-5	3	-0.01	4.18	2
9490029	9490023	4.41	2 1-	2 ACSR 6/1	0	0	921	168	9	1	1	0.00	4.39	0
9490028	9490023	4.37	6 3-	2 ACSR 6/1	1264	1117	930	168	30	-1	1	0.00	4.19	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9490036	9490028	4.43	4 3-	2 ACSR 6/1	1245	1100	916	168	24	-1	1	0.00	4.19	0
9490045	9490036	4.47	2 3-	2 ACSR 6/1	1232	1087	907	168	11	0	0	0.00	4.19	0
9490040	9490045	4.58	1 3-	2 ACSR 6/1	1200	1058	884	167	9	0	0	0.00	4.19	0
9490037	9490040	4.66	1 3- 15 KV 2 URD XLP		1182	1042	872	354	9	0	0	0.00	4.19	0
9490046	9490036	4.49	1 1-	2 ACSR 6/1	0	0	904	167	8	1	1	0.00	4.40	0
9490026	9490023	4.39	15 1-	2 ACSR 6/1	0	0	926	168	72	9	5	0.01	4.41	0
9490027	9490026	4.48	14 1-	2 ACSR 6/1	0	0	904	167	66	8	5	0.02	4.43	0
9490025	9490027	4.52	11 1-	2 ACSR 6/1	0	0	896	167	51	6	4	0.01	4.43	0
9490035	9490025	4.60	8 1-	2 ACSR 6/1	0	0	880	167	41	5	3	0.01	4.45	0
9490033	9490035	4.65	2 1-	2 ACSR 6/1	0	0	870	166	16	2	1	0.00	4.45	0
9490031	9490035	4.68	6 1-	2 ACSR 6/1	0	0	864	166	25	3	2	0.01	4.45	0
9490034	9490031	4.72	1 1-	2 ACSR 6/1	0	0	855	166	5	0	0	0.00	4.45	0
9490032	9490031	4.74	4 1-	2 ACSR 6/1	0	0	852	166	13	1	1	0.00	4.45	0
9490024	9490023	4.43	1 1-	2 ACSR 6/1	0	0	915	168	3	0	0	0.00	4.39	0
9490038	9490030	4.20	1 1-	2 ACSR 6/1	0	0	968	169	5	0	0	0.00	4.31	0
9390065	9390056	3.94	1 1-	2 ACSR 6/1	0	0	1038	171	3	0	0	0.00	5.52	0
9390057	9390054	3.74	1 1-	2 ACSR 6/1	0	0	1095	173	3	0	0	0.00	5.46	0
9390076	9390075	3.55	2 1-	2 ACSR 6/1	0	0	1159	174	11	1	1	0.00	3.97	0
9390105	9390107	3.44	22 1-	2 ACSR 6/1	0	0	1197	175	172	22	13	0.02	5.41	3
9390070	9390105	3.48	19 1-	2 ACSR 6/1	0	0	1186	175	149	19	11	0.02	5.42	2
D09-39-P029	9390070	3.48	5 1-	FUS-15	0	0	1186	175	40	5	40	0.00	5.42	0
9390111	D09-39-P029	3.55	5 1-	2 ACSR 6/1	0	0	1159	174	40	5	3	0.01	5.43	0
9390072	9390111	3.62	2 1-	2 ACSR 6/1	0	0	1134	173	16	2	1	0.00	5.43	0
9390073	9390070	3.55	11 1-	2 ACSR 6/1	0	0	1161	174	81	10	6	0.02	5.44	1
9390060	9390073	3.61	10 1-	2 ACSR 6/1	0	0	1137	174	73	9	5	0.02	5.46	1
9390062	9390060	3.69	8 1-	2 ACSR 6/1	0	0	1114	173	60	7	4	0.01	5.48	0
9390113	9390062	3.74	4 1-	2 ACSR 6/1	0	0	1097	173	31	4	2	0.01	5.48	0
9390114	9390113	3.81	3 1-	2 ACSR 6/1	0	0	1076	172	22	2	2	0.00	5.49	0
9390059	9390114	3.87	2 1-	2 ACSR 6/1	0	0	1058	172	16	2	1	0.00	5.49	0
9390074	9390059	4.02	1 1-	2 ACSR 6/1	0	0	1017	171	7	0	1	0.00	5.49	0
9390063	9390062	3.74	2 1-	2 ACSR 6/1	0	0	1096	173	17	2	1	0.00	5.48	0
9390064	9390063	3.79	1 1-	2 ACSR 6/1	0	0	1083	172	9	1	1	0.00	5.48	0
9390061	9390060	3.66	1 1-	2 ACSR 6/1	0	0	1124	173	9	1	1	0.00	5.46	0
9390071	9390070	3.51	1 1-	2 ACSR 6/1	0	0	1172	174	7	0	1	0.00	5.42	0
9390099	9390098	3.34	7 1-	2 ACSR 6/1	0	0	1235	175	43	5	3	0.01	3.81	0
9390101	9390099	3.37	4 1-	2 ACSR 6/1	0	0	1224	175	14	1	1	0.00	3.81	0
9390102	9390101	3.42	3 1-	2 ACSR 6/1	0	0	1205	175	11	1	1	0.00	3.81	0
9390103	9390102	3.49	1 1-	2 ACSR 6/1	0	0	1181	174	4	0	0	0.00	3.81	0
9390100	9390099	3.38	1 1-	2 ACSR 6/1	0	0	1222	175	7	0	1	0.00	3.81	0
9290062	9290046	2.79	1 1-	2 ACSR 6/1	0	0	1490	180	1	0	0	0.00	2.60	0
9280161	9280170	2.16	250 3-	1/0 ACSR 6/1	2459	2281	1856	183	1474	63	28	0.02	3.16	26
9280238	9280161	2.26	2 1-	2 ACSR 6/1	0	0	1780	182	13	1	1	0.00	4.19	0
9290107	9280238	2.32	1 1- 15 KV 2 URD XLP		0	0	1742	443	11	1	1	0.00	4.19	0
9280162	9280161	2.18	248 3-	1/0 ACSR 6/1	2442	2264	1842	183	1461	62	27	0.02	3.18	25
D09-28-P206	9280162	2.18	248 3-	REC-70-L	2442	2264	1842	183	1460	62	90	0.00	3.18	0
9280163	D09-28-P206	2.24	248 3-	1/0 ACSR 6/1	2397	2219	1804	183	1460	62	27	0.07	3.22	67
9280211	9280163	2.37	247 3-	1/0 ACSR 6/1	2298	2121	1724	182	1434	61	27	0.15	3.32	152
9290076	9280211	2.40	246 3-	1/0 ACSR 6/1	2275	2098	1705	182	1430	61	27	0.04	3.35	38
9190124	9290076	2.47	243 3-	1/0 ACSR 6/1	2227	2050	1665	182	1419	61	27	0.08	3.40	80
9190125	9190124	2.52	237 3-	1/0 ACSR 6/1	2186	2010	1632	181	1399	60	26	0.07	3.45	67
9190131	9190125	2.56	235 3-	1/0 ACSR 6/1	2161	1985	1612	181	1387	59	26	0.04	3.47	43
9190135	9190131	2.60	230 3-	1/0 ACSR 6/1	2133	1958	1590	181	1340	57	25	0.05	3.51	45

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9190137	9190135	2.64	2 1-	2 ACSR 6/1	0	0	1566	181	11	1	1	0.00	4.69	0
9190136	9190135	2.64	226 3-	1/0 ACSR 6/1	2113	1938	1573	181	1323	57	25	0.03	3.53	33
9190140	9190136	2.69	0 1-	2 ACSR 6/1	0	0	1542	180	0	0	0	0.00	4.73	0
9190138	9190136	2.66	2 1-	2 ACSR 6/1	0	0	1560	180	15	1	1	0.00	3.52	0
9190139	9190138	2.69	1 1-	2 ACSR 6/1	0	0	1541	180	6	0	0	0.00	3.52	0
9190070	9190136	2.68	224 3-	1/0 ACSR 6/1	2084	1910	1551	180	1308	56	25	0.05	3.56	46
C09-19-P59	9190070	2.68	0 3-	Capacitor	2084	1910	1551	180	0	-13	0	0.00	3.56	0
9190141	9190070	2.72	224 3-	1/0 ACSR 6/1	2059	1885	1530	180	1308	56	25	0.05	3.60	42
9190115	9190141	2.76	222 3-	1/0 ACSR 6/1	2034	1861	1510	180	1294	56	24	0.05	3.63	43
9190142	9190115	2.80	220 3-	1/0 ACSR 6/1	2015	1843	1496	180	1277	55	24	0.04	3.66	32
D09-19-P007	9190142	2.80	6 1-	FUS-30	0	0	1496	180	18	2	9	0.00	3.69	0
9190144	D09-19-P007	2.85	6 1-	2 ACSR 6/1	0	0	1464	179	18	2	1	0.00	3.69	0
9190145	9190144	2.92	5 1-	2 ACSR 6/1	0	0	1431	179	13	1	1	0.00	3.70	0
9190146	9190145	3.02	3 1-	2 ACSR 6/1	0	0	1383	178	8	1	1	0.00	3.70	0
9190147	9190146	3.10	0 1-	2 ACSR 6/1	0	0	1345	178	0	0	0	0.00	3.70	0
9190143	9190142	3.19	213 3-	1/0 ACSR 6/1	1806	1640	1332	178	1254	54	24	0.49	4.00	389
9190069	9190143	3.33	209 3-	1/0 ACSR 6/1	1743	1580	1283	177	1225	53	23	0.17	4.11	129
9190150	9190069	3.36	1 1-	2 ACSR 6/1	0	0	1269	177	3	0	0	0.00	5.58	0
9190154	9190069	3.38	2 1-	2 ACSR 6/1	0	0	1259	177	8	1	1	0.00	4.26	0
9190155	9190069	3.40	206 3-	1/0 ACSR 6/1	1710	1549	1258	177	1213	52	23	0.09	4.17	70
9190156	9190155	3.54	205 3-	1/0 ACSR 6/1	1652	1493	1213	176	1205	52	23	0.18	4.29	130
9190177	9190156	3.62	2 1-	2 ACSR 6/1	0	0	1183	175	17	2	1	0.01	5.86	0
9090050	9190177	3.68	1 1-	2 ACSR 6/1	0	0	1164	175	10	1	1	0.00	5.86	0
9090049	9190177	3.75	1 1-	2 ACSR 6/1	0	0	1139	174	7	0	1	0.00	5.86	0
9190157	9190156	3.62	202 3-	1/0 ACSR 6/1	1621	1465	1190	176	1186	51	23	0.09	4.35	68
9190169	9190157	3.66	1 1-	2 ACSR 6/1	0	0	1176	175	10	1	1	0.00	5.95	0
9190071	9190157	3.73	94 3-	2 ACSR 6/1	1567	1412	1150	175	579	25	14	0.19	4.42	66
D09-09-P005	9190071	3.73	93 3-	REC-35-L	1567	1412	1150	175	573	25	72	0.00	4.42	0
9090024	D09-09-P005	3.86	93 3-	2 ACSR 6/1	1513	1360	1110	174	573	25	14	0.20	4.49	68
9090046	9090024	3.89	3 1-	2 ACSR 6/1	0	0	1098	174	5	0	0	0.00	2.56	0
9090048	9090046	3.96	2 1-	2 ACSR 6/1	0	0	1078	173	2	0	0	0.00	2.56	0
9090047	9090046	4.00	1 1-	2 ACSR 6/1	0	0	1067	173	3	0	0	0.00	2.56	0
9090026	9090024	3.91	85 3-	2 ACSR 6/1	1491	1338	1093	173	532	23	13	0.08	4.52	28
9090027	9090026	3.98	83 3-	2 ACSR 6/1	1462	1311	1072	173	526	23	13	0.11	4.56	37
9090030	9090027	4.05	75 3-	2 ACSR 6/1	1434	1284	1052	172	481	21	12	0.10	4.59	29
9090031	9090030	4.11	74 3-	2 ACSR 6/1	1411	1262	1035	172	470	20	12	0.08	4.62	25
9090038	9090031	4.18	73 3-	2 ACSR 6/1	1387	1239	1017	172	464	20	11	0.09	4.65	27
9090039	9090038	4.21	2 1-	2 ACSR 6/1	0	0	1010	171	3	0	0	0.00	2.54	0
9090018	9090038	4.24	71 3-	2 ACSR 6/1	1365	1219	1001	171	461	20	11	0.08	4.68	25
3990017	9090018	4.26	1 1-	1/0 ACSR 6/1	0	0	996	171	0	0	0	0.00	4.63	0
3990033	3990017	4.33	1 1-	1/0 ACSR 6/1	0	0	983	171	0	0	0	0.00	4.63	0
3990015	9090018	4.30	70 3-	2 ACSR 6/1	1345	1199	986	171	461	20	11	0.08	4.71	24
3990016	3990015	4.36	67 3-	2 ACSR 6/1	1324	1179	971	170	448	19	11	0.09	4.74	25
3990018	3990016	4.39	66 3-	2 ACSR 6/1	1313	1169	963	170	441	19	11	0.04	4.75	13
3990024	3990018	4.42	48 3-	2 ACSR 6/1	1303	1160	956	170	303	13	7	0.03	4.76	5
3990025	3990024	4.44	48 3-	2 ACSR 6/1	1298	1155	952	170	303	13	7	0.01	4.77	3
3990026	3990025	4.71	46 3-	2 ACSR 6/1	1214	1076	891	168	291	12	7	0.26	4.85	49
3990029	3990026	4.95	33 1-	2 ACSR 6/1	0	0	844	166	233	31	17	0.21	7.61	41
3990030	3990029	5.03	32 1-	2 ACSR 6/1	0	0	830	166	230	30	17	0.07	7.68	12
3890011	3990030	5.08	1 1-	2 ACSR 6/1	0	0	821	165	4	0	0	0.00	7.68	0
3890009	3990030	5.35	31 1-	2 ACSR 6/1	0	0	775	164	225	30	17	0.28	7.96	52
3890007	3890009	5.46	30 1-	2 ACSR 6/1	0	0	759	163	223	29	17	0.09	8.05	17

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
3890006	3890007	5.66	29 1-	2 ACSR 6/1	0	0	730	162	216	29	16	0.17	8.21	30
4920033	3890006	5.70	21 1-	2 ACSR 6/1	0	0	723	161	144	19	11	0.03	8.24	3
4920044	4920033	5.82	17 1-	2 ACSR 6/1	0	0	707	161	140	18	10	0.06	8.30	8
4920023	4920044	5.92	1 1-	2 ACSR 6/1	0	0	694	160	12	1	1	0.00	8.30	0
4920036	4920044	5.87	16 1-	2 ACSR 6/1	0	0	700	160	128	17	10	0.03	8.33	3
4920045	4920036	5.91	15 1-	2 ACSR 6/1	0	0	695	160	119	16	9	0.02	8.34	2
4920050	4920045	6.02	1 1-	2 ACSR 6/1	0	0	681	159	18	2	1	0.00	8.35	0
4920046	4920045	6.15	12 1-	2 ACSR 6/1	0	0	666	159	83	11	6	0.07	8.42	5
4920051	4920046	6.20	2 1-	2 ACSR 6/1	0	0	660	158	24	3	2	0.00	8.42	0
4920040	4920046	6.29	9 1-	2 ACSR 6/1	0	0	650	158	58	7	4	0.03	8.45	1
4920047	4920040	6.39	3 1-	2 ACSR 6/1	0	0	638	157	21	2	2	0.01	8.45	0
4920034	4920047	6.51	1 1-	2 ACSR 6/1	0	0	626	156	7	0	1	0.00	8.46	0
4820009	4920034	6.55	1 1-	2 ACSR 6/1	0	0	621	156	7	0	1	0.00	8.46	0
4920042	4920040	6.32	1 1-	2 ACSR 6/1	0	0	646	157	10	1	1	0.00	8.45	0
4920041	4920040	6.33	4 1-	2 ACSR 6/1	0	0	645	157	22	2	2	0.00	8.45	0
4920043	4920041	6.52	1 1-	2 ACSR 6/1	0	0	624	156	1	0	0	0.00	8.45	0
4920037	4920041	6.47	3 1-	2 ACSR 6/1	0	0	630	157	21	2	2	0.01	8.46	0
4920035	4920037	6.54	2 1- 15 KV 2 URD XLP	0	0	0	622	306	14	1	1	0.00	8.46	0
4920038	4920037	6.52	1 1-	2 ACSR 6/1	0	0	625	156	7	0	1	0.00	8.46	0
4920025	4920038	6.57	1 1-	2 ACSR 6/1	0	0	619	156	7	0	1	0.00	8.46	0
4920039	4920046	6.18	0 1-	2 ACSR 6/1	0	0	662	158	0	0	0	0.00	8.42	0
4920024	4920036	6.05	1 1-	2 ACSR 6/1	0	0	678	159	9	1	1	0.00	8.33	0
4920032	3890006	5.71	7 1-	2 ACSR 6/1	0	0	721	161	71	9	5	0.02	8.23	0
4920027	4920032	5.74	4 1-	2 ACSR 6/1	0	0	718	161	45	6	3	0.00	8.23	0
4920029	4920027	5.78	2 1-	2 ACSR 6/1	0	0	713	161	19	2	1	0.00	8.23	0
4920030	4920029	5.82	1 1-	2 ACSR 6/1	0	0	707	161	10	1	1	0.00	8.23	0
4920028	4920027	5.78	1 1-	2 ACSR 6/1	0	0	712	161	9	1	1	0.00	8.23	0
4920026	4920032	5.78	2 1-	2 ACSR 6/1	0	0	713	161	17	2	1	0.00	8.23	0
4920031	3890006	5.75	1 1-	2 ACSR 6/1	0	0	717	161	0	0	0	0.00	8.21	0
4820007	4920031	5.79	0 1-	2 ACSR 6/1	0	0	710	161	0	0	0	0.00	8.21	0
3890008	3890007	5.51	1 1-	2 ACSR 6/1	0	0	751	163	7	0	1	0.00	8.05	0
4820006	3890008	5.70	1 1-	2 ACSR 6/1	0	0	724	161	7	0	1	0.00	8.05	0
4820005	3890008	5.53	0 1-	2 ACSR 6/1	0	0	748	162	0	0	0	0.00	8.05	0
3890010	3890009	5.50	1 1-	2 ACSR 6/1	0	0	752	163	2	0	0	0.00	7.96	0
3990019	3990026	4.84	12 1-	2 ACSR 6/1	0	0	865	167	55	7	4	0.02	2.51	1
3990031	3990019	4.87	11 1-	2 ACSR 6/1	0	0	859	167	52	6	4	0.01	2.51	0
3990032	3990031	4.90	10 1-	2 ACSR 6/1	0	0	855	167	42	5	3	0.00	2.52	0
3990028	3990032	5.28	9 1-	2 ACSR 6/1	0	0	787	164	41	5	3	0.06	2.57	2
9090032	3990028	5.42	8 1-	2 ACSR 6/1	0	0	764	163	39	4	3	0.02	2.59	0
9090036	9090032	5.49	3 1-	2 ACSR 6/1	0	0	754	163	15	1	1	0.00	2.59	0
9090037	9090036	5.55	1 1-	2 ACSR 6/1	0	0	745	162	8	1	1	0.00	2.59	0
9090033	9090032	5.57	4 1-	2 ACSR 6/1	0	0	742	162	14	1	1	0.01	2.60	0
9090034	9090033	5.64	2 1-	2 ACSR 6/1	0	0	732	162	10	1	1	0.00	2.60	0
9090035	9090034	5.83	1 1-	2 ACSR 6/1	0	0	706	161	8	1	1	0.00	2.60	0
3990021	3990018	4.44	17 1-	2 ACSR 6/1	0	0	950	170	125	16	9	0.02	7.13	3
3990023	3990021	4.59	14 1-	2 ACSR 6/1	0	0	917	169	87	11	6	0.05	7.18	3
3990027	3990023	4.92	13 1-	2 ACSR 6/1	0	0	849	166	81	10	6	0.10	7.28	7
3980002	3990027	5.13	12 1-	2 ACSR 6/1	0	0	812	165	72	9	5	0.05	7.33	3
9080019	3980002	5.19	11 1-	2 ACSR 6/1	0	0	802	165	64	8	5	0.01	7.34	0
9080020	9080019	5.23	10 1-	2 ACSR 6/1	0	0	795	164	53	7	4	0.01	7.35	0
9080021	9080020	5.47	9 1-	2 ACSR 6/1	0	0	757	163	47	6	3	0.04	7.39	1
9080022	9080021	5.50	8 1-	2 ACSR 6/1	0	0	752	163	36	4	3	0.00	7.39	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9080029	9080022	5.55	1 1-	2 ACSR 6/1	0	0	744	162	4	0	0	0.00	7.39	0
9080023	9080022	5.54	4 1-	2 ACSR 6/1	0	0	747	162	21	2	2	0.00	7.40	0
9080025	9080023	5.64	3 1-	2 ACSR 6/1	0	0	732	162	14	1	1	0.00	7.40	0
9080027	9080025	5.74	1 1-	2 ACSR 6/1	0	0	718	161	4	0	0	0.00	7.40	0
9080026	9080025	5.72	1 1-	2 ACSR 6/1	0	0	721	161	8	1	1	0.00	7.40	0
9080028	9080026	5.81	1 1- 15 KV	2 URD XLP	0	0	709	326	8	1	1	0.00	7.40	0
9080024	9080023	5.60	1 1-	2 ACSR 6/1	0	0	738	162	7	0	1	0.00	7.40	0
3980004	3990027	4.97	1 1-	2 ACSR 6/1	0	0	841	166	9	1	1	0.00	7.28	0
3980003	3980004	5.06	1 1- 15 KV	2 URD XLP	0	0	825	348	9	1	1	0.00	7.28	0
3990022	3990021	4.55	2 1-	2 ACSR 6/1	0	0	927	169	30	3	2	0.01	7.14	0
3990020	3990022	4.65	1 1- 15 KV	2 URD XLP	0	0	905	362	17	2	1	0.00	7.14	0
9090028	9090027	4.04	8 1-	2 ACSR 6/1	0	0	1054	173	45	6	3	0.01	6.54	0
9090029	9090028	4.07	4 1-	2 ACSR 6/1	0	0	1046	172	22	2	2	0.00	6.54	0
9090025	9090024	3.92	4 1-	2 ACSR 6/1	0	0	1089	173	28	3	2	0.00	2.56	0
9090051	9190071	3.75	1 1-	2 ACSR 6/1	0	0	1144	175	5	0	0	0.00	6.14	0
9190066	9190157	3.66	107 3-	1/0 ACSR 6/1	1603	1448	1176	175	597	26	11	0.00	4.37	13
9190158	9190066	3.73	1 1-	2 ACSR 6/1	0	0	1152	175	7	0	1	0.00	5.95	0
9190067	9190066	3.71	106 3-	1/0 ACSR 6/1	1584	1429	1162	175	590	25	11	0.00	4.39	14
9190160	9190067	3.75	105 3-	1/0 ACSR 6/1	1570	1416	1151	175	586	25	11	0.00	4.40	10
9190161	9190160	3.82	104 3-	1/0 ACSR 6/1	1545	1392	1132	175	579	25	11	0.00	4.43	19
9190163	9190161	3.99	1 1-	2 ACSR 6/1	0	0	1079	173	9	1	1	0.00	5.96	0
9190162	9190161	3.86	1 1-	2 ACSR 6/1	0	0	1120	174	5	0	0	0.00	5.96	0
9190152	9190161	3.95	102 3-	1/0 ACSR 6/1	1500	1350	1098	174	566	24	11	0.00	4.48	36
9190117	9190152	4.01	7 1-	2 ACSR 6/1	0	0	1079	173	40	5	3	0.01	4.86	0
9190118	9190117	4.08	6 1-	2 ACSR 6/1	0	0	1061	173	39	5	3	0.01	4.87	0
9190119	9190118	4.14	1 1-	2 ACSR 6/1	0	0	1044	173	1	0	0	0.00	4.87	0
9190120	9190119	4.19	1 1-	2 ACSR 6/1	0	0	1030	172	1	0	0	0.00	4.87	0
9190121	9190118	4.30	4 1-	2 ACSR 6/1	0	0	1001	171	35	4	3	0.02	4.89	0
9190122	9190121	4.35	2 1-	2 ACSR 6/1	0	0	987	171	11	1	1	0.00	4.89	0
9190123	9190122	4.41	1 1-	2 ACSR 6/1	0	0	972	171	4	0	0	0.00	4.89	0
9190116	9190152	4.03	92 3-	1/0 ACSR 6/1	1473	1325	1078	174	517	22	10	0.00	4.51	18
9190168	9190116	4.49	90 3-	1/0 ACSR 6/1	1336	1196	975	171	504	22	10	0.01	4.67	100
10120066	9190168	4.57	89 3-	1/0 ACSR 6/1	1317	1178	960	171	497	21	9	0.00	4.69	16
10120065	10120066	4.74	1 1-	2 ACSR 6/1	0	0	922	170	5	0	0	0.00	5.36	0
10120076	10120065	4.78	1 1-	2 ACSR 6/1	0	0	912	169	5	0	0	0.00	5.36	0
10120033	10120076	4.80	0 1-	2 ACSR 6/1	0	0	909	169	0	0	0	0.00	5.36	0
10-12-P036-B	10120033	4.80	0 1-	Open	0	0	909	169	0	0	0	0.00	5.36	0
10120077	10120076	4.92	1 1-	2 ACSR 6/1	0	0	884	168	5	0	0	0.00	5.37	0
10120061	10120066	4.68	2 1-	2 ACSR 6/1	0	0	935	170	31	4	2	0.01	5.98	0
10120064	10120061	4.82	1 1-	2 ACSR 6/1	0	0	903	169	8	1	1	0.00	5.99	0
10120062	10120061	4.75	1 1-	2 ACSR 6/1	0	0	919	170	23	3	2	0.01	5.99	0
10120063	10120062	4.89	1 1-	2 ACSR 6/1	0	0	889	169	23	3	2	0.01	6.00	0
10120078	10120066	4.64	86 3-	1/0 ACSR 6/1	1299	1162	947	171	461	20	9	0.00	4.71	14
10120079	10120078	4.77	85 3-	1/0 ACSR 6/1	1265	1130	922	170	452	19	9	-0.01	4.75	27
10120067	10120079	4.88	84 3-	1/0 ACSR 6/1	1239	1106	902	169	443	19	8	-0.01	4.79	22
10120068	10120067	4.96	82 3-	1/0 ACSR 6/1	1221	1090	889	169	432	18	8	-0.01	4.81	15
10120070	10120068	5.01	80 3-	1/0 ACSR 6/1	1209	1078	880	169	422	18	8	0.00	4.83	11
10120080	10120070	5.06	2 1-	2 ACSR 6/1	0	0	870	168	12	1	1	0.00	5.94	0
10120081	10120080	5.11	1 1-	2 ACSR 6/1	0	0	862	168	8	1	1	0.00	5.94	0
10120071	10120070	5.06	78 3-	1/0 ACSR 6/1	1198	1069	872	169	409	17	8	0.00	4.84	9
10120072	10120071	5.09	77 3-	1/0 ACSR 6/1	1191	1062	867	168	398	17	8	0.00	4.85	6
10120073	10120072	5.12	76 3-	1/0 ACSR 6/1	1184	1056	862	168	393	17	8	0.00	4.86	6

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10120054	10120073	5.16	72 3-	1/0 ACSR 6/1	1176	1048	856	168	370	16	7	0.00	4.87	6
D10-12-P015	10120054	5.16	0 1-	REC-35-H	0	0	856	168	0	0	0	0.00	5.84	0
10120034	D10-12-P015	5.51	0 1-	2 ACSR 6/1	0	0	796	166	0	0	0	0.00	5.84	0
10120055	10120054	5.23	71 3-	1/0 ACSR 6/1	1163	1036	846	168	357	15	7	0.00	4.88	10
10120056	10120055	5.28	69 3-	1/0 ACSR 6/1	1151	1025	838	167	342	15	7	0.00	4.89	8
10120057	10120056	5.34	68 3-	1/0 ACSR 6/1	1140	1015	829	167	331	14	6	0.00	4.91	8
10120058	10120057	5.39	68 3-	1/0 ACSR 6/1	1130	1006	822	167	331	14	6	0.00	4.92	6
10120060	10120058	5.51	54 1-	2 ACSR 6/1	0	0	802	166	253	33	19	0.11	6.12	24
10120082	10120060	5.79	53 1-	2 ACSR 6/1	0	0	758	164	252	33	19	0.26	6.38	53
10130013	10120082	6.04	51 1-	2 ACSR 6/1	0	0	722	163	238	31	18	0.22	6.60	44
10130020	10130013	6.10	0 1-	2 ACSR 6/1	0	0	714	162	0	0	0	0.00	6.60	0
10130014	10130013	6.16	50 1-	2 ACSR 6/1	0	0	706	162	233	30	17	0.11	6.71	20
10030033	10130014	6.24	49 1-	2 ACSR 6/1	0	0	696	161	228	30	17	0.07	6.78	13
10030034	10030033	6.51	48 1-	2 ACSR 6/1	0	0	662	160	222	29	16	0.23	7.00	41
10030035	10030034	6.64	47 1-	2 ACSR 6/1	0	0	648	159	212	28	16	0.10	7.10	18
10030036	10030035	6.66	2 1-	2 ACSR 6/1	0	0	645	159	20	2	1	0.00	7.11	0
10030044	10030036	6.71	1 1-	2 ACSR 6/1	0	0	640	158	9	1	1	0.00	7.11	0
10030038	10030035	6.82	45 1-	2 ACSR 6/1	0	0	629	158	192	25	14	0.13	7.23	20
10030039	10030038	6.87	6 1-	2 ACSR 6/1	0	0	623	157	27	3	2	0.00	7.24	0
10030042	10030039	6.93	4 1-	2 ACSR 6/1	0	0	617	157	19	2	1	0.00	7.24	0
10030037	10030038	6.86	38 1-	2 ACSR 6/1	0	0	625	157	156	20	12	0.02	7.26	3
10030016	10030037	6.95	34 1-	2 ACSR 6/1	0	0	615	157	135	18	10	0.05	7.30	6
10040032	10030016	7.03	32 1-	2 ACSR 6/1	0	0	607	156	122	16	9	0.03	7.34	3
10040030	10040032	7.10	29 1-	2 ACSR 6/1	0	0	600	156	105	14	8	0.03	7.37	2
10040029	10040030	7.20	28 1-	2 ACSR 6/1	0	0	591	155	104	13	8	0.04	7.40	3
10040027	10040029	7.27	1 1-	2 ACSR 6/1	0	0	584	155	5	0	0	0.00	7.41	0
10040026	10040029	7.22	5 1-	2 ACSR 6/1	0	0	589	155	12	1	1	0.00	7.41	0
10040008	10040029	7.32	22 1-	2 ACSR 6/1	0	0	580	155	86	11	6	0.04	7.45	3
4940032	10040008	7.41	6 1-	2 ACSR 6/1	0	0	572	154	34	4	3	0.01	7.46	0
10040028	4940032	7.50	6 1-	2 ACSR 6/1	0	0	564	153	34	4	3	0.01	7.47	0
10040021	10040028	7.58	1 1-	2 ACSR 6/1	0	0	558	153	8	1	1	0.00	7.47	0
10040025	10040028	7.60	5 1-	2 ACSR 6/1	0	0	556	153	26	3	2	0.01	7.48	0
10040022	10040025	7.64	4 1-	2 ACSR 6/1	0	0	552	153	16	2	1	0.00	7.48	0
10040024	10040022	8.00	0 1-	2 ACSR 6/1	0	0	525	151	0	0	0	0.00	7.48	0
10040023	10040022	7.80	2 1-	2 ACSR 6/1	0	0	540	152	7	0	1	0.00	7.48	0
4940025	10040008	7.41	16 1-	2 ACSR 6/1	0	0	572	154	52	6	4	0.02	7.46	0
4940027	4940025	7.48	14 1-	2 ACSR 6/1	0	0	567	154	45	6	3	0.01	7.47	0
4940033	4940027	7.53	13 1-	2 ACSR 6/1	0	0	562	153	38	5	3	0.01	7.48	0
4940034	4940033	7.59	2 1-	2 ACSR 6/1	0	0	557	153	5	0	0	0.00	7.48	0
4940016	4940033	7.65	11 1-	2 ACSR 6/1	0	0	552	153	34	4	3	0.01	7.50	0
4940020	4940016	7.75	1 1-	2 ACSR 6/1	0	0	544	152	6	0	0	0.00	7.50	0
4940019	4940016	7.68	9 1-	2 ACSR 6/1	0	0	550	152	25	3	2	0.00	7.50	0
4940035	4940019	8.12	1 1-	2 ACSR 6/1	0	0	516	150	6	0	0	0.00	7.50	0
4940021	4940019	7.70	8 1-	2 ACSR 6/1	0	0	548	152	19	2	1	0.00	7.50	0
4940022	4940021	7.81	6 1-	2 ACSR 6/1	0	0	539	152	15	1	1	0.01	7.51	0
4940024	4940022	7.93	1 1-	2 ACSR 6/1	0	0	530	151	5	0	0	0.00	7.51	0
4940018	4940022	7.87	3 1-	2 ACSR 6/1	0	0	534	151	4	0	0	0.00	7.51	0
4940023	4940018	7.93	1 1-	2 ACSR 6/1	0	0	530	151	0	0	0	0.00	7.51	0
4940017	4940022	7.96	2 1-	2 ACSR 6/1	0	0	528	151	5	0	0	0.00	7.51	0
4940026	4940025	7.46	2 1-	2 ACSR 6/1	0	0	568	154	7	0	1	0.00	7.46	0
10040031	10030016	6.98	2 1-	2 ACSR 6/1	0	0	612	157	13	1	1	0.00	7.31	0
10030040	10030037	6.95	4 1-	2 ACSR 6/1	0	0	615	157	21	2	2	0.01	7.26	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10030030	10030040	7.05	2 1-	2 ACSR 6/1	0	0	606	156	16	2	1	0.01	7.27	0
10040034	10030030	7.11	1 1-	2 ACSR 6/1	0	0	599	156	15	2	1	0.00	7.27	0
10030032	10130014	6.20	1 1-	2 ACSR 6/1	0	0	701	162	5	0	0	0.00	6.71	0
10130012	10120082	5.91	1 1-	2 ACSR 6/1	0	0	740	163	5	0	0	0.00	6.38	0
10120059	10120058	5.56	1 1-	2 ACSR 6/1	0	0	794	166	9	1	1	0.00	5.92	0
10120085	10120058	5.51	13 1-	2 ACSR 6/1	0	0	801	166	69	9	5	0.03	5.95	2
10020007	10120085	5.58	12 1-	2 ACSR 6/1	0	0	789	166	69	9	5	0.02	5.96	0
10020009	10020007	5.89	10 1-	2 ACSR 6/1	0	0	743	164	51	6	4	0.05	6.01	2
10030041	10020009	5.94	9 1-	2 ACSR 6/1	0	0	735	163	40	5	3	0.01	6.02	0
10030015	10030041	6.09	8 1-	2 ACSR 6/1	0	0	714	162	34	4	3	0.02	6.04	0
4930005	10030015	6.14	3 1-	2 ACSR 6/1	0	0	708	162	12	1	1	0.00	6.04	0
4930004	10030015	6.35	2 1-	2 ACSR 6/1	0	0	682	161	6	0	0	0.00	6.04	0
4930003	10030015	6.17	2 1-	2 ACSR 6/1	0	0	705	162	7	0	1	0.00	6.04	0
10030031	10030041	6.05	1 1-	2 ACSR 6/1	0	0	720	163	6	0	0	0.00	6.02	0
10020008	10020007	5.65	0 1-	2 ACSR 6/1	0	0	779	165	0	0	0	0.00	5.96	0
10120074	10120073	5.18	4 1-	2 ACSR 6/1	0	0	852	168	23	3	2	0.00	5.82	0
10120075	10120074	5.23	3 1-	2 ACSR 6/1	0	0	842	167	17	2	1	0.00	5.82	0
10120069	10120068	5.05	2 1-	2 ACSR 6/1	0	0	871	168	10	1	1	0.00	5.68	0
10120087	10120069	5.12	1 1-	2 ACSR 6/1	0	0	858	168	7	0	0	0.00	5.68	0
9190151	9190152	4.08	3 1-	2 ACSR 6/1	0	0	1061	173	8	1	1	0.00	5.96	0
9190159	9190067	3.74	1 1-	2 ACSR 6/1	0	0	1153	175	4	0	0	0.00	2.57	0
9190068	9190143	3.22	4 1-	2 ACSR 6/1	0	0	1318	178	26	3	2	0.00	4.12	0
9190149	9190068	3.26	2 1-	2 ACSR 6/1	0	0	1301	177	14	1	1	0.00	4.12	0
9190167	9190149	3.32	1 1- 15 KV 2 URD XLP		0	0	1279	410	1	0	0	0.00	4.12	0
9190148	9190068	3.27	2 1-	2 ACSR 6/1	0	0	1298	177	11	1	1	0.00	4.12	0
9190178	9190148	3.35	1 1- 15 KV 2 URD XLP		0	0	1266	408	0	0	0	0.00	4.12	0
9190134	9190131	2.62	1 1-	2 ACSR 6/1	0	0	1578	181	12	1	1	0.00	4.65	0
9190132	9190131	2.62	3 1-	2 ACSR 6/1	0	0	1577	181	26	3	2	0.00	3.45	0
9190133	9190132	2.65	2 1-	2 ACSR 6/1	0	0	1558	180	19	2	1	0.00	3.46	0
9190175	9190133	2.72	1 1-	2 ACSR 6/1	0	0	1519	180	11	1	1	0.00	3.46	0
9190126	9190124	2.50	5 1-	2 ACSR 6/1	0	0	1641	181	16	2	1	0.00	4.54	0
9190127	9190126	2.54	3 1-	2 ACSR 6/1	0	0	1617	181	10	1	1	0.00	4.54	0
9190129	9190127	2.58	2 1-	2 ACSR 6/1	0	0	1594	181	6	0	0	0.00	4.54	0
9190130	9190129	2.62	1 1-	2 ACSR 6/1	0	0	1569	180	0	0	0	0.00	4.54	0
9190128	9190127	2.57	1 1-	2 ACSR 6/1	0	0	1599	181	4	0	0	0.00	4.54	0
9280150	9280186	2.13	5 1-	2 ACSR 6/1	0	0	1852	183	40	5	3	0.02	3.94	0
9280156	9280150	2.16	1 1-	2 ACSR 6/1	0	0	1825	182	10	1	1	0.00	3.94	0
9280151	9280150	2.18	3 1-	2 ACSR 6/1	0	0	1810	182	23	2	2	0.00	3.94	0
9280171	9280151	2.26	1 1-	2 ACSR 6/1	0	0	1750	182	3	0	0	0.00	3.94	0
9280157	9280151	2.28	2 1-	2 ACSR 6/1	0	0	1736	182	20	2	1	0.00	3.94	0
9280184	9280185	1.97	2 1-	2 ACSR 6/1	0	0	1972	184	26	3	2	0.00	2.72	0
9280155	9280184	2.02	1 1-	2 ACSR 6/1	0	0	1926	183	14	1	1	0.00	2.72	0
9280091	9280173	0.95	36 3-	4/0 ACSR 6/1	3657	3500	3057	187	229	9	3	0.00	1.43	0
D09-28-P215	9280091	0.95	36 3-	REC-70-L	3657	3500	3057	187	229	9	14	0.00	1.43	0
9280143	D09-28-P215	0.99	36 3- 15 KV 2 URD XLP		3613	3457	3012	479	229	9	6	0.01	1.44	2
9280144	9280143	1.03	34 3- 15 KV 2 URD XLP		3569	3412	2968	477	216	9	5	0.01	1.45	2
9280142	9280144	1.08	33 3- 15 KV 2 URD XLP		3501	3344	2901	473	203	8	5	0.01	1.46	3
9280140	9280142	1.13	31 3- 15 KV 2 URD XLP		3445	3288	2847	470	195	8	5	0.01	1.47	2
9280137	9280140	1.21	27 3- 15 KV 2 URD XLP		3348	3191	2756	465	166	7	4	0.02	1.48	4
9280213	9280137	1.30	18 3- 15 KV 2 URD XLP		3228	3071	2644	460	106	-4	3	0.00	1.50	3
9280101	9280213	1.34	16 1- 15 KV 2 URD XLP		0	0	2580	457	88	11	7	0.02	1.23	1
9280099	9280101	1.38	10 1- 15 KV 2 URD XLP		0	0	2517	455	52	6	4	0.01	1.24	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 50	PINE MNT(50)				2277	2356	2541	352	9152						
SUB 50,	CKT 1		327												
BK5001+	PINE MNT(50)	0.00	170	3-	BK5001	2277	2356	2541	352	867	19	5	0.00	0.00	0
37570058+	BK5001	0.08	170	3-	1/0 ACSR 6/1	2252	2328	2496	351	867	19	8	0.01	0.01	8
37570059+	37570058	0.16	170	3-	1/0 ACSR 6/1	2225	2297	2447	350	867	19	8	0.01	0.03	9
37570076+	37570059	0.28	170	3-	336 ACSR 18/1	2199	2261	2396	349	867	19	4	0.01	0.03	4
37570077+	37570076	0.33	170	3-	336 ACSR 18/1	2188	2247	2375	349	867	19	4	0.00	0.04	2
37570074+	37570077	0.38	170	3-	336 ACSR 18/1	2177	2233	2355	349	867	19	4	0.00	0.04	2
37570088+	37570074	0.65	170	3-	336 ACSR 18/1	2122	2161	2254	348	867	19	4	0.02	0.05	9
37570089+	37570088	0.72	170	3-	336 ACSR 18/1	2107	2141	2226	347	867	19	4	0.00	0.06	3
37570007+	37570089	1.99	170	3-	336 ACSR 18/1	1881	1862	1847	341	866	19	4	0.07	0.13	43
37480007+	37570007	2.31	170	3-	336 ACSR 18/1	1831	1804	1772	340	866	19	4	0.02	0.15	11
37-48-P019-B+	37480007	2.31	170	3-	Closed	1831	1804	1772	340	866	19	0	0.00	0.15	0
37-48-P019-A+	37-48-P019-B	2.31	170	3-	Closed	1831	1804	1772	340	866	19	0	0.00	0.15	0
37480008+	37-48-P019-A	2.47	170	3-	336 ACSR 18/1	1807	1776	1736	339	866	19	4	0.01	0.16	5
37480012+	37480008	2.53	1	1-	2 ACSR 6/1	0	0	1717	338	2	0	0	0.00	0.20	0
37480006+	37480008	2.59	169	3-	336 ACSR 18/1	1790	1756	1710	338	864	19	4	0.01	0.17	4
D37-49-P004+	37480006	2.59	7	1-	REC-35-E	0	0	1710	338	40	2	8	0.00	0.21	0
37490038+	D37-49-P004	2.74	7	1-	2 ACSR 6/1	0	0	1662	336	40	2	2	0.01	0.21	0
37490039+	37490038	2.80	6	1-	2 ACSR 6/1	0	0	1643	335	37	2	1	0.00	0.22	0
37490040+	37490039	2.88	3	1-	2 ACSR 6/1	0	0	1620	334	24	1	1	0.00	0.22	0
37490042+	37490040	2.95	0	1-	2 ACSR 6/1	0	0	1597	333	0	0	0	0.00	0.22	0
37490041+	37490040	2.94	2	1-	2 ACSR 6/1	0	0	1599	333	15	0	1	0.00	0.22	0
37490010+	37480006	2.75	162	3-	336 ACSR 18/1	1767	1729	1676	338	824	18	3	0.01	0.18	5
37490029+	37490010	2.79	148	3-	2/0 ACSR 6/1	1759	1720	1665	337	775	17	6	0.01	0.18	3
37490028+	37490029	2.82	147	3-	2/0 ACSR 6/1	1754	1715	1658	337	775	17	6	0.00	0.19	2
D37-49-P020+	37490028	2.82	147	3-	ER3-WVE-300/140	1754	1715	1658	337	775	17	12	0.00	0.19	0
37490037+	D37-49-P020	2.89	147	3-	2/0 ACSR 6/1	1741	1700	1641	336	775	17	6	0.01	0.19	5
37490036+	37490037	2.97	146	3-	2/0 ACSR 6/1	1724	1683	1619	336	766	17	6	0.01	0.20	6
37390027+	37490036	2.99	1	1-	2 ACSR 6/1	0	0	1612	335	9	0	0	0.00	0.24	0
37390026+	37490036	3.04	144	3-	2/0 ACSR 6/1	1710	1667	1601	335	746	16	6	0.01	0.21	5
37390037+	37390026	3.14	143	3-	2/0 ACSR 6/1	1691	1646	1576	334	737	16	6	0.01	0.22	6
37390038+	37390037	3.27	143	3-	2/0 ACSR 6/1	1669	1621	1546	333	737	16	6	0.02	0.24	8
37380033+	37390038	3.52	143	3-	2/0 ACSR 6/1	1624	1573	1489	331	737	16	6	0.03	0.27	16
37380023+	37380033	3.60	141	3-	2/0 ACSR 6/1	1611	1559	1472	330	726	16	6	0.01	0.27	5
37380021+	37380023	3.68	141	3-	2/0 ACSR 6/1	1596	1543	1454	329	726	16	6	0.01	0.28	5
37380024+	37380021	3.95	141	3-	2/0 ACSR 6/1	1553	1496	1401	327	726	16	6	0.04	0.31	16
37380026+	37380024	4.00	140	3-	2/0 ACSR 6/1	1545	1488	1391	326	725	16	6	0.01	0.32	3
37380027+	37380026	4.05	1	1-	2 ACSR 6/1	0	0	1380	326	2	0	0	0.00	0.37	0
37380025+	37380026	4.11	138	3-	2/0 ACSR 6/1	1527	1468	1369	325	717	16	6	0.02	0.33	7
37380029+	37380025	4.16	136	3-	2/0 ACSR 6/1	1520	1461	1361	325	702	15	6	0.01	0.34	3
37380031+	37380029	4.31	136	3-	2/0 ACSR 6/1	1497	1436	1334	324	702	15	6	0.02	0.35	9
37380032+	37380031	4.41	129	3-	2/0 ACSR 6/1	1482	1420	1316	323	661	14	5	0.02	0.36	5
37380030+	37380032	4.49	2	1-	2 ACSR 6/1	0	0	1299	322	10	0	0	0.00	0.42	0
37380018+	37380032	4.58	126	3-	2/0 ACSR 6/1	1458	1394	1287	321	644	14	5	0.02	0.38	8
37380017+	37380018	4.69	125	3-	2/0 ACSR 6/1	1442	1377	1269	321	640	14	5	0.02	0.39	6
37280010+	37380017	4.86	124	3-	2/0 ACSR 6/1	1418	1352	1241	319	632	14	5	0.03	0.41	8
37280009+	37280010	5.03	122	3-	2/0 ACSR 6/1	1396	1329	1216	318	616	13	5	0.02	0.42	8
37280007+	37280009	5.08	3	1-	2 ACSR 6/1	0	0	1208	317	7	0	0	0.00	0.30	0
37280002+	37280009	5.10	119	3-	2/0 ACSR 6/1	1387	1319	1206	317	609	13	5	0.01	0.43	3
37270017+	37280002	5.61	119	3-	2/0 ACSR 6/1	1323	1253	1135	313	609	13	5	0.07	0.47	23
37270016+	37270017	5.79	117	3-	2/0 ACSR 6/1	1302	1231	1112	311	598	13	5	0.03	0.49	8

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37270003+	37270016	5.83	1 1-	2 ACSR 6/1	0	0	1106	311	12	0	0	0.00	0.61	0
37270004+	37270003	5.88	0 1-	2 ACSR 6/1	0	0	1099	310	0	0	0	0.00	0.61	0
372700026+	37270003	5.86	1 1-	2 ACSR 6/1	0	0	1102	310	12	0	0	0.00	0.61	0
37270025+	37270016	5.87	116 3-	2/0 ACSR 6/1	1293	1222	1102	311	587	13	5	0.01	0.50	3
37270020+	37270025	5.94	115 3-	2/0 ACSR 6/1	1285	1213	1094	310	581	12	5	0.01	0.50	3
D37-27-P019+	37270020	5.94	32 1-	REC-25-E	0	0	1094	310	175	11	47	0.00	0.63	0
37270021+	D37-27-P019	5.97	32 1-	2 ACSR 6/1	0	0	1089	310	175	11	7	0.01	0.63	0
37270022+	37270021	5.98	32 1-	2 ACSR 6/1	0	0	1087	310	175	11	7	0.00	0.64	0
37270023+	37270022	6.06	30 1-	2 ACSR 6/1	0	0	1076	309	159	10	6	0.01	0.65	1
37170033+	37270023	6.11	25 1-	2 ACSR 6/1	0	0	1069	308	141	9	5	0.01	0.66	0
37170034+	37170033	6.14	24 1-	2 ACSR 6/1	0	0	1064	307	132	8	5	0.00	0.66	0
37170035+	37170034	6.24	19 1-	2 ACSR 6/1	0	0	1051	306	112	7	4	0.01	0.67	0
37170031+	37170035	6.27	18 1-	2 ACSR 6/1	0	0	1046	306	102	6	4	0.00	0.67	0
37170023+	37170031	6.35	17 1-	2 ACSR 6/1	0	0	1035	305	97	6	4	0.01	0.68	0
37170024+	37170023	6.40	0 1-	2 ACSR 6/1	0	0	1028	304	0	0	0	0.00	0.68	0
37170021+	37170023	6.74	17 1-	2 ACSR 6/1	0	0	985	300	97	6	4	0.04	0.72	3
37180006+	37170021	6.81	16 1-	2 ACSR 6/1	0	0	976	299	89	5	3	0.01	0.72	0
37180007+	37180006	6.90	14 1-	2 ACSR 6/1	0	0	965	298	77	5	3	0.01	0.73	0
37180008+	37180007	6.99	12 1-	2 ACSR 6/1	0	0	955	297	68	4	3	0.01	0.74	0
37180010+	37180008	7.12	10 1-	2 ACSR 6/1	0	0	939	295	53	3	2	0.01	0.74	0
20850994+	37180010	8.06	9 1-	2 ACSR 6/1	0	0	842	284	47	3	2	0.04	0.78	1
20850995+	20850994	8.13	7 1-	2 ACSR 6/1	0	0	835	284	34	2	1	0.00	0.78	0
37190009+	20850995	8.17	1 1-	2 ACSR 6/1	0	0	831	283	4	0	0	0.00	0.78	0
20850940+	20850995	8.16	6 1-	2 ACSR 6/1	0	0	833	283	30	1	1	0.00	0.79	0
D37-19-P003+	20850940	8.16	2 1-	REC-15-E	0	0	833	283	15	1	7	0.00	0.79	0
37190008+	D37-19-P003	8.22	2 1-	2 ACSR 6/1	0	0	827	283	15	1	1	0.00	0.79	0
37190003+	20850940	8.17	4 1-	2 ACSR 6/1	0	0	831	283	14	0	1	0.00	0.79	0
37-19-P003-B+	37190003	8.17	4 1-	Closed	0	0	831	283	14	0	0	0.00	0.79	0
37-19-P003-A+	37-19-P003-B	8.17	4 1-	Closed	0	0	831	283	14	0	0	0.00	0.79	0
37190007+	37-19-P003-A	8.83	4 1-	2 ACSR 6/1	0	0	774	276	14	0	1	0.01	0.79	0
37290012+	37190007	8.85	3 1-	2 ACSR 6/1	0	0	773	276	11	0	0	0.00	0.79	0
37-29-P003-B+	37290012	8.85	3 1-	Closed	0	0	773	276	11	0	0	0.00	0.79	0
37-29-P003-A+	37-29-P003-B	8.85	3 1-	Closed	0	0	773	276	11	0	0	0.00	0.79	0
37290002+	37-29-P003-A	9.63	3 1-	2 ACSR 6/1	0	0	715	268	11	0	0	0.01	0.80	0
37290009+	37290002	9.68	2 1-	2 ACSR 6/1	0	0	712	267	11	0	0	0.00	0.80	0
37290010+	37290009	9.72	1 1-	2 ACSR 6/1	0	0	708	267	11	0	0	0.00	0.80	0
37290008+	37290002	9.73	1 1-	2 ACSR 6/1	0	0	708	267	0	0	0	0.00	0.80	0
37290011+	37290002	9.71	0 1-	2 ACSR 6/1	0	0	709	267	0	0	0	0.00	0.80	0
37180009+	37180008	7.07	2 1-	2 ACSR 6/1	0	0	945	296	15	1	1	0.00	0.74	0
37170032+	37270023	6.12	3 1-	2 ACSR 6/1	0	0	1067	308	12	0	0	0.00	0.65	0
37270019+	37270020	5.98	2 1-	2 ACSR 6/1	0	0	1087	310	4	0	0	0.00	0.63	0
37270024+	37270019	6.04	0 1-	2 ACSR 6/1	0	0	1079	309	0	0	0	0.00	0.63	0
37270018+	37270020	6.00	80 3-	4/0 ACSR 6/1	1279	1208	1087	310	401	8	3	0.00	0.51	0
37170036+	37270018	6.19	78 3-	4/0 ACSR 6/1	1261	1189	1067	309	390	8	3	0.00	0.51	2
37170025+	37170036	6.28	76 3-	4/0 ACSR 6/1	1252	1180	1057	308	383	8	3	0.00	0.52	0
37170030+	37170025	6.35	4 1-	2 ACSR 6/1	0	0	1048	307	20	1	1	0.00	0.56	0
37170026+	37170025	6.37	71 3-	4/0 ACSR 6/1	1245	1172	1048	307	359	8	2	0.00	0.52	0
37170028+	37170026	6.43	71 3-	4/0 ACSR 6/1	1239	1166	1042	307	359	8	2	0.00	0.52	0
37170029+	37170028	6.49	69 3-	4/0 ACSR 6/1	1234	1161	1036	307	349	7	2	0.00	0.52	0
37170027+	37170029	6.56	68 3-	4/0 ACSR 6/1	1228	1154	1029	306	346	7	2	0.00	0.53	0
37170022+	37170027	6.62	1 1-	2 ACSR 6/1	0	0	1021	305	5	0	0	0.00	0.37	0
37170004+	37170027	6.65	67 3-	4/0 ACSR 6/1	1220	1146	1020	306	341	7	2	0.00	0.53	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37160049+	37170004	6.70	1 1-	2 ACSR 6/1	0	0	1013	305	1	0	0	0.00	0.64	0
37160042+	37170004	6.78	66 3-	4/0 ACSR 6/1	1208	1135	1008	305	340	7	2	0.00	0.53	1
37160041+	37160042	6.85	65 3-	4/0 ACSR 6/1	1202	1129	1002	304	330	7	2	0.00	0.54	0
37160040+	37160041	6.91	1 1-	2 ACSR 6/1	0	0	994	304	11	0	0	0.00	0.65	0
37160039+	37160041	6.90	64 3-	4/0 ACSR 6/1	1199	1125	997	304	319	7	2	0.00	0.54	0
37160046+	37160039	7.02	1 1-	2 ACSR 6/1	0	0	982	302	4	0	0	0.00	0.65	0
37160048+	37160039	6.94	63 3-	4/0 ACSR 6/1	1195	1121	993	304	314	7	2	0.00	0.54	0
37160052+	37160048	6.99	1 3-	4/0 ACSR 6/1	1191	1117	989	303	0	0	0	0.00	0.54	0
37160047+	37160048	7.05	61 3-	4/0 ACSR 6/1	1186	1112	983	303	304	6	2	0.00	0.54	0
37160055+	37160047	7.12	60 3-	4/0 ACSR 6/1	1180	1106	977	303	298	6	2	0.00	0.55	0
37160054+	37160055	7.28	60 3-	4/0 ACSR 6/1	1167	1093	963	302	298	6	2	0.00	0.55	1
37160044+	37160054	7.36	56 3-	4/0 ACSR 6/1	1161	1086	956	301	279	6	2	0.00	0.55	0
37160051+	37160044	7.39	54 3-	4/0 ACSR 6/1	1158	1084	954	301	264	5	2	0.00	0.55	0
37160050+	37160051	7.43	53 3-	4/0 ACSR 6/1	1155	1081	951	301	249	5	2	0.00	0.55	0
20850939+	37160050	7.51	4 1-	2 ACSR 6/1	0	0	942	300	28	1	1	0.00	0.60	0
37160045+	20850939	7.56	2 1-	2 ACSR 6/1	0	0	936	299	17	1	1	0.00	0.60	0
20850531+	37160050	7.48	47 3-	4/0 ACSR 6/1	1152	1077	947	300	207	4	1	0.00	0.56	0
20850623+	20850531	7.53	46 3-	4/0 ACSR 6/1	1147	1073	942	300	198	4	1	0.00	0.56	0
20850622+	20850623	7.78	46 3-	4/0 ACSR 6/1	1129	1054	922	299	198	4	1	0.00	0.56	0
20850536+	20850622	7.80	1 1-	2 ACSR 6/1	0	0	920	298	4	0	0	0.00	0.65	0
37160018+	20850622	7.83	45 3-	4/0 ACSR 6/1	1125	1050	919	298	194	4	1	0.00	0.56	0
20850624+	37160018	7.90	3 1-	2 ACSR 6/1	0	0	911	297	12	0	0	0.00	0.65	0
20850697+	20850624	7.93	2 1-	2 ACSR 6/1	0	0	908	297	4	0	0	0.00	0.65	0
37160053+	20850697	7.97	1 1-	2 ACSR 6/1	0	0	903	296	1	0	0	0.00	0.65	0
20850698+	20850697	7.98	1 1-	2 ACSR 6/1	0	0	903	296	3	0	0	0.00	0.65	0
20850621+	37160018	7.86	42 3-	4/0 ACSR 6/1	1123	1048	916	298	182	4	1	0.00	0.56	0
20850620+	20850621	7.94	41 3-	4/0 ACSR 6/1	1117	1042	910	298	179	4	1	0.00	0.56	0
20850618+	20850620	8.11	31 3-	4/0 ACSR 6/1	1105	1030	897	297	157	3	1	0.00	0.57	0
37150003+	20850618	8.14	25 3-	4/0 ACSR 6/1	1103	1028	895	296	113	2	1	0.00	0.57	0
37150005+	37150003	8.56	24 3-	4/0 ACSR 6/1	1073	998	865	294	109	2	1	-0.01	0.57	1
37250012+	37150005	8.65	23 3-	4/0 ACSR 6/1	1067	992	859	293	105	2	1	0.00	0.57	0
37250011+	37250012	8.78	22 3-	4/0 ACSR 6/1	1059	984	850	293	102	2	1	0.00	0.57	0
37250014+	37250011	8.89	22 3-	4/0 ACSR 6/1	1051	977	843	292	102	2	1	0.00	0.58	0
37250013+	37250014	8.92	21 3-	4/0 ACSR 6/1	1050	975	841	292	99	2	1	0.00	0.58	0
37-25-P024-B+	37250013	8.92	21 3-	Closed	1050	975	841	292	99	2	0	0.00	0.58	0
37-25-P024-A+	37-25-P024-B	8.92	21 3-	Closed	1050	975	841	292	99	2	0	0.00	0.58	0
37250006+	37-25-P024-A	9.01	21 3-	4/0 ACSR 6/1	1044	969	835	291	99	2	1	0.00	0.58	0
20851208+	37250006	9.72	21 3-	4/0 ACSR 6/1	1000	926	792	287	99	2	1	-0.02	0.58	2
20851124+	20851208	10.00	21 3-	4/0 ACSR 6/1	984	910	776	285	99	2	1	-0.01	0.59	0
20851017+	20851124	10.05	20 3-	4/0 ACSR 6/1	981	908	773	285	95	2	1	0.00	0.59	0
20851206+	20851017	10.18	19 3-	4/0 ACSR 6/1	974	900	766	284	93	2	1	0.00	0.59	0
20851205+	20851206	10.63	19 3-	4/0 ACSR 6/1	949	876	742	282	93	2	1	-0.01	0.59	1
37240023+	20851205	10.69	19 1-	2 ACSR 6/1	0	0	738	281	93	6	3	0.01	0.72	0
D37-24-P007+	37240023	10.69	19 1-	REC-35-E	0	0	738	281	93	6	18	0.00	0.72	0
37240017+	D37-24-P007	10.81	19 1-	2 ACSR 6/1	0	0	730	280	93	6	3	0.01	0.73	0
D37-24-P002+	37240017	10.81	1 1-	FUS	0	0	730	280	3	0	5	0.00	0.73	0
37240026+	D37-24-P002	10.89	1 1-	2 ACSR 6/1	0	0	725	279	3	0	0	0.00	0.73	0
37240022+	37240026	10.98	1 1-	2 ACSR 6/1	0	0	718	278	3	0	0	0.00	0.73	0
20850413+	37240017	11.10	18 1-	2 ACSR 6/1	0	0	710	276	90	6	3	0.03	0.76	2
20850414+	20850413	11.22	17 1-	2 ACSR 6/1	0	0	703	275	81	5	3	0.01	0.77	0
20850415+	20850414	11.34	0 1-	2 ACSR 6/1	0	0	695	274	0	0	0	0.00	0.77	0
37140008+	20850414	11.31	17 1-	2 ACSR 6/1	0	0	697	274	81	5	3	0.01	0.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D37-14-P004+	37140008	11.31	1 1-	FUS	0	0	697	274	0	0	0	0.00	0.78	0
37140026+	D37-14-P004	11.47	1 1-	2 ACSR 6/1	0	0	687	273	0	0	0	0.00	0.78	0
37140009+	37140008	11.42	16 1-	2 ACSR 6/1	0	0	690	273	81	5	3	0.01	0.79	0
37140025+	37140009	11.53	15 1-	2 ACSR 6/1	0	0	683	272	76	5	3	0.01	0.79	0
37140019+	37140025	11.59	14 1-	2 ACSR 6/1	0	0	680	271	71	4	3	0.00	0.80	0
37140022+	37140019	11.62	14 1-	2 ACSR 6/1	0	0	678	271	71	4	3	0.00	0.80	0
37140023+	37140022	11.65	13 1-	2 ACSR 6/1	0	0	676	271	70	4	3	0.00	0.80	0
37140024+	37140023	11.70	12 1-	2 ACSR 6/1	0	0	673	270	59	3	2	0.00	0.80	0
37140010+	37140024	11.97	12 1-	2 ACSR 6/1	0	0	658	267	59	3	2	0.02	0.82	0
37140027+	37140010	12.03	11 1-	2 ACSR 6/1	0	0	654	267	58	3	2	0.00	0.83	0
37140028+	37140027	12.21	11 1-	2 ACSR 6/1	0	0	644	265	58	3	2	0.01	0.84	0
37130015+	37140028	12.73	10 1-	2 ACSR 6/1	0	0	617	260	58	3	2	0.03	0.87	1
37030007+	37130015	13.13	10 1-	2 ACSR 6/1	0	0	597	256	58	3	2	0.02	0.89	0
20850752+	37030007	13.22	9 1-	2 ACSR 6/1	0	0	593	255	53	3	2	0.00	0.89	0
20850751+	20850752	13.28	1 1-	2 ACSR 6/1	0	0	590	255	5	0	0	0.00	0.89	0
20850750+	20850752	13.44	8 1-	2 ACSR 6/1	0	0	583	253	47	3	2	0.01	0.90	0
20850613+	20850750	13.49	7 1-	2 ACSR 6/1	0	0	581	253	37	2	1	0.00	0.90	0
37030006+	20850613	13.73	6 1-	2 ACSR 6/1	0	0	570	251	37	2	1	0.01	0.91	0
37130008+	37030006	13.84	6 1-	2 ACSR 6/1	0	0	565	250	37	2	1	0.00	0.92	0
37130009+	37130008	13.96	6 1-	2 ACSR 6/1	0	0	560	249	37	2	1	0.00	0.92	0
37130011+	37130009	14.01	6 1-	2 ACSR 6/1	0	0	558	248	37	2	1	0.00	0.92	0
37130013+	37130011	14.05	3 1-	2 ACSR 6/1	0	0	556	248	26	1	1	0.00	0.93	0
37130014+	37130013	14.20	3 1-	2 ACSR 6/1	0	0	550	246	26	1	1	0.00	0.93	0
20850756+	37130014	14.51	2 1-	2 ACSR 6/1	0	0	538	244	20	1	1	0.01	0.94	0
37120024+	20850756	14.53	2 1-	2 ACSR 6/1	0	0	537	244	20	1	1	0.00	0.94	0
37120027+	37120024	14.90	1 1-	2 ACSR 6/1	0	0	523	240	16	1	1	0.01	0.94	0
37120028+	37120027	15.02	1 1-	2 ACSR 6/1	0	0	518	239	16	1	1	0.00	0.94	0
37120019+	37120028	15.09	1 1-	2 ACSR 6/1	0	0	516	239	16	1	1	0.00	0.94	0
37-12-P012-B+	37120019	15.09	1 1-	Closed	0	0	516	239	16	1	0	0.00	0.94	0
37-12-P012-A+	37-12-P012-B	15.09	1 1-	Closed	0	0	516	239	16	1	0	0.00	0.94	0
37120025+	37-12-P012-A	15.16	1 1-	2 ACSR 6/1	0	0	513	238	16	1	1	0.00	0.95	0
37120026+	37120025	16.20	1 1-	2 ACSR 6/1	0	0	479	230	16	1	1	0.02	0.96	0
20850612+	37120026	16.26	1 1-	2 ACSR 6/1	0	0	476	230	16	1	1	0.00	0.96	0
37130012+	37130011	14.10	3 1-	2 ACSR 6/1	0	0	554	247	11	0	0	0.00	0.93	0
37130007+	37130008	13.88	0 1-	2 ACSR 6/1	0	0	564	249	0	0	0	0.00	0.92	0
37130010+	37140028	12.23	1 1-	2 ACSR 6/1	0	0	643	265	0	0	0	0.00	0.84	0
37140021+	37140010	12.00	1 1-	2 ACSR 6/1	0	0	656	267	1	0	0	0.00	0.82	0
37140020+	37140009	11.48	1 1-	2 ACSR 6/1	0	0	686	272	4	0	0	0.00	0.79	0
37250005+	37250011	8.85	0 1-	2 ACSR 6/1	0	0	844	292	0	0	0	0.00	0.64	0
20850619+	20850618	8.15	1 1-	2 ACSR 6/1	0	0	893	296	11	0	0	0.00	0.44	0
20850616+	20850620	7.99	7 1-	2 ACSR 6/1	0	0	904	297	16	1	1	0.00	0.65	0
20850617+	20850616	8.02	7 1-	2 ACSR 6/1	0	0	902	297	16	1	1	0.00	0.65	0
37150004+	20850617	8.07	1 1-	2 ACSR 6/1	0	0	897	296	7	0	0	0.00	0.65	0
20850614+	20850620	8.01	3 1-	2 ACSR 6/1	0	0	903	297	6	0	0	0.00	0.65	0
20850615+	20850614	8.08	1 1-	2 ACSR 6/1	0	0	896	296	5	0	0	0.00	0.65	0
20850537+	20850531	7.55	1 1-	2 ACSR 6/1	0	0	938	299	9	0	0	0.00	0.65	0
37160037+	37160054	7.35	2 1-	2 ACSR 6/1	0	0	955	301	10	0	0	0.00	0.65	0
37160038+	37160037	7.39	1 1-	2 ACSR 6/1	0	0	950	300	5	0	0	0.00	0.65	0
37160036+	37160054	7.29	0 1-	2 ACSR 6/1	0	0	962	302	0	0	0	0.00	0.59	0
37160043+	37160047	7.13	1 1-	2 ACSR 6/1	0	0	974	302	5	0	0	0.00	0.65	0
37280008+	37380017	4.73	1 1-	2 ACSR 6/1	0	0	1261	320	8	0	0	0.00	0.44	0
37380022+	37380031	4.34	5 1-	2 ACSR 6/1	0	0	1328	323	28	1	1	0.00	0.41	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
37380019+	37380022	4.47	2 1-	2 ACSR 6/1	0	0	1300	322	16	1	1	0.00	0.41	0
37380020+	37380019	4.59	2 1-	2 ACSR 6/1	0	0	1276	320	16	1	1	0.00	0.41	0
37380028+	37380025	4.18	1 1-	2 ACSR 6/1	0	0	1353	324	6	0	0	0.00	0.36	0
37390013+	37390037	3.18	0 1-	2 ACSR 6/1	0	0	1566	334	0	0	0	0.00	0.27	0
37490034+	37490010	2.79	14 3-	336 ACSR 18/1	1761	1723	1669	337	48	1	0	0.00	0.18	0
37-49-P042-B+	37490034	2.79	14 3-	Closed	1761	1723	1669	337	48	1	0	0.00	0.18	0
37-49-P042-A+	37-49-P042-B	2.79	14 3-	Closed	1761	1723	1669	337	48	1	0	0.00	0.18	0
37490046+	37-49-P042-A	2.80	14 3-	336 ACSR 18/1	1760	1721	1666	337	48	1	0	0.00	0.18	0
37490035+	37490046	2.86	13 3-	336 ACSR 18/1	1752	1712	1654	337	48	1	0	0.00	0.18	0
37490033+	37490035	2.91	3 1-	2 ACSR 6/1	0	0	1638	336	7	0	0	0.00	0.22	0
37490032+	37490035	2.97	8 3-	336 ACSR 18/1	1737	1695	1633	337	38	0	0	0.00	0.18	0
37490008+	37490032	3.01	3 1-	2 ACSR 6/1	0	0	1620	336	7	0	0	0.00	0.22	0
37490031+	37490008	3.06	1 1-	2 ACSR 6/1	0	0	1605	335	1	0	0	0.00	0.22	0
37490030+	37490008	3.04	2 1-	2 ACSR 6/1	0	0	1610	335	6	0	0	0.00	0.22	0
37490009+	37490032	3.05	5 3-	336 ACSR 18/1	1726	1682	1617	336	31	0	0	0.00	0.18	0
37490044+	37490009	3.26	4 3-	336 ACSR 18/1	1698	1651	1579	335	20	0	0	0.00	0.18	0
37390036+	37490044	3.28	3 1-	2 ACSR 6/1	0	0	1573	335	17	1	1	0.00	0.18	0
37390045+	37390036	3.32	2 1-	2 ACSR 6/1	0	0	1561	334	15	1	1	0.00	0.18	0
37390047+	37390045	3.36	1 1-	2 ACSR 6/1	0	0	1551	334	3	0	0	0.00	0.18	0
37390033+	37490044	3.40	1 3-	336 ACSR 18/1	1680	1630	1553	334	3	0	0	0.00	0.18	0
37390044+	37390033	3.45	0 3-	336 ACSR 18/1	1673	1623	1543	334	0	0	0	0.00	0.18	0
37-39-P008-B+	37390044	3.45	0 3-	Open	1673	1623	1543	334	0	0	0	0.00	0.18	0
37390032+	37390033	3.46	0 1-	2 ACSR 6/1	0	0	1537	334	0	0	0	0.00	0.14	0
D37-39-P026+	37390032	3.46	0 1-	REC-50-E	0	0	1537	334	0	0	0	0.00	0.14	0
37390034+	D37-39-P026	3.78	0 1-	2 ACSR 6/1	0	0	1454	329	0	0	0	0.00	0.14	0
37490043+	37490009	3.09	1 1-	2 ACSR 6/1	0	0	1606	336	11	0	0	0.00	0.14	0
CKT 1 total losses:		\$295												

SUB 50, CKT 2

BK5002+	PINE MNT(50)	0.00	11 3-	BK5002	2277	2356	2541	352	7527	170	90	0.00	0.00	0
37570060+	BK5002	0.07	11 3-	1/0 ACSR 6/1	2254	2330	2498	351	7527	170	74	0.11	0.11	587
37570061+	37570060	0.11	11 3-	1/0 ACSR 6/1	2241	2316	2476	351	7521	170	74	0.06	0.16	318
37570056+	37570061	0.16	11 3-	1/0 ACSR 6/1	2225	2297	2447	350	7518	170	74	0.08	0.24	424
37570070+	37570056	0.27	1 1-	2 ACSR 6/1	0	0	2381	348	0	0	0	0.00	0.24	0
37570078+	37570056	0.28	10 3-	336 ACSR 18/1	2199	2261	2396	349	7514	170	32	0.07	0.31	313
37570079+	37570078	0.33	9 3-	336 ACSR 18/1	2188	2247	2375	349	7504	170	32	0.03	0.34	133
37570055+	37570079	0.38	7 3-	336 ACSR 18/1	2177	2233	2355	349	7490	169	32	0.03	0.37	130
37570073+	37570055	0.42	5 3-	336 ACSR 18/1	2168	2221	2339	349	7475	169	32	0.02	0.39	107
37570090+	37570073	0.65	2 3-	336 ACSR 18/1	2122	2161	2254	348	7457	169	32	0.13	0.52	571
37570075+	37570090	0.68	2 3-	336 ACSR 18/1	2115	2151	2240	347	7451	169	32	0.02	0.55	100
37570009+	37570075	0.72	2 3-	336 ACSR 18/1	2107	2141	2226	347	7450	169	32	0.02	0.57	101
37570094+	37570009	0.93	2 3-	336 ACSR 18/1	2066	2089	2153	346	7447	178	34	0.15	0.72	597
37470004+	37570094	0.94	2 3-	336 ACSR 18/1	2065	2087	2151	346	7441	178	34	0.00	0.73	18
37-47-P002-B+	37470004	0.94	2 3-	Closed	2065	2087	2151	346	7441	178	0	0.00	0.73	0
37-47-P002-A+	37-47-P002-B	0.94	2 3-	Closed	2065	2087	2151	346	7441	178	0	0.00	0.73	0
37470003+	37-47-P002-A	2.22	2 3-	336 ACSR 18/1	1846	1821	1794	340	7441	178	34	0.93	1.66	3622
37370005+	37470003	2.53	2 3-	336 ACSR 18/1	1799	1767	1724	339	7407	178	34	0.23	1.89	879
37250004+	37370005	5.00	2 3-	266 ACSR 18/1	1377	1314	1179	320	7399	178	39	2.70	4.59	10681
37250019+	37250004	5.57	2 3-	4/0 ACSR 6/1	1369	1305	1170	320	7299	178	52	0.08	4.67	348
37250020+	37250019	5.88	2 3-	4/0 ACSR 6/1	1337	1272	1133	318	7296	178	52	0.31	4.98	1385
37250018+	37250020	5.93	2 3-	4/0 ACSR 6/1	1332	1266	1127	317	7283	178	52	0.05	5.03	243
37250017+	37250018	6.04	2 3-	4/0 ACSR 6/1	1321	1255	1114	316	7281	178	52	0.11	5.14	492

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
			CONS	CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
37250016+	37250017	6.14	2 3-	4/0 ACSR 6/1	1311	1245	1104	316	7277	178	52	0.10	5.24	440
37250015+	37250016	6.20	2 3-	4/0 ACSR 6/1	1305	1238	1096	315	7272	178	52	0.07	5.31	304
37240025+	37250015	6.21	2 3-	1/0 ACSR 6/1	1304	1237	1095	315	7270	178	77	0.01	5.32	59
37-24-P044-B+	37240025	6.21	2 3-	Closed	1304	1237	1095	315	7269	178	0	0.00	5.32	0
37-24-P044-A+	37-24-P044-B	6.21	2 3-	Closed	1304	1237	1095	315	7269	178	0	0.00	5.32	0
20851018+	37-24-P044-A	6.49	2 3-	4/0 ACSR 6/1	1277	1210	1066	313	7269	178	52	0.28	5.60	1258
20851019+	20851018	6.53	2 3-	4/0 ACSR 6/1	1273	1206	1062	313	7257	178	52	0.04	5.64	192
20851207+	20851019	6.66	2 3-	4/0 ACSR 6/1	1261	1194	1048	312	7256	178	52	0.13	5.77	593
20851021+	20851207	6.74	2 3-	4/0 ACSR 6/1	1255	1187	1041	312	7250	178	52	0.07	5.85	339
37240015+	20851021	7.12	2 3-	4/0 ACSR 6/1	1220	1152	1004	309	7247	178	52	0.39	6.24	1766
37240024+	37240015	7.81	2 3-	4/0 ACSR 6/1	1164	1094	945	305	7230	178	52	0.68	6.92	3108
37140031+	37240024	8.09	0 3-	4/0 ACSR 6/1	1143	1073	922	303	0	0	0	0.00	6.92	0
REG3+	37140031	8.09	0 3-	333	1143	1073	922	303	0	0	0	-6.92	0.00	0
OH2+	REG3	8.20	0 3-	4/0 ACSR 6/1	1135	1065	914	302	0	0	0	0.00	0.00	0
37-14-P022-B+	OH2	8.20	0 3-	Closed	1135	1065	914	302	0	0	0	0.00	0.00	0
37-14-P022-A+	37-14-P022-B	8.20	0 3-	Closed	1135	1065	914	302	0	0	0	0.00	0.00	0
37140030+	37-14-P022-A	10.01	0 3-	4/0 ACSR 6/1	1013	943	793	291	0	0	0	0.00	0.00	0
37-03-P031-B+	37140030	10.01	0 3-	Closed	1013	943	793	291	0	0	0	0.00	0.00	0
37-03-P031-A+	37-03-P031-B	10.01	0 3-	Closed	1013	943	793	291	0	0	0	0.00	0.00	0
37030009+	37-03-P031-A	11.53	0 3-	4/0 ACSR 6/1	930	862	714	282	0	0	0	0.00	0.00	0
37120031+	37030009	12.69	0 3-	4/0 ACSR 6/1	875	807	663	275	0	0	0	0.00	0.00	0
32920002+	37120031	12.79	0 3-	4/0 ACSR 6/1	871	803	659	275	0	0	0	0.00	0.00	0
37120016+	37030009	11.55	0 3-	4/0 ACSR 6/1	929	860	713	282	0	0	0	0.00	0.00	0
37-12-P062-B+	37120016	11.55	0 3-	Closed	929	860	713	282	0	0	0	0.00	0.00	0
37-12-P062-A+	37-12-P062-B	11.55	0 3-	Closed	929	860	713	282	0	0	0	0.00	0.00	0
37120033+	37-12-P062-A	11.60	0 3-	4/0 ACSR 6/1	927	858	711	282	0	0	0	0.00	0.00	0
37120020+	37120033	11.84	0 3-	4/0 ACSR 6/1	915	846	700	280	0	0	0	0.00	0.00	0
37-12-P052-B+	37120020	11.84	0 3-	Open	915	846	700	280	0	0	0	0.00	0.00	0
20850416+	37240024	8.24	2 3-	4/0 ACSR 6/1	1131	1061	910	302	7201	178	52	0.43	7.35	1968
37470010+	20850416	8.24	2 3-	Consumer	1131	1061	910	302	7183	178	0	0.00	7.35	0
37240011+	37240015	7.17	0 3-	2 ACSR 6/1	1215	1146	999	309	0	0	0	0.00	6.24	0
37240014+	20851021	6.85	0 3-	2 ACSR 6/1	1240	1171	1026	310	0	0	0	0.00	5.85	0
20851020+	20851207	6.79	0 1-	2 ACSR 6/1	0	0	1032	311	0	0	0	0.00	5.77	0
37240013+	20851020	6.84	0 1-	2 ACSR 6/1	0	0	1025	310	0	0	0	0.00	5.77	0
20851125+	20851020	6.82	0 1-	2 ACSR 6/1	0	0	1028	310	0	0	0	0.00	5.77	0
20851022+	20851207	6.82	0 3-	4/0 ACSR 6/1	1247	1179	1033	311	0	0	0	0.00	5.77	0
D37-24-P071+	20851022	6.82	0 3-	FUS-70	1247	1179	1033	311	0	0	0	0.00	5.77	0
37240016+	D37-24-P071	6.85	0 3-	4/0 ACSR 6/1	1244	1176	1030	311	0	0	0	0.00	5.77	0
37370004+	37370005	2.59	0 1-	2 ACSR 6/1	0	0	1704	338	0	0	0	0.00	1.88	0
37570006+	37570009	1.92	0 3-	336 ACSR 18/1	1893	1877	1867	342	3	-29	5	-0.18	0.39	96
D37-48-P012+	37570006	1.92	0 3-	REC-70	1893	1877	1867	342	2	-29	0	0.00	0.39	0
37480010+	D37-48-P012	2.00	0 3-	336 ACSR 18/1	1879	1860	1845	341	2	-29	5	-0.01	0.37	7
37480009+	37480010	2.21	0 3-	336 ACSR 18/1	1847	1822	1796	340	2	-29	5	-0.03	0.34	16
37-58-P001-B+	37480009	2.21	0 3-	Closed	1847	1822	1796	340	2	-29	0	0.00	0.34	0
37-58-P001-A+	37-58-P001-B	2.21	0 3-	Closed	1847	1822	1796	340	2	-29	0	0.00	0.34	0
37580002+	37-58-P001-A	2.99	0 3-	1/0 ACSR 6/1	1680	1637	1572	332	2	-29	13	-0.16	0.18	215
C37-59-P4+	37580002	2.99	0 3-	Capacitor	1680	1637	1572	332	0	-29	0	0.00	0.18	0
37590073+	37580002	3.41	0 3-	1/0 ACSR 6/1	1601	1550	1471	328	0	0	0	0.00	0.15	0
37-69-P006-A+	37590073	3.41	0 3-	Open	1601	1550	1471	328	0	0	0	0.00	0.18	0
37570092+	37570073	0.48	3 1-	2 ACSR 6/1	0	0	2306	348	18	1	1	0.00	0.40	0
37570093+	37570092	0.55	1 1-	2 ACSR 6/1	0	0	2269	347	4	0	0	0.00	0.40	0
37570091+	37570092	0.54	1 1-	2 ACSR 6/1	0	0	2272	347	7	0	0	0.00	0.40	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
CKT 2	total losses:														
		\$31,410													
SUB 50, CKT 3															
BK5003+	PINE MNT(50)	0.00	146 3-	BK5003	2277	2356	2541	352	758	32	8	0.00	0.00	0	0
37570063+	BK5003	0.05	146 3-	1/0 ACSR 6/1	2261	2338	2512	351	758	32	14	0.00	0.00	0.00	14
C37-57-P75+	37570063	0.05	0 3-	Capacitor	2261	2338	2512	351	0	-29	0	0.00	0.00	0.00	0
37570062+	37570063	0.09	146 3-	1/0 ACSR 6/1	2248	2323	2488	351	758	16	7	0.01	0.00	0.00	4
37570057+	37570062	0.14	144 3-	1/0 ACSR 6/1	2232	2305	2459	350	747	16	7	0.01	0.01	0.01	5
37570011+	37570057	0.22	143 3-	1/0 ACSR 6/1	2207	2276	2415	349	741	16	7	0.02	0.02	0.02	7
37570071+	37570011	0.27	0 1-	2 ACSR 6/1	0	0	2384	349	0	0	0	0.00	-0.01	0.00	0
37570069+	37570011	0.29	142 3-	1/0 ACSR 6/1	2184	2249	2375	349	731	16	7	0.01	0.03	0.03	7
37570067+	37570069	0.34	141 3-	1/0 ACSR 6/1	2167	2229	2346	348	724	16	7	0.01	0.04	0.04	5
37570068+	37570067	0.37	1 1-	2 ACSR 6/1	0	0	2328	348	4	0	0	0.00	0.00	0.00	0
37570066+	37570067	0.39	1 1-	2 ACSR 6/1	0	0	2318	347	6	0	0	0.00	0.06	0.06	0
37570065+	37570067	0.41	8 1-	2 ACSR 6/1	0	0	2305	347	47	3	2	0.00	0.06	0.06	0
37570054+	37570065	0.44	6 1-	2 ACSR 6/1	0	0	2289	347	36	2	1	0.00	0.06	0.06	0
37570053+	37570054	0.48	2 1-	2 ACSR 6/1	0	0	2264	346	13	0	0	0.00	0.06	0.06	0
37570064+	37570054	0.47	2 1-	2 ACSR 6/1	0	0	2271	346	18	1	1	0.00	0.06	0.06	0
37570080+	37570067	0.42	130 3-	1/0 ACSR 6/1	2145	2202	2307	347	666	14	6	0.01	0.05	0.06	4
37570081+	37570080	0.46	129 3-	1/0 ACSR 6/1	2131	2186	2283	347	659	14	6	0.01	0.05	0.05	6
D37-57-P006+	37570081	0.46	129 3-	FUS-35	2131	2186	2283	347	659	14	54	0.00	0.05	0.00	0
37570080+	D37-57-P006	0.53	128 3-	1/0 ACSR 6/1	2112	2163	2251	346	659	14	6	0.01	0.06	0.06	5
37570087+	37570080	0.58	123 3-	1/0 ACSR 6/1	2097	2145	2226	346	632	14	6	0.01	0.07	0.07	4
37570086+	37570087	0.63	7 1-	2 ACSR 6/1	0	0	2197	345	34	2	1	0.00	0.09	0.09	0
37570072+	37570086	0.68	5 1-	2 ACSR 6/1	0	0	2170	344	34	2	1	0.00	0.10	0.10	0
37560048+	37570072	0.74	4 1-	2 ACSR 6/1	0	0	2141	343	25	1	1	0.00	0.10	0.10	0
37560072+	37560048	0.83	1 1-	2 ACSR 6/1	0	0	2094	342	10	0	0	0.00	0.10	0.10	0
37560053+	37560048	0.78	2 1-	2 ACSR 6/1	0	0	2119	342	7	0	0	0.00	0.10	0.10	0
37570085+	37570087	0.66	115 3-	1/0 ACSR 6/1	2071	2115	2184	345	592	13	6	0.01	0.08	0.08	6
37560050+	37570085	0.74	113 3-	1/0 ACSR 6/1	2050	2089	2149	344	580	12	6	0.01	0.08	0.08	5
37560049+	37560050	0.82	1 1-	2 ACSR 6/1	0	0	2106	343	8	0	0	0.00	0.11	0.11	0
37560064+	37560050	0.79	112 3-	1/0 ACSR 6/1	2036	2072	2126	343	572	12	6	0.01	0.09	0.09	3
37560065+	37560064	0.88	111 3-	1/0 ACSR 6/1	2011	2042	2087	342	567	12	6	0.01	0.10	0.10	5
37560057+	37560065	0.97	108 3-	1/0 ACSR 6/1	1985	2011	2046	341	548	12	5	0.01	0.11	0.11	6
37560069+	37560057	1.06	104 3-	1/0 ACSR 6/1	1961	1982	2008	340	526	11	5	0.01	0.12	0.12	5
37560071+	37560069	1.13	2 1-	2 ACSR 6/1	0	0	1980	340	9	0	0	0.00	0.00	0.00	0
37560067+	37560071	1.19	1 1-	2 ACSR 6/1	0	0	1953	339	9	0	0	0.00	0.00	0.00	0
37560070+	37560069	1.11	99 3-	1/0 ACSR 6/1	1947	1966	1988	340	512	11	5	0.01	0.12	0.12	3
37560061+	37560070	1.19	90 3-	1/0 ACSR 6/1	1929	1944	1959	339	434	9	4	0.01	0.13	0.13	3
D37-56-P009+	37560061	1.19	4 1-	FUS-25	0	0	1959	339	11	0	3	0.00	0.15	0.00	0
37560080+	D37-56-P009	1.21	4 1-	2 ACSR 6/1	0	0	1950	339	11	0	0	0.00	0.15	0.00	0
37560078+	37560080	1.64	4 1-	2 ACSR 6/1	0	0	1773	333	11	0	0	0.00	0.16	0.00	0
37560079+	37560078	1.82	4 1-	2 ACSR 6/1	0	0	1707	330	11	0	0	0.00	0.16	0.00	0
37560077+	37560079	1.88	4 1-	2 ACSR 6/1	0	0	1684	329	11	0	0	0.00	0.16	0.00	0
37560008+	37560077	2.53	4 1-	2 ACSR 6/1	0	0	1479	320	11	0	0	0.01	0.17	0.00	0
37460005+	37560008	2.58	2 1-	2 ACSR 6/1	0	0	1465	319	10	0	0	0.00	0.17	0.00	0
37460003+	37560008	2.72	2 1-	2 ACSR 6/1	0	0	1427	318	1	0	0	0.00	0.17	0.00	0
37560062+	37560061	1.27	85 3-	1/0 ACSR 6/1	1907	1918	1926	338	418	9	4	0.01	0.13	0.13	3
37560055+	37560062	1.32	2 1-	2 ACSR 6/1	0	0	1907	338	8	0	0	0.00	0.16	0.00	0
37560009+	37560062	1.36	83 3-	1/0 ACSR 6/1	1886	1893	1894	337	410	9	4	0.01	0.14	0.14	3
37560047+	37560009	1.41	1 1-	2 ACSR 6/1	0	0	1872	337	1	0	0	0.00	0.17	0.00	0
37560044+	37560009	1.43	82 3-	1/0 ACSR 6/1	1866	1870	1866	337	409	9	4	0.01	0.15	0.15	3

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
37560054+	37560044	1.49	1 1-	2 ACSR 6/1	0		1845	336	3	0	0	0.00	0.17	0
37560045+	37560044	1.51	80 3-	1/0 ACSR 6/1	1848	1848	1839	336	404	9	4	0.01	0.15	3
37560075+	37560045	1.56	75 3-	1/0 ACSR 6/1	1837	1834	1823	335	378	8	4	0.00	0.15	1
37560076+	37560075	1.62	74 3-	1/0 ACSR 6/1	1821	1816	1800	335	371	8	4	0.01	0.16	2
37560052+	37560076	1.86	74 3-	1/0 ACSR 6/1	1766	1752	1723	332	371	8	4	0.02	0.18	7
37550005+	37560052	1.94	73 3-	1/0 ACSR 6/1	1749	1733	1699	332	364	8	4	0.01	0.18	2
37550006+	37550005	2.02	71 3-	1/0 ACSR 6/1	1731	1712	1675	331	348	7	3	0.01	0.19	2
37550008+	37550006	2.11	68 3-	1/0 ACSR 6/1	1713	1691	1650	330	330	7	3	0.01	0.19	2
37650015+	37550008	2.22	68 3-	1/0 ACSR 6/1	1688	1662	1616	329	330	7	3	0.01	0.20	3
37650006+	37650015	2.46	66 3-	1/0 ACSR 6/1	1641	1608	1554	326	321	7	3	0.02	0.21	5
37650021+	37650006	2.55	65 3-	1/0 ACSR 6/1	1623	1587	1530	325	319	7	3	0.01	0.22	2
37650020+	37650021	2.62	2 1-	2 ACSR 6/1	0	0	1509	324	9	0	0	0.00	0.25	0
37650007+	37650021	2.87	63 3-	1/0 ACSR 6/1	1562	1520	1454	322	310	6	3	0.02	0.24	7
37650018+	37650007	2.92	1 1-	2 ACSR 6/1	0	0	1440	322	3	0	0	0.00	0.27	0
37650008+	37650007	3.02	62 3-	1/0 ACSR 6/1	1537	1491	1422	321	307	6	3	0.01	0.24	3
37650019+	37650008	3.07	0 1-	2 ACSR 6/1	0	0	1407	320	0	0	0	0.00	-0.03	0
37650005+	37650008	3.15	62 3-	1/0 ACSR 6/1	1514	1466	1393	320	307	6	3	0.01	0.25	3
37-64-P023-B+	37650005	3.15	62 3-	Closed	1514	1466	1393	320	307	6	0	0.00	0.25	0
37-64-P023-A+	37-64-P023-B	3.15	62 3-	Closed	1514	1466	1393	320	307	6	0	0.00	0.25	0
37640004+	37-64-P023-A	3.22	62 3-	1/0 ACSR 6/1	1502	1453	1379	319	307	6	3	0.00	0.26	1
37640023+	37640004	3.28	1 1-	2 ACSR 6/1	0	0	1364	318	11	0	0	0.00	0.29	0
37640005+	37640004	3.26	61 3-	1/0 ACSR 6/1	1494	1444	1369	319	296	6	3	0.00	0.26	0
37640024+	37640005	3.32	2 1-	2 ACSR 6/1	0	0	1357	318	4	0	0	0.00	-0.03	0
37640021+	37640005	3.35	59 3-	1/0 ACSR 6/1	1480	1428	1352	318	292	6	3	0.00	0.26	2
37640022+	37640021	3.63	58 3-	1/0 ACSR 6/1	1435	1379	1298	315	288	6	3	0.01	0.28	6
37640032+	37640022	3.69	2 1-	2 ACSR 6/1	0	0	1287	314	8	0	0	0.00	0.31	0
37640020+	37640032	3.72	1 1-	2 ACSR 6/1	0	0	1280	314	8	0	0	0.00	0.31	0
37640030+	37640022	3.79	56 3-	1/0 ACSR 6/1	1411	1352	1270	314	280	6	3	0.01	0.29	3
37640031+	37640030	3.99	55 3-	1/0 ACSR 6/1	1382	1322	1237	312	274	6	3	0.01	0.30	4
37640029+	37640031	4.05	1 1-	2 ACSR 6/1	0	0	1224	311	6	0	0	0.00	0.33	0
37640006+	37640031	4.20	54 3-	1/0 ACSR 6/1	1351	1288	1201	310	268	5	3	0.01	0.31	4
37640027+	37640006	4.25	53 3-	1/0 ACSR 6/1	1344	1281	1194	309	264	5	3	0.00	0.31	0
37640028+	37640027	4.44	52 3-	1/0 ACSR 6/1	1319	1254	1165	308	262	5	3	0.01	0.32	3
37630024+	37640028	4.53	50 3-	1/0 ACSR 6/1	1307	1242	1152	307	251	5	2	0.00	0.32	2
37630025+	37630024	4.60	50 3-	1/0 ACSR 6/1	1297	1231	1141	306	251	5	2	0.00	0.33	1
37630026+	37630025	4.66	48 3-	1/0 ACSR 6/1	1290	1224	1134	306	244	5	2	0.00	0.33	0
37630027+	37630026	4.66	46 3-	1/0 ACSR 6/1	1289	1223	1132	306	227	5	2	0.00	0.33	0
37-63-P031-B+	37630027	4.66	46 3-	Closed	1289	1223	1132	306	227	5	0	0.00	0.33	0
37-63-P031-A+	37-63-P031-B	4.66	46 3-	Closed	1289	1223	1132	306	227	5	0	0.00	0.33	0
37630006+	37-63-P031-A	4.72	46 3-	1/0 ACSR 6/1	1283	1216	1125	305	227	5	2	0.00	0.33	0
37630023+	37630006	4.73	3 3-	4/0 ACSR 6/1	1281	1214	1123	305	15	0	0	0.00	0.33	0
37630022+	37630023	4.81	2 3-	4/0 ACSR 6/1	1274	1206	1114	305	9	0	0	0.00	0.33	0
37630021+	37630022	5.27	1 3-	4/0 ACSR 6/1	1231	1161	1063	302	1	0	0	0.00	0.33	0
37730076+	37630021	5.31	1 3-	4/0 ACSR 6/1	1228	1158	1060	302	1	0	0	0.00	0.33	0
37730002+	37630021	5.46	0 3-	1/0 ACSR 6/1	1209	1138	1040	300	0	0	0	0.00	0.33	0
37-73-P002-A+	37730002	5.46	0 3-	Open	1209	1138	1040	300	0	0	0	0.00	0.33	0
37630028+	37630006	4.75	43 3-	4/0 ACSR 6/1	1280	1213	1122	305	211	4	1	0.00	0.33	0
37630030+	37630028	4.78	43 3-	4/0 ACSR 6/1	1277	1209	1118	305	211	4	1	0.00	0.33	0
D37-63-P016+	37630030	4.78	40 3-	ER3-WVE-280/140	1277	1209	1118	305	194	4	0	0.00	0.33	0
37630034+	D37-63-P016	5.19	40 3-	4/0 ACSR 6/1	1239	1169	1073	302	194	4	1	0.01	0.34	3
37630033+	37630034	5.29	38 3-	4/0 ACSR 6/1	1230	1159	1062	302	184	4	1	0.00	0.34	0
37630031+	37630033	5.33	38 3-	4/0 ACSR 6/1	1225	1155	1057	302	184	4	1	0.00	0.34	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
37630032+	37630031	6.74	37 3-	4/0 ACSR 6/1	1112	1038	929	293	176	3	1	0.02	0.37	10
37520002+	37630032	7.91	37 3-	4/0 ACSR 6/1	1032	957	843	286	176	3	1	0.02	0.39	8
37420003+	37520002	8.18	37 3-	4/0 ACSR 6/1	1015	940	826	285	175	3	1	0.00	0.39	2
37420004+	37420003	8.67	37 3-	4/0 ACSR 6/1	987	912	797	282	175	3	1	0.01	0.40	3
37320002+	37420004	8.70	37 3-	4/0 ACSR 6/1	985	910	795	282	175	3	1	0.00	0.40	0
37320002+	37320021	8.76	1 1-	2 ACSR 6/1	0	0	789	281	4	0	0	0.00	0.42	0
37320001+	37320021	8.71	36 3-	4/0 ACSR 6/1	984	909	794	282	172	3	1	0.00	0.40	0
37320001+	37320019	8.80	36 3-	4/0 ACSR 6/1	979	905	789	282	172	3	1	0.00	0.41	0
37320008+	37320018	9.29	36 3-	4/0 ACSR 6/1	952	878	762	279	172	3	1	0.01	0.41	3
37320001+	37320008	9.31	1 3-	2 ACSR 6/1	950	876	760	279	8	0	0	0.00	0.41	0
D37-32-P039+	37320011	9.31	0 3-	FUS-100	950	876	760	279	0	0	0	0.00	0.41	0
37320001+	37320008	9.50	35 3-	4/0 ACSR 6/1	941	867	750	278	164	3	1	0.00	0.42	1
37220001+	37320010	9.59	0 3-	4/0 ACSR 6/1	936	862	746	277	0	0	0	0.00	0.42	0
37220002+	37220001	9.69	0 3-	4/0 ACSR 6/1	931	857	740	277	0	0	0	0.00	0.42	0
20851011+	37320010	10.02	35 3-	4/0 ACSR 6/1	914	841	724	275	164	3	1	0.01	0.43	3
20851012+	20851011	10.52	33 3-	4/0 ACSR 6/1	890	817	700	272	160	3	1	0.01	0.43	3
20851015+	20851012	10.57	33 3-	4/0 ACSR 6/1	888	815	698	272	160	3	1	0.00	0.44	0
20851016+	20851015	10.65	33 3-	4/0 ACSR 6/1	884	811	694	271	160	3	1	0.00	0.44	0
20850755+	20851016	10.69	1 1-	2 ACSR 6/1	0	0	692	271	5	0	0	0.00	-0.25	0
371200017+	20851016	10.73	32 3-	4/0 ACSR 6/1	880	808	691	271	155	3	1	0.00	0.44	0
20850753+	371200017	10.74	32 3-	4/0 ACSR 6/1	880	807	691	271	155	3	1	0.00	0.44	0
20850754+	20850753	11.01	31 3-	4/0 ACSR 6/1	868	795	679	269	154	3	1	0.00	0.44	2
371200015+	20850754	11.17	31 3-	4/0 ACSR 6/1	861	789	672	269	154	3	1	0.00	0.45	0
37-12-P001-B+	371200015	11.17	31 3-	Closed	861	789	672	269	154	3	0	0.00	0.45	0
37-12-P001-A+	37-12-P001-B	11.17	31 3-	Closed	861	789	672	269	154	3	0	0.00	0.45	0
371200014+	37-12-P001-A	11.32	31 3-	4/0 ACSR 6/1	854	782	666	268	154	3	1	0.00	0.45	0
36190002+	37120014	11.37	31 3-	4/0 ACSR 6/1	852	780	664	268	154	3	1	0.00	0.45	0
36190006+	36190002	12.80	31 3-	4/0 ACSR 6/1	795	725	610	260	154	3	1	0.02	0.47	9
360900016+	36190006	12.89	28 1-	2 ACSR 6/1	0	0	605	259	146	9	5	0.01	1.27	2
D31-99-P012+	360900016	12.89	26 1-	REC-35-E	0	0	605	259	144	9	28	0.00	1.27	0
319900007+	D31-99-P012	13.13	26 1-	2 ACSR 6/1	0	0	594	257	144	9	5	0.04	1.31	4
360900015+	31990007	13.18	26 1-	2 ACSR 6/1	0	0	592	257	144	9	5	0.01	1.31	0
360900022+	360900015	13.33	26 1-	2 ACSR 6/1	0	0	585	255	144	9	5	0.02	1.34	3
360900023+	36090022	13.42	25 1-	2 ACSR 6/1	0	0	581	254	139	9	5	0.01	1.35	1
360900014+	36090023	13.46	24 1-	2 ACSR 6/1	0	0	579	254	137	9	5	0.01	1.35	0
360900019+	36090014	13.48	23 1-	2 ACSR 6/1	0	0	578	254	136	9	5	0.00	1.36	0
36-09-P001-B+	36090019	13.48	23 1-	Closed	0	0	578	254	136	9	0	0.00	1.36	0
36-09-P001-A+	36-09-P001-B	13.48	23 1-	Closed	0	0	578	254	136	9	0	0.00	1.36	0
360900024+	36-09-P001-A	14.27	23 1-	2 ACSR 6/1	0	0	545	247	136	9	5	0.11	1.47	11
319900008+	36090024	14.39	22 1-	2 ACSR 6/1	0	0	540	246	131	8	5	0.02	1.48	2
D31-89-P021+	31990008	14.39	15 1-	FUS-15	0	0	540	246	99	6	50	0.00	1.48	0
318900025+	D31-89-P021	14.44	15 1-	2 ACSR 6/1	0	0	538	245	99	6	4	0.01	1.49	0
318900026+	31890025	14.47	14 1-	2 ACSR 6/1	0	0	537	245	90	6	3	0.00	1.49	0
31-89-P025-B+	31890026	14.47	14 1-	Closed	0	0	537	245	90	6	0	0.00	1.49	0
31-89-P025-A+	31-89-P025-B	14.47	14 1-	Closed	0	0	537	245	90	6	0	0.00	1.49	0
318900004+	31-89-P025-A	14.57	14 1-	2 ACSR 6/1	0	0	533	244	90	6	3	0.01	1.50	0
31-89-P010-B+	31890004	14.57	14 1-	Closed	0	0	533	244	90	6	0	0.00	1.50	0
31-89-P010-A+	31-89-P010-B	14.57	14 1-	Closed	0	0	533	244	90	6	0	0.00	1.50	0
318900003+	31-89-P010-A	14.59	14 1-	2 ACSR 6/1	0	0	533	244	90	6	3	0.00	1.50	0
D31-89-P010+	31890003	14.59	9 1-	FUS	0	0	533	244	58	3	88	0.00	1.50	0
318900023+	D31-89-P010	14.65	9 1-	2 ACSR 6/1	0	0	530	243	58	3	2	0.00	1.50	0
318900024+	31890023	14.74	6 1-	2 ACSR 6/1	0	0	527	243	28	1	1	0.00	1.51	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
31890034+	31890024	14.84	5 1-	2 ACSR 6/1	0	0	523	242	27	1	1	0.00	1.51	0
31890037+	31890034	14.91	4 1-	2 ACSR 6/1	0	0	520	241	16	1	1	0.00	1.51	0
31890038+	31890037	14.95	3 1-	2 ACSR 6/1	0	0	519	241	11	0	0	0.00	1.51	0
31890040+	31890038	15.00	3 1-	2 ACSR 6/1	0	0	517	240	11	0	0	0.00	1.51	0
31890031+	31890040	15.13	2 1-	2 ACSR 6/1	0	0	512	239	10	0	0	0.00	1.51	0
31890039+	31890031	15.18	1 1-	2 ACSR 6/1	0	0	511	239	3	0	0	0.00	1.51	0
31890029+	31890023	14.75	1 1-	2 ACSR 6/1	0	0	527	243	13	0	1	0.00	1.50	0
31890027+	31890003	14.77	5 1-	2 ACSR 6/1	0	0	526	242	32	2	1	0.00	1.51	0
31890028+	31890027	14.93	4 1-	2 ACSR 6/1	0	0	520	241	21	1	1	0.00	1.51	0
31890030+	31890028	14.98	1 1-	2 ACSR 6/1	0	0	518	241	8	0	0	0.00	1.51	0
31890035+	31890028	15.13	3 1-	2 ACSR 6/1	0	0	513	239	14	0	1	0.00	1.51	0
31890036+	31890035	15.40	1 1-	2 ACSR 6/1	0	0	503	237	0	0	0	0.00	1.51	0
D31-89-P021A+	31990008	14.39	6 1-	FUS-15	0	0	540	246	32	2	16	0.00	1.48	0
31890032+	D31-89-P021A	14.47	6 1-	2 ACSR 6/1	0	0	537	245	32	2	1	0.00	1.48	0
31990010+	31890032	14.51	5 1-	2 ACSR 6/1	0	0	536	245	23	1	1	0.00	1.49	0
31980008+	31990010	14.57	5 1-	2 ACSR 6/1	0	0	533	244	23	1	1	0.00	1.49	0
31980011+	31980008	14.72	4 1-	2 ACSR 6/1	0	0	528	243	18	1	1	0.00	1.49	0
31980010+	31980011	14.95	2 1-	2 ACSR 6/1	0	0	519	241	4	0	0	0.00	1.49	0
31980009+	31980010	15.00	2 1-	2 ACSR 6/1	0	0	517	240	4	0	0	0.00	1.49	0
31980007+	31980009	15.18	1 1-	2 ACSR 6/1	0	0	511	239	3	0	0	0.00	1.49	0
31980012+	31980011	14.77	1 1-	2 ACSR 6/1	0	0	526	242	4	0	0	0.00	1.49	0
31990009+	31890032	14.52	0 1-	2 ACSR 6/1	0	0	535	245	0	0	0	0.00	1.48	0
D31-99-P012A+	36090016	12.89	1 1-	REC-35-E	0	0	605	259	0	0	0	0.00	1.27	0
31990011+	D31-99-P012A	13.06	1 1-	2 ACSR 6/1	0	0	597	258	0	0	0	0.00	1.27	0
36090018+	36190006	12.84	2 1-	2 ACSR 6/1	0	0	608	260	8	0	0	0.00	-0.34	0
36090017+	36190006	13.00	1 3-	4/0 ACSR 6/1	787	718	603	259	0	0	0	0.00	0.47	0
D36-09-P033+	36090017	13.00	0 3-	ER3-RVE-200/100	787	718	603	259	0	0	0	0.00	0.47	0
36090020+	D36-09-P033	13.00	0 3-	4/0 ACSR 6/1	787	718	603	259	0	0	0	0.00	0.47	0
36-09-P042-B+	36090020	13.00	0 3-	Closed	787	718	603	259	0	0	0	0.00	0.47	0
36-09-P042-A+	36-09-P042-B	13.00	0 3-	Closed	787	718	603	259	0	0	0	0.00	0.47	0
36090021+	36-09-P042-A	13.01	0 3-	4/0 ACSR 6/1	787	718	603	259	0	0	0	0.00	0.47	0
36190007+	36190002	11.44	0 1-	2 ACSR 6/1	0	0	660	267	0	0	0	0.00	0.47	0
36190008+	36190007	11.46	0 1-	2 ACSR 6/1	0	0	659	267	0	0	0	0.00	0.47	0
37120018+	20850754	11.09	0 3-	4/0 ACSR 6/1	864	792	675	269	0	0	0	0.00	0.44	0
37-12-P052-A+	37120018	11.09	0 3-	Open	864	792	675	269	0	0	0	0.00	0.44	0
20851014+	20851015	10.64	0 1-	2 ACSR 6/1	0	0	694	271	0	0	0	0.00	0.45	0
20851013+	20851012	10.62	0 1-	2 ACSR 6/1	0	0	694	271	0	0	0	0.00	-0.25	0
37320009+	37320008	9.30	0 1-	2 ACSR 6/1	0	0	760	279	0	0	0	0.00	0.43	0
37320007+	37320018	8.85	0 1-	2 ACSR 6/1	0	0	784	281	0	0	0	0.00	0.42	0
37630029+	37630030	4.80	2 1-	2 ACSR 6/1	0	0	1114	305	12	0	0	0.00	-0.06	0
37630005+	37630024	4.58	0 1-	2 ACSR 6/1	0	0	1142	306	0	0	0	0.00	-0.05	0
37640025+	37640006	4.25	1 1-	2 ACSR 6/1	0	0	1193	309	4	0	0	0.00	0.34	0
37650016+	37650015	2.28	2 1-	2 ACSR 6/1	0	0	1599	328	9	0	0	0.00	0.23	0
37650017+	37650016	2.32	1 1-	2 ACSR 6/1	0	0	1585	327	0	0	0	0.00	0.23	0
37550007+	37560052	1.93	1 1-	2 ACSR 6/1	0	0	1700	331	7	0	0	0.00	-0.01	0
37560046+	37560045	1.54	2 1-	2 ACSR 6/1	0	0	1829	335	14	0	1	0.00	0.29	0
37560006+	37560070	1.15	7 1-	2 ACSR 6/1	0	0	1971	339	59	3	2	0.00	0.22	0
37560058+	37560060	1.19	6 1-	2 ACSR 6/1	0	0	1952	339	56	3	2	0.00	0.23	0
37560059+	37560058	1.23	4 1-	2 ACSR 6/1	0	0	1936	338	35	2	1	0.00	0.23	0
37560056+	37560059	1.25	0 1-	2 ACSR 6/1	0	0	1925	338	0	0	0	0.00	0.23	0
37560010+	37560059	1.27	3 1-	2 ACSR 6/1	0	0	1920	338	23	1	1	0.00	0.23	0
37560073+	37560010	1.31	2 1-	2 ACSR 6/1	0	0	1900	337	10	0	0	0.00	0.23	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37560074+	37560073	1.37	1 1-	2 ACSR 6/1	0	0	1878	336	6	0	0	0.00	0.23	0
37560066+	37560010	1.30	1 1-	2 ACSR 6/1	0	0	1908	337	13	0	0	0.00	0.23	0
37560068+	37560057	1.02	3 1-	2 ACSR 6/1	0	0	2022	341	17	1	1	0.00	0.00	0
37560051+	37560065	0.97	1 1-	2 ACSR 6/1	0	0	2043	341	3	0	0	0.00	0.12	0
37570082+	37570008	0.55	5 1-	2 ACSR 6/1	0	0	2240	346	27	1	1	0.00	0.09	0
37570083+	37570082	0.56	3 1-	2 ACSR 6/1	0	0	2232	346	14	0	1	0.00	0.09	0
37570084+	D37-57-P006	0.83	1 1-	2 ACSR 6/1	0	0	2089	341	0	0	0	0.00	0.08	0

CKT 3 total losses: \$244

SUB 50 total losses: \$31,949

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 51 BLEDSOE(51)			891		2753	2810	2943	355	7190					
SUB 51, CKT 1														
BK5101+	BLEDSOE(51)	0.00	717 3-	BK5101	2753	2810	2943	355	4163	91 51	0.00	0.00	0.00	0
36880011+	BK5101	0.01	717 3-	1/0 ACSR 6/1	2746	2802	2931	355	4163	91 40	0.01	0.01	0.01	37
36880012+	36880011	0.04	717 3-	1/0 ACSR 6/1	2732	2788	2908	355	4163	91 40	0.03	0.03	0.03	73
D36-88-P010A+	36880012	0.04	1 1-	FUS	0	0	2908	355	7	0 10	0.00	0.04	0.04	0
36880053+	D36-88-P010A	0.15	1 1-	2 ACSR 6/1	0	0	2821	353	7	0 0	0.00	0.04	0.04	0
D36-88-P010+	36880012	0.04	0 1-	FUS	0	0	2908	355	0	0 0	0.00	0.02	0.02	0
36880050+	D36-88-P010	0.08	0 1-	2 ACSR 6/1	0	0	2878	354	0	0 0	0.00	0.02	0.02	0
36880013+	36880012	0.20	716 3-	1/0 ACSR 6/1	2661	2707	2789	353	4156	91 40	0.15	0.14	0.14	399
D36-88-P014+	36880013	0.20	2 1-	FUS	0	0	2789	353	13	0 20	0.00	0.12	0.12	0
36880051+	D36-88-P014	0.25	2 1-	2 ACSR 6/1	0	0	2749	352	13	0 0	0.00	0.12	0.12	0
36880014+	36880013	0.26	714 3-	1/0 ACSR 6/1	2636	2679	2748	352	4139	91 40	0.05	0.18	0.140	140
D36-88-P034+	36880014	0.26	1 1-	FUS	0	0	2748	352	1	0 2	0.00	0.14	0.14	0
36880052+	D36-88-P034	0.32	1 1-	2 ACSR 6/1	0	0	2704	352	1	0 0	0.00	0.14	0.14	0
36880019+	36880014	0.30	713 3-	1/0 ACSR 6/1	2618	2659	2719	352	4136	91 40	0.04	0.21	0.102	102
36880037+	36880019	0.37	712 3-	1/0 ACSR 6/1	2590	2627	2674	351	4124	91 40	0.06	0.25	0.161	161
36880045+	36880037	0.44	710 3-	1/0 ACSR 6/1	2560	2592	2626	350	4122	91 40	0.07	0.30	0.177	177
36880046+	36880045	0.46	709 3-	1/0 ACSR 6/1	2551	2581	2612	350	4114	90 40	0.02	0.32	0.52	52
36880047+	36880046	0.53	708 3-	1/0 ACSR 6/1	2522	2547	2566	350	4106	90 39	0.07	0.36	0.172	172
20852116+	36880047	0.60	3 1-	2 ACSR 6/1	0	0	2520	348	19	1 1	0.00	0.30	0.30	0
36880049+	20852116	0.70	1 1-	2 ACSR 6/1	0	0	2453	347	11	0 0	0.00	0.31	0.31	0
36780010+	36880047	0.57	704 3-	1/0 ACSR 6/1	2505	2528	2541	349	4079	90 39	0.04	0.39	0.97	97
36780011+	36780010	0.62	703 3-	1/0 ACSR 6/1	2485	2505	2510	349	4074	90 39	0.05	0.43	1.119	119
36780012+	36780011	0.71	702 3-	1/0 ACSR 6/1	2449	2463	2455	348	4063	89 39	0.09	0.49	2.20	220
36780013+	36780012	0.79	700 3-	1/0 ACSR 6/1	2417	2426	2408	347	4056	89 39	0.08	0.54	1.93	193
36780014+	36780013	0.82	0 1-	2 ACSR 6/1	0	0	2389	346	0	0 0	0.00	0.75	0.75	0
36780003+	36780013	0.93	700 3-	1/0 ACSR 6/1	2365	2366	2332	345	4055	89 39	0.13	0.63	3.27	327
36780004+	36780003	1.08	700 3-	1/0 ACSR 6/1	2309	2301	2251	344	4052	89 39	0.14	0.74	3.65	365
36790182+	36780004	1.15	699 3-	1/0 ACSR 6/1	2286	2274	2218	343	4032	89 39	0.06	0.78	1.56	156
36790183+	36790182	1.19	697 3-	1/0 ACSR 6/1	2270	2256	2196	343	4011	89 39	0.04	0.81	1.03	103
D36-79-P005+	36790183	1.19	2 1-	FUS	0	0	2196	343	14	0 21	0.00	0.65	0.65	0
36790266+	D36-79-P005	1.21	2 1-	2 ACSR 6/1	0	0	2186	342	14	0 1	0.00	0.65	0.65	0
36790184+	36790266	1.23	1 1-	2 ACSR 6/1	0	0	2175	342	7	0 0	0.00	0.65	0.65	0
36790025+	36790183	1.24	695 3-	1/0 ACSR 6/1	2253	2236	2173	342	3997	88 39	0.04	0.84	1.13	113
D36-79-P006+	36790025	1.24	1 1-	FUS	0	0	2173	342	2	0 3	0.00	0.68	0.68	0
36790265+	D36-79-P006	1.33	1 1-	2 ACSR 6/1	0	0	2124	341	2	0 0	0.00	0.68	0.68	0
36790185+	36790265	1.40	0 1-	2 ACSR 6/1	0	0	2091	340	0	0 0	0.00	0.68	0.68	0
36790186+	36790025	1.25	694 3-	1/0 ACSR 6/1	2249	2231	2167	342	3993	88 39	0.01	0.85	2.28	28
36790188+	36790186	1.34	693 3-	1/0 ACSR 6/1	2219	2197	2126	341	3988	88 39	0.08	0.91	2.02	202
D36-79-P009+	36790188	1.34	64 1-	REC-50-E	0	0	2126	341	294	19 40	0.00	1.26	1.26	0
36790236+	D36-79-P009	1.39	64 1-	2 ACSR 6/1	0	0	2102	340	294	19 11	0.01	1.28	1.28	3
36790237+	36790236	1.40	63 1-	2 ACSR 6/1	0	0	2095	340	291	19 11	0.00	1.28	1.28	0
36790238+	36790237	1.42	62 1-	2 ACSR 6/1	0	0	2087	340	287	19 11	0.00	1.29	1.29	0
36790241+	36790238	1.52	57 1-	2 ACSR 6/1	0	0	2033	338	273	18 10	0.03	1.32	1.32	7
36790250+	36790241	1.56	57 1-	2 ACSR 6/1	0	0	2018	338	273	18 10	0.01	1.32	1.32	2
36790251+	36790250	1.62	56 1-	2 ACSR 6/1	0	0	1987	337	268	18 10	0.02	1.34	1.34	4
36790252+	36790251	1.65	52 1-	2 ACSR 6/1	0	0	1972	336	258	17 10	0.01	1.35	1.35	2
36790253+	36790252	1.78	6 1-	2 ACSR 6/1	0	0	1915	335	30	2 1	0.00	1.35	1.35	0
36790254+	36790253	1.80	5 1-	2 ACSR 6/1	0	0	1904	334	23	1 1	0.00	1.35	1.35	0
36790255+	36790254	1.85	4 1-	2 ACSR 6/1	0	0	1884	334	21	1 1	0.00	1.36	1.36	0
36790256+	36790255	1.98	2 1-	2 ACSR 6/1	0	0	1826	332	9	0 0	0.00	1.36	1.36	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36790257+	36790256	2.03	2 1-	2 ACSR 6/1	0	0	1808	331	9	0	0	0.00	1.36	0
36790212+	36790252	1.69	46 1-	2 ACSR 6/1	0	0	1954	336	228	15	9	0.01	1.36	2
36790213+	36790212	1.73	44 1-	2 ACSR 6/1	0	0	1937	335	219	14	8	0.01	1.37	1
36790217+	36790213	1.76	44 1-	2 ACSR 6/1	0	0	1921	335	219	14	8	0.01	1.38	1
36790216+	36790217	1.82	42 1-	2 ACSR 6/1	0	0	1895	334	205	13	8	0.01	1.39	2
36790192+	36790216	1.90	40 1-	2 ACSR 6/1	0	0	1861	333	193	13	7	0.02	1.40	2
36790195+	36790192	1.98	38 1-	2 ACSR 6/1	0	0	1827	332	183	12	7	0.01	1.42	2
36790196+	36790195	2.01	36 1-	2 ACSR 6/1	0	0	1817	331	167	11	6	0.00	1.42	0
36790197+	36790196	2.03	34 1-	2 ACSR 6/1	0	0	1808	331	157	10	6	0.00	1.43	0
36790242+	36790197	2.11	34 1-	2 ACSR 6/1	0	0	1774	330	157	10	6	0.01	1.44	2
36790244+	36790242	2.14	1 1-	2 ACSR 6/1	0	0	1765	330	5	0	0	0.00	1.44	0
36790243+	36790242	2.20	30 1-	2 ACSR 6/1	0	0	1742	329	141	9	5	0.01	1.45	1
36690085+	36790243	2.27	28 1-	2 ACSR 6/1	0	0	1714	328	132	8	5	0.01	1.46	0
36690090+	36690085	2.31	20 1-	2 ACSR 6/1	0	0	1699	327	96	6	4	0.00	1.46	0
36690036+	36690090	2.38	19 1-	2 ACSR 6/1	0	0	1673	326	92	6	3	0.01	1.47	0
36690002+	36690036	2.43	18 1-	2 ACSR 6/1	0	0	1655	325	86	5	3	0.00	1.48	0
36690114+	36690002	2.49	17 1-	2 ACSR 6/1	0	0	1635	325	77	5	3	0.00	1.48	0
36690115+	36690114	2.58	16 1-	2 ACSR 6/1	0	0	1604	323	74	4	3	0.01	1.49	0
36690116+	36690115	2.66	15 1-	2 ACSR 6/1	0	0	1579	322	73	4	3	0.01	1.49	0
36690117+	36690116	2.79	14 1-	2 ACSR 6/1	0	0	1537	320	68	4	3	0.01	1.50	0
36690120+	36690117	2.93	11 1-	2 ACSR 6/1	0	0	1495	319	56	3	2	0.01	1.51	0
36690121+	36690120	2.99	10 1-	2 ACSR 6/1	0	0	1479	318	50	3	2	0.00	1.51	0
36690122+	36690121	3.05	8 1-	2 ACSR 6/1	0	0	1461	317	38	2	1	0.00	1.51	0
36690107+	36690122	3.11	6 1-	2 ACSR 6/1	0	0	1446	316	30	2	1	0.00	1.52	0
36690108+	36690107	3.17	5 1-	2 ACSR 6/1	0	0	1428	315	24	1	1	0.00	1.52	0
36680034+	36690108	3.24	3 1-	2 ACSR 6/1	0	0	1409	315	16	1	1	0.00	1.52	0
36680042+	36680034	3.32	1 1-	2 ACSR 6/1	0	0	1390	314	4	0	0	0.00	1.52	0
36680017+	36680034	3.29	2 1-	2 ACSR 6/1	0	0	1396	314	12	0	0	0.00	1.52	0
36680018+	36680034	3.32	0 1-	2 ACSR 6/1	0	0	1390	314	0	0	0	0.00	1.52	0
36680032+	36690108	3.39	1 1-	2 ACSR 6/1	0	0	1372	313	8	0	0	0.00	1.52	0
36690123+	36690122	3.12	1 1-	2 ACSR 6/1	0	0	1443	316	7	0	0	0.00	1.51	0
36690119+	36690117	2.84	2 1-	2 ACSR 6/1	0	0	1523	320	7	0	0	0.00	1.50	0
36690118+	36690117	2.85	1 1-	2 ACSR 6/1	0	0	1520	320	5	0	0	0.00	1.50	0
36690086+	36690085	2.34	7 1-	2 ACSR 6/1	0	0	1690	327	30	2	1	0.00	1.46	0
36690087+	36690086	2.39	6 1-	2 ACSR 6/1	0	0	1671	326	28	1	1	0.00	1.46	0
36690089+	36690087	2.47	4 1-	2 ACSR 6/1	0	0	1643	325	21	1	1	0.00	1.47	0
36690099+	36690089	2.51	2 1-	2 ACSR 6/1	0	0	1627	324	7	0	0	0.00	1.47	0
36690088+	36690089	2.55	1 1-	2 ACSR 6/1	0	0	1615	324	3	0	0	0.00	1.47	0
36690095+	36790243	2.26	2 1-	2 ACSR 6/1	0	0	1719	328	9	0	0	0.00	1.45	0
36790198+	36790197	2.04	0 1-	2 ACSR 6/1	0	0	1802	331	0	0	0	0.00	1.43	0
36790199+	36790198	2.07	0 1-	2 ACSR 6/1	0	0	1790	330	0	0	0	0.00	1.43	0
36790193+	36790192	1.93	1 1-	2 ACSR 6/1	0	0	1849	332	7	0	0	0.00	1.40	0
36790194+	36790193	2.09	0 1-	2 ACSR 6/1	0	0	1781	330	0	0	0	0.00	1.40	0
36790215+	36790217	1.86	1 1-	2 ACSR 6/1	0	0	1880	333	12	0	0	0.00	1.38	0
36790214+	36790213	1.77	0 1-	2 ACSR 6/1	0	0	1919	335	0	0	0	0.00	1.37	0
36790258+	36790251	1.68	3 1-	2 ACSR 6/1	0	0	1960	336	10	0	0	0.00	1.34	0
36790259+	36790258	1.69	2 1-	2 ACSR 6/1	0	0	1956	336	10	0	0	0.00	1.34	0
36790211+	36790259	1.74	1 1-	2 ACSR 6/1	0	0	1929	335	4	0	0	0.00	1.34	0
36790189+	36790188	1.38	5 1-	2 ACSR 6/1	0	0	2105	340	290	19	11	0.01	0.73	3
36790191+	36790189	1.43	2 1-	2 ACSR 6/1	0	0	2079	340	266	18	10	0.01	0.75	3
36790830+	36790191	1.43	2 1-	Consumer	0	0	2079	340	266	18	0	0.00	0.75	0
36790190+	36790189	1.46	2 1-	2 ACSR 6/1	0	0	2063	339	14	0	1	0.00	0.73	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36790239+	36790188	1.41	3 1-	2 ACSR 6/1	0	0	2089	340	13	0	0	0.00	1.26	0
36790240+	36790239	1.47	2 1-	2 ACSR 6/1	0	0	2061	339	10	0	0	0.00	1.26	0
36790246+	36790188	1.43	617 3-	1/0 ACSR 6/1	2189	2163	2085	340	3375	74	33	0.06	0.95	148
D36-79-P024+	36790246	1.43	0 1-	FUS	0	0	2085	340	0	0	0	0.00	1.32	0
36790264+	D36-79-P024	1.46	0 1-	2 ACSR 6/1	0	0	2070	340	0	0	0	0.00	1.32	0
36790232+	36790246	1.49	617 3-	1/0 ACSR 6/1	2171	2142	2061	340	3373	74	33	0.04	0.98	91
36790247+	36790232	1.53	2 1-	2 ACSR 6/1	0	0	2040	339	16	1	1	0.00	1.36	0
36790269+	36790247	1.58	1 1-	2 ACSR 6/1	0	0	2015	338	6	0	0	0.00	1.36	0
36790233+	36790232	1.53	6 3-	2 ACSR 6/1	2156	2125	2041	339	35	0	0	0.00	0.99	0
36790234+	36790233	1.54	4 3-	2 ACSR 6/1	2151	2119	2035	339	27	0	0	0.00	0.99	0
36790002+	36790234	1.56	3 1-	2 ACSR 6/1	0	0	2026	339	14	0	1	0.00	0.78	0
36790231+	36790232	1.56	608 3-	1/0 ACSR 6/1	2147	2115	2030	339	3320	73	32	0.05	1.02	116
36790153+	36790231	1.63	602 3-	1/0 ACSR 6/1	2124	2089	2000	338	3261	72	32	0.05	1.06	111
36790160+	36790153	1.69	602 3-	1/0 ACSR 6/1	2106	2069	1976	337	3260	72	32	0.04	1.09	88
36790164+	36790160	1.72	601 3-	1/0 ACSR 6/1	2097	2058	1964	337	3259	72	32	0.02	1.11	47
36790157+	36790164	1.75	14 1-	2 ACSR 6/1	0	0	1947	337	79	5	3	0.00	1.52	0
36790158+	36790157	1.79	13 1-	2 ACSR 6/1	0	0	1933	336	71	4	3	0.00	1.52	0
36790155+	36790158	1.82	12 1-	2 ACSR 6/1	0	0	1918	336	64	4	2	0.00	1.52	0
36790200+	36790155	1.90	11 1-	2 ACSR 6/1	0	0	1883	335	55	3	2	0.00	1.53	0
36790201+	36790200	1.92	8 1-	2 ACSR 6/1	0	0	1872	334	38	2	1	0.00	1.53	0
36790202+	36790201	1.95	7 1-	2 ACSR 6/1	0	0	1860	334	28	1	1	0.00	1.53	0
36790203+	36790202	2.00	6 1-	2 ACSR 6/1	0	0	1840	333	21	1	1	0.00	1.53	0
36790165+	36790203	2.07	5 1-	2 ACSR 6/1	0	0	1810	332	21	1	1	0.00	1.53	0
36790167+	36790165	2.15	2 1-	2 ACSR 6/1	0	0	1781	331	6	0	0	0.00	1.53	0
36790166+	36790165	2.15	2 1-	2 ACSR 6/1	0	0	1782	331	6	0	0	0.00	1.53	0
36790159+	36790158	1.81	1 1-	2 ACSR 6/1	0	0	1921	336	7	0	0	0.00	1.52	0
36790156+	36790164	1.80	585 3-	1/0 ACSR 6/1	2070	2028	1930	336	3169	70	31	0.05	1.15	127
D36-79-P044+	36790156	1.80	14 1-	REC-25-E	0	0	1930	336	71	4	19	0.00	1.57	0
36790169+	D36-79-P044	1.81	14 1-	2 ACSR 6/1	0	0	1926	336	71	4	3	0.00	1.57	0
36790174+	36790169	1.87	13 1-	2 ACSR 6/1	0	0	1902	335	64	4	2	0.00	1.57	0
36790176+	36790174	1.93	12 1-	2 ACSR 6/1	0	0	1875	334	59	3	2	0.00	1.58	0
36790179+	36790176	1.98	8 1-	2 ACSR 6/1	0	0	1852	334	44	2	2	0.00	1.58	0
36790180+	36790179	2.05	6 1-	2 ACSR 6/1	0	0	1826	333	30	2	1	0.00	1.58	0
36790181+	36790180	2.08	4 1-	2 ACSR 6/1	0	0	1814	332	20	1	1	0.00	1.58	0
36790248+	36790181	2.12	3 1-	2 ACSR 6/1	0	0	1798	332	14	0	1	0.00	1.58	0
36790249+	36790248	2.18	1 1-	2 ACSR 6/1	0	0	1773	331	6	0	0	0.00	1.58	0
36790219+	36790180	2.08	1 1-	2 ACSR 6/1	0	0	1812	332	10	0	0	0.00	1.58	0
36790177+	36790176	1.99	3 1-	2 ACSR 6/1	0	0	1851	334	11	0	0	0.00	1.58	0
36790178+	36790177	2.01	0 1-	2 ACSR 6/1	0	0	1841	333	0	0	0	0.00	1.58	0
36790175+	36790174	1.90	1 1-	2 ACSR 6/1	0	0	1887	335	5	0	0	0.00	1.57	0
36790170+	36790156	1.87	9 1-	2 ACSR 6/1	0	0	1901	335	35	2	1	0.00	1.57	0
36790171+	36790170	1.93	7 1-	2 ACSR 6/1	0	0	1876	335	28	1	1	0.00	1.57	0
36790172+	36790171	1.98	6 1-	2 ACSR 6/1	0	0	1855	334	26	1	1	0.00	1.58	0
36790173+	36790172	2.01	3 1-	2 ACSR 6/1	0	0	1841	333	12	0	0	0.00	1.58	0
36790168+	36790156	1.84	1 1-	2 ACSR 6/1	0	0	1913	336	8	0	0	0.00	1.00	0
36790023+	36790156	1.87	561 3-	1/0 ACSR 6/1	2051	2007	1906	336	3055	68	30	0.03	1.18	83
36790272+	36790023	2.00	1 1-	1/0 ACSR 6/1	0	0	1855	334	7	0	0	0.00	1.60	0
36790271+	36790023	1.95	560 3-	1/0 ACSR 6/1	2027	1979	1875	335	3047	67	30	0.04	1.22	110
36790226+	36790271	2.04	551 3-	1/0 ACSR 6/1	1999	1948	1840	334	3012	67	29	0.05	1.27	124
36790229+	36790226	2.26	549 3-	1/0 ACSR 6/1	1940	1882	1767	332	3007	67	29	0.11	1.37	276
36790220+	36790229	2.31	406 3-	2/0 ACSR 6/1	1926	1867	1750	331	2046	46	17	0.00	1.38	28
36790222+	36790220	2.36	405 3-	2/0 ACSR 6/1	1914	1853	1735	331	2038	46	17	0.00	1.39	24

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36790223+	36790222	2.39	398 3-	2/0 ACSR 6/1	1907	1846	1727	331	2003	45	17	0.00	1.40	13
36790207+	36790223	2.45	398 3-	2/0 ACSR 6/1	1891	1828	1707	330	2003	45	17	0.01	1.41	32
36790261+	36790207	2.59	395 3-	2/0 ACSR 6/1	1858	1793	1668	329	1977	44	17	0.01	1.44	64
36790262+	36790261	2.70	392 3-	2/0 ACSR 6/1	1832	1764	1636	328	1957	44	16	0.01	1.46	53
36690100+	36790262	2.78	1 1-	2 ACSR 6/1	0	0	1613	327	1	0	0	0.00	1.36	0
36690032+	36790262	2.77	391 3-	2/0 ACSR 6/1	1818	1749	1620	327	1955	44	16	0.00	1.47	29
36690101+	36690032	2.82	3 1-	2 ACSR 6/1	0	0	1603	327	23	1	1	0.00	1.37	0
36690102+	36690101	2.88	2 1-	2 ACSR 6/1	0	0	1583	326	12	0	0	0.00	1.38	0
36690103+	36690032	2.85	388 3-	2/0 ACSR 6/1	1798	1727	1596	327	1932	43	16	0.01	1.49	40
36690104+	36690103	3.05	386 3-	2/0 ACSR 6/1	1757	1682	1548	325	1923	43	16	0.01	1.53	87
36690105+	36690104	3.25	385 3-	2/0 ACSR 6/1	1714	1637	1499	323	1916	43	16	0.01	1.57	93
36690110+	36690105	3.46	384 3-	2/0 ACSR 6/1	1673	1594	1453	322	1908	43	16	0.01	1.61	92
D36-69-P033+	36690110	3.46	6 1-	FUS	0	0	1453	322	28	1	43	0.00	1.55	0
36690126+	D36-69-P033	3.53	6 1-	2 ACSR 6/1	0	0	1433	321	28	1	1	0.00	1.56	0
36690124+	36690126	3.56	4 1-	2 ACSR 6/1	0	0	1426	320	15	1	1	0.00	1.56	0
36690127+	36690124	4.54	2 1-	2 ACSR 6/1	0	0	1208	307	5	0	0	0.01	1.56	0
36590007+	36690127	4.78	1 1-	2 ACSR 6/1	0	0	1162	304	5	0	0	0.00	1.56	0
36590006+	36690127	4.72	1 1-	2 ACSR 6/1	0	0	1174	305	0	0	0	0.00	1.56	0
36690125+	36690124	3.59	2 1-	2 ACSR 6/1	0	0	1419	320	10	0	0	0.00	1.56	0
36690031+	36690110	3.49	378 3-	2/0 ACSR 6/1	1666	1586	1445	321	1880	42	16	0.00	1.62	16
36690111+	36690031	3.54	3 1-	2 ACSR 6/1	0	0	1433	321	16	1	1	0.00	1.56	0
36690030+	36690031	3.57	375 3-	2/0 ACSR 6/1	1652	1571	1430	321	1863	42	16	0.01	1.63	32
D36-69-P025+	36690030	3.57	7 1-	REC-50-E	0	0	1430	321	16	1	2	0.00	1.42	0
36690113+	D36-69-P025	3.62	7 1-	2 ACSR 6/1	0	0	1417	320	16	1	1	0.00	1.42	0
36690008+	36690113	3.66	3 1-	2 ACSR 6/1	0	0	1406	319	7	0	0	0.00	1.42	0
36690109+	36690084	3.75	1 1-	2 ACSR 6/1	0	0	1384	318	3	0	0	0.00	1.42	0
36690112+	36690030	3.59	367 3-	2/0 ACSR 6/1	1649	1568	1426	321	1845	42	16	0.00	1.64	8
36690096+	36690112	3.62	366 3-	2/0 ACSR 6/1	1643	1561	1419	320	1842	41	16	0.00	1.64	13
36690097+	36690096	3.75	364 3-	2/0 ACSR 6/1	1618	1535	1392	319	1840	41	16	0.01	1.67	55
36690033+	36690097	3.80	361 3-	2/0 ACSR 6/1	1609	1526	1382	319	1834	41	15	0.00	1.68	21
36690098+	36690033	3.82	2 1-	2 ACSR 6/1	0	0	1378	319	13	0	1	0.00	1.64	0
36690034+	36690033	3.93	357 3-	2/0 ACSR 6/1	1587	1503	1358	318	1813	41	15	0.01	1.70	49
36690035+	36690034	4.09	355 3-	2/0 ACSR 6/1	1560	1474	1329	316	1801	41	15	0.01	1.73	62
36590004+	36690035	4.11	1 1-	2 ACSR 6/1	0	0	1323	316	9	0	0	0.00	1.70	0
36590002+	36690035	4.17	354 3-	2/0 ACSR 6/1	1546	1460	1314	316	1792	40	15	0.01	1.74	32
36580031+	36590002	4.23	1 1-	2 ACSR 6/1	0	0	1299	315	4	0	0	0.00	1.56	0
36580003+	36590002	4.48	353 3-	2/0 ACSR 6/1	1496	1408	1261	313	1787	40	15	0.02	1.80	120
36680020+	36580003	4.57	353 3-	2/0 ACSR 6/1	1482	1394	1247	313	1786	40	15	0.01	1.81	35
36680021+	36680020	4.63	351 3-	2/0 ACSR 6/1	1473	1385	1237	312	1780	40	15	0.00	1.82	23
36680022+	36680021	4.72	351 3-	2/0 ACSR 6/1	1458	1369	1222	311	1780	40	15	0.01	1.84	38
36680023+	36680022	4.76	348 3-	2/0 ACSR 6/1	1453	1364	1216	311	1762	40	15	0.00	1.85	14
36680038+	36680023	4.80	1 1-	2 ACSR 6/1	0	0	1209	311	7	0	0	0.00	1.70	0
36680024+	36680023	4.83	345 3-	2/0 ACSR 6/1	1442	1353	1205	310	1750	40	15	0.01	1.86	28
D36-68-P004+	36680024	4.83	11 1-	REC-25-E	0	0	1205	310	68	4	19	0.00	1.72	0
36680025+	D36-68-P004	4.90	11 1-	2 ACSR 6/1	0	0	1193	310	68	4	3	0.00	1.72	0
36680026+	36680025	4.98	10 1-	2 ACSR 6/1	0	0	1178	309	63	4	2	0.00	1.73	0
36680027+	36680026	5.10	9 1-	2 ACSR 6/1	0	0	1157	307	54	3	2	0.01	1.73	0
36680029+	36680027	5.14	7 1-	2 ACSR 6/1	0	0	1149	306	41	2	2	0.00	1.74	0
36680030+	36680029	5.16	6 1-	2 ACSR 6/1	0	0	1147	306	34	2	1	0.00	1.74	0
36680035+	36680030	5.21	5 1-	2 ACSR 6/1	0	0	1137	306	29	1	1	0.00	1.74	0
36680037+	36680035	5.24	3 1-	2 ACSR 6/1	0	0	1133	305	18	1	1	0.00	1.74	0
36680031+	36680037	5.31	1 1-	2 ACSR 6/1	0	0	1121	304	7	0	0	0.00	1.74	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
36680036+	36680035	5.29	1 1-	2 ACSR 6/1	0	0	1125	305	10	0	0	0.00	1.74	0
36680028+	36680027	5.14	1 1-	2 ACSR 6/1	0	0	1150	306	3	0	0	0.00	1.73	0
36680041+	36680024	4.87	334 3-	2/0 ACSR 6/1	1437	1348	1200	310	1682	38	14	0.00	1.86	12
36580032+	36580041	4.96	330 3-	2/0 ACSR 6/1	1424	1334	1186	309	1667	38	14	0.01	1.88	32
36580020+	36580032	5.00	327 3-	2/0 ACSR 6/1	1418	1328	1180	309	1628	37	14	0.00	1.88	13
36580025+	36580020	5.08	326 3-	2/0 ACSR 6/1	1407	1317	1169	309	1627	37	14	0.00	1.90	26
36580026+	36580025	5.11	2 1-	2 ACSR 6/1	0	0	1163	308	11	0	0	0.00	2.01	0
36580027+	36580025	5.11	324 3-	2/0 ACSR 6/1	1402	1312	1164	308	1615	37	14	0.00	1.90	12
36580030+	36580027	5.22	321 3-	2/0 ACSR 6/1	1388	1297	1149	307	1599	37	14	0.00	1.92	35
36580022+	36580030	5.33	320 3-	2/0 ACSR 6/1	1373	1282	1134	307	1594	36	14	0.00	1.93	36
36580035+	36580022	5.38	316 3-	2/0 ACSR 6/1	1366	1276	1128	306	1561	36	13	0.00	1.94	15
36580029+	36580035	5.55	315 3-	2/0 ACSR 6/1	1345	1254	1106	305	1557	36	13	0.00	1.96	52
36580034+	36580029	5.70	313 3-	2/0 ACSR 6/1	1325	1234	1087	304	1544	35	13	0.00	1.99	48
36570016+	36580034	5.82	1 1-	2 ACSR 6/1	0	0	1069	302	4	0	0	0.00	1.86	0
36570015+	36580034	5.77	310 3-	2/0 ACSR 6/1	1317	1226	1079	303	1529	35	13	0.00	2.00	19
36570018+	36570015	5.84	308 3-	2/0 ACSR 6/1	1308	1216	1070	303	1516	35	13	0.00	2.01	24
36570019+	36570018	5.88	306 3-	2/0 ACSR 6/1	1303	1212	1065	302	1502	35	13	0.00	2.01	12
36570020+	36570019	5.97	305 3-	2/0 ACSR 6/1	1293	1202	1056	302	1498	34	13	0.00	2.02	24
C36-57-P17+	36570020	5.97	0 3-	Capacitor	1293	1202	1056	302	0	-14	0	0.00	2.02	0
36570021+	36570020	6.06	305 3-	2/0 ACSR 6/1	1283	1191	1045	301	1497	33	13	0.01	2.04	25
36570014+	36570021	6.15	303 3-	2/0 ACSR 6/1	1272	1181	1035	300	1486	33	12	0.01	2.06	24
36470120+	36570014	6.18	301 3-	2/0 ACSR 6/1	1268	1177	1031	300	1473	33	12	0.00	2.07	10
36470121+	36470120	6.26	296 3-	2/0 ACSR 6/1	1259	1168	1023	299	1455	32	12	0.01	2.09	21
36470102+	36470121	6.28	3 1-	2 ACSR 6/1	0	0	1020	299	11	0	0	0.00	2.22	0
36470101+	36470121	6.38	291 3-	2/0 ACSR 6/1	1246	1155	1010	298	1432	32	12	0.01	2.12	30
36470099+	36470101	6.54	290 3-	2/0 ACSR 6/1	1228	1137	993	297	1419	32	12	0.02	2.15	41
36470091+	36470099	6.62	286 3-	2/0 ACSR 6/1	1220	1129	985	297	1402	31	12	0.01	2.17	20
36470092+	36470091	6.75	282 3-	2/0 ACSR 6/1	1207	1116	972	296	1390	31	12	0.01	2.20	29
D36-47-P014+	36470092	6.75	17 1-	REC-25-E	0	0	972	296	83	5	23	0.00	2.12	0
36470093+	D36-47-P014	6.77	17 1-	2 ACSR 6/1	0	0	969	295	83	5	3	0.00	2.13	0
36470094+	36470093	6.87	15 1-	2 ACSR 6/1	0	0	958	294	69	4	3	0.01	2.13	0
36470084+	36470094	6.92	10 1-	2 ACSR 6/1	0	0	951	294	38	2	1	0.00	2.13	0
36470086+	36470084	6.97	8 1-	2 ACSR 6/1	0	0	946	293	33	2	1	0.00	2.14	0
36470087+	36470086	6.99	7 1-	2 ACSR 6/1	0	0	943	293	22	1	1	0.00	2.14	0
36470125+	36470087	7.10	5 1-	2 ACSR 6/1	0	0	930	292	16	1	1	0.00	2.14	0
36470126+	36470125	7.32	4 1-	2 ACSR 6/1	0	0	905	289	10	0	0	0.00	2.14	0
36560005+	36470126	7.39	2 1-	2 ACSR 6/1	0	0	898	288	7	0	0	0.00	2.14	0
36560007+	36560005	7.67	0 1-	2 ACSR 6/1	0	0	869	285	0	0	0	0.00	2.14	0
36560008+	36560007	7.72	0 1-	2 ACSR 6/1	0	0	864	285	0	0	0	0.00	2.14	0
36560006+	36560005	7.73	1 1-	2 ACSR 6/1	0	0	863	284	4	0	0	0.00	2.14	0
36470085+	36470084	7.14	1 1-	2 ACSR 6/1	0	0	925	291	2	0	0	0.00	2.13	0
36570023+	36470085	7.19	1 1-	2 ACSR 6/1	0	0	919	290	2	0	0	0.00	2.13	0
36570002+	36470085	7.33	0 1-	2 ACSR 6/1	0	0	904	289	0	0	0	0.00	2.13	0
36470033+	36470094	6.92	5 1-	2 ACSR 6/1	0	0	951	294	31	2	1	0.00	2.13	0
36470096+	36470033	6.97	2 1-	2 ACSR 6/1	0	0	945	293	13	0	1	0.00	2.13	0
36470095+	36470033	6.97	3 1-	2 ACSR 6/1	0	0	946	293	17	1	1	0.00	2.13	0
36470088+	36470093	6.83	1 1-	2 ACSR 6/1	0	0	962	295	11	0	0	0.00	2.13	0
36470089+	36470092	6.80	263 3-	2/0 ACSR 6/1	1201	1110	967	295	1304	29	11	0.00	2.21	12
36470107+	36470089	6.85	262 3-	2/0 ACSR 6/1	1196	1105	962	295	1304	29	11	0.00	2.22	11
36470039+	36470107	6.86	1 1-	2 ACSR 6/1	0	0	961	295	8	0	0	0.00	2.13	0
36-47-P076-B+	36470039	6.86	1 1-	Closed	0	0	961	295	8	0	0	0.00	2.13	0
36-47-P076-A-	36-47-P076-B	6.86	1 1-	Closed	0	0	961	295	8	0	0	0.00	2.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36470108+	36-47-P076-A	6.91	1 1-	2 ACSR 6/1	0	0	955	294	8	0	0	0.00	2.13	0
36470109+	36470107	6.89	1 1-	2 ACSR 6/1	0	0	958	294	7	0	0	0.00	2.13	0
36470038+	36470107	6.90	260 3-	2/0 ACSR 6/1	1191	1100	957	295	1288	29	11	0.00	2.23	11
D36-47-P006+	36470038	6.90	11 1-	REC-25-E	0	0	957	295	65	4	18	0.00	2.13	0
36470111+	D36-47-P006	6.92	11 1-	2 ACSR 6/1	0	0	956	294	65	4	2	0.00	2.13	0
36470116+	36470111	6.94	8 1-	2 ACSR 6/1	0	0	953	294	40	2	2	0.00	2.13	0
36470117+	36470116	6.98	1 1-	2 ACSR 6/1	0	0	948	294	10	0	0	0.00	2.13	0
36470100+	36470116	7.29	4 1-	2 ACSR 6/1	0	0	913	290	19	1	1	0.01	2.14	0
36460019+	36470100	7.36	3 1-	2 ACSR 6/1	0	0	905	289	15	0	1	0.00	2.14	0
36460020+	36460019	7.42	1 1-	2 ACSR 6/1	0	0	899	289	6	0	0	0.00	2.14	0
36460021+	36460019	7.42	2 1-	2 ACSR 6/1	0	0	899	289	9	0	0	0.00	2.14	0
36460022+	36460021	7.48	1 1-	2 ACSR 6/1	0	0	892	288	4	0	0	0.00	2.14	0
36470123+	36470116	7.03	3 1-	2 ACSR 6/1	0	0	942	293	12	0	0	0.00	2.14	0
36470112+	36470123	7.07	3 1-	2 ACSR 6/1	0	0	937	293	12	0	0	0.00	2.14	0
36470118+	36470038	6.94	248 3-	2/0 ACSR 6/1	1187	1096	953	294	1217	27	10	0.00	2.23	8
36470119+	36470118	7.01	246 3-	2/0 ACSR 6/1	1180	1090	948	294	1208	27	10	0.00	2.25	13
36470122+	36470119	7.05	3 1-	2 ACSR 6/1	0	0	942	293	15	1	1	0.00	2.44	0
36470035+	36470119	7.05	243 3-	2/0 ACSR 6/1	1176	1085	943	293	1194	27	10	0.00	2.25	9
36470124+	36470035	7.13	1 1-	2 ACSR 6/1	0	0	934	293	6	0	0	0.00	2.45	0
36470113+	36470035	7.15	242 3-	2/0 ACSR 6/1	1166	1076	934	293	1187	26	10	0.00	2.27	20
36470114+	36470113	7.18	241 3-	2/0 ACSR 6/1	1163	1073	931	292	1181	26	10	0.00	2.28	6
36470115+	36470114	7.22	2 1-	2 ACSR 6/1	0	0	927	292	10	0	0	0.00	2.14	0
36470036+	36470114	7.32	239 3-	2/0 ACSR 6/1	1150	1060	919	291	1171	26	10	0.00	2.30	27
36470037+	36470036	7.45	237 3-	2/0 ACSR 6/1	1138	1048	908	291	1159	26	10	0.00	2.33	24
36470103+	36470037	7.59	232 3-	2/0 ACSR 6/1	1125	1036	896	290	1129	25	10	0.00	2.35	26
36470052+	36470103	7.76	229 3-	2/0 ACSR 6/1	1110	1021	882	288	1111	25	9	0.00	2.38	32
36370059+	36370052	7.79	227 3-	2/0 ACSR 6/1	1107	1018	879	288	1098	24	9	0.00	2.39	6
D36-37-P011+	36370059	7.79	7 1-	REC-25-E	0	0	879	288	30	2	8	0.00	2.62	0
36370056+	D36-37-P011	8.17	7 1-	2 ACSR 6/1	0	0	842	284	30	2	1	0.01	2.64	0
36370036+	36370056	8.39	6 1-	2 ACSR 6/1	0	0	822	281	29	2	1	0.01	2.64	0
36370054+	36370036	8.86	6 1-	2 ACSR 6/1	0	0	782	276	29	2	1	0.01	2.65	0
36380008+	36370054	8.90	4 1-	2 ACSR 6/1	0	0	778	276	16	1	1	0.00	2.65	0
36380009+	36380008	8.93	3 1-	2 ACSR 6/1	0	0	775	276	9	0	0	0.00	2.65	0
36380011+	36380009	9.03	3 1-	2 ACSR 6/1	0	0	768	275	9	0	0	0.00	2.66	0
36380012+	36380011	9.14	2 1-	2 ACSR 6/1	0	0	759	273	8	0	0	0.00	2.66	0
36380013+	36380012	9.20	2 1-	2 ACSR 6/1	0	0	754	273	8	0	0	0.00	2.66	0
36380014+	36380013	9.26	2 1-	2 ACSR 6/1	0	0	750	272	8	0	0	0.00	2.66	0
36380010+	36380009	8.97	0 1-	2 ACSR 6/1	0	0	772	275	0	0	0	0.00	2.65	0
36370038+	36370036	8.44	0 1-	2 ACSR 6/1	0	0	817	281	0	0	0	0.00	2.64	0
36370037+	36370036	8.44	0 1-	2 ACSR 6/1	0	0	818	281	0	0	0	0.00	2.64	0
36370048+	36370059	7.83	218 3-	1/0 ACSR 6/1	1103	1014	876	288	1058	24	10	0.00	2.39	8
D36-37-P005+	36370048	7.83	5 1-	REC-25-E	0	0	876	288	27	1	7	0.00	2.41	0
36370055+	D36-37-P005	8.01	5 1-	2 ACSR 6/1	0	0	858	286	27	1	1	0.00	2.41	0
36370040+	36370055	8.19	2 1-	2 ACSR 6/1	0	0	841	284	12	0	0	0.00	2.41	0
36370041+	36370040	8.26	1 1-	2 ACSR 6/1	0	0	834	283	8	0	0	0.00	2.41	0
36370039+	36370055	8.06	1 1-	2 ACSR 6/1	0	0	853	285	5	0	0	0.00	2.41	0
36370042+	36370048	7.93	213 3-	1/0 ACSR 6/1	1094	1005	868	287	1032	23	10	0.00	2.41	19
36370044+	36370042	8.00	213 3-	1/0 ACSR 6/1	1087	998	862	286	1032	23	10	0.00	2.43	15
36370045+	36370044	8.06	211 3-	1/0 ACSR 6/1	1082	993	857	286	1021	23	10	0.00	2.44	11
36370046+	36370045	8.19	211 3-	1/0 ACSR 6/1	1070	982	846	285	1021	23	10	0.00	2.46	26
36360023+	36370046	8.23	198 3-	1/0 ACSR 6/1	1067	978	843	285	963	21	10	0.00	2.47	7
36360024+	36360023	8.28	197 3-	1/0 ACSR 6/1	1062	974	839	284	956	21	9	0.00	2.48	9

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
36360025+	36360024	8.32	1 1-	2 ACSR 6/1	0	0	835	284	2	0	0	0.00	2.75	0
36360026+	36360024	8.32	196 3-	1/0 ACSR 6/1	1058	970	836	284	954	21	9	0.00	2.49	7
R36-36-P45+	36360026	8.32	195 3-	0	1058	970	836	284	949	21	22	0.25	2.40	0
36360020+	R36-36-P45	8.35	195 3-	1/0 ACSR 6/1	1056	968	834	284	949	21	9	0.00	2.40	5
D36-36-P039+	36360020	8.35	195 3-	ER3-WVE-140/100	1056	968	834	284	949	21	31	0.00	2.40	0
36360019+	D36-36-P039	8.36	195 3-	1/0 ACSR 6/1	1055	967	833	283	949	21	9	0.00	2.41	1
36-36-P039-B+	36360019	8.36	195 3-	Closed	1055	967	833	283	949	21	0	0.00	2.41	0
36-36-P039-A+	36-36-P039-B	8.36	195 3-	Closed	1055	967	833	283	949	21	0	0.00	2.41	0
36360002+	36-36-P039-A	8.70	195 3-	1/0 ACSR 6/1	1026	938	807	281	949	21	9	0.01	2.47	58
36360022+	36360002	9.12	194 3-	1/0 ACSR 6/1	993	906	778	277	941	21	9	0.01	2.54	68
36360028+	36360022	9.14	1 1-	2 ACSR 6/1	0	0	776	277	4	0	0	0.00	2.58	0
36360029+	36360028	9.22	1 1-	2 ACSR 6/1	0	0	770	276	4	0	0	0.00	2.58	0
36360030+	36360029	9.32	0 1-	2 ACSR 6/1	0	0	762	275	0	0	0	0.00	2.58	0
36360018+	36360022	9.17	193 3-	1/0 ACSR 6/1	989	902	775	277	936	21	9	0.00	2.55	9
36460023+	36360018	9.22	192 3-	1/0 ACSR 6/1	985	898	772	277	935	21	9	0.00	2.56	8
36460025+	36460023	9.29	191 3-	1/0 ACSR 6/1	979	893	767	276	933	21	9	0.00	2.57	12
36460026+	36460025	9.42	188 3-	1/0 ACSR 6/1	970	884	758	275	914	20	9	0.00	2.60	20
36460017+	36460026	9.46	3 1-	2 ACSR 6/1	0	0	755	275	16	1	1	0.00	2.64	0
36460015+	36460026	9.49	185 3-	1/0 ACSR 6/1	964	879	754	275	898	20	9	0.00	2.61	11
36460018+	36460015	9.61	181 3-	1/0 ACSR 6/1	956	870	747	274	887	20	9	0.00	2.63	17
36460027+	36460018	9.66	0 1-	2 ACSR 6/1	0	0	743	273	0	0	0	0.00	2.68	0
36460028+	36460018	9.67	180 3-	1/0 ACSR 6/1	951	866	743	273	878	19	9	0.00	2.64	9
36450009+	36460028	9.94	176 3-	1/0 ACSR 6/1	933	848	726	271	866	19	9	0.00	2.68	38
36450006+	36450009	10.01	176 3-	1/0 ACSR 6/1	928	844	723	271	865	19	9	0.00	2.69	9
36450007+	36450006	10.24	175 3-	1/0 ACSR 6/1	912	828	709	269	861	19	9	0.00	2.73	33
36450008+	36450007	10.40	174 3-	1/0 ACSR 6/1	902	818	700	268	850	19	8	0.00	2.76	21
36550068+	36450008	10.60	173 3-	1/0 ACSR 6/1	889	806	690	266	847	19	8	0.00	2.79	27
36550063+	36550068	10.67	1 1-	2 ACSR 6/1	0	0	685	266	8	0	0	0.00	2.89	0
36550077+	36550068	10.73	171 3-	1/0 ACSR 6/1	881	798	682	265	835	19	8	0.00	2.81	18
36550078+	36550077	10.83	171 3-	1/0 ACSR 6/1	875	793	678	265	835	19	8	0.00	2.83	12
36550064+	36550078	10.91	6 1-	2 ACSR 6/1	0	0	672	264	34	2	1	0.00	2.43	0
36550075+	36550064	11.02	3 1-	2 ACSR 6/1	0	0	666	263	24	1	1	0.00	2.44	0
36550085+	36550075	11.11	1 1-	2 ACSR 6/1	0	0	661	262	7	0	0	0.00	2.44	0
36550084+	36550075	11.11	2 1-	2 ACSR 6/1	0	0	660	262	17	1	1	0.00	2.44	0
36550076+	36550084	11.20	1 1-	2 ACSR 6/1	0	0	655	261	8	0	0	0.00	2.44	0
36550071+	36550078	10.93	165 3-	1/0 ACSR 6/1	868	787	672	264	801	18	8	0.00	2.84	14
36550081+	36550071	11.04	1 1-	2 ACSR 6/1	0	0	666	263	0	0	0	0.00	2.43	0
36550082+	36550081	11.09	0 1-	2 ACSR 6/1	0	0	663	262	0	0	0	0.00	2.43	0
36550072+	36550071	10.95	164 3-	1/0 ACSR 6/1	867	786	671	264	801	18	8	0.00	2.84	2
36550065+	36550072	10.96	163 3-	1/0 ACSR 6/1	867	785	671	264	797	18	8	0.00	2.85	0
36-55-P020-B+	36550065	10.96	163 3-	Closed	867	785	671	264	797	18	0	0.00	2.85	0
36-55-P020-A+	36-55-P020-B	10.96	163 3-	Closed	867	785	671	264	797	18	0	0.00	2.85	0
36550067+	36-55-P020-A	10.97	163 3-	1/0 ACSR 6/1	866	785	670	264	797	18	8	0.00	2.85	0
36550069+	36550067	11.00	4 1-	2 ACSR 6/1	0	0	669	263	20	1	1	0.00	2.96	0
36550070+	36550069	11.04	3 1-	2 ACSR 6/1	0	0	666	263	13	0	1	0.00	2.96	0
36550086+	36550070	11.10	2 1-	2 ACSR 6/1	0	0	662	262	9	0	0	0.00	2.96	0
36550087+	36550086	11.14	1 1-	2 ACSR 6/1	0	0	660	262	8	0	0	0.00	2.96	0
36550066+	36550067	11.00	157 3-	1/0 ACSR 6/1	865	783	669	264	772	17	8	0.00	2.85	3
36550014+	36550066	11.20	155 3-	1/0 ACSR 6/1	853	772	659	262	766	17	8	0.00	2.88	25
36550073+	36550014	11.23	3 1-	2 ACSR 6/1	0	0	657	262	9	0	0	0.00	3.00	0
36550074+	36550073	11.27	2 1-	2 ACSR 6/1	0	0	655	261	4	0	0	0.00	3.00	0
36550051+	36550074	11.37	1 1-	2 ACSR 6/1	0	0	649	260	1	0	0	0.00	3.00	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36550052+	36550014	11.23	152 3-	1/0 ACSR 6/1	851	770	657	262	756	17	8	0.00	2.89	4
36550053+	36550052	11.26	151 3-	1/0 ACSR 6/1	849	769	656	262	753	17	7	0.00	2.89	3
36550055+	36550053	11.29	150 3-	1/0 ACSR 6/1	848	767	655	261	746	17	7	0.00	2.89	4
36550056+	36550055	11.32	148 3-	1/0 ACSR 6/1	846	765	653	261	738	16	7	0.00	2.90	4
D36-55-P009+	36550056	11.32	4 1-	FUS	0	0	653	261	23	1	36	0.00	3.02	0
36550079+	D36-55-P009	11.47	4 1-	2 ACSR 6/1	0	0	644	260	23	1	1	0.00	3.02	0
36550060+	36550079	11.55	3 1-	2 ACSR 6/1	0	0	640	259	16	1	1	0.00	3.02	0
36550061+	36550060	11.59	2 1-	2 ACSR 6/1	0	0	638	259	15	0	1	0.00	3.02	0
36550062+	36550061	11.66	1 1-	2 ACSR 6/1	0	0	634	258	9	0	0	0.00	3.02	0
36540022+	36550062	11.67	0 1-	2 ACSR 6/1	0	0	633	258	0	0	0	0.00	3.02	0
36540021+	36550062	11.70	1 1-	2 ACSR 6/1	0	0	632	258	9	0	0	0.00	3.02	0
36550058+	36550056	11.39	1 1-	2 ACSR 6/1	0	0	649	261	10	0	0	0.00	3.02	0
36550057+	36550056	11.38	142 3-	1/0 ACSR 6/1	843	762	650	261	701	16	7	0.00	2.90	6
D36-55-P008+	36550057	11.38	2 1-	FUS	0	0	650	261	11	0	17	0.00	2.43	0
36550080+	D36-55-P008	11.46	2 1-	2 ACSR 6/1	0	0	646	260	11	0	0	0.00	2.43	0
36550059+	36550080	11.51	1 1-	2 ACSR 6/1	0	0	643	260	7	0	0	0.00	2.43	0
36550048+	36550057	12.08	140 3-	1/0 ACSR 6/1	805	726	619	256	690	15	7	0.00	3.00	69
36540023+	36550048	12.19	138 3-	1/0 ACSR 6/1	799	720	614	255	685	15	7	0.00	3.01	11
D36-54-P019+	36540023	12.19	7 1-	FUS	0	0	614	255	31	2	47	0.00	2.42	0
36540027+	D36-54-P019	12.23	7 1-	2 ACSR 6/1	0	0	612	255	31	2	1	0.00	2.42	0
36640007+	36540027	12.31	6 1-	2 ACSR 6/1	0	0	608	254	23	1	1	0.00	2.42	0
36640027+	36640007	12.36	1 1-	2 ACSR 6/1	0	0	605	254	2	0	0	0.00	2.42	0
36640006+	36640007	12.39	3 1-	2 ACSR 6/1	0	0	604	253	17	1	1	0.00	2.42	0
36640020+	36640006	12.52	1 1-	2 ACSR 6/1	0	0	598	252	8	0	0	0.00	2.42	0
36640021+	36640020	12.73	0 1-	2 ACSR 6/1	0	0	587	250	0	0	0	0.00	2.42	0
36540024+	36540023	12.29	130 3-	1/0 ACSR 6/1	794	716	610	255	647	14	6	0.00	3.02	9
36540025+	36540024	12.36	3 1-	2 ACSR 6/1	0	0	606	254	14	0	1	0.00	2.42	0
36540013+	36540024	12.36	127 3-	1/0 ACSR 6/1	790	712	607	254	633	14	6	0.00	3.03	7
D36-54-P049+	36540013	12.36	74 1-	REC-70-E	0	0	607	254	327	22	32	0.00	3.53	0
36540026+	D36-54-P049	12.55	74 1-	2 ACSR 6/1	0	0	598	252	327	22	13	0.07	3.59	17
36540020+	36540026	12.74	73 1-	2 ACSR 6/1	0	0	588	251	324	22	12	0.07	3.66	17
36-54-P011-B+	36540020	12.74	73 1-	Closed	0	0	588	251	323	22	0	0.00	3.66	0
36-54-P011-A+	36-54-P011-B	12.74	73 1-	Closed	0	0	588	251	323	22	0	0.00	3.66	0
36540011+	36-54-P011-A	13.33	73 1-	2 ACSR 6/1	0	0	562	246	323	22	12	0.20	3.86	51
36540012+	36540011	14.03	73 1-	2 ACSR 6/1	0	0	533	240	323	22	12	0.24	4.09	61
36440005+	36540012	14.10	73 1-	2 ACSR 6/1	0	0	530	239	322	22	12	0.03	4.12	7
D36-44-P001+	36440005	14.10	72 1-	REC-50-E	0	0	530	239	308	21	43	0.00	4.12	0
36440008+	D36-44-P001	14.50	72 1-	2 ACSR 6/1	0	0	515	236	308	21	12	0.13	4.25	31
36340024+	36440008	14.69	70 1-	2 ACSR 6/1	0	0	508	234	297	20	11	0.06	4.31	14
D36-34-P004+	36340024	14.69	4 1-	REC-25-E	0	0	508	234	5	0	1	0.00	4.31	0
36340025+	D36-34-P004	14.77	4 1-	2 ACSR 6/1	0	0	506	234	5	0	0	0.00	4.31	0
36340026+	36340025	15.08	1 1-	2 ACSR 6/1	0	0	495	231	2	0	0	0.00	4.31	0
36330002+	36340026	15.47	1 1-	2 ACSR 6/1	0	0	482	228	2	0	0	0.00	4.31	0
36340006+	36340024	14.72	66 1-	2 ACSR 6/1	0	0	507	234	291	20	11	0.01	4.31	2
36340027+	36340006	14.81	4 1-	2 ACSR 6/1	0	0	504	233	19	1	1	0.00	4.32	0
36340028+	36340027	14.84	3 1-	2 ACSR 6/1	0	0	503	233	12	0	0	0.00	4.32	0
D36-34-P012+	36340028	14.84	3 1-	REC-25-E	0	0	503	233	12	0	0	0.00	4.32	0
36340021+	D36-34-P012	14.88	3 1-	2 ACSR 6/1	0	0	501	233	12	0	0	0.00	4.32	0
36340022+	36340021	15.24	2 1-	2 ACSR 6/1	0	0	489	230	9	0	0	0.00	4.32	0
36340023+	36340022	15.27	1 1-	2 ACSR 6/1	0	0	488	230	7	0	0	0.00	4.32	0
36340029+	36340006	14.89	62 1-	2 ACSR 6/1	0	0	501	233	272	18	10	0.05	4.36	10
36340030+	36340029	15.19	62 1-	2 ACSR 6/1	0	0	491	231	272	18	10	0.09	4.45	19

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36340031+	36340030	15.25	1 1-	2 ACSR 6/1	0	0	489	230	10	0	0	0.00	4.45	0
36340032+	36340031	15.28	1 1-	2 ACSR 6/1	0	0	488	230	10	0	0	0.00	4.45	0
36340020+	36340030	15.38	61 1-	2 ACSR 6/1	0	0	485	229	262	18	10	0.05	4.50	11
36240040+	36340020	15.47	59 1-	2 ACSR 6/1	0	0	482	228	251	17	10	0.02	4.52	5
36240064+	36240040	15.53	59 1-	2 ACSR 6/1	0	0	480	228	251	17	10	0.02	4.54	3
36240041+	36240064	15.58	58 1-	2 ACSR 6/1	0	0	478	228	247	17	9	0.01	4.55	3
36240042+	36240041	15.65	1 1-	2 ACSR 6/1	0	0	476	227	8	0	0	0.00	4.55	0
36240037+	36240041	15.69	6 1-	2 ACSR 6/1	0	0	475	227	20	1	1	0.00	4.56	0
36240038+	36240037	15.77	5 1-	2 ACSR 6/1	0	0	472	226	17	1	1	0.00	4.56	0
D36-24-P003+	36240038	15.77	3 1-	REC-15-E	0	0	472	226	12	0	5	0.00	4.56	0
36240008+	D36-24-P003	15.93	3 1-	2 ACSR 6/1	0	0	467	225	12	0	0	0.00	4.56	0
36230006+	36240008	16.02	1 1-	2 ACSR 6/1	0	0	465	224	7	0	0	0.00	4.56	0
36230002+	36240008	16.04	2 1-	2 ACSR 6/1	0	0	464	224	5	0	0	0.00	4.56	0
36230008+	36230002	16.58	2 1-	2 ACSR 6/1	0	0	449	220	5	0	0	0.00	4.56	0
36230007+	36230002	16.08	0 1-	2 ACSR 6/1	0	0	463	224	0	0	0	0.00	4.56	0
36240006+	36240041	15.64	51 1-	2 ACSR 6/1	0	0	476	227	219	15	8	0.01	4.57	2
D36-24-P035+	36240006	15.64	2 1-	REC-25-E	0	0	476	227	15	1	4	0.00	4.57	0
36240052+	D36-24-P035	15.68	2 1-	2 ACSR 6/1	0	0	475	227	15	1	1	0.00	4.57	0
36240053+	36240006	15.79	49 1-	2 ACSR 6/1	0	0	472	226	204	14	8	0.03	4.60	5
36240054+	36240053	15.84	47 1-	2 ACSR 6/1	0	0	470	226	187	12	7	0.01	4.61	2
36240056+	36240054	15.90	45 1-	2 ACSR 6/1	0	0	468	225	184	12	7	0.01	4.62	1
36240057+	36240056	15.94	44 1-	2 ACSR 6/1	0	0	467	225	175	12	7	0.01	4.63	1
36240059+	36240057	15.99	2 1-	2 ACSR 6/1	0	0	466	225	11	0	0	0.00	4.63	0
36240047+	36240057	16.01	29 1-	2 ACSR 6/1	0	0	465	224	130	8	5	0.01	4.64	0
36240048+	36240047	16.08	27 1-	2 ACSR 6/1	0	0	463	224	117	8	5	0.01	4.64	0
36240049+	36240048	16.13	26 1-	2 ACSR 6/1	0	0	462	224	112	7	4	0.01	4.65	0
36240050+	36240049	16.30	25 1-	2 ACSR 6/1	0	0	456	222	104	7	4	0.02	4.67	2
36240035+	36240050	16.47	25 1-	2 ACSR 6/1	0	0	452	221	104	7	4	0.02	4.69	1
36240051+	36240035	16.54	22 1-	2 ACSR 6/1	0	0	450	221	88	6	3	0.01	4.69	0
36140028+	36240051	16.60	1 1-	2 ACSR 6/1	0	0	448	220	6	0	0	0.00	4.69	0
36140027+	36240051	16.60	21 1-	2 ACSR 6/1	0	0	448	220	81	5	3	0.00	4.70	0
36140036+	36140027	16.81	20 1-	2 ACSR 6/1	0	0	442	219	72	4	3	0.02	4.71	0
36140037+	36140036	17.02	19 1-	2 ACSR 6/1	0	0	436	217	67	4	3	0.01	4.73	0
36140040+	36140037	17.13	4 1-	2 ACSR 6/1	0	0	433	217	11	0	0	0.00	4.73	0
36140041+	36140040	17.16	0 1-	2 ACSR 6/1	0	0	433	216	0	0	0	0.00	4.73	0
36140044+	36140040	17.26	1 1-	2 ACSR 6/1	0	0	430	216	7	0	0	0.00	4.73	0
36140039+	36140037	17.07	1 1-	2 ACSR 6/1	0	0	435	217	1	0	0	0.00	4.73	0
36140038+	36140037	17.07	2 1-	2 ACSR 6/1	0	0	435	217	11	0	0	0.00	4.73	0
36140043+	36140038	17.10	0 1-	2 ACSR 6/1	0	0	434	217	0	0	0	0.00	4.73	0
36140007+	36140037	17.14	12 1-	2 ACSR 6/1	0	0	433	217	44	3	2	0.01	4.73	0
36140029+	36140007	17.22	1 1-	2 ACSR 6/1	0	0	431	216	1	0	0	0.00	4.73	0
36140008+	36140007	17.24	11 1-	2 ACSR 6/1	0	0	430	216	43	2	2	0.00	4.74	0
36140030+	36140008	17.29	2 1-	2 ACSR 6/1	0	0	429	216	4	0	0	0.00	4.74	0
36140034+	36140008	17.31	9 1-	2 ACSR 6/1	0	0	429	215	39	2	1	0.00	4.74	0
36140031+	36140034	17.39	9 1-	2 ACSR 6/1	0	0	427	215	39	2	1	0.00	4.74	0
36140032+	36140031	17.43	7 1-	2 ACSR 6/1	0	0	426	215	27	1	1	0.00	4.75	0
36140042+	36140032	17.48	5 1-	2 ACSR 6/1	0	0	425	214	24	1	1	0.00	4.75	0
36140033+	36140042	17.52	4 1-	2 ACSR 6/1	0	0	424	214	20	1	1	0.00	4.75	0
36040001+	36140033	17.55	3 1-	2 ACSR 6/1	0	0	423	214	12	0	0	0.00	4.75	0
36040002+	36040001	17.57	2 1-	2 ACSR 6/1	0	0	422	214	12	0	0	0.00	4.75	0
36040003+	36040002	17.73	1 1-	2 ACSR 6/1	0	0	418	213	8	0	0	0.00	4.75	0
36140035+	36140027	16.63	1 1-	2 ACSR 6/1	0	0	447	220	9	0	0	0.00	4.70	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36240036+	36240035	16.54	1 1-	2 ACSR 6/1	0	0	450	221	7	0	0	0.00	4.69	0
36240058+	36240049	16.18	1 1-	2 ACSR 6/1	0	0	460	223	9	0	0	0.00	4.65	0
36240046+	36240057	15.99	6 1-	2 ACSR 6/1	0	0	466	225	20	1	1	0.00	4.63	0
36240043+	36240057	15.97	7 1-	2 ACSR 6/1	0	0	466	225	14	1	1	0.00	4.63	0
D36-24-P042+	36240043	15.97	7 1-	RBC-15-E	0	0	466	225	14	1	7	0.00	4.63	0
36240007+	D36-24-P042	16.04	7 1-	2 ACSR 6/1	0	0	464	224	14	1	1	0.00	4.63	0
36240044+	36240007	16.11	2 1-	2 ACSR 6/1	0	0	462	224	4	0	0	0.00	4.63	0
36240061+	36240007	16.29	5 1-	2 ACSR 6/1	0	0	457	222	11	0	0	0.00	4.63	0
36240062+	36240061	16.55	5 1-	2 ACSR 6/1	0	0	449	221	11	0	0	0.00	4.63	0
36240045+	36240062	16.59	3 1-	2 ACSR 6/1	0	0	448	220	6	0	0	0.00	4.63	0
36240060+	36240045	17.00	2 1-	2 ACSR 6/1	0	0	437	218	6	0	0	0.00	4.64	0
36240055+	36240054	15.88	2 1-	2 ACSR 6/1	0	0	469	225	3	0	0	0.00	4.61	0
36240063+	36240053	15.84	1 1-	2 ACSR 6/1	0	0	470	226	9	0	0	0.00	4.60	0
36240039+	36340020	15.44	1 1-	2 ACSR 6/1	0	0	483	229	10	0	0	0.00	4.50	0
36440006+	36440005	14.13	1 1-	2 ACSR 6/1	0	0	529	239	14	0	1	0.00	4.12	0
36440004+	36540012	14.10	0 1-	2 ACSR 6/1	0	0	530	239	0	0	0	0.00	4.09	0
36540010+	36540013	12.43	53 3-	2 ACSR 6/1	786	708	603	254	306	6	4	-0.01	3.04	5
36640028+	36540010	12.49	1 1-	2 ACSR 6/1	0	0	600	253	4	0	0	0.00	3.18	0
36640004+	36540010	12.51	52 1-	2 ACSR 6/1	0	0	600	253	302	20	11	0.02	3.20	6
D36-64-P012+	36640004	12.51	52 1-	RBC-50-E	0	0	600	253	302	20	41	0.00	3.20	0
36640029+	D36-64-P012	12.79	52 1-	2 ACSR 6/1	0	0	586	250	302	20	11	0.09	3.29	21
36640022+	36640029	13.07	51 1-	2 ACSR 6/1	0	0	573	248	294	20	11	0.09	3.37	20
36640023+	36640022	13.34	50 1-	2 ACSR 6/1	0	0	561	245	290	19	11	0.08	3.46	19
36640024+	36640023	13.39	0 1-	2 ACSR 6/1	0	0	559	245	0	0	0	0.00	3.46	0
36640005+	36640023	13.43	50 1-	2 ACSR 6/1	0	0	557	245	290	19	11	0.03	3.49	7
36640026+	36640005	13.50	49 1-	2 ACSR 6/1	0	0	554	244	290	19	11	0.02	3.51	5
36640019+	36640026	13.56	48 1-	2 ACSR 6/1	0	0	552	244	289	19	11	0.02	3.52	5
36740019+	36640019	13.65	48 1-	2 ACSR 6/1	0	0	548	243	289	19	11	0.02	3.55	6
36740020+	36740019	13.69	47 1-	2 ACSR 6/1	0	0	546	242	286	19	11	0.01	3.56	3
36740021+	36740020	13.74	46 1-	2 ACSR 6/1	0	0	544	242	281	19	11	0.02	3.58	3
36740022+	36740021	13.81	43 1-	2 ACSR 6/1	0	0	542	242	272	18	10	0.02	3.60	4
36740013+	36740022	13.97	40 1-	2 ACSR 6/1	0	0	535	240	252	17	10	0.04	3.64	9
36740014+	36740013	14.01	39 1-	2 ACSR 6/1	0	0	534	240	244	16	9	0.01	3.65	2
D36-74-P002+	36740014	14.01	39 1-	RBC-35-E	0	0	534	240	244	16	48	0.00	3.65	0
36740015+	D36-74-P002	14.05	39 1-	2 ACSR 6/1	0	0	532	240	244	16	9	0.01	3.66	2
36740016+	36740015	14.09	37 1-	2 ACSR 6/1	0	0	531	239	238	16	9	0.01	3.67	2
36740017+	36740016	14.18	36 1-	2 ACSR 6/1	0	0	527	238	234	16	9	0.02	3.69	4
36740018+	36740017	14.39	36 1-	2 ACSR 6/1	0	0	519	237	234	16	9	0.05	3.74	10
36730004+	36740018	14.44	36 1-	2 ACSR 6/1	0	0	517	236	234	16	9	0.01	3.75	2
36730028+	36730004	14.54	15 1-	2 ACSR 6/1	0	0	514	236	100	6	4	0.01	3.76	0
36730029+	36730028	14.63	13 1-	2 ACSR 6/1	0	0	511	235	87	6	3	0.01	3.77	0
36730030+	36730029	14.69	13 1-	2 ACSR 6/1	0	0	508	234	87	6	3	0.01	3.78	0
36730032+	36730030	14.75	11 1-	2 ACSR 6/1	0	0	506	234	73	5	3	0.00	3.78	0
36730033+	36730032	14.79	9 1-	2 ACSR 6/1	0	0	505	234	56	3	2	0.00	3.78	0
36730034+	36730033	14.85	2 1-	2 ACSR 6/1	0	0	503	233	17	1	1	0.00	3.78	0
36730035+	36730034	14.90	2 1-	2 ACSR 6/1	0	0	501	233	17	1	1	0.00	3.79	0
36730040+	36730035	14.94	1 1-	2 ACSR 6/1	0	0	499	232	10	0	0	0.00	3.79	0
36730005+	36730033	14.83	7 1-	2 ACSR 6/1	0	0	503	233	40	2	2	0.00	3.79	0
36730037+	36730005	14.89	1 1-	2 ACSR 6/1	0	0	501	233	8	0	0	0.00	3.79	0
36730036+	36730005	14.85	2 1-	2 ACSR 6/1	0	0	503	233	12	0	0	0.00	3.79	0
36730006+	36730005	15.63	4 1-	2 ACSR 6/1	0	0	477	227	20	1	1	0.02	3.80	0
36720008+	36730006	15.90	3 1-	2 ACSR 6/1	0	0	468	225	20	1	1	0.01	3.81	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36720010+	36720008	15.96	2 1-	2 ACSR 6/1	0	0	467	225	13	0	1	0.00	3.81	0
36720011+	36720010	16.05	1 1-	2 ACSR 6/1	0	0	464	224	7	0	0	0.00	3.81	0
36720012+	36720011	16.11	0 1-	2 ACSR 6/1	0	0	462	224	0	0	0	0.00	3.81	0
36720009+	36720008	15.96	1 1-	2 ACSR 6/1	0	0	466	225	6	0	0	0.00	3.81	0
36720007+	36730006	15.87	1 1-	2 ACSR 6/1	0	0	469	225	0	0	0	0.00	3.80	0
36730031+	36730030	14.74	1 1-	2 ACSR 6/1	0	0	507	234	8	0	0	0.00	3.78	0
36730038+	36730004	14.52	21 1-	2 ACSR 6/1	0	0	514	236	134	9	5	0.01	3.77	1
36730024+	36730038	14.56	20 1-	2 ACSR 6/1	0	0	513	235	127	8	5	0.00	3.77	0
36730026+	36730024	14.70	16 1-	2 ACSR 6/1	0	0	508	234	107	7	4	0.02	3.79	1
36730027+	36730026	14.75	1 1-	2 ACSR 6/1	0	0	506	234	2	0	0	0.00	3.79	0
36730039+	36730026	14.75	14 1-	2 ACSR 6/1	0	0	506	234	101	6	4	0.00	3.79	0
36830014+	36730039	14.78	12 1-	2 ACSR 6/1	0	0	505	234	87	5	3	0.00	3.79	0
36830019+	36830014	14.84	8 1-	2 ACSR 6/1	0	0	503	233	61	4	2	0.00	3.80	0
36830020+	36830019	14.92	7 1-	2 ACSR 6/1	0	0	500	233	54	3	2	0.00	3.80	0
36830002+	36830020	15.10	2 1-	2 ACSR 6/1	0	0	494	231	17	1	1	0.00	3.80	0
36830003+	36830002	15.13	0 1-	2 ACSR 6/1	0	0	493	231	0	0	0	0.00	3.80	0
36830021+	36830020	15.01	3 1-	2 ACSR 6/1	0	0	497	232	20	1	1	0.00	3.80	0
36830001+	36830021	15.04	2 1-	2 ACSR 6/1	0	0	496	232	11	0	0	0.00	3.80	0
36830016+	36830014	14.85	3 1-	2 ACSR 6/1	0	0	503	233	19	1	1	0.00	3.79	0
36830017+	36830016	14.88	2 1-	2 ACSR 6/1	0	0	502	233	14	0	1	0.00	3.79	0
36830018+	36830017	15.09	1 1-	2 ACSR 6/1	0	0	494	231	8	0	0	0.00	3.80	0
36830015+	36830014	14.82	1 1-	2 ACSR 6/1	0	0	504	233	6	0	0	0.00	3.79	0
36730025+	36730024	14.62	2 1-	2 ACSR 6/1	0	0	511	235	8	0	0	0.00	3.77	0
36740012+	36740022	13.87	2 1-	2 ACSR 6/1	0	0	539	241	16	1	1	0.00	3.60	0
36640025+	36640005	13.49	1 1-	2 ACSR 6/1	0	0	555	244	0	0	0	0.00	3.49	0
36550054+	36550053	11.31	1 1-	2 ACSR 6/1	0	0	653	261	8	0	0	0.00	3.01	0
36550049+	36550066	11.04	2 1-	2 ACSR 6/1	0	0	666	263	6	0	0	0.00	2.43	0
36550050+	36550049	11.12	1 1-	2 ACSR 6/1	0	0	662	262	3	0	0	0.00	2.43	0
36550047+	36450008	10.57	1 2-	1/0 ACSR 6/1	0	834	691	267	3	0	0	0.00	2.64	0
36460016+	36460015	9.66	2 1-	2 ACSR 6/1	0	0	741	273	4	0	0	0.00	2.42	0
36460024+	36460023	9.31	1 1-	2 ACSR 6/1	0	0	764	276	2	0	0	0.00	2.41	0
36360021+	36360002	8.72	1 1-	2 ACSR 6/1	0	0	806	281	8	0	0	0.00	2.52	0
36360017+	36370046	8.25	12 1-	2 ACSR 6/1	0	0	841	284	50	3	2	0.00	2.73	0
D36-37-P095+	36360017	8.25	12 1-	RBC-25-E	0	0	841	284	50	3	14	0.00	2.73	0
36370047+	D36-37-P095	8.29	12 1-	2 ACSR 6/1	0	0	837	284	50	3	2	0.00	2.73	0
36370057+	36370047	8.35	9 1-	2 ACSR 6/1	0	0	832	283	40	2	1	0.00	2.74	0
36370058+	36370057	8.44	8 1-	2 ACSR 6/1	0	0	824	282	32	2	1	0.00	2.74	0
36370049+	36370058	8.48	6 1-	2 ACSR 6/1	0	0	820	282	22	1	1	0.00	2.74	0
36370050+	36370049	8.65	5 1-	2 ACSR 6/1	0	0	805	280	20	1	1	0.00	2.74	0
36370051+	36370050	8.75	3 1-	2 ACSR 6/1	0	0	796	279	14	0	1	0.00	2.74	0
36370043+	36370042	8.00	0 1-	2 ACSR 6/1	0	0	861	286	0	0	0	0.00	2.44	0
36370053+	36370052	7.80	2 1-	2 ACSR 6/1	0	0	878	288	12	0	0	0.00	2.62	0
36470034+	36470037	7.48	5 1-	2 ACSR 6/1	0	0	904	290	30	2	1	0.00	2.15	0
36470083+	36470034	7.58	4 1-	2 ACSR 6/1	0	0	893	289	25	1	1	0.00	2.15	0
36470105+	36470034	7.51	1 1-	2 ACSR 6/1	0	0	901	290	6	0	0	0.00	2.15	0
36470104+	36470036	7.35	2 1-	2 ACSR 6/1	0	0	915	291	12	0	0	0.00	2.51	0
36470110+	36470038	6.94	1 1-	2 ACSR 6/1	0	0	953	294	7	0	0	0.00	2.41	0
36470090+	36470099	6.60	2 1-	2 ACSR 6/1	0	0	985	297	9	0	0	0.00	2.31	0
36470098+	36470101	6.42	1 1-	2 ACSR 6/1	0	0	1004	298	13	0	0	0.00	2.08	0
36470097+	36470121	6.31	1 1-	2 ACSR 6/1	0	0	1016	299	6	0	0	0.00	2.22	0
36470106+	36470121	6.31	1 1-	2 ACSR 6/1	0	0	1015	299	6	0	0	0.00	2.22	0
36570022+	36570021	6.08	2 1-	2 ACSR 6/1	0	0	1043	301	11	0	0	0.00	2.05	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36570024+	36570018	5.88	2 1-	2 ACSR 6/1	0	0	1064	302	14	0	1	0.00	2.03	0
36570017+	36570015	5.80	2 1-	2 ACSR 6/1	0	0	1074	303	12	0	0	0.00	2.03	0
365800028+	365800035	5.46	1 1-	2 ACSR 6/1	0	0	1116	305	4	0	0	0.00	1.99	0
365800024+	365800022	5.39	2 1-	2 ACSR 6/1	0	0	1125	306	12	0	0	0.00	1.98	0
365800023+	365800022	5.38	1 1-	2 ACSR 6/1	0	0	1127	306	11	0	0	0.00	1.80	0
365800021+	365800030	5.29	1 1-	2 ACSR 6/1	0	0	1138	307	5	0	0	0.00	1.95	0
365800033+	365800032	4.98	2 1-	2 ACSR 6/1	0	0	1182	309	26	1	1	0.00	2.01	0
36680019+	365800003	4.53	0 1-	2 ACSR 6/1	0	0	1250	313	0	0	0	0.00	1.97	0
366900093+	366900034	3.97	2 1-	2 ACSR 6/1	0	0	1349	317	11	0	0	0.00	1.51	0
366900094+	366900093	4.02	1 1-	2 ACSR 6/1	0	0	1336	316	5	0	0	0.00	1.51	0
366900092+	366900033	3.84	2 1-	2 ACSR 6/1	0	0	1373	318	7	0	0	0.00	1.64	0
366900091+	366900097	3.79	3 1-	2 ACSR 6/1	0	0	1384	319	5	0	0	0.00	1.62	0
36690106+	36690105	3.30	1 1-	2 ACSR 6/1	0	0	1487	323	7	0	0	0.00	1.88	0
36790260+	36790207	2.50	2 1-	2 ACSR 6/1	0	0	1690	329	18	1	1	0.00	1.29	0
36790268+	36790260	2.53	1 1-	2 ACSR 6/1	0	0	1678	329	9	0	0	0.00	1.29	0
36790221+	36790222	2.43	1 1-	2 ACSR 6/1	0	0	1708	330	5	0	0	0.00	1.26	0
36790204+	36790222	2.40	3 1-	2 ACSR 6/1	0	0	1719	330	21	1	1	0.00	1.09	0
36790205+	36790204	2.43	2 1-	2 ACSR 6/1	0	0	1710	330	19	1	1	0.00	1.09	0
36790206+	36790205	2.51	2 1-	2 ACSR 6/1	0	0	1680	329	19	1	1	0.00	1.09	0
36790208+	36790229	2.34	141 3-	1/0 ACSR 6/1	1919	1859	1742	331	951	21	9	0.03	1.38	14
36790187+	36790208	2.41	6 1-	2 ACSR 6/1	0	0	1714	330	43	2	2	0.00	1.84	0
37720125+	36790187	2.43	4 1-	2 ACSR 6/1	0	0	1707	330	30	2	1	0.00	1.84	0
37720127+	37720125	2.46	3 1-	2 ACSR 6/1	0	0	1695	329	24	1	1	0.00	1.84	0
37720128+	37720127	2.51	2 1-	2 ACSR 6/1	0	0	1679	329	18	1	1	0.00	1.84	0
37720129+	37720128	2.53	1 1-	2 ACSR 6/1	0	0	1670	328	11	0	0	0.00	1.84	0
37720126+	37720125	2.47	1 1-	2 ACSR 6/1	0	0	1693	329	6	0	0	0.00	1.84	0
36790154+	36790208	2.45	130 3-	1/0 ACSR 6/1	1889	1827	1706	330	880	20	9	0.04	1.40	17
37720134+	36790154	2.48	128 3-	1/0 ACSR 6/1	1881	1817	1696	330	861	19	9	0.01	1.41	5
37720135+	37720134	2.51	127 3-	1/0 ACSR 6/1	1874	1810	1688	329	854	19	8	0.01	1.41	4
37720085+	37720135	2.56	118 3-	1/0 ACSR 6/1	1861	1796	1673	329	806	18	8	0.02	1.42	7
37720086+	37720085	2.60	113 3-	1/0 ACSR 6/1	1849	1782	1659	328	784	17	8	0.02	1.43	6
D37-72-P009+	37720086	2.60	14 1-	REC-35-E	0	0	1659	328	68	4	13	0.00	1.93	0
37720108+	D37-72-P009	2.64	14 1-	2 ACSR 6/1	0	0	1647	328	68	4	3	0.00	1.93	0
37720109+	37720108	2.66	12 1-	2 ACSR 6/1	0	0	1639	327	59	3	2	0.00	1.93	0
37720122+	37720109	2.70	7 1-	2 ACSR 6/1	0	0	1626	327	41	2	2	0.00	1.93	0
37720121+	37720122	2.76	1 1-	2 ACSR 6/1	0	0	1608	326	5	0	0	0.00	1.93	0
37720120+	37720122	2.74	4 1-	2 ACSR 6/1	0	0	1615	326	22	1	1	0.00	1.93	0
37720078+	37720120	2.98	4 1-	2 ACSR 6/1	0	0	1539	323	22	1	1	0.00	1.94	0
37720088+	37720078	3.03	3 1-	2 ACSR 6/1	0	0	1524	322	16	1	1	0.00	1.94	0
37620004+	37720088	3.33	2 1-	2 ACSR 6/1	0	0	1440	318	9	0	0	0.00	1.94	0
37620005+	37620004	3.46	1 1-	2 ACSR 6/1	0	0	1406	317	1	0	0	0.00	1.94	0
37620003+	37720088	3.13	1 1-	2 ACSR 6/1	0	0	1496	321	7	0	0	0.00	1.94	0
37720110+	37720109	2.73	5 1-	2 ACSR 6/1	0	0	1616	327	18	1	1	0.00	1.93	0
37720119+	37720110	2.80	1 1-	2 ACSR 6/1	0	0	1594	326	5	0	0	0.00	1.93	0
37720011+	37720086	2.68	96 3-	1/0 ACSR 6/1	1832	1763	1638	328	700	16	7	0.02	1.44	7
37720089+	37720011	2.73	96 3-	1/0 ACSR 6/1	1818	1749	1622	327	700	16	7	0.01	1.44	5
37720091+	37720089	2.81	94 3-	1/0 ACSR 6/1	1798	1727	1600	326	686	15	7	0.02	1.46	7
37720087+	37720091	2.92	91 3-	1/0 ACSR 6/1	1773	1700	1571	325	675	15	7	0.03	1.47	10
37720010+	37720087	3.02	24 3-	1/0 ACSR 6/1	1749	1674	1544	324	139	3	1	0.01	1.47	0
37720103+	37720010	3.11	15 3-	1/0 ACSR 6/1	1731	1654	1523	323	94	2	1	0.00	1.47	0
37720105+	37720103	3.14	1 1-	2 ACSR 6/1	0	0	1512	323	2	0	0	0.00	1.32	0
37720104+	37720103	3.26	12 3-	1/0 ACSR 6/1	1696	1618	1484	322	84	1	1	0.01	1.48	0

Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37720132+	37720104	3.56	3 3-	1/0 ACSR 6/1	1635	1553	1417	319	30	0	0	0.00	1.48	0
37730006+	37720132	3.67	0 3-	1/0 ACSR 6/1	1612	1529	1393	318	0	0	0	0.00	1.48	0
37-73-P002-B+	37730060	3.67	0 3-	Open	1612	1529	1393	318	0	0	0	0.00	1.48	0
37730005+	37720132	3.62	1 1-	2 ACSR 6/1	0	0	1402	318	13	0	0	0.00	2.03	0
37720107+	37720104	3.31	9 1-	2 ACSR 6/1	0	0	1472	321	53	3	2	0.00	2.03	0
37720093+	37720107	3.40	4 1-	2 ACSR 6/1	0	0	1448	320	25	1	1	0.00	2.03	0
37720094+	37720093	3.47	2 1-	2 ACSR 6/1	0	0	1428	319	11	0	0	0.00	2.03	0
37720095+	37720094	3.54	1 1-	2 ACSR 6/1	0	0	1410	318	8	0	0	0.00	2.03	0
37720111+	37720095	3.66	1 1-	2 ACSR 6/1	0	0	1380	317	8	0	0	0.00	2.03	0
37720092+	37720107	3.34	4 1-	2 ACSR 6/1	0	0	1464	321	21	1	1	0.00	2.03	0
37720123+	37720092	3.38	2 1-	2 ACSR 6/1	0	0	1452	320	13	0	0	0.00	2.03	0
37720124+	37720123	3.41	1 1-	2 ACSR 6/1	0	0	1443	320	5	0	0	0.00	2.03	0
37720102+	37720010	3.07	2 1-	2 ACSR 6/1	0	0	1530	324	6	0	0	0.00	2.02	0
37720097+	37720010	3.16	7 1-	2 ACSR 6/1	0	0	1504	322	39	2	1	0.00	2.02	0
37720098+	37720097	3.28	3 1-	2 ACSR 6/1	0	0	1469	321	20	1	1	0.00	2.03	0
37720100+	37720098	3.33	3 1-	2 ACSR 6/1	0	0	1455	320	20	1	1	0.00	2.03	0
37720101+	37720100	3.38	1 1-	2 ACSR 6/1	0	0	1444	319	11	0	0	0.00	2.03	0
37720099+	37720098	3.32	0 1-	2 ACSR 6/1	0	0	1459	320	0	0	0	0.00	2.03	0
37720015+	37720087	3.16	67 3-	1/0 ACSR 6/1	1719	1642	1510	323	537	12	5	0.05	1.50	12
37720017+	37720015	3.17	2 3-	1/0 ACSR 6/1	1717	1640	1508	323	283	6	3	0.00	1.50	0
37720116+	37720017	3.37	2 3-	1/0 ACSR 6/1	1673	1593	1459	321	283	6	3	0.01	1.51	3
37720230+	37720116	3.37	2 3-	Consumer	1673	1593	1459	321	283	6	0	0.00	1.51	0
37720117+	37720116	3.40	0 3-	1/0 ACSR 6/1	1667	1586	1452	321	0	0	0	0.00	1.51	0
37720118+	37720117	3.49	0 3-	1/0 ACSR 6/1	1648	1566	1431	320	0	0	0	0.00	1.51	0
37720079+	37720117	3.48	0 3-	1/0 ACSR 6/1	1649	1568	1433	320	0	0	0	0.00	1.51	0
37720080+	37720079	3.56	0 3-	1/0 ACSR 6/1	1634	1552	1416	319	0	0	0	0.00	1.51	0
37720081+	37720080	3.58	0 3-	1/0 ACSR 6/1	1630	1548	1412	319	0	0	0	0.00	1.51	0
37720018+	37720017	3.31	0 3-	1/0 ACSR 6/1	1686	1607	1473	321	0	0	0	0.00	1.50	0
37720013+	37720015	3.24	65 3-	1/0 ACSR 6/1	1702	1624	1491	322	253	5	2	0.01	1.50	1
D37-72-P045+	37720013	3.24	65 3-	REC-70-E	1702	1624	1491	322	253	5	8	0.00	1.50	0
37720016+	D37-72-P045	3.42	65 3-	1/0 ACSR 6/1	1662	1582	1447	320	253	5	2	0.02	1.51	3
37720112+	37720016	3.50	65 3-	1/0 ACSR 6/1	1647	1565	1430	320	253	5	2	0.01	1.51	1
37720113+	37720112	3.58	65 3-	1/0 ACSR 6/1	1630	1547	1412	319	253	5	2	0.01	1.52	1
37720440+	37720113	3.58	2 3-	Consumer	1630	1547	1412	319	2	0	0	0.00	1.52	0
37720115+	37720113	3.59	63 3-	1/0 ACSR 6/1	1628	1545	1410	319	251	5	2	0.00	1.52	0
37720133+	37720115	3.97	63 3-	1/0 ACSR 6/1	1556	1470	1333	315	251	5	2	0.05	1.53	6
37730066+	37720133	4.00	46 1-	2 ACSR 6/1	0	0	1326	315	171	11	6	0.01	2.17	0
D37-73-P077+	37730066	4.00	45 1-	REC-35-E	0	0	1326	315	171	11	33	0.00	2.17	0
37730044+	D37-73-P077	4.03	45 1-	2 ACSR 6/1	0	0	1318	314	171	11	6	0.01	2.17	0
37730046+	37730044	4.09	43 1-	2 ACSR 6/1	0	0	1305	314	167	11	6	0.01	2.18	1
37730047+	37730046	4.14	41 1-	2 ACSR 6/1	0	0	1295	313	162	11	6	0.01	2.19	0
37730079+	37730047	4.24	38 1-	2 ACSR 6/1	0	0	1272	312	147	10	6	0.02	2.21	2
37730080+	37730079	4.40	2 1-	2 ACSR 6/1	0	0	1240	310	11	0	0	0.00	2.21	0
37730074+	37730079	4.31	32 1-	2 ACSR 6/1	0	0	1257	311	121	8	5	0.01	2.22	0
37730075+	37730074	4.41	3 1-	2 ACSR 6/1	0	0	1238	310	5	0	0	0.00	2.22	0
37730073+	37730074	4.39	28 1-	2 ACSR 6/1	0	0	1242	310	105	7	4	0.01	2.22	0
37730052+	37730073	4.42	27 1-	2 ACSR 6/1	0	0	1236	309	102	6	4	0.00	2.23	0
37730054+	37730052	4.49	2 1-	2 ACSR 6/1	0	0	1221	308	15	1	1	0.00	2.23	0
37730084+	37730054	4.53	1 1-	2 ACSR 6/1	0	0	1213	308	0	0	0	0.00	2.23	0
37730053+	37730052	4.44	1 1-	2 ACSR 6/1	0	0	1232	309	1	0	0	0.00	2.23	0
37730051+	37730052	4.56	24 1-	2 ACSR 6/1	0	0	1207	308	87	5	3	0.01	2.24	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37730067+	37730049	4.66	2 1-	2 ACSR 6/1	0	0	1189	306	6	0	0	0.00	2.24	0
37730050+	37730049	4.67	1 1-	2 ACSR 6/1	0	0	1188	306	1	0	0	0.00	2.24	0
37730048+	37730051	4.62	3 1-	2 ACSR 6/1	0	0	1197	307	12	0	0	0.00	2.24	0
37730068+	37730048	4.69	1 1-	2 ACSR 6/1	0	0	1183	306	6	0	0	0.00	2.24	0
37730069+	37730048	4.67	2 1-	2 ACSR 6/1	0	0	1187	306	6	0	0	0.00	2.24	0
37730070+	37730051	4.61	17 1-	2 ACSR 6/1	0	0	1199	307	60	4	2	0.00	2.24	0
37730071+	37730070	4.66	16 1-	2 ACSR 6/1	0	0	1190	306	55	3	2	0.00	2.24	0
37730072+	37730071	4.85	15 1-	2 ACSR 6/1	0	0	1155	304	51	3	2	0.01	2.25	0
37730055+	37730072	4.89	14 1-	2 ACSR 6/1	0	0	1147	303	50	3	2	0.00	2.26	0
37730057+	37730055	4.95	12 1-	2 ACSR 6/1	0	0	1138	303	37	2	1	0.00	2.26	0
37730058+	37730057	5.02	9 1-	2 ACSR 6/1	0	0	1125	302	34	2	1	0.00	2.26	0
37730085+	37730058	5.05	6 1-	2 ACSR 6/1	0	0	1120	302	19	1	1	0.00	2.26	0
37730082+	37730085	5.09	5 1-	2 ACSR 6/1	0	0	1113	301	17	1	1	0.00	2.26	0
37730083+	37730082	6.34	4 1-	2 ACSR 6/1	0	0	937	286	17	1	1	0.02	2.28	0
37640026+	37730083	6.39	3 1-	2 ACSR 6/1	0	0	931	286	16	1	1	0.00	2.28	0
37730056+	37730055	4.95	1 1-	2 ACSR 6/1	0	0	1137	303	6	0	0	0.00	2.26	0
37730077+	37730047	4.20	3 1-	2 ACSR 6/1	0	0	1280	312	15	1	1	0.00	2.19	0
37730078+	37730077	4.23	2 1-	2 ACSR 6/1	0	0	1274	312	14	0	1	0.00	2.19	0
37730045+	37730044	4.08	2 1-	2 ACSR 6/1	0	0	1307	314	4	0	0	0.00	2.17	0
37730061+	37720133	4.01	16 3-	2 ACSR 6/1	1546	1459	1323	315	79	1	1	0.00	1.53	0
37730063+	37730061	4.05	13 3-	2 ACSR 6/1	1538	1450	1314	314	69	1	1	0.00	1.54	0
37730081+	37730063	4.23	11 3-	2 ACSR 6/1	1499	1410	1274	312	66	1	1	0.00	1.54	0
37830008+	37730081	4.28	9 3-	2 ACSR 6/1	1489	1399	1263	311	48	1	1	0.00	1.54	0
37830009+	37830008	4.40	8 3-	2 ACSR 6/1	1466	1374	1240	310	48	1	1	0.00	1.54	0
37830002+	37830009	4.56	8 1-	2 ACSR 6/1	0	0	1208	308	48	3	2	0.01	1.14	0
37820004+	37830002	4.62	1 1-	2 ACSR 6/1	0	0	1196	307	5	0	0	0.00	1.14	0
37820005+	37830002	4.65	7 1-	2 ACSR 6/1	0	0	1191	307	42	2	2	0.00	1.14	0
37820006+	37820005	4.96	6 1-	2 ACSR 6/1	0	0	1136	303	39	2	1	0.01	1.15	0
37830010+	37820006	4.99	4 1-	2 ACSR 6/1	0	0	1129	302	29	1	1	0.00	1.15	0
37830007+	37830010	5.51	3 1-	2 ACSR 6/1	0	0	1048	296	20	1	1	0.01	1.16	0
37930002+	37830007	5.63	1 1-	2 ACSR 6/1	0	0	1030	295	9	0	0	0.00	1.16	0
37730062+	37730061	4.07	2 1-	2 ACSR 6/1	0	0	1308	314	7	0	0	0.00	1.34	0
37730065+	37730062	4.14	1 1-	2 ACSR 6/1	0	0	1295	313	1	0	0	0.00	1.34	0
37730064+	37730062	4.11	1 1-	2 ACSR 6/1	0	0	1300	313	6	0	0	0.00	1.34	0
37720114+	37720113	3.60	0 1-	2 ACSR 6/1	0	0	1408	319	0	0	0	0.00	2.11	0
37720096+	37720091	2.85	2 1-	2 ACSR 6/1	0	0	1589	326	10	0	0	0.00	1.30	0
37720090+	37720089	2.77	1 1-	2 ACSR 6/1	0	0	1610	327	6	0	0	0.00	1.96	0
37720083+	37720135	2.54	4 1-	2 ACSR 6/1	0	0	1678	329	27	1	1	0.00	1.90	0
37720084+	37720083	2.61	2 1-	2 ACSR 6/1	0	0	1653	328	10	0	0	0.00	1.90	0
37720082+	37720135	2.54	3 1-	2 ACSR 6/1	0	0	1677	329	13	0	0	0.00	1.27	0
36790209+	36790208	2.38	5 3-	1/0 ACSR 6/1	1906	1845	1727	330	29	0	0	0.00	1.38	0
36790210+	36790209	2.43	4 3-	1/0 ACSR 6/1	1895	1833	1713	330	17	0	0	0.00	1.38	0
37720136+	36790210	2.47	1 3-	1/0 ACSR 6/1	1882	1819	1698	330	0	0	0	0.00	1.38	0
36790263+	37720136	2.65	1 3-	1/0 ACSR 6/1	1838	1770	1645	328	0	0	0	0.00	1.38	0
37720014+	36790210	2.51	3 1-	2 ACSR 6/1	0	0	1684	329	17	1	1	0.00	1.07	0
37720131+	37720014	2.56	2 1-	2 ACSR 6/1	0	0	1667	328	8	0	0	0.00	1.07	0
37720130+	37720014	2.55	1 1-	2 ACSR 6/1	0	0	1670	328	9	0	0	0.00	1.07	0
36790227+	36790226	2.17	1 1-	2 ACSR 6/1	0	0	1790	332	2	0	0	0.00	1.70	0
36790228+	36790227	2.21	0 1-	2 ACSR 6/1	0	0	1775	332	0	0	0	0.00	1.70	0
36790225+	36790271	2.08	7 1-	2 ACSR 6/1	0	0	1821	333	26	1	1	0.00	1.65	0
36790230+	36790225	2.14	1 1-	2 ACSR 6/1	0	0	1796	332	8	0	0	0.00	1.65	0
36790224+	36790271	2.03	2 1-	2 ACSR 6/1	0	0	1839	334	9	0	0	0.00	1.65	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
36790024+	36790160	1.79	1 1-	2 ACSR 6/1	0	0	1930	336	0	0	0	0.00	0.93	0
D36-79-P033+	36790024	1.79	1 1-	REC-50-E	0	0	1930	336	0	0	0	0.00	0.93	0
36790161+	D36-79-P033	1.93	1 1-	2 ACSR 6/1	0	0	1866	334	0	0	0	0.00	0.93	0
36790162+	36790161	2.22	1 1-	2 ACSR 6/1	0	0	1752	330	0	0	0	0.00	0.93	0
36790163+	36790162	2.28	0 1-	2 ACSR 6/1	0	0	1729	329	0	0	0	0.00	0.93	0
36790150+	36790231	1.61	4 1-	2 ACSR 6/1	0	0	2007	338	53	3	2	0.00	0.86	0
36790152+	36790150	1.64	1 1-	2 ACSR 6/1	0	0	1990	338	3	0	0	0.00	0.86	0
36790151+	36790150	1.62	1 1-	2 ACSR 6/1	0	0	1998	338	41	2	2	0.00	0.86	0
36790245+	36790246	1.44	0 1-	2 ACSR 6/1	0	0	2078	340	0	0	0	0.00	1.32	0
36790218+	36780004	1.12	1 3-	1/0 ACSR 6/1	2296	2286	2233	343	16	0	0	0.00	0.74	0
D36-79-P282+	36790218	1.12	0 1-	FUS	0	0	2233	343	0	0	0	0.00	1.02	0
36790267+	D36-79-P282	1.17	0 1-	2 ACSR 6/1	0	0	2205	343	0	0	0	0.00	1.02	0
36880036+	36880037	0.43	1 1-	2 ACSR 6/1	0	0	2625	350	0	0	0	0.00	0.20	0
36880017+	36880011	0.02	0 3-	1/0 ACSR 6/1	2741	2797	2923	355	0	0	0	0.00	0.01	0
36-88-P027-A+	36880017	0.02	0 3-	Open	2741	2797	2923	355	0	0	0	0.00	0.01	0
CKT 1 total losses:		\$7,613												
SUB 51, CKT 2														
BK5102+	BLED50E(51)	0.00	174 3-	BK5102	2753	2810	2943	355	3027	67	34	0.00	0.00	0
36880015+	BK5102	0.01	174 3-	1/0 ACSR 6/1	2746	2802	2931	355	3027	67	29	0.01	0.01	20
36880016+	36880015	0.18	174 3-	1/0 ACSR 6/1	2671	2719	2806	353	3027	67	29	0.09	0.10	221
36880041+	36880016	0.36	170 3-	1/0 ACSR 6/1	2593	2630	2678	351	3001	66	29	0.10	0.19	239
36880042+	36880041	0.43	166 3-	1/0 ACSR 6/1	2562	2594	2629	351	2979	66	29	0.04	0.23	95
36880043+	36880042	0.52	165 3-	1/0 ACSR 6/1	2527	2554	2575	350	2976	66	29	0.04	0.28	108
36880044+	36880043	0.57	163 3-	1/0 ACSR 6/1	2507	2530	2543	349	2967	65	29	0.03	0.30	64
36870006+	36880044	0.63	162 3-	1/0 ACSR 6/1	2480	2499	2502	348	2960	65	29	0.03	0.34	86
36870025+	36870006	0.67	158 3-	1/0 ACSR 6/1	2464	2480	2478	348	2941	65	28	0.02	0.36	51
36870026+	36870025	0.75	157 3-	1/0 ACSR 6/1	2433	2445	2431	347	2928	65	28	0.04	0.40	98
36870012+	36870026	0.80	155 3-	1/0 ACSR 6/1	2414	2423	2404	347	2912	64	28	0.02	0.43	60
36870015+	36870012	0.91	151 3-	1/0 ACSR 6/1	2371	2373	2340	345	2892	64	28	0.06	0.48	139
36870017+	36870015	1.00	4 3-	1/0 ACSR 6/1	2338	2335	2293	345	633	14	6	0.01	0.50	5
36870310+	36870017	1.00	2 3-	Consumer	2338	2335	2293	345	619	14	0	0.00	0.50	0
36870029+	36870017	1.04	0 3-	1/0 ACSR 6/1	2324	2317	2272	344	0	0	0	0.00	0.50	0
36870016+	36870015	1.11	146 3-	1/0 ACSR 6/1	2299	2289	2237	343	2238	49	22	0.07	0.56	148
36870019+	36870016	1.31	144 3-	1/0 ACSR 6/1	2229	2209	2140	341	1192	26	12	0.03	0.59	50
36870020+	36870019	1.40	142 3-	1/0 ACSR 6/1	2200	2175	2100	340	1179	26	11	0.01	0.61	21
20852069+	36870020	1.60	134 3-	1/0 ACSR 6/1	2134	2100	2012	338	1138	25	11	0.03	0.64	49
20852070+	20852069	1.70	133 3-	1/0 ACSR 6/1	2102	2064	1971	337	1133	25	11	0.01	0.66	23
20852071+	20852070	1.76	130 3-	1/0 ACSR 6/1	2085	2044	1948	337	1121	25	11	0.01	0.67	13
20852072+	20852071	1.83	129 3-	1/0 ACSR 6/1	2064	2020	1921	336	1119	25	11	0.01	0.68	16
36860006+	20852072	1.89	127 3-	1/0 ACSR 6/1	2044	1999	1897	335	1110	25	11	0.01	0.69	14
20852067+	36860006	1.95	1 1-	2 ACSR 6/1	0	0	1870	335	2	0	0	0.00	0.36	0
36860005+	36860006	1.95	125 3-	1/0 ACSR 6/1	2027	1979	1875	335	1103	24	11	0.01	0.70	13
36860007+	36860005	2.00	124 3-	1/0 ACSR 6/1	2013	1963	1857	334	1097	24	11	0.01	0.70	11
D36-86-P002+	36860007	2.00	124 3-	REC-70-E	2013	1963	1857	334	1097	24	35	0.00	0.70	0
20851844+	D36-86-P002	2.03	124 3-	1/0 ACSR 6/1	2003	1953	1845	334	1097	24	11	0.00	0.71	7
20852087+	20851844	2.17	121 3-	1/0 ACSR 6/1	1964	1909	1797	333	1083	24	11	0.02	0.73	29
36860010+	20852087	3.18	5 1-	2 ACSR 6/1	0	0	1460	319	16	1	1	0.02	0.70	0
36860011+	36860010	3.27	4 1-	2 ACSR 6/1	0	0	1438	317	15	1	1	0.00	0.71	0
36760011+	36860011	3.34	0 1-	2 ACSR 6/1	0	0	1418	316	0	0	0	0.00	0.71	0
36760007+	36860011	3.38	3 1-	2 ACSR 6/1	0	0	1409	316	11	0	0	0.00	0.71	0
36760008+	36760007	3.44	2 1-	2 ACSR 6/1	0	0	1392	315	8	0	0	0.00	0.71	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
41130009+	D41-13-P027	5.82	63 1-	2 ACSR 6/1	0	0	1043	298	301	20	11	0.01	2.15	3
41130038+	41130009	5.88	1 1-	2 ACSR 6/1	0	0	1035	297	6	0	0	0.00	2.15	0
41130006+	41130009	5.88	62 1-	2 ACSR 6/1	0	0	1035	297	295	20	11	0.02	2.16	4
41130042+	41130006	6.08	60 1-	2 ACSR 6/1	0	0	1006	295	289	19	11	0.06	2.22	14
41130043+	41130042	6.15	58 1-	2 ACSR 6/1	0	0	997	294	276	18	10	0.02	2.24	4
41130044+	41130043	6.20	2 1-	2 ACSR 6/1	0	0	991	294	12	0	0	0.00	2.24	0
41130007+	41130043	6.20	56 1-	2 ACSR 6/1	0	0	991	294	264	17	10	0.01	2.26	3
41130049+	41130007	6.31	52 1-	2 ACSR 6/1	0	0	977	292	253	17	10	0.03	2.28	6
41130051+	41130049	6.42	49 1-	2 ACSR 6/1	0	0	963	291	228	15	9	0.03	2.31	4
41130052+	41130051	6.45	48 1-	2 ACSR 6/1	0	0	959	291	223	15	8	0.01	2.32	1
41130045+	41130052	6.48	5 1-	2 ACSR 6/1	0	0	955	290	5	0	0	0.00	2.32	0
41130053+	41130052	6.70	41 1-	2 ACSR 6/1	0	0	929	288	207	14	8	0.05	2.37	9
41230028+	41130053	6.79	1 1-	2 ACSR 6/1	0	0	919	287	7	0	0	0.00	2.37	0
41230030+	41130053	6.74	36 1-	2 ACSR 6/1	0	0	924	287	171	11	6	0.01	2.38	0
41230031+	41230030	6.80	36 1-	2 ACSR 6/1	0	0	917	287	171	11	6	0.01	2.39	1
41230036+	41230031	6.85	2 1-	2 ACSR 6/1	0	0	912	286	14	0	1	0.00	2.39	0
41230039+	41230036	6.89	1 1-	2 ACSR 6/1	0	0	908	286	7	0	0	0.00	2.39	0
41230032+	41230031	6.83	3 1-	2 ACSR 6/1	0	0	914	286	3	0	0	0.00	2.39	0
41230033+	41230032	6.85	1 1-	2 ACSR 6/1	0	0	912	286	2	0	0	0.00	2.39	0
41230034+	41230033	6.91	1 1-	2 ACSR 6/1	0	0	905	286	2	0	0	0.00	2.39	0
41230005+	41230033	7.00	0 1-	2 ACSR 6/1	0	0	895	284	0	0	0	0.00	2.39	0
41130010+	41230005	7.03	0 1-	2 ACSR 6/1	0	0	891	284	0	0	0	0.00	2.39	0
41230040+	41230031	6.86	27 1-	2 ACSR 6/1	0	0	911	286	135	9	5	0.01	2.39	0
41230041+	41230040	6.89	23 1-	2 ACSR 6/1	0	0	907	286	118	8	4	0.00	2.40	0
41230035+	41230041	6.96	4 1-	2 ACSR 6/1	0	0	900	285	16	1	1	0.00	2.40	0
41230037+	41230041	6.98	19 1-	2 ACSR 6/1	0	0	897	285	101	6	4	0.01	2.41	0
41230038+	41230037	7.02	14 1-	2 ACSR 6/1	0	0	893	284	74	5	3	0.00	2.41	0
41230011+	41230038	7.16	10 1-	2 ACSR 6/1	0	0	878	283	46	3	2	0.01	2.42	0
41230010+	41230011	7.23	7 1-	2 ACSR 6/1	0	0	871	282	36	2	1	0.00	2.42	0
41220008+	41230010	7.26	1 1-	2 ACSR 6/1	0	0	868	282	7	0	0	0.00	2.42	0
41220009+	41220008	7.29	1 1-	2 ACSR 6/1	0	0	865	281	7	0	0	0.00	2.42	0
41220007+	41230010	7.28	5 1-	2 ACSR 6/1	0	0	866	281	28	1	1	0.00	2.42	0
41220010+	41220007	7.32	4 1-	2 ACSR 6/1	0	0	861	281	19	1	1	0.00	2.42	0
41220011+	41220007	7.35	1 1-	2 ACSR 6/1	0	0	859	281	9	0	0	0.00	2.42	0
41230006+	41220011	7.35	1 1-	2 ACSR 6/1	0	0	859	281	9	0	0	0.00	2.42	0
41230009+	41230011	7.18	2 1-	2 ACSR 6/1	0	0	876	283	7	0	0	0.00	2.42	0
41220001+	41230009	7.20	0 1-	2 ACSR 6/1	0	0	873	282	0	0	0	0.00	2.42	0
41230008+	41230038	7.05	4 1-	2 ACSR 6/1	0	0	890	284	28	1	1	0.00	2.41	0
41230007+	41230037	7.00	1 1-	2 ACSR 6/1	0	0	895	284	4	0	0	0.00	2.41	0
41230029+	41130053	6.73	3 1-	2 ACSR 6/1	0	0	925	287	20	1	1	0.00	2.37	0
41230027+	41230029	6.76	2 1-	2 ACSR 6/1	0	0	922	287	16	1	1	0.00	2.37	0
41130050+	41130049	6.35	2 1-	2 ACSR 6/1	0	0	972	292	8	0	0	0.00	2.28	0
41130054+	41130007	6.29	4 1-	2 ACSR 6/1	0	0	979	293	12	0	0	0.00	2.26	0
41130055+	41130054	6.33	1 1-	2 ACSR 6/1	0	0	974	292	4	0	0	0.00	2.26	0
41130048+	41130054	6.34	2 1-	2 ACSR 6/1	0	0	973	292	6	0	0	0.00	2.26	0
41130039+	41130006	5.92	2 1-	2 ACSR 6/1	0	0	1029	297	6	0	0	0.00	2.16	0
41130040+	41130039	5.95	2 1-	2 ACSR 6/1	0	0	1025	297	6	0	0	0.00	2.16	0
41130041+	41130040	5.97	2 1-	2 ACSR 6/1	0	0	1022	296	6	0	0	0.00	2.16	0
41130046+	41140026	5.68	1 1-	2 ACSR 6/1	0	0	1063	300	2	0	0	0.00	2.09	0
41130034+	41140026	5.77	9 1-	2 ACSR 6/1	0	0	1050	299	41	2	2	0.00	1.06	0
41130035+	41130034	5.80	8 1-	2 ACSR 6/1	0	0	1046	298	32	2	1	0.00	1.06	0
D41-13-P018+	41130035	5.80	8 1-	REC-25-E	0	0	1046	298	32	2	9	0.00	1.06	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 53 HINKLE(53)		2388			5254	5355	5528	190	13186						
SUB 53, CKT 1															
BK5301	HINKLE(53)	0.00	970 3-	BK5301	5254	5355	5528	190	4439	185	99	0.00	0.00	0	
11920019	BK5301	0.03	970 3-	336 ACSR 18/1	5178	5263	5393	190	4439	185	35	0.02	0.03	109	
11920020	11920019	0.14	969 3-	336 ACSR 18/1	4950	4988	5003	190	4437	185	35	0.08	0.14	342	
11820088	11920020	0.26	967 3-	336 ACSR 18/1	4717	4712	4628	190	4427	185	35	0.08	0.26	380	
11820089	11820088	0.29	967 3-	336 ACSR 18/1	4666	4653	4549	190	4424	185	35	0.02	0.28	88	
11820087	11820089	0.31	15 1-	2 ACSR 6/1	0	0	4461	189	65	8	5	0.00	0.23	0	
D11-82-P057	11820087	0.31	13 1-	FUS	0	0	4461	189	53	6	153	0.00	0.23	0	
11820078	D11-82-P057	0.35	13 1-	2 ACSR 6/1	0	0	4321	189	53	6	4	0.01	0.24	0	
11820079	11820078	0.39	13 1-	2 ACSR 6/1	0	0	4191	189	53	6	4	0.01	0.25	0	
11820080	11820079	0.42	12 1-	2 ACSR 6/1	0	0	4077	189	50	6	4	0.01	0.25	0	
11820081	11820080	0.46	10 1-	2 ACSR 6/1	0	0	3940	188	39	4	3	0.01	0.26	0	
11820072	11820081	0.58	8 1-	2 ACSR 6/1	0	0	3546	187	32	4	2	0.01	0.27	0	
11920025	11820072	0.63	2 1-	2 ACSR 6/1	0	0	3422	187	11	1	1	0.00	0.27	0	
11920026	11920025	0.66	1 1-	2 ACSR 6/1	0	0	3331	187	1	0	0	0.00	0.27	0	
11820082	11820089	0.54	952 3-	336 ACSR 18/1	4258	4183	3948	189	4358	182	34	0.18	0.52	750	
11820084	11820082	0.57	951 3-	336 ACSR 18/1	4215	4134	3888	189	4347	182	34	0.02	0.55	87	
11820096	11820084	0.60	949 3-	336 ACSR 18/1	4166	4079	3821	189	4345	182	34	0.02	0.58	100	
D11-82-P030	11820096	0.60	3 1-	FUS	0	0	3821	189	11	1	30	0.00	0.44	0	
11820139	D11-82-P030	0.67	3 1-	2 ACSR 6/1	0	0	3620	188	11	1	1	0.00	0.45	0	
11820130	11820139	0.72	2 1-	2 ACSR 6/1	0	0	3484	188	4	0	0	0.00	0.45	0	
11820123	11820130	0.79	1 1-	2 ACSR 6/1	0	0	3307	187	2	0	0	0.00	0.45	0	
11820098	11820096	0.64	942 3-	336 ACSR 18/1	4104	4010	3737	189	4326	181	34	0.03	0.62	130	
11820094	11820098	0.70	941 3-	336 ACSR 18/1	4019	3915	3624	189	4316	181	34	0.05	0.68	183	
11820102	11820094	0.81	935 3-	336 ACSR 18/1	3876	3757	3437	188	4290	180	34	0.08	0.78	323	
11820103	11820102	0.85	5 1-	2 ACSR 6/1	0	0	3349	188	14	1	1	0.00	0.59	0	
11820104	11820103	0.94	3 1-	2 ACSR 6/1	0	0	3146	187	6	0	0	0.00	0.59	0	
D11-82-P017	11820104	0.94	1 1-	FUS	0	0	3146	187	4	0	13	0.00	0.59	0	
11820105	D11-82-P017	0.96	1 1-	2 ACSR 6/1	0	0	3103	187	4	0	0	0.00	0.59	0	
D11-82-P017A	11820104	0.94	1 1-	FUS	0	0	3146	187	0	0	1	0.00	0.59	0	
11820049	D11-82-P017A	1.35	1 1-	2 ACSR 6/1	0	0	2424	184	0	0	0	0.00	0.59	0	
11820107	11820049	1.42	1 1-	2 ACSR 6/1	0	0	2325	184	0	0	0	0.00	0.59	0	
11820077	11820107	1.57	0 1-	2 ACSR 6/1	0	0	2134	183	0	0	0	0.00	0.59	0	
11820106	11820049	1.50	0 1-	2 ACSR 6/1	0	0	2225	183	0	0	0	0.00	0.59	0	
11820110	11820102	0.85	929 3-	336 ACSR 18/1	3829	3707	3378	188	4270	179	34	0.03	0.81	108	
11820111	11820110	0.90	926 3-	336 ACSR 18/1	3770	3642	3304	188	4258	179	34	0.04	0.86	141	
11820062	11820111	0.92	4 1-	2 ACSR 6/1	0	0	3243	188	18	2	1	0.00	0.65	0	
11820063	11820062	0.98	2 1-	2 ACSR 6/1	0	0	3118	188	9	1	1	0.00	0.65	0	
11820061	11820111	1.01	922 3-	336 ACSR 18/1	3641	3503	3145	188	4238	178	34	0.09	0.96	320	
11820056	11820061	1.05	911 3-	336 ACSR 18/1	3590	3448	3083	188	4177	175	33	0.04	1.00	129	
11820057	11820056	1.09	903 3-	336 ACSR 18/1	3555	3411	3042	188	4139	174	33	0.03	1.03	88	
11820058	11820057	1.23	901 3-	336 ACSR 18/1	3406	3253	2867	188	4133	174	33	0.12	1.15	397	
11720077	11820058	1.28	8 1-	2 ACSR 6/1	0	0	2787	187	38	4	3	0.01	0.85	0	
11720078	11720077	1.35	5 1-	2 ACSR 6/1	0	0	2661	187	23	2	2	0.00	0.86	0	
11720088	11720078	1.40	2 1-	2 ACSR 6/1	0	0	2596	186	11	1	1	0.00	0.86	0	
11720070	11820058	1.33	891 3-	336 ACSR 18/1	3310	3152	2758	187	4088	172	33	0.08	1.24	269	
D11-72-P026	11720070	1.33	18 1-	FUS	0	0	2758	187	82	10	238	0.00	1.80	0	
11720074	D11-72-P026	1.40	18 1-	2 ACSR 6/1	0	0	2655	187	82	10	6	0.02	1.82	1	
11720089	11720074	1.49	4 1-	2 ACSR 6/1	0	0	2515	186	17	2	1	0.00	1.82	0	
11720090	11720089	1.53	1 1-	2 ACSR 6/1	0	0	2457	186	7	0	1	0.00	1.82	0	
11720073	11720074	1.48	13 1-	2 ACSR 6/1	0	0	2530	186	61	7	4	0.02	1.84	0	

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
11720083	11720073	1.58	11 1-	2 ACSR 6/1	0	0	2388	185	52	6	4	0.02	1.86	0
11720082	11720083	1.63	10 1-	2 ACSR 6/1	0	0	2326	185	51	6	4	0.01	1.86	0
11720085	11720082	1.70	3 1-	2 ACSR 6/1	0	0	2243	184	15	1	1	0.00	1.87	0
11720086	11720085	1.77	2 1-	2 ACSR 6/1	0	0	2160	184	8	1	1	0.00	1.87	0
11720087	11720086	1.82	1 1-	2 ACSR 6/1	0	0	2108	184	4	0	0	0.00	1.87	0
11720081	11720082	1.69	5 1-	2 ACSR 6/1	0	0	2251	184	32	4	2	0.01	1.87	0
11720115	11720081	1.78	3 1-	2 ACSR 6/1	0	0	2147	184	17	2	1	0.00	1.87	0
11720114	11720115	1.82	2 1-	2 ACSR 6/1	0	0	2107	183	8	1	1	0.00	1.87	0
11720080	11720082	1.68	0 1-	2 ACSR 6/1	0	0	2264	185	0	0	0	0.00	1.86	0
11720112	11720073	1.53	1 1-	2 ACSR 6/1	0	0	2455	186	7	0	0	0.00	1.84	0
11720069	11720070	1.39	872 3-	336 ACSR 18/1	3251	3090	2692	187	4000	168	32	0.05	1.30	165
11720060	11720069	1.45	870 3-	336 ACSR 18/1	3205	3042	2641	187	3988	168	32	0.04	1.34	130
11720061	11720060	1.53	867 3-	336 ACSR 18/1	3131	2965	2559	187	3959	167	32	0.07	1.41	218
11720065	11720061	1.58	861 3-	336 ACSR 18/1	3090	2923	2515	187	3940	166	31	0.04	1.45	123
11720091	11720065	1.62	860 3-	336 ACSR 18/1	3059	2892	2483	187	3937	166	31	0.03	1.48	93
11720092	11720091	1.77	859 3-	336 ACSR 18/1	2939	2769	2356	186	3936	166	31	0.12	1.61	387
11720104	11720092	1.92	857 3-	336 ACSR 18/1	2833	2661	2247	186	3922	165	31	0.12	1.74	368
11720105	11720104	2.10	856 3-	336 ACSR 18/1	2717	2543	2130	186	3918	165	31	0.14	1.88	435
11-72-P001-B	11720105	2.10	856 3-	Closed	2717	2543	2130	186	3914	165	0	0.00	1.88	0
11-72-P001-A	11-72-P001-B	2.10	856 3-	Closed	2717	2543	2130	186	3914	165	0	0.00	1.88	0
11720058	11-72-P001-A	2.22	856 3-	336 ACSR 18/1	2644	2470	2058	185	3914	165	31	0.09	1.98	289
11620053	11720058	2.26	845 3-	336 ACSR 18/1	2615	2420	2030	185	3857	163	31	0.04	2.01	116
11620055	11620053	2.29	841 3-	336 ACSR 18/1	2602	2429	2017	185	3843	163	31	0.02	2.03	51
11620068	11620055	2.34	839 3-	336 ACSR 18/1	2570	2397	1986	185	3836	162	31	0.04	2.08	133
11620070	11620068	2.38	837 3-	336 ACSR 18/1	2548	2375	1965	185	3832	162	31	0.03	2.11	93
11620071	11620070	2.44	836 3-	336 ACSR 18/1	2514	2341	1932	185	3829	162	31	0.05	2.16	147
11620074	11620071	2.56	1 1-	2 ACSR 6/1	0	0	1838	184	5	0	0	0.00	1.60	0
11620022	11620071	2.51	835 3-	336 ACSR 18/1	2476	2303	1896	185	3822	162	31	0.06	2.21	168
11620088	11620022	2.56	835 3-	1/0 ACSR 6/1	2437	2265	1862	184	3821	162	71	0.11	2.33	363
11620089	11620088	2.58	833 3-	1/0 ACSR 6/1	2424	2251	1850	184	3811	162	70	0.04	2.37	133
11620103	11620089	2.64	830 3-	1/0 ACSR 6/1	2376	2203	1810	184	3802	161	70	0.14	2.51	459
11620104	11620103	2.79	828 3-	1/0 ACSR 6/1	2269	2096	1719	183	3792	161	70	0.34	2.86	1105
11620058	11620104	2.84	826 3-	1/0 ACSR 6/1	2236	2063	1690	183	3776	161	70	0.11	2.98	360
11620023	11620058	2.91	826 3-	1/0 ACSR 6/1	2186	2013	1649	183	3772	161	70	0.17	3.15	556
C11-63-P1	11620023	2.91	0 3-	Capacitor	2186	2013	1649	183	0	-20	0	0.00	3.15	0
11630005	11620023	3.39	826 3-	1/0 ACSR 6/1	1905	1739	1420	180	3767	163	71	1.24	4.40	3677
11630006	11630005	3.56	826 3-	1/0 ACSR 6/1	1823	1659	1355	179	3733	163	71	0.43	4.84	1268
11630003	11630006	3.65	0 1-	2 ACSR 6/1	0	0	1316	178	0	0	0	0.00	3.98	0
11630004	11630006	3.67	824 3-	1/0 ACSR 6/1	1769	1608	1312	179	3720	163	71	0.30	5.13	879
11530016	11630004	3.83	817 3-	1/0 ACSR 6/1	1699	1540	1257	178	3676	161	70	0.40	5.55	1214
11530019	11530016	4.08	809 3-	1/0 ACSR 6/1	1600	1447	1181	176	3647	160	70	0.62	6.18	1842
11530020	11530019	4.19	808 3-	1/0 ACSR 6/1	1561	1410	1151	176	3620	160	70	0.26	6.45	785
11530021	11530020	4.29	807 3-	1/0 ACSR 6/1	1524	1375	1122	175	3604	160	70	0.26	6.72	775
11530022	11530021	4.38	806 3-	1/0 ACSR 6/1	1494	1346	1099	175	3591	159	70	0.22	6.94	654
11530009	11530022	4.45	805 3-	1/0 ACSR 6/1	1472	1325	1082	175	3577	159	69	0.17	7.12	510
11530011	11530009	4.53	803 3-	1/0 ACSR 6/1	1448	1302	1064	174	3567	159	69	0.18	7.31	546
11530024	11530011	4.60	801 3-	1/0 ACSR 6/1	1427	1283	1048	174	3557	159	69	0.17	7.48	496
11530025	11530024	4.72	799 3-	1/0 ACSR 6/1	1389	1247	1019	173	3534	158	69	0.31	7.80	920
11540016	11530025	4.92	799 3-	1/0 ACSR 6/1	1334	1196	977	172	3525	158	69	0.49	8.29	1433
11540007	11540016	5.01	797 3-	1/0 ACSR 6/1	1310	1174	959	172	3504	157	69	0.22	8.52	642
11540017	11540007	5.27	794 3-	1/0 ACSR 6/1	1246	1114	911	170	3488	157	68	0.64	9.16	1854
11540018	11540017	5.36	794 3-	1/0 ACSR 6/1	1228	1097	897	170	3471	157	68	0.20	9.36	576

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
11540010	11540018	5.46	3 1-	2 ACSR 6/1	0	0	877	169	25	3	2	0.01	11.09	0	
11440006	11540010	5.51	3 1-	2 ACSR 6/1	0	0	867	169	25	3	2	0.00	11.09	0	
11440005	11440006	5.56	1 1-	2 ACSR 6/1	0	0	857	169	9	1	1	0.00	11.09	0	
11440004	11440005	5.61	0 1-	2 ACSR 6/1	0	0	847	168	0	0	0	0.00	11.09	0	
11440002	11440004	5.68	0 1-	2 ACSR 6/1	0	0	836	168	0	0	0	0.00	11.09	0	
11440003	11440002	5.73	0 1-	2 ACSR 6/1	0	0	826	167	0	0	0	0.00	11.09	0	
11540005	11540018	6.84	791 3-	1/0 ACSR 6/1	961	851	699	163	3441	156	68	3.58	12.96	10424	
R11-55-P23	11540005	6.84	791 3-		0	961	851	699	163	3344	156	156	-10.16	2.92	0
11550003	R11-55-P23	7.24	791 3-	1/0 ACSR 6/1	908	804	660	161	3344	143	62	0.85	3.78	2312	
11550005	11550003	7.29	1 1-	2 ACSR 6/1	0	0	655	161	10	1	0	0.00	3.19	0	
11550004	11550003	7.32	789 3-	1/0 ACSR 6/1	898	794	653	161	3310	142	62	0.18	3.96	485	
11560098	11550004	7.42	787 3-	1/0 ACSR 6/1	885	783	643	160	3297	142	62	0.23	4.19	610	
11560091	11560098	7.52	786 3-	1/0 ACSR 6/1	874	773	635	160	3284	142	62	0.20	4.39	538	
11560092	11560091	7.60	785 3-	1/0 ACSR 6/1	864	764	628	160	3268	141	62	0.18	4.58	491	
11560093	11560092	7.63	783 3-	1/0 ACSR 6/1	861	760	625	159	3254	141	61	0.07	4.64	177	
11560094	11560093	7.66	783 3-	1/0 ACSR 6/1	857	757	623	159	3253	141	61	0.06	4.71	169	
D11-56-P028	11560094	7.66	81 3-	REC-50-4H	857	757	623	159	354	15	31	0.00	4.71	0	
11560100	D11-56-P028	7.87	81 3-	2 ACSR 6/1	829	731	602	158	354	15	9	-0.04	4.78	58	
11660032	11560100	7.92	81 3-	2 ACSR 6/1	822	725	598	158	354	15	9	-0.01	4.80	13	
11660037	11660032	8.03	79 3-	2 ACSR 6/1	808	711	587	157	350	15	8	-0.02	4.84	30	
11660051	11660037	8.13	78 3-	2 ACSR 6/1	796	700	579	156	345	15	8	-0.02	4.88	25	
11660015	11660051	8.16	74 3-	2 ACSR 6/1	791	696	576	156	326	14	8	-0.01	4.89	9	
11660003	11660015	8.26	73 3-	2 ACSR 6/1	780	686	568	156	323	14	8	-0.03	4.92	26	
11660035	11660003	8.28	2 1-	2 ACSR 6/1	0	0	566	155	7	0	1	0.00	4.04	0	
11660040	11660003	8.38	71 3-	2 ACSR 6/1	765	672	557	155	315	13	8	-0.04	4.96	33	
11660036	11660040	8.52	2 1-	2 ACSR 6/1	0	0	546	154	12	1	1	0.01	4.87	0	
11660039	11660036	8.61	1 1-	2 ACSR 6/1	0	0	540	153	7	0	1	0.00	4.87	0	
11660041	11660040	8.46	68 3-	2 ACSR 6/1	757	665	551	154	302	13	7	-0.02	4.98	18	
11660042	11660041	8.55	3 1-	2 ACSR 6/1	0	0	544	154	6	0	0	0.00	3.98	0	
11660043	11660042	8.59	0 1-	2 ACSR 6/1	0	0	541	154	0	0	0	0.00	3.98	0	
11660050	11660041	8.61	2 3-	2 ACSR 6/1	740	649	540	153	15	0	0	0.00	4.99	0	
11660044	11660041	8.59	63 1-	2 ACSR 6/1	0	0	541	154	281	36	20	0.14	5.07	31	
11660046	11660044	8.66	60 1-	2 ACSR 6/1	0	0	536	153	277	36	20	0.08	5.15	17	
11660047	11660046	8.77	59 1-	2 ACSR 6/1	0	0	528	152	276	36	20	0.11	5.26	25	
11660045	11660047	8.89	59 1-	2 ACSR 6/1	0	0	519	152	276	36	20	0.13	5.39	29	
11760047	11660045	8.98	6 1-	2 ACSR 6/1	0	0	513	151	30	3	2	0.01	5.40	0	
11760048	11760047	9.02	5 1-	2 ACSR 6/1	0	0	510	151	24	3	2	0.00	5.40	0	
11760049	11760048	9.07	2 1-	2 ACSR 6/1	0	0	507	151	14	1	1	0.00	5.40	0	
11760050	11760049	9.18	1 1-	2 ACSR 6/1	0	0	499	150	8	1	1	0.00	5.40	0	
11760046	11660045	8.96	3 1-	2 ACSR 6/1	0	0	514	151	4	0	0	0.00	5.39	0	
11760034	11660045	8.95	2 1-	2 ACSR 6/1	0	0	514	151	5	0	0	0.00	5.39	0	
11760026	11660045	8.99	48 1-	2 ACSR 6/1	0	0	512	151	236	31	17	0.09	5.47	17	
11760053	11760026	9.51	48 1-	2 ACSR 6/1	0	0	478	148	236	31	17	0.46	5.93	89	
11760054	11760053	9.71	48 1-	2 ACSR 6/1	0	0	466	147	235	31	17	0.18	6.11	35	
11760027	11760054	9.73	42 1-	2 ACSR 6/1	0	0	465	147	210	27	15	0.01	6.13	2	
11760029	11760027	9.82	42 1-	2 ACSR 6/1	0	0	460	146	210	27	15	0.07	6.20	13	
11760033	11760029	10.05	0 1-	2 ACSR 6/1	0	0	448	145	0	0	0	0.00	6.20	0	
11760030	11760029	10.16	42 1-	2 ACSR 6/1	0	0	442	145	210	27	15	0.27	6.46	46	
11860024	11760030	10.47	39 1-	2 ACSR 6/1	0	0	426	143	204	27	15	0.24	6.71	41	
11860025	11860024	10.72	17 1-	2 ACSR 6/1	0	0	414	142	79	10	6	0.08	6.78	5	
11860026	11860025	10.86	3 1-	2 ACSR 6/1	0	0	408	141	13	1	1	0.01	6.79	0	
11860049	11860026	10.98	2 1-	2 ACSR 6/1	0	0	403	140	7	0	1	0.00	6.79	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11860050	11860049	11.08	2 1-	2 ACSR 6/1	0	0	398	140	7	0	1	0.00	6.79	0
11860048	11860026	10.96	1 1-	2 ACSR 6/1	0	0	404	140	6	0	0	0.00	6.79	0
11860051	11860025	10.90	14 1-	2 ACSR 6/1	0	0	406	141	67	8	5	0.04	6.82	2
11860052	11860051	10.91	13 1-	2 ACSR 6/1	0	0	406	141	62	8	5	0.00	6.83	0
11860053	11860052	10.99	10 1-	2 ACSR 6/1	0	0	402	140	58	7	4	0.02	6.84	0
11860062	11860053	11.04	3 1-	2 ACSR 6/1	0	0	400	140	25	3	2	0.00	6.85	0
11860063	11860062	11.10	2 1-	2 ACSR 6/1	0	0	397	140	18	2	1	0.00	6.85	0
11860059	11860063	11.20	1 1-	2 ACSR 6/1	0	0	393	139	9	1	1	0.00	6.86	0
11960003	11860059	11.28	1 1-	2 ACSR 6/1	0	0	390	139	9	1	1	0.00	6.86	0
11860044	11860053	11.05	4 1-	2 ACSR 6/1	0	0	400	140	27	3	2	0.00	6.85	0
11860045	11860044	11.16	2 1-	2 ACSR 6/1	0	0	395	139	11	1	1	0.00	6.85	0
11860047	11860045	11.24	2 1-	2 ACSR 6/1	0	0	392	139	11	1	1	0.00	6.85	0
11860046	11860045	11.21	0 1-	2 ACSR 6/1	0	0	393	139	0	0	0	0.00	6.85	0
11860055	11860053	11.07	3 1-	2 ACSR 6/1	0	0	399	140	6	0	0	0.00	6.85	0
11860022	11860024	10.57	22 1-	2 ACSR 6/1	0	0	421	142	124	16	9	0.05	6.75	5
11860058	11860022	10.66	1 1-	2 ACSR 6/1	0	0	417	142	0	0	0	0.00	6.75	0
11860064	11860058	10.71	0 1-	2 ACSR 6/1	0	0	415	142	0	0	0	0.00	6.75	0
11860023	11860022	10.71	21 1-	2 ACSR 6/1	0	0	415	142	124	16	9	0.07	6.82	7
D11-86-P038	11860023	10.71	20 1-	SEC-50-GH	0	0	415	142	113	14	0	0.00	6.82	0
11860027	D11-86-P038	10.97	20 1-	2 ACSR 6/1	0	0	403	140	113	14	8	0.11	6.93	10
11760036	11860027	11.20	17 1-	2 ACSR 6/1	0	0	393	139	102	13	8	0.08	7.01	7
11760037	11760036	11.30	15 1-	2 ACSR 6/1	0	0	389	139	92	12	7	0.04	7.05	3
11760038	11760037	11.38	14 1-	2 ACSR 6/1	0	0	386	138	91	12	7	0.03	7.07	2
11760039	11760038	11.47	13 1-	2 ACSR 6/1	0	0	382	138	84	11	6	0.03	7.10	2
11760040	11760039	11.55	12 1-	2 ACSR 6/1	0	0	380	138	78	10	6	0.02	7.13	1
11760041	11760040	11.63	11 1-	2 ACSR 6/1	0	0	376	137	75	10	6	0.02	7.15	2
11760042	11760041	11.70	10 1-	2 ACSR 6/1	0	0	374	137	73	9	5	0.02	7.17	0
11760043	11760042	11.74	8 1-	2 ACSR 6/1	0	0	372	137	62	8	5	0.01	7.18	0
11760044	11760043	11.78	7 1-	2 ACSR 6/1	0	0	371	136	54	7	4	0.01	7.18	0
11760045	11760044	11.89	6 1-	2 ACSR 6/1	0	0	367	136	46	6	3	0.02	7.20	0
11670011	11760045	11.92	5 1-	2 ACSR 6/1	0	0	366	136	36	4	3	0.00	7.20	0
11670012	11670011	12.01	4 1-	2 ACSR 6/1	0	0	362	135	27	3	2	0.01	7.21	0
11670009	11670012	12.12	3 1-	2 ACSR 6/1	0	0	359	135	21	2	2	0.01	7.22	0
11670007	11670009	12.19	2 1-	2 ACSR 6/1	0	0	356	134	16	2	1	0.00	7.22	0
11670013	11670007	12.30	1 1-	2 ACSR 6/1	0	0	352	134	14	1	1	0.00	7.23	0
11760035	11860027	11.04	3 1-	2 ACSR 6/1	0	0	400	140	11	1	1	0.00	6.93	0
11860054	11860023	10.76	1 1-	2 ACSR 6/1	0	0	413	141	11	1	1	0.00	6.82	0
11860056	11760030	10.25	3 1-	2 ACSR 6/1	0	0	437	144	6	0	0	0.00	6.47	0
11860057	11860056	10.29	1 1-	2 ACSR 6/1	0	0	435	144	3	0	0	0.00	6.47	0
11760028	11760054	10.29	6 1-	2 ACSR 6/1	0	0	435	144	25	3	2	0.05	6.16	1
11750008	11760028	10.50	4 1- 15 KV	2 URD XLP	0	0	424	253	20	2	2	0.02	6.18	0
11750009	11750008	10.68	4 1- 15 KV	2 URD XLP	0	0	416	249	20	2	2	0.02	6.20	0
11750010	11750009	10.77	2 1- 15 KV	2 URD XLP	0	0	411	247	7	0	1	0.00	6.20	0
11750011	11750010	10.88	2 1- 15 KV	2 URD XLP	0	0	406	245	7	0	1	0.00	6.21	0
11750007	11750009	10.88	2 1-	2 ACSR 6/1	0	0	407	140	13	1	1	0.01	6.21	0
11750016	11750007	10.93	2 1-	2 ACSR 6/1	0	0	404	140	13	1	1	0.00	6.21	0
11750015	11750016	10.97	1 1-	2 ACSR 6/1	0	0	402	140	7	0	0	0.00	6.21	0
11750012	11760028	10.31	2 1-	2 ACSR 6/1	0	0	434	144	5	0	0	0.00	6.16	0
11660034	11660015	8.18	1 1-	2 ACSR 6/1	0	0	574	156	3	0	0	0.00	4.07	0
11660038	11660051	8.14	3 1-	2 ACSR 6/1	0	0	578	156	9	1	1	0.00	4.08	0
11660049	11660038	8.17	1 1-	2 ACSR 6/1	0	0	575	156	4	0	0	0.00	4.08	0
11560096	11560094	7.84	0 1-	2 ACSR 6/1	0	0	606	158	0	0	0	0.00	4.04	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
11560095	11560094	7.76	701 3-	1/0 ACSR 6/1	847	748	615	159	2895	125	55	0.22	4.89	437
11560028	11560095	8.05	681 3-	1/0 ACSR 6/1	816	720	592	158	2798	121	53	0.61	5.42	1283
11560074	11560028	8.11	669 3-	1/0 ACSR 6/1	809	714	588	157	2764	120	53	0.13	5.54	272
11560103	11560074	8.22	2 1-	2 ACSR 6/1	0	0	578	157	3	0	0	0.00	6.92	0
11560081	11560074	8.18	663 3-	1/0 ACSR 6/1	803	708	583	157	2734	119	52	0.13	5.65	275
11560083	11560081	8.25	659 3-	1/0 ACSR 6/1	795	701	577	157	2719	119	52	0.15	5.79	315
11560085	11560083	8.28	656 3-	1/0 ACSR 6/1	793	699	575	157	2696	118	51	0.05	5.84	113
11560087	11560085	8.34	1 1-	2 ACSR 6/1	0	0	570	156	7	0	1	0.00	4.76	0
11560086	11560085	8.43	654 3-	1/0 ACSR 6/1	779	686	565	156	2686	117	51	0.29	6.10	601
11560101	11560086	8.62	652 3-	1/0 ACSR 6/1	761	671	552	155	2677	117	51	0.37	6.43	770
11110049	11560101	8.72	651 3-	1/0 ACSR 6/1	752	662	546	155	2670	117	51	0.21	6.62	430
11110054	11110049	8.76	635 3-	1/0 ACSR 6/1	749	660	543	154	2621	115	50	0.07	6.68	141
D11-46-P048	11110054	8.76	635 3-	REC-100-4H	749	660	543	154	2620	115	116	0.00	6.68	0
11110053	D11-46-P048	8.90	635 3-	1/0 ACSR 6/1	737	649	535	154	2620	115	50	0.27	6.92	545
11110036	11110053	8.93	1 1-	2 ACSR 6/1	0	0	532	154	2	0	0	0.00	5.47	0
11110025	11110053	8.96	0 1-	2 ACSR 6/1	0	0	530	153	0	0	0	0.00	6.67	0
11110037	11110053	8.97	634 3-	1/0 ACSR 6/1	731	643	530	154	2613	115	50	0.15	7.05	293
11110038	11110037	9.01	633 3-	1/0 ACSR 6/1	728	640	528	153	2608	115	50	0.08	7.12	156
11110039	11110038	9.08	632 3-	1/0 ACSR 6/1	722	635	524	153	2605	115	50	0.13	7.23	269
11110026	11110039	9.23	631 3-	1/0 ACSR 6/1	710	625	515	152	2601	115	50	0.29	7.49	585
11110027	11110026	9.35	61 1-	2 ACSR 6/1	0	0	506	152	15	1	1	0.01	5.86	0
11110044	11110027	9.39	4 1-	2 ACSR 6/1	0	0	504	151	7	0	1	0.00	5.86	0
11110045	11110044	9.44	3 1-	2 ACSR 6/1	0	0	500	151	6	0	0	0.00	5.86	0
D11-46-P077	11110045	9.44	2 1-	FUS	0	0	500	151	2	0	6	0.00	5.86	0
11110050	D11-46-P077	10.19	2 1-	2 ACSR 6/1	0	0	456	147	2	0	0	0.00	5.86	0
11470002	11110050	10.24	1 1-	2 ACSR 6/1	0	0	453	147	0	0	0	0.00	5.86	0
11110052	11110027	9.41	1 1-	2 ACSR 6/1	0	0	503	151	7	0	1	0.00	5.86	0
11110042	11110026	9.32	625 3-	1/0 ACSR 6/1	703	619	510	152	2581	114	50	0.17	7.64	336
11110043	11110042	9.38	594 3-	1/0 ACSR 6/1	698	614	506	152	2459	109	48	0.11	7.75	238
11110046	11110043	9.66	592 3-	1/0 ACSR 6/1	678	596	491	151	2450	109	47	0.47	8.20	984
11360028	11110046	9.73	591 3-	1/0 ACSR 6/1	673	592	488	150	2437	109	47	0.11	8.30	222
11360030	11360028	9.83	590 3-	1/0 ACSR 6/1	666	585	483	150	2432	108	47	0.17	8.46	349
11360042	11360030	9.86	584 3-	1/0 ACSR 6/1	664	584	482	150	2406	107	47	0.05	8.51	104
11360041	11360042	9.87	583 3-	1/0 ACSR 6/1	663	583	481	150	2395	107	47	0.02	8.53	42
11360018	11360041	9.94	582 3-	1/0 ACSR 6/1	659	579	478	150	2391	107	47	0.10	8.63	222
11360017	11360018	9.99	580 3-	1/0 ACSR 6/1	655	576	475	149	2381	106	46	0.09	8.72	182
11370051	11360017	10.08	580 3-	1/0 ACSR 6/1	649	570	471	149	2380	106	46	0.15	8.86	315
11370052	11370051	10.14	580 3-	1/0 ACSR 6/1	646	567	468	149	2377	106	46	0.09	8.95	191
11370053	11370052	10.19	577 3-	1/0 ACSR 6/1	642	564	466	148	2368	106	46	0.08	9.03	163
11370061	11370053	10.46	539 3-	1/0 ACSR 6/1	626	549	453	147	2222	99	43	0.41	9.42	773
11370063	11370061	10.50	1 1-	2 ACSR 6/1	0	0	451	147	10	1	1	0.00	9.32	0
11370062	11370061	10.67	538 3-	1/0 ACSR 6/1	613	538	444	147	2205	99	43	0.31	9.72	588
11370044	11370062	10.87	538 3-	1/0 ACSR 6/1	602	528	436	146	2199	99	43	0.30	10.01	576
11370048	11370044	10.94	535 3-	1/0 ACSR 6/1	598	524	433	145	2179	98	43	0.10	10.11	192
11370049	11370048	11.12	534 3-	1/0 ACSR 6/1	588	515	426	145	2169	98	43	0.26	10.37	504
11370042	11370049	11.16	2 1-	2 ACSR 6/1	0	0	424	145	13	1	1	0.00	10.29	0
11370043	11370049	11.19	530 3-	1/0 ACSR 6/1	584	512	423	144	2141	97	42	0.10	10.47	202
11370050	11370043	11.35	529 3-	1/0 ACSR 6/1	576	505	417	144	2138	97	42	0.21	10.69	417
11370031	11370050	11.42	528 3-	1/0 ACSR 6/1	572	501	414	144	2127	96	42	0.10	10.79	202
11370060	11370031	11.51	1 1-	2 ACSR 6/1	0	0	410	143	6	0	0	0.00	8.37	0
11370056	11370031	11.46	526 3-	1/0 ACSR 6/1	570	499	413	143	2114	96	42	0.06	10.84	105
11380015	11370056	11.54	525 3-	1/0 ACSR 6/1	566	496	410	143	2107	96	42	0.11	10.95	210

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11480037	11380015	11.80	524 3-	1/0 ACSR 6/1	554	485	401	142	2097	95	42	0.36	11.31	675
11480038	11480037	11.85	522 3-	1/0 ACSR 6/1	551	482	399	142	2072	94	41	0.08	11.38	142
11480039	11480038	11.89	520 3-	1/0 ACSR 6/1	549	481	398	142	2062	94	41	0.05	11.43	86
D11-48-P005	11480039	11.89	75 1-	REC-35-H	0	0	398	142	279	37	108	0.00	8.93	0
11480033	D11-48-P005	12.43	75 1-	2 ACSR 6/1	0	0	376	139	279	37	21	0.59	9.52	138
11380016	11480033	12.53	2 1-	2 ACSR 6/1	0	0	373	139	8	1	1	0.00	9.53	0
11380012	11480033	12.72	73 1-	2 ACSR 6/1	0	0	366	138	270	36	20	0.30	9.82	68
11380017	11380012	12.74	2 1-	2 ACSR 6/1	0	0	365	138	3	0	0	0.00	9.83	0
11380018	11380017	12.79	1 1-	2 ACSR 6/1	0	0	363	137	2	0	0	0.00	9.83	0
11380014	11380012	12.85	71 1-	2 ACSR 6/1	0	0	362	137	267	36	20	0.14	9.96	31
11380028	11380014	12.87	5 1-	2 ACSR 6/1	0	0	361	137	8	1	1	0.00	9.96	0
11380029	11380028	12.94	4 1-	2 ACSR 6/1	0	0	358	137	6	0	0	0.00	9.96	0
11380020	11380014	13.00	65 1-	2 ACSR 6/1	0	0	356	136	256	35	19	0.15	10.11	32
11380030	11380020	13.04	3 1-	2 ACSR 6/1	0	0	355	136	7	0	1	0.00	10.11	0
11380031	11380030	13.08	3 1-	2 ACSR 6/1	0	0	354	136	7	0	1	0.00	10.11	0
11380021	11380031	13.36	1 1-	2 ACSR 6/1	0	0	344	134	2	0	0	0.00	10.11	0
11380032	11380020	13.03	61 1-	2 ACSR 6/1	0	0	355	136	246	33	19	0.03	10.14	7
11380033	11380032	13.07	61 1-	2 ACSR 6/1	0	0	354	136	245	33	19	0.04	10.18	8
11380022	11380033	13.27	59 1-	2 ACSR 6/1	0	0	347	135	240	32	18	0.19	10.37	39
11280016	11380022	13.43	55 1-	2 ACSR 6/1	0	0	342	134	226	31	17	0.13	10.51	25
11280018	11280016	13.51	54 1-	2 ACSR 6/1	0	0	340	134	220	30	17	0.07	10.58	14
11280020	11280018	13.57	49 1-	2 ACSR 6/1	0	0	338	134	207	28	16	0.05	10.63	9
11280021	11280020	13.66	48 1-	2 ACSR 6/1	0	0	335	133	203	28	16	0.07	10.70	12
11280022	11280021	13.90	46 1-	2 ACSR 6/1	0	0	328	132	197	27	15	0.18	10.88	31
11290017	11280022	14.01	44 1-	2 ACSR 6/1	0	0	325	131	187	25	14	0.08	10.96	13
11290018	11290017	14.13	42 1-	2 ACSR 6/1	0	0	322	131	185	25	14	0.09	11.05	14
11290023	11290018	14.18	42 1-	2 ACSR 6/1	0	0	321	131	185	25	14	0.04	11.08	6
11290019	11290023	14.27	41 1-	2 ACSR 6/1	0	0	318	130	183	25	14	0.06	11.15	10
11290020	11290019	14.34	40 1-	2 ACSR 6/1	0	0	316	130	181	25	14	0.05	11.20	8
11290021	11290020	14.49	39 1-	2 ACSR 6/1	0	0	312	129	177	24	14	0.11	11.31	17
11290022	11290021	14.64	39 1-	2 ACSR 6/1	0	0	308	129	177	24	14	0.10	11.41	15
11290024	11290022	14.91	38 1-	2 ACSR 6/1	0	0	302	127	171	23	13	0.18	11.59	27
11290025	11290024	14.99	1 1-	2 ACSR 6/1	0	0	300	127	6	0	0	0.00	11.59	0
11290015	11290024	15.24	37 1-	2 ACSR 6/1	0	0	294	126	165	22	13	0.21	11.80	30
12220022	11290015	15.31	35 1-	2 ACSR 6/1	0	0	292	126	159	22	12	0.04	11.85	6
12220023	12220022	15.37	35 1-	2 ACSR 6/1	0	0	291	126	159	22	12	0.04	11.89	5
12220024	12220023	15.48	35 1-	2 ACSR 6/1	0	0	288	125	159	22	12	0.07	11.96	9
12220026	12220024	15.55	1 1-	2 ACSR 6/1	0	0	287	125	3	0	0	0.00	11.96	0
12220025	12220024	15.74	32 1-	2 ACSR 6/1	0	0	283	124	152	21	12	0.15	12.11	20
D12-22-P023	12220025	15.74	32 1-	SEC-35-GH	0	0	283	124	152	21	0	0.00	12.11	0
12220027	D12-22-P023	15.89	32 1-	2 ACSR 6/1	0	0	279	123	152	21	12	0.09	12.20	12
12220028	12220027	15.97	31 1-	2 ACSR 6/1	0	0	278	123	146	20	11	0.04	12.24	6
12220029	12220028	16.03	29 1-	2 ACSR 6/1	0	0	277	123	141	19	11	0.03	12.28	4
12220030	12220029	16.05	28 1-	2 ACSR 6/1	0	0	276	123	139	19	11	0.02	12.29	2
12220035	12220030	16.12	5 1-	2 ACSR 6/1	0	0	275	122	24	3	2	0.01	12.30	0
12220036	12220035	16.15	2 1-	2 ACSR 6/1	0	0	274	122	15	2	1	0.00	12.30	0
12220037	12220036	16.20	1 1-	2 ACSR 6/1	0	0	273	122	9	1	1	0.00	12.30	0
12220032	12220030	16.11	16 1-	2 ACSR 6/1	0	0	275	123	91	12	7	0.02	12.31	1
12220033	12220032	16.17	15 1-	2 ACSR 6/1	0	0	274	122	85	11	7	0.02	12.33	2
12220034	12220033	16.33	14 1-	2 ACSR 6/1	0	0	270	122	79	10	6	0.05	12.38	3
12120039	12220034	16.39	2 1-	2 ACSR 6/1	0	0	269	121	13	1	1	0.00	12.38	0
12120035	12120039	16.48	1 1-	2 ACSR 6/1	0	0	268	121	6	0	0	0.00	12.38	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
12120036	12120035	16.50	1 1-	2 ACSR 6/1	0	0	267	121	6	0	0	0.00	12.38	0
12120037	12120036	16.57	0 1-	2 ACSR 6/1	0	0	266	121	0	0	0	0.00	12.38	0
12120038	12220034	16.45	10 1-	2 ACSR 6/1	0	0	268	121	57	8	4	0.03	12.41	1
12120040	12120038	16.51	0 1-	2 ACSR 6/1	0	0	267	121	0	0	0	0.00	12.41	0
12120018	12120038	16.61	10 1-	2 ACSR 6/1	0	0	265	121	57	8	4	0.04	12.44	2
12120041	12120018	16.66	1 1-	2 ACSR 6/1	0	0	264	120	7	0	1	0.00	12.44	0
12120017	12120018	16.68	9 1-	2 ACSR 6/1	0	0	264	120	50	7	4	0.01	12.46	0
12120042	12120017	16.95	9 1-	2 ACSR 6/1	0	0	259	119	50	7	4	0.05	12.51	2
12120043	12120042	17.12	7 1-	2 ACSR 6/1	0	0	256	119	41	5	3	0.02	12.53	0
12120046	12120043	17.35	4 1-	2 ACSR 6/1	0	0	252	118	17	2	1	0.01	12.54	0
12120033	12120046	17.40	3 1-	2 ACSR 6/1	0	0	251	118	11	1	1	0.00	12.54	0
12120034	12120033	17.49	1 1-	2 ACSR 6/1	0	0	250	117	5	0	0	0.00	12.54	0
12020008	12120034	17.53	1 1-	2 ACSR 6/1	0	0	249	117	5	0	0	0.00	12.55	0
12020007	12120034	17.53	0 1-	2 ACSR 6/1	0	0	249	117	0	0	0	0.00	12.54	0
12120044	12120043	17.22	2 1-	2 ACSR 6/1	0	0	254	118	9	1	1	0.00	12.53	0
12120045	12120044	17.29	1 1-	2 ACSR 6/1	0	0	253	118	3	0	0	0.00	12.53	0
12220031	12220030	16.12	5 1-	2 ACSR 6/1	0	0	275	122	17	2	1	0.00	12.30	0
12220038	12220031	16.20	4 1-	2 ACSR 6/1	0	0	273	122	15	2	1	0.00	12.30	0
12220041	12220038	16.32	2 1-	2 ACSR 6/1	0	0	271	122	8	1	1	0.00	12.30	0
12220039	12220041	16.37	0 1-	2 ACSR 6/1	0	0	270	122	0	0	0	0.00	12.30	0
12220040	12220039	16.52	0 1-	2 ACSR 6/1	0	0	267	121	0	0	0	0.00	12.30	0
12220044	12220028	16.04	2 1-	2 ACSR 6/1	0	0	276	123	5	0	0	0.00	12.25	0
12220045	12220044	16.09	1 1-	2 ACSR 6/1	0	0	275	123	4	0	0	0.00	12.25	0
11290013	11290021	14.54	0 1-	2 ACSR 6/1	0	0	311	129	0	0	0	0.00	11.31	0
11290016	11280022	13.95	2 1-	2 ACSR 6/1	0	0	327	132	9	1	1	0.00	10.88	0
11280019	11280018	13.56	1 1-	2 ACSR 6/1	0	0	338	134	8	1	1	0.00	10.58	0
11280017	11280018	13.60	4 1-	2 ACSR 6/1	0	0	337	133	4	0	0	0.00	10.58	0
11280025	11280017	13.87	1 1-	2 ACSR 6/1	0	0	329	132	1	0	0	0.00	10.58	0
11280026	11280025	13.92	1 1-	2 ACSR 6/1	0	0	328	132	1	0	0	0.00	10.58	0
11280015	11380022	13.33	2 1-	2 ACSR 6/1	0	0	345	135	11	1	1	0.00	10.37	0
11380019	11380014	12.92	1 1-	2 ACSR 6/1	0	0	359	137	3	0	0	0.00	9.96	0
11380013	11380012	12.81	0 1-	2 ACSR 6/1	0	0	363	137	0	0	0	0.00	9.82	0
11480029	11480039	12.02	445 3-	1/0 ACSR 6/1	543	475	393	141	1782	82	36	0.22	11.58	278
11480042	11480029	12.15	444 3-	1/0 ACSR 6/1	537	470	389	141	1775	81	36	0.22	11.73	273
11480043	11480042	12.23	444 3-	1/0 ACSR 6/1	534	467	387	141	1772	81	36	0.12	11.82	152
11480044	11480043	12.29	0 1-	2 ACSR 6/1	0	0	384	140	0	0	0	0.00	11.92	0
11480030	11480043	12.29	444 3-	1/0 ACSR 6/1	531	465	385	140	1771	81	36	0.10	11.88	119
11480045	11480030	12.35	1 1-	2 ACSR 6/1	0	0	382	140	7	1	1	0.00	9.12	0
11480028	11480030	12.35	443 3-	1/0 ACSR 6/1	529	463	383	140	1762	81	35	0.10	11.95	122
D11-48-P019	11480028	12.35	61 1-	REC-35-H	0	0	383	140	195	27	79	0.00	14.59	0
11480052	D11-48-P019	12.71	61 1-	2 ACSR 6/1	0	0	369	138	195	27	15	0.29	14.87	49
11480056	11480052	12.77	1 1-	2 ACSR 6/1	0	0	367	138	1	0	0	0.00	14.87	0
11480057	11480056	12.82	1 1-	2 ACSR 6/1	0	0	365	138	1	0	0	0.00	14.87	0
11480051	11480052	12.77	1 1-	2 ACSR 6/1	0	0	367	138	4	0	0	0.00	14.87	0
11480053	11480052	12.96	58 1-	2 ACSR 6/1	0	0	360	137	187	26	15	0.19	15.07	32
11480054	11480053	13.03	24 1-	2 ACSR 6/1	0	0	358	137	83	11	7	0.02	15.09	2
11480055	11480054	13.08	22 1-	2 ACSR 6/1	0	0	356	136	71	10	6	0.01	15.10	0
D11-48-P035	11480055	13.08	22 1-	SEC-35-GH	0	0	356	136	71	10	6	0.00	15.10	0
11480036	D11-48-P035	13.60	22 1-	2 ACSR 6/1	0	0	340	134	71	10	6	0.15	15.25	9
11490011	11480036	13.76	20 1-	2 ACSR 6/1	0	0	335	133	68	9	5	0.04	15.29	3
11390021	11490011	13.98	18 1-	2 ACSR 6/1	0	0	329	132	61	8	5	0.05	15.34	3
11390016	11390021	14.08	11 1-	2 ACSR 6/1	0	0	326	132	41	5	3	0.02	15.36	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11390018	11390016	14.11	2 1-	2 ACSR 6/1	0	0	325	132	15	2	1	0.00	15.36	0
11390017	11390016	14.29	6 1-	2 ACSR 6/1	0	0	320	131	19	2	1	0.02	15.38	0
11390019	11390017	14.34	3 1-	2 ACSR 6/1	0	0	319	131	9	1	1	0.00	15.38	0
11390011	11390019	14.46	1 1-	2 ACSR 6/1	0	0	315	130	2	0	0	0.00	15.38	0
11390012	11390017	14.38	3 1-	2 ACSR 6/1	0	0	317	130	9	1	1	0.00	15.38	0
11390013	11390012	14.45	2 1-	2 ACSR 6/1	0	0	316	130	6	0	0	0.00	15.38	0
11390020	11390021	14.01	6 1-	2 ACSR 6/1	0	0	328	132	20	2	2	0.00	15.35	0
11390014	11390020	14.13	4 1-	2 ACSR 6/1	0	0	324	132	14	1	1	0.01	15.35	0
11390015	11390014	14.18	1 1-	2 ACSR 6/1	0	0	323	131	8	1	1	0.00	15.35	0
11480048	11480053	13.09	34 1-	2 ACSR 6/1	0	0	356	136	103	14	8	0.05	15.12	5
11490012	11480048	13.25	31 1-	2 ACSR 6/1	0	0	351	136	100	14	8	0.07	15.18	6
11490017	11490012	13.27	21 1-	2 ACSR 6/1	0	0	350	136	78	11	6	0.01	15.19	0
11490018	11490017	13.33	20 1-	2 ACSR 6/1	0	0	348	135	71	10	6	0.02	15.20	0
11490019	11490018	13.41	17 1-	2 ACSR 6/1	0	0	346	135	60	8	5	0.02	15.22	0
11490020	11490019	13.42	16 1-	2 ACSR 6/1	0	0	345	135	54	7	4	0.00	15.23	0
11490021	11490020	13.48	15 1-	2 ACSR 6/1	0	0	343	135	49	7	4	0.01	15.24	0
11490022	11490021	13.59	14 1-	2 ACSR 6/1	0	0	340	134	46	6	4	0.02	15.26	0
11490023	11490022	13.65	11 1-	2 ACSR 6/1	0	0	338	134	36	5	3	0.01	15.26	0
11490024	11490023	13.72	9 1-	2 ACSR 6/1	0	0	336	133	34	4	3	0.01	15.27	0
11490025	11490024	13.79	8 1-	2 ACSR 6/1	0	0	334	133	31	4	3	0.01	15.28	0
11490029	11490025	13.85	7 1-	2 ACSR 6/1	0	0	332	133	25	3	2	0.01	15.29	0
11490027	11490029	13.89	6 1-	2 ACSR 6/1	0	0	331	133	24	3	2	0.00	15.29	0
11490028	11490027	13.93	4 1-	2 ACSR 6/1	0	0	330	132	19	2	1	0.00	15.29	0
11490031	11490028	13.98	2 1-	2 ACSR 6/1	0	0	328	132	12	1	1	0.00	15.29	0
11490030	11490028	14.06	1 1-	2 ACSR 6/1	0	0	326	132	1	0	0	0.00	15.29	0
11490015	11490012	13.34	10 1-	2 ACSR 6/1	0	0	348	135	22	3	2	0.01	15.19	0
11490016	11490015	13.38	5 1-	2 ACSR 6/1	0	0	347	135	15	2	1	0.00	15.19	0
11490014	11490016	13.43	3 1-	2 ACSR 6/1	0	0	345	135	4	0	0	0.00	15.19	0
11490013	11490014	13.63	1 1-	2 ACSR 6/1	0	0	339	134	1	0	0	0.00	15.19	0
11480031	11480028	12.48	382 3-	1/0 ACSR 6/1	523	457	379	140	1566	72	31	0.21	12.08	214
11480046	11480031	12.53	1 1-	2 ACSR 6/1	0	0	377	139	6	0	0	0.00	12.32	0
11480032	11480031	12.54	381 3-	1/0 ACSR 6/1	520	455	377	139	1558	72	31	0.09	12.14	94
11480047	11480032	12.60	3 1-	2 ACSR 6/1	0	0	375	139	21	2	2	0.00	9.28	0
11480049	11480047	12.64	2 1-	2 ACSR 6/1	0	0	373	139	11	1	1	0.00	9.28	0
11480050	11480049	12.78	1 1-	2 ACSR 6/1	0	0	368	138	3	0	0	0.00	9.28	0
11480035	11480032	12.63	378 3-	1/0 ACSR 6/1	516	452	374	139	1537	71	31	0.15	12.23	150
11580030	11480035	12.72	377 3-	1/0 ACSR 6/1	513	449	372	139	1532	71	31	0.13	12.31	126
11580033	11580030	12.87	374 3-	1/0 ACSR 6/1	507	443	367	138	1524	70	31	0.25	12.46	243
D11-58-P006	11580033	12.87	5 1-	FUS	0	0	367	138	15	2	47	0.00	9.49	0
11580034	D11-58-P006	12.96	5 1-	2 ACSR 6/1	0	0	364	138	15	2	1	0.00	9.49	0
11580035	11580034	13.16	4 1-	2 ACSR 6/1	0	0	357	137	10	1	1	0.01	9.50	0
11580031	11580035	13.36	2 1-	2 ACSR 6/1	0	0	350	136	5	0	0	0.00	9.50	0
11570007	11580031	13.43	0 1-	2 ACSR 6/1	0	0	348	135	0	0	0	0.00	9.50	0
11570006	11580031	13.49	1 1-	2 ACSR 6/1	0	0	346	135	3	0	0	0.00	9.50	0
11580032	11580033	12.99	368 3-	1/0 ACSR 6/1	502	439	364	138	1502	69	30	0.18	12.57	171
11580036	11580032	13.07	367 3-	1/0 ACSR 6/1	499	436	361	138	1489	69	30	0.12	12.65	118
11580037	11580036	13.15	366 3-	1/0 ACSR 6/1	496	434	359	137	1481	68	30	0.12	12.72	116
11580049	11580037	13.21	366 3-	1/0 ACSR 6/1	494	432	358	137	1480	68	30	0.10	12.78	92
11580050	11580049	13.28	0 1-	2 ACSR 6/1	0	0	355	137	0	0	0	0.00	13.46	0
11580038	11580049	13.46	362 3-	1/0 ACSR 6/1	484	423	351	136	1462	68	30	0.39	13.00	362
11580039	11580038	13.53	360 3-	1/0 ACSR 6/1	482	421	349	136	1451	67	29	0.11	13.07	98
11580043	11580039	13.61	249 3-	1/0 ACSR 6/1	479	418	347	136	995	47	20	0.09	13.12	61

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11580042	11580043	13.62	248 3-											
11-58-P024-B	11580042	13.62	248 3-	1/0 ACSR 6/1	479	418	347	136	989	46	20	0.01	13.12	7
11-58-P024-A	11-58-P024-B	13.62	248 3-	Closed	479	418	347	136	989	46	0	0.00	13.12	0
11580044	11-58-P024-A	13.67	248 3-	Closed	479	418	347	136	989	46	0	0.00	13.12	0
11580045	11580044	13.72	247 3-	1/0 ACSR 6/1	475	415	344	135	988	46	20	0.06	13.18	38
11580046	11580045	13.77	236 3-	1/0 ACSR 6/1	473	413	343	135	951	45	20	0.06	13.21	36
11580047	11580046	14.36	235 3-	1/0 ACSR 6/1	454	396	328	133	948	44	20	0.58	13.52	376
11690026	11580047	14.67	232 3-	1/0 ACSR 6/1	444	387	321	132	929	44	19	0.30	13.69	193
11690027	11690026	14.73	228 3-	1/0 ACSR 6/1	442	386	320	132	920	43	19	0.05	13.72	35
11690028	11690027	14.78	228 3-	1/0 ACSR 6/1	440	384	319	132	920	43	19	0.05	13.74	32
11690029	11690028	14.98	226 3-	1/0 ACSR 6/1	435	379	315	131	919	43	19	0.19	13.85	120
11690030	11690029	15.04	225 3-	1/0 ACSR 6/1	433	378	313	131	914	43	19	0.05	13.88	34
11690031	11690030	15.13	224 3-	1/0 ACSR 6/1	430	375	311	130	912	43	19	0.09	13.92	57
D11-69-P044	11690031	15.13	224 3-	REC-50-4H	430	375	311	130	911	43	87	0.00	13.92	0
11690035	D11-69-P044	15.17	224 3-	1/0 ACSR 6/1	429	374	311	130	911	43	19	0.03	13.94	20
11690043	11690035	15.23	204 3-	1/0 ACSR 6/1	427	373	309	130	841	40	18	0.05	13.97	31
11690044	11690043	15.58	203 3-	1/0 ACSR 6/1	418	364	302	129	839	40	18	0.26	14.13	173
11690034	11690044	15.61	202 3-	1/0 ACSR 6/1	417	363	302	129	832	40	17	0.02	14.15	15
11690033	11690034	15.76	200 3-	1/0 ACSR 6/1	413	360	299	128	821	39	17	0.11	14.21	72
12620039	11690033	15.81	195 3-	1/0 ACSR 6/1	411	359	298	128	805	38	17	0.03	14.24	22
C12-62-P52	12620039	15.81	0 3-	Capacitor	411	359	298	128	0	-12	0	0.00	14.24	0
12620021	12620039	15.86	195 3-	1/0 ACSR 6/1	410	357	297	128	805	38	17	0.04	14.26	22
12620053	12620021	15.92	1 1-	2 ACSR 6/1	0	0	296	128	2	0	0	0.00	10.38	0
12620022	12620021	15.91	194 3-	1/0 ACSR 6/1	409	356	296	128	803	38	17	0.04	14.29	21
12620020	12620022	15.97	194 3-	1/0 ACSR 6/1	407	355	295	128	803	38	17	0.05	14.33	25
R12-62-P51	12620020	15.97	194 3-	72	407	355	295	128	802	38	38	-10.98	4.34	0
12620023	R12-62-P51	16.00	194 3-	1/0 ACSR 6/1	406	354	294	128	802	35	15	0.03	4.36	14
12620025	12620023	16.14	194 3-	1/0 ACSR 6/1	403	351	292	127	802	35	15	0.10	4.43	48
12620027	12620025	16.21	189 3-	1/0 ACSR 6/1	401	350	290	127	783	34	15	0.06	4.47	25
12620028	12620027	16.40	185 3-	1/0 ACSR 6/1	396	345	287	126	765	33	15	0.15	4.57	66
12620030	12620028	16.61	182 3-	1/0 ACSR 6/1	391	341	283	126	762	33	14	0.16	4.68	70
12620032	12620030	16.68	180 3-	1/0 ACSR 6/1	390	339	282	125	748	32	14	0.06	4.72	24
12620033	12620032	16.74	178 3-	1/0 ACSR 6/1	388	338	281	125	740	32	14	0.04	4.74	17
12620036	12620033	16.77	137 3-	1/0 ACSR 6/1	387	338	281	125	571	24	11	0.01	4.76	6
12620037	12620036	16.81	136 3-	1/0 ACSR 6/1	387	337	280	125	560	24	11	0.01	4.77	7
12620040	12620037	16.85	133 3-	1/0 ACSR 6/1	386	336	279	125	544	23	10	0.01	4.79	6
12620041	12620040	16.90	2 1-	2 ACSR 6/1	0	0	278	125	10	1	1	0.00	2.74	0
12620042	12620040	16.92	131 3-	1/0 ACSR 6/1	384	335	278	125	533	23	10	0.02	4.81	11
12620043	12620042	16.97	127 3-	1/0 ACSR 6/1	383	334	277	125	523	22	10	0.02	4.83	7
12620044	12620043	17.03	124 3-	1/0 ACSR 6/1	381	332	276	124	505	22	10	0.02	4.85	8
12620046	12620044	17.09	120 3-	1/0 ACSR 6/1	380	331	275	124	487	21	9	0.02	4.87	7
12620051	12620046	17.16	106 3-	1/0 ACSR 6/1	379	330	274	124	410	17	8	0.03	4.89	6
12620052	12620051	17.43	105 3-	1/0 ACSR 6/1	373	325	270	123	401	17	8	0.11	4.96	26
12630029	12620052	17.73	78 3-	1/0 ACSR 6/1	366	319	265	122	278	12	5	0.10	5.02	19
12630028	12630029	17.88	78 3-	1/0 ACSR 6/1	363	316	263	122	278	12	5	0.05	5.05	10
12630021	12630028	18.00	76 3-	1/0 ACSR 6/1	361	314	261	122	261	11	5	0.04	5.07	8
12630013	12630021	18.08	0 1-	2 ACSR 6/1	0	0	260	121	0	0	0	0.00	6.23	0
12630012	12630021	18.10	76 3-	1/0 ACSR 6/1	359	312	260	121	261	11	5	0.03	5.09	7
12630014	12630012	18.19	1 1-	2 ACSR 6/1	0	0	258	121	3	0	0	0.00	6.27	0
12530006	12630014	18.22	0 1-	2 ACSR 6/1	0	0	258	121	0	0	0	0.00	6.27	0
12630015	12630012	18.27	75 3-	1/0 ACSR 6/1	355	309	257	121	258	11	5	0.05	5.12	11
12630016	12630015	18.32	74 3-	1/0 ACSR 6/1	354	308	257	121	253	11	5	0.01	5.12	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
12630017	12630016	18.38	74 3-	1/0 ACSR 6/1	353	307	256	120	253	11	5	0.02	5.13	4
12630018	12630017	18.60	74 3-	1/0 ACSR 6/1	349	304	253	120	252	11	5	0.07	5.17	14
12540025	12630018	18.69	23 3-	336 ACSR 18/1	0	0	251	119	93	3	1	-0.01	5.17	0
12640010	12540025	18.78	23 3-	336 ACSR 18/1	0	0	250	119	93	3	1	-0.01	5.18	0
12640008	12640010	19.43	23 3-	336 ACSR 18/1	0	0	239	117	93	3	1	-0.05	5.19	4
12640015	12640008	19.50	22 1-	2 ACSR 6/1	0	0	238	116	89	11	6	0.02	3.33	2
12640016	12640015	19.69	22 1-	2 ACSR 6/1	0	0	235	116	89	11	6	0.06	3.39	4
12640017	12640016	19.76	21 1-	2 ACSR 6/1	0	0	234	116	86	11	6	0.02	3.41	1
12640022	12640017	19.85	19 1-	2 ACSR 6/1	0	0	233	115	80	10	6	0.03	3.44	2
12640023	12640022	20.04	19 1-	2 ACSR 6/1	0	0	230	114	80	10	6	0.05	3.50	4
12640018	12640023	20.16	2 1-	2 ACSR 6/1	0	0	229	114	9	1	0	0.00	3.50	0
12640012	12640023	20.09	17 1-	2 ACSR 6/1	0	0	230	114	71	9	5	0.01	3.51	0
12640013	12640012	20.11	16 1-	2 ACSR 6/1	0	0	229	114	66	8	5	0.01	3.52	0
12640024	12640013	20.32	15 1-	2 ACSR 6/1	0	0	226	114	58	7	4	0.04	3.56	2
12650002	12640024	20.40	15 1-	2 ACSR 6/1	0	0	225	113	58	7	4	0.01	3.57	0
12750005	12650002	20.45	11 1-	2 ACSR 6/1	0	0	225	113	36	4	3	0.01	3.58	0
12750002	12750005	20.49	6 1-	2 ACSR 6/1	0	0	224	113	18	2	1	0.00	3.58	0
12750003	12750002	20.52	5 1-	2 ACSR 6/1	0	0	224	113	13	1	1	0.00	3.58	0
12750008	12750003	20.64	2 1-	2 ACSR 6/1	0	0	222	112	4	0	0	0.00	3.58	0
12750009	12750008	20.76	2 1-	2 ACSR 6/1	0	0	221	112	4	0	0	0.00	3.59	0
12750004	12750009	20.82	1 1-	2 ACSR 6/1	0	0	220	112	3	0	0	0.00	3.59	0
12640014	12640008	19.50	1 1-	2 ACSR 6/1	0	0	238	116	3	0	0	0.00	3.31	0
12640011	12630018	18.64	51 1-	2 ACSR 6/1	0	0	252	120	160	21	12	0.03	6.45	3
D12-54-P045	12640011	18.64	51 1-	REC-25-L	0	0	252	120	160	21	85	0.00	6.45	0
12540024	D12-54-P045	18.85	51 1-	2 ACSR 6/1	0	0	248	119	160	21	12	0.13	6.58	17
12540023	12540024	18.90	3 1-	2 ACSR 6/1	0	0	248	119	14	1	1	0.00	6.58	0
12540009	12540024	18.96	48 1-	2 ACSR 6/1	0	0	247	118	145	19	11	0.06	6.64	7
12540010	12540009	19.06	46 1-	2 ACSR 6/1	0	0	245	118	142	18	10	0.05	6.69	6
12540012	12540010	19.16	45 1-	2 ACSR 6/1	0	0	243	118	135	17	10	0.05	6.74	6
12540013	12540012	19.26	45 1-	2 ACSR 6/1	0	0	242	117	135	17	10	0.05	6.79	5
12540014	12540013	19.49	45 1-	2 ACSR 6/1	0	0	238	116	135	17	10	0.12	6.91	13
12540015	12540014	19.54	44 1-	2 ACSR 6/1	0	0	238	116	126	16	9	0.02	6.93	2
12540017	12540015	19.60	42 1-	2 ACSR 6/1	0	0	237	116	126	16	9	0.03	6.96	3
12540018	12540017	19.65	3 1-	2 ACSR 6/1	0	0	236	116	13	1	1	0.00	6.96	0
12540019	12540018	19.68	1 1-	2 ACSR 6/1	0	0	236	116	6	0	0	0.00	6.96	0
12540020	12540017	19.64	38 1-	2 ACSR 6/1	0	0	236	116	104	13	8	0.02	6.98	1
12540021	12540020	20.06	37 1-	2 ACSR 6/1	0	0	230	114	102	13	8	0.16	7.14	14
12550026	12540021	20.17	37 1-	2 ACSR 6/1	0	0	228	114	102	13	8	0.04	7.18	4
12550016	12550026	20.35	33 1-	2 ACSR 6/1	0	0	226	113	91	12	7	0.06	7.24	4
12550017	12550016	20.41	30 1-	2 ACSR 6/1	0	0	225	113	83	11	6	0.02	7.26	1
12550018	12550017	20.45	29 1-	2 ACSR 6/1	0	0	225	113	78	10	6	0.01	7.27	0
12550019	12550018	20.54	24 1-	2 ACSR 6/1	0	0	223	113	72	9	5	0.02	7.29	1
12550020	12550019	20.59	23 1-	2 ACSR 6/1	0	0	223	113	70	9	5	0.01	7.31	0
12550021	12550020	20.66	22 1-	2 ACSR 6/1	0	0	222	112	64	8	5	0.02	7.32	0
12550024	12550021	20.75	21 1-	2 ACSR 6/1	0	0	221	112	60	7	4	0.02	7.34	0
12550025	12550024	20.87	21 1-	2 ACSR 6/1	0	0	219	112	60	7	4	0.03	7.37	1
12550012	12550025	20.93	20 1-	2 ACSR 6/1	0	0	218	111	59	7	4	0.01	7.38	0
12550023	12550012	21.13	3 1-	2 ACSR 6/1	0	0	216	111	4	0	0	0.00	7.39	0
12450005	12550023	21.27	2 1-	2 ACSR 6/1	0	0	214	110	4	0	0	0.00	7.39	0
12450006	12450005	21.31	1 1-	2 ACSR 6/1	0	0	214	110	2	0	0	0.00	7.39	0
12550022	12550012	21.33	15 1-	2 ACSR 6/1	0	0	213	110	51	6	4	0.08	7.46	3
12560012	12550022	21.46	15 1-	2 ACSR 6/1	0	0	212	110	51	6	4	0.02	7.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
12560013	12560012	21.54	13 1-	2 ACSR 6/1	0	0	211	109	45	5	3	0.01	7.50	0
12560014	12560013	21.59	10 1-	2 ACSR 6/1	0	0	210	109	31	4	2	0.01	7.50	0
12560015	12560014	21.66	9 1-	2 ACSR 6/1	0	0	209	109	24	3	2	0.01	7.51	0
12560017	12560015	21.79	7 1-	2 ACSR 6/1	0	0	208	109	18	2	1	0.01	7.52	0
12560009	12560017	21.84	7 1-	2 ACSR 6/1	0	0	207	108	18	2	1	0.00	7.52	0
12560010	12560009	21.96	6 1-	2 ACSR 6/1	0	0	206	108	16	2	1	0.01	7.53	0
12560011	12560010	22.08	5 1-	2 ACSR 6/1	0	0	205	108	13	1	1	0.00	7.53	0
12560016	12560015	21.71	1 1-	2 ACSR 6/1	0	0	209	109	0	0	0	0.00	7.51	0
12550013	12550026	20.22	4 1-	2 ACSR 6/1	0	0	228	114	11	1	1	0.00	7.18	0
12550014	12550013	20.32	2 1-	2 ACSR 6/1	0	0	226	114	8	1	1	0.00	7.19	0
12550015	12550014	20.70	1 1-	2 ACSR 6/1	0	0	221	112	6	0	0	0.00	7.19	0
12450002	12550015	20.95	0 1-	2 ACSR 6/1	0	0	218	111	0	0	0	0.00	7.19	0
12540016	12540015	19.58	1 1-	2 ACSR 6/1	0	0	237	116	1	0	0	0.00	6.93	0
12540011	12540010	19.13	1 1-	2 ACSR 6/1	0	0	244	118	7	0	0	0.00	6.69	0
12630011	12620052	17.51	27 1-	2 ACSR 6/1	0	0	268	123	122	16	9	0.04	6.01	4
12630023	12630011	17.53	26 1-	2 ACSR 6/1	0	0	268	123	112	14	8	0.01	6.02	0
D12-63-P004A	12630023	17.53	20 1-	REC-35-H	0	0	268	123	101	13	38	0.00	6.02	0
12630030	D12-63-P004A	17.58	20 1-	2 ACSR 6/1	0	0	267	123	101	13	7	0.02	6.04	2
12530012	12630030	17.62	1 1-	2 ACSR 6/1	0	0	266	122	7	0	0	0.00	6.04	0
12530011	12630030	18.17	19 1-	2 ACSR 6/1	0	0	256	120	95	12	7	0.21	6.24	16
12530005	12530011	18.23	16 1-	2 ACSR 6/1	0	0	255	120	78	10	6	0.02	6.26	1
12530013	12530005	18.38	15 1-	2 ACSR 6/1	0	0	253	119	70	9	5	0.04	6.30	2
12530014	12530013	18.99	13 1-	2 ACSR 6/1	0	0	243	117	65	8	5	0.15	6.45	8
12430025	12530014	19.04	0 1-	2 ACSR 6/1	0	0	242	117	0	0	0	0.00	6.45	0
12430026	12430025	19.10	0 1-	2 ACSR 6/1	0	0	241	117	0	0	0	0.00	6.45	0
12430013	12530014	19.07	13 1-	2 ACSR 6/1	0	0	241	117	65	8	5	0.02	6.47	0
12430014	12430013	19.36	13 1-	2 ACSR 6/1	0	0	237	116	65	8	5	0.07	6.54	4
12430012	12430014	19.41	12 1-	2 ACSR 6/1	0	0	236	116	60	7	4	0.01	6.55	0
12430023	12430012	19.49	11 1-	2 ACSR 6/1	0	0	235	115	59	7	4	0.02	6.57	0
12430024	12430023	19.60	11 1-	2 ACSR 6/1	0	0	233	115	59	7	4	0.02	6.59	0
12430010	12430024	19.65	9 1-	2 ACSR 6/1	0	0	233	115	48	6	4	0.01	6.60	0
12430011	12430010	19.74	7 1-	2 ACSR 6/1	0	0	231	114	38	5	3	0.01	6.61	0
12430015	12430011	19.83	7 1-	2 ACSR 6/1	0	0	230	114	38	5	3	0.01	6.62	0
12430016	12430015	19.89	5 1-	2 ACSR 6/1	0	0	229	114	33	4	2	0.01	6.63	0
12430017	12430016	19.93	3 1-	2 ACSR 6/1	0	0	229	114	18	2	1	0.00	6.63	0
12430018	12430017	20.07	2 1-	2 ACSR 6/1	0	0	227	113	14	1	1	0.01	6.64	0
12340004	12430018	20.24	1 1-	2 ACSR 6/1	0	0	224	113	5	0	0	0.00	6.64	0
12340003	12430018	20.11	1 1-	2 ACSR 6/1	0	0	226	113	10	1	1	0.00	6.64	0
12530004	12530011	18.22	2 1-	2 ACSR 6/1	0	0	255	120	14	1	1	0.00	6.25	0
D12-63-P004	12630023	17.53	3 1-	REC-35-H	0	0	268	123	8	1	3	0.00	6.02	0
12630020	D12-63-P004	17.55	3 1-	2 ACSR 6/1	0	0	267	123	8	1	1	0.00	6.02	0
12630022	12630011	17.56	1 1-	2 ACSR 6/1	0	0	267	123	11	1	1	0.00	6.01	0
12620047	12620046	17.15	13 1-	2 ACSR 6/1	0	0	274	124	70	8	5	0.01	2.83	0
D12-62-P032	12620047	17.15	13 1-	REC-35-H	0	0	274	124	70	8	26	0.00	2.83	0
12620048	D12-62-P032	17.22	13 1-	2 ACSR 6/1	0	0	273	124	70	8	5	0.02	2.84	0
12620050	12620048	17.28	8 1-	2 ACSR 6/1	0	0	271	123	36	4	3	0.01	2.85	0
12620054	12620050	17.71	7 1-	2 ACSR 6/1	0	0	263	122	31	3	2	0.04	2.90	0
12630024	12620054	17.78	6 1-	2 ACSR 6/1	0	0	262	121	25	3	2	0.01	2.90	0
12630019	12630024	17.95	5 1-	2 ACSR 6/1	0	0	259	121	23	3	2	0.01	2.92	0
12730005	12630019	17.98	3 1-	2 ACSR 6/1	0	0	258	121	21	2	2	0.00	2.92	0
12730008	12730005	18.10	0 1-	2 ACSR 6/1	0	0	256	120	0	0	0	0.00	2.92	0
12730007	12730005	18.02	3 1-	2 ACSR 6/1	0	0	258	121	21	2	2	0.00	2.92	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
12730002	12730007	18.15	2 1-	2 ACSR 6/1	0	0	255	120	14	1	1	0.00	2.92	0
12730003	12730002	18.45	1 1-	2 ACSR 6/1	0	0	250	119	4	0	0	0.00	2.93	0
12730004	12730003	18.67	0 1-	2 ACSR 6/1	0	0	247	118	0	0	0	0.00	2.93	0
12620049	12620048	17.26	3 1-	2 ACSR 6/1	0	0	272	124	16	2	1	0.00	2.84	0
OH29	12620046	17.14	0 3-	336 ACSR 18/1	0	0	0	0	0	0	0	0.00	4.87	0
12620045	12620044	17.06	2 1-	2 ACSR 6/1	0	0	276	124	11	1	1	0.00	2.80	0
12620034	12620033	16.78	39 1-	2 ACSR 6/1	0	0	280	125	159	21	12	0.03	5.81	3
12620035	12620034	16.82	38 1-	2 ACSR 6/1	0	0	279	125	151	19	11	0.02	5.83	2
12520011	12620035	16.90	38 1-	2 ACSR 6/1	0	0	278	125	151	19	11	0.05	5.88	6
12520012	12520011	17.04	37 1-	2 ACSR 6/1	0	0	275	124	147	19	11	0.07	5.95	8
12520013	12520012	17.06	34 1-	2 ACSR 6/1	0	0	274	124	139	18	10	0.01	5.97	2
12520014	12520013	17.11	33 1-	2 ACSR 6/1	0	0	274	124	133	17	10	0.02	5.99	2
12520015	12520014	17.18	30 1-	2 ACSR 6/1	0	0	272	124	118	15	9	0.03	6.02	3
D12-52-P011	12520015	17.18	1 1-	RFC-25-H	0	0	272	124	9	1	5	0.00	6.02	0
12520016	D12-52-P011	17.21	1 1-	2 ACSR 6/1	0	0	271	123	9	1	1	0.00	6.02	0
12520018	12520015	17.55	29 1-	2 ACSR 6/1	0	0	265	122	109	14	8	0.15	6.17	14
12520017	12520018	17.94	27 1-	2 ACSR 6/1	0	0	258	120	98	12	7	0.14	6.31	11
12420020	12520017	18.06	25 1-	2 ACSR 6/1	0	0	256	120	90	11	7	0.04	6.35	3
12420021	12420020	18.12	23 1-	2 ACSR 6/1	0	0	255	120	87	11	6	0.02	6.37	1
12420022	12420021	18.17	22 1-	2 ACSR 6/1	0	0	254	120	85	11	6	0.02	6.38	1
12420023	12420022	18.21	21 1-	2 ACSR 6/1	0	0	253	119	80	10	6	0.01	6.40	0
12420024	12420023	18.28	19 1-	2 ACSR 6/1	0	0	252	119	78	10	6	0.02	6.42	1
12420025	12420024	18.34	18 1-	2 ACSR 6/1	0	0	251	119	71	9	5	0.01	6.43	0
12420027	12420025	18.41	15 1-	2 ACSR 6/1	0	0	250	119	60	7	4	0.02	6.44	0
12420028	12420027	18.50	13 1-	2 ACSR 6/1	0	0	248	118	58	7	4	0.02	6.47	0
12420030	12420028	18.63	13 1-	2 ACSR 6/1	0	0	246	118	58	7	4	0.03	6.49	1
12420031	12420030	18.76	11 1-	2 ACSR 6/1	0	0	244	117	50	6	4	0.02	6.51	0
12420032	12420031	18.85	9 1-	2 ACSR 6/1	0	0	243	117	33	4	2	0.01	6.52	0
12420033	12420032	18.92	2 1-	2 ACSR 6/1	0	0	242	117	3	0	0	0.00	6.52	0
12420034	12420033	18.99	2 1-	2 ACSR 6/1	0	0	241	117	3	0	0	0.00	6.52	0
12420026	12420034	19.03	0 1-	2 ACSR 6/1	0	0	240	116	0	0	0	0.00	6.52	0
12420019	12420034	19.13	2 1-	2 ACSR 6/1	0	0	238	116	3	0	0	0.00	6.53	0
12420035	12420032	18.91	5 1-	2 ACSR 6/1	0	0	242	117	25	3	2	0.00	6.53	0
12420036	12420035	19.53	3 1-	2 ACSR 6/1	0	0	233	115	5	0	0	0.01	6.53	0
12320005	12420036	19.59	2 1-	2 ACSR 6/1	0	0	232	114	0	0	0	0.00	6.53	0
12320006	12320005	19.64	2 1-	2 ACSR 6/1	0	0	231	114	0	0	0	0.00	6.53	0
12320008	12320006	19.74	1 1-	2 ACSR 6/1	0	0	229	114	0	0	0	0.00	6.53	0
12320007	12320006	19.71	1 1-	2 ACSR 6/1	0	0	230	114	0	0	0	0.00	6.53	0
12420029	12420028	18.68	0 1-	2 ACSR 6/1	0	0	246	118	0	0	0	0.00	6.47	0
12520019	12520018	17.77	2 1-	2 ACSR 6/1	0	0	261	121	10	1	1	0.01	6.18	0
12520020	12520019	17.80	2 1-	2 ACSR 6/1	0	0	260	121	10	1	1	0.00	6.18	0
12620031	12620030	16.66	1 1-	2 ACSR 6/1	0	0	282	126	9	1	1	0.00	2.65	0
12620029	12620028	16.53	0 1-	2 ACSR 6/1	0	0	284	126	0	0	0	0.00	5.53	0
12620026	12620025	16.22	2 1-	2 ACSR 6/1	0	0	290	127	7	0	0	0.00	5.33	0
12620038	11690033	15.99	4 1-	2 ACSR 6/1	0	0	294	127	13	1	1	0.01	16.29	0
12720003	12620038	16.18	4 1-	2 ACSR 6/1	0	0	289	127	13	1	1	0.01	16.30	0
12720005	12720003	16.23	3 1-	2 ACSR 6/1	0	0	288	126	9	1	1	0.00	16.30	0
12720004	12720005	16.47	1 1-	2 ACSR 6/1	0	0	283	125	5	0	0	0.00	16.31	0
12720002	12720004	16.67	0 1-	2 ACSR 6/1	0	0	279	125	0	0	0	0.00	16.31	0
11690032	11690034	15.67	1 1-	2 ACSR 6/1	0	0	300	129	3	0	0	0.00	15.90	0
11690036	11690035	15.22	20 1-	2 ACSR 6/1	0	0	309	130	70	10	6	0.01	15.58	0
11690045	11690036	15.23	16 1-	2 ACSR 6/1	0	0	309	130	60	8	5	0.00	15.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D11-69-P036	11690045	15.23	16 1-	REC-35-H	0	0	309	130	60	8	25	0.00	15.59	0
11690037	D11-69-P036	15.32	16 1-	2 ACSR 6/1	0	0	307	130	60	8	5	0.02	15.61	0
11690038	11690037	15.44	15 1-	2 ACSR 6/1	0	0	304	129	53	7	4	0.03	15.63	1
11690039	11690038	15.55	1 1-	2 ACSR 6/1	0	0	301	129	6	0	0	0.00	15.63	0
11690018	11690038	15.53	14 1-	2 ACSR 6/1	0	0	302	129	47	6	4	0.02	15.65	0
11790013	11690018	15.72	14 1-	2 ACSR 6/1	0	0	297	128	47	6	4	0.03	15.68	1
11790014	11790013	15.80	11 1-	2 ACSR 6/1	0	0	295	128	34	4	3	0.01	15.69	0
11790015	11790014	15.89	10 1-	2 ACSR 6/1	0	0	293	127	33	4	3	0.01	15.70	0
11790016	11790015	16.09	8 1-	2 ACSR 6/1	0	0	289	126	32	4	3	0.02	15.73	0
11790018	11790016	16.19	6 1-	2 ACSR 6/1	0	0	287	126	27	3	2	0.01	15.74	0
11790019	11790018	16.31	5 1-	2 ACSR 6/1	0	0	284	125	25	3	2	0.01	15.75	0
D11-79-P011	11790019	16.31	5 1-	FUS-15	0	0	284	125	25	3	27	0.00	15.75	0
11790024	D11-79-P011	16.46	5 1-	2 ACSR 6/1	0	0	281	125	25	3	2	0.02	15.77	0
11790025	11790024	16.64	5 1-	2 ACSR 6/1	0	0	277	124	25	3	2	0.02	15.78	0
11790023	11790025	16.85	5 1-	2 ACSR 6/1	0	0	273	123	25	3	2	0.02	15.80	0
11890006	11790023	16.89	4 1-	2 ACSR 6/1	0	0	272	123	23	3	2	0.00	15.81	0
11890007	11890006	16.93	2 1-	2 ACSR 6/1	0	0	271	123	6	0	1	0.00	15.81	0
11890003	11890007	17.12	1 1-	2 ACSR 6/1	0	0	268	122	6	0	1	0.00	15.81	0
11790017	11790016	16.15	1 1-	2 ACSR 6/1	0	0	287	126	2	0	0	0.00	15.73	0
11790012	11690018	15.57	0 1-	2 ACSR 6/1	0	0	301	129	0	0	0	0.00	15.65	0
11690019	11690045	15.28	0 1-	2 ACSR 6/1	0	0	308	130	0	0	0	0.00	15.59	0
11690017	11580047	14.60	3 1-	2 ACSR 6/1	0	0	322	132	16	2	1	0.02	14.82	0
D11-59-P007	11690017	14.60	3 1-	FUS	0	0	322	132	16	2	51	0.00	14.82	0
11590018	D11-59-P007	15.19	3 1-	2 ACSR 6/1	0	0	306	129	16	2	1	0.04	14.86	0
D11-59-P017	11590018	15.19	3 1-	FUS	0	0	306	129	16	2	51	0.00	14.86	0
11590019	D11-59-P017	15.34	3 1-	2 ACSR 6/1	0	0	303	129	16	2	1	0.01	14.87	0
11590020	11590019	15.57	3 1-	2 ACSR 6/1	0	0	297	128	16	2	1	0.01	14.88	0
11590009	11590020	15.67	2 1-	2 ACSR 6/1	0	0	295	127	9	1	1	0.00	14.88	0
11490026	11590009	15.73	2 1-	2 ACSR 6/1	0	0	293	127	9	1	1	0.00	14.88	0
11490010	11590009	15.84	0 1-	2 ACSR 6/1	0	0	291	126	0	0	0	0.00	14.88	0
11580022	11580045	13.83	11 1-	2 ACSR 6/1	0	0	341	135	37	5	3	0.02	14.18	0
D11-58-P027	11580022	13.83	11 1-	SEC-50-GH	0	0	341	135	37	5	0	0.00	14.18	0
11580048	D11-58-P027	14.10	11 1-	2 ACSR 6/1	0	0	333	133	37	5	3	0.04	14.22	1
11590015	11580048	14.16	9 1-	2 ACSR 6/1	0	0	331	133	32	4	3	0.04	14.22	0
11590010	11590015	14.21	7 1-	2 ACSR 6/1	0	0	329	133	22	3	2	0.00	14.23	0
11590013	11590010	14.23	5 1-	2 ACSR 6/1	0	0	329	133	17	2	1	0.00	14.23	0
11590014	11590013	14.32	3 1-	2 ACSR 6/1	0	0	326	132	9	1	1	0.00	14.23	0
11590011	11590010	14.24	2 1-	2 ACSR 6/1	0	0	329	133	5	0	0	0.00	14.23	0
11590012	11590011	14.28	2 1-	2 ACSR 6/1	0	0	327	133	5	0	0	0.00	14.23	0
11580040	11580039	13.58	111 3-	1/0 ACSR 6/1	480	419	348	136	456	21	9	0.02	13.08	7
11580041	11580040	13.69	110 3-	1/0 ACSR 6/1	476	416	345	135	447	20	9	0.05	13.12	15
D11-58-P054	11580041	13.69	110 3-	REC-35-H	476	416	345	135	447	20	60	0.00	13.12	0
11580023	D11-58-P054	13.77	110 3-	1/0 ACSR 6/1	473	414	343	135	447	20	9	0.03	13.14	10
11680028	11580023	13.83	107 3-	1/0 ACSR 6/1	471	411	341	135	427	20	9	0.03	13.17	9
11680029	11680028	13.87	105 3-	1/0 ACSR 6/1	470	410	340	135	422	19	9	0.02	13.18	5
11680031	11680029	14.10	103 3-	1/0 ACSR 6/1	462	403	335	134	410	19	8	0.10	13.25	27
11680032	11680031	14.15	99 3-	1/0 ACSR 6/1	460	402	333	134	393	18	8	0.02	13.26	5
11680034	11680032	14.22	1 1-	2 ACSR 6/1	0	0	331	133	8	1	1	0.00	14.22	0
11680018	11680032	14.18	98 3-	1/0 ACSR 6/1	459	401	333	134	386	18	8	0.01	13.27	3
11680020	11680018	14.29	93 3-	1/0 ACSR 6/1	456	398	330	133	369	17	8	0.04	13.30	11
11680021	11680020	14.40	92 3-	1/0 ACSR 6/1	452	395	328	133	362	16	7	0.04	13.33	11
11680024	11680021	14.50	91 3-	1/0 ACSR 6/1	449	392	325	133	356	16	7	0.03	13.35	9

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11680025	11680024	14.54	2 1-	2 ACSR 6/1	0	0	324	132	7	1	1	0.00	15.45	0
11680022	11680025	14.60	1 1-	2 ACSR 6/1	0	0	322	132	7	1	1	0.00	15.45	0
11680026	11680024	14.55	88 3-	1/0 ACSR 6/1	448	391	324	132	338	15	7	0.02	13.36	5
11680038	11680026	14.62	86 3-	1/0 ACSR 6/1	445	389	322	132	336	15	7	0.03	13.38	7
11680023	11680038	14.80	86 3-	1/0 ACSR 6/1	440	384	319	132	336	15	7	0.06	13.43	17
11780055	11680023	14.87	84 3-	1/0 ACSR 6/1	438	382	317	131	326	15	7	0.02	13.44	6
11780056	11780055	14.95	82 3-	1/0 ACSR 6/1	435	380	315	131	321	15	7	0.03	13.46	8
D11-78-P005	11780056	14.95	31 1-	SEC-35-GH	0	0	315	131	103	14	0	0.00	14.50	0
11780077	D11-78-P005	15.02	31 1-	2 ACSR 6/1	0	0	313	131	103	14	8	0.03	14.53	2
11780078	11780077	15.08	29 1-	2 ACSR 6/1	0	0	312	130	90	12	7	0.02	14.55	1
11780079	11780078	15.13	26 1-	2 ACSR 6/1	0	0	311	130	80	11	6	0.02	14.56	1
11780086	11780079	15.17	24 1-	2 ACSR 6/1	0	0	310	130	68	9	5	0.01	14.57	0
11780087	11780086	15.26	20 1-	2 ACSR 6/1	0	0	307	130	51	7	4	0.02	14.59	0
11780063	11780087	15.35	17 1-	2 ACSR 6/1	0	0	305	129	39	5	3	0.01	14.60	0
11780064	11780063	15.49	13 1-	2 ACSR 6/1	0	0	302	129	33	4	3	0.02	14.62	0
11770007	11780064	15.54	9 1-	2 ACSR 6/1	0	0	301	128	23	3	2	0.00	14.62	0
11770008	11770007	15.56	9 1-	2 ACSR 6/1	0	0	300	128	23	3	2	0.00	14.62	0
11770009	11770008	15.62	8 1-	2 ACSR 6/1	0	0	299	128	17	2	1	0.00	14.63	0
11770011	11770009	15.71	8 1-	2 ACSR 6/1	0	0	296	128	17	2	1	0.01	14.63	0
11770012	11770011	15.74	2 1-	2 ACSR 6/1	0	0	296	128	7	0	1	0.00	14.63	0
11770010	11770011	15.75	5 1-	2 ACSR 6/1	0	0	295	127	9	1	1	0.00	14.63	0
11670008	11770010	15.79	3 1-	2 ACSR 6/1	0	0	295	127	8	1	1	0.00	14.64	0
11780057	11780056	14.98	49 3-	2 ACSR 6/1	434	379	314	131	212	9	5	0.00	13.47	2
11780058	11780057	15.03	48 3-	2 ACSR 6/1	432	377	313	131	212	9	5	0.01	13.48	3
11780050	11780058	15.08	47 3-	2 ACSR 6/1	430	375	312	130	204	9	5	0.00	13.49	3
11780060	11780050	15.15	41 3-	2 ACSR 6/1	428	373	310	130	175	8	4	0.00	13.51	4
11780061	11780060	15.18	40 3-	2 ACSR 6/1	427	372	309	130	169	7	4	0.00	13.51	1
D11-78-P015A	11780061	15.18	12 1-	SEC-35-GH	0	0	309	130	44	6	0	0.00	14.51	0
11780052	D11-78-P015A	15.21	12 1-	2 ACSR 6/1	0	0	309	130	44	6	3	0.00	14.52	0
11780074	11780062	15.24	10 1-	2 ACSR 6/1	0	0	308	130	32	4	3	0.00	14.52	0
11780080	11780074	15.30	9 1-	2 ACSR 6/1	0	0	306	129	27	3	2	0.01	14.53	0
11780081	11780080	15.48	8 1-	2 ACSR 6/1	0	0	302	129	25	3	2	0.01	14.54	0
11780075	11780081	15.53	4 1-	2 ACSR 6/1	0	0	301	128	9	1	0	0.00	14.54	0
11780076	11780075	15.60	1 1-	2 ACSR 6/1	0	0	299	128	2	0	1	0.00	14.54	0
11780082	11780081	15.61	1 1-	2 ACSR 6/1	0	0	299	128	6	0	0	0.00	14.54	0
D11-78-P015	11780061	15.18	28 1-	SEC-35-GH	0	0	309	130	126	17	0	0.00	10.56	0
11780065	D11-78-P015	15.25	28 1-	2 ACSR 6/1	0	0	308	130	126	17	10	0.03	10.59	3
11780066	11780065	15.38	27 1-	2 ACSR 6/1	0	0	304	129	119	16	9	0.06	10.65	6
11780051	11780066	15.47	2 1-	2 ACSR 6/1	0	0	302	129	10	1	1	0.00	10.66	0
11780052	11780051	15.50	1 1-	2 ACSR 6/1	0	0	301	129	3	0	0	0.00	10.66	0
11780047	11780066	15.43	25 1-	2 ACSR 6/1	0	0	303	129	110	15	8	0.02	10.68	2
11780069	11780047	15.53	25 1-	2 ACSR 6/1	0	0	301	128	110	15	8	0.04	10.72	4
11780071	11780069	15.63	19 1-	2 ACSR 6/1	0	0	298	128	83	11	6	0.03	10.75	2
11780088	11780071	15.72	0 1-	2 ACSR 6/1	0	0	296	128	0	0	0	0.00	10.75	0
11780073	11780071	15.67	2 1-	2 ACSR 6/1	0	0	297	128	12	1	1	0.00	10.75	0
11780072	11780071	15.79	16 1-	2 ACSR 6/1	0	0	294	127	67	9	5	0.04	10.79	2
11780089	11780072	15.85	6 1-	2 ACSR 6/1	0	0	293	127	15	2	1	0.00	10.79	0
11780090	11780089	15.90	3 1-	2 ACSR 6/1	0	0	292	127	5	0	0	0.00	10.79	0
11780091	11780090	15.95	0 1-	2 ACSR 6/1	0	0	291	127	0	0	0	0.00	10.79	0
11780083	11780090	15.94	2 1-	2 ACSR 6/1	0	0	291	127	3	0	0	0.00	10.79	0
11780046	11780072	15.85	8 1-	2 ACSR 6/1	0	0	293	127	37	5	3	0.01	10.80	0
11780049	11780046	16.07	6 1-	2 ACSR 6/1	0	0	288	126	30	4	2	0.02	10.82	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11880007	11780049	16.16	5 1-	2 ACSR 6/1	0	0	286	126	22	3	2	0.01	10.83	0
11880009	11880007	16.24	1 1-	2 ACSR 6/1	0	0	284	125	7	0	1	0.00	10.83	0
11880008	11880007	16.36	4 1-	2 ACSR 6/1	0	0	282	125	15	2	1	0.01	10.84	0
11870005	11880008	16.43	3 1-	2 ACSR 6/1	0	0	281	125	9	1	1	0.00	10.84	0
11870006	11870005	16.62	1 1-	2 ACSR 6/1	0	0	277	124	7	0	1	0.00	10.84	0
11780085	11780046	15.92	2 1-	2 ACSR 6/1	0	0	292	127	7	0	1	0.00	10.80	0
11780084	11780072	15.85	1 1-	2 ACSR 6/1	0	0	293	127	10	1	1	0.00	10.79	0
11780070	11780069	15.61	2 1-	2 ACSR 6/1	0	0	299	128	13	1	1	0.00	10.72	0
11780068	11780069	15.58	4 1-	2 ACSR 6/1	0	0	300	128	13	1	1	0.00	10.72	0
11780067	11780068	15.61	2 1-	2 ACSR 6/1	0	0	299	128	7	0	1	0.00	10.72	0
11780053	11780047	15.46	0 1-	2 ACSR 6/1	0	0	302	129	0	0	0	0.00	10.68	0
11780059	11780050	15.12	3 1-	2 ACSR 6/1	0	0	311	130	15	2	1	0.00	14.51	0
11780054	11680023	14.88	2 1-	2 ACSR 6/1	0	0	316	131	10	1	1	0.00	14.45	0
11680019	11680018	14.21	5 1-	2 ACSR 6/1	0	0	332	133	16	2	1	0.00	15.44	0
11680036	11680019	14.59	2 1-	2 ACSR 6/1	0	0	321	132	13	1	1	0.01	15.45	0
11680037	11680036	14.61	1 1-	2 ACSR 6/1	0	0	320	132	4	0	0	0.00	15.45	0
11680035	11680019	14.26	3 1-	2 ACSR 6/1	0	0	330	133	4	0	0	0.00	15.44	0
11680033	11680031	14.12	2 1-	2 ACSR 6/1	0	0	334	134	8	1	1	0.00	14.20	0
11680030	11680029	13.91	1 1-	2 ACSR 6/1	0	0	339	134	8	1	1	0.00	14.10	0
11680027	11580023	13.81	3 1-	2 ACSR 6/1	0	0	341	135	19	2	1	0.00	9.99	0
11480040	11480029	12.11	1 1-	2 ACSR 6/1	0	0	390	141	5	0	0	0.00	11.58	0
11480041	11480040	12.18	1 1-	2 ACSR 6/1	0	0	387	141	5	0	0	0.00	11.58	0
11370045	11370044	10.94	2 1-	2 ACSR 6/1	0	0	432	145	13	1	1	0.00	9.93	0
11370046	11370045	10.97	1 1-	2 ACSR 6/1	0	0	431	145	7	0	1	0.00	9.93	0
11370047	11370046	11.15	0 1-	2 ACSR 6/1	0	0	422	144	0	0	0	0.00	9.93	0
11370054	11370053	10.25	38 1-	2 ACSR 6/1	0	0	462	148	144	19	11	0.03	11.33	4
11370055	11370054	10.32	37 1-	2 ACSR 6/1	0	0	458	148	135	18	10	0.04	11.37	5
D11-37-P054	11370055	10.32	35 1-	REC-35-H	0	0	458	148	125	17	50	0.00	11.37	0
11370035	D11-37-P054	10.33	35 1-	2 ACSR 6/1	0	0	457	148	125	17	10	0.01	11.38	0
11370036	11370035	10.39	33 1-	2 ACSR 6/1	0	0	454	147	122	16	9	0.03	11.40	3
11370037	11370036	10.45	32 1-	2 ACSR 6/1	0	0	451	147	116	16	9	0.03	11.43	3
11370033	11370037	10.56	30 1-	2 ACSR 6/1	0	0	446	146	108	14	8	0.04	11.47	4
11370041	11370033	10.65	27 1-	2 ACSR 6/1	0	0	441	146	100	13	8	0.04	11.51	3
11370040	11370041	10.73	24 1-	2 ACSR 6/1	0	0	437	145	83	11	6	0.03	11.54	2
11270017	11370040	10.81	22 1-	2 ACSR 6/1	0	0	433	145	79	10	6	0.02	11.56	2
11270018	11270017	10.93	21 1-	2 ACSR 6/1	0	0	427	144	78	10	6	0.04	11.60	2
11270022	11270018	10.99	0 1-	2 ACSR 6/1	0	0	424	144	0	0	0	0.00	11.60	0
11270019	11270018	11.02	21 1-	2 ACSR 6/1	0	0	423	144	78	10	6	0.03	11.62	2
11270021	11270019	11.08	20 1-	2 ACSR 6/1	0	0	420	144	70	9	5	0.02	11.64	1
11270032	11270021	11.18	20 1-	2 ACSR 6/1	0	0	415	143	70	9	5	0.03	11.67	2
11270033	11270032	11.27	18 1-	2 ACSR 6/1	0	0	411	143	65	9	5	0.02	11.69	1
11270025	11270033	11.32	16 1-	2 ACSR 6/1	0	0	409	142	59	8	5	0.01	11.70	0
11270026	11270025	11.36	15 1-	2 ACSR 6/1	0	0	407	142	52	7	4	0.01	11.71	0
11270027	11270026	11.48	14 1-	2 ACSR 6/1	0	0	402	141	45	6	3	0.02	11.73	0
11270028	11270027	11.59	11 1-	2 ACSR 6/1	0	0	397	141	42	5	3	0.02	11.75	0
11270031	11270028	11.66	4 1-	2 ACSR 6/1	0	0	394	141	10	1	1	0.00	11.75	0
11270023	11270031	11.75	3 1-	2 ACSR 6/1	0	0	391	140	9	1	1	0.00	11.75	0
11270024	11270023	11.82	2 1-	2 ACSR 6/1	0	0	388	140	3	0	0	0.00	11.75	0
11280012	11270024	11.86	2 1-	2 ACSR 6/1	0	0	386	140	3	0	0	0.00	11.75	0
11280013	11280012	11.93	1 1-	2 ACSR 6/1	0	0	384	139	2	0	0	0.00	11.75	0
11280014	11280013	12.12	0 1-	2 ACSR 6/1	0	0	376	138	0	0	0	0.00	11.75	0
11270029	11270028	11.64	7 1-	2 ACSR 6/1	0	0	395	141	31	4	2	0.01	11.75	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11270030	11270029	11.76	6 1-	2 ACSR 6/1	0	0	390	140	30	4	2	0.01	11.77	0
11270034	11270030	11.92	6 1-	2 ACSR 6/1	0	0	384	139	30	4	2	0.02	11.78	0
11270035	11270034	12.04	5 1-	2 ACSR 6/1	0	0	379	139	25	3	2	0.01	11.79	0
11170005	11270035	12.15	1 1-	2 ACSR 6/1	0	0	375	138	1	0	0	0.00	11.79	0
11170006	11170005	12.30	0 1-	2 ACSR 6/1	0	0	370	137	0	0	0	0.00	11.79	0
11170002	11270035	12.08	2 1-	2 ACSR 6/1	0	0	378	138	12	1	1	0.00	11.79	0
11270020	11270019	11.22	0 1-	2 ACSR 6/1	0	0	413	143	0	0	0	0.00	11.62	0
11370039	11370041	10.69	1 1-	2 ACSR 6/1	0	0	439	146	11	1	1	0.00	11.51	0
11370038	11370033	10.62	1 1-	2 ACSR 6/1	0	0	442	146	1	0	0	0.00	11.47	0
11370032	11370037	10.54	2 1-	2 ACSR 6/1	0	0	447	147	8	1	1	0.00	11.43	0
11370034	11370055	10.38	1 1-	2 ACSR 6/1	0	0	455	147	4	0	0	0.00	11.37	0
11370028	11360017	10.04	0 1-	2 ACSR 6/1	0	0	472	149	0	0	0	0.00	6.66	0
11360031	11360030	9.90	5 1-	2 ACSR 6/1	0	0	479	150	21	2	2	0.01	8.34	0
11360032	11360031	9.94	1 1-	2 ACSR 6/1	0	0	476	149	8	1	1	0.00	8.34	0
11360029	11360031	9.94	1 1-	2 ACSR 6/1	0	0	476	149	7	0	1	0.00	8.34	0
11110041	11110042	9.46	29 1-	2 ACSR 6/1	0	0	500	151	109	14	8	0.06	7.55	5
D11-46-P031	11110041	9.46	29 1-	REC-25-H	0	0	500	151	109	14	58	0.00	7.55	0
11110048	D11-46-P031	9.68	29 1-	2 ACSR 6/1	0	0	486	150	109	14	8	0.09	7.63	8
11360036	11110048	9.77	10 1-	2 ACSR 6/1	0	0	481	149	41	5	3	0.01	7.65	0
11360033	11360036	9.88	4 1-	2 ACSR 6/1	0	0	474	149	22	2	2	0.01	7.65	0
11110047	11360033	9.93	1 1-	2 ACSR 6/1	0	0	471	149	7	0	1	0.00	7.65	0
11360037	11360036	10.23	2 1-	2 ACSR 6/1	0	0	454	147	8	1	1	0.01	7.66	0
11360035	11360037	10.39	1 1-	2 ACSR 6/1	0	0	446	146	8	1	1	0.00	7.66	0
11360021	11360035	10.64	0 1-	2 ACSR 6/1	0	0	433	145	0	0	0	0.00	7.66	0
11360034	11110048	9.92	17 1-	2 ACSR 6/1	0	0	472	149	60	8	5	0.06	7.69	3
11360023	11360034	10.16	16 1-	2 ACSR 6/1	0	0	459	147	51	6	4	0.04	7.73	2
11360024	11360023	10.25	15 1-	2 ACSR 6/1	0	0	453	147	47	6	4	0.02	7.75	0
11360026	11360024	10.35	15 1-	2 ACSR 6/1	0	0	448	146	47	6	4	0.02	7.77	0
11360027	11360026	10.46	14 1-	2 ACSR 6/1	0	0	443	146	44	5	3	0.02	7.79	0
11360038	11360027	11.01	14 1-	2 ACSR 6/1	0	0	416	143	44	5	3	0.09	7.88	3
11260022	11360038	11.13	13 1-	2 ACSR 6/1	0	0	410	142	42	5	3	0.02	7.90	0
11260015	11260022	11.16	11 1-	2 ACSR 6/1	0	0	409	142	41	5	3	0.00	7.90	0
11260016	11260015	11.24	10 1-	2 ACSR 6/1	0	0	405	141	34	4	3	0.01	7.91	0
11260017	11260016	11.36	8 1-	2 ACSR 6/1	0	0	400	141	21	2	2	0.01	7.92	0
11260018	11260017	11.43	7 1-	2 ACSR 6/1	0	0	397	140	21	2	2	0.01	7.93	0
11260019	11260018	11.57	6 1-	2 ACSR 6/1	0	0	391	140	20	2	2	0.01	7.94	0
11260020	11260019	11.66	4 1-	2 ACSR 6/1	0	0	388	139	17	2	1	0.01	7.94	0
11260021	11260020	11.72	1 1-	2 ACSR 6/1	0	0	385	139	4	0	0	0.00	7.94	0
11260013	11260020	11.75	3 1-	2 ACSR 6/1	0	0	384	139	12	1	1	0.00	7.94	0
11160005	11260013	11.95	1 1-	2 ACSR 6/1	0	0	376	138	3	0	0	0.00	7.94	0
11160006	11160005	12.03	0 1-	2 ACSR 6/1	0	0	373	137	0	0	0	0.00	7.94	0
11260012	11260016	11.60	2 1-	2 ACSR 6/1	0	0	390	140	12	1	1	0.02	7.93	0
11260014	11260012	11.69	2 1-	2 ACSR 6/1	0	0	386	139	12	1	1	0.00	7.93	0
11160004	11260014	11.80	1 1-	2 ACSR 6/1	0	0	382	139	6	0	0	0.00	7.93	0
11360016	11360027	10.51	0 1-	2 ACSR 6/1	0	0	440	145	0	0	0	0.00	7.79	0
11360025	11360024	10.33	0 1-	2 ACSR 6/1	0	0	449	146	0	0	0	0.00	7.75	0
11360019	11360034	9.94	1 1-	2 ACSR 6/1	0	0	471	148	9	1	1	0.00	7.69	0
11360020	11360019	9.97	1 1-	2 ACSR 6/1	0	0	469	148	9	1	1	0.00	7.69	0
11360022	11360020	10.01	0 1-	2 ACSR 6/1	0	0	467	148	0	0	0	0.00	7.69	0
11110040	11110039	9.13	1 1-	2 ACSR 6/1	0	0	520	153	2	0	0	0.00	5.68	0
11110035	11110049	8.79	1 1-	2 ACSR 6/1	0	0	540	154	4	0	0	0.00	5.27	0
11110029	11110049	8.76	2 1-	2 ACSR 6/1	0	0	543	154	4	0	0	0.00	5.27	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11110028	11110049	8.82	10 1-	2 ACSR 6/1	0	0	538	154	31	4	2	0.01	8.27	0
D11-46-P008	11110028	8.82	10 1-	REC-25-H	0	0	538	154	31	4	17	0.00	8.27	0
11110030	D11-46-P008	8.89	10 1-	2 ACSR 6/1	0	0	533	154	31	4	2	0.01	8.28	0
11110031	11110030	8.90	9 1-	2 ACSR 6/1	0	0	532	153	30	4	2	0.00	8.28	0
11110032	11110031	8.98	8 1-	2 ACSR 6/1	0	0	526	153	25	3	2	0.01	8.29	0
11110033	11110032	9.07	7 1-	2 ACSR 6/1	0	0	520	153	23	3	2	0.01	8.29	0
11110034	11110033	9.50	5 1-	2 ACSR 6/1	0	0	491	150	22	2	2	0.03	8.32	0
11450015	11110034	9.57	0 1-	2 ACSR 6/1	0	0	487	150	0	0	0	0.00	8.32	0
11450016	11450015	9.66	0 1-	2 ACSR 6/1	0	0	481	149	0	0	0	0.00	8.32	0
11450012	11450016	9.93	0 1-	2 ACSR 6/1	0	0	465	148	0	0	0	0.00	8.32	0
11450017	11110034	9.60	4 1-	2 ACSR 6/1	0	0	485	149	14	1	1	0.01	8.33	0
11450018	11450017	9.82	3 1-	2 ACSR 6/1	0	0	472	148	13	1	1	0.01	8.34	0
11450019	11450018	10.07	2 1-	2 ACSR 6/1	0	0	457	147	9	1	1	0.01	8.35	0
11450020	11450019	10.14	2 1-	2 ACSR 6/1	0	0	454	146	9	1	1	0.00	8.35	0
11450013	11450020	10.35	2 1-	2 ACSR 6/1	0	0	442	145	9	1	1	0.01	8.36	0
11450014	11450013	10.50	1 1-	2 ACSR 6/1	0	0	435	144	7	0	1	0.00	8.36	0
11450011	11450019	10.29	0 1-	2 ACSR 6/1	0	0	445	146	0	0	0	0.00	8.35	0
11560088	11560086	8.50	2 1-	2 ACSR 6/1	0	0	559	155	3	0	0	0.00	4.93	0
11560084	11560083	8.33	1 1-	2 ACSR 6/1	0	0	570	156	11	1	1	0.00	5.41	0
11560082	11560081	8.23	3 1-	2 ACSR 6/1	0	0	578	157	10	1	1	0.00	5.26	0
11560080	11560074	8.17	4 1-	2 ACSR 6/1	0	0	583	157	25	3	2	0.00	6.93	0
11560097	11560080	8.21	1 1-	2 ACSR 6/1	0	0	579	157	7	0	1	0.00	6.93	0
11560073	11560028	8.11	9 1-	2 ACSR 6/1	0	0	587	157	19	2	1	0.00	5.00	0
11560089	11560073	8.17	3 1-	2 ACSR 6/1	0	0	581	157	6	0	0	0.00	5.00	0
11560090	11560089	8.26	1 1-	2 ACSR 6/1	0	0	573	156	0	0	0	0.00	5.00	0
11560072	11560028	8.13	3 1-	2 ACSR 6/1	0	0	585	157	3	0	0	0.00	4.49	0
11560029	11560095	7.86	19 1-	2 ACSR 6/1	0	0	605	158	92	11	7	0.04	4.42	3
D11-56-P033	11560029	7.86	19 1-	FUS	0	0	605	158	92	11	273	0.00	4.42	0
11560030	D11-56-P033	8.05	19 1-	2 ACSR 6/1	0	0	587	157	92	11	7	0.06	4.49	5
11560066	11560030	8.11	17 1-	2 ACSR 6/1	0	0	582	157	78	10	6	0.02	4.50	0
11560076	11560066	8.18	16 1-	2 ACSR 6/1	0	0	576	156	72	9	5	0.02	4.52	0
11560079	11560076	8.23	3 1-	2 ACSR 6/1	0	0	572	156	10	1	1	0.00	4.52	0
11560077	11560076	8.23	12 1-	2 ACSR 6/1	0	0	571	156	55	7	4	0.01	4.53	0
11560078	11560077	8.28	10 1-	2 ACSR 6/1	0	0	567	156	44	5	3	0.01	4.54	0
11560067	11560078	8.35	8 1-	2 ACSR 6/1	0	0	562	155	42	5	3	0.01	4.55	0
11560068	11560067	8.42	7 1-	2 ACSR 6/1	0	0	556	155	29	3	2	0.01	4.55	0
11560102	11560068	8.49	6 1-	2 ACSR 6/1	0	0	550	154	29	3	2	0.01	4.56	0
11560069	11560102	8.54	4 1-	2 ACSR 6/1	0	0	546	154	22	2	2	0.00	4.56	0
11560071	11560069	8.65	2 1-	2 ACSR 6/1	0	0	538	153	14	1	1	0.00	4.57	0
11560070	11560069	8.55	2 1-	2 ACSR 6/1	0	0	545	154	9	1	1	0.00	4.57	0
11560075	11560066	8.13	1 1-	2 ACSR 6/1	0	0	580	156	7	0	0	0.00	4.50	0
11560065	11560030	8.12	2 1-	2 ACSR 6/1	0	0	581	157	13	1	1	0.00	4.49	0
11560064	11560095	7.81	1 1-	2 ACSR 6/1	0	0	609	158	1	0	0	0.00	4.39	0
11560099	11560098	7.48	1 1-	2 ACSR 6/1	0	0	637	160	7	0	1	0.00	3.66	0
11530010	11530009	4.54	0 1-	2 ACSR 6/1	0	0	1057	174	0	0	0	0.00	6.78	0
11530008	11530022	4.46	1 1-	2 ACSR 6/1	0	0	1076	174	8	1	1	0.00	6.61	0
11530018	11530016	3.86	8 1-	2 ACSR 6/1	0	0	1247	178	18	2	1	0.00	4.62	0
D11-53-P061	11530018	3.86	8 1-	REC-50-4H	0	0	1247	178	18	2	5	0.00	4.62	0
11530007	D11-53-P061	4.60	8 1-	2 ACSR 6/1	0	0	1014	172	18	2	1	0.05	4.67	0
11540014	11530007	4.69	7 1-	2 ACSR 6/1	0	0	991	171	14	1	1	0.00	4.67	0
11540013	11540014	4.72	1 1-	2 ACSR 6/1	0	0	982	171	4	0	0	0.00	4.67	0
11540012	11540014	4.76	3 1-	2 ACSR 6/1	0	0	973	171	5	0	0	0.00	4.68	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11540015	11540012	4.81	1 1-	2 ACSR 6/1	0	0	960	171	0	0	0	0.00	4.68	0
11540006	11540012	4.84	2 1-	2 ACSR 6/1	0	0	955	170	5	0	0	0.00	4.68	0
11540008	11540006	5.05	1 1-	2 ACSR 6/1	0	0	906	169	3	0	0	0.00	4.68	0
11540009	11540008	5.17	1 1-	2 ACSR 6/1	0	0	882	168	3	0	0	0.00	4.68	0
11540011	11530007	4.67	1 1-	2 ACSR 6/1	0	0	994	172	3	0	0	0.00	4.67	0
11530015	11630004	3.70	6 1-	2 ACSR 6/1	0	0	1302	178	32	4	2	0.00	4.85	0
11530012	11530015	3.76	3 1-	2 ACSR 6/1	0	0	1276	178	16	2	1	0.00	4.86	0
11530013	11530012	3.78	2 1-	2 ACSR 6/1	0	0	1268	178	13	1	1	0.00	4.86	0
11530014	11530013	3.83	1 1-	2 ACSR 6/1	0	0	1251	177	7	0	1	0.00	4.86	0
11530017	11530015	3.75	3 1-	2 ACSR 6/1	0	0	1280	178	16	2	1	0.00	4.85	0
11620052	11720058	2.23	7 1-	2 ACSR 6/1	0	0	2043	185	38	4	3	0.00	1.47	0
11620066	11620052	2.29	2 1-	2 ACSR 6/1	0	0	1994	185	9	1	1	0.00	1.47	0
11620051	11620052	2.31	3 1-	2 ACSR 6/1	0	0	1973	185	19	2	1	0.00	1.47	0
11720102	11720092	1.81	2 1-	2 ACSR 6/1	0	0	2308	186	10	1	1	0.00	1.19	0
11720103	11720102	1.84	1 1-	2 ACSR 6/1	0	0	2277	186	6	0	0	0.00	1.19	0
11720097	11720061	1.58	3 1-	2 ACSR 6/1	0	0	2493	187	4	0	0	0.00	1.04	0
11720059	11720061	1.58	3 1-	2 ACSR 6/1	0	0	2488	186	13	1	1	0.00	1.04	0
11820076	11820056	1.14	6 1-	2 ACSR 6/1	0	0	2912	187	30	3	2	0.01	1.47	0
11820074	11820076	1.17	1 1-	2 ACSR 6/1	0	0	2870	187	8	1	1	0.00	1.47	0
11820073	11820076	1.19	3 1-	2 ACSR 6/1	0	0	2823	187	12	1	1	0.00	1.47	0
11820051	11820061	1.04	7 1-	2 ACSR 6/1	0	0	3077	188	37	4	3	0.00	0.72	0
11820052	11820051	1.07	6 1-	2 ACSR 6/1	0	0	3030	188	29	3	2	0.00	0.72	0
11820053	11820052	1.11	3 1-	2 ACSR 6/1	0	0	2951	187	16	1	1	0.00	0.72	0
11820054	11820053	1.13	2 1-	2 ACSR 6/1	0	0	2905	187	7	0	1	0.00	0.72	0
11820099	11820094	0.80	5 1-	2 ACSR 6/1	0	0	3383	188	20	2	1	0.01	0.52	0
11820100	11820099	0.83	5 1-	2 ACSR 6/1	0	0	3295	188	20	2	1	0.00	0.53	0
11820137	11820100	0.88	4 1-	2 ACSR 6/1	0	0	3196	187	16	2	1	0.00	0.53	0
11820138	11820137	0.92	3 1-	2 ACSR 6/1	0	0	3107	187	9	1	1	0.00	0.53	0
11820097	11820096	0.64	3 1-	2 ACSR 6/1	0	0	3703	189	6	0	0	0.00	0.45	0
11820095	11820097	0.68	2 1-	2 ACSR 6/1	0	0	3596	188	5	0	0	0.00	0.45	0
CKT 1 total losses:		\$63,999												

SUB	53, CKT 2													
BK5302	HINKLE(53)	0.00	626 3-	BK5302	5254	5355	5528	190	3489	147	39	0.00	0.00	0
11920021	BK5302	0.04	626 3-	336 ACSR 18/1	5171	5254	5379	190	3489	147	28	0.04	0.03	75
11920024	11920021	0.15	626 3-	336 ACSR 18/1	4944	4981	4993	190	3488	147	28	0.12	0.13	214
11820090	11920024	0.27	626 3-	336 ACSR 18/1	4711	4705	4618	190	3486	147	28	0.14	0.23	239
11820091	11820090	0.29	626 3-	336 ACSR 18/1	4661	4647	4541	190	3484	147	28	0.03	0.25	54
11820086	11820091	0.40	9 1-	2 ACSR 6/1	0	0	4136	189	73	9	5	0.03	0.36	2
11820134	11820086	0.49	9 1-	2 ACSR 6/1	0	0	3827	188	73	9	5	0.02	0.38	1
11820133	11820134	0.57	7 1-	2 ACSR 6/1	0	0	3595	187	56	7	4	0.02	0.40	0
10890080	11820133	0.61	6 1-	2 ACSR 6/1	0	0	3466	187	42	5	3	0.01	0.41	0
10890082	10890080	0.72	3 1-	2 ACSR 6/1	0	0	3183	186	20	2	1	0.01	0.41	0
10890083	10890082	0.78	2 1-	2 ACSR 6/1	0	0	3049	186	10	1	1	0.00	0.42	0
10890090	10890083	0.89	1 1-	2 ACSR 6/1	0	0	2827	185	10	1	1	0.00	0.42	0
10890084	10890082	0.79	1 1-	2 ACSR 6/1	0	0	3026	186	10	1	1	0.00	0.42	0
10890081	10890080	0.68	1 1-	2 ACSR 6/1	0	0	3286	187	8	1	1	0.00	0.41	0
10890086	10890080	0.65	2 1-	2 ACSR 6/1	0	0	3359	187	13	1	1	0.00	0.41	0
10890087	10890086	0.71	1 1-	2 ACSR 6/1	0	0	3215	186	6	0	0	0.00	0.41	0
10890074	11820133	0.63	1 1-	2 ACSR 6/1	0	0	3423	187	15	1	1	0.00	0.40	0
11820092	11820091	0.35	1 1-	2 ACSR 6/1	0	0	4334	189	4	0	0	0.00	0.34	0
11820083	11820091	0.54	616 3-	336 ACSR 18/1	4250	4174	3937	189	3406	143	27	0.26	0.46	467

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11820085	11820083	0.57	616 3-	336 ACSR 18/1	4207	4125	3878	189	3402	143 27	0.03	0.49	54	
11820122	11820085	0.60	616 3-	336 ACSR 18/1	4160	4072	3813	189	3402	143 27	0.03	0.52	60	
11820124	11820122	0.65	616 3-	336 ACSR 18/1	4098	4003	3729	189	3401	143 27	0.05	0.55	81	
11820093	11820124	0.71	616 3-	336 ACSR 18/1	4013	3909	3616	189	3400	143 27	0.06	0.60	115	
11820101	11820093	0.82	616 3-	336 ACSR 18/1	3870	3751	3430	188	3399	143 27	0.11	0.70	205	
11820108	11820101	0.85	616 3-	336 ACSR 18/1	3824	3700	3371	188	3397	143 27	0.04	0.73	69	
11820109	11820108	0.90	616 3-	336 ACSR 18/1	3766	3637	3298	188	3397	143 27	0.05	0.77	89	
D11-82-P005	11820109	0.90	29 1-	FUS	0	0	3298	188	155	19 447	0.00	0.97	0	
11820112	D11-82-P005	0.94	29 1-	2 ACSR 6/1	0	0	3223	188	155	19 11	0.02	0.99	2	
11820113	11820112	0.97	28 1-	2 ACSR 6/1	0	0	3146	188	150	18 11	0.02	1.01	2	
11820115	11820113	0.99	17 1-	2 ACSR 6/1	0	0	3105	188	103	13 7	0.01	1.02	0	
11820118	11820115	1.03	16 1-	2 ACSR 6/1	0	0	3021	187	97	12 7	0.01	1.03	0	
11820119	11820118	1.10	15 1-	2 ACSR 6/1	0	0	2893	187	89	11 6	0.02	1.05	1	
11820120	11820119	1.13	14 1-	2 ACSR 6/1	0	0	2824	186	78	9 6	0.01	1.06	0	
11820136	11820120	1.29	2 1-	2 ACSR 6/1	0	0	2562	185	10	1 1	0.00	1.06	0	
11820068	11820120	1.23	3 1-	2 ACSR 6/1	0	0	2654	186	7	0 1	0.00	1.06	0	
11820069	11820068	1.34	1 1-	2 ACSR 6/1	0	0	2489	185	2	0 0	0.00	1.06	0	
11820121	11820120	1.54	8 1-	2 ACSR 6/1	0	0	2218	183	52	6 4	0.08	1.14	3	
11720113	11820121	1.60	3 1-	2 ACSR 6/1	0	0	2151	183	26	3 2	0.00	1.14	0	
10790041	11720113	1.64	1 1-	1/0 ACSR 6/1	0	0	2110	183	13	1 1	0.00	1.14	0	
11720057	11820121	1.59	1 1-	2 ACSR 6/1	0	0	2155	183	4	0 0	0.00	1.14	0	
11720050	11820121	1.59	4 1-	2 ACSR 6/1	0	0	2155	183	22	2 2	0.00	1.14	0	
10790034	11720050	1.64	2 1-	2 ACSR 6/1	0	0	2109	183	15	1 1	0.00	1.14	0	
10790040	10790034	1.70	1 1-	1/0 ACSR 6/1	0	0	2054	182	9	1 0	0.00	1.14	0	
10790039	10790034	1.79	1 1-	2 ACSR 6/1	0	0	1954	181	7	0 0	0.00	1.15	0	
10790037	11720050	1.66	2 1-	2 ACSR 6/1	0	0	2082	182	7	0 0	0.00	1.14	0	
11820114	11820113	1.00	9 1-	2 ACSR 6/1	0	0	3093	188	41	5 3	0.00	1.01	0	
11820131	11820114	1.08	5 1-	2 ACSR 6/1	0	0	2922	187	23	2 2	0.01	1.02	0	
11820132	11820131	1.12	4 1-	2 ACSR 6/1	0	0	2853	187	17	2 1	0.00	1.02	0	
11820135	11820132	1.20	3 1-	2 ACSR 6/1	0	0	2715	186	13	1 1	0.00	1.02	0	
11820116	11820114	1.04	4 1-	2 ACSR 6/1	0	0	3005	187	19	2 1	0.00	1.01	0	
11820117	11820116	1.10	1 1-	2 ACSR 6/1	0	0	2883	187	3	0 0	0.00	1.02	0	
11820048	11820109	0.96	587 3-	336 ACSR 18/1	3695	3561	3211	188	3241	137 26	0.05	0.81	101	
11820070	11820048	1.02	9 1-	2 ACSR 6/1	0	0	3077	188	53	6 4	0.01	1.03	0	
11820071	11820070	1.05	5 1-	2 ACSR 6/1	0	0	3020	187	30	3 2	0.00	1.04	0	
11820067	11820071	1.10	2 1-	2 ACSR 6/1	0	0	2936	187	19	2 1	0.00	1.04	0	
11820066	11820071	1.09	1 1-	2 ACSR 6/1	0	0	2948	187	5	0 0	0.00	1.04	0	
11820065	11820071	1.08	1 1-	2 ACSR 6/1	0	0	2971	187	5	0 0	0.00	1.04	0	
11820064	11820048	1.00	1 1-	2 ACSR 6/1	0	0	3118	188	10	1 1	0.00	1.02	0	
11820060	11820048	1.01	577 3-	336 ACSR 18/1	3635	3497	3138	188	3177	134 25	0.04	0.86	86	
11820055	11820060	1.06	577 3-	336 ACSR 18/1	3585	3443	3077	188	3177	134 25	0.04	0.89	74	
11820059	11820055	1.09	577 3-	336 ACSR 18/1	3550	3406	3036	188	3176	134 25	0.03	0.92	52	
11820075	11820059	1.23	577 3-	336 ACSR 18/1	3402	3249	2863	188	3175	134 25	0.12	1.03	235	
11720068	11820075	1.33	575 3-	336 ACSR 18/1	3307	3148	2754	187	3166	134 25	0.08	1.11	161	
11720071	11720068	1.39	3 1-	2 ACSR 6/1	0	0	2665	187	22	2 2	0.00	1.33	0	
11720072	11720071	1.43	2 1-	2 ACSR 6/1	0	0	2607	187	19	2 1	0.00	1.33	0	
11720084	11720068	1.40	572 3-	336 ACSR 18/1	3248	3087	2689	187	3143	133 25	0.05	1.16	103	
11720062	11720084	1.45	572 3-	336 ACSR 18/1	3204	3041	2640	187	3142	133 25	0.04	1.19	80	
11720063	11720062	1.53	572 3-	336 ACSR 18/1	3131	2965	2560	187	3141	133 25	0.07	1.26	136	
11720066	11720063	1.58	570 3-	336 ACSR 18/1	3089	2922	2514	187	3134	133 25	0.04	1.30	82	
11720093	11720066	1.62	570 3-	336 ACSR 18/1	3057	2889	2480	187	3133	133 25	0.03	1.33	62	
11720099	11720093	1.67	2 1-	2 ACSR 6/1	0	0	2424	186	13	1 1	0.00	1.21	0	

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
11720100	11720099	1.78	2 1-	2 ACSR 6/1	0	0	2279	185	13	1	1	0.00	1.21	0
11720101	11720100	1.83	1 1-	2 ACSR 6/1	0	0	2220	185	5	0	0	0.00	1.21	0
11720094	11720093	1.83	568 3-	336 ACSR 18/1	2898	2727	2314	186	3120	132	25	0.16	1.49	330
11720098	11720094	1.95	1 1-	15 KV 2 URD XLP	0	0	2193	464	16	2	1	0.00	1.71	0
11720095	11720094	1.93	567 3-	336 ACSR 18/1	2830	2658	2244	186	3101	132	25	0.07	1.56	152
11720096	11720095	2.06	567 3-	336 ACSR 18/1	2741	2568	2154	186	3099	132	25	0.10	1.66	210
D11-72-P002	11720096	2.06	72 3-	REC-70-L	0	0	2154	186	436	18	27	0.00	1.66	0
11720116	D11-72-P002	2.43	72 3-	2 ACSR 6/1	0	0	1818	183	436	18	10	0.12	1.83	66
11720117	11720116	2.55	72 3-	2 ACSR 6/1	0	0	1728	182	436	18	10	0.04	1.88	21
11730013	11720117	2.66	71 3-	2 ACSR 6/1	0	0	1658	181	429	18	10	0.03	1.92	18
11730016	11730013	2.76	68 3-	2 ACSR 6/1	0	0	1590	180	403	17	10	0.03	1.97	18
11730017	11730016	2.86	67 3-	2 ACSR 6/1	0	0	1530	180	390	16	9	0.03	2.00	16
11730018	11730017	3.06	65 3-	2 ACSR 6/1	0	0	1423	178	377	16	9	0.06	2.08	33
D11-73-P009	11730018	3.06	65 3-	FUS	0	0	1423	178	376	16	366	0.00	2.08	0
11730010	D11-73-P009	3.11	65 3-	2 ACSR 6/1	0	0	1397	178	376	16	9	0.02	2.10	9
11730011	11730010	4.21	65 3-	2 ACSR 6/1	0	0	1001	170	376	16	9	0.31	2.52	181
11830005	11730011	4.49	64 3-	2 ACSR 6/1	0	0	931	168	368	15	9	0.08	2.62	47
11840091	11830005	4.54	1 1-	2 ACSR 6/1	0	0	919	167	7	0	0	0.00	1.90	0
11840037	11830005	4.54	63 3-	2 ACSR 6/1	0	0	920	168	361	15	9	0.01	2.64	8
D11-84-P004	11840037	4.54	61 3-	REC-50-H	0	0	920	168	356	15	31	0.00	2.64	0
11840098	D11-84-P004	4.63	61 3-	2 ACSR 6/1	0	0	900	167	356	15	9	0.02	2.67	15
11840072	11840098	4.70	59 3-	2 ACSR 6/1	0	0	886	166	342	14	8	0.02	2.70	11
11840070	11840072	4.73	1 1-	2 ACSR 6/1	0	0	880	166	2	0	0	0.00	2.66	0
11840069	11840072	4.76	1 1-	2 ACSR 6/1	0	0	873	166	0	0	0	0.00	2.66	0
11840073	11840072	4.79	33 1-	2 ACSR 6/1	0	0	867	166	203	26	15	0.07	3.60	11
11840092	11840073	4.88	2 1-	2 ACSR 6/1	0	0	850	165	14	1	1	0.00	3.60	0
11840033	11840073	4.85	31 1-	2 ACSR 6/1	0	0	855	165	188	24	14	0.04	3.65	7
11840094	11840033	4.94	30 1-	2 ACSR 6/1	0	0	838	165	179	23	13	0.06	3.70	8
11840064	11840094	5.00	29 1-	2 ACSR 6/1	0	0	827	164	170	22	12	0.04	3.74	5
11830006	11840064	5.07	28 1-	2 ACSR 6/1	0	0	815	164	168	21	12	0.04	3.78	6
11-83-P003-B	11830006	5.07	28 1-	Closed	0	0	815	164	168	21	0	0.00	3.78	0
11-83-P003-A	11-83-P003-B	5.07	28 1-	Closed	0	0	815	164	168	21	0	0.00	3.78	0
11830004	11-83-P003-A	5.17	28 1-	2 ACSR 6/1	0	0	797	163	168	21	12	0.06	3.85	9
11930021	11830004	5.23	1 1-	2 ACSR 6/1	0	0	787	163	7	0	1	0.00	3.85	0
11930015	11830004	5.37	26 1-	2 ACSR 6/1	0	0	765	162	158	20	11	0.11	3.96	14
11930016	11930015	5.48	25 1-	2 ACSR 6/1	0	0	748	161	155	20	11	0.06	4.02	8
11930008	11930016	5.55	24 1-	2 ACSR 6/1	0	0	738	161	146	18	11	0.04	4.06	4
11930022	11930008	5.64	17 1-	2 ACSR 6/1	0	0	724	160	97	12	7	0.03	4.09	3
17030002	11930022	5.77	17 1-	2 ACSR 6/1	0	0	707	160	97	12	7	0.04	4.14	3
17040012	17030002	5.88	17 1-	2 ACSR 6/1	0	0	693	159	97	12	7	0.04	4.18	3
17040020	17040012	6.01	10 1-	2 ACSR 6/1	0	0	676	158	71	9	5	0.03	4.21	2
17040019	17040020	6.17	5 1-	2 ACSR 6/1	0	0	657	157	35	4	3	0.02	4.23	0
17030003	17040019	6.23	4 1-	2 ACSR 6/1	0	0	650	157	24	3	2	0.01	4.23	0
17030004	17030003	6.40	2 1-	2 ACSR 6/1	0	0	631	156	18	2	1	0.01	4.24	0
17040021	17040020	6.17	3 1-	2 ACSR 6/1	0	0	657	157	18	2	1	0.01	4.22	0
17140003	17040021	6.21	1 1-	2 ACSR 6/1	0	0	652	157	5	0	0	0.00	4.22	0
17140002	17040021	6.27	2 1-	2 ACSR 6/1	0	0	646	156	13	1	1	0.00	4.23	0
17140005	17140002	6.35	1 1-	2 ACSR 6/1	0	0	637	156	7	0	0	0.00	4.23	0
17140006	17140005	6.43	0 1-	2 ACSR 6/1	0	0	628	155	0	0	0	0.00	4.23	0
17140004	17140002	6.33	1 1-	2 ACSR 6/1	0	0	639	156	6	0	0	0.00	4.23	0
17040022	17040020	6.07	1 1-	2 ACSR 6/1	0	0	669	158	15	1	1	0.00	4.21	0
17040013	17040012	6.06	7 1-	2 ACSR 6/1	0	0	669	158	26	3	2	0.02	4.20	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
17040017	17040013	6.17	6 1-	2 ACSR 6/1	0	0	657	157	22	2	2	0.01	4.20	0
D17-04-P029	17040017	6.17	5 1-	FUS	0	0	657	157	21	2	61	0.00	4.20	0
17040015	D17-04-P029	6.29	5 1-	2 ACSR 6/1	0	0	644	156	21	2	1	0.01	4.21	0
17040018	17040015	6.32	1 1-	2 ACSR 6/1	0	0	640	156	9	1	1	0.00	4.21	0
17040014	17040015	6.38	4 1-	2 ACSR 6/1	0	0	633	156	11	1	1	0.00	4.22	0
17040026	17040014	6.66	1 1-	2 ACSR 6/1	0	0	604	154	0	0	0	0.00	4.22	0
17040027	17040026	6.95	1 1-	2 ACSR 6/1	0	0	577	152	0	0	0	0.00	4.22	0
17040028	17040027	7.52	1 1-	2 ACSR 6/1	0	0	530	149	0	0	0	0.00	4.22	0
17050003	17040028	7.78	1 1-	2 ACSR 6/1	0	0	511	148	0	0	0	0.00	4.22	0
17040010	17040014	6.46	3 1-	2 ACSR 6/1	0	0	625	155	11	1	1	0.00	4.22	0
11940006	17040010	6.51	2 1-	15 KV 2 URD XLP	0	0	619	303	11	1	1	0.00	4.22	0
11940005	17040010	6.58	1 1-	15 KV 2 URD XLP	0	0	612	301	1	0	0	0.00	4.22	0
17040016	17040013	6.11	1 1-	2 ACSR 6/1	0	0	664	157	4	0	0	0.00	4.20	0
17040011	17030002	5.85	0 1-	2 ACSR 6/1	0	0	695	159	0	0	0	0.00	4.14	0
11930018	11930008	5.58	7 1-	2 ACSR 6/1	0	0	733	161	48	6	4	0.01	4.07	0
11930019	11930018	5.63	6 1-	2 ACSR 6/1	0	0	726	160	43	5	3	0.01	4.07	0
11930023	11930019	5.84	3 1-	2 ACSR 6/1	0	0	697	159	25	3	2	0.01	4.08	0
11930017	11930016	5.51	1 1-	2 ACSR 6/1	0	0	744	161	9	1	1	0.00	4.02	0
11930020	11830004	5.23	1 1-	2 ACSR 6/1	0	0	786	163	3	0	0	0.00	3.85	0
11840093	11840033	4.91	1 1-	2 ACSR 6/1	0	0	843	165	9	1	1	0.00	3.65	0
11840071	11840072	4.75	23 1-	2 ACSR 6/1	0	0	875	166	136	17	10	0.03	2.69	3
11840082	11840071	4.81	22 1-	2 ACSR 6/1	0	0	862	166	124	15	9	0.03	2.72	3
D11-84-P013	11840082	4.81	3 1-	FUS	0	0	862	166	25	3	75	0.00	2.72	0
11840097	D11-84-P013	4.84	3 1-	2 ACSR 6/1	0	0	858	166	25	3	2	0.00	2.72	0
11840083	11840097	4.88	2 1-	2 ACSR 6/1	0	0	850	165	16	2	1	0.00	2.72	0
11840084	11840082	4.92	17 1-	2 ACSR 6/1	0	0	841	165	91	11	6	0.03	2.75	2
11840086	11840084	5.01	6 1-	2 ACSR 6/1	0	0	826	164	31	3	2	0.01	2.76	0
11840087	11840086	5.10	5 1-	2 ACSR 6/1	0	0	809	164	24	3	2	0.01	2.77	0
11840090	11840087	5.16	2 1-	2 ACSR 6/1	0	0	799	163	14	1	1	0.00	2.77	0
11840088	11840087	5.28	3 1-	2 ACSR 6/1	0	0	778	163	9	1	1	0.00	2.77	0
11840089	11840088	5.33	1 1-	2 ACSR 6/1	0	0	771	162	3	0	0	0.00	2.77	0
11840085	11840084	5.02	10 1-	2 ACSR 6/1	0	0	823	164	53	6	4	0.02	2.77	0
11840034	11840085	5.06	3 1-	2 ACSR 6/1	0	0	817	164	19	2	1	0.00	2.77	0
11840078	11840034	5.10	2 1-	2 ACSR 6/1	0	0	808	164	11	1	1	0.00	2.77	0
11840077	11840034	5.09	1 1-	2 ACSR 6/1	0	0	812	164	7	0	1	0.00	2.77	0
11840035	11840085	5.12	7 1-	2 ACSR 6/1	0	0	805	164	34	4	2	0.01	2.78	0
11840065	11840035	5.18	2 1-	2 ACSR 6/1	0	0	795	163	5	0	0	0.00	2.78	0
11840036	11840035	5.22	5 1-	2 ACSR 6/1	0	0	788	163	29	3	2	0.01	2.79	0
11840067	11840036	5.33	4 1-	2 ACSR 6/1	0	0	770	162	20	2	1	0.01	2.80	0
11840074	11840067	5.50	2 1-	2 ACSR 6/1	0	0	744	161	13	1	1	0.01	2.81	0
11840076	11840074	5.62	1 1-	2 ACSR 6/1	0	0	728	160	5	0	0	0.00	2.81	0
11840075	11840074	5.60	1 1-	2 ACSR 6/1	0	0	730	161	8	1	1	0.00	2.81	0
11840068	11840067	5.40	1 1-	2 ACSR 6/1	0	0	760	162	3	0	0	0.00	2.80	0
11840066	11840036	5.27	1 1-	2 ACSR 6/1	0	0	781	163	10	1	1	0.00	2.79	0
11840079	11840037	4.60	2 1-	2 ACSR 6/1	0	0	907	167	6	0	0	0.00	1.90	0
11840080	11840079	4.65	2 1-	2 ACSR 6/1	0	0	895	167	6	0	0	0.00	1.90	0
11840081	11840080	4.69	1 1-	2 ACSR 6/1	0	0	887	166	3	0	0	0.00	1.90	0
11730015	11730013	2.72	1 1-	2 ACSR 6/1	0	0	1616	181	10	1	1	0.00	1.78	0
11730014	11730013	2.70	1 1-	2 ACSR 6/1	0	0	1630	181	6	0	0	0.00	1.78	0
11730012	11720117	2.62	1 1-	2 ACSR 6/1	0	0	1681	181	6	0	0	0.00	1.76	0
11720049	11720096	2.10	495 3-	336 ACSR 18/1	2715	2541	2128	186	2661	113	21	0.03	1.69	48
11-72-P001A-B	11720049	2.10	495 3-	Closed	2715	2541	2128	186	2661	113	0	0.00	1.69	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11-72-P001A-A	11-72-P001A-B	2.10	495 3-	Closed	2715	2541	2128	186	2661	113	0	0.00	1.69	0
11720079	11-72-P001A-A	2.22	495 3-	336 ACSR 18/1	2642	2468	2056	185	2661	113	21	0.09	1.77	138
11620054	11720079	2.28	495 3-	336 ACSR 18/1	2603	2429	2018	185	2659	113	21	0.05	1.81	77
11620056	11620054	2.34	132 3-	336 ACSR 18/1	2569	2396	1985	185	791	33	6	0.02	1.82	10
11620105	11620056	2.41	130 3-	336 ACSR 18/1	2533	2360	1951	185	781	33	6	0.02	1.83	11
11-62-P031-B	11620105	2.41	130 3-	Closed	2533	2360	1951	185	781	33	0	0.00	1.83	0
11-62-P031-A	11-62-P031-B	2.41	130 3-	Closed	2533	2360	1951	185	781	33	0	0.00	1.83	0
11620057	11-62-P031-A	2.43	130 3-	336 ACSR 18/1	2522	2349	1940	185	781	33	6	0.01	1.83	3
11620087	11620057	2.49	128 3-	336 ACSR 18/1	2485	2313	1905	185	764	32	6	0.02	1.85	10
11620086	11620087	2.56	1 1-	2 ACSR 6/1	0	0	1852	184	9	1	1	0.00	2.13	0
11620059	11620087	2.54	126 3-	336 ACSR 18/1	2461	2288	1881	185	748	31	6	0.02	1.86	7
11620060	11620059	2.60	1 1-	15 KV 2 URD XLP	0	0	1841	456	17	2	1	0.00	1.53	0
11620084	11620059	2.58	125 3-	336 ACSR 18/1	2442	2270	1864	185	730	31	6	0.01	1.86	5
11620085	11620084	2.64	121 3-	336 ACSR 18/1	2411	2240	1835	184	716	30	6	0.02	1.87	8
11620061	11620085	2.75	118 3-	336 ACSR 18/1	2357	2186	1785	184	696	29	6	0.04	1.89	15
11620082	11620061	2.81	3 1-	2 ACSR 6/1	0	0	1737	184	18	2	1	0.00	2.21	0
11620083	11620082	2.88	1 1-	2 ACSR 6/1	0	0	1693	183	9	1	1	0.00	2.21	0
11620019	11620061	2.82	115 3-	336 ACSR 18/1	2320	2150	1751	184	677	28	5	0.02	1.90	10
11620078	11620019	2.89	109 3-	336 ACSR 18/1	2290	2120	1723	184	629	26	5	0.02	1.91	8
11620079	11620078	2.94	107 3-	336 ACSR 18/1	2267	2098	1702	184	613	26	5	0.01	1.92	6
11620064	11620079	3.00	105 3-	336 ACSR 18/1	2242	2073	1679	184	601	25	5	0.01	1.93	6
11620067	11620064	3.03	1 1-	2 ACSR 6/1	0	0	1656	183	6	0	0	0.00	2.28	0
11620065	11620064	3.19	103 3-	336 ACSR 18/1	2163	1997	1608	183	595	25	5	0.05	1.96	21
10690054	11620065	3.26	2 1-	2 ACSR 6/1	0	0	1566	183	11	1	1	0.00	1.40	0
11620077	10690054	3.32	1 1-	2 ACSR 6/1	0	0	1535	182	1	0	0	0.00	1.40	0
10690016	11620065	3.24	101 3-	336 ACSR 18/1	2143	1977	1590	183	583	24	5	0.01	1.96	6
10690031	10690016	3.38	96 3-	336 ACSR 18/1	2087	1923	1541	183	565	24	5	0.03	1.98	16
10690032	10690031	3.44	92 3-	336 ACSR 18/1	2064	1901	1521	183	538	22	4	0.01	1.99	7
10690028	10690032	3.49	88 3-	336 ACSR 18/1	2046	1883	1505	182	509	21	4	0.01	2.00	6
10690030	10690028	3.54	84 3-	336 ACSR 18/1	2029	1867	1490	182	484	20	4	0.01	2.00	5
10690022	10690030	3.57	1 1-	2 ACSR 6/1	0	0	1474	182	11	1	1	0.00	1.32	0
10690023	10690030	3.59	82 3-	336 ACSR 18/1	2011	1850	1475	182	464	19	4	0.01	2.01	5
10690026	10690023	3.83	81 3-	336 ACSR 18/1	1929	1771	1405	182	463	19	4	0.04	2.03	26
10690047	10690026	3.90	75 3-	336 ACSR 18/1	1908	1751	1386	182	430	18	3	0.01	2.04	7
10690045	10690047	3.94	5 1-	2 ACSR 6/1	0	0	1368	181	26	3	2	0.00	1.23	0
10690049	10690045	3.99	3 1-	2 ACSR 6/1	0	0	1345	181	9	1	1	0.00	1.23	0
10690048	10690049	4.04	1 1-	2 ACSR 6/1	0	0	1325	180	5	0	0	0.00	1.23	0
10690050	10690047	3.97	65 3-	336 ACSR 18/1	1884	1728	1366	181	385	16	3	0.01	2.05	7
10690061	10690050	4.05	60 3-	336 ACSR 18/1	1860	1705	1346	181	367	15	3	0.01	2.05	7
10690062	10690061	4.09	58 3-	336 ACSR 18/1	1848	1693	1335	181	365	15	3	0.01	2.06	4
10690041	10690062	4.13	56 3-	336 ACSR 18/1	1837	1684	1327	181	348	14	3	0.01	2.06	3
10690043	10690041	4.19	51 3-	336 ACSR 18/1	1820	1666	1312	181	321	13	3	0.01	2.06	4
10690044	10690043	4.23	49 3-	336 ACSR 18/1	1807	1654	1301	181	307	13	2	0.01	2.07	3
10690040	10690044	4.28	47 3-	336 ACSR 18/1	1794	1642	1291	181	299	12	2	0.01	2.07	3
10690038	10690040	4.31	45 3-	336 ACSR 18/1	1785	1633	1283	181	292	12	2	0.00	2.07	2
10690039	10690038	4.36	44 3-	336 ACSR 18/1	1770	1620	1271	180	280	11	2	0.01	2.08	3
10690051	10690039	4.45	42 3-	336 ACSR 18/1	1746	1597	1251	180	275	11	2	0.01	2.08	4
D10-68-P034	10690051	4.45	40 1-	RRC-50-H	0	0	1251	180	263	33	68	0.00	2.62	0
10680103	D10-68-P034	4.59	40 1-	2 ACSR 6/1	0	0	1203	179	263	33	19	0.12	2.74	25
10680104	10680103	4.62	36 1-	2 ACSR 6/1	0	0	1191	179	228	29	16	0.03	2.78	5
10680111	10680104	4.70	33 1-	2 ACSR 6/1	0	0	1167	178	213	27	15	0.06	2.83	10
10690019	10680111	4.74	10 1-	2 ACSR 6/1	0	0	1153	178	67	8	5	0.01	2.84	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10680120	10690019	4.80	3 1-	2 ACSR 6/1	0	0	1136	178	21	2	2	0.00	2.84	0
10680125	10690019	4.78	5 1-	2 ACSR 6/1	0	0	1140	178	34	4	2	0.00	2.85	0
10680099	10680125	4.82	4 1-	2 ACSR 6/1	0	0	1128	177	26	3	2	0.00	2.85	0
10680100	10680099	4.88	4 1-	2 ACSR 6/1	0	0	1110	177	26	3	2	0.00	2.85	0
10680101	10680100	4.91	2 1-	2 ACSR 6/1	0	0	1101	177	9	1	1	0.00	2.85	0
10680102	10680101	4.95	1 1-	2 ACSR 6/1	0	0	1090	176	0	0	0	0.00	2.85	0
10690018	10680111	4.89	22 1-	2 ACSR 6/1	0	0	1108	177	131	16	9	0.09	2.92	9
10790029	10690018	4.93	21 1-	2 ACSR 6/1	0	0	1097	177	123	15	9	0.02	2.94	2
10790030	10790029	4.98	20 1-	2 ACSR 6/1	0	0	1082	176	115	14	8	0.02	2.96	2
10790032	10790030	5.04	11 1-	2 ACSR 6/1	0	0	1066	176	43	5	3	0.01	2.97	0
10790033	10790032	5.16	5 1-	2 ACSR 6/1	0	0	1032	175	16	2	1	0.01	2.97	0
10790023	10790033	5.21	1 1-	2 ACSR 6/1	0	0	1021	174	5	0	0	0.00	2.97	0
10790024	10790033	5.20	4 1-	2 ACSR 6/1	0	0	1023	175	11	1	1	0.00	2.98	0
10790025	10790024	5.29	3 1-	2 ACSR 6/1	0	0	1001	174	11	1	1	0.00	2.98	0
10790027	10790025	5.44	3 1-	2 ACSR 6/1	0	0	964	173	11	1	1	0.00	2.98	0
10790028	10790027	5.71	2 1-	2 ACSR 6/1	0	0	905	171	2	0	0	0.00	2.98	0
10790016	10790028	5.77	1 1-	2 ACSR 6/1	0	0	893	170	2	0	0	0.00	2.98	0
10790026	10790028	5.77	1 1-	2 ACSR 6/1	0	0	893	170	0	0	0	0.00	2.98	0
10790015	10790025	5.37	0 1-	2 ACSR 6/1	0	0	981	173	0	0	0	0.00	2.98	0
10790017	10790030	5.03	9 1-	2 ACSR 6/1	0	0	1068	176	73	9	5	0.01	2.97	0
10790031	10790017	5.08	7 1-	2 ACSR 6/1	0	0	1054	175	64	8	5	0.01	2.99	0
10790036	10790031	5.14	6 1-	2 ACSR 6/1	0	0	1039	175	57	7	4	0.01	3.00	0
10780118	10790036	5.18	5 1-	2 ACSR 6/1	0	0	1028	175	48	6	3	0.01	3.00	0
10780120	10780118	5.27	2 1-	2 ACSR 6/1	0	0	1006	174	24	3	2	0.01	3.01	0
10780121	10780120	5.31	1 1-	2 ACSR 6/1	0	0	994	174	10	1	1	0.00	3.01	0
10780111	10780118	5.20	3 1-	2 ACSR 6/1	0	0	1023	175	25	3	2	0.00	3.00	0
10780119	10780111	5.28	2 1-	2 ACSR 6/1	0	0	1002	174	10	1	1	0.00	3.01	0
10780129	10780119	5.33	1 1-	2 ACSR 6/1	0	0	990	174	8	0	1	0.00	3.01	0
10780128	10780129	5.34	0 1-	2 ACSR 6/1	0	0	989	174	0	0	0	0.00	3.01	0
10-78-P248-B	10780128	5.34	0 1-	Open	0	0	989	174	0	0	0	0.00	3.01	0
10790035	10790017	5.09	2 1-	2 ACSR 6/1	0	0	1052	175	8	1	1	0.00	2.97	0
10690052	10680111	4.81	1 1-	2 ACSR 6/1	0	0	1131	177	15	1	1	0.00	2.83	0
10680147	10690051	4.51	0 3-	336 ACSR 18/1	1731	1582	1238	180	0	0	0	0.00	2.08	0
10-68-P033-B	10680147	4.51	0 3-	Open	1731	1582	1238	180	0	0	0	0.00	2.08	0
10680145	10690051	4.51	2 1-	2 ACSR 6/1	0	0	1231	180	13	1	1	0.00	2.54	0
10680144	10680145	4.59	1 1-	2 ACSR 6/1	0	0	1203	179	9	1	1	0.00	2.54	0
10690042	10690041	4.17	1 1-	2 ACSR 6/1	0	0	1308	181	12	1	1	0.00	2.53	0
10690035	10690050	4.01	5 1-	2 ACSR 6/1	0	0	1348	181	17	2	1	0.00	2.47	0
10690036	10690035	4.07	3 1-	2 ACSR 6/1	0	0	1326	181	12	1	1	0.00	2.48	0
10690037	10690036	4.15	3 1-	2 ACSR 6/1	0	0	1293	180	12	1	1	0.00	2.48	0
10690046	10690026	3.89	2 1-	2 ACSR 6/1	0	0	1377	181	15	1	1	0.00	1.25	0
10690029	10690028	3.55	3 1-	2 ACSR 6/1	0	0	1475	182	19	2	1	0.00	2.39	0
10690027	10690029	3.59	1 1-	2 ACSR 6/1	0	0	1456	182	5	0	0	0.00	2.39	0
10690021	10690032	3.54	4 1-	2 ACSR 6/1	0	0	1468	182	28	3	2	0.01	2.39	0
10690066	10690021	3.58	2 1-	2 ACSR 6/1	0	0	1452	181	15	1	1	0.00	2.39	0
10690020	10690016	3.29	5 1-	2 ACSR 6/1	0	0	1561	183	18	2	1	0.00	2.34	0
10690033	10690020	3.34	2 1-	2 ACSR 6/1	0	0	1531	182	6	0	0	0.00	2.34	0
10690034	10690033	3.39	0 1-	2 ACSR 6/1	0	0	1508	182	0	0	0	0.00	2.34	0
10690065	10690033	3.50	1 1-	2 ACSR 6/1	0	0	1448	181	3	0	0	0.00	2.34	0
11620062	11620019	2.91	6 1-	2 ACSR 6/1	0	0	1691	183	47	6	3	0.01	2.25	0
11620063	11620062	3.11	5 1-	2 ACSR 6/1	0	0	1569	182	44	5	3	0.03	2.28	0
11620081	11620063	3.18	1 1-	2 ACSR 6/1	0	0	1532	181	9	1	1	0.00	2.28	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11620080	11620063	3.15	3 1-	2 ACSR 6/1	0	0	1547	181	27	3	2	0.00	2.28	0
11620069	11620054	2.34	363 3-	336 ACSR 18/1	2569	2395	1985	185	1867	79	15	0.02	1.83	34
11620072	11620069	2.38	363 3-	336 ACSR 18/1	2546	2373	1963	185	1867	79	15	0.01	1.85	23
11620073	11620072	2.52	363 3-	336 ACSR 18/1	2474	2302	1894	185	1867	79	15	0.05	1.91	77
11620020	11620073	2.54	1 1-	2 ACSR 6/1	0	0	1873	184	1	0	0	0.00	1.89	0
11620076	11620020	2.57	0 1-	2 ACSR 6/1	0	0	1850	184	0	0	0	0.00	1.89	0
11620075	11620020	2.58	1 1-	2 ACSR 6/1	0	0	1846	184	1	0	0	0.00	1.89	0
11620021	11620073	2.73	362 3-	4/0 ACSR 6/1	2341	2171	1771	184	1865	79	23	0.12	2.06	197
11620098	11620021	3.07	361 3-	4/0 ACSR 6/1	2154	1990	1604	183	1851	79	23	0.20	2.29	309
11620099	11620098	3.24	360 3-	4/0 ACSR 6/1	2070	1909	1531	182	1844	79	23	0.10	2.41	156
11620102	11620099	3.34	360 3-	4/0 ACSR 6/1	2025	1865	1493	182	1843	79	23	0.06	2.47	89
11520048	11620102	3.41	3 1-	2 ACSR 6/1	0	0	1456	181	20	2	1	0.00	2.62	0
11520046	11520048	3.46	1 1-	2 ACSR 6/1	0	0	1430	181	10	1	1	0.00	2.62	0
11520047	11620102	3.45	356 3-	4/0 ACSR 6/1	1976	1818	1450	182	1812	77	23	0.06	2.55	100
11520037	11520047	3.50	1 1-	2 ACSR 6/1	0	0	1425	181	1	0	0	0.00	2.67	0
11520036	11520047	3.51	355 3-	4/0 ACSR 6/1	1952	1795	1430	181	1810	77	23	0.03	2.59	49
11-52-P095-B	11520036	3.51	355 3-	Closed	1952	1795	1430	181	1810	77	0	0.00	2.59	0
11-52-P095-A	11-52-P095-B	3.51	355 3-	Closed	1952	1795	1430	181	1810	77	0	0.00	2.59	0
11520049	11-52-P095-A	3.56	355 3-	4/0 ACSR 6/1	1930	1773	1411	181	1810	77	23	0.03	2.62	49
11520096	11520049	3.61	333 3-	4/0 ACSR 6/1	1911	1755	1395	181	1711	73	22	0.03	2.65	36
11520098	11520096	3.68	331 3-	4/0 ACSR 6/1	1883	1729	1372	181	1694	72	21	0.04	2.69	52
11520099	11520098	3.75	326 3-	4/0 ACSR 6/1	1856	1703	1349	181	1668	71	21	0.04	2.74	53
11520100	11520099	3.79	322 3-	4/0 ACSR 6/1	1838	1686	1334	180	1653	71	21	0.03	2.77	35
11520101	11520100	3.83	319 3-	4/0 ACSR 6/1	1826	1674	1324	180	1632	70	21	0.02	2.79	23
11520092	11520101	3.87	318 3-	4/0 ACSR 6/1	1809	1658	1310	180	1625	69	21	0.03	2.81	34
11520065	11520092	3.93	317 3-	4/0 ACSR 6/1	1791	1640	1295	180	1615	69	20	0.03	2.85	37
11520066	11520065	3.98	316 3-	4/0 ACSR 6/1	1770	1621	1278	180	1606	69	20	0.03	2.88	40
11520060	11520066	4.00	314 3-	4/0 ACSR 6/1	1763	1615	1272	180	1594	68	20	0.01	2.89	14
11520061	11520060	4.02	310 3-	4/0 ACSR 6/1	1757	1609	1267	180	1577	67	20	0.01	2.90	12
11520073	11520061	4.06	26 1-	2 ACSR 6/1	0	0	1253	179	142	18	10	0.02	2.70	2
11520072	11520073	4.12	11 1-	2 ACSR 6/1	0	0	1231	179	57	7	4	0.01	2.71	0
10590119	11520072	4.15	5 1-	2 ACSR 6/1	0	0	1219	179	26	3	2	0.00	2.71	0
10590130	10590119	4.24	4 1-	2 ACSR 6/1	0	0	1189	178	22	2	2	0.00	2.71	0
11520074	11520073	4.11	11 1-	2 ACSR 6/1	0	0	1236	179	74	9	5	0.01	2.71	0
11520075	11520074	4.15	9 1-	2 ACSR 6/1	0	0	1220	179	59	7	4	0.01	2.72	0
10590146	11520075	4.22	3 1-	2 ACSR 6/1	0	0	1197	178	19	2	1	0.00	2.72	0
11520086	10590146	4.26	1 1-	2 ACSR 6/1	0	0	1181	178	9	1	1	0.00	2.72	0
10590204	11520075	4.25	5 1-	2 ACSR 6/1	0	0	1187	178	33	4	2	0.01	2.73	0
10590205	10590204	4.33	3 1-	2 ACSR 6/1	0	0	1159	177	26	3	2	0.01	2.74	0
10590131	10590205	4.41	2 1-	2 ACSR 6/1	0	0	1133	177	15	1	1	0.00	2.74	0
10590132	10590131	4.54	1 1-	2 ACSR 6/1	0	0	1095	176	7	0	1	0.00	2.74	0
11520076	11520061	4.09	284 3-	4/0 ACSR 6/1	1733	1585	1247	179	1435	61	18	0.04	2.94	46
11520094	11520076	4.13	274 3-	4/0 ACSR 6/1	1722	1575	1238	179	1392	59	18	0.01	2.96	19
11520087	11520094	4.16	274 3-	4/0 ACSR 6/1	1712	1566	1230	179	1392	59	18	0.01	2.97	18
11520102	11520087	4.19	4 1-	2 ACSR 6/1	0	0	1218	179	14	1	1	0.00	3.14	0
11520095	11520102	4.24	2 1-	2 ACSR 6/1	0	0	1203	179	9	1	1	0.00	3.14	0
11520088	11520087	4.20	266 3-	4/0 ACSR 6/1	1697	1552	1218	179	1364	58	17	0.02	2.99	26
11520089	11520088	4.23	265 3-	4/0 ACSR 6/1	1689	1544	1212	179	1347	58	17	0.01	3.01	14
11520103	11520089	4.28	262 3-	4/0 ACSR 6/1	1673	1528	1198	179	1323	57	17	0.02	3.03	29
11520106	11520103	4.32	261 3-	4/0 ACSR 6/1	1660	1516	1188	179	1318	56	17	0.02	3.05	22
11520108	11520106	4.38	256 3-	4/0 ACSR 6/1	1644	1501	1175	178	1293	55	16	0.02	3.08	30
11520110	11520108	4.40	237 3-	4/0 ACSR 6/1	1637	1495	1170	178	1219	52	15	0.01	3.09	10

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
11520034	11520110	4.46	236 3-	4/0 ACSR 6/1	1621	1479	1156	178	1213	52	15	0.02	3.11	27
11520068	11520034	4.47	75 3-	4/0 ACSR 6/1	1617	1476	1153	178	293	12	4	0.00	3.11	0
11520069	11520068	4.56	74 3-	4/0 ACSR 6/1	1590	1450	1131	178	291	12	4	0.02	3.12	3
11420129	11520069	4.68	63 3-	4/0 ACSR 6/1	1557	1419	1105	177	260	11	3	0.03	3.14	3
11420120	11420129	4.72	1 1-	2 ACSR 6/1	0	0	1095	177	2	0	0	0.00	3.25	0
11420119	11420129	4.73	60 3-	4/0 ACSR 6/1	1545	1408	1096	177	243	10	3	0.01	3.14	0
11420116	11420119	4.79	58 3-	4/0 ACSR 6/1	1527	1391	1082	177	235	10	3	0.01	3.15	1
11420117	11420116	4.87	51 3-	4/0 ACSR 6/1	1509	1374	1067	177	206	8	3	0.02	3.15	1
11420118	11420117	4.93	47 3-	4/0 ACSR 6/1	1493	1359	1055	176	187	8	2	0.01	3.15	0
11420121	11420118	5.01	41 3-	4/0 ACSR 6/1	1474	1341	1040	176	156	6	2	0.01	3.16	0
10490111	11420121	5.07	1 1-	2 ACSR 6/1	0	0	1024	176	2	0	0	0.00	3.43	0
10490109	11420121	5.05	39 3-	4/0 ACSR 6/1	1463	1330	1031	176	149	6	2	0.01	3.16	0
10490110	10490109	5.11	2 1-	2 ACSR 6/1	0	0	1018	176	6	0	0	0.00	3.32	0
10490107	10490109	5.09	37 3-	4/0 ACSR 6/1	1455	1323	1025	176	143	6	2	0.00	3.16	0
10490116	10490107	5.19	29 3-	4/0 ACSR 6/1	1432	1301	1007	176	119	5	2	0.01	3.17	0
10490117	10490116	5.23	26 3-	4/0 ACSR 6/1	1422	1292	999	175	103	4	1	0.01	3.17	0
10490058	10490117	5.34	18 3-	4/0 ACSR 6/1	1399	1270	981	175	75	3	1	0.01	3.17	0
10490059	10490058	5.40	16 3-	4/0 ACSR 6/1	1385	1258	971	175	72	3	1	0.01	3.17	0
10490060	10490059	5.45	1 3-	4/0 ACSR 6/1	1374	1247	962	175	0	0	0	0.00	3.17	0
10490136	10490060	5.47	0 3-	4/0 ACSR 6/1	1370	1244	959	175	0	0	0	0.00	3.17	0
10-49-P262-B	10490136	5.47	0 3-	Open	1370	1244	959	175	0	0	0	0.00	3.17	0
10490082	10490059	5.51	15 1-	2 ACSR 6/1	0	0	945	174	72	9	5	0.03	3.40	2
10590086	10490082	5.54	14 1-	2 ACSR 6/1	0	0	941	174	68	8	5	0.01	3.40	0
10590088	10590086	5.57	11 1-	2 ACSR 6/1	0	0	933	174	60	7	4	0.01	3.41	0
10590093	10590088	5.60	3 1-	2 ACSR 6/1	0	0	926	173	9	1	1	0.00	3.41	0
10590094	10590093	5.64	1 1-	2 ACSR 6/1	0	0	920	173	3	0	0	0.00	3.41	0
10590091	10590088	5.60	6 1-	2 ACSR 6/1	0	0	927	173	46	5	3	0.01	3.41	0
10590092	10590091	5.65	5 1-	2 ACSR 6/1	0	0	917	173	43	5	3	0.01	3.42	0
10590089	10590092	5.68	4 1-	2 ACSR 6/1	0	0	910	173	39	5	3	0.00	3.42	0
10590090	10590089	5.71	3 1-	2 ACSR 6/1	0	0	904	173	20	2	1	0.00	3.42	0
10590087	10590086	5.57	2 1-	2 ACSR 6/1	0	0	933	174	4	0	0	0.00	3.40	0
10490112	10490107	5.16	6 1-	2 ACSR 6/1	0	0	1008	175	16	2	1	0.00	3.43	0
10490114	10490112	5.22	2 1-	2 ACSR 6/1	0	0	992	175	1	0	0	0.00	3.43	0
10490115	10490114	5.43	0 1-	2 ACSR 6/1	0	0	946	173	0	0	0	0.00	3.43	0
10490113	10490112	5.20	1 1-	2 ACSR 6/1	0	0	998	175	9	1	1	0.00	3.43	0
10490108	10490107	5.15	1 1-	2 ACSR 6/1	0	0	1010	175	8	1	1	0.00	3.33	0
11420114	11420119	4.75	2 1-	2 ACSR 6/1	0	0	1089	177	8	0	1	0.00	3.42	0
11420115	11420114	4.81	1 1-	2 ACSR 6/1	0	0	1072	177	5	0	0	0.00	3.42	0
11420128	11520069	4.60	6 1-	2 ACSR 6/1	0	0	1122	177	20	2	1	0.00	3.42	0
11420144	11520069	4.58	2 1-	2 ACSR 6/1	0	0	1127	178	3	0	0	0.00	3.42	0
11420145	11420144	4.61	2 1-	2 ACSR 6/1	0	0	1117	177	3	0	0	0.00	3.42	0
11420060	11420145	4.73	1 1-	2 ACSR 6/1	0	0	1084	177	2	0	0	0.00	3.42	0
11520067	11520034	4.49	159 3-	1/0 ACSR 6/1	1606	1465	1146	178	904	39	17	0.01	3.14	23
D11-52-P070	11520067	4.49	158 3-	REC-50-H	1606	1465	1146	178	901	38	78	0.00	3.14	0
11520056	D11-52-P070	4.65	158 3-	1/0 ACSR 6/1	1553	1413	1106	177	901	38	17	0.05	3.23	89
11420147	11520056	4.68	1 1-	2 ACSR 6/1	0	0	1097	177	10	1	1	0.00	3.27	0
11420127	11520056	4.73	155 3-	1/0 ACSR 6/1	1526	1387	1086	177	878	37	16	0.03	3.28	46
D11-42-P012	11420127	4.73	10 1-	FUS-20	0	0	1086	177	53	6	39	0.00	3.29	0
11420142	D11-42-P012	4.83	10 1-	2 ACSR 6/1	0	0	1057	176	53	6	4	0.02	3.31	0
11420131	11420142	4.93	8 1-	2 ACSR 6/1	0	0	1032	175	42	5	3	0.01	3.33	0
11420058	11420131	5.04	7 1-	2 ACSR 6/1	0	0	1005	174	33	4	2	0.01	3.34	0
11420130	11420058	5.13	4 1-	2 ACSR 6/1	0	0	983	174	14	1	1	0.00	3.34	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11520070	11420130	5.20	2 1-	2 ACSR 6/1	0	0	967	173	8	1	1	0.00	3.34	0
11420146	11420058	5.08	1 1-	2 ACSR 6/1	0	0	994	174	8	1	1	0.00	3.34	0
11420061	11420127	4.80	145 3-	1/0 ACSR 6/1	1501	1364	1069	176	825	35	16	0.01	3.32	39
11420062	11420061	4.85	3 1-	2 ACSR 6/1	0	0	1057	176	24	3	2	0.00	3.31	0
11420068	11420061	4.89	141 3-	1/0 ACSR 6/1	1474	1337	1048	176	792	34	15	0.01	3.37	45
11420106	11420068	5.00	122 3-	1/0 ACSR 6/1	1441	1306	1024	175	687	29	13	-0.01	3.42	48
11420107	11420106	5.05	121 3-	1/0 ACSR 6/1	1425	1290	1013	175	684	29	13	0.00	3.44	24
11420101	11420107	5.09	3 1-	2 ACSR 6/1	0	0	1003	175	18	2	1	0.00	3.31	0
11420102	11420101	5.20	1 1-	2 ACSR 6/1	0	0	977	174	8	1	1	0.00	3.31	0
11420095	11420107	5.09	118 3-	1/0 ACSR 6/1	1413	1279	1004	175	666	28	13	0.00	3.46	17
11420108	11420095	5.13	116 3-	1/0 ACSR 6/1	1402	1268	996	175	657	28	12	0.00	3.48	18
11420110	11420108	5.19	2 1-	2 ACSR 6/1	0	0	983	174	13	1	1	0.00	4.26	0
11420109	11420108	5.18	114 3-	1/0 ACSR 6/1	1389	1256	987	174	644	27	12	0.00	3.50	18
11420104	11420109	5.20	8 1-	2 ACSR 6/1	0	0	982	174	35	4	3	0.00	3.30	0
11420105	11420104	5.22	5 1-	2 ACSR 6/1	0	0	976	174	21	2	2	0.00	3.30	0
11420097	11420105	5.27	1 1-	2 ACSR 6/1	0	0	965	174	3	0	0	0.00	3.30	0
11420103	11420109	5.20	105 3-	1/0 ACSR 6/1	1382	1250	982	174	606	26	11	0.00	3.51	10
11420111	11420103	5.25	104 3-	1/0 ACSR 6/1	1369	1237	972	174	599	25	11	-0.01	3.53	19
11420098	11420111	5.29	89 3-	1/0 ACSR 6/1	1358	1227	964	174	516	22	10	-0.02	3.54	16
11420082	11420098	5.33	88 3-	1/0 ACSR 6/1	1347	1216	957	174	505	21	10	-0.02	3.55	15
11420088	11420082	5.39	87 3-	1/0 ACSR 6/1	1333	1203	947	173	496	21	9	-0.02	3.57	20
11420089	11420088	5.46	4 1-	2 ACSR 6/1	0	0	931	173	16	2	1	0.00	3.23	0
11420090	11420089	5.49	1 1-	2 ACSR 6/1	0	0	924	173	4	0	0	0.00	3.23	0
11420087	11420089	5.53	2 1-	2 ACSR 6/1	0	0	916	172	11	1	1	0.00	3.23	0
11420078	11420087	5.57	1 1-	2 ACSR 6/1	0	0	909	172	8	0	1	0.00	3.23	0
11420079	11420088	5.45	82 3-	1/0 ACSR 6/1	1316	1187	934	173	474	20	9	-0.03	3.59	26
11420080	11420079	5.50	81 3-	1/0 ACSR 6/1	1305	1176	926	173	472	20	9	-0.02	3.61	18
11420081	11420080	5.55	75 3-	2 ACSR 6/1	1289	1161	915	172	453	19	11	-0.03	3.63	31
11420077	11420081	5.60	74 3-	2 ACSR 6/1	1275	1147	905	172	447	19	11	-0.03	3.66	30
11420132	11420077	5.68	73 3-	2 ACSR 6/1	1252	1125	889	171	439	19	11	-0.04	3.69	47
D11-43-P001	11420132	5.68	51 1-	REC-50-H	0	0	889	171	327	42	86	0.00	4.97	0
11430029	D11-43-P001	5.80	51 1-	2 ACSR 6/1	0	0	866	171	327	42	24	0.14	5.11	37
11430030	11430029	5.86	50 1-	2 ACSR 6/1	0	0	855	170	319	41	23	0.08	5.19	20
11430031	11430030	6.00	48 1-	2 ACSR 6/1	0	0	830	169	311	40	23	0.16	5.34	39
11430032	11430031	6.08	46 1-	2 ACSR 6/1	0	0	817	169	296	38	22	0.08	5.43	20
11430035	11430032	6.13	41 1-	2 ACSR 6/1	0	0	808	168	256	33	19	0.05	5.48	11
11430036	11430035	6.18	1 1-	2 ACSR 6/1	0	0	800	168	3	0	0	0.00	5.48	0
11430039	11430035	6.27	40 1-	2 ACSR 6/1	0	0	786	167	253	33	18	0.13	5.60	25
11430054	11430039	6.32	31 1-	2 ACSR 6/1	0	0	778	167	190	25	14	0.04	5.64	6
11430057	11430054	6.35	30 1-	2 ACSR 6/1	0	0	774	167	178	23	13	0.02	5.66	2
11430056	11430057	6.43	3 1-	2 ACSR 6/1	0	0	762	166	18	2	1	0.00	5.66	0
11330013	11430056	6.51	2 1-	2 ACSR 6/1	0	0	750	166	10	1	1	0.00	5.66	0
11430053	11330013	6.56	1 1-	2 ACSR 6/1	0	0	743	165	4	0	0	0.00	5.66	0
11430055	11430057	6.62	26 1-	2 ACSR 6/1	0	0	735	165	155	20	11	0.15	5.81	19
11330018	11430055	6.70	1 1-	2 ACSR 6/1	0	0	724	164	6	0	0	0.00	5.81	0
11330015	11430055	6.78	23 1-	2 ACSR 6/1	0	0	713	164	131	17	10	0.08	5.89	9
11330010	11330015	6.87	21 1-	2 ACSR 6/1	0	0	702	163	123	16	9	0.04	5.93	4
11330012	11330010	7.00	16 1-	2 ACSR 6/1	0	0	686	162	102	13	7	0.05	5.98	4
11330008	11330012	7.03	1 1-	2 ACSR 6/1	0	0	682	162	9	1	1	0.00	5.98	0
11330006	11330012	7.06	2 1-	2 ACSR 6/1	0	0	678	162	22	2	2	0.00	5.98	0
11330007	11330006	7.12	1 1-	2 ACSR 6/1	0	0	671	162	11	1	1	0.00	5.98	0
11330005	11330007	7.17	0 1-	2 ACSR 6/1	0	0	665	161	0	0	0	0.00	5.98	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11330003	11330012	7.07	11 1-	2 ACSR 6/1	0	0	677	162	58	7	4	0.01	5.99	0
11330004	11330003	7.14	8 1-	2 ACSR 6/1	0	0	669	161	44	5	3	0.01	6.00	0
11340004	11330004	7.21	6 1-	2 ACSR 6/1	0	0	661	161	33	4	2	0.01	6.01	0
11340005	11340004	7.31	5 1-	2 ACSR 6/1	0	0	650	160	28	3	2	0.01	6.02	0
11340008	11340005	7.35	4 1-	2 ACSR 6/1	0	0	646	160	15	2	1	0.00	6.02	0
11340009	11340008	7.39	2 1-	2 ACSR 6/1	0	0	641	160	10	1	1	0.00	6.02	0
11340010	11340009	7.48	1 1-	2 ACSR 6/1	0	0	631	159	7	0	1	0.00	6.02	0
11440007	11340010	7.57	0 1-	2 ACSR 6/1	0	0	623	159	0	0	0	0.00	6.02	0
11340003	11330004	7.20	2 1-	2 ACSR 6/1	0	0	662	161	11	1	1	0.00	6.00	0
11330011	11330010	6.92	4 1-	2 ACSR 6/1	0	0	696	163	20	2	1	0.00	5.93	0
11330009	11330011	6.97	1 1-	2 ACSR 6/1	0	0	689	163	5	0	0	0.00	5.93	0
11330019	11330015	6.81	2 1-	2 ACSR 6/1	0	0	709	164	8	1	1	0.00	5.89	0
11330014	11430055	6.70	1 1-	2 ACSR 6/1	0	0	724	164	9	1	1	0.00	5.81	0
11430040	11430039	6.31	6 1-	2 ACSR 6/1	0	0	781	167	42	5	3	0.01	5.61	0
11430038	11430040	6.34	1 1-	2 ACSR 6/1	0	0	775	167	9	1	1	0.00	5.61	0
11430037	11430040	6.40	4 1-	2 ACSR 6/1	0	0	766	166	27	3	2	0.01	5.62	0
11430052	11430037	6.56	4 1-	2 ACSR 6/1	0	0	743	165	27	3	2	0.02	5.64	0
11430068	11430052	6.64	4 1-	2 ACSR 6/1	0	0	732	165	27	3	2	0.01	5.64	0
11430069	11430068	6.72	3 1-	2 ACSR 6/1	0	0	720	164	20	2	1	0.01	5.65	0
11430065	11430069	6.76	2 1-	2 ACSR 6/1	0	0	716	164	13	1	1	0.00	5.65	0
11430067	11430065	6.82	1 1-	2 ACSR 6/1	0	0	708	164	9	1	1	0.00	5.65	0
11430066	11430065	6.78	1 1-	2 ACSR 6/1	0	0	713	164	3	0	0	0.00	5.65	0
11430041	11430040	6.34	1 1-	2 ACSR 6/1	0	0	775	167	6	0	0	0.00	5.61	0
11430033	11430032	6.14	4 1-	2 ACSR 6/1	0	0	807	168	38	5	3	0.01	5.43	0
11430034	11430033	6.22	3 1-	2 ACSR 6/1	0	0	794	168	30	3	2	0.01	5.44	0
11430070	11430034	6.24	2 1-	2 ACSR 6/1	0	0	790	167	21	2	2	0.00	5.44	0
11430071	11430070	6.32	1 1-	2 ACSR 6/1	0	0	778	167	12	1	1	0.00	5.45	0
11430009	11420132	5.76	22 1-	2 ACSR 6/1	0	0	875	171	111	14	8	0.03	5.00	3
11430047	11430009	5.78	2 1-	2 ACSR 6/1	0	0	871	171	6	0	0	0.00	5.00	0
11430042	11430009	5.85	20 1-	2 ACSR 6/1	0	0	857	170	105	13	8	0.04	5.03	3
11430044	11430042	5.95	18 1-	2 ACSR 6/1	0	0	839	169	97	12	7	0.03	5.07	2
11430045	11430044	6.00	14 1-	2 ACSR 6/1	0	0	830	169	75	9	5	0.01	5.08	0
11430046	11430045	6.05	12 1-	2 ACSR 6/1	0	0	822	169	58	7	4	0.01	5.09	0
11430050	11430046	6.12	10 1-	2 ACSR 6/1	0	0	810	168	53	6	4	0.01	5.10	0
11430051	11430050	6.18	9 1-	2 ACSR 6/1	0	0	800	168	47	6	3	0.01	5.11	0
11430049	11430051	6.28	4 1-	2 ACSR 6/1	0	0	785	167	26	3	2	0.01	5.12	0
11430048	11430049	6.36	1 1-	2 ACSR 6/1	0	0	773	167	7	0	1	0.00	5.12	0
11430043	11430042	5.91	1 1-	2 ACSR 6/1	0	0	846	170	3	0	0	0.00	5.04	0
11420122	11420080	5.75	5 1-	2 ACSR 6/1	0	0	877	171	17	2	1	0.02	2.99	0
11420123	11420122	5.80	1 1-	2 ACSR 6/1	0	0	866	170	6	0	0	0.00	2.99	0
11420124	11420123	5.84	1 1-	2 ACSR 6/1	0	0	860	170	6	0	0	0.00	2.99	0
11420125	11420122	5.82	4 1-	2 ACSR 6/1	0	0	863	170	11	1	1	0.00	3.00	0
11420126	11420125	5.97	3 1-	2 ACSR 6/1	0	0	836	169	9	1	1	0.00	3.00	0
11320006	11420126	6.02	1 1-	2 ACSR 6/1	0	0	827	169	7	0	0	0.00	3.00	0
11320007	11320006	6.08	0 1-	2 ACSR 6/1	0	0	816	169	0	0	0	0.00	3.00	0
11420112	11420111	5.31	12 1-	2 ACSR 6/1	0	0	958	174	74	9	5	0.01	3.29	0
11420113	11420112	5.39	10 1-	2 ACSR 6/1	0	0	942	173	56	7	4	0.01	3.31	0
11420074	11420113	5.51	8 1-	2 ACSR 6/1	0	0	916	172	49	6	3	0.02	3.33	0
11420091	11420074	5.56	0 1-	2 ACSR 6/1	0	0	905	172	0	0	0	0.00	3.33	0
11420083	11420074	5.59	2 1-	2 ACSR 6/1	0	0	900	171	12	1	1	0.00	3.33	0
11420072	11420074	5.68	1 1-	2 ACSR 6/1	0	0	882	171	5	0	0	0.00	3.33	0
11420021	11420074	5.55	5 1-	2 ACSR 6/1	0	0	907	172	32	4	2	0.01	3.33	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11420022	11420021	5.60	2 1-	2 ACSR 6/1	0	0	898	171	13	1	1	0.00	3.34	0
11420086	11420022	5.65	1 1-	2 ACSR 6/1	0	0	887	171	9	1	1	0.00	3.34	0
11420084	11420022	5.68	0 1-	2 ACSR 6/1	0	0	882	171	0	0	0	0.00	3.34	0
11420085	11420084	5.75	0 1-	2 ACSR 6/1	0	0	868	170	0	0	0	0.00	3.34	0
11420140	11420021	5.58	3 1-	2 ACSR 6/1	0	0	901	172	19	2	1	0.00	3.34	0
11420141	11420140	5.63	2 1-	2 ACSR 6/1	0	0	892	171	12	1	1	0.00	3.34	0
11420073	11420113	5.43	1 1-	2 ACSR 6/1	0	0	934	173	0	0	0	0.00	3.31	0
11420096	11420103	5.27	1 1-	2 ACSR 6/1	0	0	966	174	8	1	1	0.00	4.34	0
11420070	11420068	4.99	16 1-	2 ACSR 6/1	0	0	1022	175	80	10	6	0.03	3.35	2
11420063	11420070	5.05	14 1-	2 ACSR 6/1	0	0	1007	175	77	10	6	0.02	3.36	0
11420064	11420063	5.11	13 1-	2 ACSR 6/1	0	0	994	174	71	9	5	0.01	3.38	0
11420075	11420064	5.19	7 1-	2 ACSR 6/1	0	0	973	174	39	5	3	0.01	3.39	0
11420092	11420075	5.24	5 1-	2 ACSR 6/1	0	0	962	173	27	3	2	0.00	3.39	0
11420099	11420092	5.29	4 1-	2 ACSR 6/1	0	0	951	173	22	2	2	0.00	3.40	0
11420100	11420099	5.34	1 1-	2 ACSR 6/1	0	0	940	173	7	0	1	0.00	3.40	0
11420076	11420075	5.28	1 1-	2 ACSR 6/1	0	0	954	173	11	1	1	0.00	3.39	0
11420065	11420064	5.16	6 1-	2 ACSR 6/1	0	0	982	174	32	4	2	0.01	3.38	0
11420066	11420065	5.20	1 1-	2 ACSR 6/1	0	0	971	173	4	0	0	0.00	3.38	0
11420071	11420065	5.22	3 1-	2 ACSR 6/1	0	0	967	173	16	2	1	0.00	3.39	0
11420093	11420071	5.28	2 1-	2 ACSR 6/1	0	0	954	173	14	1	1	0.00	3.39	0
11420094	11420093	5.37	2 1-	2 ACSR 6/1	0	0	934	172	14	1	1	0.00	3.39	0
11420143	11420094	5.47	1 1-	2 ACSR 6/1	0	0	913	172	7	0	1	0.00	3.40	0
11420059	11420065	5.21	2 1-	2 ACSR 6/1	0	0	970	173	12	1	1	0.00	3.39	0
11420067	11420059	5.25	1 1-	2 ACSR 6/1	0	0	960	173	11	1	1	0.00	3.39	0
11420069	11420068	4.95	2 1-	2 ACSR 6/1	0	0	1032	175	15	1	1	0.00	3.97	0
11520071	11520034	4.50	1 1-	2 ACSR 6/1	0	0	1142	178	8	0	1	0.00	3.20	0
11520058	11520110	4.44	1 1-	2 ACSR 6/1	0	0	1155	178	7	0	0	0.00	3.18	0
11520109	11520108	4.43	2 1-	2 ACSR 6/1	0	0	1157	178	12	1	1	0.00	3.35	0
11520104	11520108	4.42	16 1-	2 ACSR 6/1	0	0	1160	178	59	7	4	0.01	3.18	0
11520105	11520104	4.46	12 1-	2 ACSR 6/1	0	0	1149	178	49	6	4	0.01	3.19	0
11520041	11520105	4.47	11 1-	2 ACSR 6/1	0	0	1146	178	37	4	3	0.00	3.19	0
11520057	11520041	4.54	7 1-	2 ACSR 6/1	0	0	1124	177	21	2	1	0.00	3.20	0
11520064	11520057	4.61	2 1-	2 ACSR 6/1	0	0	1104	177	5	0	0	0.00	3.20	0
11520063	11520057	4.56	3 1-	2 ACSR 6/1	0	0	1117	177	10	1	1	0.00	3.20	0
11520045	11520041	4.52	2 1-	2 ACSR 6/1	0	0	1131	177	5	0	0	0.00	3.19	0
11520043	11520041	4.53	2 1-	2 ACSR 6/1	0	0	1125	177	11	1	1	0.00	3.19	0
11520044	11520043	4.59	1 1-	2 ACSR 6/1	0	0	1110	177	4	0	0	0.00	3.19	0
11520042	11520043	4.57	0 1-	2 ACSR 6/1	0	0	1115	177	0	0	0	0.00	3.19	0
11520107	11520106	4.36	2 1-	2 ACSR 6/1	0	0	1174	178	7	0	1	0.00	2.72	0
11520091	11520089	4.32	1 1-	2 ACSR 6/1	0	0	1182	178	9	1	1	0.00	3.21	0
11520090	11520089	4.28	2 1-	2 ACSR 6/1	0	0	1194	178	14	1	1	0.00	3.11	0
11520093	11520076	4.14	1 1-	2 ACSR 6/1	0	0	1229	179	10	1	1	0.00	3.05	0
11520077	11520076	4.15	7 1-	2 ACSR 6/1	0	0	1227	179	26	3	2	0.00	3.05	0
11520062	11520060	4.03	3 1-	2 ACSR 6/1	0	0	1262	179	10	1	1	0.00	3.00	0
11520059	11520092	3.92	1 1-	2 ACSR 6/1	0	0	1293	180	10	1	1	0.00	2.93	0
11520050	11520049	3.67	22 1-	2 ACSR 6/1	0	0	1360	180	99	12	7	0.04	2.69	3
11520051	11520050	3.70	21 1-	2 ACSR 6/1	0	0	1350	180	94	12	7	0.01	2.70	0
11520052	11520051	3.78	19 1-	2 ACSR 6/1	0	0	1315	179	87	11	6	0.03	2.72	2
11520055	11520052	3.86	12 1-	2 ACSR 6/1	0	0	1282	179	63	8	4	0.02	2.74	0
11520080	11520055	3.94	9 1-	2 ACSR 6/1	0	0	1253	178	53	6	4	0.01	2.76	0
11520081	11520080	4.01	8 1-	2 ACSR 6/1	0	0	1225	178	45	5	3	0.01	2.77	0
11520082	11520081	4.11	6 1-	2 ACSR 6/1	0	0	1189	177	36	4	3	0.01	2.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11520083	11520082	4.15	1 1-	2 ACSR 6/1	0	0	1176	177	8	0	1	0.00	2.78	0
11520035	11520082	4.21	5 1-	2 ACSR 6/1	0	0	1156	176	28	3	2	0.01	2.79	0
11520084	11520035	4.28	4 1-	2 ACSR 6/1	0	0	1133	176	20	2	1	0.00	2.79	0
11520085	11520084	4.42	2 1-	2 ACSR 6/1	0	0	1091	175	16	2	1	0.01	2.80	0
11520097	11520085	4.48	1 1-	2 ACSR 6/1	0	0	1073	174	5	0	0	0.00	2.80	0
11520078	11520035	4.35	1 1-	2 ACSR 6/1	0	0	1113	175	8	0	1	0.00	2.79	0
11520079	11520055	3.90	1 1-	2 ACSR 6/1	0	0	1269	179	5	0	0	0.00	2.74	0
11520038	11520052	3.82	6 1-	2 ACSR 6/1	0	0	1299	179	22	2	2	0.00	2.73	0
11520039	11520038	3.87	1 1-	2 ACSR 6/1	0	0	1277	179	4	0	0	0.00	2.73	0
11520053	11520039	3.92	0 1-	2 ACSR 6/1	0	0	1259	178	0	0	0	0.00	2.73	0
11520040	11520038	3.89	5 1-	2 ACSR 6/1	0	0	1273	179	17	2	1	0.00	2.73	0
11520111	11520040	3.95	4 1-	2 ACSR 6/1	0	0	1249	178	14	1	1	0.00	2.73	0
11520054	11520111	4.01	1 1-	2 ACSR 6/1	0	0	1227	178	3	0	0	0.00	2.73	0
11620097	11620021	2.79	1 1-	2 ACSR 6/1	0	0	1726	183	12	1	1	0.00	1.92	0
11720064	11720063	1.58	2 1-	2 ACSR 6/1	0	0	2490	186	6	0	0	0.00	1.48	0
11720067	11820075	1.30	2 1-	2 ACSR 6/1	0	0	2752	187	7	0	1	0.00	0.90	0
11720076	11720067	1.35	1 1-	2 ACSR 6/1	0	0	2670	187	5	0	0	0.00	0.90	0
11720075	11720067	1.34	1 1-	2 ACSR 6/1	0	0	2681	187	2	0	0	0.00	0.90	0
CKT 2 total losses:	\$7,167													
SUB 53, CKT 3														
BK5303	HINKLE(53)	0.00	465 3-	BK5303	5254	5355	5528	190	3685	155	41	0.00	0.00	0
11920010	BK5303	0.51	465 3-	336 ACSR 18/1	4303	4234	4012	189	3685	155	29	0.35	0.47	1128
17-02-P017-B	11920010	0.51	465 3-	Closed	4303	4234	4012	189	3674	155	0	0.00	0.47	0
17-02-P017-A	17-02-P017-B	0.51	465 3-	Closed	4303	4234	4012	189	3674	155	0	0.00	0.47	0
17020005	17-02-P017-A	0.58	465 3-	1/0 ACSR 6/1	4156	4071	3821	189	3674	155	68	0.15	0.63	479
17020024	17020005	0.73	33 3-	2 ACSR 6/1	3820	3692	3399	188	170	7	4	0.05	0.66	5
D17-02-P019	17020024	0.73	33 3-	REC-70-L	3820	3692	3399	188	170	7	10	0.00	0.66	0
17020027	D17-02-P019	1.79	33 3-	2 ACSR 6/1	2235	2034	1798	179	170	7	4	0.35	0.84	37
16190009	17020027	2.06	11 3-	2 ACSR 6/1	2006	1811	1599	177	98	4	2	0.02	0.87	3
20851997	16190009	2.35	10 3-	2 ACSR 6/1	1797	1610	1421	175	90	3	2	0.01	0.90	3
20851954	20851997	2.40	9 3-	2 ACSR 6/1	1766	1581	1395	175	90	3	2	0.00	0.90	0
20851953	20851954	2.48	7 3-	2 ACSR 6/1	1720	1538	1357	174	76	3	2	0.00	0.91	0
20851955	20851953	2.52	3 3-	2 ACSR 6/1	1697	1516	1338	174	52	2	1	0.00	0.91	0
20851956	20851955	2.55	2 3-	2 ACSR 6/1	1678	1498	1322	174	9	0	0	0.00	0.91	0
20851628	20851956	2.72	1 1-	2 ACSR 6/1	0	0	1247	173	3	0	0	0.00	0.94	0
20851627	20851956	2.59	1 1-	2 ACSR 6/1	0	0	1303	174	6	0	0	0.00	0.94	0
20851629	20851953	2.53	4 1-	2 ACSR 6/1	0	0	1330	174	24	3	2	0.00	1.27	0
16190011	20851629	2.69	2 1-	2 ACSR 6/1	0	0	1260	173	14	1	1	0.01	1.27	0
16290004	16190011	2.70	1 1-	2 ACSR 6/1	0	0	1256	173	6	0	0	0.00	1.27	0
16290003	16190011	2.73	0 1-	2 ACSR 6/1	0	0	1243	173	0	0	0	0.00	1.27	0
20851952	20851954	2.46	1 1-	2 ACSR 6/1	0	0	1366	175	11	1	1	0.00	1.26	0
20851633	16190009	2.16	1 1-	2 ACSR 6/1	0	0	1532	177	7	0	1	0.00	0.92	0
16190010	17020027	1.86	22 1-	2 ACSR 6/1	0	0	1740	179	72	9	5	0.02	0.92	0
D16-19-P021	16190010	1.86	1 1-	REC-50-L	0	0	1740	179	4	0	1	0.00	0.92	0
20851632	D16-19-P021	2.03	1 1-	2 ACSR 6/1	0	0	1616	178	4	0	0	0.00	0.92	0
D16-19-P021A	16190010	1.86	21 1-	REC-50-L	0	0	1740	179	68	8	17	0.00	0.92	0
20851626	D16-19-P021A	1.89	21 1-	2 ACSR 6/1	0	0	1715	179	68	8	5	0.01	0.92	0
20851630	20851626	1.95	20 1-	2 ACSR 6/1	0	0	1674	178	64	8	4	0.01	0.94	0
20851721	20851630	2.00	17 1-	2 ACSR 6/1	0	0	1638	178	57	7	4	0.01	0.95	0
20851722	20851721	2.04	2 1-	2 ACSR 6/1	0	0	1613	178	1	0	0	0.00	0.95	0
16190015	20851721	2.02	13 1-	2 ACSR 6/1	0	0	1625	178	51	6	4	0.00	0.95	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16190016	16190015	2.04	12 1-	2 ACSR 6/1	0	0	1606	178	48	6	3	0.00	0.95	0
20851723	16190016	2.17	7 1-	2 ACSR 6/1	0	0	1526	177	20	2	1	0.01	0.96	0
20851631	20851723	2.24	4 1-	2 ACSR 6/1	0	0	1483	176	15	1	1	0.00	0.96	0
16190014	20851631	2.29	1 1- 15 KV 2 URD XLP		0	0	1455	408	7	0	1	0.00	0.97	0
20851714	16190016	2.43	4 1-	2 ACSR 6/1	0	0	1382	175	27	3	2	0.03	0.99	0
16190012	20851714	2.71	3 1-	2 ACSR 6/1	0	0	1251	173	21	2	1	0.02	1.00	0
17120006	16190012	2.77	2 1-	2 ACSR 6/1	0	0	1226	172	12	1	1	0.00	1.01	0
17120007	17120006	2.86	1 1-	2 ACSR 6/1	0	0	1190	172	8	1	1	0.00	1.01	0
17020021	17020005	0.76	432 3-	1/0 ACSR 6/1	3797	3676	3377	188	3499	148	64	0.36	1.06	1161
17020022	17020021	0.81	431 3-	1/0 ACSR 6/1	3700	3571	3264	188	3482	148	64	0.11	1.18	340
17020009	17020022	0.82	430 3-	1/0 ACSR 6/1	3681	3550	3242	187	3477	147	64	0.02	1.21	68
17-02-P022-B	17020009	0.82	430 3-	Closed	3681	3550	3242	187	3477	147	0	0.00	1.21	0
17-02-P022-A	17-02-P022-B	0.82	430 3-	Closed	3681	3550	3242	187	3477	147	0	0.00	1.21	0
17020008	17-02-P022-A	0.93	430 3-	1/0 ACSR 6/1	3498	3353	3034	187	3477	147	64	0.21	1.46	687
17020030	17020008	1.12	1 3-	1/0 ACSR 6/1	3206	3043	2717	186	33	1	1	0.00	1.46	0
17020029	17020008	0.98	429 3-	1/0 ACSR 6/1	3421	3271	2949	187	3437	146	64	0.10	1.57	303
17020007	17020029	1.03	426 3-	1/0 ACSR 6/1	3339	3183	2859	186	1967	83	36	0.04	1.64	111
17020031	17020007	1.05	425 3-	1/0 ACSR 6/1	3308	3151	2826	186	1959	82	36	0.02	1.66	42
17020015	17020031	1.12	425 3-	1/0 ACSR 6/1	3203	3040	2714	186	1958	82	36	0.06	1.74	150
17120005	17020015	1.23	4 1-	2 ACSR 6/1	0	0	2539	185	20	2	1	0.01	1.43	0
17020032	17120005	1.25	2 1-	1/0 ACSR 6/1	0	0	2513	185	12	1	1	0.00	1.43	0
17020033	17020032	1.27	0 1-	1/0 ACSR 6/1	0	0	2485	185	0	0	0	0.00	1.43	0
17020034	17020033	1.44	0 1- 15 KV 2 URD XLP		0	0	2271	453	0	0	0	0.00	1.43	0
17020012	17120005	1.33	1 1-	2 ACSR 6/1	0	0	2403	184	3	0	0	0.00	1.43	0
17020013	17020012	1.37	0 1-	2 ACSR 6/1	0	0	2342	184	0	0	0	0.00	1.43	0
17120010	17020015	1.30	416 3-	1/0 ACSR 6/1	2975	2802	2479	185	1907	80	35	0.13	1.94	343
17120015	17120010	1.47	408 3-	1/0 ACSR 6/1	2773	2595	2278	184	1868	79	34	0.11	2.13	335
17120016	17120015	1.50	407 3-	1/0 ACSR 6/1	2739	2560	2245	184	1865	79	34	0.02	2.17	61
17120017	17120016	1.79	0 1-	2 ACSR 6/1	0	0	1942	182	0	0	0	0.00	3.01	0
17120020	17120016	1.56	406 3-	1/0 ACSR 6/1	2677	2497	2186	184	1859	79	34	0.04	2.23	113
17120022	17120020	1.60	1 1-	2 ACSR 6/1	0	0	2142	183	9	1	1	0.00	1.72	0
17120021	17120020	1.65	403 3-	1/0 ACSR 6/1	2586	2405	2099	183	1838	78	34	0.05	2.33	174
17120019	17120021	1.70	1 1-	2 ACSR 6/1	0	0	2053	183	2	0	0	0.00	1.77	0
17120018	17120021	1.73	2 1-	2 ACSR 6/1	0	0	2020	182	11	1	1	0.00	1.77	0
17120004	17120021	1.72	400 3-	1/0 ACSR 6/1	2522	2341	2038	183	1823	77	34	0.04	2.41	127
17120023	17120004	2.12	400 3-	1/0 ACSR 6/1	2200	2021	1744	181	1822	77	34	0.22	2.84	742
17120024	17120023	2.71	400 3-	1/0 ACSR 6/1	1840	1672	1430	178	1815	77	34	0.33	3.48	1118
20850058	17120024	2.81	398 3-	1/0 ACSR 6/1	1791	1625	1388	177	1791	77	33	0.05	3.58	181
20850059	20850058	2.89	396 3-	1/0 ACSR 6/1	1755	1590	1358	177	1776	76	33	0.04	3.66	139
20850061	20850059	2.97	393 3-	1/0 ACSR 6/1	1717	1554	1326	176	1757	75	33	0.04	3.75	150
D17-23-P002	20850061	2.97	17 1-	FUS	0	0	1326	176	54	7	162	0.00	5.57	0
17230001	D17-23-P002	3.08	17 1-	2 ACSR 6/1	0	0	1279	176	54	7	4	0.02	5.59	0
20850052	17230001	3.17	1 1-	2 ACSR 6/1	0	0	1244	175	6	0	0	0.00	5.59	0
20850014	17230001	3.17	15 1-	2 ACSR 6/1	0	0	1244	175	42	5	3	0.01	5.60	0
20850015	20850014	3.24	15 1-	2 ACSR 6/1	0	0	1217	174	42	5	3	0.01	5.62	0
20850270	20850015	3.30	13 1-	2 ACSR 6/1	0	0	1192	174	38	5	3	0.01	5.62	0
20850271	20850270	3.70	12 1-	2 ACSR 6/1	0	0	1062	171	31	4	2	0.04	5.67	0
17130011	20850271	3.75	4 1-	2 ACSR 6/1	0	0	1047	171	15	1	1	0.00	5.67	0
17130012	17130011	3.79	2 1-	2 ACSR 6/1	0	0	1035	170	13	1	1	0.00	5.67	0
17130010	20850271	3.75	1 1-	2 ACSR 6/1	0	0	1045	171	2	0	0	0.00	5.67	0
17130009	20850271	3.80	5 1-	2 ACSR 6/1	0	0	1031	170	8	1	1	0.00	5.67	0
17130015	17130009	3.91	3 1-	2 ACSR 6/1	0	0	1003	170	1	0	0	0.00	5.67	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
17130018	17130015	3.96	1 1-	2 ACSR 6/1	0	0	990	169	0	0	0	0.00	5.67	0
17130016	17130015	4.00	1 1-	2 ACSR 6/1	0	0	979	169	0	0	0	0.00	5.67	0
17130019	17130016	4.11	0 1-	2 ACSR 6/1	0	0	951	168	0	0	0	0.00	5.67	0
17130013	17130009	3.90	2 1-	2 ACSR 6/1	0	0	1004	170	7	0	1	0.00	5.67	0
17130014	17130013	3.94	1 1-	2 ACSR 6/1	0	0	994	169	2	0	0	0.00	5.67	0
20850269	20850015	3.34	1 1-	2 ACSR 6/1	0	0	1178	174	3	0	0	0.00	5.62	0
20850050	20850061	3.08	375 3-	1/0 ACSR 6/1	1672	1512	1289	176	1693	72	32	0.06	3.85	169
20850051	20850050	3.23	374 3-	1/0 ACSR 6/1	1609	1452	1236	175	1687	72	32	0.09	4.01	255
17220027	20850051	3.29	373 3-	1/0 ACSR 6/1	1586	1430	1217	175	1685	72	32	0.03	4.07	98
17220028	17220027	3.49	373 3-	1/0 ACSR 6/1	1512	1361	1157	174	1684	72	32	0.11	4.26	328
17220036	17220028	3.56	373 3-	1/0 ACSR 6/1	1489	1339	1137	173	1681	72	32	0.04	4.33	113
17220037	17220036	3.80	372 3-	1/0 ACSR 6/1	1411	1266	1075	172	1673	72	32	0.13	4.57	393
17220039	17220037	3.88	1 1-	2 ACSR 6/1	0	0	1052	172	3	0	0	0.00	2.95	0
17220038	17220037	3.89	1 1-	2 ACSR 6/1	0	0	1048	172	2	0	0	0.00	2.95	0
17220040	17220037	3.99	370 3-	1/0 ACSR 6/1	1356	1215	1030	171	1664	72	31	0.10	4.75	304
17220042	17220040	4.23	1 1-	2 ACSR 6/1	0	0	967	170	4	0	0	0.00	3.05	0
17220041	17220040	4.30	366 3-	1/0 ACSR 6/1	1274	1139	965	170	1653	71	31	0.16	5.05	498
D17-22-P014	17220041	4.30	23 1-	REC-35-H	0	0	965	170	147	19	56	0.00	7.70	0
17220044	D17-22-P014	4.45	23 1-	2 ACSR 6/1	0	0	929	169	147	19	11	0.08	7.78	10
17220032	17220044	4.55	22 1-	2 ACSR 6/1	0	0	906	168	143	19	11	0.06	7.84	7
17220045	17220032	4.67	21 1-	2 ACSR 6/1	0	0	881	167	140	18	10	0.06	7.90	7
17220047	17220045	4.73	18 1-	2 ACSR 6/1	0	0	869	167	116	15	9	0.03	7.93	3
17220048	17220047	4.81	2 1-	2 ACSR 6/1	0	0	853	166	20	2	1	0.00	7.93	0
17220049	17220048	4.86	1 1-	2 ACSR 6/1	0	0	845	166	12	1	1	0.00	7.94	0
17220025	17220049	4.93	1 1-	15 KV 2 URD XLP	0	0	832	349	12	1	1	0.00	7.94	0
17220034	17220047	4.76	15 1-	2 ACSR 6/1	0	0	864	167	88	11	7	0.01	7.94	0
20850057	17220034	4.89	13 1-	2 ACSR 6/1	0	0	839	166	76	10	6	0.04	7.97	2
20850056	20850057	5.02	10 1-	2 ACSR 6/1	0	0	815	165	61	8	5	0.03	8.00	2
17220031	20850056	5.13	9 1-	2 ACSR 6/1	0	0	797	164	53	7	4	0.02	8.03	0
17220017	17220031	5.19	4 1-	2 ACSR 6/1	0	0	787	164	24	3	2	0.00	8.03	0
17220018	17220017	5.25	2 1-	2 ACSR 6/1	0	0	777	163	11	1	1	0.00	8.03	0
17220019	17220018	5.29	1 1-	2 ACSR 6/1	0	0	770	163	7	0	0	0.00	8.03	0
17220021	17220031	5.24	4 1-	2 ACSR 6/1	0	0	779	163	27	3	2	0.01	8.03	0
17220020	17220021	5.39	1 1-	2 ACSR 6/1	0	0	755	162	4	0	0	0.00	8.04	0
17220022	17220021	5.28	2 1-	2 ACSR 6/1	0	0	772	163	10	1	1	0.00	8.04	0
17220023	17220022	5.34	1 1-	2 ACSR 6/1	0	0	763	163	4	0	0	0.00	8.04	0
17220029	20850056	5.06	1 1-	2 ACSR 6/1	0	0	809	165	8	1	1	0.00	8.01	0
17220030	17220029	5.09	0 1-	2 ACSR 6/1	0	0	804	164	0	0	0	0.00	8.01	0
20850055	20850057	4.95	1 1-	2 ACSR 6/1	0	0	828	165	8	1	1	0.00	7.97	0
17220016	17220034	4.86	2 1-	2 ACSR 6/1	0	0	845	166	12	1	1	0.00	7.94	0
17220026	17220016	4.95	2 1-	15 KV 2 URD XLP	0	0	828	348	12	1	1	0.00	7.94	0
17220046	17220045	4.70	2 1-	2 ACSR 6/1	0	0	875	167	21	2	2	0.00	7.90	0
17220033	17220046	4.77	1 1-	2 ACSR 6/1	0	0	861	167	12	1	1	0.00	7.91	0
17220043	17220041	4.33	0 3-	1/0 ACSR 6/1	1267	1131	958	170	0	0	0	0.00	5.05	0
17220024	17220041	4.34	343 3-	4/0 ACSR 6/1	1267	1132	958	170	1501	65	19	0.01	5.07	26
20850272	17220024	4.44	341 3-	4/0 ACSR 6/1	1250	1116	942	169	1486	64	19	0.02	5.11	60
20850273	20850272	4.48	340 3-	4/0 ACSR 6/1	1243	1109	936	169	1485	64	19	0.01	5.13	25
D17-32-P018	20850273	4.48	340 3-	REC-100-4H	1243	1109	936	169	1484	64	65	0.00	5.13	0
17320009	D17-32-P018	4.51	340 3-	4/0 ACSR 6/1	1237	1104	931	169	1484	64	19	0.01	5.14	22
17320014	17320009	4.58	17 3-	2 ACSR 6/1	1215	1084	915	169	184	8	5	0.01	5.15	2
17320015	17320014	4.92	16 3-	2 ACSR 6/1	1126	1000	846	166	111	4	3	0.02	5.19	5
20850485	17320015	5.07	9 1-	2 ACSR 6/1	0	0	820	165	46	6	3	0.02	7.96	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850487	20850485	5.11	8 1-	2 ACSR 6/1	0	0	812	165	34	4	3	0.01	7.97	0
20850486	20850487	5.19	4 1-	2 ACSR 6/1	0	0	798	165	21	2	2	0.00	7.97	0
20850462	20850487	5.15	3 1-	2 ACSR 6/1	0	0	806	165	5	0	0	0.00	7.97	0
20850463	20850462	5.16	2 1-	2 ACSR 6/1	0	0	804	165	2	0	0	0.00	7.97	0
17330002	20850462	5.18	1 1-	2 ACSR 6/1	0	0	800	165	3	0	0	0.00	7.97	0
20850482	17320015	5.04	7 3-	2 ACSR 6/1	1098	974	825	166	66	2	2	0.01	5.20	0
20850483	20850482	5.07	6 3-	2 ACSR 6/1	1091	967	820	165	20	0	0	0.00	5.20	0
20850484	20850483	5.13	2 3-	2 ACSR 6/1	1075	953	808	165	5	0	0	0.00	5.20	0
17320006	17320009	4.64	323 3-	4/0 ACSR 6/1	1216	1085	912	169	1300	56	17	0.03	5.18	60
17320007	17320006	4.97	1 3-	15 KV 2 URD XLP	1145	1021	863	353	18	0	0	0.01	5.19	0
20850274	17320007	5.01	1 3-	4/0 ACSR 6/1	1138	1015	857	166	18	0	0	0.00	5.19	0
17320008	17320006	4.70	322 3-	4/0 ACSR 6/1	1205	1075	903	169	1282	56	17	0.01	5.20	29
20850481	17320008	4.95	322 3-	15 KV 2 URD XLP	1152	1027	866	355	1282	56	33	0.34	5.56	436
20850290	20850481	5.15	320 3-	15 KV 2 URD XLP	1111	990	838	348	1271	55	33	0.27	5.85	345
20850161	20850290	5.22	320 3-	15 KV 2 URD XLP	1097	978	828	346	1268	55	33	0.09	5.95	117
20850284	20850161	5.44	319 3-	4/0 ACSR 6/1	1069	952	803	164	1266	55	16	0.04	6.02	99
17320016	20850284	5.48	318 3-	4/0 ACSR 6/1	1063	947	798	164	1263	55	16	0.01	6.03	21
17320018	17320016	5.54	1 1-	2 ACSR 6/1	0	0	788	163	2	0	0	0.00	4.06	0
17320017	17320016	5.56	317 3-	4/0 ACSR 6/1	1054	939	790	164	1260	55	16	0.01	6.06	33
20850285	17320017	5.66	315 3-	4/0 ACSR 6/1	1041	927	779	163	1257	55	16	0.02	6.09	48
D17-42-P008	20850285	5.66	11 1-	REC-50-H	0	0	779	163	44	5	12	0.00	4.10	0
20850913	D17-42-P008	5.93	11 1-	2 ACSR 6/1	0	0	737	162	44	5	3	0.04	4.14	1
20850915	20850913	6.10	7 1-	2 ACSR 6/1	0	0	714	160	30	3	2	0.02	4.15	0
20850781	20850915	6.21	3 1-	2 ACSR 6/1	0	0	700	160	16	2	1	0.00	4.16	0
20850782	20850781	6.68	2 1-	2 ACSR 6/1	0	0	643	157	9	1	1	0.02	4.18	0
20850970	20850782	7.32	2 1-	2 ACSR 6/1	0	0	579	153	9	1	1	0.02	4.20	0
20850971	20850970	7.36	1 1-	2 ACSR 6/1	0	0	575	153	7	0	1	0.00	4.20	0
20850780	20850915	6.17	2 1-	2 ACSR 6/1	0	0	704	160	4	0	0	0.00	4.16	0
20850779	20850915	6.14	1 1-	2 ACSR 6/1	0	0	709	160	3	0	0	0.00	4.16	0
20850762	20850779	6.16	1 1-	2 ACSR 6/1	0	0	705	160	3	0	0	0.00	4.16	0
20850914	20850913	5.99	1 1-	2 ACSR 6/1	0	0	729	161	4	0	0	0.00	4.14	0
17420017	20850285	5.74	304 3-	4/0 ACSR 6/1	1032	919	771	163	1212	53	16	0.01	6.11	31
17420020	17420017	5.79	1 3-	4/0 ACSR 6/1	1026	913	766	163	10	0	0	0.00	6.11	0
17420021	17420020	5.82	1 3-	4/0 ACSR 6/1	1023	910	762	163	10	0	0	0.00	6.11	0
20850286	17420021	5.84	1 3-	4/0 ACSR 6/1	1020	907	760	163	10	0	0	0.00	6.11	0
20850287	20850286	5.90	1 3-	4/0 ACSR 6/1	1013	901	754	163	10	0	0	0.00	6.11	0
20850464	17420021	5.88	0 1-	2 ACSR 6/1	0	0	753	162	0	0	0	0.00	4.11	0
20850783	17420017	5.82	303 3-	4/0 ACSR 6/1	1022	909	762	163	1202	53	16	0.01	6.14	38
20850968	20850783	5.89	299 3-	4/0 ACSR 6/1	1015	903	756	163	1194	52	16	0.01	6.16	25
20850969	20850968	5.98	299 3-	4/0 ACSR 6/1	1004	893	746	162	1193	52	16	0.01	6.19	41
17-42-P001-B	20850969	5.98	299 3-	Closed	1004	893	746	162	1193	52	0	0.00	6.19	0
17-42-P001-A	17-42-P001-B	5.98	299 3-	Closed	1004	893	746	162	1193	52	0	0.00	6.19	0
17420018	17-42-P001-A	6.07	299 3-	4/0 ACSR 6/1	994	884	738	162	1193	52	16	0.01	6.21	36
20851969	17420018	6.09	26 3-	4/0 ACSR 6/1	992	882	736	162	80	13	4	0.00	6.21	0
20851998	20851969	6.41	25 3-	4/0 ACSR 6/1	958	851	707	161	78	13	4	-0.04	6.17	9
16-49-P007-B	20851998	6.41	25 3-	Closed	958	851	707	161	78	13	0	0.00	6.17	0
16-49-P007-A	16-49-P007-B	6.41	25 3-	Closed	958	851	707	161	78	13	0	0.00	6.17	0
20851967	16-49-P007-A	6.51	25 3-	4/0 ACSR 6/1	948	842	698	161	78	13	4	-0.01	6.16	3
20851968	20851967	7.17	24 3-	4/0 ACSR 6/1	886	786	646	159	76	13	4	-0.07	6.07	18
20850191	20851968	7.27	23 3-	4/0 ACSR 6/1	878	778	639	159	75	13	4	-0.01	6.06	3
20850192	20850191	7.28	23 3-	4/0 ACSR 6/1	876	777	638	158	75	13	4	0.00	6.06	0
20850193	20850192	7.35	20 3-	4/0 ACSR 6/1	870	772	633	158	65	13	4	-0.01	6.05	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850194	20850193	7.43	18 3-	4/0 ACSR 6/1	864	766	627	158	57	13	4	-0.01	6.04	2
20850313	20850194	7.55	1 1-	2 ACSR 6/1	0	0	615	157	5	0	0	0.00	3.99	0
20850195	20850194	7.49	14 3-	4/0 ACSR 6/1	859	762	624	158	38	13	4	-0.01	6.03	1
C16-38-P41	20850195	7.49	0 3-	Capacitor	859	762	624	158	0	-13	0	0.00	6.03	0
16380017	20850195	7.55	14 3-	4/0 ACSR 6/1	854	757	620	158	38	1	0	0.00	6.03	0
20850278	16380017	7.61	3 1-	2 ACSR 6/1	0	0	613	157	8	1	1	0.00	3.99	0
20850279	20850278	7.71	0 1-	2 ACSR 6/1	0	0	604	157	0	0	0	0.00	3.99	0
20850417	16380017	7.74	1 1-	2 ACSR 6/1	0	0	600	157	2	0	0	0.00	9.06	0
16380018	16380017	7.81	9 3-	4/0 ACSR 6/1	833	738	602	157	26	1	0	0.00	6.03	0
20850230	16380018	7.87	8 3-	4/0 ACSR 6/1	829	734	599	157	25	1	0	0.00	6.03	0
20850231	20850230	7.92	6 3-	4/0 ACSR 6/1	824	731	595	157	13	0	0	0.00	6.03	0
20850232	20850231	7.98	5 3-	4/0 ACSR 6/1	820	727	592	156	10	0	0	0.00	6.03	0
20850233	20850232	8.09	3 3-	4/0 ACSR 6/1	812	719	585	156	7	0	0	0.00	6.03	0
20850234	20850233	8.21	2 3-	4/0 ACSR 6/1	803	711	578	156	7	0	0	0.00	6.03	0
20850189	20850234	8.28	1 3-	4/0 ACSR 6/1	798	707	574	156	2	0	0	0.00	6.03	0
16380019	20850189	8.38	1 1-	2 ACSR 6/1	0	0	566	155	2	0	0	0.00	5.06	0
16380020	16380019	8.72	1 1-	2 ACSR 6/1	0	0	538	153	2	0	0	0.00	5.06	0
20850190	16380020	8.73	0 1-	2 ACSR 6/1	0	0	537	153	0	0	0	0.00	5.06	0
16-38-P002-B	20850190	8.73	0 1-	Open	0	0	537	153	0	0	0	0.00	5.06	0
16380012	20850189	8.33	0 3-	4/0 ACSR 6/1	795	704	571	155	0	0	0	0.00	6.03	0
16-38-P042-B	16380012	8.33	0 3-	Open	795	704	571	155	0	0	0	0.00	6.03	0
20850229	16380018	7.89	1 1-	2 ACSR 6/1	0	0	595	156	1	0	0	0.00	5.05	0
20852053	17420018	6.15	273 3-	1/0 ACSR 6/1	983	873	729	162	1113	49	22	0.04	6.27	56
20850465	20852053	6.21	2 1-	2 ACSR 6/1	0	0	720	161	3	0	0	0.00	5.20	0
20850466	20850465	6.26	1 1-	2 ACSR 6/1	0	0	713	161	1	0	0	0.00	5.20	0
20850467	20852053	6.23	269 3-	1/0 ACSR 6/1	970	862	719	161	1107	49	21	0.05	6.34	62
20850468	20850467	6.35	268 3-	1/0 ACSR 6/1	953	846	707	161	1106	49	21	0.06	6.43	87
20850470	20850468	6.58	261 3-	1/0 ACSR 6/1	921	817	682	160	1082	48	21	0.13	6.60	168
20850829	20850470	6.72	255 3-	1/0 ACSR 6/1	904	801	669	159	1072	47	21	0.07	6.70	92
20850830	20850829	6.78	49 1-	2 ACSR 6/1	0	0	662	159	173	23	13	0.04	10.12	6
D17-42-P044	20850830	6.78	49 1-	REC-35-H	0	0	662	159	173	23	68	0.00	10.12	0
17420016	D17-42-P044	6.86	49 1-	2 ACSR 6/1	0	0	652	158	173	23	13	0.06	10.18	8
17420022	17420016	6.95	1 1-	2 ACSR 6/1	0	0	642	158	3	0	0	0.00	10.18	0
20850831	17420016	6.92	1 1-	2 ACSR 6/1	0	0	646	158	3	0	0	0.00	10.18	0
17420019	17420016	6.96	47 1-	2 ACSR 6/1	0	0	642	158	167	22	13	0.06	10.24	9
20850972	17420019	6.97	4 1-	2 ACSR 6/1	0	0	640	158	6	0	0	0.00	10.24	0
20850952	20850972	7.06	3 1-	2 ACSR 6/1	0	0	630	157	4	0	0	0.00	10.24	0
17520006	17420019	7.04	43 1-	2 ACSR 6/1	0	0	632	157	161	22	12	0.05	10.30	8
20851023	17520006	7.09	1 1-	2 ACSR 6/1	0	0	627	157	3	0	0	0.00	10.30	0
17520005	17520006	7.14	42 1-	2 ACSR 6/1	0	0	622	157	157	21	12	0.06	10.36	8
20851025	17520005	7.24	41 1-	2 ACSR 6/1	0	0	612	156	149	20	11	0.06	10.42	7
20851027	20851025	7.31	38 1-	2 ACSR 6/1	0	0	605	156	147	20	11	0.03	10.45	4
20851028	20851027	7.48	35 1-	2 ACSR 6/1	0	0	589	155	131	18	10	0.09	10.54	10
20851029	20851028	7.70	35 1-	2 ACSR 6/1	0	0	569	153	131	18	10	0.11	10.65	12
20851030	20851029	7.80	34 1-	2 ACSR 6/1	0	0	561	153	130	17	10	0.05	10.70	5
20851209	20851030	7.84	4 1-	2 ACSR 6/1	0	0	557	152	11	1	1	0.00	10.70	0
20851210	20851209	7.90	1 1-	2 ACSR 6/1	0	0	552	152	5	0	0	0.00	10.70	0
20851031	20851030	7.82	29 1-	2 ACSR 6/1	0	0	559	152	115	15	9	0.01	10.71	1
20851215	20851031	7.98	29 1-	2 ACSR 6/1	0	0	546	152	115	15	9	0.07	10.78	6
17530017	20851215	8.03	28 1-	2 ACSR 6/1	0	0	542	151	103	14	8	0.02	10.80	2
17530018	17530017	8.08	2 1-	2 ACSR 6/1	0	0	538	151	8	1	1	0.00	10.80	0
17530011	17530017	8.12	26 1-	2 ACSR 6/1	0	0	535	151	96	13	7	0.03	10.83	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
17530013	17530011	8.20	25 1-	2 ACSR 6/1	0	0	529	150	93	12	7	0.03	10.86	3
17530015	17530013	8.31	24 1-	2 ACSR 6/1	0	0	521	150	91	12	7	0.03	10.90	3
17530016	17530015	8.48	22 1-	2 ACSR 6/1	0	0	508	149	83	11	6	0.06	10.96	4
17530019	17530016	8.53	21 1-	2 ACSR 6/1	0	0	505	148	80	11	6	0.01	10.97	0
17530021	17530019	8.61	18 1-	2 ACSR 6/1	0	0	500	148	73	10	6	0.02	10.99	1
17530020	17530021	8.71	1 1-	2 ACSR 6/1	0	0	493	147	7	0	1	0.00	10.99	0
20851318	17530021	8.67	11 1-	2 ACSR 6/1	0	0	496	148	51	7	4	0.01	11.00	0
17530023	20851318	8.70	2 1-	2 ACSR 6/1	0	0	494	148	4	0	0	0.00	11.00	0
20851212	20851318	8.71	2 1-	2 ACSR 6/1	0	0	493	148	16	2	1	0.00	11.00	0
20851211	20851318	8.77	6 1-	2 ACSR 6/1	0	0	490	147	27	3	2	0.01	11.01	0
20851213	20851211	8.83	1 1-	2 ACSR 6/1	0	0	486	147	2	0	0	0.00	11.01	0
20851214	20851213	8.86	1 1-	2 ACSR 6/1	0	0	484	147	2	0	0	0.00	11.01	0
20851320	20851211	8.87	5 1-	2 ACSR 6/1	0	0	483	147	25	3	2	0.01	11.02	0
20851321	20851320	8.91	4 1-	2 ACSR 6/1	0	0	480	146	21	2	2	0.00	11.02	0
20851294	20851321	8.96	3 1-	2 ACSR 6/1	0	0	477	146	16	2	1	0.00	11.03	0
20851889	20851294	9.01	1 1-	2 ACSR 6/1	0	0	474	146	3	0	0	0.00	11.03	0
20851890	20851889	9.07	0 1-	2 ACSR 6/1	0	0	470	146	0	0	0	0.00	11.03	0
20851299	20851294	9.04	1 1-	2 ACSR 6/1	0	0	473	146	10	1	1	0.00	11.03	0
17530010	20851211	8.80	0 1-	2 ACSR 6/1	0	0	487	147	0	0	0	0.00	11.01	0
17530014	17530013	8.26	1 1-	2 ACSR 6/1	0	0	524	150	2	0	0	0.00	10.86	0
17530012	17530011	8.17	0 1-	2 ACSR 6/1	0	0	532	151	0	0	0	0.00	10.83	0
20851026	20851025	7.34	1 1-	2 ACSR 6/1	0	0	602	155	0	0	0	0.00	10.42	0
20851024	17520005	7.20	1 1-	2 ACSR 6/1	0	0	616	156	9	1	1	0.00	10.36	0
20850828	20850829	7.14	205 3-	1/0 ACSR 6/1	853	755	630	157	893	39	17	0.32	6.97	195
20850434	20850828	7.23	204 3-	1/0 ACSR 6/1	843	746	623	157	889	39	17	0.36	7.02	40
20851965	20850434	7.49	8 1-	2 ACSR 6/1	0	0	597	155	42	5	3	0.04	5.80	1
20851964	20851965	7.56	0 1-	2 ACSR 6/1	0	0	591	155	0	0	0	0.00	5.80	0
20851942	20851965	7.59	7 1-	2 ACSR 6/1	0	0	587	155	39	5	3	0.01	5.81	0
20851943	20851942	7.67	5 1-	2 ACSR 6/1	0	0	580	154	23	2	2	0.01	5.82	0
20851944	20851943	7.72	3 1-	2 ACSR 6/1	0	0	576	154	16	2	1	0.00	5.82	0
20851945	20851944	7.77	2 1-	2 ACSR 6/1	0	0	572	154	10	1	1	0.00	5.82	0
20851966	20851945	7.81	1 1-	2 ACSR 6/1	0	0	569	153	6	0	0	0.00	5.82	0
20850435	20850434	7.52	196 3-	1/0 ACSR 6/1	812	717	599	156	847	37	16	0.21	7.20	124
20850436	20850435	7.65	195 3-	1/0 ACSR 6/1	799	706	589	155	837	37	16	0.09	7.27	54
20850437	20850436	7.71	194 3-	1/0 ACSR 6/1	793	700	585	155	835	37	16	0.04	7.31	25
D16-59-P070	20850437	7.71	190 3-	REC-50-H	793	700	585	155	818	36	73	0.00	7.31	0
16590007	D16-59-P070	7.77	190 3-	1/0 ACSR 6/1	787	695	581	155	818	36	16	0.04	7.34	24
D16-59-P040	16590007	7.77	36 1-	REC-35-H	0	0	581	155	123	16	46	0.00	5.93	0
20850426	D16-59-P040	8.06	36 1-	2 ACSR 6/1	0	0	556	153	123	16	9	0.13	6.06	13
20850427	20850426	8.11	35 1-	2 ACSR 6/1	0	0	552	153	119	15	9	0.02	6.08	2
20850639	20850427	8.38	33 1-	2 ACSR 6/1	0	0	531	151	114	15	8	0.11	6.20	10
16590009	20850639	8.52	32 1-	2 ACSR 6/1	0	0	521	150	104	13	8	0.05	6.25	5
16590010	16590009	8.80	32 1-	2 ACSR 6/1	0	0	501	149	104	13	8	0.11	6.36	9
20850255	16590010	8.87	31 1-	2 ACSR 6/1	0	0	496	148	98	12	7	0.02	6.38	2
20850258	20850255	8.94	1 1-	2 ACSR 6/1	0	0	492	148	2	0	0	0.00	6.38	0
20850280	20850258	8.95	1 1-	2 ACSR 6/1	0	0	491	148	2	0	0	0.00	6.38	0
20850257	20850255	8.92	2 1-	2 ACSR 6/1	0	0	493	148	7	0	0	0.00	6.38	0
20850256	20850255	9.06	27 1-	2 ACSR 6/1	0	0	484	147	87	11	6	0.06	6.45	4
D16-58-P011	20850256	9.06	5 1-	FUS	0	0	484	147	12	1	35	0.00	6.45	0
20850477	D16-58-P011	9.35	5 1-	2 ACSR 6/1	0	0	467	146	12	1	1	0.01	6.46	0
16580007	20850477	9.63	4 1-	2 ACSR 6/1	0	0	451	144	8	1	1	0.01	6.47	0
16580008	16580007	9.74	4 1-	2 ACSR 6/1	0	0	445	144	8	1	1	0.00	6.47	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850478	16580008	9.96	2 1-	2 ACSR 6/1	0	0	433	142	0	0	0	0.00	6.47	0
20850479	20850478	10.03	1 1-	2 ACSR 6/1	0	0	430	142	0	0	0	0.00	6.47	0
20850480	20850479	10.12	1 1-	2 ACSR 6/1	0	0	426	142	0	0	0	0.00	6.47	0
16580006	20850480	10.20	1 1-	2 ACSR 6/1	0	0	421	141	0	0	0	0.00	6.47	0
20850432	20850478	10.02	1 1-	2 ACSR 6/1	0	0	430	142	0	0	0	0.00	6.47	0
16580004	20850256	9.54	22 1-	2 ACSR 6/1	0	0	456	145	75	9	6	0.13	6.58	8
16580003	16580004	9.68	21 1-	2 ACSR 6/1	0	0	448	144	71	9	5	0.04	6.62	2
16680015	16580003	9.76	5 1-	2 ACSR 6/1	0	0	444	144	21	2	2	0.01	6.63	0
16680016	16680015	9.83	4 1-	2 ACSR 6/1	0	0	440	143	15	2	1	0.00	6.63	0
D16-68-P010	16680016	9.83	4 1-	SEC-35-GH	0	0	440	143	15	2	0	0.00	6.63	0
16680013	D16-68-P010	10.13	4 1-	2 ACSR 6/1	0	0	425	142	15	2	1	0.02	6.65	0
16680017	16680013	10.25	2 1-	2 ACSR 6/1	0	0	419	141	8	1	1	0.00	6.65	0
16680019	16680017	10.29	1 1-	2 ACSR 6/1	0	0	417	141	4	0	0	0.00	6.65	0
16680012	16680013	10.26	2 1-	2 ACSR 6/1	0	0	418	141	8	1	1	0.00	6.65	0
16680018	16680012	10.71	2 1-	2 ACSR 6/1	0	0	398	139	8	1	1	0.01	6.66	0
16670001	16680018	11.00	1 1-	2 ACSR 6/1	0	0	386	137	2	0	0	0.00	6.66	0
16680020	16680012	10.31	0 1-	2 ACSR 6/1	0	0	416	141	0	0	0	0.00	6.65	0
16680008	16580003	9.78	16 1-	2 ACSR 6/1	0	0	443	143	50	6	4	0.02	6.64	0
D16-68-P015A	16680008	9.78	15 1-	SEC-25-GH	0	0	443	143	43	5	0	0.00	6.64	0
16680014	D16-68-P015A	9.87	15 1-	2 ACSR 6/1	0	0	438	143	43	5	3	0.01	6.65	0
16680022	16680014	9.89	2 1-	2 ACSR 6/1	0	0	437	143	10	1	1	0.00	6.65	0
16680009	16680014	9.95	13 1-	2 ACSR 6/1	0	0	434	142	33	4	2	0.01	6.66	0
16680023	16680009	10.06	1 1-	2 ACSR 6/1	0	0	428	142	3	0	0	0.00	6.67	0
16680010	16680009	10.12	12 1-	2 ACSR 6/1	0	0	425	142	30	4	2	0.02	6.68	0
16680024	16680010	10.30	1 1-	2 ACSR 6/1	0	0	417	141	0	0	0	0.00	6.68	0
16680011	16680010	10.33	11 1-	2 ACSR 6/1	0	0	416	141	30	3	2	0.02	6.71	0
16680026	16680011	10.43	10 1-	2 ACSR 6/1	0	0	411	140	27	3	2	0.01	6.72	0
16690025	16680026	10.59	8 1-	2 ACSR 6/1	0	0	404	139	19	2	1	0.01	6.73	0
20851334	16690025	10.78	7 1-	2 ACSR 6/1	0	0	396	138	15	2	1	0.01	6.74	0
20851335	20851334	10.84	6 1-	2 ACSR 6/1	0	0	393	138	12	1	1	0.00	6.74	0
16790006	20851335	10.90	5 1-	2 ACSR 6/1	0	0	390	138	8	1	1	0.00	6.74	0
16790007	16790006	10.93	4 1-	2 ACSR 6/1	0	0	389	138	6	0	0	0.00	6.74	0
20851476	16790007	11.48	3 1-	2 ACSR 6/1	0	0	368	135	6	0	0	0.01	6.75	0
20851475	20851476	11.56	3 1-	2 ACSR 6/1	0	0	365	135	6	0	0	0.00	6.75	0
D16-78-P008	20851475	11.56	1 1-	FUS	0	0	365	135	1	0	3	0.00	6.75	0
16780001	D16-78-P008	12.00	1 1-	2 ACSR 6/1	0	0	350	133	1	0	0	0.00	6.75	0
20851333	16780001	12.06	0 1-	2 ACSR 6/1	0	0	348	132	0	0	0	0.00	6.75	0
20851336	20851335	10.88	1 1-	2 ACSR 6/1	0	0	391	138	4	0	0	0.00	6.74	0
16680025	16680011	10.46	1 1-	2 ACSR 6/1	0	0	409	140	3	0	0	0.00	6.71	0
16680021	16680008	9.86	1 1-	2 ACSR 6/1	0	0	439	143	7	0	1	0.00	6.64	0
20850433	16580004	9.58	1 1-	2 ACSR 6/1	0	0	454	144	3	0	0	0.00	6.58	0
16590005	16590007	8.03	154 3-	1/0 ACSR 6/1	763	673	563	154	695	31	14	0.16	7.47	96
20850693	16590005	8.08	9 1-	2 ACSR 6/1	0	0	558	153	54	7	4	0.01	11.05	0
20850694	20850693	8.12	8 1-	2 ACSR 6/1	0	0	555	153	42	5	3	0.01	11.05	0
20850644	20850694	8.21	2 1-	2 ACSR 6/1	0	0	548	153	11	1	1	0.00	11.05	0
20850643	20850694	8.28	1 1-	2 ACSR 6/1	0	0	542	152	1	0	0	0.00	11.05	0
20850642	20850694	8.16	1 1-	2 ACSR 6/1	0	0	552	153	7	0	1	0.00	11.05	0
20850641	20850694	8.17	1 1-	2 ACSR 6/1	0	0	551	153	9	1	1	0.00	11.05	0
20850640	20850694	8.20	1 1-	2 ACSR 6/1	0	0	548	153	3	0	0	0.00	11.05	0
20850692	20850694	8.18	1 1-	2 ACSR 6/1	0	0	550	153	6	0	0	0.00	11.05	0
16590008	16590005	8.18	145 3-	1/0 ACSR 6/1	750	661	552	153	640	28	12	0.10	7.53	49
20850662	16590008	8.27	1 1-	2 ACSR 6/1	0	0	545	152	13	1	1	0.00	5.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16590006	16590008	8.45	144 3-	1/0 ACSR 6/1	727	641	535	152	627	28	12	0.18	7.65	82
16690020	16590006	8.49	142 3-	1/0 ACSR 6/1	724	638	533	152	618	27	12	0.03	7.67	12
16690021	16690020	8.78	140 3-	1/0 ACSR 6/1	700	617	515	150	617	27	12	0.19	7.80	87
16690016	16690021	8.81	1 1-	2 ACSR 6/1	0	0	513	150	6	0	0	0.00	5.94	0
16690015	16690021	8.82	1 1-	2 ACSR 6/1	0	0	513	150	3	0	0	0.00	11.57	0
16690013	16690021	8.88	138 3-	1/0 ACSR 6/1	693	610	510	150	608	27	12	0.06	7.84	27
16690017	16690013	8.92	4 1-	2 ACSR 6/1	0	0	507	150	17	2	1	0.00	11.64	0
16690018	16690017	8.96	3 1-	2 ACSR 6/1	0	0	505	150	13	1	1	0.00	11.64	0
16690008	16690013	9.00	134 3-	1/0 ACSR 6/1	684	602	503	150	590	26	12	0.08	7.89	34
16690022	16690008	9.06	1 1-	2 ACSR 6/1	0	0	499	149	10	1	1	0.00	11.72	0
16690009	16690008	9.05	1 1-	2 ACSR 6/1	0	0	500	149	5	0	0	0.00	6.08	0
16690019	16690009	9.17	1 1-	2 ACSR 6/1	0	0	492	149	5	0	0	0.00	6.08	0
16690010	16690009	9.19	0 1-	2 ACSR 6/1	0	0	491	149	0	0	0	0.00	6.08	0
16690024	16690010	9.25	0 1-	2 ACSR 6/1	0	0	487	148	0	0	0	0.00	6.08	0
16690023	16690010	9.23	0 1-	2 ACSR 6/1	0	0	489	148	0	0	0	0.00	6.08	0
16690011	16690008	9.09	132 3-	1/0 ACSR 6/1	677	596	498	149	575	25	11	0.06	7.92	23
16690026	16690011	9.19	132 3-	1/0 ACSR 6/1	671	590	493	149	575	25	11	0.06	7.96	25
17620035	16690026	9.30	132 3-	1/0 ACSR 6/1	663	583	487	148	575	25	11	0.07	8.01	29
17620020	17620035	9.35	131 3-	1/0 ACSR 6/1	659	580	485	148	569	25	11	0.03	8.03	14
17620021	17620020	9.40	129 3-	1/0 ACSR 6/1	656	577	482	148	566	25	11	0.03	8.05	12
17620024	17620021	9.47	126 3-	1/0 ACSR 6/1	651	573	479	148	548	24	11	0.05	8.08	18
D17-62-P072	17620024	9.47	7 1-	FUS	0	0	479	148	37	5	118	0.00	12.01	0
17620026	D17-62-P072	9.53	7 1-	2 ACSR 6/1	0	0	475	147	37	5	3	0.01	12.02	0
17620027	17620026	9.62	6 1-	2 ACSR 6/1	0	0	470	147	27	3	2	0.01	12.03	0
17620028	17620027	9.71	6 1-	2 ACSR 6/1	0	0	465	146	27	3	2	0.01	12.04	0
17620029	17620028	9.74	4 1-	2 ACSR 6/1	0	0	463	146	19	2	1	0.00	12.04	0
17620030	17620029	9.78	2 1-	2 ACSR 6/1	0	0	461	146	7	0	1	0.00	12.04	0
20851216	17620030	9.85	1 1-	2 ACSR 6/1	0	0	456	146	4	0	0	0.00	12.04	0
20851133	20851216	10.00	0 1-	2 ACSR 6/1	0	0	449	145	0	0	0	0.00	12.04	0
17620019	20851133	10.07	0 1-	2 ACSR 6/1	0	0	445	144	0	0	0	0.00	12.04	0
17620018	20851133	10.04	0 1-	2 ACSR 6/1	0	0	447	145	0	0	0	0.00	12.04	0
17620025	17620024	9.57	118 3-	1/0 ACSR 6/1	645	567	474	147	502	22	10	0.07	8.11	21
20851144	17620025	9.64	115 3-	1/0 ACSR 6/1	640	563	471	147	490	21	10	0.05	8.13	15
20851354	20851144	9.70	114 3-	1/0 ACSR 6/1	636	559	468	147	484	21	9	0.04	8.15	14
20851355	20851354	9.79	113 3-	1/0 ACSR 6/1	631	555	464	146	478	21	9	0.06	8.18	18
17620033	20851355	9.81	112 3-	1/0 ACSR 6/1	629	553	462	146	470	21	9	0.02	8.19	6
17620034	17620033	9.87	111 3-	1/0 ACSR 6/1	626	550	460	146	462	20	9	0.04	8.21	11
20851356	17620034	9.93	110 3-	1/0 ACSR 6/1	622	547	457	146	451	20	9	0.04	8.23	13
20851357	20851356	9.99	109 3-	1/0 ACSR 6/1	619	544	454	146	448	20	9	0.04	8.25	12
20851358	20851357	10.01	2 1-	2 ACSR 6/1	0	0	453	146	10	1	1	0.00	6.73	0
20851486	20851357	10.02	107 3-	1/0 ACSR 6/1	617	542	453	146	437	19	9	0.02	8.26	5
20851487	20851486	10.05	106 3-	1/0 ACSR 6/1	615	540	452	145	427	19	8	0.02	8.26	6
20851492	20851487	10.10	4 1-	2 ACSR 6/1	0	0	449	145	15	2	1	0.00	12.29	0
20851493	20851492	10.16	3 1-	2 ACSR 6/1	0	0	446	145	9	1	1	0.00	12.29	0
20851494	20851493	10.20	2 1-	2 ACSR 6/1	0	0	444	145	7	0	1	0.00	12.29	0
20851488	20851487	10.11	101 3-	1/0 ACSR 6/1	612	537	449	145	409	18	8	0.04	8.28	12
20851489	20851488	10.21	98 3-	1/0 ACSR 6/1	606	532	445	145	402	18	8	0.07	8.31	20
D17-62-P105	20851489	10.21	98 2-	REC-15-H	0	0	573	445	402	27	181	0.00	9.62	0
20851495	D17-62-P105	10.27	29 1-	2 ACSR 6/1	0	0	442	145	111	15	9	0.02	12.38	2
20851883	20851495	10.31	1 1-	2 ACSR 6/1	0	0	440	144	7	0	1	0.00	12.38	0
20851496	20851495	10.35	27 1-	2 ACSR 6/1	0	0	438	144	97	13	7	0.03	12.41	3
20851885	20851496	10.39	1 1-	2 ACSR 6/1	0	0	436	144	1	0	0	0.00	12.41	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851884	20851496	10.41	1 1-	2 ACSR 6/1	0	0	435	144	5	0	0	0.00	12.41	0
20851737	20851496	10.43	23 1-	2 ACSR 6/1	0	0	434	144	90	12	7	0.03	12.44	2
20851738	20851737	10.51	20 1-	2 ACSR 6/1	0	0	430	143	85	11	7	0.03	12.47	2
20851742	20851738	10.59	18 1-	2 ACSR 6/1	0	0	426	143	73	10	6	0.02	12.49	1
20851744	20851742	10.64	2 1-	2 ACSR 6/1	0	0	423	143	10	1	1	0.00	12.49	0
20851745	20851744	10.70	1 1-	2 ACSR 6/1	0	0	420	142	7	1	1	0.00	12.49	0
20851743	20851742	10.69	14 1-	2 ACSR 6/1	0	0	421	142	58	8	5	0.02	12.51	1
20851916	20851743	10.93	11 1-	2 ACSR 6/1	0	0	410	141	52	7	4	0.04	12.56	2
20852119	20851916	10.98	8 1-	2 ACSR 6/1	0	0	407	141	33	4	3	0.01	12.56	0
20851960	20852119	11.02	7 1-	2 ACSR 6/1	0	0	406	141	25	3	2	0.00	12.57	0
20851970	20851960	11.09	4 1-	2 ACSR 6/1	0	0	403	140	14	2	1	0.00	12.57	0
20851886	20851970	11.21	3 1-	2 ACSR 6/1	0	0	398	140	6	0	0	0.00	12.57	0
20851887	20851886	11.31	2 1-	2 ACSR 6/1	0	0	394	139	3	0	0	0.00	12.57	0
20851736	20851887	11.42	0 1-	2 ACSR 6/1	0	0	389	139	0	0	0	0.00	12.57	0
17630009	20851916	10.95	1 1-	2 ACSR 6/1	0	0	409	141	6	0	0	0.00	12.56	0
17630010	17630009	10.99	1 1-	2 ACSR 6/1	0	0	407	141	6	0	0	0.00	12.56	0
20851775	20851743	10.75	3 1-	2 ACSR 6/1	0	0	418	142	6	0	0	0.00	12.51	0
20851490	D17-62-P105	10.28	69 1-	2 ACSR 6/1	0	0	444	144	291	38	22	0.08	6.96	19
20851491	20851490	10.61	68 1-	2 ACSR 6/1	0	0	425	143	288	38	21	0.35	7.31	84
17720003	20851491	10.85	65 1-	2 ACSR 6/1	0	0	413	141	272	36	20	0.25	7.56	58
17720004	17720003	11.08	65 1-	2 ACSR 6/1	0	0	403	140	271	36	20	0.23	7.80	53
20852012	17720004	11.15	56 1-	2 ACSR 6/1	0	0	400	140	228	30	17	0.06	7.86	11
20852013	20852012	11.22	54 1-	2 ACSR 6/1	0	0	397	140	212	28	16	0.05	7.91	9
20852014	20852013	11.25	35 1-	2 ACSR 6/1	0	0	396	139	140	18	10	0.02	7.93	2
20852319	20852014	11.29	4 1-	2 ACSR 6/1	0	0	394	139	20	2	2	0.00	7.93	0
17720002	20852014	11.29	31 1-	2 ACSR 6/1	0	0	394	139	120	16	9	0.02	7.95	2
20852202	17720002	11.36	28 1-	2 ACSR 6/1	0	0	391	139	110	14	8	0.03	7.98	3
17720005	20852202	11.49	27 1-	2 ACSR 6/1	0	0	386	138	107	14	8	0.06	8.03	5
17820001	17720005	12.33	27 1-	2 ACSR 6/1	0	0	355	134	107	14	8	0.34	8.37	31
20852218	17820001	12.39	25 1-	2 ACSR 6/1	0	0	353	134	100	13	7	0.02	8.40	2
20852219	20852218	12.48	24 1-	2 ACSR 6/1	0	0	350	134	99	13	7	0.03	8.43	3
20852220	20852219	12.55	4 1-	2 ACSR 6/1	0	0	348	133	11	1	1	0.00	8.43	0
17920002	20852219	12.56	20 1-	2 ACSR 6/1	0	0	348	133	88	11	7	0.03	8.46	2
17920003	17920002	12.62	8 1-	2 ACSR 6/1	0	0	346	133	31	4	2	0.01	8.46	0
17920004	17920003	12.67	6 1-	2 ACSR 6/1	0	0	344	133	18	2	1	0.00	8.47	0
17920014	17920004	12.71	5 1-	2 ACSR 6/1	0	0	343	132	18	2	1	0.00	8.47	0
17920005	17920014	12.75	3 1-	2 ACSR 6/1	0	0	341	132	12	1	1	0.00	8.47	0
17920006	17920005	12.80	2 1-	2 ACSR 6/1	0	0	340	132	7	0	1	0.00	8.47	0
17920007	17920002	12.64	12 1-	2 ACSR 6/1	0	0	345	133	57	7	4	0.02	8.47	0
17920011	17920007	12.75	6 1-	2 ACSR 6/1	0	0	342	132	30	4	2	0.01	8.48	0
17920012	17920011	12.91	2 1-	2 ACSR 6/1	0	0	337	132	14	1	1	0.00	8.49	0
17920009	17920007	12.68	3 1-	2 ACSR 6/1	0	0	344	133	14	1	1	0.00	8.48	0
17920010	17920010	12.70	3 1-	2 ACSR 6/1	0	0	343	133	14	1	1	0.00	8.48	0
17920013	17920010	12.75	1 1-	2 ACSR 6/1	0	0	342	132	7	0	1	0.00	8.48	0
17920008	17920007	12.73	2 1-	2 ACSR 6/1	0	0	342	132	4	0	0	0.00	8.48	0
20852217	17820001	12.36	2 1-	2 ACSR 6/1	0	0	354	134	7	0	1	0.00	8.37	0
20852015	20852013	11.26	6 1-	2 ACSR 6/1	0	0	395	139	27	3	2	0.00	7.92	0
20852016	20852015	11.29	5 1-	2 ACSR 6/1	0	0	394	139	19	2	1	0.00	7.92	0
20852017	20852013	11.30	11 1-	2 ACSR 6/1	0	0	394	139	38	5	3	0.01	7.92	0
20852201	20852017	11.33	9 1-	2 ACSR 6/1	0	0	393	139	28	3	2	0.00	7.93	0
20852215	20852201	11.38	7 1-	2 ACSR 6/1	0	0	391	139	25	3	2	0.00	7.93	0
20852216	20852215	11.44	5 1-	2 ACSR 6/1	0	0	388	139	15	2	1	0.00	7.93	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852250	20852216	11.51	4 1-	2 ACSR 6/1	0	0	385	138	10	1	1	0.00	7.94	0
20852210	20852250	11.59	2 1-	2 ACSR 6/1	0	0	382	138	3	0	0	0.00	7.94	0
20852211	20852210	11.66	2 1-	2 ACSR 6/1	0	0	380	137	3	0	0	0.00	7.94	0
20852212	20852211	11.74	2 2-	2 ACSR 6/1	0	0	376	137	3	0	0	0.00	7.94	0
20852213	20852212	11.84	0 1-	2 ACSR 6/1	0	0	372	137	0	0	0	0.00	7.94	0
17830002	20852210	11.79	0 1-	2 ACSR 6/1	0	0	375	137	0	0	0	0.00	7.94	0
20852200	20852017	11.34	1 1-	2 ACSR 6/1	0	0	392	139	9	1	1	0.00	7.93	0
20851973	17720004	11.19	9 1-	2 ACSR 6/1	0	0	399	140	43	5	3	0.02	7.81	0
20851976	20851973	11.22	5 1-	2 ACSR 6/1	0	0	397	140	20	2	1	0.00	7.82	0
20851977	20851976	11.26	3 1-	2 ACSR 6/1	0	0	396	139	10	1	1	0.00	7.82	0
20852214	20851977	11.39	2 1-	2 ACSR 6/1	0	0	390	139	7	0	1	0.00	7.82	0
20851974	20851973	11.24	3 1-	2 ACSR 6/1	0	0	396	139	20	2	1	0.00	7.82	0
20851975	20851974	11.28	2 1-	2 ACSR 6/1	0	0	395	139	15	1	1	0.00	7.82	0
20851971	20851491	10.62	3 1-	2 ACSR 6/1	0	0	424	143	16	2	1	0.00	7.31	0
20851972	20851971	10.67	2 1-	2 ACSR 6/1	0	0	422	142	15	1	1	0.00	7.31	0
20851143	17620025	9.60	3 1-	2 ACSR 6/1	0	0	472	147	12	1	1	0.00	12.06	0
17620023	17620021	9.43	3 1-	2 ACSR 6/1	0	0	480	148	18	2	1	0.00	11.97	0
17620022	17620021	9.43	0 1-	2 ACSR 6/1	0	0	480	148	0	0	0	0.00	6.33	0
16690012	16690021	8.80	0 1-	2 ACSR 6/1	0	0	514	150	0	0	0	0.00	11.57	0
16690014	16590006	8.51	2 1-	2 ACSR 6/1	0	0	530	151	8	1	1	0.00	5.72	0
20850422	20850437	7.83	4 1-	2 ACSR 6/1	0	0	574	154	17	2	1	0.01	5.92	0
20850423	20850422	7.96	4 1-	2 ACSR 6/1	0	0	563	153	17	2	1	0.01	5.93	0
20850425	20850423	8.00	1 1-	2 ACSR 6/1	0	0	560	153	5	0	0	0.00	5.93	0
20850424	20850423	8.03	1 1-	2 ACSR 6/1	0	0	557	153	2	0	0	0.00	5.93	0
20850883	20850470	6.63	5 1-	2 ACSR 6/1	0	0	677	160	7	1	1	0.00	9.93	0
20850884	20850883	6.67	5 1-	2 ACSR 6/1	0	0	671	159	7	1	1	0.00	9.93	0
20850469	20850468	6.40	4 1-	2 ACSR 6/1	0	0	700	161	11	1	1	0.00	9.66	0
20850784	20850783	5.91	3 1-	2 ACSR 6/1	0	0	748	162	5	0	0	0.00	9.22	0
20850967	20850784	5.96	1 1-	2 ACSR 6/1	0	0	741	162	2	0	0	0.00	9.22	0
20850283	20850161	5.23	1 3-	4/0 ACSR 6/1	1095	977	827	165	1	0	0	0.00	5.95	0
20850289	20850481	5.23	2 3-	15 KV 2 URD XLP	1095	976	827	346	7	0	0	0.00	5.56	0
20850275	20850289	5.37	1 1-	15 KV 2 URD XLP	0	0	802	340	0	0	0	0.00	3.65	0
20850288	20850481	5.02	0 1-	15 KV 2 URD XLP	0	0	853	352	0	0	0	0.00	3.65	0
17220035	17220028	3.79	0 1-	2 ACSR 6/1	0	0	1062	172	0	0	0	0.00	2.78	0
20850060	20850059	2.99	2 1-	2 ACSR 6/1	0	0	1311	176	9	1	1	0.00	3.12	0
17230004	20850060	3.06	1 1-	2 ACSR 6/1	0	0	1282	175	0	0	0	0.00	3.12	0
17230003	20850060	3.08	1 1-	2 ACSR 6/1	0	0	1271	175	9	1	1	0.00	3.12	0
17130008	17120024	2.76	1 1-	2 ACSR 6/1	0	0	1405	177	9	1	1	0.00	2.36	0
17130007	17120024	2.80	1 1-	2 ACSR 6/1	0	0	1388	177	5	0	0	0.00	5.12	0
17120012	17120010	1.36	4 1-	2 ACSR 6/1	0	0	2393	184	21	2	1	0.00	1.55	0
17120014	17120012	1.40	1 1-	2 ACSR 6/1	0	0	2339	184	3	0	0	0.00	1.55	0
17120013	17120012	1.40	2 1-	2 ACSR 6/1	0	0	2332	184	6	0	0	0.00	1.55	0
17120011	17120010	1.37	2 1-	2 ACSR 6/1	0	0	2376	184	13	1	1	0.00	1.55	0
17120009	17020015	1.16	1 1-	2 ACSR 6/1	0	0	2649	186	10	1	1	0.00	1.48	0
17120008	17020015	1.14	1 1-	2 ACSR 6/1	0	0	2689	186	6	0	0	0.00	1.42	0
17020014	17020031	1.30	0 1-	2 ACSR 6/1	0	0	2419	184	0	0	0	0.00	2.20	0
17020025	17020029	1.05	2 3-	1/0 ACSR 6/1	3316	3159	2835	186	204	8	4	0.01	1.58	2
17020170	17020025	1.05	2 3-	Consumer	3316	3159	2835	186	204	8	0	0.00	1.58	0
17020026	17020025	1.12	0 3-	1/0 ACSR 6/1	3203	3040	2715	186	0	0	0	0.00	1.58	0
17020011	17020026	1.24	0 3-	1/0 ACSR 6/1	3046	2876	2551	185	0	0	0	0.00	1.58	0
17020010	17020011	1.25	0 3-	1/0 ACSR 6/1	3033	2863	2539	185	0	0	0	0.00	1.58	0
NEW LP6	17020029	0.98	1 3-	Consumer	0	0	0	0	1264	56	0	0.00	1.57	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CTK 3 total losses: \$13,770														
SUB 53, CKT 4														
BK5304	HINKLE(53)	0.00	327 3-	BK5304	5254	5355	5528	190	1574	66 35	0.00	0.00	0.00	0
11920022	BK5304	0.03	327 3-	4/0 ACSR 6/1	5177	5267	5393	190	1574	66 19	0.01	0.02	0.19	19
11920023	11920022	0.49	327 3-	4/0 ACSR 6/1	4167	4105	3838	189	1574	66 19	0.09	0.28	312	312
10890076	11920023	0.57	327 3-	4/0 ACSR 6/1	4023	3945	3646	188	1571	66 19	0.02	0.32	55	55
D10-89-P005	10890076	0.57	21 1-	FUS-50	0	0	3646	188	78	9 21	0.00	0.11	0	0
10890066	D10-89-P005	0.70	21 1-	2 ACSR 6/1	0	0	3292	187	78	9 5	0.04	0.15	2	2
10990019	10890066	0.74	19 1-	2 ACSR 6/1	0	0	3194	187	74	9 5	0.01	0.16	0	0
10990020	10990019	0.77	3 1-	2 ACSR 6/1	0	0	3125	187	8	1 1	0.00	0.16	0	0
10990028	10990019	0.79	16 1-	2 ACSR 6/1	0	0	3102	187	66	8 5	0.01	0.17	0	0
10990030	10990028	0.84	1 1-	2 ACSR 6/1	0	0	2980	186	0	0 0	0.00	0.17	0	0
10990029	10990028	0.82	15 1-	2 ACSR 6/1	0	0	3027	186	66	8 5	0.01	0.17	0	0
10990021	10990029	0.88	13 1-	2 ACSR 6/1	0	0	2896	186	60	7 4	0.01	0.19	0	0
10990024	10990021	0.92	11 1-	2 ACSR 6/1	0	0	2824	186	46	5 3	0.01	0.19	0	0
10990018	10990024	0.97	1 1-	2 ACSR 6/1	0	0	2737	185	11	1 1	0.00	0.19	0	0
10990017	10990024	0.95	5 1-	2 ACSR 6/1	0	0	2762	185	24	3 2	0.00	0.19	0	0
10990023	10990017	1.00	3 1-	2 ACSR 6/1	0	0	2687	185	15	1 1	0.00	0.20	0	0
10990022	10990023	1.06	2 1-	2 ACSR 6/1	0	0	2586	185	10	1 1	0.00	0.20	0	0
10890061	10890076	0.61	1 1-	2 ACSR 6/1	0	0	3520	188	8	0 1	0.00	0.44	0	0
10890062	10890076	0.63	303 3-	4/0 ACSR 6/1	3927	3838	3521	188	1481	62 18	0.00	0.36	37	37
10890063	10890062	0.71	299 3-	4/0 ACSR 6/1	3792	3689	3349	188	1475	62 18	0.01	0.40	55	55
10890065	10890063	0.78	297 3-	4/0 ACSR 6/1	3687	3574	3218	188	1472	62 18	0.00	0.44	45	45
10890041	10890065	0.83	295 3-	4/0 ACSR 6/1	3614	3495	3130	188	1458	61 18	0.00	0.47	32	32
10890042	10890041	0.92	295 3-	4/0 ACSR 6/1	3502	3374	2997	187	1458	61 18	0.00	0.51	52	52
10890043	10890042	1.00	294 3-	4/0 ACSR 6/1	3396	3261	2875	187	1454	61 18	0.00	0.55	52	52
10890044	10890043	1.08	293 3-	4/0 ACSR 6/1	3304	3183	2770	187	1450	61 18	0.00	0.59	48	48
10890045	10890044	1.11	292 3-	4/0 ACSR 6/1	3262	3119	2724	187	1450	61 18	0.00	0.61	22	22
10890046	10890045	1.18	291 3-	4/0 ACSR 6/1	3188	3041	2642	186	1446	61 18	0.00	0.65	41	41
10890047	10890046	1.32	290 3-	4/0 ACSR 6/1	3037	2884	2479	186	1446	61 18	0.01	0.72	89	89
10890059	10890047	1.47	289 3-	4/0 ACSR 6/1	2895	2738	2330	185	1441	60 18	0.01	0.80	91	91
10890085	10890059	1.48	0 1-	2 ACSR 6/1	0	0	2323	185	0	0 0	0.00	0.16	0	0
10890060	10890059	1.64	288 3-	4/0 ACSR 6/1	2748	2588	2181	185	1436	60 18	0.01	0.89	104	104
10880070	10890060	1.72	183 3-	1/0 ACSR 6/1	2671	2508	2110	184	932	39 17	0.00	0.93	49	49
10880071	10880070	1.83	181 3-	1/0 ACSR 6/1	2565	2400	2013	184	930	39 17	0.01	1.00	71	71
10880044	10880071	1.90	179 3-	1/0 ACSR 6/1	2501	2334	1955	183	914	38 17	0.00	1.05	44	44
10880046	10880044	1.98	168 3-	1/0 ACSR 6/1	2436	2269	1898	183	860	36 16	0.00	1.09	46	46
10880054	10880046	2.13	165 3-	1/0 ACSR 6/1	2313	2145	1790	182	837	35 15	0.01	1.18	86	86
10880055	10880054	2.27	160 3-	1/0 ACSR 6/1	2217	2049	1707	182	819	34 15	0.01	1.25	72	72
10880097	10880055	2.32	158 3-	1/0 ACSR 6/1	2179	2011	1674	181	806	34 15	0.00	1.28	30	30
10880068	10880097	2.38	30 1-	2 ACSR 6/1	0	0	1633	181	188	24 13	0.04	2.17	6	6
10880069	10880068	2.42	1 1-	2 ACSR 6/1	0	0	1610	180	13	1 1	0.00	2.17	0	0
10880067	10880068	2.46	1 1-	2 ACSR 6/1	0	0	1585	180	2	0 0	0.00	2.17	0	0
10880091	10880068	2.49	27 1-	2 ACSR 6/1	0	0	1564	180	170	21 12	0.07	2.24	9	9
D10-88-P015	10880091	2.49	27 1-	REC-70-L	0	0	1564	180	170	21 31	0.00	2.24	0	0
10880090	D10-88-P015	2.55	27 1-	2 ACSR 6/1	0	0	1531	180	170	21 12	0.04	2.27	5	5
10890088	10880090	2.60	15 1-	2 ACSR 6/1	0	0	1502	179	83	10 6	0.01	2.29	0	0
10890089	10890088	2.64	14 1-	2 ACSR 6/1	0	0	1479	179	74	9 5	0.01	2.30	0	0
10890027	10890089	2.72	13 1-	2 ACSR 6/1	0	0	1436	178	70	9 5	0.02	2.32	1	1
10890053	10890027	2.77	12 1-	2 ACSR 6/1	0	0	1410	178	66	8 5	0.01	2.33	0	0
10890054	10890053	2.84	8 1-	2 ACSR 6/1	0	0	1375	177	53	6 4	0.01	2.34	0	0

Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10890055	10890054	2.90	6 1-	2 ACSR 6/1	0	0	1348	177	37	4	3	0.01	2.35	0
10890058	10890055	2.98	2 1-	2 ACSR 6/1	0	0	1312	176	12	1	1	0.00	2.35	0
10890057	10890055	2.94	1 1-	2 ACSR 6/1	0	0	1328	177	12	1	1	0.00	2.35	0
10890056	10890055	2.93	1 1-	2 ACSR 6/1	0	0	1333	177	3	0	0	0.00	2.35	0
10890052	10890027	2.84	1 1-	2 ACSR 6/1	0	0	1379	177	5	0	0	0.00	2.32	0
10890048	10890089	2.73	1 1-	2 ACSR 6/1	0	0	1433	178	3	0	0	0.00	2.30	0
10890051	10880090	2.68	2 1-	2 ACSR 6/1	0	0	1460	179	17	2	1	0.00	2.28	0
10890049	10880090	2.61	10 1-	2 ACSR 6/1	0	0	1495	179	70	9	5	0.01	2.29	0
10880072	10890049	2.67	8 1-	2 ACSR 6/1	0	0	1461	179	52	6	4	0.01	2.30	0
10880093	10880072	2.80	3 1-	2 ACSR 6/1	0	0	1398	178	26	3	2	0.01	2.31	0
10880094	10880093	2.87	2 1-	2 ACSR 6/1	0	0	1361	177	19	2	1	0.00	2.32	0
10780115	10880094	2.99	1 1-	2 ACSR 6/1	0	0	1308	176	10	1	1	0.00	2.32	0
10880095	10880093	2.88	1 1-	2 ACSR 6/1	0	0	1356	177	7	0	0	0.00	2.31	0
10880063	10880072	2.71	1 1-	2 ACSR 6/1	0	0	1442	178	1	0	0	0.00	2.30	0
10880062	10880072	2.70	3 1-	2 ACSR 6/1	0	0	1446	178	15	1	1	0.00	2.30	0
10880064	10880097	2.44	127 3-	1/0 ACSR 6/1	2101	1934	1608	181	617	26	11	0.03	1.32	30
10880065	10880064	2.48	125 3-	1/0 ACSR 6/1	2076	1909	1587	180	607	25	11	0.01	1.34	10
10880096	10880065	2.55	1 3-	15 KV 2 URD XLP	2038	1873	1558	430	0	0	0	0.00	1.34	0
10880066	10880065	2.50	123 3-	1/0 ACSR 6/1	2066	1899	1579	180	597	25	11	0.00	1.35	4
10880059	10880066	2.54	122 3-	1/0 ACSR 6/1	2036	1870	1554	180	589	25	11	0.01	1.37	12
10880060	10880059	2.60	121 3-	1/0 ACSR 6/1	2005	1840	1528	180	586	24	11	0.01	1.39	13
10880034	10880060	2.64	120 3-	1/0 ACSR 6/1	1977	1813	1505	180	577	24	11	0.01	1.40	12
D10-88-P112	10880034	2.64	120 3-	REC-70-L	1977	1813	1505	180	577	24	35	0.00	1.40	0
10880042	D10-88-P112	2.74	120 3-	1/0 ACSR 6/1	1923	1760	1460	179	577	24	11	0.02	1.44	24
10780151	10880042	2.81	119 3-	1/0 ACSR 6/1	1887	1725	1431	179	575	24	11	0.01	1.47	17
10780153	10780151	3.11	113 3-	1/0 ACSR 6/1	1744	1586	1314	177	552	23	10	0.07	1.57	65
10780154	10780153	3.22	112 3-	1/0 ACSR 6/1	1694	1539	1274	177	542	23	10	0.03	1.61	25
10780117	10780154	3.29	111 3-	1/0 ACSR 6/1	1664	1510	1250	176	539	22	10	0.02	1.64	16
10780125	10780117	3.33	110 3-	1/0 ACSR 6/1	1648	1494	1237	176	537	22	10	0.01	1.65	9
D10-78-P026	10780125	3.33	20 1-	FUS-40	0	0	1237	176	97	12	34	0.00	0.42	0
10780148	D10-78-P026	3.44	20 1-	2 ACSR 6/1	0	0	1197	175	97	12	7	0.04	0.46	3
10780105	10780148	3.54	15 1-	2 ACSR 6/1	0	0	1161	175	77	9	5	0.03	0.48	1
10780102	10780105	3.60	9 1-	2 ACSR 6/1	0	0	1141	174	48	6	3	0.01	0.49	0
10780103	10780102	3.64	9 1-	2 ACSR 6/1	0	0	1128	174	48	6	3	0.01	0.50	0
10780149	10780103	3.68	5 1-	2 ACSR 6/1	0	0	1113	173	26	3	2	0.00	0.50	0
10780150	10780149	3.75	1 1-	2 ACSR 6/1	0	0	1093	173	10	1	1	0.00	0.50	0
10780100	10780103	3.70	1 1-	2 ACSR 6/1	0	0	1108	173	4	0	0	0.00	0.50	0
10780101	10780103	3.70	1 1-	2 ACSR 6/1	0	0	1108	173	5	0	0	0.00	0.50	0
10780143	10780105	3.60	3 1-	2 ACSR 6/1	0	0	1142	174	15	1	1	0.00	0.49	0
10780144	10780143	3.63	2 1-	2 ACSR 6/1	0	0	1132	174	12	1	1	0.00	0.49	0
10780126	10780148	3.53	1 1-	2 ACSR 6/1	0	0	1166	175	7	0	0	0.00	0.46	0
10780124	10780125	3.41	2 1-	2 ACSR 6/1	0	0	1206	175	8	1	1	0.00	2.96	0
10780123	10780125	3.40	1 1-	2 ACSR 6/1	0	0	1209	176	1	0	0	0.00	2.96	0
10780122	10780125	3.41	85 3-	1/0 ACSR 6/1	1617	1465	1213	176	426	18	8	0.00	1.68	13
10780095	10780122	3.46	82 3-	1/0 ACSR 6/1	1596	1445	1196	175	416	17	8	0.00	1.69	9
10780104	10780095	3.51	3 1-	2 ACSR 6/1	0	0	1178	175	16	2	1	0.00	0.42	0
10780094	10780095	3.50	4 1-	2 ACSR 6/1	0	0	1183	175	32	4	2	0.00	3.06	0
10780093	10780095	3.54	74 3-	1/0 ACSR 6/1	1569	1419	1174	175	366	15	7	0.00	1.71	10
10780147	10780093	3.62	70 3-	1/0 ACSR 6/1	1538	1390	1150	175	357	15	7	0.00	1.73	11
D10-78-P010	10780147	3.62	25 1-	FUS-40	0	0	1150	175	132	17	48	0.00	3.16	0
10780108	D10-78-P010	3.64	25 1-	2 ACSR 6/1	0	0	1143	174	132	17	9	0.01	3.17	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10780110	10780109	3.87	2 1-	2 ACSR 6/1	0	0	1073	173	4	0	0	0.00	3.23	0
10780046	10780109	3.86	18 1-	2 ACSR 6/1	0	0	1073	173	104	13	7	0.03	3.26	2
10780075	10780046	4.12	16 1-	2 ACSR 6/1	0	0	1003	171	94	12	7	0.08	3.34	6
10680094	10780075	4.18	6 1-	2 ACSR 6/1	0	0	987	171	38	4	3	0.01	3.35	0
10680105	10680094	4.21	5 1-	2 ACSR 6/1	0	0	980	170	31	4	2	0.00	3.36	0
10680107	10680105	4.30	3 1-	2 ACSR 6/1	0	0	957	170	19	2	1	0.01	3.36	0
10680108	10680107	4.39	1 1-	2 ACSR 6/1	0	0	938	169	10	1	1	0.00	3.36	0
10680110	10680108	4.55	0 1-	2 ACSR 6/1	0	0	902	168	0	0	0	0.00	3.36	0
10680109	10680108	4.49	1 1-	2 ACSR 6/1	0	0	914	168	10	1	1	0.00	3.37	0
10680106	10680105	4.27	1 1-	2 ACSR 6/1	0	0	966	170	4	0	0	0.00	3.36	0
10680093	10780075	4.16	9 1-	2 ACSR 6/1	0	0	933	171	49	6	4	0.01	3.35	0
10680091	10680093	4.21	8 1-	2 ACSR 6/1	0	0	979	170	42	5	3	0.01	3.36	0
10680092	10680091	4.27	6 1-	2 ACSR 6/1	0	0	965	170	28	3	2	0.01	3.36	0
10680090	10680092	4.34	5 1-	2 ACSR 6/1	0	0	949	170	26	3	2	0.01	3.37	0
10680086	10680090	4.37	4 1-	2 ACSR 6/1	0	0	940	169	19	2	1	0.00	3.37	0
10680088	10680086	4.44	1 1-	2 ACSR 6/1	0	0	925	169	7	0	1	0.00	3.37	0
10680087	10680086	4.50	1 1-	2 ACSR 6/1	0	0	912	168	4	0	0	0.00	3.37	0
10680089	10680092	4.34	0 1-	2 ACSR 6/1	0	0	948	169	0	0	0	0.00	3.36	0
10680083	10680093	4.22	1 1-	2 ACSR 6/1	0	0	977	170	7	0	0	0.00	3.35	0
10780071	10780046	3.93	2 1-	2 ACSR 6/1	0	0	1055	172	10	1	1	0.00	3.26	0
10680082	10780071	4.00	1 1-	2 ACSR 6/1	0	0	1034	172	6	0	0	0.00	3.26	0
10780113	10780147	3.68	14 1-	2 ACSR 6/1	0	0	1131	174	65	8	5	0.01	0.43	0
10780112	10780113	3.71	8 1-	2 ACSR 6/1	0	0	1121	174	39	4	3	0.00	0.43	0
10780077	10780112	3.74	7 1-	2 ACSR 6/1	0	0	1112	174	34	4	2	0.00	0.43	0
10780145	10780077	3.79	5 1-	2 ACSR 6/1	0	0	1096	173	22	2	2	0.00	0.44	0
10780146	10780145	3.87	4 1-	2 ACSR 6/1	0	0	1071	173	13	1	1	0.00	0.44	0
10780091	10780146	3.92	1 1-	2 ACSR 6/1	0	0	1056	172	3	0	0	0.00	0.44	0
10780082	10780146	3.91	2 1-	2 ACSR 6/1	0	0	1061	173	7	0	0	0.00	0.44	0
10780078	10780077	3.79	2 1-	2 ACSR 6/1	0	0	1095	173	12	1	1	0.00	0.44	0
10780114	10780113	3.70	2 1-	2 ACSR 6/1	0	0	1122	174	17	2	1	0.00	0.43	0
10780099	10780147	3.66	31 3-	1/0 ACSR 6/1	1523	1375	1138	174	160	6	3	0.00	1.73	1
10780098	10780099	3.74	30 3-	1/0 ACSR 6/1	1496	1350	1117	174	158	6	3	-0.01	1.74	2
10780097	10780098	3.78	2 1-	2 ACSR 6/1	0	0	1105	174	7	0	0	0.00	0.41	0
10780155	10780098	3.86	28 3-	1/0 ACSR 6/1	1458	1314	1087	173	151	6	3	-0.01	1.75	3
10780156	10780155	3.89	26 3-	1/0 ACSR 6/1	1448	1304	1079	173	142	6	3	0.00	1.76	0
10680143	10780156	3.94	3 1-	2 ACSR 6/1	0	0	1064	173	5	0	0	0.00	0.39	0
10680159	10780156	4.00	23 3-	1/0 ACSR 6/1	1414	1273	1053	173	137	5	3	-0.01	1.77	3
10680136	10680159	4.06	13 1-	2 ACSR 6/1	0	0	1035	172	77	10	6	0.02	3.28	0
10680137	10680136	4.08	11 1-	2 ACSR 6/1	0	0	1029	172	63	8	5	0.00	3.29	0
D10-68-P133	10680137	4.08	11 1-	REC-70-L	0	0	1029	172	63	8	12	0.00	3.29	0
10680139	D10-68-P133	4.11	11 1-	2 ACSR 6/1	0	0	1022	172	63	8	5	0.01	3.29	0
10680140	10680139	4.16	3 1-	2 ACSR 6/1	0	0	1010	172	4	0	0	0.00	3.29	0
10680138	10680139	4.19	5 1-	2 ACSR 6/1	0	0	1001	171	39	5	3	0.01	3.31	0
10680141	10680138	4.24	0 1-	2 ACSR 6/1	0	0	988	171	0	0	0	0.00	3.31	0
10680142	10680138	4.30	5 1-	2 ACSR 6/1	0	0	975	171	39	5	3	0.01	3.32	0
10680126	10680142	4.34	4 1-	2 ACSR 6/1	0	0	963	170	33	4	2	0.01	3.32	0
10780092	10680126	4.35	3 1-	2 ACSR 6/1	0	0	961	170	26	3	2	0.00	3.32	0
10780096	10780092	4.38	2 1-	2 ACSR 6/1	0	0	955	170	13	1	1	0.00	3.33	0
10680135	10680159	4.13	8 3-	1/0 ACSR 6/1	1376	1237	1023	172	59	2	1	0.00	1.77	0
10680132	10680135	4.18	5 3-	1/0 ACSR 6/1	1361	1222	1011	172	40	1	1	0.00	1.77	0
D10-68-P109	10680132	4.18	5 1-	FUS	0	0	1011	172	40	5	118	0.00	3.28	0
10680166	D10-68-P109	4.21	5 1-	2 ACSR 6/1	0	0	1005	172	40	5	3	0.00	3.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10680128	10680166	4.23	1 1-	2 ACSR 6/1	0	0	1000	171	8	1	1	0.00	3.29	0
10680131	10680166	4.24	4 1-	2 ACSR 6/1	0	0	997	171	32	4	2	0.00	3.29	0
10680165	10680131	4.32	1 1-	2 ACSR 6/1	0	0	976	171	11	1	1	0.00	3.29	0
10680157	10680132	4.24	0 3-	1/0 ACSR 6/1	1345	1208	1000	172	0	0	0	0.00	1.77	0
10-68-P069-B	10680157	4.24	0 3-	Open	1345	1208	1000	172	0	0	0	0.00	1.77	0
10780047	10780098	3.78	0 1-	2 ACSR 6/1	0	0	1105	174	0	0	0	0.00	1.62	0
10-78-P248-A	10780047	3.78	0 1-	Open	0	0	1105	174	0	0	0	0.00	1.62	0
10780152	10780151	2.93	6 3-	1/0 ACSR 6/1	1828	1668	1383	178	23	0	0	0.00	1.47	0
10780158	10780152	3.10	2 3-	1/0 ACSR 6/1	1745	1588	1315	177	1	0	0	0.00	1.47	0
10780157	10780158	3.20	2 3-	1/0 ACSR 6/1	1702	1546	1281	177	1	0	0	0.00	1.47	0
10780049	10780157	3.35	1 3-	1/0 ACSR 6/1	1641	1488	1232	176	1	0	0	0.00	1.47	0
10770165	10780049	3.39	0 3-	1/0 ACSR 6/1	1623	1471	1218	176	0	0	0	0.00	1.47	0
10-77-P209-B	10770165	3.39	0 3-	Open	1623	1471	1218	176	0	0	0	0.00	1.47	0
10780116	10780152	2.95	4 1-	2 ACSR 6/1	0	0	1372	178	23	2	2	0.00	2.55	0
10780127	10780116	2.99	1 1-	2 ACSR 6/1	0	0	1354	178	8	0	1	0.00	2.55	0
10880061	10880060	2.65	1 1-	2 ACSR 6/1	0	0	1500	179	9	1	1	0.00	2.37	0
10880052	10880046	2.04	3 1-	2 ACSR 6/1	0	0	1845	183	23	2	2	0.00	1.68	0
10880053	10880052	2.13	2 1-	2 ACSR 6/1	0	0	1773	182	15	1	1	0.00	1.69	0
10880045	10880044	1.96	8 1-	2 ACSR 6/1	0	0	1900	183	46	5	3	0.01	1.39	0
10880047	10880045	2.00	4 1-	2 ACSR 6/1	0	0	1873	183	17	2	1	0.00	1.40	0
10880048	10880047	2.04	2 1-	2 ACSR 6/1	0	0	1837	182	3	0	0	0.00	1.40	0
10880050	10880045	2.01	3 1-	2 ACSR 6/1	0	0	1865	183	23	2	2	0.00	1.40	0
10880051	10880050	2.05	2 1-	2 ACSR 6/1	0	0	1833	182	16	2	1	0.00	1.40	0
10880049	10880045	2.02	1 1-	2 ACSR 6/1	0	0	1858	183	5	0	0	0.00	1.40	0
10880043	10880071	1.86	1 1-	2 ACSR 6/1	0	0	1989	184	11	1	1	0.00	1.48	0
10880038	10890060	1.75	104 3-	2 ACSR 6/1	2622	2454	2064	184	500	21	12	0.04	0.94	33
D10-88-P116	10880038	1.75	9 1-	FUS-50	0	0	2064	184	52	6	14	0.00	0.21	0
10880092	D10-88-P116	1.77	9 1-	2 ACSR 6/1	0	0	2044	184	52	6	4	0.00	0.21	0
10880041	10880092	1.81	8 1-	2 ACSR 6/1	0	0	2011	184	42	5	3	0.00	0.21	0
10880088	10880041	1.83	1 1-	2 ACSR 6/1	0	0	1983	183	11	1	1	0.00	0.21	0
10880089	10880088	1.89	0 1-	2 ACSR 6/1	0	0	1935	183	0	0	0	0.00	0.21	0
10880056	10880041	1.85	4 1-	2 ACSR 6/1	0	0	1966	183	20	2	1	0.00	0.22	0
10880058	10880056	1.89	1 1-	2 ACSR 6/1	0	0	1929	183	9	1	1	0.00	0.22	0
10880057	10880056	1.90	1 1-	2 ACSR 6/1	0	0	1925	183	6	0	0	0.00	0.22	0
10880074	10880056	1.90	2 1-	2 ACSR 6/1	0	0	1924	183	4	0	0	0.00	0.22	0
10880073	10880092	1.79	1 1-	2 ACSR 6/1	0	0	2028	184	10	1	1	0.00	0.21	0
10880087	10880038	1.82	91 3-	2 ACSR 6/1	2550	2378	1999	183	431	18	10	0.01	0.97	18
D10-98-P087	10880087	1.82	91 3-	REC-70-L	2550	2378	1999	183	431	18	26	0.00	0.97	0
10980064	D10-98-P087	1.84	91 3-	2 ACSR 6/1	2524	2351	1976	183	431	18	10	0.00	0.98	7
10980059	10980064	1.90	80 3-	2 ACSR 6/1	2469	2294	1927	183	381	16	9	0.01	1.00	13
10980060	10980059	2.02	78 3-	2 ACSR 6/1	2347	2168	1821	182	377	16	9	0.02	1.05	31
10980040	10980060	2.05	75 3-	2 ACSR 6/1	2323	2143	1800	182	360	15	8	0.00	1.06	6
10980039	10980040	2.07	73 3-	2 ACSR 6/1	2305	2125	1784	182	350	14	8	0.00	1.07	5
10980044	10980039	2.11	71 3-	2 ACSR 6/1	2270	2090	1755	181	339	14	8	0.00	1.08	9
10980045	10980044	2.17	2 1-	2 ACSR 6/1	0	0	1709	181	5	0	0	0.00	0.26	0
10980046	10980044	2.18	67 3-	2 ACSR 6/1	2203	2022	1698	181	320	13	8	0.01	1.10	17
10980061	10980046	2.25	64 3-	2 ACSR 6/1	2147	1967	1652	180	311	13	7	0.01	1.12	14
D16-08-P003	10980061	2.25	23 1-	FUS-50	0	0	1652	180	113	14	31	0.00	1.92	0
16080014	D16-08-P003	2.28	23 1-	2 ACSR 6/1	0	0	1630	180	113	14	8	0.01	1.93	1
16080010	16080014	2.34	21 1-	2 ACSR 6/1	0	0	1589	179	99	12	7	0.02	1.95	2
16080008	16080010	2.42	2 1-	2 ACSR 6/1	0	0	1544	179	13	1	1	0.00	1.95	0
10980047	16080008	2.45	1 1-	2 ACSR 6/1	0	0	1525	179	7	0	1	0.00	1.95	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 64 GOLDBUG(64)		1725			3358	3539	3970	189	11775						
SUB 64, CKT 1															
BK6401	GOLDBUG(64)	0.00	962 3-	BK6401	3358	3539	3970	189	4971	209	52	0.00	0.00	0.00	0
15620039	BK6401	0.12	962 3-	336 ACSR 18/1	3243	3363	3719	188	4971	209	39	0.14	0.15	480	
15620036	15620039	0.35	962 3-	336 ACSR 18/1	3050	3090	3332	188	4966	209	39	0.25	0.41	880	
15620100	15620036	0.42	2 3-	336 ACSR 18/1	2995	3017	3229	188	225	10	2	0.01	0.42	0	
14690139	15620100	0.45	2 3-	15 KV 2 URD XLP	2966	3006	3187	482	225	10	6	0.01	0.43	2	
146901010	14690139	0.45	2 3-	Consumer	2966	3006	3187	482	225	10	0	0.00	0.43	0	
15620105	15620036	0.38	1 3-	2 ACSR 6/1	3009	3045	3262	188	1	0	0	0.00	0.41	0	
D15-62-P187	15620105	0.38	1 3-	FUS-40	3009	3045	3262	188	1	0	0	0.00	0.41	0	
15620104	D15-62-P187	0.43	1 3-	2 ACSR 6/1	2939	2965	3146	187	1	0	0	0.00	0.41	0	
15620037	15620036	0.41	959 3-	336 ACSR 18/1	3001	3025	3240	188	4732	199	38	0.06	0.48	217	
20850111	15620037	0.44	2 1-	2 ACSR 6/1	0	0	3175	187	5	0	0	0.00	0.53	0	
15620035	15620037	0.54	957 3-	336 ACSR 18/1	2905	2900	3064	187	4725	198	38	0.13	0.62	451	
D14-69-P106	15620035	0.54	25 1-	REC-35-L	0	0	3064	187	118	14	43	0.00	0.69	0	
14690065	D14-69-P106	0.61	25 1-	2 ACSR 6/1	0	0	2923	187	118	14	8	0.03	0.72	3	
14690066	14690065	0.73	23 1-	2 ACSR 6/1	0	0	2695	186	116	14	8	0.05	0.77	5	
15620092	14690066	0.84	3 1-	2 ACSR 6/1	0	0	2523	185	14	1	1	0.01	0.78	0	
15620093	15620092	0.89	3 1-	2 ACSR 6/1	0	0	2448	185	14	1	1	0.00	0.78	0	
15620090	15620093	0.97	2 1-	2 ACSR 6/1	0	0	2341	184	11	1	1	0.00	0.78	0	
15620076	15620093	0.94	1 1-	2 ACSR 6/1	0	0	2382	184	4	0	0	0.00	0.78	0	
15620032	14690066	0.82	17 1-	2 ACSR 6/1	0	0	2556	185	82	10	6	0.03	0.80	2	
14690122	15620032	0.87	10 1-	2 ACSR 6/1	0	0	2479	185	44	5	3	0.01	0.81	0	
20850118	14690122	0.92	6 1-	2 ACSR 6/1	0	0	2411	184	26	3	2	0.00	0.81	0	
20850119	20850118	0.98	3 1-	2 ACSR 6/1	0	0	2332	184	15	1	1	0.00	0.81	0	
20850117	20850119	0.99	1 1-	2 ACSR 6/1	0	0	2315	184	7	0	0	0.00	0.81	0	
14690062	15620032	0.90	7 1-	2 ACSR 6/1	0	0	2436	185	38	4	3	0.01	0.81	0	
14690067	14690062	1.02	6 1-	2 ACSR 6/1	0	0	2269	184	35	4	2	0.01	0.82	0	
14690071	14690067	1.09	5 1-	2 ACSR 6/1	0	0	2192	183	25	3	2	0.01	0.83	0	
14690072	14690071	1.14	3 1-	2 ACSR 6/1	0	0	2127	183	24	3	2	0.00	0.83	0	
20852164	14690072	1.50	3 1-	2 ACSR 6/1	0	0	1782	180	24	3	2	0.03	0.86	0	
20852147	20852164	1.67	1 1-	2 ACSR 6/1	0	0	1659	179	10	1	1	0.00	0.86	0	
20852165	20852164	1.61	1 1-	2 ACSR 6/1	0	0	1696	179	8	1	1	0.00	0.86	0	
20852163	20852165	2.08	1 1-	2 ACSR 6/1	0	0	1405	176	8	1	1	0.01	0.87	0	
15620091	14690066	0.88	1 1-	2 ACSR 6/1	0	0	2464	185	10	1	1	0.00	0.78	0	
15620075	14690066	0.78	2 1-	2 ACSR 6/1	0	0	2624	185	10	1	1	0.00	0.77	0	
14690142	15620035	0.59	932 3-	336 ACSR 18/1	2863	2847	2990	187	4603	193	37	0.06	0.68	195	
14690144	14690142	0.91	931 3-	336 ACSR 18/1	2656	2595	2646	187	4598	193	37	0.31	1.01	1049	
14690120	14690144	1.00	930 3-	336 ACSR 18/1	2601	2531	2559	186	4585	193	37	0.09	1.10	307	
D14-69-P034	14690120	1.00	125 3-	REC-70-L	2645	2582	2628	187	562	23	34	0.00	1.10	0	
14690063	D14-69-P034	1.06	125 3-	2 ACSR 6/1	2579	2511	2535	186	562	23	13	0.04	1.14	17	
14690056	14690063	1.09	121 3-	2 ACSR 6/1	2545	2473	2487	186	513	21	12	0.02	1.15	9	
14690093	14690056	1.15	121 3-	2 ACSR 6/1	2488	2411	2410	185	513	21	12	0.03	1.18	15	
14690094	14690093	1.21	118 3-	2 ACSR 6/1	2425	2343	2327	185	496	21	12	0.04	1.22	16	
14690103	14690094	1.23	115 3-	2 ACSR 6/1	2404	2319	2299	185	477	20	11	0.01	1.23	5	
14690104	14690103	1.42	112 3-	2 ACSR 6/1	2236	2138	2086	183	471	20	11	0.09	1.32	42	
14690096	14690104	1.49	1 1-	2 ACSR 6/1	0	0	2013	183	5	0	0	0.00	1.44	0	
14690050	14690104	1.46	5 1-	2 ACSR 6/1	0	0	2048	183	14	1	1	0.00	1.27	0	
14690101	14690050	1.51	4 1-	2 ACSR 6/1	0	0	1991	182	13	1	1	0.00	1.27	0	
14690102	14690101	1.59	3 1-	2 ACSR 6/1	0	0	1922	182	5	0	0	0.00	1.27	0	
14690100	14690050	1.48	1 1-	2 ACSR 6/1	0	0	2025	183	1	0	0	0.00	1.27	0	
14690049	14690104	1.50	106 3-	2 ACSR 6/1	2168	2064	2004	183	452	19	11	0.04	1.35	17	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14690111	14690049	1.59	102 3-	2 ACSR 6/1	2092	1984	1914	182	442	18	10	0.04	1.40	19
14690112	14690111	1.69	101 3-	2 ACSR 6/1	2017	1905	1828	181	432	18	10	0.05	1.44	19
14690113	14690112	1.82	97 3-	2 ACSR 6/1	1926	1808	1725	180	420	17	10	0.06	1.49	25
14790091	14690113	1.88	96 3-	2 ACSR 6/1	1889	1770	1684	180	418	17	10	0.03	1.52	11
14790100	14790091	1.91	94 3-	2 ACSR 6/1	1867	1747	1660	179	409	17	10	0.02	1.53	6
14790101	14790100	1.96	93 3-	2 ACSR 6/1	1835	1714	1625	179	408	17	10	0.02	1.55	10
14790105	14790101	2.07	91 3-	2 ACSR 6/1	1770	1647	1556	178	388	16	9	0.05	1.59	21
14790109	14790105	2.17	86 3-	2 ACSR 6/1	1713	1589	1496	178	364	15	9	0.04	1.63	18
14790110	14790109	2.34	85 3-	2 ACSR 6/1	1624	1498	1404	176	363	15	9	0.06	1.69	30
14790082	14790110	2.39	25 1-	2 ACSR 6/1	0	0	1380	176	164	20	12	0.03	1.69	4
14790083	14790082	2.42	24 1-	2 ACSR 6/1	0	0	1363	176	162	20	12	0.02	1.72	3
D14-79-P008	14790083	2.42	24 1-	FUS-40	0	0	1363	176	162	20	58	0.00	1.72	0
14790047	D14-79-P008	2.44	24 1-	2 ACSR 6/1	0	0	1352	176	162	20	12	0.01	1.73	2
14790130	14790047	2.47	23 1-	2 ACSR 6/1	0	0	1339	175	152	19	11	0.02	1.74	2
14790112	14790130	2.58	20 1-	2 ACSR 6/1	0	0	1292	175	139	17	10	0.05	1.80	6
14790111	14790112	2.86	0 1-	2 ACSR 6/1	0	0	1177	173	0	0	0	0.00	1.80	0
14790114	14790112	2.85	20 1-	2 ACSR 6/1	0	0	1181	173	139	17	10	0.14	1.94	15
14790115	14790114	2.91	19 1-	2 ACSR 6/1	0	0	1160	172	137	17	10	0.03	1.97	3
14790116	14790115	3.03	2 1-	2 ACSR 6/1	0	0	1119	171	6	0	0	0.00	1.97	0
14790117	14790116	3.15	1 1-	2 ACSR 6/1	0	0	1079	171	4	0	0	0.00	1.97	0
14790093	14790115	2.97	17 1-	2 ACSR 6/1	0	0	1140	172	130	16	9	0.03	1.99	3
14790094	14790093	3.01	16 1-	2 ACSR 6/1	0	0	1128	172	126	16	9	0.02	2.01	2
14790096	14790094	3.07	14 1-	2 ACSR 6/1	0	0	1106	171	105	13	8	0.02	2.03	2
14790128	14790096	3.14	2 1-	2 ACSR 6/1	0	0	1083	171	15	1	1	0.00	2.04	0
14790097	14790096	3.12	10 1-	2 ACSR 6/1	0	0	1090	171	72	9	5	0.01	2.05	0
14790098	14790097	3.16	8 1-	2 ACSR 6/1	0	0	1077	170	64	8	5	0.01	2.06	0
14790099	14790098	3.20	6 1-	2 ACSR 6/1	0	0	1064	170	46	5	3	0.01	2.06	0
14790102	14790099	3.25	4 1-	2 ACSR 6/1	0	0	1050	170	30	3	2	0.00	2.07	0
14790103	14790102	3.31	2 1-	2 ACSR 6/1	0	0	1034	169	18	2	1	0.00	2.07	0
14790095	14790094	3.02	1 1-	2 ACSR 6/1	0	0	1123	171	12	1	1	0.00	2.01	0
14790078	14790130	2.51	3 1-	2 ACSR 6/1	0	0	1324	175	13	1	1	0.00	1.75	0
14790113	14790078	2.54	2 1-	2 ACSR 6/1	0	0	1310	175	11	1	1	0.00	1.75	0
14790045	14790110	2.52	60 1-	2 ACSR 6/1	0	0	1316	175	199	25	14	0.13	2.31	21
14790104	14790045	2.60	1 1-	2 ACSR 6/1	0	0	1284	174	7	0	1	0.00	2.31	0
14790084	14790045	2.63	3 1-	2 ACSR 6/1	0	0	1268	174	12	1	1	0.00	2.31	0
14790085	14790084	2.72	2 1-	2 ACSR 6/1	0	0	1231	174	3	0	0	0.00	2.31	0
14790071	14790045	2.58	56 1-	2 ACSR 6/1	0	0	1289	175	179	23	13	0.04	2.35	5
14790072	14790071	2.66	52 1-	2 ACSR 6/1	0	0	1256	174	157	20	11	0.05	2.39	6
14790046	14790072	2.76	50 1-	2 ACSR 6/1	0	0	1217	173	151	19	11	0.05	2.45	6
14790077	14790046	2.86	47 1-	2 ACSR 6/1	0	0	1179	173	136	17	10	0.05	2.50	6
14790123	14790077	2.95	3 1-	2 ACSR 6/1	0	0	1147	172	7	0	1	0.00	2.50	0
14790129	14790077	2.99	36 1-	2 ACSR 6/1	0	0	1134	172	113	14	8	0.05	2.55	4
14890091	14790129	3.04	35 1-	2 ACSR 6/1	0	0	1118	171	102	13	7	0.02	2.57	1
14880032	14890091	3.19	33 1-	2 ACSR 6/1	0	0	1068	170	91	11	6	0.05	2.62	4
14890081	14880032	3.22	32 1-	2 ACSR 6/1	0	0	1059	170	88	11	6	0.01	2.63	0
14890083	14890081	3.31	31 1-	2 ACSR 6/1	0	0	1033	169	86	11	6	0.03	2.66	2
14890084	14890083	3.41	29 1-	2 ACSR 6/1	0	0	1005	169	83	10	6	0.03	2.69	2
14890082	14890084	3.47	29 1-	2 ACSR 6/1	0	0	990	168	83	10	6	0.02	2.70	1
14890065	14890082	3.65	1 1-	2 ACSR 6/1	0	0	945	167	2	0	0	0.00	2.70	0
14890055	14890082	3.56	27 1-	2 ACSR 6/1	0	0	966	168	80	10	6	0.03	2.73	2
14890064	14890055	3.66	2 1-	2 ACSR 6/1	0	0	942	167	12	1	1	0.00	2.74	0
14890069	14890064	3.76	1 1-	2 ACSR 6/1	0	0	920	166	10	1	1	0.00	2.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14890057	14890055	3.63	23 1-	2 ACSR 6/1	0	0	951	167	64	8	5	0.01	2.75	0
14890058	14890057	3.72	22 1-	2 ACSR 6/1	0	0	929	167	61	7	4	0.02	2.77	0
14890061	14890058	3.85	19 1-	2 ACSR 6/1	0	0	900	166	52	6	4	0.02	2.79	0
14890088	14890061	3.96	1 1-	2 ACSR 6/1	0	0	877	165	5	0	0	0.00	2.79	0
14890063	14890061	3.92	1 1-	2 ACSR 6/1	0	0	884	165	1	0	0	0.00	2.79	0
14890062	14890061	3.94	12 1-	2 ACSR 6/1	0	0	880	165	29	3	2	0.01	2.80	0
14890070	14890062	4.04	4 1-	2 ACSR 6/1	0	0	860	165	9	1	1	0.00	2.80	0
14890071	14890070	4.09	1 1-	2 ACSR 6/1	0	0	851	164	5	0	0	0.00	2.80	0
14890068	14890062	4.06	7 1-	2 ACSR 6/1	0	0	857	164	19	2	1	0.01	2.81	0
14890079	14890068	4.13	1 1-	2 ACSR 6/1	0	0	843	164	7	0	1	0.00	2.81	0
14890072	14890068	4.14	2 1-	2 ACSR 6/1	0	0	840	164	3	0	0	0.00	2.81	0
14990025	14890072	4.17	1 1-	2 ACSR 6/1	0	0	835	164	2	0	0	0.00	2.81	0
14890066	14890068	4.10	3 1-	2 ACSR 6/1	0	0	849	164	7	0	0	0.00	2.81	0
14890067	14890062	4.00	1 1-	2 ACSR 6/1	0	0	867	165	1	0	0	0.00	2.80	0
14890060	14890061	3.90	3 1-	2 ACSR 6/1	0	0	888	165	13	1	1	0.00	2.79	0
14890054	14890060	3.93	1 1-	2 ACSR 6/1	0	0	883	165	5	0	0	0.00	2.79	0
14890059	14890058	3.96	1 1-	2 ACSR 6/1	0	0	877	165	2	0	0	0.00	2.77	0
14890056	14890055	3.72	1 1-	2 ACSR 6/1	0	0	928	167	2	0	0	0.00	2.73	0
14890080	14880032	3.27	0 1-	2 ACSR 6/1	0	0	1046	170	0	0	0	0.00	2.62	0
14790079	14790077	2.92	8 1-	2 ACSR 6/1	0	0	1157	172	16	2	1	0.00	2.50	0
14780045	14790079	2.96	6 1-	2 ACSR 6/1	0	0	1144	172	7	0	1	0.00	2.50	0
14780046	14780045	3.04	3 1-	2 ACSR 6/1	0	0	1117	171	6	0	0	0.00	2.50	0
14780031	14780046	3.08	2 1-	2 ACSR 6/1	0	0	1102	171	5	0	0	0.00	2.50	0
14780033	14780031	3.15	1 1-	2 ACSR 6/1	0	0	1081	171	3	0	0	0.00	2.50	0
14780034	14780033	3.23	1 1-	2 ACSR 6/1	0	0	1056	170	3	0	0	0.00	2.51	0
14780032	14780031	3.11	1 1-	2 ACSR 6/1	0	0	1094	171	2	0	0	0.00	2.50	0
14780044	14790079	2.95	2 1-	2 ACSR 6/1	0	0	1145	172	8	1	1	0.00	2.50	0
14790076	14790046	2.81	3 1-	2 ACSR 6/1	0	0	1198	173	15	1	1	0.00	2.45	0
14790075	14790072	2.75	1 1-	2 ACSR 6/1	0	0	1218	173	4	0	0	0.00	2.39	0
14790073	14790071	2.63	2 1-	2 ACSR 6/1	0	0	1267	174	7	0	1	0.00	2.35	0
14790074	14790073	2.69	1 1-	2 ACSR 6/1	0	0	1246	174	3	0	0	0.00	2.35	0
14790086	14790071	2.62	1 1-	2 ACSR 6/1	0	0	1272	174	6	0	0	0.00	2.35	0
14790092	14790086	2.64	1 1-	2 ACSR 6/1	0	0	1265	174	6	0	0	0.00	2.35	0
14790106	14790105	2.18	4 1-	2 ACSR 6/1	0	0	1492	177	17	2	1	0.00	1.57	0
14790108	14790106	2.26	1 1-	2 ACSR 6/1	0	0	1448	177	5	0	0	0.00	1.57	0
14790107	14790106	2.32	1 1-	2 ACSR 6/1	0	0	1415	176	3	0	0	0.00	1.57	0
14790090	14690113	1.88	1 1-	2 ACSR 6/1	0	0	1682	180	2	0	0	0.00	1.46	0
14690107	14690049	1.55	4 1-	2 ACSR 6/1	0	0	1956	182	9	1	1	0.00	1.50	0
14690108	14690107	1.78	3 1-	2 ACSR 6/1	0	0	1760	180	4	0	0	0.00	1.50	0
14690110	14690108	1.95	1 1-	2 ACSR 6/1	0	0	1634	179	0	0	0	0.00	1.50	0
14690109	14690108	1.82	1 1-	2 ACSR 6/1	0	0	1727	180	0	0	0	0.00	1.50	0
14690095	14690094	1.24	3 1-	2 ACSR 6/1	0	0	2294	185	19	2	1	0.00	1.16	0
14690092	14690093	1.19	1 1-	2 ACSR 6/1	0	0	2356	185	11	1	1	0.00	1.21	0
14690091	14690056	1.13	0 1-	2 ACSR 6/1	0	0	2430	185	0	0	0	0.00	1.10	0
OH31	14690120	1.01	4 1-	2 ACSR 6/1	0	0	0	0	21	2	2	0.00	1.04	0
14690119	OH31	1.08	4 1-	2 ACSR 6/1	0	0	2495	186	21	2	2	0.00	1.05	0
14690118	OH31	1.14	0 1-	2 ACSR 6/1	0	0	2414	185	0	0	0	0.00	1.04	0
14690114	14690120	1.09	801 3-	336 ACSR 18/1	2547	2468	2476	186	4000	168	32	0.08	1.19	241
14690070	14690114	1.23	800 3-	336 ACSR 18/1	2468	2379	2359	186	3995	168	32	0.12	1.32	366
14690134	14690070	1.29	800 3-	4/0 ACSR 6/1	2431	2338	2305	186	3991	168	50	0.07	1.40	233
14690135	14690134	1.36	799 3-	4/0 ACSR 6/1	2389	2293	2247	185	3976	168	49	0.08	1.48	265
14690064	14690135	1.44	798 3-	4/0 ACSR 6/1	2335	2236	2173	185	3968	168	49	0.11	1.60	355

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
			CONS	CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14590089	14690064	1.46	790 3-	4/0 ACSR 6/1	2324	2223	2157	185	3928	166	49	0.02	1.63	79
D14-59-P097	14590089	1.46	3 3-	FUS	2324	2223	2157	185	8	0	8	0.00	1.63	0
14590097	D14-59-P097	1.50	3 3-	4/0 ACSR 6/1	2304	2202	2130	185	8	0	0	0.00	1.63	0
14590098	14590097	1.51	2 3-	4/0 ACSR 6/1	2299	2197	2123	185	3	0	0	0.00	1.63	0
14590035	14590089	1.49	787 3-	4/0 ACSR 6/1	2306	2205	2133	185	3919	166	49	0.04	1.67	117
14590071	14590035	1.52	2 1-	2 ACSR 6/1	0	0	2105	185	8	1	1	0.00	1.58	0
14590077	14590071	1.57	1 1-	2 ACSR 6/1	0	0	2059	184	3	0	0	0.00	1.58	0
14590111	14590035	1.55	785 3-	4/0 ACSR 6/1	2275	2172	2092	185	3909	165	49	0.07	1.74	213
14590112	14590111	1.64	784 3-	4/0 ACSR 6/1	2225	2119	2026	184	3905	165	49	0.11	1.86	355
14590109	14590112	1.64	780 3-	4/0 ACSR 6/1	2222	2115	2021	184	3885	164	49	0.01	1.87	22
14-59-P037-B	14590109	1.64	780 3-	Closed	2222	2115	2021	184	3885	164	0	0.00	1.87	0
14-59-P037-A	14-59-P037-B	1.64	780 3-	Closed	2222	2115	2021	184	3885	164	0	0.00	1.87	0
14590110	14-59-P037-A	1.68	780 3-	4/0 ACSR 6/1	2204	2097	1999	184	3885	164	49	0.04	1.91	127
14590085	14590110	1.77	778 3-	4/0 ACSR 6/1	2157	2047	1938	184	3868	164	48	0.11	2.03	352
14590059	14590085	1.81	689 3-	4/0 ACSR 6/1	2133	2023	1908	184	3391	144	42	0.04	2.08	138
14590060	14590059	2.20	689 3-	4/0 ACSR 6/1	1955	1839	1691	183	3389	144	42	0.34	2.52	1153
14590058	14590060	2.27	688 3-	4/0 ACSR 6/1	1924	1807	1655	182	3368	143	42	0.06	2.60	220
14590057	14590058	2.36	625 3-	4/0 ACSR 6/1	1888	1771	1614	182	3049	130	38	0.11	2.70	219
14590043	14590057	2.45	622 3-	4/0 ACSR 6/1	1854	1736	1574	182	3040	129	38	0.11	2.78	216
14580016	14590043	2.51	618 3-	4/0 ACSR 6/1	1832	1714	1550	182	3022	128	38	0.07	2.84	137
14480053	14580016	2.53	615 3-	4/0 ACSR 6/1	1822	1704	1539	181	2992	127	38	0.03	2.87	63
14480123	14480053	2.57	612 3-	4/0 ACSR 6/1	1808	1689	1522	181	2969	126	37	0.05	2.91	93
14480126	14480123	2.72	1 3-	15 KV 2 URD XLP	1757	1643	1476	430	8	0	0	0.00	2.91	0
14480113	14480123	2.63	610 3-	4/0 ACSR 6/1	1789	1670	1501	181	2958	126	37	0.06	2.96	120
D14-48-P254	14480113	2.63	19 1-	REC-50-H	0	0	1501	181	87	11	23	0.00	2.83	0
14480058	D14-48-P254	2.69	19 1-	2 ACSR 6/1	0	0	1470	181	87	11	6	0.02	2.85	1
14580017	14480058	2.75	16 1-	2 ACSR 6/1	0	0	1439	180	79	10	6	0.02	2.87	0
14580019	14580017	2.82	3 1-	2 ACSR 6/1	0	0	1404	180	17	2	1	0.00	2.87	0
14580018	14580017	2.80	11 1-	2 ACSR 6/1	0	0	1415	180	51	6	4	0.01	2.88	0
14580008	14580018	2.86	11 1-	2 ACSR 6/1	0	0	1384	179	51	6	4	0.01	2.89	0
14580041	14580008	3.29	11 1-	2 ACSR 6/1	0	0	1210	176	51	6	4	0.08	2.97	3
14580043	14580041	3.45	1 1-	2 ACSR 6/1	0	0	1153	175	8	1	1	0.00	2.97	0
14580042	14580041	3.35	10 1-	2 ACSR 6/1	0	0	1188	176	43	5	3	0.01	2.98	0
14580023	14580042	3.38	8 1-	2 ACSR 6/1	0	0	1177	176	34	4	2	0.00	2.98	0
14580028	14580023	3.42	7 1-	2 ACSR 6/1	0	0	1161	175	31	4	2	0.00	2.99	0
14580024	14580028	3.48	5 1-	2 ACSR 6/1	0	0	1141	175	21	2	2	0.00	2.99	0
14580031	14580024	3.56	3 1-	2 ACSR 6/1	0	0	1118	174	21	2	1	0.00	3.00	0
14580013	14580031	3.72	2 1-	2 ACSR 6/1	0	0	1068	173	11	1	1	0.01	3.00	0
14580015	14580013	3.77	1 1-	2 ACSR 6/1	0	0	1054	173	0	0	0	0.00	3.00	0
14580014	14580013	3.81	1 1-	2 ACSR 6/1	0	0	1043	172	11	1	1	0.00	3.00	0
14580044	14580014	4.02	0 1-	2 ACSR 6/1	0	0	987	171	0	0	0	0.00	3.00	0
14580030	14580024	3.54	2 1-	2 ACSR 6/1	0	0	1123	174	0	0	0	0.00	2.99	0
14580022	14580042	3.51	2 1-	2 ACSR 6/1	0	0	1132	175	9	1	1	0.01	2.98	0
14580026	14580022	3.55	2 1-	2 ACSR 6/1	0	0	1120	174	9	1	1	0.00	2.98	0
14580027	14580026	3.59	1 1-	2 ACSR 6/1	0	0	1106	174	5	0	0	0.00	2.99	0
14580029	14580008	2.91	0 1-	2 ACSR 6/1	0	0	1364	179	0	0	0	0.00	2.89	0
14580020	14580018	2.83	0 1-	2 ACSR 6/1	0	0	1398	180	0	0	0	0.00	2.88	0
14480107	14480113	2.66	1 1-	2 ACSR 6/1	0	0	1483	181	12	1	1	0.00	2.77	0
14480040	14480113	2.86	590 3-	4/0 ACSR 6/1	1710	1592	1415	180	2858	122	36	0.28	3.17	507
14480041	14480040	2.99	589 3-	4/0 ACSR 6/1	1669	1551	1372	180	2850	121	36	0.16	3.29	281
14480042	14480041	3.14	588 3-	4/0 ACSR 6/1	1623	1505	1323	179	2840	121	36	0.19	3.43	334
C14-48-P17	14480042	3.14	0 3-	Capacitor	1623	1505	1323	179	0	-13	0	0.00	3.43	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14480074	14480042	3.15	588 3-	4/0 ACSR 6/1	1619	1501	1318	179	2837	123	36	0.02	3.45	31
14480078	14480074	3.16	587 3-	4/0 ACSR 6/1	1617	1499	1317	179	2835	122	36	0.01	3.46	14
14-48-P161-B	14480078	3.16	587 3-	Closed	1617	1499	1317	179	2835	122	0	0.00	3.46	0
14-48-P161-A	14-48-P161-B	3.16	587 3-	Closed	1617	1499	1317	179	2835	122	0	0.00	3.46	0
14480045	14-48-P161-A	3.22	587 3-	4/0 ACSR 6/1	1600	1483	1299	179	2835	122	36	0.08	3.52	127
14480094	14480045	3.31	474 3-	1/0 ACSR 6/1	1567	1450	1268	179	2060	89	39	0.16	3.65	218
D14-48-P217	14480094	3.31	15 1-	FUS-40	0	0	1268	179	112	14	41	0.00	3.66	0
14480134	D14-48-P217	3.37	15 1-	2 ACSR 6/1	0	0	1247	178	112	14	8	0.02	3.68	2
14480063	14480134	3.41	13 1-	2 ACSR 6/1	0	0	1230	178	94	12	7	0.02	3.69	1
14480065	14480063	3.46	11 1-	2 ACSR 6/1	0	0	1213	178	86	11	6	0.01	3.71	0
14480066	14480065	3.51	11 1-	2 ACSR 6/1	0	0	1197	177	86	11	6	0.01	3.72	0
14480067	14480066	3.55	9 1-	2 ACSR 6/1	0	0	1181	177	82	10	6	0.01	3.74	0
14480084	14480067	3.61	2 1-	2 ACSR 6/1	0	0	1163	176	24	3	2	0.00	3.74	0
14480083	14480067	3.60	6 1-	2 ACSR 6/1	0	0	1165	177	48	6	4	0.01	3.75	0
14480085	14480083	3.65	5 1-	2 ACSR 6/1	0	0	1149	176	39	5	3	0.01	3.75	0
14480086	14480085	3.69	3 1-	2 ACSR 6/1	0	0	1136	176	26	3	2	0.00	3.75	0
14480069	14480086	3.72	2 1-	2 ACSR 6/1	0	0	1126	176	16	2	1	0.00	3.76	0
14480064	14480063	3.44	1 1-	2 ACSR 6/1	0	0	1220	178	2	0	0	0.00	3.69	0
14480102	14480094	3.38	458 3-	1/0 ACSR 6/1	1545	1428	1247	178	1941	84	37	0.09	3.74	130
D14-48-P011	14480102	3.38	456 3-	REC-100-L	1545	1428	1247	178	1930	83	84	0.00	3.74	0
14480096	D14-48-P011	3.41	456 3-	1/0 ACSR 6/1	1534	1417	1237	178	1930	83	36	0.04	3.78	62
14480095	14480096	3.49	452 3-	1/0 ACSR 6/1	1506	1390	1211	178	1901	82	36	0.12	3.89	167
14480109	14480095	3.54	15 1-	2 ACSR 6/1	0	0	1195	177	101	13	7	0.02	4.24	1
14480111	14480109	3.57	2 1-	2 ACSR 6/1	0	0	1185	177	15	1	1	0.00	4.25	0
14480110	14480109	3.59	10 1-	2 ACSR 6/1	0	0	1179	177	65	8	5	0.01	4.26	0
14480051	14480110	3.62	8 1-	2 ACSR 6/1	0	0	1166	177	55	7	4	0.01	4.26	0
14480050	14480051	3.66	4 1-	2 ACSR 6/1	0	0	1154	176	31	3	2	0.00	4.27	0
14480108	14480050	3.70	1 1-	2 ACSR 6/1	0	0	1141	176	8	1	1	0.00	4.27	0
14480060	14480051	3.70	3 1-	2 ACSR 6/1	0	0	1140	176	16	2	1	0.00	4.26	0
14480103	14480095	3.54	437 3-	1/0 ACSR 6/1	1491	1375	1197	178	1799	78	34	0.06	3.95	82
14480112	14480103	3.77	424 3-	1/0 ACSR 6/1	1419	1304	1131	176	1726	75	33	0.29	4.23	381
14480062	14480112	4.00	416 3-	1/0 ACSR 6/1	1355	1242	1074	175	1676	73	32	0.25	4.49	347
14470069	14480062	4.04	2 1-	2 ACSR 6/1	0	0	1062	175	4	0	0	0.00	4.52	0
14470071	14470069	4.13	1 1-	15 KV 2 URD XLP	0	0	1040	391	0	0	0	0.00	4.52	0
14470070	14470069	4.09	1 1-	2 ACSR 6/1	0	0	1050	174	4	0	0	0.00	4.52	0
14470019	14480062	4.09	2 3-	1/0 ACSR 6/1	1332	1218	1053	175	11	0	0	0.00	4.49	0
14470050	14470019	4.11	1 3-	1/0 ACSR 6/1	1326	1213	1048	175	8	0	0	0.00	4.49	0
14470065	14470019	4.17	1 1-	2 ACSR 6/1	0	0	1030	174	3	0	0	0.00	4.81	0
14470066	14470065	4.25	1 1-	15 KV 2 URD XLP	0	0	1013	387	3	0	0	0.00	4.81	0
14470022	14480062	4.22	408 3-	1/0 ACSR 6/1	1299	1186	1023	174	1629	71	31	0.24	4.74	318
D14-47-P017	14470022	4.22	1 1-	FUS	0	0	1023	174	1	0	2	0.00	5.05	0
14470077	D14-47-P017	4.32	1 1-	2 ACSR 6/1	0	0	998	173	1	0	0	0.00	5.05	0
14470056	14470022	4.43	405 3-	1/0 ACSR 6/1	1248	1137	979	173	1619	70	31	0.23	4.98	304
14570035	14470056	4.49	403 3-	1/0 ACSR 6/1	1236	1126	968	173	1608	70	31	0.06	5.04	76
14570038	14570035	4.76	2 1-	15 KV 2 URD XLP	0	0	910	370	7	0	1	0.00	5.05	0
14570027	14570035	4.58	401 3-	1/0 ACSR 6/1	1215	1105	950	172	1601	70	31	0.10	5.14	134
14570030	14570027	4.66	1 1-	2 ACSR 6/1	0	0	933	172	11	1	1	0.00	4.83	0
14470029	14570030	4.72	1 1-	2 ACSR 6/1	0	0	919	171	11	1	1	0.00	4.83	0
14570026	14570027	4.84	400 3-	1/0 ACSR 6/1	1162	1054	904	171	1588	69	30	0.27	5.42	350
14470023	14570026	4.86	393 3-	1/0 ACSR 6/1	1156	1049	899	171	1542	67	30	0.03	5.45	38
14470047	14470023	4.89	391 3-	1/0 ACSR 6/1	1151	1044	895	171	1528	67	29	0.02	5.48	33
14470049	14470047	4.93	382 3-	1/0 ACSR 6/1	1143	1037	888	170	1480	65	28	0.04	5.52	48

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14470054	14470049	4.99	379 3-	1/0 ACSR 6/1	1132	1026	879	170	1465	64	28	0.05	5.58	66
14470053	14470054	5.08	365 3-	1/0 ACSR 6/1	1114	1009	864	170	1395	61	27	0.10	5.67	105
14470042	14470053	5.17	364 3-	1/0 ACSR 6/1	1097	993	849	169	1392	61	27	0.09	5.76	99
14470017	14470042	5.30	360 3-	1/0 ACSR 6/1	1076	973	831	169	1380	60	26	0.12	5.87	127
14460102	14470017	5.38	359 3-	1/0 ACSR 6/1	1061	959	819	168	1367	60	26	0.08	5.95	86
14460123	14460102	5.47	1 3-	1/0 ACSR 6/1	1046	944	806	168	20	0	0	0.00	5.95	0
14560029	14460123	5.53	0 1-	2 ACSR 6/1	0	0	797	167	0	0	0	0.00	5.95	0
14460092	14460102	5.44	355 3-	1/0 ACSR 6/1	1051	950	811	168	1335	58	26	0.06	6.01	60
14460103	14460092	5.48	158 3-	2 ACSR 6/1	1043	941	804	168	573	25	14	0.01	6.03	13
14460104	14460103	5.72	157 3-	2 ACSR 6/1	996	896	766	166	573	25	14	0.08	6.18	75
14460134	14460104	5.79	0 1-	2 ACSR 6/1	0	0	756	166	0	0	0	0.00	6.10	0
14460064	14460104	5.93	156 3-	2 ACSR 6/1	959	860	736	165	570	25	14	0.07	6.31	64
14460071	14460064	5.98	155 3-	2 ACSR 6/1	950	852	729	164	569	25	14	0.02	6.34	15
14460072	14460071	6.04	153 3-	2 ACSR 6/1	940	843	721	164	566	25	14	0.02	6.37	18
14460118	14460072	6.08	4 1-	2 ACSR 6/1	0	0	716	164	9	1	1	0.00	6.20	0
14460119	14460118	6.13	3 1-	2 ACSR 6/1	0	0	710	163	7	0	0	0.00	6.21	0
14460090	14460119	6.15	2 1-	2 ACSR 6/1	0	0	707	163	4	0	0	0.00	6.21	0
14460074	14460072	6.12	140 3-	2 ACSR 6/1	926	829	710	163	530	23	13	0.03	6.42	22
14460075	14460074	6.16	138 3-	2 ACSR 6/1	921	824	706	163	524	23	13	0.01	6.44	9
14460076	14460075	6.19	136 3-	2 ACSR 6/1	915	819	701	163	520	23	13	0.01	6.46	9
14460068	14460076	6.26	135 3-	2 ACSR 6/1	904	809	693	162	518	22	13	0.02	6.49	18
14460077	14460068	6.28	47 1-	2 ACSR 6/1	0	0	690	162	194	25	14	0.02	6.96	2
D14-46-P170	14460077	6.28	46 1-	REC-35-H	0	0	690	162	193	25	74	0.00	6.96	0
14460069	D14-46-P170	6.49	46 1-	2 ACSR 6/1	0	0	665	161	193	25	14	0.16	7.12	25
14460085	14460069	6.54	11 1-	2 ACSR 6/1	0	0	659	161	51	6	4	0.01	7.13	0
14460086	14460085	6.57	10 1-	2 ACSR 6/1	0	0	656	160	47	6	3	0.01	7.13	0
14460087	14460086	6.61	9 1-	2 ACSR 6/1	0	0	652	160	47	6	3	0.01	7.14	0
14460081	14460087	6.66	8 1-	2 ACSR 6/1	0	0	646	160	39	5	3	0.01	7.15	0
14460088	14460081	6.72	1 1-	2 ACSR 6/1	0	0	640	159	0	0	0	0.00	7.15	0
14460082	14460081	6.71	6 1-	2 ACSR 6/1	0	0	640	160	30	4	2	0.00	7.15	0
14460131	14460082	6.76	2 1-	2 ACSR 6/1	0	0	635	159	9	1	1	0.00	7.15	0
14460132	14460131	6.84	1 1-	2 ACSR 6/1	0	0	627	159	4	0	0	0.00	7.15	0
14460070	14460069	6.51	33 1-	2 ACSR 6/1	0	0	663	161	138	18	10	0.01	7.12	0
14460110	14460070	6.52	32 1-	2 ACSR 6/1	0	0	662	161	131	17	10	0.01	7.13	0
14460111	14460110	6.60	32 1-	2 ACSR 6/1	0	0	653	160	131	17	10	0.04	7.17	4
14460109	14460111	6.66	5 1-	2 ACSR 6/1	0	0	646	160	8	1	1	0.00	7.17	0
14460121	14460109	6.72	1 1-	2 ACSR 6/1	0	0	640	159	2	0	0	0.00	7.17	0
14460108	14460111	6.65	26 1-	2 ACSR 6/1	0	0	647	160	120	16	9	0.02	7.19	2
14460107	14460108	6.69	2 1-	2 ACSR 6/1	0	0	643	160	12	1	1	0.00	7.19	0
14460095	14460108	6.72	22 1-	2 ACSR 6/1	0	0	640	159	98	13	7	0.02	7.22	2
14460120	14460095	6.75	4 1-	2 ACSR 6/1	0	0	636	159	17	2	1	0.00	7.22	0
14560032	14460120	6.78	3 1-	2 ACSR 6/1	0	0	634	159	15	1	1	0.00	7.22	0
14560031	14560032	6.83	2 1-	2 ACSR 6/1	0	0	628	159	10	1	1	0.00	7.22	0
14560040	14560031	6.96	1 1-	2 ACSR 6/1	0	0	615	158	4	0	0	0.00	7.23	0
14560041	14560040	7.03	0 1-	2 ACSR 6/1	0	0	608	158	0	0	0	0.00	7.23	0
14560058	14560041	7.15	0 1-	2 ACSR 6/1	0	0	597	157	0	0	0	0.00	7.23	0
14560039	14560031	6.95	1 1-	2 ACSR 6/1	0	0	616	158	6	0	0	0.00	7.23	0
14460130	14460095	6.81	17 1-	2 ACSR 6/1	0	0	630	159	75	10	6	0.03	7.24	2
14560076	14460130	6.89	16 1-	2 ACSR 6/1	0	0	621	158	69	9	5	0.02	7.26	0
14560056	14560076	6.95	13 1-	2 ACSR 6/1	0	0	615	158	53	7	4	0.01	7.28	0
14560057	14560056	6.99	12 1-	2 ACSR 6/1	0	0	612	158	47	6	3	0.01	7.28	0
14560042	14560057	7.03	12 1-	2 ACSR 6/1	0	0	608	158	47	6	3	0.01	7.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14460113	14560042	7.07	10 1-	2 ACSR 6/1	0	0	604	157	40	5	3	0.01	7.30	0
14460101	14460113	7.12	9 1-	2 ACSR 6/1	0	0	599	157	40	5	3	0.01	7.30	0
14460096	14460101	7.15	8 1-	2 ACSR 6/1	0	0	597	157	35	4	3	0.00	7.31	0
14460112	14460096	7.24	2 1-	2 ACSR 6/1	0	0	589	156	11	1	1	0.00	7.31	0
14460122	14460112	7.33	1 1-	2 ACSR 6/1	0	0	581	156	6	0	0	0.00	7.31	0
14560077	14460122	7.36	1 1-	2 ACSR 6/1	0	0	578	156	6	0	0	0.00	7.31	0
14460097	14460096	7.20	4 1-	2 ACSR 6/1	0	0	592	156	17	2	1	0.00	7.31	0
14460098	14460097	7.25	3 1-	2 ACSR 6/1	0	0	587	156	17	2	1	0.00	7.31	0
14460099	14460098	7.30	3 1-	2 ACSR 6/1	0	0	583	156	17	2	1	0.00	7.32	0
14460105	14460099	7.36	2 1-	2 ACSR 6/1	0	0	578	156	10	1	1	0.00	7.32	0
14460133	14460105	7.38	1 1-	2 ACSR 6/1	0	0	576	155	5	0	0	0.00	7.32	0
14560027	14560076	6.97	1 1-	2 ACSR 6/1	0	0	614	158	4	0	0	0.00	7.27	0
14460106	14460070	6.55	1 1-	2 ACSR 6/1	0	0	658	161	7	0	1	0.00	7.12	0
14460038	14460068	6.37	88 3-	1/0 ACSR 6/1	890	795	681	162	324	14	6	0.01	6.52	13
14460083	14460038	6.41	1 1-	2 ACSR 6/1	0	0	677	162	4	0	0	0.00	6.34	0
14460037	14460038	6.42	87 3-	1/0 ACSR 6/1	884	790	676	162	320	14	6	0.00	6.53	5
D14-46-P187	14460037	6.42	87 3-	REC-35-H	884	790	676	162	320	14	41	0.00	6.53	0
14460084	D14-46-P187	6.48	87 3-	1/0 ACSR 6/1	877	784	671	161	320	14	6	0.00	6.54	6
14460080	14460084	6.53	85 3-	1/0 ACSR 6/1	872	778	666	161	316	14	6	0.00	6.55	5
14460089	14460080	6.59	84 3-	1/0 ACSR 6/1	865	772	661	161	313	13	6	0.01	6.57	6
14460100	14460089	6.65	4 1-	2 ACSR 6/1	0	0	653	161	11	1	1	0.00	6.46	0
14460093	14460089	6.65	1 1-	2 ACSR 6/1	0	0	654	161	2	0	0	0.00	6.46	0
14460035	14460089	6.80	79 3-	1/0 ACSR 6/1	841	750	641	160	301	13	6	0.02	6.61	20
14450039	14460035	6.87	2 1-	2 ACSR 6/1	0	0	634	160	6	0	0	0.00	6.58	0
14450041	14450039	6.92	1 1-	2 ACSR 6/1	0	0	628	159	3	0	0	0.00	6.58	0
14450016	14460035	6.91	77 3-	1/0 ACSR 6/1	829	739	631	159	295	13	6	0.01	6.63	10
14450018	14450016	6.96	77 3-	1/0 ACSR 6/1	824	735	628	159	295	13	6	0.00	6.64	4
14450071	14450018	7.00	21 1-	2 ACSR 6/1	0	0	624	159	113	15	8	0.02	6.35	2
14450072	14450071	7.08	20 1-	2 ACSR 6/1	0	0	616	159	109	14	8	0.03	6.38	3
14450045	14450072	7.13	19 1-	2 ACSR 6/1	0	0	610	158	102	13	8	0.02	6.40	2
14450060	14450045	7.19	17 1-	2 ACSR 6/1	0	0	604	158	91	12	7	0.02	6.43	2
14450061	14450060	7.24	16 1-	2 ACSR 6/1	0	0	600	157	87	11	6	0.02	6.44	1
14450062	14450061	7.29	1 1-	2 ACSR 6/1	0	0	596	157	4	0	0	0.00	6.44	0
14450065	14450062	7.33	1 1-	2 ACSR 6/1	0	0	591	157	4	0	0	0.00	6.44	0
14450063	14450061	7.31	14 1-	2 ACSR 6/1	0	0	594	157	70	9	5	0.02	6.46	0
14450064	14450063	7.39	12 1-	2 ACSR 6/1	0	0	586	157	54	7	4	0.02	6.47	0
14450066	14450064	7.44	10 1-	2 ACSR 6/1	0	0	581	156	48	6	4	0.01	6.48	0
14450067	14450066	7.51	7 1-	2 ACSR 6/1	0	0	575	156	39	5	3	0.01	6.49	0
14450068	14450067	7.56	6 1-	2 ACSR 6/1	0	0	571	156	33	4	2	0.01	6.50	0
14450069	14450068	7.61	6 1-	2 ACSR 6/1	0	0	567	155	33	4	2	0.00	6.50	0
14450070	14450069	7.69	4 1-	2 ACSR 6/1	0	0	560	155	26	3	2	0.01	6.51	0
14460114	14450070	7.79	3 1-	2 ACSR 6/1	0	0	552	154	16	2	1	0.00	6.52	0
14450051	14460114	7.83	1 1-	2 ACSR 6/1	0	0	549	154	7	0	1	0.00	6.52	0
14450058	14450061	7.31	1 1-	2 ACSR 6/1	0	0	593	157	13	1	1	0.00	6.44	0
14450059	14450045	7.23	1 1-	2 ACSR 6/1	0	0	601	158	5	0	0	0.00	6.41	0
14450057	14450059	7.38	0 1-	2 ACSR 6/1	0	0	588	157	0	0	0	0.00	6.41	0
14450040	14450018	7.05	56 1-	2 ACSR 6/1	0	0	619	159	181	24	13	0.06	6.73	9
14450044	14450040	7.10	56 1-	2 ACSR 6/1	0	0	614	158	181	24	13	0.04	6.76	5
14450043	14450044	7.20	52 1-	2 ACSR 6/1	0	0	604	158	177	23	13	0.07	6.83	10
14450038	14450043	7.25	51 1-	2 ACSR 6/1	0	0	599	157	173	23	13	0.03	6.86	5
14450047	14450038	7.30	50 1-	2 ACSR 6/1	0	0	594	157	171	22	13	0.03	6.90	5
14450048	14450047	7.49	48 1-	2 ACSR 6/1	0	0	578	156	161	21	12	0.12	7.01	15

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14450073	14450048	7.53	43 1-	2 ACSR 6/1	0	0	574	156	149	19	11	0.03	7.04	3
14450075	14450073	7.66	1 1-	2 ACSR 6/1	0	0	563	155	5	0	0	0.00	7.04	0
14450074	14450073	7.77	42 1-	2 ACSR 6/1	0	0	554	154	144	19	11	0.13	7.17	15
14450050	14450074	7.85	41 1-	2 ACSR 6/1	0	0	548	154	141	18	11	0.04	7.21	5
14450054	14450050	7.96	40 1-	2 ACSR 6/1	0	0	539	153	138	18	10	0.06	7.27	7
14450056	14450054	8.07	38 1-	2 ACSR 6/1	0	0	531	152	133	17	10	0.05	7.32	6
14440009	14450056	8.19	37 1-	2 ACSR 6/1	0	0	522	152	128	17	10	0.06	7.38	6
14440007	14440009	8.44	36 1-	2 ACSR 6/1	0	0	504	150	125	16	9	0.12	7.50	13
14440005	14440007	8.56	24 1-	2 ACSR 6/1	0	0	497	150	80	10	6	0.03	7.54	2
14540036	14440005	8.72	22 1-	2 ACSR 6/1	0	0	486	149	71	9	5	0.04	7.58	3
14540034	14540036	8.79	20 1-	2 ACSR 6/1	0	0	482	148	69	9	5	0.02	7.60	0
14540037	14540034	8.84	1 1-	2 ACSR 6/1	0	0	479	148	3	0	0	0.00	7.60	0
14540040	14540037	8.89	0 1-	2 ACSR 6/1	0	0	476	148	0	0	0	0.00	7.60	0
14540014	14540034	8.88	19 1-	2 ACSR 6/1	0	0	477	148	66	8	5	0.02	7.62	1
14540041	14540014	8.96	1 1-	2 ACSR 6/1	0	0	472	147	4	0	0	0.00	7.62	0
14540038	14540014	8.92	18 1-	2 ACSR 6/1	0	0	474	148	62	8	5	0.01	7.63	0
14540039	14540038	8.95	2 1-	2 ACSR 6/1	0	0	472	147	2	0	0	0.00	7.63	0
14540049	14540039	8.97	2 1-	2 ACSR 6/1	0	0	471	147	2	0	0	0.00	7.63	0
14540044	14540038	8.94	14 1-	2 ACSR 6/1	0	0	473	147	52	6	4	0.01	7.64	0
14540045	14540044	9.08	14 1-	2 ACSR 6/1	0	0	464	147	52	6	4	0.03	7.66	0
14540048	14540045	9.17	1 1-	2 ACSR 6/1	0	0	460	146	5	0	0	0.00	7.66	0
14540046	14540045	9.12	11 1-	2 ACSR 6/1	0	0	462	146	38	5	3	0.00	7.67	0
14540051	14540046	9.15	9 1-	2 ACSR 6/1	0	0	461	146	28	3	2	0.00	7.67	0
14540053	14540051	9.21	3 1-	2 ACSR 6/1	0	0	457	146	14	1	1	0.00	7.67	0
14540052	14540051	9.22	1 1-	2 ACSR 6/1	0	0	457	146	2	0	0	0.00	7.67	0
14540057	14540051	9.22	3 1-	2 ACSR 6/1	0	0	457	146	8	1	1	0.00	7.67	0
14540056	14540051	9.25	1 1-	2 ACSR 6/1	0	0	455	146	1	0	0	0.00	7.67	0
14540064	14540036	8.81	0 1-	2 ACSR 6/1	0	0	481	148	0	0	0	0.00	7.58	0
14540035	14440005	8.65	1 1-	2 ACSR 6/1	0	0	491	149	1	0	0	0.00	7.54	0
14440008	14440007	8.59	11 1-	2 ACSR 6/1	0	0	495	149	44	5	3	0.02	7.53	0
14440006	14440008	8.69	10 1-	2 ACSR 6/1	0	0	488	149	40	5	3	0.01	7.54	0
14540058	14440006	8.75	8 1-	2 ACSR 6/1	0	0	485	149	31	4	2	0.01	7.55	0
14540060	14540058	8.81	3 1-	2 ACSR 6/1	0	0	481	148	13	1	1	0.00	7.55	0
14540059	14540058	8.79	2 1-	2 ACSR 6/1	0	0	482	148	7	0	1	0.00	7.55	0
14450055	14450054	8.04	1 1-	2 ACSR 6/1	0	0	533	153	1	0	0	0.00	7.27	0
14450049	14450074	7.84	1 1-	2 ACSR 6/1	0	0	548	154	3	0	0	0.00	7.17	0
14450052	14450048	7.54	5 1-	2 ACSR 6/1	0	0	573	156	11	1	1	0.00	7.01	0
14450053	14450052	7.73	1 1-	2 ACSR 6/1	0	0	557	154	2	0	0	0.00	7.01	0
14450046	14450038	7.31	1 1-	2 ACSR 6/1	0	0	593	157	2	0	0	0.00	6.86	0
14450042	14450044	7.16	1 1-	2 ACSR 6/1	0	0	608	158	1	0	0	0.00	6.76	0
14450017	14450016	7.03	0 1-	2 ACSR 6/1	0	0	620	159	0	0	0	0.00	6.64	0
14460135	14460074	6.20	0 1-	2 ACSR 6/1	0	0	700	163	0	0	0	0.00	6.23	0
14460073	14460072	6.13	6 1-	2 ACSR 6/1	0	0	709	163	21	2	2	0.01	6.13	0
14460066	14460073	6.16	4 1-	2 ACSR 6/1	0	0	705	163	18	2	1	0.00	6.13	0
14460067	14460066	6.18	1 1-	2 ACSR 6/1	0	0	703	163	4	0	0	0.00	6.13	0
14460065	14460073	6.19	2 1-	2 ACSR 6/1	0	0	702	163	3	0	0	0.00	6.13	0
14460034	14460092	5.49	197 3-	2 ACSR 6/1	1040	939	802	168	761	33	19	0.06	6.05	29
D14-56-P091	14460034	5.49	197 3-	REC-50-H	1040	939	802	168	761	33	67	0.00	6.05	0
14560025	D14-56-P091	5.53	197 3-	2 ACSR 6/1	1032	931	795	167	761	33	19	0.05	6.08	22
14560026	14560025	5.60	195 3-	2 ACSR 6/1	1020	919	785	167	752	33	18	0.07	6.14	34
14560049	14560026	5.61	4 1-	2 ACSR 6/1	0	0	783	167	15	1	1	0.00	5.81	0
14560050	14560049	5.64	3 1-	2 ACSR 6/1	0	0	779	167	11	1	1	0.00	5.82	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14560043	14560026	5.64	16 1-	2 ACSR 6/1	0	0	779	167	68	8	5	0.01	6.19	0
14560044	14560043	5.73	14 1-	2 ACSR 6/1	0	0	765	166	58	7	4	0.02	6.21	0
14560030	14560044	5.81	1 1-	2 ACSR 6/1	0	0	753	165	2	0	0	0.00	6.22	0
14560011	14560044	5.79	13 1-	2 ACSR 6/1	0	0	756	166	57	7	4	0.01	6.23	0
14560046	14560011	5.81	12 1-	2 ACSR 6/1	0	0	753	165	49	6	4	0.00	6.23	0
14560047	14560046	5.87	11 1-	2 ACSR 6/1	0	0	744	165	41	5	3	0.01	6.24	0
14460124	14560047	5.94	1 1-	2 ACSR 6/1	0	0	735	165	12	1	1	0.00	6.24	0
14460091	14560047	5.96	8 1-	2 ACSR 6/1	0	0	732	164	24	3	2	0.01	6.25	0
14460117	14460091	5.98	4 1-	2 ACSR 6/1	0	0	730	164	15	1	1	0.00	6.25	0
14460115	14460091	6.02	4 1-	2 ACSR 6/1	0	0	724	164	9	1	1	0.00	6.25	0
14460116	14460115	6.06	3 1-	2 ACSR 6/1	0	0	718	164	5	0	0	0.00	6.25	0
14560045	14560011	5.83	1 1-	2 ACSR 6/1	0	0	750	165	8	1	1	0.00	6.23	0
14560012	14560026	5.62	175 3-	2 ACSR 6/1	1015	914	781	167	669	29	16	0.02	6.15	11
14560051	14560012	5.68	173 3-	2 ACSR 6/1	1005	904	773	166	644	28	16	0.04	6.19	19
14560052	14560051	5.76	172 3-	2 ACSR 6/1	990	890	761	166	635	28	16	0.06	6.24	29
14560053	14560052	5.79	1 1-	2 ACSR 6/1	0	0	756	166	12	1	1	0.00	6.31	0
14560013	14560052	5.80	171 3-	2 ACSR 6/1	982	883	755	166	622	27	15	0.03	6.27	15
14560059	14560013	5.84	7 1-	2 ACSR 6/1	0	0	749	165	41	5	3	0.01	6.35	0
14560033	14560059	5.87	2 1-	2 ACSR 6/1	0	0	744	165	17	2	1	0.00	6.35	0
14560060	14560059	5.88	3 1-	2 ACSR 6/1	0	0	743	165	15	2	1	0.00	6.35	0
14560061	14560060	5.92	3 1-	2 ACSR 6/1	0	0	737	165	15	2	1	0.00	6.35	0
14560036	14560061	5.99	2 1-	2 ACSR 6/1	0	0	728	164	11	1	1	0.00	6.35	0
14560037	14560036	6.04	1 1-	2 ACSR 6/1	0	0	721	164	2	0	0	0.00	6.35	0
14560034	14560013	5.85	164 3-	2 ACSR 6/1	973	874	748	165	581	25	14	0.03	6.30	14
14560072	14560034	5.99	8 1-	2 ACSR 6/1	0	0	728	164	35	4	3	0.02	5.99	0
14570017	14560072	6.06	6 1-	2 ACSR 6/1	0	0	719	164	30	3	2	0.01	5.99	0
14570021	14570017	6.12	1 1-	2 ACSR 6/1	0	0	711	163	2	0	0	0.00	5.99	0
14570019	14570017	6.11	5 1-	2 ACSR 6/1	0	0	711	163	28	3	2	0.00	6.00	0
14570022	14570019	6.17	2 1-	2 ACSR 6/1	0	0	704	163	11	1	1	0.00	6.00	0
14570020	14570019	6.17	1 1-	2 ACSR 6/1	0	0	704	163	7	0	0	0.00	6.00	0
14570056	14570020	6.22	1 1-	2 ACSR 6/1	0	0	698	163	7	0	0	0.00	6.00	0
14560035	14560034	5.92	153 3-	2 ACSR 6/1	961	862	738	165	541	23	13	0.04	6.34	18
14560062	14560035	6.00	31 1-	2 ACSR 6/1	0	0	726	164	125	16	9	0.04	6.65	4
14570014	14560062	6.06	2 1-	2 ACSR 6/1	0	0	719	164	5	0	0	0.00	6.65	0
14570033	14560062	6.13	4 1-	2 ACSR 6/1	0	0	709	163	15	2	1	0.01	6.66	0
14570034	14570033	6.18	2 1-	2 ACSR 6/1	0	0	702	163	11	1	1	0.00	6.66	0
14570028	14560062	6.06	1 1-	2 ACSR 6/1	0	0	719	164	1	0	0	0.00	6.65	0
14570031	14560062	6.15	24 1-	2 ACSR 6/1	0	0	707	163	104	13	8	0.06	6.71	5
14570032	14570031	6.19	23 1-	2 ACSR 6/1	0	0	702	163	102	13	8	0.01	6.72	1
14570029	14570032	6.27	22 1-	2 ACSR 6/1	0	0	691	162	101	13	7	0.03	6.76	3
14570039	14570029	6.34	18 1-	2 ACSR 6/1	0	0	682	162	72	9	5	0.02	6.78	1
14570047	14570039	6.40	1 1-	2 ACSR 6/1	0	0	676	162	2	0	0	0.00	6.78	0
14570051	14570047	6.44	0 1-	2 ACSR 6/1	0	0	671	161	0	0	0	0.00	6.78	0
14570046	14570039	6.39	15 1-	2 ACSR 6/1	0	0	677	162	67	8	5	0.01	6.79	0
14570052	14570046	6.42	14 1-	2 ACSR 6/1	0	0	673	161	62	8	5	0.01	6.80	0
14570054	14570052	6.45	3 1-	2 ACSR 6/1	0	0	670	161	18	2	1	0.00	6.80	0
14570050	14570054	6.50	2 1-	2 ACSR 6/1	0	0	664	161	12	1	1	0.00	6.80	0
14570053	14570052	6.47	9 1-	2 ACSR 6/1	0	0	668	161	38	5	3	0.01	6.80	0
14570013	14570053	6.52	7 1-	2 ACSR 6/1	0	0	662	161	35	4	3	0.01	6.81	0
14570049	14570013	6.58	5 1-	2 ACSR 6/1	0	0	655	160	27	3	2	0.01	6.81	0
14570018	14570049	6.64	3 1-	2 ACSR 6/1	0	0	648	160	20	2	1	0.00	6.82	0
14570048	14570013	6.62	1 1-	2 ACSR 6/1	0	0	650	160	2	0	0	0.00	6.81	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14570041	14570053	6.49	2 1-	2 ACSR 6/1	0	0	665	161	3	0	0	0.00	6.80	0
14570042	14570041	6.60	1 1-	2 ACSR 6/1	0	0	653	160	3	0	0	0.00	6.80	0
14570040	14570039	6.46	1 1-	2 ACSR 6/1	0	0	688	161	2	0	0	0.00	6.78	0
14570043	14570029	6.32	4 1-	2 ACSR 6/1	0	0	665	162	29	3	2	0.00	6.76	0
14570044	14570043	6.41	3 1-	2 ACSR 6/1	0	0	675	161	20	2	2	0.00	6.77	0
14570045	14570044	6.46	1 1-	2 ACSR 6/1	0	0	668	161	9	1	1	0.00	6.77	0
14560063	14560035	5.94	119 3-	2 ACSR 6/1	957	859	735	165	403	17	10	0.01	6.35	4
14560064	14560063	6.00	116 3-	2 ACSR 6/1	946	848	726	164	390	17	10	0.03	6.38	10
14560065	14560064	6.05	110 3-	2 ACSR 6/1	937	840	719	164	365	16	9	0.03	6.40	9
14560066	14560065	6.15	107 3-	2 ACSR 6/1	921	825	706	163	360	15	9	0.05	6.43	16
14560068	14560066	6.27	105 3-	2 ACSR 6/1	903	808	692	162	354	15	9	0.05	6.47	17
14560055	14560068	6.32	100 3-	2 ACSR 6/1	895	800	685	162	323	14	8	0.02	6.49	7
14560073	14560055	6.38	99 3-	2 ACSR 6/1	886	791	678	162	316	14	8	0.02	6.51	8
14560074	14560073	6.41	98 3-	2 ACSR 6/1	882	787	675	161	312	13	8	0.01	6.52	4
14560070	14560074	6.46	93 3-	2 ACSR 6/1	873	779	668	161	304	13	8	0.02	6.54	7
14560071	14560070	6.50	1 1-	2 ACSR 6/1	0	0	664	161	3	0	0	0.00	6.60	0
14560010	14560070	6.52	92 3-	2 ACSR 6/1	864	771	661	161	301	13	7	0.02	6.56	8
14560028	14560010	6.59	90 3-	2 ACSR 6/1	855	762	653	160	290	12	7	0.02	6.58	8
14560022	14560028	6.68	89 3-	2 ACSR 6/1	843	751	644	160	287	12	7	0.03	6.61	10
14660073	14560022	6.71	1 1-	2 ACSR 6/1	0	0	640	160	2	0	0	0.00	6.51	0
14660072	14560022	6.74	41 1-	2 ACSR 6/1	0	0	638	159	134	17	10	0.03	6.75	4
D14-66-P009	14660072	6.74	41 1-	REC-35-H	0	0	638	159	134	17	51	0.00	6.75	0
14660040	D14-66-P009	6.81	41 1-	2 ACSR 6/1	0	0	630	159	134	17	10	0.04	6.79	4
14660059	14660040	6.93	1 1-	2 ACSR 6/1	0	0	618	158	3	0	0	0.00	6.79	0
14660057	14660040	6.89	40 1-	2 ACSR 6/1	0	0	622	158	131	17	10	0.04	6.83	4
14660058	14660057	7.07	38 1-	2 ACSR 6/1	0	0	604	157	127	17	9	0.09	6.91	9
14660056	14660058	7.17	36 1-	2 ACSR 6/1	0	0	594	157	126	16	9	0.05	6.97	5
14660045	14660056	7.42	30 1-	2 ACSR 6/1	0	0	573	155	106	14	8	0.10	7.06	9
14660046	14660045	7.58	29 1-	2 ACSR 6/1	0	0	559	154	105	13	8	0.06	7.13	6
14660039	14660046	7.95	18 1-	2 ACSR 6/1	0	0	530	152	63	8	5	0.09	7.22	5
14660068	14660039	7.99	7 1-	2 ACSR 6/1	0	0	527	152	17	2	1	0.00	7.22	0
14660069	14660068	8.07	6 1-	2 ACSR 6/1	0	0	521	151	13	1	1	0.00	7.22	0
14660070	14660069	8.11	5 1-	2 ACSR 6/1	0	0	518	151	10	1	1	0.00	7.23	0
14660047	14660070	8.85	3 1-	2 ACSR 6/1	0	0	470	147	5	0	0	0.01	7.23	0
14750001	14660047	8.92	2 1-	2 ACSR 6/1	0	0	466	146	2	0	0	0.00	7.23	0
14660067	14660039	8.08	11 1-	2 ACSR 6/1	0	0	520	151	46	6	3	0.02	7.24	0
14660075	14660067	8.18	9 1-	2 ACSR 6/1	0	0	513	151	39	5	3	0.01	7.26	0
14660060	14660075	8.24	8 1-	2 ACSR 6/1	0	0	509	150	33	4	2	0.01	7.26	0
14650038	14660060	8.30	4 1-	2 ACSR 6/1	0	0	505	150	16	2	1	0.00	7.27	0
14650039	14650038	8.57	0 1-	2 ACSR 6/1	0	0	488	148	0	0	0	0.00	7.27	0
14650040	14650038	8.34	4 1-	2 ACSR 6/1	0	0	503	150	16	2	1	0.00	7.27	0
14650042	14650040	8.58	2 1-	2 ACSR 6/1	0	0	487	148	5	0	0	0.00	7.27	0
14650045	14650042	8.63	1 1-	2 ACSR 6/1	0	0	484	148	2	0	0	0.00	7.27	0
14650043	14650045	8.72	0 1-	2 ACSR 6/1	0	0	478	148	0	0	0	0.00	7.27	0
14650046	14650043	8.78	0 1-	2 ACSR 6/1	0	0	474	147	0	0	0	0.00	7.27	0
14650041	14650040	8.38	2 1-	2 ACSR 6/1	0	0	500	149	12	1	1	0.00	7.27	0
14650024	14650041	8.42	1 1-	2 ACSR 6/1	0	0	497	149	8	1	1	0.00	7.27	0
14650022	14650041	8.43	1 1-	2 ACSR 6/1	0	0	496	149	4	0	0	0.00	7.27	0
14650023	14650022	8.47	0 1-	2 ACSR 6/1	0	0	494	149	0	0	0	0.00	7.27	0
14-65-P045-A	14650023	8.47	0 1-	Open	0	0	494	149	0	0	0	0.00	7.27	0
14650031	14660060	8.28	1 1-	2 ACSR 6/1	0	0	506	150	10	1	1	0.00	7.26	0
14660074	14660067	8.13	1 1-	2 ACSR 6/1	0	0	517	151	4	0	0	0.00	7.24	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14660080	14660046	7.74	11 1-	2 ACSR 6/1	0	0	546	153	41	5	3	0.02	7.15	0
14660082	14660080	7.78	1 1-	2 ACSR 6/1	0	0	543	153	2	0	0	0.00	7.15	0
14660081	14660080	7.82	9 1-	2 ACSR 6/1	0	0	540	153	36	4	3	0.01	7.16	0
14660083	14660081	7.91	7 1-	2 ACSR 6/1	0	0	533	152	29	3	2	0.01	7.17	0
14660084	14660083	8.02	6 1-	2 ACSR 6/1	0	0	524	152	26	3	2	0.01	7.18	0
14660085	14660084	8.11	5 1-	2 ACSR 6/1	0	0	518	151	24	3	2	0.01	7.19	0
14660049	14660085	8.16	2 1-	2 ACSR 6/1	0	0	515	151	10	1	1	0.00	7.19	0
14760004	14660049	8.37	0 1-	2 ACSR 6/1	0	0	500	150	0	0	0	0.00	7.19	0
14660086	14660085	8.16	3 1-	2 ACSR 6/1	0	0	515	151	14	1	1	0.00	7.19	0
14660078	14660086	8.22	1 1-	2 ACSR 6/1	0	0	510	150	7	0	1	0.00	7.20	0
14660048	14660078	8.28	0 1-	2 ACSR 6/1	0	0	507	150	0	0	0	0.00	7.20	0
14660050	14660086	8.20	1 1-	2 ACSR 6/1	0	0	512	151	3	0	0	0.00	7.19	0
14660051	14660081	8.11	2 1-	2 ACSR 6/1	0	0	518	151	6	0	0	0.01	7.17	0
14760011	14660051	8.23	1 1-	2 ACSR 6/1	0	0	510	150	5	0	0	0.00	7.17	0
14760010	14660051	8.19	1 1-	2 ACSR 6/1	0	0	513	151	1	0	0	0.00	7.17	0
14760003	14760010	8.30	0 1-	2 ACSR 6/1	0	0	505	150	0	0	0	0.00	7.17	0
14760007	14760003	8.42	0 1-	2 ACSR 6/1	0	0	497	149	0	0	0	0.00	7.17	0
14760008	14760007	8.50	0 1-	2 ACSR 6/1	0	0	492	149	0	0	0	0.00	7.17	0
14760006	14760003	8.38	0 1-	2 ACSR 6/1	0	0	500	149	0	0	0	0.00	7.17	0
14760005	14760010	8.27	1 1-	2 ACSR 6/1	0	0	507	150	1	0	0	0.00	7.17	0
14660044	14660056	7.25	6 1-	2 ACSR 6/1	0	0	587	156	20	2	1	0.01	6.97	0
14660052	14660044	7.39	5 1-	2 ACSR 6/1	0	0	575	155	16	2	1	0.01	6.98	0
14660053	14660052	7.44	3 1-	2 ACSR 6/1	0	0	571	155	11	1	1	0.00	6.98	0
14660054	14660053	7.61	3 1-	2 ACSR 6/1	0	0	556	154	11	1	1	0.01	6.99	0
14660055	14660054	7.76	2 1-	2 ACSR 6/1	0	0	544	153	7	0	1	0.00	6.99	0
14650013	14660055	7.84	1 1-	2 ACSR 6/1	0	0	538	153	3	0	0	0.00	6.99	0
14650025	14660055	7.80	1 1-	2 ACSR 6/1	0	0	541	153	4	0	0	0.00	6.99	0
14650026	14650025	7.82	1 1-	2 ACSR 6/1	0	0	540	153	4	0	0	0.00	6.99	0
14650012	14650026	7.86	0 1-	2 ACSR 6/1	0	0	536	152	0	0	0	0.00	6.99	0
14660071	14560022	6.76	45 1-	2 ACSR 6/1	0	0	636	159	147	19	11	0.05	6.55	5
D14-66-P004	14660071	6.76	45 1-	REC-35-H	0	0	636	159	147	19	56	0.00	6.55	0
14660061	D14-66-P004	6.84	45 1-	2 ACSR 6/1	0	0	627	159	147	19	11	0.05	6.60	5
14660062	14660061	6.87	44 1-	2 ACSR 6/1	0	0	623	158	141	18	10	0.02	6.62	2
14660043	14660062	6.97	40 1-	2 ACSR 6/1	0	0	614	158	127	16	9	0.05	6.66	5
14660079	14660043	7.03	1 1-	2 ACSR 6/1	0	0	608	158	2	0	0	0.00	6.66	0
14660076	14660043	7.04	39 1-	2 ACSR 6/1	0	0	607	157	125	16	9	0.03	6.70	4
14660077	14660076	7.12	38 1-	2 ACSR 6/1	0	0	599	157	121	16	9	0.04	6.74	4
14670037	14660077	7.27	36 1-	2 ACSR 6/1	0	0	585	156	117	15	9	0.06	6.80	6
14670039	14670037	7.31	33 1-	2 ACSR 6/1	0	0	582	156	110	14	8	0.02	6.82	2
14670034	14670039	7.37	1 1-	2 ACSR 6/1	0	0	576	155	4	0	0	0.00	6.82	0
14670019	14670039	7.36	32 1-	2 ACSR 6/1	0	0	578	156	105	14	8	0.02	6.84	1
14670041	14670019	7.45	30 1-	2 ACSR 6/1	0	0	570	155	96	12	7	0.03	6.87	3
14670043	14670041	7.50	29 1-	2 ACSR 6/1	0	0	565	155	85	11	6	0.02	6.89	1
14670044	14670043	7.54	1 1-	2 ACSR 6/1	0	0	562	154	3	0	0	0.00	6.89	0
14670038	14670043	7.53	27 1-	2 ACSR 6/1	0	0	563	154	82	10	6	0.01	6.90	0
14670035	14670038	7.60	26 1-	2 ACSR 6/1	0	0	557	154	74	9	6	0.02	6.92	1
14670036	14670035	7.72	25 1-	2 ACSR 6/1	0	0	548	153	73	9	5	0.03	6.95	2
D14-67-P013	14670036	7.72	19 1-	FUS-40	0	0	548	153	54	7	20	0.00	6.95	0
14670022	D14-67-P013	7.76	19 1-	2 ACSR 6/1	0	0	544	153	54	7	4	0.01	6.96	0
14670046	14670022	7.84	1 1-	2 ACSR 6/1	0	0	538	153	6	0	0	0.00	6.96	0
14670020	14670022	7.82	18 1-	2 ACSR 6/1	0	0	540	153	49	6	4	0.01	6.97	0
14670023	14670020	7.87	1 1-	2 ACSR 6/1	0	0	536	152	8	1	1	0.00	6.97	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14670021	14670020	7.86	17 1-	2 ACSR 6/1	0	0	536	152	40	5	3	0.01	6.98	0
14670030	14670021	7.92	11 1-	2 ACSR 6/1	0	0	532	152	25	3	2	0.01	6.98	0
14670031	14670030	8.30	11 1-	2 ACSR 6/1	0	0	505	150	25	3	2	0.04	7.02	0
14670026	14670031	8.50	2 1-	2 ACSR 6/1	0	0	492	149	4	0	0	0.00	7.02	0
14670027	14670026	8.60	1 1-	2 ACSR 6/1	0	0	486	148	3	0	0	0.00	7.02	0
14670025	14670031	8.40	8 1-	2 ACSR 6/1	0	0	498	149	22	2	2	0.01	7.03	0
14670053	14670025	8.61	4 1-	2 ACSR 6/1	0	0	485	148	11	1	1	0.01	7.04	0
14670055	14670053	8.85	1 1-	2 ACSR 6/1	0	0	470	147	6	0	0	0.00	7.04	0
14670054	14670053	8.95	3 1-	2 ACSR 6/1	0	0	465	146	6	0	0	0.00	7.04	0
14670049	14670025	8.80	4 1-	2 ACSR 6/1	0	0	473	147	10	1	1	0.02	7.04	0
14680041	14670049	8.89	4 1-	2 ACSR 6/1	0	0	468	147	10	1	1	0.00	7.05	0
14680028	14680041	8.91	1 1-	2 ACSR 6/1	0	0	467	147	3	0	0	0.00	7.05	0
14680010	14680041	8.93	3 1-	2 ACSR 6/1	0	0	465	146	7	0	1	0.00	7.05	0
14680011	14680010	9.07	2 1-	2 ACSR 6/1	0	0	458	146	7	0	1	0.00	7.05	0
14580021	14680011	9.14	1 1-	2 ACSR 6/1	0	0	454	145	4	0	0	0.00	7.05	0
14680029	14680010	9.03	1 1-	2 ACSR 6/1	0	0	460	146	0	0	0	0.00	7.05	0
14670028	14670021	7.93	6 1-	2 ACSR 6/1	0	0	532	152	15	1	1	0.00	6.98	0
14670029	14670028	7.97	4 1-	2 ACSR 6/1	0	0	529	152	9	1	1	0.00	6.98	0
14670024	14670029	8.11	1 1-	2 ACSR 6/1	0	0	518	151	4	0	0	0.00	6.98	0
14670048	14670036	7.80	5 1-	2 ACSR 6/1	0	0	541	153	15	2	1	0.00	6.95	0
14670045	14670048	7.97	4 1-	2 ACSR 6/1	0	0	529	152	10	1	1	0.01	6.96	0
14670032	14670045	8.05	3 1-	2 ACSR 6/1	0	0	522	151	6	0	0	0.00	6.96	0
14770004	14670032	8.20	2 1-	2 ACSR 6/1	0	0	512	151	1	0	0	0.00	6.96	0
14770005	14770004	8.28	0 1-	2 ACSR 6/1	0	0	507	150	0	0	0	0.00	6.96	0
14770006	14770005	8.40	0 1-	2 ACSR 6/1	0	0	498	149	0	0	0	0.00	6.96	0
14670047	14670036	7.76	1 1-	2 ACSR 6/1	0	0	544	153	4	0	0	0.00	6.95	0
14670042	14670041	7.58	1 1-	2 ACSR 6/1	0	0	559	154	10	1	1	0.00	6.87	0
14670040	14670019	7.44	2 1-	2 ACSR 6/1	0	0	570	155	10	1	1	0.00	6.84	0
14670033	14660077	7.29	1 1-	2 ACSR 6/1	0	0	584	156	4	0	0	0.00	6.74	0
14660041	14660062	6.92	3 1-	2 ACSR 6/1	0	0	619	158	6	0	0	0.00	6.62	0
14660042	14660041	6.98	2 1-	2 ACSR 6/1	0	0	613	158	4	0	0	0.00	6.62	0
14660066	14660042	7.04	1 1-	2 ACSR 6/1	0	0	607	157	2	0	0	0.00	6.62	0
14660065	14660042	7.04	1 1-	2 ACSR 6/1	0	0	607	157	3	0	0	0.00	6.62	0
14660064	14660041	7.01	1 1-	2 ACSR 6/1	0	0	610	158	2	0	0	0.00	6.62	0
14660063	14660062	6.93	1 1-	2 ACSR 6/1	0	0	618	158	8	1	1	0.00	6.62	0
14560018	14560010	6.62	2 1-	2 ACSR 6/1	0	0	651	160	11	1	1	0.00	6.41	0
14560069	14560074	6.45	4 1-	2 ACSR 6/1	0	0	669	161	6	0	0	0.00	6.63	0
14560024	14560069	6.60	3 1-	2 ACSR 6/1	0	0	653	160	5	0	0	0.00	6.63	0
14560023	14560069	6.53	1 1-	2 ACSR 6/1	0	0	661	161	2	0	0	0.00	6.63	0
14560054	14560068	6.33	4 1-	2 ACSR 6/1	0	0	685	162	21	2	2	0.00	6.58	0
14560020	14560054	6.43	3 1-	2 ACSR 6/1	0	0	672	161	12	1	1	0.00	6.59	0
14560021	14560020	6.50	1 1-	2 ACSR 6/1	0	0	664	161	7	0	1	0.00	6.59	0
14560019	14560054	6.37	1 1-	2 ACSR 6/1	0	0	679	162	9	1	1	0.00	6.59	0
14560067	14560066	6.20	1 1-	2 ACSR 6/1	0	0	701	163	2	0	0	0.00	6.53	0
14560038	14560065	6.10	2 1-	2 ACSR 6/1	0	0	713	163	4	0	0	0.00	6.48	0
14560048	14560012	5.65	2 1-	2 ACSR 6/1	0	0	776	166	24	3	2	0.00	6.21	0
14560078	14560048	5.68	1 1-	2 ACSR 6/1	0	0	772	166	9	1	1	0.00	6.21	0
14470038	14470042	5.30	4 1-	2 ACSR 6/1	0	0	828	168	11	1	1	0.00	5.76	0
14470039	14470038	5.40	2 1-	2 ACSR 6/1	0	0	809	168	9	1	1	0.00	5.76	0
14470037	14470039	5.47	1 1-	2 ACSR 6/1	0	0	799	167	3	0	0	0.00	5.76	0
14470036	14470039	5.45	1 1-	2 ACSR 6/1	0	0	802	167	6	0	0	0.00	5.76	0
14470068	14470054	5.05	1 1-	2 ACSR 6/1	0	0	867	170	9	1	1	0.00	5.56	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14470074	14470054	5.02	11 1-	2 ACSR 6/1	0	0	873	170	51	6	4	0.01	5.28	0
14470075	14470074	5.05	10 1-	2 ACSR 6/1	0	0	866	170	40	5	3	0.00	5.28	0
14470076	14470075	5.11	8 1-	2 ACSR 6/1	0	0	855	169	28	3	2	0.01	5.29	0
14470052	14470076	5.16	5 1-	2 ACSR 6/1	0	0	847	169	15	2	1	0.00	5.29	0
14470073	14470052	5.21	4 1-	2 ACSR 6/1	0	0	838	169	12	1	1	0.00	5.29	0
14470072	14470073	5.25	4 1-	2 ACSR 6/1	0	0	831	168	12	1	1	0.00	5.30	0
14460094	14470072	5.30	3 1-	2 ACSR 6/1	0	0	822	168	12	1	1	0.00	5.30	0
14460129	14460094	5.58	1 1-	2 ACSR 6/1	0	0	777	166	6	0	0	0.00	5.30	0
14470051	14470076	5.14	1 1-	2 ACSR 6/1	0	0	851	169	4	0	0	0.00	5.29	0
14470048	14470047	4.93	8 1-	2 ACSR 6/1	0	0	888	170	36	4	3	0.00	5.18	0
14470033	14470048	5.00	4 1-	2 ACSR 6/1	0	0	873	170	18	2	1	0.00	5.18	0
14470034	14470033	5.04	3 1-	2 ACSR 6/1	0	0	866	170	11	1	1	0.00	5.18	0
14470032	14470048	4.98	2 1-	2 ACSR 6/1	0	0	878	170	7	0	0	0.00	5.18	0
14470018	14570026	4.89	5 1-	2 ACSR 6/1	0	0	893	171	32	4	2	0.01	5.42	0
14470028	14470018	4.96	4 1-	2 ACSR 6/1	0	0	880	170	26	3	2	0.00	5.43	0
14470020	14480062	4.16	4 3-	1/0 ACSR 6/1	1315	1202	1038	174	29	1	1	0.00	4.49	0
14470021	14470020	4.33	1 1-	2 ACSR 6/1	0	0	994	173	10	1	1	0.00	4.16	0
14470031	14470020	4.23	3 3-	1/0 ACSR 6/1	1297	1185	1022	174	19	0	0	0.00	4.49	0
14470043	14470031	4.29	2 1-	2 ACSR 6/1	0	0	1006	174	10	1	1	0.00	4.16	0
14470030	14470043	4.41	1 1-	2 ACSR 6/1	0	0	978	173	5	0	0	0.00	4.16	0
14470027	14470043	4.33	1 1-	2 ACSR 6/1	0	0	997	173	5	0	0	0.00	4.16	0
14480039	14480112	4.08	8 1-	2 ACSR 6/1	0	0	1043	174	46	6	3	0.05	4.32	2
14570023	14480039	4.17	5 1-	2 ACSR 6/1	0	0	1018	173	44	5	3	0.01	4.33	0
14570024	14570023	4.21	2 1-	2 ACSR 6/1	0	0	1009	173	21	2	2	0.00	4.34	0
14570025	14570024	4.28	2 1-	2 ACSR 6/1	0	0	991	173	21	2	2	0.00	4.34	0
14570015	14570024	4.24	0 1-	2 ACSR 6/1	0	0	1001	173	0	0	0	0.00	4.34	0
14570016	14570015	4.37	0 1-	2 ACSR 6/1	0	0	970	172	0	0	0	0.00	4.34	0
14570037	14480039	4.14	2 1-	2 ACSR 6/1	0	0	1026	174	0	0	0	0.00	4.32	0
14570036	14480039	4.17	1 1-	2 ACSR 6/1	0	0	1019	173	3	0	0	0.00	4.32	0
14480048	14480103	3.56	12 1-	2 ACSR 6/1	0	0	1189	177	67	8	5	0.01	3.99	0
14480056	14480048	3.60	11 1-	2 ACSR 6/1	0	0	1175	177	59	7	4	0.01	4.00	0
14480055	14480056	3.64	10 1-	2 ACSR 6/1	0	0	1164	177	54	6	4	0.01	4.00	0
14480054	14480055	3.72	9 1-	2 ACSR 6/1	0	0	1138	176	46	6	3	0.01	4.01	0
14480049	14480054	3.76	5 1-	2 ACSR 6/1	0	0	1126	176	23	2	2	0.00	4.02	0
14480061	14480049	3.79	4 1-	2 ACSR 6/1	0	0	1115	176	19	2	1	0.00	4.02	0
14580035	14480061	3.83	3 1-	2 ACSR 6/1	0	0	1103	175	15	1	1	0.00	4.02	0
14580032	14580035	3.87	1 1-	2 ACSR 6/1	0	0	1091	175	2	0	0	0.00	4.02	0
14480059	14480096	3.70	3 1-	2 ACSR 6/1	0	0	1138	176	13	1	1	0.01	4.13	0
14580034	14480059	3.80	1 1-	2 ACSR 6/1	0	0	1105	175	6	0	0	0.00	4.13	0
14580033	14480059	3.79	1 1-	2 ACSR 6/1	0	0	1110	175	4	0	0	0.00	4.13	0
14480043	14480045	3.25	23 3-	4/0 ACSR 6/1	1592	1474	1290	179	152	6	2	0.00	3.52	0
14480092	14480043	3.28	23 3-	4/0 ACSR 6/1	1583	1466	1281	179	152	6	2	0.00	3.52	0
14480100	14480092	3.30	4 1-	2 ACSR 6/1	0	0	1273	179	22	2	2	0.00	3.20	0
14480101	14480100	3.33	3 1-	2 ACSR 6/1	0	0	1263	179	13	1	1	0.00	3.20	0
14480093	14480092	3.37	18 3-	4/0 ACSR 6/1	1559	1443	1257	179	125	5	2	0.00	3.53	0
14480082	14480093	3.40	4 1-	2 ACSR 6/1	0	0	1244	178	23	3	2	0.00	3.21	0
14480070	14480093	3.41	14 3-	4/0 ACSR 6/1	1548	1431	1245	179	102	4	1	0.00	3.53	0
14480116	14480070	3.43	14 3-	4/0 ACSR 6/1	1543	1426	1240	178	102	4	1	0.00	3.53	0
14480120	14480116	3.51	0 1-	2 ACSR 6/1	0	0	1212	178	0	0	0	0.00	3.21	0
14480117	14480116	3.47	11 3-	4/0 ACSR 6/1	1533	1416	1230	178	79	3	1	0.00	3.53	0
14480121	14480117	3.50	10 3-	4/0 ACSR 6/1	1525	1409	1222	178	70	3	1	0.00	3.53	0
14480122	14480121	3.55	9 3-	4/0 ACSR 6/1	1510	1395	1208	178	67	2	1	0.00	3.53	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14480129	14480122	3.68	7 3-	4/0 ACSR 6/1	1479	1364	1176	178	56	2	1	0.00	3.53	0
14480136	14480129	3.70	6 3-	4/0 ACSR 6/1	1473	1359	1171	178	46	2	1	0.00	3.53	0
D14-48-P199	14480136	3.70	6 1-	FUS	0	0	1171	178	46	6	137	0.00	3.23	0
14480127	D14-48-P199	3.73	6 1-	2 ACSR 6/1	0	0	1160	177	46	6	3	0.01	3.23	0
14480137	14480127	3.76	5 1-	2 ACSR 6/1	0	0	1151	177	38	4	3	0.00	3.24	0
14480128	14480137	3.79	4 1-	2 ACSR 6/1	0	0	1142	177	31	3	2	0.00	3.24	0
14480132	14480128	3.83	3 1-	2 ACSR 6/1	0	0	1131	177	25	3	2	0.00	3.24	0
14480133	14480132	3.88	1 1-	2 ACSR 6/1	0	0	1113	176	9	1	1	0.00	3.24	0
14480131	14480128	3.82	1 1-	2 ACSR 6/1	0	0	1133	177	6	0	0	0.00	3.24	0
14480130	14480136	3.73	0 3-	4/0 ACSR 6/1	1468	1353	1165	177	0	0	0	0.00	3.53	0
14480046	14480130	3.73	0 3-	4/0 ACSR 6/1	1465	1351	1163	177	0	0	0	0.00	3.53	0
14-48-P050-B	14480046	3.73	0 3-	Open	1465	1351	1163	177	0	0	0	0.00	3.53	0
14480044	14480043	3.80	0 1-	2 ACSR 6/1	0	0	1099	175	0	0	0	0.00	3.20	0
14480037	14480045	3.27	90 3-	2 ACSR 6/1	1577	1459	1277	179	622	27	15	0.05	3.55	22
D14-48-P028	14480037	3.27	90 3-	REC-70-4H	1577	1459	1277	179	622	27	39	0.00	3.55	0
14480075	D14-48-P028	3.36	90 3-	2 ACSR 6/1	1542	1423	1245	178	622	27	15	0.07	3.61	34
14480079	14480075	3.43	1 1-	2 ACSR 6/1	0	0	1220	178	1	0	0	0.00	4.00	0
14480076	14480075	3.42	89 3-	2 ACSR 6/1	1517	1398	1222	178	620	26	15	0.05	3.65	25
14480077	14480076	3.49	88 3-	2 ACSR 6/1	1490	1370	1197	177	617	26	15	0.06	3.70	28
14480068	14480077	3.66	87 3-	2 ACSR 6/1	1427	1308	1140	176	617	26	15	0.14	3.80	66
14480087	14480068	3.70	80 3-	2 ACSR 6/1	1413	1293	1128	176	589	25	14	0.03	3.83	14
14480088	14480087	3.75	79 3-	2 ACSR 6/1	1394	1275	1111	175	583	25	14	0.04	3.86	18
14480089	14480088	3.92	78 3-	2 ACSR 6/1	1338	1219	1062	174	567	24	14	0.12	3.96	56
14480105	14480089	3.98	78 3-	2 ACSR 6/1	1318	1199	1044	173	567	24	14	0.04	4.00	20
14480106	14480105	4.12	3 3-	2 ACSR 6/1	1275	1158	1007	172	23	0	1	0.00	4.00	0
14480097	14480106	4.18	2 3-	2 ACSR 6/1	1258	1141	993	172	13	0	0	0.00	4.00	0
14480057	14480105	4.04	73 3-	2 ACSR 6/1	1299	1181	1028	173	529	23	13	0.04	4.03	18
14490109	14480057	4.20	1 1-	2 ACSR 6/1	0	0	988	172	12	1	1	0.00	4.15	0
14490099	14480057	4.10	1 1-	2 ACSR 6/1	0	0	1014	173	7	0	0	0.00	4.15	0
14490107	14480057	4.10	70 3-	2 ACSR 6/1	1281	1163	1012	173	502	21	12	0.04	4.06	16
14490108	14490107	4.15	68 3-	2 ACSR 6/1	1267	1150	1001	172	487	21	12	0.03	4.09	12
14490137	14490108	4.23	67 3-	2 ACSR 6/1	1244	1127	980	172	487	21	12	0.05	4.13	22
14490136	14490137	4.35	58 3-	2 ACSR 6/1	1209	1094	951	171	446	19	11	0.06	4.19	29
14490093	14490136	4.44	1 3-	2 ACSR 6/1	1186	1071	931	170	12	0	0	0.00	4.19	0
14490051	14490136	4.46	57 3-	2 ACSR 6/1	1179	1065	926	170	433	18	11	0.05	4.24	25
14490132	14490051	4.56	1 1-	2 ACSR 6/1	0	0	906	169	2	0	0	0.00	4.38	0
14490054	14490051	4.52	56 3-	2 ACSR 6/1	1165	1051	914	170	431	18	10	0.03	4.26	12
14490112	14490054	4.61	49 3-	2 ACSR 6/1	1141	1028	894	169	394	17	10	0.05	4.30	21
14490100	14490112	4.69	14 1-	2 ACSR 6/1	0	0	879	169	113	14	8	0.03	4.48	2
14490101	14490100	4.76	12 1-	2 ACSR 6/1	0	0	865	168	95	12	7	0.02	4.51	2
14490104	14490101	4.79	11 1-	2 ACSR 6/1	0	0	860	168	86	11	6	0.01	4.52	0
14490105	14490104	4.82	8 1-	2 ACSR 6/1	0	0	854	168	60	7	4	0.01	4.52	0
14490052	14490105	4.93	8 1-	2 ACSR 6/1	0	0	833	167	60	7	4	0.03	4.55	1
14490094	14490052	4.96	1 1-	2 ACSR 6/1	0	0	828	167	9	1	1	0.00	4.55	0
14490053	14490052	5.00	7 1-	2 ACSR 6/1	0	0	822	166	52	6	4	0.01	4.56	0
14490096	14490053	5.05	5 1-	2 ACSR 6/1	0	0	811	166	39	5	3	0.01	4.57	0
14490097	14490096	5.25	3 1-	2 ACSR 6/1	0	0	780	165	26	3	2	0.01	4.58	0
14490098	14490097	5.32	1 1-	2 ACSR 6/1	0	0	769	164	7	0	1	0.00	4.58	0
14490095	14490053	5.06	2 1-	2 ACSR 6/1	0	0	811	166	13	1	1	0.00	4.56	0
14490050	14490105	4.86	0 1-	2 ACSR 6/1	0	0	846	167	0	0	0	0.00	4.52	0
14-49-P098-A	14490050	4.86	0 1-	Open	0	0	846	167	0	0	0	0.00	4.52	0
14490139	14490104	4.84	1 1-	2 ACSR 6/1	0	0	851	167	12	1	1	0.00	4.52	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14490114	14490112	4.66	34 3-	2 ACSR 6/1	1131	1018	886	169	273	12	7	0.00	4.31	8
14490115	14490114	4.75	34 3-	2 ACSR 6/1	1109	997	867	168	273	12	7	0.01	4.34	18
14490124	14490115	4.81	33 3-	2 ACSR 6/1	1095	983	855	168	269	11	7	0.01	4.36	12
D14-49-P017	14490124	4.81	31 1-	REC-35-H	0	0	855	168	252	33	96	0.00	5.34	0
14490116	D14-49-P017	4.85	31 1-	2 ACSR 6/1	0	0	849	167	252	33	19	0.03	5.38	7
14490122	14490116	4.87	31 1-	2 ACSR 6/1	0	0	844	167	252	33	19	0.03	5.40	5
14490123	14490122	4.90	28 1-	2 ACSR 6/1	0	0	839	167	237	31	18	0.03	5.43	5
14490126	14490123	4.94	3 1-	2 ACSR 6/1	0	0	832	167	59	8	5	0.01	5.43	0
14490111	14490123	4.97	25 1-	2 ACSR 6/1	0	0	826	167	178	23	13	0.05	5.48	7
14490081	14490111	4.99	24 1-	2 ACSR 6/1	0	0	822	166	173	22	13	0.01	5.49	2
14490079	14490081	5.04	21 1-	2 ACSR 6/1	0	0	814	166	157	20	12	0.03	5.52	3
14490080	14490079	5.10	3 1-	2 ACSR 6/1	0	0	804	166	23	3	2	0.00	5.52	0
14490089	14490080	5.13	2 1-	2 ACSR 6/1	0	0	798	165	14	1	1	0.00	5.52	0
14490082	14490079	5.14	17 1-	2 ACSR 6/1	0	0	798	165	122	16	9	0.04	5.56	4
14490086	14490082	5.17	12 1-	2 ACSR 6/1	0	0	792	165	91	12	7	0.01	5.57	0
14490087	14490086	5.21	10 1-	2 ACSR 6/1	0	0	786	165	74	9	5	0.01	5.58	0
14490091	14490087	5.23	7 1-	2 ACSR 6/1	0	0	782	165	55	7	4	0.00	5.58	0
14490092	14490091	5.26	5 1-	2 ACSR 6/1	0	0	778	165	40	5	3	0.00	5.59	0
14490090	14490092	5.30	4 1-	2 ACSR 6/1	0	0	771	164	32	4	2	0.01	5.59	0
14490084	14490090	5.33	4 1-	2 ACSR 6/1	0	0	767	164	32	4	2	0.00	5.59	0
14490085	14490084	5.35	3 1-	2 ACSR 6/1	0	0	763	164	19	2	1	0.00	5.60	0
14490106	14490087	5.32	3 1-	2 ACSR 6/1	0	0	768	164	19	2	1	0.00	5.58	0
14490088	14490086	5.21	1 1-	2 ACSR 6/1	0	0	786	165	11	1	1	0.00	5.57	0
14490083	14490082	5.18	1 1-	2 ACSR 6/1	0	0	790	165	6	0	0	0.00	5.56	0
14490078	14490081	5.00	0 1-	2 ACSR 6/1	0	0	821	166	0	0	0	0.00	5.49	0
14-49-P098-B	14490078	5.00	0 1-	Open	0	0	821	166	0	0	0	0.00	5.49	0
14490125	14490124	4.94	2 3-	2 ACSR 6/1	1066	956	832	167	16	0	0	0.00	4.36	0
14490120	14490125	5.08	1 1-	2 ACSR 6/1	0	0	807	166	8	0	1	0.00	3.26	0
14490121	14490120	5.12	0 1-	2 ACSR 6/1	0	0	801	166	0	0	0	0.00	3.26	0
14490129	14490125	4.99	1 3-	2 ACSR 6/1	1055	945	823	166	9	0	0	0.00	4.36	0
14490128	14490129	5.00	0 3-	2 ACSR 6/1	1053	943	821	166	0	0	0	0.00	4.36	0
14-49-P023-B	14490128	5.00	0 1-	Open	0	0	821	166	0	0	0	0.00	3.26	0
14490133	14490054	4.59	7 1-	2 ACSR 6/1	0	0	899	169	36	4	3	0.01	3.32	0
14490110	14490133	4.76	1 1-	2 ACSR 6/1	0	0	866	168	0	0	0	0.00	3.32	0
14490134	14490133	4.63	6 1-	2 ACSR 6/1	0	0	892	169	36	4	3	0.00	3.33	0
14490113	14490134	4.68	4 1-	2 ACSR 6/1	0	0	882	169	21	2	2	0.00	3.33	0
14490135	14490137	4.56	8 1-	2 ACSR 6/1	0	0	906	169	34	4	2	0.04	4.31	1
14390025	14490135	4.63	8 1-	2 ACSR 6/1	0	0	891	169	34	4	2	0.01	4.32	0
14390015	14390025	5.00	1 1-	2 ACSR 6/1	0	0	821	166	6	0	0	0.01	4.32	0
14490142	14390015	5.07	0 1-	2 ACSR 6/1	0	0	809	166	0	0	0	0.00	4.32	0
14490141	14390015	5.07	1 1-	2 ACSR 6/1	0	0	809	166	6	0	0	0.00	4.33	0
14390028	14390025	4.73	7 1-	2 ACSR 6/1	0	0	870	168	28	3	2	0.01	4.33	0
14390029	14390028	4.81	5 1-	2 ACSR 6/1	0	0	856	168	22	2	2	0.01	4.33	0
14390024	14390029	4.87	4 1-	2 ACSR 6/1	0	0	844	167	20	2	1	0.00	4.34	0
14390023	14390024	4.95	3 1-	2 ACSR 6/1	0	0	830	167	20	2	1	0.01	4.34	0
14390027	14390023	4.98	2 1-	2 ACSR 6/1	0	0	824	166	16	2	1	0.00	4.34	0
14390026	14390027	5.10	1 1-	2 ACSR 6/1	0	0	803	166	5	0	0	0.00	4.34	0
14490077	14490108	4.21	1 1-	2 ACSR 6/1	0	0	986	172	0	0	0	0.00	3.31	0
14490064	14490108	4.23	0 3-	2 ACSR 6/1	1243	1127	980	172	0	0	0	0.00	4.09	0
14480091	14480089	3.96	0 1-	2 ACSR 6/1	0	0	1051	174	0	0	0	0.00	4.06	0
14480038	14480068	3.69	7 1-	2 ACSR 6/1	0	0	1130	176	27	3	2	0.00	3.87	0
14480081	14480038	3.74	1 1-	2 ACSR 6/1	0	0	1115	175	4	0	0	0.00	3.87	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14480080	14480038	3.77	6 1-	2 ACSR 6/1	0	0	1107	175	23	2	2	0.01	3.88	0
14480099	14480080	3.84	6 1-	2 ACSR 6/1	0	0	1084	175	23	2	2	0.01	3.89	0
14480098	14480099	3.88	2 1-	2 ACSR 6/1	0	0	1074	174	6	0	0	0.00	3.89	0
14480090	14480099	3.88	4 1-	2 ACSR 6/1	0	0	1074	174	16	2	1	0.00	3.89	0
14480073	14480041	3.03	1 3-	4/0 ACSR 6/1	1656	1538	1358	180	7	0	0	0.00	3.29	0
14480072	14480041	3.06	0 1-	2 ACSR 6/1	0	0	1340	179	0	0	0	0.00	3.20	0
14480071	14480040	2.92	1 2-	4/0 ACSR 6/1	0	1571	1393	180	3	0	0	0.00	3.28	0
14480052	14480053	2.58	3 1-	2 ACSR 6/1	0	0	1514	181	23	2	2	0.00	3.18	0
14480104	14480052	2.62	1 1-	2 ACSR 6/1	0	0	1493	181	7	0	1	0.00	3.18	0
14480135	14580016	2.61	1 1-	2 ACSR 6/1	0	0	1493	181	6	0	0	0.00	3.15	0
14590056	14590058	2.33	3 1-	2 ACSR 6/1	0	0	1621	182	24	3	2	0.00	2.58	0
14590067	14590056	2.36	1 1-	2 ACSR 6/1	0	0	1601	182	6	0	0	0.00	2.58	0
D14-59-P013	14590067	2.36	1 1-	FUS	0	0	1601	182	6	0	16	0.00	2.58	0
14590033	D14-59-P013	2.52	1 1-	2 ACSR 6/1	0	0	1509	180	6	0	0	0.00	2.58	0
14590053	14590033	2.58	1 1-	2 ACSR 6/1	0	0	1474	180	6	0	0	0.00	2.58	0
14590032	14590033	2.57	0 1-	2 ACSR 6/1	0	0	1479	180	0	0	0	0.00	2.58	0
14590070	14590056	2.38	2 1-	2 ACSR 6/1	0	0	1590	182	19	2	1	0.00	2.58	0
14590055	14590058	2.31	58 1-	2 ACSR 6/1	0	0	1628	182	288	37	21	0.05	2.62	10
14590068	14590055	2.33	3 1-	2 ACSR 6/1	0	0	1616	182	14	1	1	0.00	2.62	0
14590069	14590068	2.38	1 1-	2 ACSR 6/1	0	0	1589	182	6	0	0	0.00	2.62	0
14590052	14590055	2.35	0 1-	2 ACSR 6/1	0	0	1604	182	0	0	0	0.00	2.62	0
14590031	14590055	2.36	55 1-	2 ACSR 6/1	0	0	1603	182	273	35	20	0.04	2.66	9
D14-59-P010	14590031	2.36	55 1-	REC-70-L	0	0	1603	182	273	35	50	0.00	2.66	0
14590030	D14-59-P010	2.43	55 1-	2 ACSR 6/1	0	0	1559	181	273	35	20	0.07	2.74	16
14590081	14590030	2.46	10 1-	2 ACSR 6/1	0	0	1543	181	81	10	6	0.01	2.74	0
14590082	14590081	2.50	8 1-	2 ACSR 6/1	0	0	1519	181	66	8	5	0.01	2.75	0
14490117	14590082	2.58	7 1-	2 ACSR 6/1	0	0	1478	180	62	7	4	0.02	2.77	0
14490119	14490117	2.61	6 1-	2 ACSR 6/1	0	0	1459	180	51	6	4	0.01	2.78	0
14490068	14490119	2.64	4 1-	2 ACSR 6/1	0	0	1443	180	33	4	2	0.00	2.78	0
14490072	14490068	2.70	2 1-	2 ACSR 6/1	0	0	1416	179	12	1	1	0.00	2.78	0
14490067	14490068	2.69	1 1-	2 ACSR 6/1	0	0	1421	179	12	1	1	0.00	2.78	0
14490118	14490117	2.62	0 1-	2 ACSR 6/1	0	0	1457	180	0	0	0	0.00	2.77	0
14590104	14590030	2.54	45 1-	2 ACSR 6/1	0	0	1499	180	192	24	14	0.08	2.81	11
14490127	14590104	2.61	44 1-	2 ACSR 6/1	0	0	1462	180	185	23	13	0.05	2.86	7
14490073	14490127	2.72	43 1-	2 ACSR 6/1	0	0	1405	179	182	23	13	0.08	2.93	11
14490057	14490073	2.87	4 1-	2 ACSR 6/1	0	0	1334	178	18	2	1	0.01	2.94	0
14590044	14490057	2.93	1 1-	2 ACSR 6/1	0	0	1308	177	10	1	1	0.00	2.94	0
14490058	14490073	2.77	38 1-	2 ACSR 6/1	0	0	1383	179	161	20	12	0.03	2.96	3
14490059	14490058	2.82	37 1-	2 ACSR 6/1	0	0	1356	178	158	20	11	0.03	3.00	4
14490060	14490059	2.85	35 1-	2 ACSR 6/1	0	0	1344	178	155	20	11	0.01	3.01	2
14490061	14490060	2.91	34 1-	2 ACSR 6/1	0	0	1319	178	152	19	11	0.03	3.04	4
14490074	14490061	3.00	1 1-	2 ACSR 6/1	0	0	1280	177	9	1	1	0.00	3.04	0
14490049	14490061	3.03	0 1-	2 ACSR 6/1	0	0	1266	177	0	0	0	0.00	3.04	0
14-49-P023-A	14490049	3.03	0 1-	Open	0	0	1266	177	0	0	0	0.00	3.04	0
14490048	14490061	3.07	31 1-	2 ACSR 6/1	0	0	1252	176	131	16	9	0.08	3.12	8
14590061	14490048	3.16	13 1-	2 ACSR 6/1	0	0	1217	176	47	6	3	0.02	3.14	0
14590062	14590061	3.21	11 1-	2 ACSR 6/1	0	0	1199	175	44	5	3	0.01	3.14	0
14590051	14590062	3.27	1 1-	2 ACSR 6/1	0	0	1178	175	7	0	0	0.00	3.14	0
14590049	14590062	3.43	10 1-	2 ACSR 6/1	0	0	1124	174	37	4	3	0.03	3.17	0
14590063	14590049	3.49	9 1-	2 ACSR 6/1	0	0	1105	173	37	4	3	0.01	3.18	0
14590065	14590063	3.54	2 1-	2 ACSR 6/1	0	0	1088	173	8	1	1	0.00	3.18	0
14590064	14590063	3.53	3 1-	2 ACSR 6/1	0	0	1093	173	15	1	1	0.00	3.18	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14590047	14590064	3.58	2 1-	2 ACSR 6/1	0	0	1076	173	14	1	1	0.00	3.18	0
14590048	14590047	3.63	1 1-	2 ACSR 6/1	0	0	1063	172	5	0	0	0.00	3.18	0
14590045	14590064	3.79	1 1-	2 ACSR 6/1	0	0	1017	171	1	0	0	0.00	3.18	0
14590046	14590045	4.07	0 1-	2 ACSR 6/1	0	0	947	169	0	0	0	0.00	3.18	0
14590105	14490048	3.25	18 1-	2 ACSR 6/1	0	0	1186	175	83	10	6	0.05	3.17	3
14490131	14590105	3.41	1 1-	2 ACSR 6/1	0	0	1128	174	2	0	0	0.00	3.17	0
14490130	14590105	3.34	12 1-	2 ACSR 6/1	0	0	1152	174	69	8	5	0.02	3.19	1
14490069	14490130	3.45	11 1-	2 ACSR 6/1	0	0	1118	174	61	7	4	0.02	3.22	0
14490071	14490069	3.58	9 1-	2 ACSR 6/1	0	0	1076	173	42	5	3	0.02	3.24	0
14490102	14490071	3.66	2 1-	15 KV 2 URD XLP	0	0	1055	383	20	2	2	0.01	3.24	0
14490103	14490102	3.73	1 1-	15 KV 2 URD XLP	0	0	1033	379	10	1	1	0.00	3.24	0
14490075	14490071	3.86	7 1-	2 ACSR 6/1	0	0	998	171	22	2	2	0.02	3.26	0
14490076	14490075	3.89	5 1-	2 ACSR 6/1	0	0	990	170	16	2	1	0.00	3.26	0
14490062	14490076	3.94	1 1-	2 ACSR 6/1	0	0	978	170	1	0	0	0.00	3.26	0
14490063	14490076	3.91	4 1-	2 ACSR 6/1	0	0	985	170	15	1	1	0.00	3.26	0
14490065	14490063	4.03	2 1-	2 ACSR 6/1	0	0	957	169	7	0	0	0.00	3.26	0
14490066	14490065	4.21	1 1-	2 ACSR 6/1	0	0	916	168	1	0	0	0.00	3.26	0
20851696	14490066	4.40	1 1-	2 ACSR 6/1	0	0	875	167	1	0	0	0.00	3.26	0
14490070	14490069	3.50	1 1-	2 ACSR 6/1	0	0	1101	173	10	1	1	0.00	3.22	0
14590034	14590085	1.78	89 3-	4/0 ACSR 6/1	2150	2040	1929	184	474	20	6	0.00	2.03	0
D14-59-P167	14590034	1.78	89 3-	REC-70-L	2150	2040	1929	184	474	20	29	0.00	2.03	0
14590083	D14-59-P167	1.79	89 3-	4/0 ACSR 6/1	2142	2032	1919	184	474	20	6	0.01	2.04	1
14590086	14590083	1.81	88 3-	4/0 ACSR 6/1	2135	2025	1911	184	470	20	6	0.00	2.04	0
14590087	14590086	1.98	86 3-	4/0 ACSR 6/1	2052	1939	1808	183	460	19	6	0.05	2.07	12
14590078	14590087	2.01	80 3-	4/0 ACSR 6/1	2040	1925	1792	183	434	18	5	0.01	2.07	2
14590088	14590078	2.05	78 3-	4/0 ACSR 6/1	2020	1905	1769	183	419	17	5	0.01	2.08	3
14590091	14590088	2.10	77 3-	4/0 ACSR 6/1	1999	1884	1743	183	410	17	5	0.01	2.09	3
14590092	14590091	2.12	76 3-	4/0 ACSR 6/1	1988	1873	1730	183	404	17	5	0.01	2.09	1
14590096	14590092	2.17	63 3-	4/0 ACSR 6/1	1967	1851	1705	183	359	15	5	0.01	2.10	2
14590066	14590096	2.20	60 3-	4/0 ACSR 6/1	1954	1838	1690	183	335	14	4	0.01	2.10	1
14590102	14590066	2.24	4 1-	2 ACSR 6/1	0	0	1667	182	23	2	2	0.00	2.03	0
14590054	14590066	2.24	55 3-	4/0 ACSR 6/1	1938	1821	1671	182	307	13	4	0.01	2.10	1
14580025	14590054	2.37	54 3-	4/0 ACSR 6/1	1886	1768	1610	182	303	12	4	0.02	2.12	4
14580037	14580025	2.44	3 1-	2 ACSR 6/1	0	0	1567	181	14	1	1	0.00	2.06	0
14680032	14580037	2.47	1 1-	2 ACSR 6/1	0	0	1552	181	10	1	1	0.00	2.06	0
14580036	14580025	2.43	50 3-	4/0 ACSR 6/1	1860	1742	1582	182	280	12	4	0.01	2.12	2
14680022	14580036	2.50	47 3-	4/0 ACSR 6/1	1835	1717	1553	182	269	11	3	0.01	2.13	2
14680023	14680022	2.55	44 3-	4/0 ACSR 6/1	1815	1697	1531	181	258	11	3	0.01	2.14	1
14680035	14680023	2.61	3 1-	2 ACSR 6/1	0	0	1500	181	8	1	1	0.00	2.08	0
14680036	14680035	2.75	1 1-	2 ACSR 6/1	0	0	1427	180	2	0	0	0.00	2.08	0
14680055	14680035	2.64	0 1-	2 ACSR 6/1	0	0	1486	181	0	0	0	0.00	2.08	0
14680033	14680023	2.59	40 3-	4/0 ACSR 6/1	1803	1685	1517	181	245	10	3	0.00	2.14	0
14680034	14680033	2.63	39 3-	4/0 ACSR 6/1	1789	1671	1502	181	242	10	3	0.00	2.14	0
14680015	14680034	2.66	11 1-	2 ACSR 6/1	0	0	1482	181	42	5	3	0.01	2.09	0
14680016	14680015	2.67	10 1-	2 ACSR 6/1	0	0	1477	181	34	4	2	0.00	2.09	0
14680012	14680016	2.69	7 1-	2 ACSR 6/1	0	0	1466	181	22	2	2	0.00	2.09	0
14680013	14680012	2.71	6 1-	2 ACSR 6/1	0	0	1458	181	20	2	1	0.00	2.09	0
14680018	14680013	2.73	4 1-	2 ACSR 6/1	0	0	1446	180	13	1	1	0.00	2.09	0
14680019	14680018	2.76	3 1-	2 ACSR 6/1	0	0	1432	180	10	1	1	0.00	2.10	0
14680014	14680034	2.70	27 3-	4/0 ACSR 6/1	1764	1645	1474	181	192	8	2	0.00	2.15	1
14680017	14680014	2.76	3 1-	2 ACSR 6/1	0	0	1444	180	25	3	2	0.00	1.92	0
14680020	14680017	2.80	1 1-	2 ACSR 6/1	0	0	1422	180	9	1	1	0.00	1.92	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14680054	14680020	2.95	0 1-	2 ACSR 6/1	0	0	1354	179	0	0	0	0.00	1.92	0
14680025	14680014	2.77	22 3-	4/0 ACSR 6/1	1739	1620	1446	181	150	6	2	0.00	2.15	1
14680047	14680025	2.84	18 1-	2 ACSR 6/1	0	0	1415	180	115	14	8	0.03	2.48	2
14680050	14680047	2.86	3 1-	2 ACSR 6/1	0	0	1405	180	27	3	2	0.00	2.48	0
14680051	14680050	2.90	2 1-	2 ACSR 6/1	0	0	1386	180	14	1	1	0.00	2.48	0
14680048	14680047	2.86	14 1-	2 ACSR 6/1	0	0	1405	180	81	10	6	0.01	2.49	0
14680052	14680048	2.90	13 1-	2 ACSR 6/1	0	0	1387	180	73	9	5	0.01	2.50	0
14680049	14680052	2.94	2 1-	2 ACSR 6/1	0	0	1365	179	16	2	1	0.00	2.50	0
14680053	14680052	2.97	10 1-	2 ACSR 6/1	0	0	1353	179	50	6	4	0.01	2.51	0
14680037	14680053	3.02	4 1-	2 ACSR 6/1	0	0	1330	179	22	2	2	0.00	2.52	0
14680038	14680037	3.07	3 1-	2 ACSR 6/1	0	0	1310	178	20	2	1	0.00	2.52	0
14680039	14680038	3.11	1 1-	2 ACSR 6/1	0	0	1293	178	8	1	1	0.00	2.52	0
14680030	14680053	3.11	6 1-	2 ACSR 6/1	0	0	1292	178	28	3	2	0.01	2.53	0
14680040	14680030	3.15	2 1-	2 ACSR 6/1	0	0	1276	178	12	1	1	0.00	2.53	0
14680031	14680030	3.14	3 1-	2 ACSR 6/1	0	0	1280	178	13	1	1	0.00	2.53	0
14680024	14680031	3.17	1 1-	2 ACSR 6/1	0	0	1270	178	2	0	0	0.00	2.53	0
14680026	14680025	2.86	3 1-	2 ACSR 6/1	0	0	1401	180	26	3	2	0.01	1.92	0
14680027	14680026	2.91	2 1-	2 ACSR 6/1	0	0	1381	180	12	1	1	0.00	1.92	0
14590095	14590092	2.15	12 1-	2 ACSR 6/1	0	0	1711	183	40	5	3	0.00	2.02	0
14590094	14590095	2.18	8 1-	2 ACSR 6/1	0	0	1692	182	12	1	1	0.00	2.02	0
14590093	14590095	2.18	1 1-	2 ACSR 6/1	0	0	1690	182	9	1	1	0.00	2.02	0
14590075	14590078	2.04	2 1-	2 ACSR 6/1	0	0	1770	183	15	1	1	0.00	1.94	0
14590080	14590075	2.07	1 1-	2 ACSR 6/1	0	0	1745	183	6	0	0	0.00	1.94	0
14590079	14590087	2.00	5 1-	2 ACSR 6/1	0	0	1793	183	17	2	1	0.00	1.97	0
14590074	14590079	2.02	4 1-	2 ACSR 6/1	0	0	1778	183	14	1	1	0.00	1.98	0
14590090	14590074	2.07	1 1-	2 ACSR 6/1	0	0	1740	183	3	0	0	0.00	1.98	0
14590076	14590074	2.07	3 1-	2 ACSR 6/1	0	0	1744	183	11	1	1	0.00	1.98	0
14590084	14590110	1.69	0 1-	2 ACSR 6/1	0	0	1981	184	0	0	0	0.00	1.83	0
14590072	14590112	1.66	4 1-	2 ACSR 6/1	0	0	2004	184	17	2	1	0.00	1.79	0
14590073	14590072	1.71	1 1-	2 ACSR 6/1	0	0	1960	184	5	0	0	0.00	1.79	0
14590103	14690064	1.48	7 1-	2 ACSR 6/1	0	0	2130	185	36	4	3	0.01	1.52	0
14590099	14590103	1.52	5 1-	2 ACSR 6/1	0	0	2096	185	31	4	2	0.00	1.52	0
14590101	14590099	1.56	4 1-	2 ACSR 6/1	0	0	2053	184	25	3	2	0.00	1.53	0
14590100	14590101	1.65	1 1-	2 ACSR 6/1	0	0	1971	184	5	0	0	0.00	1.53	0
14590050	14590101	1.66	1 1-	2 ACSR 6/1	0	0	1958	183	7	0	1	0.00	1.53	0
15620034	15620039	0.16	0 3-	336 ACSR 18/1	3211	3317	3654	188	0	0	0	0.00	0.15	0
CKT 1 total losses:	\$15,104													

SUB 64, CKT 2

BK6402	GOLDBUG(64)	0.00	581 3-	BK6402	3358	3539	3970	189	2785	116	29	0.00	0.00	0
15620050	BK6402	0.84	581 3-	336 ACSR 18/1	2699	2646	2714	187	2785	116	22	0.16	0.42	1037
14690121	15620050	0.92	581 3-	336 ACSR 18/1	2645	2582	2628	187	2775	116	22	0.02	0.46	108
14690116	14690121	1.02	581 3-	336 ACSR 18/1	2589	2526	2640	186	2774	116	22	0.02	0.51	117
14690117	14690116	1.07	1 1-	2 ACSR 6/1	0	0	2469	186	2	0	0	0.00	0.64	0
14690115	14690116	1.06	580 3-	336 ACSR 18/1	2562	2485	2498	186	2771	116	22	0.01	0.53	58
14690061	14690115	1.16	574 3-	336 ACSR 18/1	2508	2423	2417	186	2740	114	22	0.02	0.58	116
14690060	14690061	1.25	574 3-	1/0 ACSR 6/1	2433	2343	2317	186	2738	114	50	0.10	0.72	346
14690086	14690060	1.34	1 1-	2 ACSR 6/1	0	0	2208	185	3	0	0	0.00	0.90	0
14690053	14690060	1.39	573 3-	1/0 ACSR 6/1	2324	2228	2177	185	2732	114	50	0.15	0.94	533
14690076	14690053	1.48	5 1-	2 ACSR 6/1	0	0	2079	184	31	3	2	0.01	0.47	0
14690077	14690076	1.51	3 1-	2 ACSR 6/1	0	0	2050	184	18	2	1	0.00	0.47	0
14690078	14690077	1.58	1 1-	2 ACSR 6/1	0	0	1987	183	6	0	0	0.00	0.47	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14690079	14690078	1.65	1 1-	2 ACSR 6/1	0	0	1919	183	6	0	0	0.00	0.47	0
14690075	14690053	1.44	1 1-	2 ACSR 6/1	0	0	2122	184	2	0	0	0.00	0.46	0
14690080	14690053	1.47	567 3-	1/0 ACSR 6/1	2267	2167	2105	184	2694	113	49	0.08	1.07	294
14690089	14690080	1.52	565 3-	1/0 ACSR 6/1	2321	2129	2061	184	2685	112	49	0.05	1.14	189
14690106	14690089	1.55	5 1-	2 ACSR 6/1	0	0	2027	184	33	4	2	0.00	1.40	0
14690097	14690106	1.59	4 1-	2 ACSR 6/1	0	0	1989	184	22	2	2	0.00	1.40	0
14690105	14690089	1.68	558 3-	1/0 ACSR 6/1	2127	2019	1935	183	2631	110	48	0.16	1.38	556
14690068	14690105	1.72	3 1-	2 ACSR 6/1	0	0	1895	183	3	0	0	0.00	1.73	0
14690069	14690068	1.76	2 1-	2 ACSR 6/1	0	0	1865	183	2	0	0	0.00	1.73	0
14690057	14690069	1.81	1 1-	2 ACSR 6/1	0	0	1822	182	0	0	0	0.00	1.73	0
14690099	14690105	1.71	1 1-	2 ACSR 6/1	0	0	1905	183	0	0	0	0.00	0.75	0
14690098	14690105	1.70	1 1-	2 ACSR 6/1	0	0	1911	183	3	0	0	0.00	0.75	0
14690052	14690105	1.74	553 3-	1/0 ACSR 6/1	2084	1975	1884	183	2620	110	48	0.07	1.48	241
14-69-P234-B	14690052	1.74	553 3-	Closed	2084	1975	1884	183	2618	110	0	0.00	1.48	0
14-69-P234-A	14-69-P234-B	1.74	553 3-	Closed	2084	1975	1884	183	2618	110	0	0.00	1.48	0
14690058	14-69-P234-A	1.77	553 3-	1/0 ACSR 6/1	2065	1955	1862	183	2618	110	48	0.03	1.53	112
14690059	14690058	2.31	552 3-	1/0 ACSR 6/1	1781	1663	1545	180	2610	110	48	0.54	2.32	1882
14680021	14690059	2.60	551 3-	1/0 ACSR 6/1	1657	1537	1414	178	2589	110	48	0.29	2.75	1016
14780038	14680021	2.77	551 3-	1/0 ACSR 6/1	1588	1469	1344	178	2580	110	48	0.18	3.01	618
14-78-P023-B	14780038	2.77	551 3-	Closed	1588	1469	1344	178	2574	110	0	0.00	3.01	0
14-78-P023-A	14-78-P023-B	2.77	551 3-	Closed	1588	1469	1344	178	2574	110	0	0.00	3.01	0
14780022	14-78-P023-A	2.88	551 3-	1/0 ACSR 6/1	1547	1428	1302	177	2574	110	48	0.11	3.18	401
14780036	14780022	2.95	550 3-	1/0 ACSR 6/1	1525	1406	1281	177	2567	109	48	0.06	3.27	219
14780037	14780036	3.01	550 3-	1/0 ACSR 6/1	1504	1385	1262	176	2565	109	48	0.06	3.36	215
14780039	14780037	3.09	549 3-	1/0 ACSR 6/1	1476	1358	1232	176	2560	109	48	0.08	3.49	298
C14-78-P5	14780039	3.09	0 3-	Capacitor	1476	1358	1232	176	0	-13	0	0.00	3.49	0
14780024	14780039	3.19	544 3-	1/0 ACSR 6/1	1445	1328	1202	175	2530	108	47	0.11	3.64	332
14780026	14780024	3.26	543 3-	1/0 ACSR 6/1	1422	1304	1179	175	2519	108	47	0.08	3.77	266
14780041	14780026	3.33	543 3-	1/0 ACSR 6/1	1401	1284	1160	175	2517	108	47	0.07	3.88	233
14780042	14780041	3.43	541 3-	1/0 ACSR 6/1	1374	1258	1133	174	2508	108	47	0.10	4.03	323
14780047	14780042	3.71	540 3-	1/0 ACSR 6/1	1298	1184	1062	173	2490	107	47	0.29	4.48	957
14880075	14780047	3.78	538 3-	1/0 ACSR 6/1	1281	1168	1046	173	2468	107	47	0.07	4.58	225
14880062	14880075	3.88	536 3-	1/0 ACSR 6/1	1257	1144	1023	172	2455	106	46	0.10	4.75	339
14880067	14880062	3.97	534 3-	1/0 ACSR 6/1	1235	1123	1003	172	2434	105	46	0.09	4.89	301
14880074	14880067	4.07	124 3-	1/0 ACSR 6/1	1213	1102	982	171	2423	105	46	0.05	4.94	33
14880058	14880074	4.09	1 1-	2 ACSR 6/1	0	0	975	171	2	0	0	0.00	3.14	0
14880025	14880074	4.12	123 3-	1/0 ACSR 6/1	1201	1091	971	171	2419	105	46	0.02	4.97	17
14880051	14880025	4.24	1 1-	2 ACSR 6/1	0	0	942	170	6	0	0	0.00	5.74	0
14880045	14880025	4.18	122 3-	1/0 ACSR 6/1	1189	1078	960	171	2417	105	46	0.03	5.01	19
D14-88-P017	14880045	4.18	121 3-	REC-70-L	1189	1078	960	171	2417	105	46	0.00	5.01	0
14880053	D14-88-P017	4.31	121 3-	1/0 ACSR 6/1	1160	1051	934	170	2377	105	46	0.06	5.08	43
14880054	14880053	4.60	1 1-	2 ACSR 6/1	0	0	873	168	9	1	1	0.00	5.82	0
14880052	14880053	4.40	118 3-	1/0 ACSR 6/1	1142	1034	917	169	2409	105	46	0.04	5.13	28
14880055	14880052	4.46	0 1-	2 ACSR 6/1	0	0	904	169	0	0	0	0.00	5.85	0
14880061	14880052	4.46	118 3-	1/0 ACSR 6/1	1131	1023	907	169	2409	105	46	0.03	5.16	17
14880059	14880061	4.48	1 1-	2 ACSR 6/1	0	0	903	169	3	0	0	0.00	3.33	0
14880056	14880061	4.49	117 3-	1/0 ACSR 6/1	1125	1017	902	169	2406	105	46	0.01	5.18	9
14880041	14880056	4.52	115 3-	1/0 ACSR 6/1	1119	1012	897	169	2398	105	46	0.01	5.19	8
14880042	14880041	4.63	113 3-	1/0 ACSR 6/1	1098	992	878	168	2387	105	46	0.05	5.25	32
14880034	14880042	4.70	2 1-	2 ACSR 6/1	0	0	865	168	11	1	1	0.00	3.41	0
14880033	14880042	4.69	109 3-	1/0 ACSR 6/1	1087	982	868	168	2386	105	46	0.02	5.28	16
14880036	14880033	4.75	109 3-	1/0 ACSR 6/1	1077	972	860	168	2386	105	46	0.02	5.31	15

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14880037	14880036	4.84	108 3-	1/0 ACSR 6/1	1061	957	845	167	665	30	13	0.04	5.36	25
14880031	14880037	4.94	107 3-	1/0 ACSR 6/1	1045	942	831	167	662	29	13	0.04	5.41	25
14980023	14880031	5.02	106 3-	1/0 ACSR 6/1	1030	928	818	167	655	29	13	0.04	5.45	23
14980024	14980023	5.12	0 1-	2 ACSR 6/1	0	0	801	166	0	0	0	0.00	3.57	0
14980018	14980023	5.12	0 1-	2 ACSR 6/1	0	0	802	166	0	0	0	0.00	6.12	0
14980019	14980023	5.11	106 3-	1/0 ACSR 6/1	1017	916	806	166	655	29	13	0.03	5.49	21
14980020	14980019	5.17	104 3-	1/0 ACSR 6/1	1008	907	798	166	645	29	13	0.02	5.52	15
14980021	14980020	5.23	104 3-	1/0 ACSR 6/1	998	898	790	166	645	29	13	0.02	5.55	16
14980022	14980021	5.28	104 3-	1/0 ACSR 6/1	991	891	783	165	645	29	13	0.02	5.58	12
14980013	14980022	5.49	103 3-	1/0 ACSR 6/1	959	861	756	164	641	29	13	0.09	5.68	54
20851223	14980013	5.69	103 3-	1/0 ACSR 6/1	932	836	733	163	641	29	13	0.08	5.78	49
20851224	20851223	5.75	103 3-	1/0 ACSR 6/1	925	829	726	163	640	29	13	0.02	5.81	14
20851225	20851224	5.81	102 3-	1/0 ACSR 6/1	917	821	719	163	637	28	13	0.02	5.84	15
20851229	20851225	5.85	97 3-	1/0 ACSR 6/1	911	816	714	163	606	27	12	0.02	5.86	10
20851252	20851229	5.91	96 3-	1/0 ACSR 6/1	903	809	708	162	604	27	12	0.02	5.89	13
20090004	20851252	5.98	3 3-	1/0 ACSR 6/1	895	801	701	162	312	14	6	0.02	5.91	4
20090013	20090004	6.01	2 3-	1/0 ACSR 6/1	892	798	698	162	312	14	6	0.01	5.91	2
20090300	20090013	6.01	2 3-	Consumer	892	798	698	162	312	14	0	0.00	5.91	0
20090010	20090013	6.16	0 3-	1/0 ACSR 6/1	873	781	682	161	0	0	0	0.00	5.91	0
20090012	20090004	6.01	1 1-	2 ACSR 6/1	0	0	696	162	0	0	0	0.00	3.94	0
20090002	20851252	5.96	93 3-	1/0 ACSR 6/1	897	803	703	162	292	12	6	0.01	5.90	2
20-09-P032-B	20090002	5.96	93 3-	Closed	897	803	703	162	292	12	0	0.00	5.90	0
20-09-P032-A	20-09-P032-B	5.96	93 3-	Closed	897	803	703	162	292	12	0	0.00	5.90	0
20851253	20-09-P032-A	5.99	93 3-	1/0 ACSR 6/1	894	800	700	162	292	12	6	0.00	5.90	1
20090005	20851253	6.09	1 1-	2 ACSR 6/1	0	0	687	161	9	1	1	0.00	3.93	0
20851254	20851253	6.15	90 3-	1/0 ACSR 6/1	875	782	683	161	280	12	5	0.01	5.93	8
20851445	20851254	6.21	89 3-	1/0 ACSR 6/1	867	775	677	161	275	12	5	0.01	5.95	3
20851447	20851445	6.29	86 3-	1/0 ACSR 6/1	858	767	669	161	260	11	5	0.01	5.96	3
14990017	20851447	6.32	85 3-	1/0 ACSR 6/1	855	764	667	161	257	11	5	0.00	5.97	1
14990018	14990017	6.38	85 3-	1/0 ACSR 6/1	848	757	661	160	257	11	5	0.00	5.98	3
14990019	14990018	6.42	84 3-	1/0 ACSR 6/1	844	753	657	160	256	11	5	0.00	5.98	2
14990014	14990019	6.47	0 1-	2 ACSR 6/1	0	0	652	160	0	0	0	0.00	6.62	0
14990020	14990019	6.45	83 3-	1/0 ACSR 6/1	840	750	654	160	254	11	5	0.00	5.99	1
14-99-P020-B	14990020	6.45	83 3-	Closed	840	750	654	160	254	11	0	0.00	5.99	0
14-99-P020-A	14-99-P020-B	6.45	83 3-	Closed	840	750	654	160	254	11	0	0.00	5.99	0
14990021	14-99-P020-A	6.54	83 3-	1/0 ACSR 6/1	831	742	646	160	254	11	5	0.01	6.00	3
14990028	14990021	6.58	4 1-	2 ACSR 6/1	0	0	642	159	11	1	1	0.00	3.98	0
14990023	14990021	6.63	76 3-	1/0 ACSR 6/1	821	733	638	159	228	10	4	0.01	6.02	3
14990026	14990023	6.67	75 3-	1/0 ACSR 6/1	818	729	635	159	227	10	4	0.00	6.02	1
14990027	14990026	6.77	1 1-	2 ACSR 6/1	0	0	624	158	1	0	0	0.00	6.67	0
14990024	14990026	6.78	73 3-	1/0 ACSR 6/1	806	719	626	158	225	9	4	0.01	6.04	4
14890073	14990024	6.86	2 1- 15	KV 2 URD XLP	0	0	619	311	4	0	0	0.00	6.69	0
14890042	14990024	6.86	70 3-	1/0 ACSR 6/1	798	711	619	158	219	9	4	0.00	6.05	2
14890043	14890042	6.91	70 3-	1/0 ACSR 6/1	793	707	615	158	219	9	4	0.00	6.06	1
14890044	14890043	6.93	67 3-	1/0 ACSR 6/1	791	705	613	158	203	9	4	0.00	6.06	0
14890045	14890044	7.02	66 3-	1/0 ACSR 6/1	783	697	606	157	201	8	4	0.00	6.08	2
14890046	14890045	7.07	65 3-	1/0 ACSR 6/1	778	693	602	157	199	8	4	0.00	6.08	1
14890048	14890046	7.11	54 3-	1/0 ACSR 6/1	774	689	599	157	168	7	3	0.00	6.09	0
14890049	14890048	7.13	52 3-	1/0 ACSR 6/1	772	687	597	157	163	7	3	0.00	6.09	0
14890051	14890049	7.19	51 3-	1/0 ACSR 6/1	767	682	593	157	160	7	3	0.00	6.10	0
14890052	14890051	7.26	49 3-	1/0 ACSR 6/1	760	677	588	156	156	6	3	0.01	6.10	0
14890089	14890052	7.33	47 3-	1/0 ACSR 6/1	754	671	582	156	152	6	3	0.01	6.11	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14890090	14890089	7.42	46 3-	1/0 ACSR 6/1	746	664	576	156	147	6	3	0.01	6.12	0
14890036	14890090	7.50	44 3-	1/0 ACSR 6/1	740	658	570	155	142	6	3	0.01	6.13	0
14890037	14890036	7.56	42 3-	1/0 ACSR 6/1	734	653	566	155	133	5	3	0.00	6.13	0
14890039	14890037	7.62	40 3-	1/0 ACSR 6/1	730	648	562	155	124	5	2	0.00	6.14	0
14890040	14890039	7.68	39 3-	1/0 ACSR 6/1	724	644	558	155	122	5	2	0.00	6.14	0
14890041	14890040	7.72	38 3-	1/0 ACSR 6/1	721	640	555	154	112	4	2	0.00	6.15	0
14790118	14890041	7.85	37 3-	1/0 ACSR 6/1	711	631	547	154	105	4	2	0.01	6.16	0
14790119	14790118	7.94	34 3-	1/0 ACSR 6/1	704	625	541	153	89	3	2	0.00	6.16	0
14790121	14790119	8.08	31 3-	1/0 ACSR 6/1	693	615	532	153	81	3	2	0.01	6.17	0
14790127	14790121	8.46	30 3-	1/0 ACSR 6/1	666	590	510	151	81	3	2	0.02	6.19	2
15-72-P041-B	14790127	8.46	30 3-	Closed	666	590	510	151	81	3	0	0.00	6.19	0
15-72-P041-A	15-72-P041-B	8.46	30 3-	Closed	666	590	510	151	81	3	0	0.00	6.19	0
15720142	15-72-P041-A	8.47	30 3-	1/0 ACSR 6/1	666	590	510	151	81	3	2	0.00	6.19	0
D15-72-P041	15720142	8.47	30 3-	REC-100-L	666	590	510	151	81	3	4	0.00	6.19	0
15720204	D15-72-P041	8.54	30 3-	1/0 ACSR 6/1	661	585	506	151	81	3	2	0.00	6.20	0
D15-72-P332	15720204	8.54	16 1-	REC-35-L	0	0	506	151	43	5	17	0.00	6.93	0
15720122	D15-72-P332	8.60	16 1-	2 ACSR 6/1	0	0	502	151	43	5	3	0.01	6.94	0
15720165	15720122	8.64	1 1-	2 ACSR 6/1	0	0	499	150	4	0	0	0.00	6.94	0
15720123	15720122	8.66	13 1-	2 ACSR 6/1	0	0	498	150	33	4	2	0.01	6.95	0
15720169	15720123	8.68	11 1-	2 ACSR 6/1	0	0	496	150	29	3	2	0.00	6.95	0
15720170	15720169	8.72	10 1-	2 ACSR 6/1	0	0	494	150	28	3	2	0.00	6.95	0
15720124	15720170	8.81	10 1-	2 ACSR 6/1	0	0	488	149	28	3	2	0.01	6.96	0
15720120	15720124	8.91	3 1-	2 ACSR 6/1	0	0	482	149	14	1	1	0.00	6.97	0
15720121	15720120	8.94	2 1-	2 ACSR 6/1	0	0	480	149	12	1	1	0.00	6.97	0
15720053	15720124	8.83	7 1-	2 ACSR 6/1	0	0	487	149	14	1	1	0.00	6.97	0
15820028	15720053	8.89	3 1-	2 ACSR 6/1	0	0	484	149	7	0	1	0.00	6.97	0
15820031	15820028	9.02	3 1-	2 ACSR 6/1	0	0	476	148	7	0	1	0.00	6.97	0
15820030	15820031	9.10	1 1-	2 ACSR 6/1	0	0	470	148	1	0	0	0.00	6.97	0
15820027	15720028	8.88	3 1-	2 ACSR 6/1	0	0	484	149	6	0	0	0.00	6.97	0
15720203	15720204	8.61	12 3-	1/0 ACSR 6/1	656	581	502	151	37	1	1	0.00	6.20	0
15720202	15720203	8.68	4 3-	1/0 ACSR 6/1	651	577	498	150	15	0	0	0.00	6.20	0
15720135	15720202	8.69	0 3-	1/0 ACSR 6/1	651	576	498	150	0	0	0	0.00	6.20	0
15-72-P331-A	15720135	8.69	0 3-	Open	651	576	498	150	0	0	0	0.00	6.20	0
14790080	14790121	8.19	0 1-	2 ACSR 6/1	0	0	524	152	0	0	0	0.00	4.07	0
14790120	14790119	8.01	1 1-	2 ACSR 6/1	0	0	536	153	0	0	0	0.00	6.85	0
14890038	14890037	7.62	1 1-	2 ACSR 6/1	0	0	561	155	5	0	0	0.00	6.80	0
14890053	14890090	7.49	1 1-	2 ACSR 6/1	0	0	570	155	3	0	0	0.00	6.78	0
14890050	14890049	7.20	1 1-	2 ACSR 6/1	0	0	591	157	3	0	0	0.00	6.75	0
14890074	14890046	7.15	11 1-	2 ACSR 6/1	0	0	595	157	31	4	2	0.01	6.75	0
14890075	14890074	7.18	9 1-	2 ACSR 6/1	0	0	592	157	26	3	2	0.00	6.75	0
14890076	14890075	7.22	8 1-	2 ACSR 6/1	0	0	588	156	23	3	2	0.00	6.76	0
14890085	14890076	7.25	4 1-	2 ACSR 6/1	0	0	586	156	9	1	1	0.00	6.76	0
14890077	14890085	7.29	3 1-	2 ACSR 6/1	0	0	582	156	6	0	0	0.00	6.76	0
14890078	14890077	7.33	1 1-	2 ACSR 6/1	0	0	578	156	1	0	0	0.00	6.76	0
14890047	14890078	7.39	1 1-	2 ACSR 6/1	0	0	573	155	1	0	0	0.00	6.76	0
14990022	14990021	6.66	1 1-	2 ACSR 6/1	0	0	634	159	9	1	1	0.00	6.65	0
14990015	14990021	6.59	2 1-	2 ACSR 6/1	0	0	640	159	6	0	0	0.00	6.65	0
14990016	20851447	6.33	1 1-	2 ACSR 6/1	0	0	664	160	3	0	0	0.00	3.96	0
20851446	20851445	6.29	0 1-	2 ACSR 6/1	0	0	668	161	0	0	0	0.00	6.57	0
20851226	20851225	5.84	5 1-	2 ACSR 6/1	0	0	715	163	31	4	2	0.00	7.18	0
20851227	20851226	5.93	4 1-	2 ACSR 6/1	0	0	704	162	27	3	2	0.01	7.18	0
20851228	20851227	6.00	1 1-	2 ACSR 6/1	0	0	695	162	11	1	1	0.00	7.18	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14880038	14880037	4.89	1 1-	2 ACSR 6/1	0	0	836	167	3	0	0	0.00	3.50	0
14880035	14880033	4.80	0 1-	2 ACSR 6/1	0	0	848	167	0	0	0	0.00	3.43	0
14880071	14880067	4.01	53 3-	1/0 ACSR 6/1	1225	1113	993	171	255	11	5	0.01	4.90	2
14880073	14880071	4.04	52 3-	1/0 ACSR 6/1	1219	1108	988	171	247	10	5	0.00	4.90	0
14880065	14880073	4.09	50 3-	1/0 ACSR 6/1	1207	1096	977	171	239	10	5	0.01	4.91	2
14880028	14880065	4.16	48 3-	1/0 ACSR 6/1	1192	1082	963	171	231	10	4	0.01	4.92	2
14880077	14880028	4.23	0 1-	2 ACSR 6/1	0	0	947	170	0	0	0	0.00	3.12	0
14880029	14880028	4.22	41 3-	1/0 ACSR 6/1	1179	1069	951	170	201	8	4	0.01	4.93	1
14880057	14880029	4.29	38 3-	1/0 ACSR 6/1	1165	1056	939	170	198	8	4	0.01	4.94	1
14880046	14880057	4.34	38 3-	1/0 ACSR 6/1	1154	1045	929	170	198	8	4	0.00	4.95	1
14880048	14880046	4.39	37 3-	1/0 ACSR 6/1	1145	1037	920	170	193	8	4	0.00	4.95	0
D14-88-P048	14880048	4.39	2 1-	FUS-30	0	0	920	170	11	1	5	0.00	3.14	0
14880026	D14-88-P048	4.47	2 1-	2 ACSR 6/1	0	0	903	169	11	1	1	0.00	3.14	0
14880040	14880026	4.57	1 1-	2 ACSR 6/1	0	0	882	168	9	1	1	0.00	3.15	0
14880039	14880026	4.65	1 1-	2 ACSR 6/1	0	0	867	168	2	0	0	0.00	3.15	0
14880050	14880048	4.48	29 3-	1/0 ACSR 6/1	1127	1020	904	169	171	7	3	0.00	4.96	2
14880030	14880050	4.58	27 3-	1/0 ACSR 6/1	1108	1002	887	169	166	7	3	0.00	4.97	2
14980016	14880030	4.68	25 3-	1/0 ACSR 6/1	1089	984	870	168	158	6	3	0.00	4.98	1
14980017	14980016	4.82	21 3-	1/0 ACSR 6/1	1065	961	849	167	145	6	3	0.01	5.00	2
D14-98-P020	14980017	4.82	21 3-	REC-50-H	1065	961	849	167	145	6	13	0.00	5.00	0
14980014	D14-98-P020	4.88	21 3-	1/0 ACSR 6/1	1054	950	839	167	145	6	3	0.00	5.00	0
14980015	14980014	4.98	20 3-	1/0 ACSR 6/1	1038	935	825	167	136	5	3	0.00	5.01	1
20851220	14980015	5.13	19 3-	1/0 ACSR 6/1	1013	912	803	166	134	5	3	0.00	5.03	2
20851221	20851220	5.55	1 1-	2 ACSR 6/1	0	0	738	163	5	0	0	0.01	5.86	0
20851050	20851221	5.59	1 1-	15 KV 2 URD XLP	0	0	734	335	5	0	0	0.00	5.86	0
20851217	20851220	5.22	17 3-	1/0 ACSR 6/1	999	899	791	166	125	5	2	0.00	5.03	0
20851219	20851217	5.54	15 3-	1/0 ACSR 6/1	952	855	750	164	100	4	2	-0.01	5.06	3
20080001	20851219	5.58	15 3-	1/0 ACSR 6/1	948	850	746	164	100	4	2	0.00	5.06	0
20180006	20080001	5.60	13 3-	1/0 ACSR 6/1	944	847	743	164	87	3	2	0.00	5.06	0
20180007	20180006	5.63	13 3-	1/0 ACSR 6/1	940	843	739	164	87	3	2	0.00	5.06	0
20180004	20180007	5.95	13 3-	1/0 ACSR 6/1	899	805	704	162	87	3	2	-0.01	5.08	3
20852006	20180004	6.02	9 3-	1/0 ACSR 6/1	890	796	696	162	65	2	1	0.00	5.08	0
20852007	20852006	6.11	8 3-	1/0 ACSR 6/1	879	786	687	161	59	2	1	0.00	5.09	0
20852008	20852007	6.43	8 3-	1/0 ACSR 6/1	842	752	656	160	59	2	1	0.00	5.10	1
20852181	20852008	6.53	7 3-	1/0 ACSR 6/1	832	743	647	160	57	2	1	0.00	5.10	0
20852182	20852181	6.59	1 1-	2 ACSR 6/1	0	0	640	159	10	1	1	0.00	3.14	0
20170006	20852181	6.79	1 1-	2 ACSR 6/1	0	0	620	158	15	1	1	0.01	6.05	0
20170003	20852181	6.57	5 3-	1/0 ACSR 6/1	827	738	643	159	32	1	1	0.00	5.10	0
20852005	20170003	6.65	1 1-	15 KV 2 URD XLP	0	0	638	316	8	1	1	0.00	6.05	0
20852184	20170003	6.73	4 3-	1/0 ACSR 6/1	811	724	630	159	24	1	0	0.00	5.11	0
20852183	20852184	6.97	0 3-	1/0 ACSR 6/1	788	702	610	158	0	0	0	0.00	5.11	0
20-17-P045-B	20852183	6.97	0 3-	Open	788	702	610	158	0	0	0	0.00	5.11	0
20852238	20852184	6.80	3 1-	2 ACSR 6/1	0	0	622	158	19	2	1	0.00	6.06	0
20852131	20852238	6.85	2 1-	2 ACSR 6/1	0	0	617	158	14	1	1	0.00	6.06	0
20170004	20180004	6.12	4 1-	2 ACSR 6/1	0	0	683	161	22	2	2	0.01	5.99	0
20180005	20170004	6.17	1 1-	2 ACSR 6/1	0	0	676	161	10	1	1	0.00	5.99	0
20180003	20180007	5.76	0 1-	2 ACSR 6/1	0	0	722	163	0	0	0	0.00	5.93	0
20851218	20851217	5.30	2 1-	2 ACSR 6/1	0	0	778	165	25	3	2	0.01	3.18	0
20851241	20851218	5.45	1 1-	2 ACSR 6/1	0	0	756	164	18	2	1	0.00	3.18	0
14880049	14880048	4.46	5 1-	2 ACSR 6/1	0	0	904	169	11	1	1	0.00	5.74	0
14880060	14880049	4.51	3 1-	2 ACSR 6/1	0	0	893	169	2	0	0	0.00	5.74	0
14880047	14880046	4.37	1 1-	2 ACSR 6/1	0	0	923	170	6	0	0	0.00	3.14	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14880043	14880029	4.28	2 1-	2 ACSR 6/1	0	0	939	170	0	0	0	0.00	5.71	0
14880066	14880028	4.19	5 1-	2 ACSR 6/1	0	0	956	170	22	2	2	0.00	3.12	0
14880064	14880073	4.06	2 1-	2 ACSR 6/1	0	0	983	171	8	1	1	0.00	3.11	0
14880072	14880071	4.06	1 1-	2 ACSR 6/1	0	0	981	171	8	1	1	0.00	5.68	0
14880069	14880067	4.02	351 3-	4/0 ACSR 6/1	1226	1115	994	171	1411	61	18	0.00	4.91	29
14880070	14880069	4.09	0 1-	2 ACSR 6/1	0	0	976	171	0	0	0	0.00	5.70	0
14880044	14880069	4.64	351 3-	4/0 ACSR 6/1	1130	1023	897	169	1411	61	18	0.03	5.15	356
14870039	14880044	4.77	351 3-	4/0 ACSR 6/1	1111	1005	878	169	1407	61	18	0.01	5.20	77
14870040	14870039	4.81	4 1-	2 ACSR 6/1	0	0	871	169	21	2	1	0.00	3.14	0
14870041	14870040	4.84	3 1-	2 ACSR 6/1	0	0	865	169	20	2	1	0.00	3.14	0
14870042	14870039	4.81	347 3-	4/0 ACSR 6/1	1106	1000	873	169	1386	60	18	0.00	5.21	23
14870044	14870042	4.86	345 3-	4/0 ACSR 6/1	1099	993	866	169	1381	60	18	0.00	5.23	28
14870043	14870044	4.94	337 3-	4/0 ACSR 6/1	1087	983	855	168	1334	58	17	0.00	5.26	43
14870030	14870043	4.98	334 3-	4/0 ACSR 6/1	1082	978	850	168	1317	57	17	0.00	5.28	20
14870031	14870030	5.03	332 3-	4/0 ACSR 6/1	1077	972	845	168	1309	57	17	0.00	5.29	22
C14-87-P22	14870031	5.03	0 3-	Capacitor	1077	972	845	168	0	-13	0	0.00	5.29	0
14870032	14870031	5.07	332 3-	4/0 ACSR 6/1	1071	967	839	168	1309	57	17	0.01	5.31	23
14870033	14870032	5.13	330 3-	4/0 ACSR 6/1	1063	959	831	168	1306	57	17	0.01	5.35	32
14870028	14870033	5.21	103 3-	1/0 ACSR 6/1	1049	946	820	168	398	17	8	0.03	5.37	9
D14-87-P129	14870028	5.21	103 3-	REC-70-L	1049	946	820	168	398	17	25	0.00	5.37	0
14870024	D14-87-P129	5.35	103 3-	1/0 ACSR 6/1	1026	925	800	167	398	17	8	0.05	5.41	16
14870025	14870024	5.37	102 3-	1/0 ACSR 6/1	1024	923	798	167	393	17	7	0.01	5.41	2
14870038	14870025	5.47	1 1-	2 ACSR 6/1	0	0	781	166	1	0	0	0.00	6.50	0
14870045	14870025	5.42	101 3-	1/0 ACSR 6/1	1016	915	791	167	392	17	7	0.02	5.42	5
14870047	14870045	5.48	100 3-	1/0 ACSR 6/1	1006	906	783	166	390	17	7	0.02	5.44	7
14870048	14870047	5.53	100 3-	1/0 ACSR 6/1	999	899	777	166	390	17	7	0.02	5.45	5
D14-87-P019	14870048	5.53	1 1-	FUS-20	0	0	777	166	0	0	0	0.00	3.32	0
14870052	D14-87-P019	5.59	1 1-	2 ACSR 6/1	0	0	768	166	0	0	0	0.00	3.32	0
14870053	14870052	5.89	1 1-	2 ACSR 6/1	0	0	724	164	0	0	0	0.00	3.32	0
14870026	14870048	6.14	99 3-	1/0 ACSR 6/1	914	819	705	163	390	17	7	0.23	5.62	67
D14-86-P025	14870026	6.14	10 1-	REC-15-H	0	0	705	163	39	5	34	0.00	3.55	0
14860028	D14-86-P025	6.19	10 1-	2 ACSR 6/1	0	0	700	163	39	5	3	0.01	3.56	0
14960045	14860028	6.28	10 1-	2 ACSR 6/1	0	0	688	162	39	5	3	0.01	3.57	0
14960044	14960045	6.36	9 1-	2 ACSR 6/1	0	0	679	162	37	4	3	0.01	3.58	0
14960020	14960044	6.46	8 1-	2 ACSR 6/1	0	0	667	161	35	4	3	0.01	3.60	0
14960017	14960020	6.52	8 1-	2 ACSR 6/1	0	0	660	161	35	4	3	0.01	3.60	0
14960018	14960017	6.68	7 1-	2 ACSR 6/1	0	0	642	160	35	4	2	0.02	3.62	0
20851036	14960018	6.78	7 1-	2 ACSR 6/1	0	0	632	159	35	4	2	0.01	3.64	0
20851037	20851036	6.97	6 1-	2 ACSR 6/1	0	0	612	158	26	3	2	0.02	3.65	0
20851044	20851037	7.02	6 1-	2 ACSR 6/1	0	0	607	157	26	3	2	0.01	3.66	0
20851046	20851044	7.09	4 1-	2 ACSR 6/1	0	0	601	157	15	1	1	0.00	3.66	0
20851047	20851046	7.17	3 1-	2 ACSR 6/1	0	0	593	157	13	1	1	0.00	3.67	0
20851048	20851047	7.20	2 1-	2 ACSR 6/1	0	0	591	156	8	1	1	0.00	3.67	0
20851049	20851048	7.22	1 1-	2 ACSR 6/1	0	0	588	156	0	0	0	0.00	3.67	0
20851045	20851044	7.10	2 1-	2 ACSR 6/1	0	0	600	157	11	1	1	0.00	3.66	0
20060003	20851044	7.21	0 1-	1/0 ACSR 6/1	0	0	593	157	0	0	0	0.00	3.66	0
20060002	14960018	6.72	0 1-	2 ACSR 6/1	0	0	638	159	0	0	0	0.00	3.62	0
14960027	20060002	6.83	0 1-	2 ACSR 6/1	0	0	627	159	0	0	0	0.00	3.62	0
14960028	14960027	6.93	0 1-	2 ACSR 6/1	0	0	616	158	0	0	0	0.00	3.62	0
14960019	14960044	6.40	1 1-	2 ACSR 6/1	0	0	673	161	2	0	0	0.00	3.58	0
14960043	14960045	6.38	1 1-	2 ACSR 6/1	0	0	676	162	2	0	0	0.00	3.57	0
14860053	14870026	6.21	89 3-	1/0 ACSR 6/1	905	811	698	163	350	15	7	0.02	5.64	6

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14860029	14860053	6.27	87 3-	1/0 ACSR 6/1	898	805	693	163	341	14	7	0.01	5.65	5
14960021	14860029	6.47	87 3-	1/0 ACSR 6/1	873	782	672	162	341	14	7	0.06	5.70	18
14960022	14960021	6.54	85 3-	1/0 ACSR 6/1	866	774	666	161	335	14	6	0.02	5.71	6
14960023	14960022	6.61	84 3-	1/0 ACSR 6/1	858	767	659	161	330	14	6	0.02	5.73	6
14960024	14960023	6.64	83 3-	1/0 ACSR 6/1	854	764	656	161	328	14	6	0.01	5.74	3
14960031	14960024	6.68	82 3-	1/0 ACSR 6/1	850	760	653	161	316	13	6	0.01	5.74	3
D14-96-P004	14960031	6.68	10 1-	REC-35-H	0	0	653	161	69	8	26	0.00	3.70	0
14960032	D14-96-P004	6.71	10 1-	2 ACSR 6/1	0	0	649	160	69	8	5	0.01	3.71	0
14960033	14960032	6.76	9 1-	2 ACSR 6/1	0	0	644	160	68	8	5	0.01	3.72	0
14960034	14960033	6.78	8 1-	2 ACSR 6/1	0	0	641	160	57	7	4	0.01	3.72	0
14960035	14960034	6.84	2 1-	2 ACSR 6/1	0	0	635	160	12	1	1	0.00	3.72	0
14960015	14960034	6.87	6 1-	2 ACSR 6/1	0	0	633	159	45	5	3	0.01	3.74	0
14960036	14960015	6.89	1 1-	2 ACSR 6/1	0	0	630	159	18	2	1	0.00	3.74	0
14960029	14960015	6.90	2 1-	2 ACSR 6/1	0	0	629	159	6	0	0	0.00	3.74	0
14960030	14960029	6.94	1 1-	2 ACSR 6/1	0	0	625	159	0	0	0	0.00	3.74	0
14960016	14960015	6.93	3 1-	2 ACSR 6/1	0	0	626	159	21	2	2	0.00	3.74	0
14960037	14960016	6.97	0 1-	2 ACSR 6/1	0	0	622	159	0	0	0	0.00	3.74	0
14960025	14960016	6.98	3 1-	2 ACSR 6/1	0	0	621	159	21	2	2	0.00	3.74	0
14960026	14960025	7.07	1 1-	2 ACSR 6/1	0	0	612	158	4	0	0	0.00	3.74	0
14960039	14960031	7.22	71 3-	1/0 ACSR 6/1	794	708	607	158	241	10	5	0.05	5.83	28
14950013	14960039	7.30	70 3-	1/0 ACSR 6/1	786	701	600	158	232	10	4	0.01	5.85	4
14950015	14950013	7.38	64 3-	1/0 ACSR 6/1	779	694	595	158	219	9	4	0.01	5.86	3
14950017	14950015	7.46	64 3-	1/0 ACSR 6/1	771	687	588	157	219	9	4	0.01	5.87	4
14950008	14950017	7.61	64 3-	1/0 ACSR 6/1	757	674	577	157	219	9	4	0.02	5.89	6
14950009	14950008	7.72	63 3-	1/0 ACSR 6/1	748	666	570	156	214	9	4	0.01	5.91	5
14950011	14950009	7.80	0 1-	2 ACSR 6/1	0	0	563	156	0	0	0	0.00	7.49	0
14950012	14950011	7.87	0 1-	2 ACSR 6/1	0	0	557	155	0	0	0	0.00	7.49	0
14950010	14950009	8.11	62 3-	1/0 ACSR 6/1	716	637	544	154	213	9	4	0.04	5.97	17
14940006	14950010	8.16	62 3-	1/0 ACSR 6/1	712	632	541	154	213	9	4	0.01	5.98	2
14940008	14940006	8.23	59 3-	1/0 ACSR 6/1	707	628	537	154	206	9	4	0.01	5.98	3
20850732	14940008	8.44	58 3-	1/0 ACSR 6/1	691	613	524	153	205	9	4	0.01	6.01	8
20850925	20850732	8.60	34 1-	2 ACSR 6/1	0	0	512	152	123	16	9	0.08	7.83	8
D20-04-P010	20850925	8.60	34 1-	REC-25-H	0	0	512	152	123	16	66	0.00	7.83	0
20851032	D20-04-P010	8.89	34 1-	2 ACSR 6/1	0	0	493	150	123	16	9	0.13	7.97	13
20851033	20851032	9.14	33 1-	2 ACSR 6/1	0	0	478	149	120	16	9	0.12	8.08	12
20040005	20851033	9.80	31 1-	2 ACSR 6/1	0	0	441	145	111	15	8	0.29	8.37	26
D20-13-P012	20040005	9.80	31 1-	FUS-15	0	0	441	145	111	15	113	0.00	8.37	0
20130006	D20-13-P012	10.38	31 1-	2 ACSR 6/1	0	0	413	142	111	15	8	0.25	8.62	23
20130005	20130006	10.49	30 1-	2 ACSR 6/1	0	0	408	142	108	14	8	0.05	8.67	4
20851453	20130005	10.53	28 1-	2 ACSR 6/1	0	0	406	141	101	13	8	0.01	8.68	1
20851477	20851453	10.62	3 1-	2 ACSR 6/1	0	0	402	141	14	1	1	0.00	8.68	0
20851478	20851477	10.68	2 1-	2 ACSR 6/1	0	0	400	141	8	1	1	0.00	8.68	0
20851452	20851453	10.99	24 1-	2 ACSR 6/1	0	0	387	139	82	11	6	0.15	8.83	10
20120004	20851452	11.49	21 1-	2 ACSR 6/1	0	0	368	137	65	8	5	0.13	8.95	7
D20-12-P004	20120004	11.49	21 1-	REC-15-H	0	0	368	137	65	8	59	0.00	8.95	0
20120005	D20-12-P004	11.85	21 1-	2 ACSR 6/1	0	0	355	135	65	8	5	0.09	9.05	5
19190016	20120005	12.16	2 1-	2 ACSR 6/1	0	0	345	133	9	1	1	0.01	9.06	0
19190019	19190016	12.21	1 1-	2 ACSR 6/1	0	0	343	133	3	0	0	0.00	9.06	0
19190018	19190016	12.22	1 1-	2 ACSR 6/1	0	0	343	133	6	0	0	0.00	9.06	0
19190015	20120005	12.51	19 1-	2 ACSR 6/1	0	0	334	132	56	7	4	0.14	9.19	7
19190017	19190015	12.92	19 1-	2 ACSR 6/1	0	0	323	130	56	7	4	0.09	9.28	4
19190021	19190017	12.99	19 1-	2 ACSR 6/1	0	0	320	130	56	7	4	0.02	9.30	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
19190022	19190021	13.04	18 1-	2 ACSR 6/1	0	0	319	129	56	7	4	0.01	9.31	0
19190023	19190022	13.12	17 1-	2 ACSR 6/1	0	0	317	129	55	7	4	0.02	9.32	0
19190024	19190023	13.16	16 1-	2 ACSR 6/1	0	0	316	129	49	6	4	0.01	9.33	0
19190025	19190024	13.22	15 1-	2 ACSR 6/1	0	0	314	129	44	5	3	0.01	9.34	0
19190032	19190025	13.35	13 1-	2 ACSR 6/1	0	0	311	128	38	5	3	0.02	9.36	0
19190033	19190032	13.42	12 1-	2 ACSR 6/1	0	0	309	128	33	4	3	0.01	9.37	0
19190029	19190033	13.47	11 1-	2 ACSR 6/1	0	0	308	128	31	4	2	0.01	9.37	0
19090004	19190029	13.53	1 1-	2 ACSR 6/1	0	0	306	127	1	0	0	0.00	9.37	0
19090003	19090004	13.61	0 1-	2 ACSR 6/1	0	0	304	127	0	0	0	0.00	9.37	0
19090005	19190029	13.63	8 1-	2 ACSR 6/1	0	0	304	127	25	3	2	0.01	9.39	0
19190026	19090005	13.76	7 1-	2 ACSR 6/1	0	0	301	126	21	2	2	0.01	9.40	0
19190027	19190026	13.80	5 1-	2 ACSR 6/1	0	0	299	126	13	1	1	0.00	9.40	0
19190028	19190027	13.96	3 1-	2 ACSR 6/1	0	0	296	125	8	1	1	0.00	9.40	0
19180003	19190028	14.20	0 1-	2 ACSR 6/1	0	0	290	124	0	0	0	0.00	9.40	0
19180004	19180003	14.29	0 1-	2 ACSR 6/1	0	0	288	124	0	0	0	0.00	9.40	0
19190020	19190017	12.99	0 1-	2 ACSR 6/1	0	0	320	130	0	0	0	0.00	9.28	0
20851448	20851452	11.16	3 1-	2 ACSR 6/1	0	0	380	138	17	2	1	0.01	8.84	0
20851449	20851448	11.25	1 1-	2 ACSR 6/1	0	0	377	138	7	0	1	0.00	8.84	0
20851327	20851448	11.23	2 1-	2 ACSR 6/1	0	0	378	138	10	1	1	0.00	8.84	0
20851450	20130005	10.54	2 1-	2 ACSR 6/1	0	0	406	141	7	0	1	0.00	8.67	0
20851451	20851450	10.65	1 1-	2 ACSR 6/1	0	0	401	141	6	0	0	0.00	8.67	0
20130004	20130006	10.49	1 1-	2 ACSR 6/1	0	0	408	142	3	0	0	0.00	8.62	0
D20-13-P031	20130004	10.49	1 1-	REC-15-H	0	0	408	142	3	0	3	0.00	8.62	0
20850730	D20-13-P031	11.43	1 1-	2 ACSR 6/1	0	0	370	137	3	0	0	0.01	8.63	0
20851034	20851033	9.33	2 1-	2 ACSR 6/1	0	0	467	148	8	1	1	0.00	8.09	0
20851035	20851034	9.39	0 1-	2 ACSR 6/1	0	0	463	147	0	0	0	0.00	8.09	0
20850926	20850732	8.81	23 1-	2 ACSR 6/1	0	0	499	151	70	9	5	0.10	3.96	5
D20-04-P020	20850926	8.81	23 1-	REC-25-H	0	0	499	151	70	9	37	0.00	3.96	0
20851326	D20-04-P020	8.91	23 1-	2 ACSR 6/1	0	0	492	150	70	9	5	0.03	3.98	1
20140006	20851326	8.93	23 1-	2 ACSR 6/1	0	0	491	150	70	9	5	0.01	3.99	0
20140007	20140006	9.13	23 1-	2 ACSR 6/1	0	0	478	149	70	9	5	0.05	4.04	3
20851811	20140007	9.23	4 1-	2 ACSR 6/1	0	0	472	148	7	0	1	0.00	4.05	0
20851812	20851811	9.30	3 1-	2 ACSR 6/1	0	0	468	148	4	0	0	0.00	4.05	0
20851814	20851812	9.41	1 1-	2 ACSR 6/1	0	0	462	147	0	0	0	0.00	4.05	0
20851813	20851812	9.39	1 1-	2 ACSR 6/1	0	0	463	147	3	0	0	0.00	4.05	0
20140004	20140007	9.24	19 1-	2 ACSR 6/1	0	0	472	148	63	8	5	0.03	4.07	1
20851403	20140004	9.43	18 1-	2 ACSR 6/1	0	0	461	147	60	7	4	0.04	4.11	2
20851404	20851403	9.68	18 1-	2 ACSR 6/1	0	0	447	146	60	7	4	0.06	4.17	3
20851789	20851404	9.74	16 1-	2 ACSR 6/1	0	0	444	146	46	6	3	0.01	4.18	0
20851790	20851789	9.80	13 1-	2 ACSR 6/1	0	0	441	145	42	5	3	0.01	4.19	0
D20-14-P014	20851790	9.80	3 1-	FUS	0	0	441	145	10	1	31	0.00	4.19	0
20140005	D20-14-P014	10.63	3 1-	2 ACSR 6/1	0	0	402	141	10	1	1	0.03	4.22	0
20250007	20140005	11.33	3 1-	2 ACSR 6/1	0	0	374	137	10	1	1	0.03	4.25	0
20240010	20250007	11.53	3 1-	2 ACSR 6/1	0	0	366	136	10	1	1	0.01	4.25	0
20240006	20240010	11.61	3 1-	2 ACSR 6/1	0	0	364	136	10	1	1	0.00	4.26	0
20240008	20240006	11.66	2 1-	2 ACSR 6/1	0	0	362	136	8	1	1	0.00	4.26	0
20240009	20240008	11.74	2 1-	2 ACSR 6/1	0	0	359	135	8	1	1	0.00	4.26	0
20240005	20240009	11.79	1 1-	2 ACSR 6/1	0	0	357	135	5	0	0	0.00	4.26	0
20240007	20240006	11.66	1 1-	2 ACSR 6/1	0	0	362	136	3	0	0	0.00	4.26	0
20250004	20140005	10.81	0 1-	2 ACSR 6/1	0	0	394	140	0	0	0	0.00	4.22	0
20851791	20851790	9.89	8 1-	2 ACSR 6/1	0	0	436	145	28	3	2	0.01	4.19	0
20851793	20851791	10.06	5 1-	2 ACSR 6/1	0	0	428	144	15	1	1	0.01	4.20	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851809	20851793	10.54	4 1-	2 ACSR 6/1	0	0	406	141	8	1	1	0.01	4.21	0
20851794	20851809	10.64	1 1-	2 ACSR 6/1	0	0	402	141	2	0	0	0.00	4.21	0
20851810	20851809	10.60	1 1-	2 ACSR 6/1	0	0	403	141	3	0	0	0.00	4.21	0
20851792	20851791	9.97	1 1-	2 ACSR 6/1	0	0	432	144	1	0	0	0.00	4.19	0
20851724	20851790	9.86	2 1-	2 ACSR 6/1	0	0	438	145	3	0	0	0.00	4.19	0
20851787	20851404	9.76	2 1-	2 ACSR 6/1	0	0	443	145	13	1	1	0.00	4.17	0
20851788	20851787	9.85	1 1-	2 ACSR 6/1	0	0	439	145	5	0	0	0.00	4.17	0
20851402	20140004	9.41	1 1-	2 ACSR 6/1	0	0	462	147	3	0	0	0.00	4.07	0
14940007	14940006	8.20	3 1-	2 ACSR 6/1	0	0	537	154	8	0	1	0.00	3.84	0
20850731	14940007	8.28	2 1-	2 ACSR 6/1	0	0	523	153	5	0	0	0.00	3.84	0
20850924	20850731	8.40	1 1-	2 ACSR 6/1	0	0	532	153	0	0	0	0.00	3.84	0
14950014	14950013	7.44	4 1-	2 ACSR 6/1	0	0	587	157	10	1	1	0.00	7.33	0
14950016	14950014	7.51	2 1-	2 ACSR 6/1	0	0	582	157	5	0	0	0.00	7.34	0
14850034	14950016	7.61	1 1-	2 ACSR 6/1	0	0	573	156	2	0	0	0.00	7.34	0
14850040	14950016	7.57	1 1-	2 ACSR 6/1	0	0	576	156	3	0	0	0.00	7.34	0
14960038	14960022	6.64	1 1-	2 ACSR 6/1	0	0	654	161	5	0	0	0.00	7.02	0
14860051	14960038	6.67	0 1-	2 ACSR 6/1	0	0	650	160	0	0	0	0.00	7.02	0
14870046	14870024	5.40	1 1-	2 ACSR 6/1	0	0	793	167	4	0	0	0.00	3.25	0
14870027	14870033	5.40	224 3-	4/0 ACSR 6/1	1030	929	800	167	902	39	12	0.00	5.44	73
D14-87-P007	14870027	5.40	224 3-	REC-70-L	1030	929	800	167	902	39	57	0.00	5.44	0
14870023	D14-87-P007	5.44	224 3-	4/0 ACSR 6/1	1025	924	795	167	902	39	12	0.00	5.45	12
14870036	14870023	5.53	223 3-	4/0 ACSR 6/1	1015	914	786	167	901	39	12	0.00	5.48	24
14870037	14870036	5.98	222 3-	4/0 ACSR 6/1	964	868	739	165	899	39	12	0.00	5.64	125
14860057	14870037	6.01	3 1-	2 ACSR 6/1	0	0	736	165	5	0	0	0.00	3.17	0
14860058	14860057	6.05	2 1-	2 ACSR 6/1	0	0	730	165	2	0	0	0.00	3.17	0
14860040	14860058	6.19	1 1-	2 ACSR 6/1	0	0	711	164	1	0	0	0.00	3.17	0
14860025	14870037	6.05	219 3-	4/0 ACSR 6/1	958	861	733	165	893	39	12	0.00	5.66	18
14860034	14860025	6.15	218 3-	4/0 ACSR 6/1	947	851	723	165	891	39	12	0.00	5.70	28
14860035	14860034	6.18	217 3-	4/0 ACSR 6/1	945	849	721	165	888	39	12	0.00	5.71	7
14860026	14860035	6.24	4 1-	2 ACSR 6/1	0	0	713	164	19	2	1	0.00	7.14	0
14860030	14860026	6.47	1 1-	2 ACSR 6/1	0	0	684	163	7	0	0	0.00	7.14	0
14860031	14860026	6.32	3 1-	2 ACSR 6/1	0	0	703	164	12	1	1	0.00	7.14	0
14760009	14860031	6.37	2 1-	2 ACSR 6/1	0	0	696	163	4	0	0	0.00	7.14	0
14860027	14860035	6.30	213 3-	1/0 ACSR 6/1	928	834	708	164	869	38	17	0.02	5.78	62
14860037	14860027	6.51	212 3-	1/0 ACSR 6/1	902	809	686	163	864	38	17	0.03	5.91	103
14860038	14860037	6.71	211 3-	1/0 ACSR 6/1	878	787	667	162	861	38	17	0.03	6.03	96
14860039	14860038	6.80	210 3-	1/0 ACSR 6/1	867	776	658	162	859	38	17	0.01	6.09	47
14860032	14860039	6.89	208 3-	1/0 ACSR 6/1	857	767	650	161	853	37	17	0.01	6.14	44
14860049	14860032	6.95	199 3-	1/0 ACSR 6/1	851	761	645	161	809	36	16	0.01	6.17	23
14860050	14860049	7.13	198 3-	1/0 ACSR 6/1	831	743	629	160	798	35	15	0.02	6.27	78
14860052	14860050	7.22	198 3-	1/0 ACSR 6/1	822	735	622	160	798	35	15	0.01	6.32	39
14860054	14860052	7.41	197 3-	1/0 ACSR 6/1	802	716	606	159	794	35	15	0.02	6.43	83
14850039	14860054	7.48	193 3-	1/0 ACSR 6/1	796	711	601	159	780	34	15	0.01	6.47	26
14850024	14850039	7.57	1 1-	2 ACSR 6/1	0	0	592	158	5	0	0	0.00	7.81	0
14850025	14850039	7.54	2 1-	2 ACSR 6/1	0	0	596	158	15	1	1	0.00	8.26	0
14850026	14850025	7.69	2 1-	2 ACSR 6/1	0	0	582	157	15	1	1	0.01	8.27	0
14850027	14850026	7.82	1 1-	2 ACSR 6/1	0	0	571	156	4	0	0	0.00	8.27	0
14850018	14850039	7.63	190 3-	1/0 ACSR 6/1	781	697	590	158	761	34	15	0.01	6.55	61
14850022	14850018	7.75	34 1-	2 ACSR 6/1	0	0	579	157	135	18	10	0.06	8.44	7
D14-85-P021	14850022	7.75	34 1-	REC-25-H	0	0	579	157	135	18	73	0.00	8.44	0
14850021	D14-85-P021	7.92	34 1-	2 ACSR 6/1	0	0	564	156	135	18	10	0.09	8.53	10
14850028	14850021	8.03	34 1-	2 ACSR 6/1	0	0	556	155	135	18	10	0.05	8.59	6

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14850029	14850028	8.06	33 1-	2 ACSR 6/1	0	0	553	155	134	18	10	0.02	8.60	2
14850030	14850029	8.12	33 1-	2 ACSR 6/1	0	0	549	155	134	18	10	0.03	8.63	3
14850046	14850030	8.24	32 1-	2 ACSR 6/1	0	0	540	154	119	16	9	0.05	8.68	5
14850047	14850046	8.26	31 1-	2 ACSR 6/1	0	0	538	154	111	15	8	0.01	8.69	0
14850037	14850047	8.30	28 1-	2 ACSR 6/1	0	0	535	154	92	12	7	0.01	8.71	0
14850031	14850037	8.37	24 1-	2 ACSR 6/1	0	0	529	153	82	11	6	0.02	8.73	2
14850035	14850031	8.43	20 1-	2 ACSR 6/1	0	0	526	153	72	9	5	0.01	8.75	0
14850041	14850035	8.47	18 1-	2 ACSR 6/1	0	0	522	153	64	8	5	0.01	8.76	0
14850042	14850041	8.56	18 1-	2 ACSR 6/1	0	0	516	152	64	8	5	0.02	8.78	1
14850043	14850042	8.61	0 1-	2 ACSR 6/1	0	0	512	152	0	0	0	0.00	8.78	0
14850019	14850042	8.69	18 1-	2 ACSR 6/1	0	0	507	152	64	8	5	0.03	8.81	2
D14-84-P024	14850019	8.69	1 1-	FUS-10	0	0	507	152	1	0	2	0.00	8.81	0
14840023	D14-84-P024	9.05	1 1-	2 ACSR 6/1	0	0	484	149	1	0	0	0.00	8.81	0
14840030	14840023	9.14	0 1-	2 ACSR 6/1	0	0	479	149	0	0	0	0.00	8.81	0
14840038	14840023	9.09	1 1-	2 ACSR 6/1	0	0	481	149	1	0	0	0.00	8.81	0
14840024	14850019	8.86	17 1-	2 ACSR 6/1	0	0	496	151	63	8	5	0.04	8.85	2
14840031	14840024	8.91	2 1-	2 ACSR 6/1	0	0	492	150	10	1	1	0.00	8.85	0
14840026	14840024	9.00	15 1-	2 ACSR 6/1	0	0	487	150	52	7	4	0.03	8.88	1
14840032	14840026	9.43	15 1-	2 ACSR 6/1	0	0	461	147	52	7	4	0.09	8.97	4
14840033	14840032	9.53	13 1-	2 ACSR 6/1	0	0	456	147	49	6	4	0.02	8.98	0
14840035	14840033	9.76	12 1-	2 ACSR 6/1	0	0	444	146	44	6	3	0.04	9.02	1
14840037	14840035	9.82	1 1-	2 ACSR 6/1	0	0	440	145	1	0	0	0.00	9.02	0
14840036	14840035	9.78	1 1-	2 ACSR 6/1	0	0	443	145	9	1	1	0.00	9.02	0
14840034	14840035	9.86	10 1-	2 ACSR 6/1	0	0	438	145	35	4	3	0.01	9.04	0
14840040	14840034	9.93	7 1-	2 ACSR 6/1	0	0	435	145	24	3	2	0.01	9.04	0
14840028	14840040	10.08	6 1-	2 ACSR 6/1	0	0	427	144	14	1	1	0.01	9.05	0
14840029	14840028	10.12	2 1-	2 ACSR 6/1	0	0	425	144	4	0	0	0.00	9.05	0
14840042	14840028	10.65	3 1-	2 ACSR 6/1	0	0	402	141	7	1	1	0.01	9.06	0
14830003	14840042	10.74	2 1-	2 ACSR 6/1	0	0	397	140	3	0	0	0.00	9.06	0
14830004	14830003	10.84	0 1-	2 ACSR 6/1	0	0	393	140	0	0	0	0.00	9.06	0
14840041	14840040	10.02	1 1-	2 ACSR 6/1	0	0	431	144	10	1	1	0.00	9.05	0
14840039	14840034	9.92	2 1-	2 ACSR 6/1	0	0	436	145	10	1	1	0.00	9.04	0
14840043	14840033	9.69	1 1-	2 ACSR 6/1	0	0	447	146	5	0	0	0.00	8.99	0
14840025	14840026	9.01	0 1-	2 ACSR 6/1	0	0	486	150	0	0	0	0.00	8.88	0
14-84-P014-A	14840025	9.01	0 1-	Open	0	0	486	150	0	0	0	0.00	8.88	0
14850038	14850035	8.51	1 1-	2 ACSR 6/1	0	0	519	153	3	0	0	0.00	8.75	0
14850032	14850031	8.43	4 1-	2 ACSR 6/1	0	0	525	153	10	1	1	0.00	8.73	0
14850033	14850032	8.49	3 1-	2 ACSR 6/1	0	0	521	153	8	1	1	0.00	8.74	0
14850036	14850047	8.35	2 1-	2 ACSR 6/1	0	0	531	153	12	1	1	0.00	8.70	0
14850020	14850021	8.10	0 1-	2 ACSR 6/1	0	0	550	155	0	0	0	0.00	8.53	0
14850023	14850018	8.39	156 3-	1/0 ACSR 6/1	716	637	538	155	625	27	12	0.02	6.88	232
14750004	14850023	8.46	156 3-	1/0 ACSR 6/1	711	632	534	154	623	27	12	0.00	6.91	20
14750003	14750004	8.75	155 3-	1/0 ACSR 6/1	688	612	516	153	621	27	12	0.01	7.04	89
14750002	14750003	8.82	153 3-	1/0 ACSR 6/1	683	607	512	153	614	27	12	0.00	7.07	21
D14-74-P024	14750002	8.82	47 1-	REC-35-H	0	0	512	153	169	23	66	0.00	8.99	0
14740046	D14-74-P024	9.13	47 1-	2 ACSR 6/1	0	0	492	151	169	23	13	0.20	9.19	28
14740062	14740046	9.21	44 1-	2 ACSR 6/1	0	0	487	151	164	22	12	0.05	9.24	7
14740063	14740062	9.44	43 1-	2 ACSR 6/1	0	0	473	149	161	21	12	0.15	9.39	20
14740048	14740063	9.71	42 1-	2 ACSR 6/1	0	0	458	148	158	21	12	0.16	9.54	20
14640089	14740048	9.79	39 1-	2 ACSR 6/1	0	0	454	147	138	18	10	0.05	9.59	5
14640091	14640089	9.87	39 1-	2 ACSR 6/1	0	0	450	147	138	18	10	0.04	9.63	5
14640092	14640091	9.92	2 1-	2 ACSR 6/1	0	0	447	146	9	1	1	0.00	9.63	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14640073	14640092	10.00	1 1-	2 ACSR 6/1	0	0	443	146	8	1	1	0.00	9.63	0
14640071	14640092	10.08	1 1-	2 ACSR 6/1	0	0	438	146	1	0	0	0.00	9.63	0
14640090	14640091	9.94	35 1-	2 ACSR 6/1	0	0	446	146	126	17	10	0.04	9.67	4
14640075	14640090	10.02	30 1-	2 ACSR 6/1	0	0	441	146	114	15	9	0.04	9.70	3
14640050	14640075	10.19	28 1-	2 ACSR 6/1	0	0	433	145	101	13	8	0.07	9.77	6
14640099	14640050	10.25	22 1-	2 ACSR 6/1	0	0	430	145	84	11	6	0.02	9.79	1
14650028	14640099	10.33	20 1-	2 ACSR 6/1	0	0	426	144	73	10	6	0.02	9.81	1
14650029	14650028	10.37	15 1-	2 ACSR 6/1	0	0	424	144	67	9	5	0.01	9.82	0
14650030	14650029	10.43	11 1-	2 ACSR 6/1	0	0	422	144	53	7	4	0.01	9.83	0
14650020	14650030	10.49	8 1-	2 ACSR 6/1	0	0	418	143	44	5	3	0.01	9.84	0
14650021	14650020	10.60	6 1-	2 ACSR 6/1	0	0	413	143	35	4	3	0.01	9.85	0
14650015	14650021	10.65	4 1-	2 ACSR 6/1	0	0	411	143	23	3	2	0.00	9.86	0
14650019	14650015	10.72	2 1-	2 ACSR 6/1	0	0	408	142	6	0	0	0.00	9.86	0
14650017	14650019	11.25	1 1-	2 ACSR 6/1	0	0	386	139	4	0	0	0.00	9.86	0
14650048	14650017	11.26	0 1-	2 ACSR 6/1	0	0	386	139	0	0	0	0.00	9.86	0
14-65-P045-B	14650048	11.26	0 1-	Open	0	0	386	139	0	0	0	0.00	9.86	0
14650016	14650015	10.71	1 1-	2 ACSR 6/1	0	0	409	142	6	0	0	0.00	9.86	0
14650014	14650030	10.50	2 1-	2 ACSR 6/1	0	0	418	143	5	0	0	0.00	9.83	0
14640098	14640050	10.39	3 1-	2 ACSR 6/1	0	0	423	144	12	1	1	0.01	9.77	0
14650027	14640098	10.42	1 1-	2 ACSR 6/1	0	0	422	144	2	0	0	0.00	9.77	0
14640051	14640050	10.25	2 1-	2 ACSR 6/1	0	0	430	145	3	0	0	0.00	9.77	0
14640074	14640090	9.99	3 1-	2 ACSR 6/1	0	0	443	146	9	1	1	0.00	9.67	0
14640101	14640074	10.04	1 1-	2 ACSR 6/1	0	0	440	146	6	0	0	0.00	9.67	0
14640076	14640074	10.04	1 1-	2 ACSR 6/1	0	0	441	146	3	0	0	0.00	9.67	0
14640087	14740048	9.73	1 1-	2 ACSR 6/1	0	0	457	148	6	0	0	0.00	9.54	0
14640088	14640087	9.78	0 1-	2 ACSR 6/1	0	0	454	147	0	0	0	0.00	9.54	0
14740047	14740046	9.21	2 1-	2 ACSR 6/1	0	0	487	150	2	0	0	0.00	9.19	0
14740050	14750002	8.87	106 3-	2 ACSR 6/1	679	603	509	152	444	19	11	0.01	7.09	8
14740051	14740050	9.23	105 3-	2 ACSR 6/1	648	574	486	150	444	19	11	0.12	7.26	68
D14-74-P117	14740051	9.23	105 3-	REC-35-H	648	574	486	150	443	19	57	0.00	7.26	0
14740042	D14-74-P117	9.32	105 3-	2 ACSR 6/1	641	568	481	150	443	19	11	0.03	7.30	17
14740064	14740042	9.41	76 3-	2 ACSR 6/1	634	561	475	149	307	13	8	0.05	7.34	9
14740066	14740064	9.50	1 1-	2 ACSR 6/1	0	0	470	149	2	0	0	0.00	9.32	0
14740065	14740064	9.55	74 3-	2 ACSR 6/1	623	551	467	149	302	13	7	0.07	7.38	13
14740067	14740065	9.59	12 1-	2 ACSR 6/1	0	0	465	148	40	5	3	0.01	9.34	0
14740068	14740067	9.64	11 1-	2 ACSR 6/1	0	0	462	148	39	5	3	0.01	9.35	0
14740069	14740068	9.68	2 1-	2 ACSR 6/1	0	0	460	148	9	1	1	0.00	9.35	0
14740070	14740069	9.73	1 1-	2 ACSR 6/1	0	0	457	148	6	0	0	0.00	9.35	0
14740061	14740068	9.70	2 1-	2 ACSR 6/1	0	0	458	148	5	0	0	0.00	9.35	0
14740075	14740068	9.70	6 1-	2 ACSR 6/1	0	0	459	148	21	2	2	0.00	9.36	0
14740078	14740075	9.76	4 1-	2 ACSR 6/1	0	0	455	147	17	2	1	0.00	9.36	0
14740080	14740078	9.82	3 1-	2 ACSR 6/1	0	0	452	147	15	1	1	0.00	9.36	0
14740081	14740080	9.90	3 1-	2 ACSR 6/1	0	0	448	147	15	1	1	0.00	9.37	0
14740083	14740081	10.01	2 1-	2 ACSR 6/1	0	0	442	146	8	1	1	0.00	9.37	0
14740084	14740083	10.07	1 1-	2 ACSR 6/1	0	0	439	146	2	0	0	0.00	9.37	0
14740082	14740081	10.06	1 1-	2 ACSR 6/1	0	0	440	146	7	0	1	0.00	9.37	0
14740079	14740078	9.80	1 1-	2 ACSR 6/1	0	0	453	147	2	0	0	0.00	9.36	0
14740077	14740075	9.75	0 1-	2 ACSR 6/1	0	0	456	147	0	0	0	0.00	9.36	0
14740076	14740075	9.92	1 1-	2 ACSR 6/1	0	0	447	146	1	0	0	0.00	9.36	0
14740043	14740065	9.74	62 3-	2 ACSR 6/1	609	538	457	148	262	11	6	0.10	7.43	18
14740085	14740043	9.78	1 1-	2 ACSR 6/1	0	0	454	147	3	0	0	0.00	9.33	0
14740088	14740043	9.83	61 3-	2 ACSR 6/1	602	532	451	147	259	11	6	0.05	7.46	9

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14640083	14740088	9.87	26 1-	2 ACSR 6/1	0	0	449	147	127	17	10	0.02	9.28	2
14640042	14640083	9.88	26 1-	2 ACSR 6/1	0	0	449	147	127	17	10	0.00	9.29	0
14640059	14640042	9.93	7 1-	2 ACSR 6/1	0	0	446	146	36	4	3	0.01	9.29	0
14740087	14640059	9.94	4 1-	2 ACSR 6/1	0	0	446	146	22	2	2	0.00	9.29	0
14740086	14740087	10.01	2 1-	2 ACSR 6/1	0	0	442	146	13	1	1	0.00	9.30	0
14640041	14640042	9.98	19 1-	2 ACSR 6/1	0	0	443	146	91	12	7	0.04	9.32	3
14640068	14640041	10.02	2 1-	2 ACSR 6/1	0	0	441	146	22	2	2	0.00	9.33	0
14640102	14640068	10.12	1 1-	2 ACSR 6/1	0	0	437	145	12	1	1	0.00	9.33	0
14640040	14640041	10.03	17 1-	2 ACSR 6/1	0	0	441	146	69	9	5	0.01	9.34	0
14640072	14640040	10.12	16 1-	2 ACSR 6/1	0	0	436	145	67	9	5	0.02	9.36	1
14640070	14640072	10.21	15 1-	2 ACSR 6/1	0	0	432	145	64	8	5	0.02	9.38	1
14640052	14640070	10.27	2 1-	2 ACSR 6/1	0	0	429	145	1	0	0	0.00	9.38	0
14640043	14640070	10.30	13 1-	2 ACSR 6/1	0	0	428	144	63	8	5	0.02	9.40	0
14640045	14640043	10.37	2 1-	2 ACSR 6/1	0	0	424	144	8	1	1	0.00	9.41	0
14640046	14640045	10.50	1 1-	2 ACSR 6/1	0	0	418	143	2	0	0	0.00	9.41	0
14640048	14640046	10.55	1 1-	2 ACSR 6/1	0	0	416	143	2	0	0	0.00	9.41	0
14640047	14640046	10.55	0 1-	2 ACSR 6/1	0	0	416	143	0	0	0	0.00	9.41	0
14640044	14640043	10.64	9 1-	2 ACSR 6/1	0	0	412	143	51	6	4	0.07	9.47	3
14640054	14640044	10.75	8 1-	2 ACSR 6/1	0	0	407	142	44	6	3	0.02	9.49	0
14640055	14640054	10.81	8 1-	2 ACSR 6/1	0	0	404	142	44	6	3	0.01	9.50	0
14640058	14640055	10.89	1 1-	2 ACSR 6/1	0	0	401	141	1	0	0	0.00	9.50	0
14640056	14640055	10.89	7 1-	2 ACSR 6/1	0	0	401	141	43	5	3	0.01	9.52	0
14640057	14640056	11.13	6 1-	2 ACSR 6/1	0	0	391	140	41	5	3	0.04	9.55	1
14540042	14640057	11.19	1 1-	2 ACSR 6/1	0	0	388	140	11	1	1	0.00	9.55	0
14540047	14640057	11.17	4 1-	2 ACSR 6/1	0	0	389	140	23	3	2	0.00	9.55	0
14540054	14540047	11.23	2 1-	2 ACSR 6/1	0	0	387	140	6	0	0	0.00	9.56	0
14540055	14540054	11.38	1 1-	2 ACSR 6/1	0	0	381	139	1	0	0	0.00	9.56	0
14540063	14540047	11.20	1 1-	2 ACSR 6/1	0	0	388	140	7	0	1	0.00	9.55	0
14540043	14540047	11.21	1 1-	2 ACSR 6/1	0	0	387	140	11	1	1	0.00	9.56	0
14540050	14540043	11.27	0 1-	2 ACSR 6/1	0	0	385	139	0	0	0	0.00	9.56	0
14640039	14640044	10.69	1 1-	2 ACSR 6/1	0	0	409	142	7	0	1	0.00	9.47	0
14640053	14640039	10.75	0 1-	2 ACSR 6/1	0	0	407	142	0	0	0	0.00	9.47	0
14640049	14640039	10.72	1 1-	2 ACSR 6/1	0	0	408	142	7	0	1	0.00	9.48	0
14640069	14640040	10.09	1 1-	2 ACSR 6/1	0	0	438	146	2	0	0	0.00	9.34	0
14640084	14740088	9.93	34 1-	2 ACSR 6/1	0	0	446	146	128	16	9	0.05	3.83	5
14640096	14640084	10.02	31 1-	2 ACSR 6/1	0	0	442	146	123	16	9	0.04	3.87	4
14640097	14640096	10.08	30 1-	2 ACSR 6/1	0	0	439	146	120	15	9	0.03	3.90	3
14640094	14640097	10.14	29 1-	2 ACSR 6/1	0	0	435	145	116	15	8	0.03	3.93	2
14640086	14640094	10.19	28 1-	2 ACSR 6/1	0	0	433	145	114	14	8	0.02	3.95	2
14640095	14640086	10.24	27 1-	2 ACSR 6/1	0	0	431	145	112	14	8	0.02	3.97	2
14640093	14640095	10.31	26 1-	2 ACSR 6/1	0	0	427	144	109	14	8	0.03	4.00	2
14640062	14640093	10.39	23 1-	2 ACSR 6/1	0	0	423	144	102	13	7	0.03	4.03	2
14640064	14640062	10.45	19 1-	2 ACSR 6/1	0	0	421	144	83	10	6	0.02	4.05	1
14640077	14640064	10.51	18 1-	2 ACSR 6/1	0	0	418	143	77	10	6	0.02	4.06	1
14630012	14640077	10.55	6 1-	2 ACSR 6/1	0	0	416	143	29	3	2	0.00	4.07	0
14630014	14630012	10.57	1 1-	2 ACSR 6/1	0	0	415	143	3	0	0	0.00	4.07	0
14630013	14630012	11.06	5 1-	2 ACSR 6/1	0	0	394	140	25	3	2	0.05	4.12	0
14630005	14630013	11.11	4 1-	2 ACSR 6/1	0	0	392	140	13	1	1	0.00	4.12	0
14630006	14630005	11.26	2 1-	2 ACSR 6/1	0	0	386	139	3	0	0	0.00	4.12	0
14630007	14630006	11.30	1 1-	2 ACSR 6/1	0	0	384	139	2	0	0	0.00	4.12	0
14630004	14630013	11.11	1 1-	2 ACSR 6/1	0	0	392	140	12	1	1	0.00	4.12	0
14630008	14640077	10.59	10 1-	2 ACSR 6/1	0	0	414	143	45	5	3	0.01	4.08	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS	CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
14640078	14630008	10.67	9 1-	2 ACSR 6/1	0	0	411	142	41	5	3	0.01	4.09	0
14640079	14640078	10.72	8 1-	2 ACSR 6/1	0	0	408	142	38	4	3	0.01	4.10	0
14640080	14640079	10.77	7 1-	2 ACSR 6/1	0	0	406	142	32	4	2	0.01	4.10	0
14640081	14640080	10.84	5 1-	2 ACSR 6/1	0	0	403	142	25	3	2	0.01	4.11	0
14640082	14640081	10.88	3 1-	2 ACSR 6/1	0	0	401	141	13	1	1	0.00	4.11	0
14640066	14640082	10.97	1 1-	2 ACSR 6/1	0	0	397	141	2	0	0	0.00	4.11	0
14640067	14640081	10.90	1 1-	2 ACSR 6/1	0	0	401	141	6	0	0	0.00	4.11	0
14640063	14640062	10.43	2 1-	2 ACSR 6/1	0	0	422	144	10	1	1	0.00	4.03	0
14640065	14640063	10.46	1 1-	2 ACSR 6/1	0	0	420	144	6	0	0	0.00	4.03	0
14640061	14640062	10.47	1 1-	2 ACSR 6/1	0	0	420	144	6	0	0	0.00	4.03	0
14640060	14640093	10.42	1 1-	2 ACSR 6/1	0	0	422	144	3	0	0	0.00	4.00	0
14640085	14640084	10.00	1 1-	2 ACSR 6/1	0	0	443	146	2	0	0	0.00	3.83	0
14740054	14740042	9.39	26 1-	2 ACSR 6/1	0	0	477	149	122	16	9	0.03	9.34	3
14740094	14740054	9.43	24 1-	2 ACSR 6/1	0	0	474	149	109	14	8	0.02	9.36	2
14740096	14740094	9.47	8 1-	2 ACSR 6/1	0	0	472	149	46	6	4	0.01	9.37	0
14740092	14740096	9.53	7 1-	2 ACSR 6/1	0	0	468	149	42	5	3	0.01	9.38	0
14740093	14740092	9.56	7 1-	2 ACSR 6/1	0	0	466	148	42	5	3	0.00	9.38	0
14740073	14740093	9.58	6 1-	2 ACSR 6/1	0	0	465	148	39	5	3	0.00	9.39	0
14740074	14740073	9.65	5 1-	2 ACSR 6/1	0	0	461	148	35	4	3	0.01	9.39	0
14740071	14740074	9.72	4 1-	2 ACSR 6/1	0	0	457	148	27	3	2	0.01	9.40	0
14740072	14740071	9.85	3 1-	2 ACSR 6/1	0	0	450	147	18	2	1	0.01	9.41	0
14740053	14740072	9.91	1 1-	2 ACSR 6/1	0	0	448	147	3	0	0	0.00	9.41	0
14740095	14740094	9.54	15 1-	2 ACSR 6/1	0	0	468	149	60	8	5	0.03	9.39	1
14740058	14740095	9.63	9 1-	2 ACSR 6/1	0	0	463	148	42	5	3	0.01	9.40	0
14740056	14740058	9.68	6 1-	2 ACSR 6/1	0	0	460	148	34	4	3	0.01	9.41	0
14740055	14740056	9.73	3 1-	2 ACSR 6/1	0	0	457	148	13	1	1	0.00	9.41	0
14740052	14740055	9.77	2 1-	2 ACSR 6/1	0	0	455	147	5	0	0	0.00	9.41	0
14740098	14740052	9.89	1 1-	2 ACSR 6/1	0	0	448	147	2	0	0	0.00	9.41	0
14740044	14740056	10.13	2 1-	2 ACSR 6/1	0	0	436	145	14	1	1	0.02	9.43	0
D14-84-P055	14740044	10.13	2 1-	FUS	0	0	436	145	14	1	43	0.00	9.43	0
14840046	D14-84-P055	10.22	2 1-	2 ACSR 6/1	0	0	417	143	14	1	1	0.02	9.45	0
14840045	14840046	10.64	1 1-	2 ACSR 6/1	0	0	412	143	13	1	1	0.00	9.46	0
14840027	14740044	10.35	0 1-	2 ACSR 6/1	0	0	425	144	0	0	0	0.00	9.43	0
14-84-P014-B	14840027	10.35	0 1-	Open	0	0	425	144	0	0	0	0.00	9.43	0
14740057	14740058	9.66	2 1-	2 ACSR 6/1	0	0	461	148	8	1	1	0.00	9.40	0
14740059	14740095	9.59	5 1-	2 ACSR 6/1	0	0	465	148	17	2	1	0.00	9.39	0
14740060	14740059	9.65	4 1-	2 ACSR 6/1	0	0	461	148	15	2	1	0.00	9.39	0
14740089	14740060	9.80	3 1-	2 ACSR 6/1	0	0	453	147	8	1	1	0.00	9.40	0
14740091	14740089	10.00	1 1-	2 ACSR 6/1	0	0	443	146	3	0	0	0.00	9.40	0
14740090	14740089	9.88	1 1-	2 ACSR 6/1	0	0	449	147	4	0	0	0.00	9.40	0
14740049	14740042	9.38	1 1-	2 ACSR 6/1	0	0	477	150	6	0	0	0.00	9.31	0
14740045	14740042	9.36	2 1-	2 ACSR 6/1	0	0	478	150	7	0	1	0.00	9.31	0
14860043	14860032	7.02	5 1-	2 ACSR 6/1	0	0	636	160	20	2	1	0.01	3.27	0
14860044	14860043	7.09	2 1-	2 ACSR 6/1	0	0	629	160	5	0	0	0.00	3.28	0
14860045	14860044	7.16	1 1-	2 ACSR 6/1	0	0	622	160	4	0	0	0.00	3.28	0
14860047	14860045	7.24	0 1-	2 ACSR 6/1	0	0	614	159	0	0	0	0.00	3.28	0
14860046	14860045	7.25	1 1-	2 ACSR 6/1	0	0	613	159	4	0	0	0.00	3.28	0
14860033	14860032	6.92	4 1-	2 ACSR 6/1	0	0	646	161	24	3	2	0.00	7.39	0
14860048	14860033	6.98	2 1-	2 ACSR 6/1	0	0	641	161	8	1	1	0.00	7.39	0
14860042	14860033	6.96	1 1-	2 ACSR 6/1	0	0	643	161	7	0	1	0.00	7.39	0
14860036	14860027	6.36	1 1-	2 ACSR 6/1	0	0	700	164	4	0	0	0.00	6.92	0
14860041	14860025	6.13	1 1-	2 ACSR 6/1	0	0	723	164	3	0	0	0.00	6.77	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14870034	14870023	5.52	1 1-	2 ACSR 6/1	0	0	783	166	1	0	0	0.00	6.67	0
14870035	14870034	5.61	1 1-	2 ACSR 6/1	0	0	769	166	1	0	0	0.00	6.67	0
14870054	14870044	4.94	6 1-	2 ACSR 6/1	0	0	851	168	38	5	3	0.01	6.23	0
14870055	14870054	5.16	4 1-	2 ACSR 6/1	0	0	812	167	21	2	2	0.01	6.24	0
14870029	14870055	5.21	3 1-	2 ACSR 6/1	0	0	803	166	14	1	1	0.00	6.25	0
14870056	14870029	5.36	2 1-	2 ACSR 6/1	0	0	780	165	13	1	1	0.00	6.25	0
14770007	14870056	5.40	1 1-	2 ACSR 6/1	0	0	773	165	3	0	0	0.00	6.25	0
14880068	14880067	4.01	2 1-	2 ACSR 6/1	0	0	992	171	11	1	1	0.00	5.67	0
14880063	14880062	3.93	1 1-	2 ACSR 6/1	0	0	1008	172	9	1	1	0.00	3.00	0
14780043	14780042	3.50	1 1-	2 ACSR 6/1	0	0	1111	174	14	1	1	0.00	2.54	0
14780040	14780026	3.31	0 1-	2 ACSR 6/1	0	0	1164	175	0	0	0	0.00	2.36	0
14780025	14780024	3.23	1 1-	2 ACSR 6/1	0	0	1188	175	8	0	1	0.00	2.28	0
14780030	14780025	3.30	1 1-	15 KV 2 URD XLP	0	0	1170	397	8	0	1	0.00	2.28	0
14780023	14780039	3.12	5 1-	2 ACSR 6/1	0	0	1223	176	28	3	2	0.00	2.18	0
14780027	14780023	3.16	5 1-	15 KV 2 URD XLP	0	0	1211	402	28	3	2	0.01	2.18	0
14780028	14780027	3.19	2 1-	15 KV 2 URD XLP	0	0	1203	401	10	1	1	0.00	2.18	0
14780029	14780027	3.23	1 1-	15 KV 2 URD XLP	0	0	1195	399	6	0	0	0.00	2.18	0
14780035	14780022	2.94	1 1-	2 ACSR 6/1	0	0	1277	177	3	0	0	0.00	1.97	0
14690081	14690080	1.52	1 1-	2 ACSR 6/1	0	0	2057	184	7	0	0	0.00	1.30	0
14690084	14690115	1.16	2 1-	2 ACSR 6/1	0	0	2368	185	11	1	1	0.00	0.74	0
14690085	14690084	1.22	1 1-	2 ACSR 6/1	0	0	2293	185	4	0	0	0.00	0.74	0
14690145	14690115	1.09	4 3-	336 ACSR 18/1	2546	2467	2474	186	20	0	0	0.00	0.54	0
14690146	14690145	1.15	2 3-	336 ACSR 18/1	2513	2430	2425	186	10	0	0	0.00	0.54	0
14691480	14690146	1.15	1 3-	Consumer	2513	2430	2425	186	0	0	0	0.00	0.54	0
14690140	14690145	1.12	2 1-	2 ACSR 6/1	0	0	2440	186	10	1	1	0.00	0.67	0
14690141	14690140	1.14	2 1-	2 ACSR 6/1	0	0	2406	186	10	1	1	0.00	0.67	0
14690138	14690141	1.17	1 1-	2 ACSR 6/1	0	0	2370	186	8	0	1	0.00	0.67	0
CKT 2 total losses:		\$14,602												

SUB 64, CKT 3

BK6403	GOLDBUG(64)	0.00	109 3-	BK6403	3358	3539	3970	189	3027	131	33	0.00	0.00	0
15620041	BK6403	0.02	109 3-	4/0 ACSR 6/1	3329	3498	3907	188	3027	131	39	0.03	0.03	60
15620042	15620041	0.07	109 3-	4/0 ACSR 6/1	3270	3414	3780	188	3027	131	39	0.06	0.10	126
15-62-P056-B	15620042	0.07	109 3-	Closed	3270	3414	3780	188	3026	131	0	0.00	0.10	0
15-62-P056-A	15-62-P056-B	0.07	109 3-	Closed	3270	3414	3780	188	3026	131	0	0.00	0.10	0
15620043	15-62-P056-A	0.17	109 3-	4/0 ACSR 6/1	3164	3269	3566	188	3026	131	39	0.11	0.22	233
15720229	15620043	0.25	109 3-	4/0 ACSR 6/1	3076	3151	3394	188	3023	131	39	0.10	0.33	207
15720192	15720229	0.30	7 1-	2 ACSR 6/1	0	0	3284	187	22	2	2	0.00	0.29	0
15720193	15720192	0.34	1 1-	2 ACSR 6/1	0	0	3191	187	9	1	1	0.00	0.29	0
15720140	15720229	0.29	102 3-	4/0 ACSR 6/1	3033	3095	3313	188	2999	130	38	0.05	0.39	103
15720230	15720140	0.30	102 3-	4/0 ACSR 6/1	3029	3090	3305	188	2998	130	38	0.00	0.39	10
15-72-P018-B	15720230	0.30	102 3-	Closed	3029	3090	3305	188	2998	130	0	0.00	0.39	0
15-72-P018-A	15-72-P018-B	0.30	102 3-	Closed	3029	3090	3305	188	2998	130	0	0.00	0.39	0
15720141	15-72-P018-A	0.32	102 3-	4/0 ACSR 6/1	3004	3057	3259	187	2998	130	38	0.03	0.43	62
15722100	15720141	0.32	102 3-	Consumer	3004	3057	3259	187	2997	130	0	0.00	0.43	0
15720206	15722100	0.42	0 3-	15 KV 2 URD XLP	2919	3011	3132	477	0	0	0	0.00	0.43	0
15720205	15722100	0.33	100 3-	4/0 ACSR 6/1	2992	3042	3237	187	2770	120	35	0.01	0.44	25
15720197	15720205	0.38	99 3-	4/0 ACSR 6/1	2952	2999	3164	187	2768	120	35	0.04	0.49	87
D15-72-P021	15720197	0.38	2 1-	FUS-30	0	0	3164	187	9	1	4	0.00	0.54	0
15720219	D15-72-P021	0.41	2 1-	2 ACSR 6/1	0	0	3097	187	9	1	1	0.00	0.54	0
15720218	15720219	0.50	1 1-	2 ACSR 6/1	0	0	2902	186	8	1	1	0.00	0.54	0
15720198	15720197	0.42	97 3-	4/0 ACSR 6/1	2913	2940	3093	187	2759	119	35	0.04	0.54	87

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
15720199	15720198	0.46	96 3-	4/0 ACSR 6/1	2876	2894	3029	187	2753	119	35	0.04	0.59	82
15720183	15720199	0.50	95 3-	4/0 ACSR 6/1	2837	2844	2961	187	2751	119	35	0.04	0.64	91
15720184	15720183	0.57	94 3-	4/0 ACSR 6/1	2777	2771	2859	187	2749	119	35	0.07	0.72	143
15720125	15720184	0.63	91 3-	4/0 ACSR 6/1	2729	2713	2781	186	2739	119	35	0.06	0.79	116
D15-72-P029	15720125	0.63	3 1-	FUS-30	0	0	2781	186	14	1	7	0.00	0.82	0
15720221	D15-72-P029	0.65	3 1-	2 ACSR 6/1	0	0	2748	186	14	1	1	0.00	0.82	0
15720126	15720125	0.69	86 3-	4/0 ACSR 6/1	2681	2655	2703	186	2714	118	35	0.06	0.86	121
D15-72-P150	15720126	0.69	2 1-	FUS-60	0	0	2703	186	10	1	2	0.00	0.90	0
15720136	D15-72-P150	0.77	2 1-	2 ACSR 6/1	0	0	2573	186	10	1	1	0.00	0.90	0
15720181	15720126	0.71	0 3-	1/0 ACSR 6/1	2663	2634	2676	186	0	0	0	0.00	0.86	0
15-72-P331-B	15720181	0.71	0 3-	Open	2663	2634	2676	186	0	0	0	0.00	0.86	0
15720159	15720126	0.73	83 3-	1/0 ACSR 6/1	2646	2614	2651	186	2700	117	51	0.06	0.93	144
15720160	15720159	0.78	82 3-	1/0 ACSR 6/1	2593	2554	2575	186	2692	117	51	0.10	1.05	221
D15-72-P034	15720160	0.78	16 1-	FUS-60	0	0	2575	186	68	8	14	0.00	1.09	0
15720161	D15-72-P034	0.81	16 1-	2 ACSR 6/1	0	0	2532	186	68	8	5	0.01	1.10	0
15720162	15720161	0.84	15 1-	2 ACSR 6/1	0	0	2482	185	63	7	4	0.01	1.11	0
15720178	15720162	0.87	14 1-	2 ACSR 6/1	0	0	2443	185	59	7	4	0.01	1.11	0
15720179	15720178	0.92	10 1-	2 ACSR 6/1	0	0	2376	185	23	2	2	0.00	1.12	0
15720180	15720179	0.94	9 1-	2 ACSR 6/1	0	0	2346	185	18	2	1	0.00	1.12	0
15720119	15720180	1.00	2 1-	2 ACSR 6/1	0	0	2277	184	5	0	0	0.00	1.12	0
15720201	15720178	0.91	2 1-	2 ACSR 6/1	0	0	2389	185	5	0	0	0.00	1.11	0
15720200	15720178	0.96	1 1-	2 ACSR 6/1	0	0	2318	184	28	3	2	0.00	1.12	0
15720127	15720160	0.81	65 3-	1/0 ACSR 6/1	2566	2524	2537	186	2620	114	50	0.05	1.10	109
15720164	15720127	0.83	62 3-	1/0 ACSR 6/1	2549	2504	2513	186	2611	113	50	0.04	1.14	71
15720177	15720164	0.86	60 3-	1/0 ACSR 6/1	2523	2475	2477	185	2606	113	49	0.05	1.19	105
D15-72-P054	15720177	0.86	5 1-	FUS-60	0	0	2477	185	15	1	3	0.00	1.24	0
15720167	D15-72-P054	0.89	5 1-	2 ACSR 6/1	0	0	2429	185	15	1	1	0.00	1.24	0
15720168	15720167	0.92	4 1-	2 ACSR 6/1	0	0	2392	185	11	1	1	0.00	1.24	0
15720128	15720168	0.95	2 1-	2 ACSR 6/1	0	0	2347	185	7	0	0	0.00	1.24	0
15720158	15720128	0.98	1 1-	2 ACSR 6/1	0	0	2317	184	5	0	0	0.00	1.24	0
15720129	15720177	0.89	54 3-	1/0 ACSR 6/1	2491	2439	2433	185	2549	111	48	0.07	1.26	129
D15-72-P057	15720129	0.89	3 1-	FUS-30	0	0	2433	185	13	1	6	0.00	1.31	0
15720222	D15-72-P057	0.94	3 1-	2 ACSR 6/1	0	0	2373	185	13	1	1	0.00	1.31	0
15720173	15720129	0.95	50 3-	1/0 ACSR 6/1	2446	2389	2371	185	2532	110	48	0.10	1.36	185
D15-72-P058	15720173	0.95	1 1-	FUS-30	0	0	2371	185	5	0	2	0.00	1.20	0
15720223	D15-72-P058	0.97	1 1-	2 ACSR 6/1	0	0	2337	185	5	0	0	0.00	1.20	0
15720174	15720173	0.99	49 3-	1/0 ACSR 6/1	2412	2350	2325	185	2525	110	48	0.07	1.44	144
15720131	15720174	1.02	13 1-	2 ACSR 6/1	0	0	2290	184	42	5	3	0.00	1.49	0
D15-72-P070	15720131	1.02	12 1-	REC-70-L	0	0	2290	184	39	4	7	0.00	1.49	0
15720037	D15-72-P070	1.07	12 1-	2 ACSR 6/1	0	0	2229	184	39	4	3	0.01	1.49	0
15720042	15720037	1.13	1 1-	2 ACSR 6/1	0	0	2155	184	5	0	0	0.00	1.49	0
15720030	15720037	1.14	11 1-	2 ACSR 6/1	0	0	2147	184	33	4	2	0.01	1.50	0
15720154	15720030	1.17	3 1-	2 ACSR 6/1	0	0	2115	183	12	1	1	0.00	1.50	0
15720155	15720154	1.20	2 1-	2 ACSR 6/1	0	0	2076	183	8	1	1	0.00	1.50	0
15720156	15720155	1.28	1 1-	2 ACSR 6/1	0	0	2001	182	3	0	0	0.00	1.50	0
15720039	15720030	1.25	2 1-	2 ACSR 6/1	0	0	2025	183	8	0	1	0.00	1.50	0
15720029	15720030	1.22	5 1-	2 ACSR 6/1	0	0	2064	183	10	1	1	0.00	1.51	0
15720040	15720029	1.27	2 1-	2 ACSR 6/1	0	0	2005	182	3	0	0	0.00	1.51	0
15720143	15720029	1.40	3 1-	2 ACSR 6/1	0	0	1887	182	7	0	0	0.00	1.51	0
15720144	15720143	1.60	2 1-	2 ACSR 6/1	0	0	1720	180	4	0	0	0.00	1.51	0
15720130	15720174	1.03	33 3-	1/0 ACSR 6/1	2375	2309	2276	184	2477	108	47	0.08	1.52	153
D15-72-P063	15720130	1.03	2 1-	FUS-30	0	0	2276	184	5	0	2	0.00	1.36	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15720224	D15-72-P063	1.07	2 1-	2 ACSR 6/1	0	0	2231	184	5	0	0	0.00	1.36	0
15720166	15720130	1.09	29 3-	1/0 ACSR 6/1	2328	2257	2215	184	2459	107	47	0.11	1.64	199
D15-72-P065	15720166	1.09	1 1-	FUS-30	0	0	2215	184	1	0	0	0.00	1.47	0
15720225	D15-72-P065	1.18	1 1-	2 ACSR 6/1	0	0	2121	183	1	0	0	0.00	1.47	0
15720171	15720166	1.14	28 3-	1/0 ACSR 6/1	2296	2222	2173	184	2456	107	47	0.08	1.71	141
D15-72-P066	15720171	1.14	3 1-	FUS-30	0	0	2173	184	5	0	2	0.00	1.55	0
15720226	D15-72-P066	1.17	3 1-	2 ACSR 6/1	0	0	2140	184	5	0	0	0.00	1.55	0
15720157	15720226	1.18	0 1-	2 ACSR 6/1	0	0	2122	184	0	0	0	0.00	1.55	0
15720138	15720171	1.19	21 3-	1/0 ACSR 6/1	2254	2176	2119	184	2440	107	47	0.10	1.82	185
C15-72-P183	15720138	1.19	0 3-	Capacitor	2254	2176	2119	184	0	-13	0	0.00	1.82	0
15720139	15720138	1.22	21 3-	1/0 ACSR 6/1	2233	2153	2093	183	2438	111	48	0.06	1.88	104
15720054	15720139	1.24	18 3-	1/0 ACSR 6/1	2222	2140	2078	183	2431	111	48	0.03	1.91	58
15820037	15720054	1.28	17 3-	1/0 ACSR 6/1	2194	2110	2044	183	2431	111	48	0.08	1.99	139
D15-82-P019	15820037	1.28	2 1-	FUS	0	0	2044	183	10	1	31	0.00	2.14	0
15820040	D15-82-P019	1.31	2 1-	2 ACSR 6/1	0	0	2015	183	10	1	1	0.00	2.14	0
15820036	15820037	1.33	15 3-	1/0 ACSR 6/1	2157	2069	1997	183	2419	110	48	0.11	2.10	194
15820150	15820036	1.33	2 3-	Consumer	2157	2069	1997	183	1907	87	0	0.00	2.10	0
15820023	15820036	1.34	13 3-	1/0 ACSR 6/1	2150	2062	1989	183	511	23	10	0.00	2.10	2
15820024	15820023	1.38	13 3-	1/0 ACSR 6/1	2124	2034	1958	183	511	23	10	0.02	2.12	6
15820026	15820024	1.40	13 3-	1/0 ACSR 6/1	2113	2022	1944	183	511	23	10	0.01	2.12	3
D15-82-P067	15820026	1.40	2 1-	FUS-30	0	0	1944	183	5	0	3	0.00	2.29	0
15820035	D15-82-P067	1.46	2 1-	2 ACSR 6/1	0	0	1891	182	5	0	0	0.00	2.29	0
15820025	15820026	1.42	10 3-	1/0 ACSR 6/1	2100	2009	1929	182	502	22	10	0.01	2.13	3
15820021	15820025	1.45	2 3-	1/0 ACSR 6/1	2084	1991	1909	182	408	18	8	0.01	2.14	3
15820190	15820021	1.45	2 3-	Consumer	2084	1991	1909	182	408	18	0	0.00	2.14	0
15820022	15820021	1.49	0 3-	1/0 ACSR 6/1	2059	1964	1879	182	0	0	0	0.00	2.14	0
15820016	15820022	1.50	0 3-	1/0 ACSR 6/1	2050	1954	1868	182	0	0	0	0.00	2.14	0
15820017	15820025	1.47	7 3-	1/0 ACSR 6/1	2071	1978	1894	182	92	4	2	0.00	2.14	0
D15-82-P006	15820017	1.47	5 3-	FUS-30	2071	1978	1894	182	27	1	4	0.00	2.14	0
15820034	D15-82-P006	1.48	5 3-	1/0 ACSR 6/1	2062	1967	1882	182	27	1	1	0.00	2.14	0
15820020	15820034	1.51	4 3-	1/0 ACSR 6/1	2046	1950	1863	182	18	0	0	0.00	2.14	0
15820029	15820020	1.56	2 3-	1/0 ACSR 6/1	2012	1914	1824	182	3	0	0	0.00	2.14	0
15820018	15820017	1.53	1 3-	1/0 ACSR 6/1	2029	1932	1844	182	63	2	1	0.00	2.14	0
15820019	15820018	1.55	0 3-	1/0 ACSR 6/1	2022	1924	1835	182	0	0	0	0.00	2.14	0
15820038	15820019	1.62	0 3-	1/0 ACSR 6/1	1980	1880	1787	181	0	0	0	0.00	2.14	0
15820014	15820038	1.64	0 3-	1/0 ACSR 6/1	1967	1867	1771	181	0	0	0	0.00	2.14	0
15820015	15820014	1.72	0 1-	2 ACSR 6/1	0	0	1711	181	0	0	0	0.00	1.97	0
15720148	15720184	0.61	3 3-	4/0 ACSR 6/1	2741	2727	2801	187	9	0	0	0.00	0.72	0
15720149	15720148	0.67	1 3-	4/0 ACSR 6/1	2696	2673	2727	186	3	0	0	0.00	0.72	0

CKT 3 total losses: \$3,851

SUB 64, CKT 4

BK6404	GOLDBUG(64)	0.00	73 3-	BK6404	3358	3539	3970	189	992	43	11	0.00	0.00	0
15620033	BK6404	0.12	73 3-	336 ACSR 18/1	3242	3362	3718	188	992	43	8	0.06	0.04	23
15-62-P056A-B	15620033	0.12	73 3-	Closed	3242	3362	3718	188	992	43	0	0.00	0.04	0
15-62-P056A-A	15-62-P056A-B	0.12	73 3-	Closed	3242	3362	3718	188	992	43	0	0.00	0.04	0
15620048	15-62-P056A-A	0.30	73 3-	336 ACSR 18/1	3088	3143	3406	188	992	43	8	0.08	0.10	33
15720194	15620048	0.32	26 1-	2 ACSR 6/1	0	0	3346	188	93	11	7	0.01	0.15	0
D15-72-P284	15720194	0.32	26 1-	RCC-50-L	0	0	3346	188	93	11	24	0.00	0.15	0
15720137	D15-72-P284	0.34	26 1-	2 ACSR 6/1	0	0	3316	188	93	11	7	0.00	0.15	0
15720234	15720137	0.36	1 1-	2 ACSR 6/1	0	0	3254	187	3	0	0	0.00	0.15	0
15720232	15720137	0.39	25 1-	2 ACSR 6/1	0	0	3192	187	90	11	6	0.02	0.17	1

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15720195	15720232	0.46	23 1-	2 ACSR 6/1	0	0	3039	187	88	11	6	0.02	0.19	1
15720196	15720195	0.56	20 1-	2 ACSR 6/1	0	0	2840	186	76	9	5	0.03	0.22	2
14690073	15720196	0.62	12 1-	2 ACSR 6/1	0	0	2724	185	47	5	3	0.01	0.23	0
14690136	14690073	0.65	12 1-	2 ACSR 6/1	0	0	2667	185	47	5	3	0.00	0.23	0
14690137	14690136	0.70	11 1-	2 ACSR 6/1	0	0	2588	185	37	4	3	0.01	0.24	0
14690074	14690137	0.76	10 1-	2 ACSR 6/1	0	0	2498	184	34	4	2	0.01	0.25	0
14690090	14690074	0.80	9 1-	2 ACSR 6/1	0	0	2444	184	24	2	2	0.00	0.25	0
14690143	14690090	0.85	1 1-	2 ACSR 6/1	0	0	2371	184	7	0	0	0.00	0.25	0
14690082	14690090	0.85	7 1-	2 ACSR 6/1	0	0	2360	184	14	1	1	0.00	0.25	0
14690088	14690082	0.91	6 1-	2 ACSR 6/1	0	0	2282	183	13	1	1	0.00	0.25	0
14690087	14690088	0.96	3 1-	2 ACSR 6/1	0	0	2223	183	8	1	1	0.00	0.26	0
14690083	14690087	1.01	3 1-	2 ACSR 6/1	0	0	2161	182	8	1	1	0.00	0.26	0
14690055	15720196	0.59	8 1-	2 ACSR 6/1	0	0	2779	186	29	3	2	0.00	0.22	0
14790081	14690055	0.62	6 1-	2 ACSR 6/1	0	0	2721	185	22	2	2	0.00	0.22	0
14790122	14790081	0.69	2 1-	2 ACSR 6/1	0	0	2614	185	5	0	0	0.00	0.22	0
14790048	14790081	0.74	4 1-	2 ACSR 6/1	0	0	2534	184	17	2	1	0.01	0.23	0
14790088	14790048	0.77	2 1-	2 ACSR 6/1	0	0	2478	184	11	1	1	0.00	0.23	0
14790089	14790088	0.81	0 1-	2 ACSR 6/1	0	0	2427	184	0	0	0	0.00	0.23	0
14790087	14790048	0.79	2 1-	2 ACSR 6/1	0	0	2459	184	6	0	0	0.00	0.23	0
15720036	15620048	0.33	47 3-	336 ACSR 18/1	3064	3109	3359	188	898	39	8	0.01	0.11	4
15-72-P008-B	15720036	0.33	47 3-	Closed	3064	3109	3359	188	898	39	0	0.00	0.11	0
15-72-P008-A	15-72-P008-B	0.33	47 3-	Closed	3064	3109	3359	188	898	39	0	0.00	0.11	0
15720032	15-72-P008-A	0.42	47 3-	336 ACSR 18/1	2994	3016	3227	188	898	39	8	0.03	0.13	13
15720187	15720032	0.51	29 3-	336 ACSR 18/1	2926	2927	3102	187	836	37	7	0.03	0.16	11
D15-72-P010	15720187	0.51	7 1-	FUS-60	0	0	3102	187	42	5	9	0.00	0.21	0
15720145	D15-72-P010	0.54	7 1-	2 ACSR 6/1	0	0	3043	187	42	5	3	0.00	0.22	0
15720146	15720145	0.56	5 1-	2 ACSR 6/1	0	0	2996	187	37	4	3	0.00	0.22	0
15720188	15720146	0.58	1 1-	2 ACSR 6/1	0	0	2951	187	12	1	1	0.00	0.22	0
15720051	15720146	0.62	2 1-	2 ACSR 6/1	0	0	2881	187	15	1	1	0.00	0.22	0
15720052	15720146	0.67	2 1-	2 ACSR 6/1	0	0	2780	186	10	1	1	0.00	0.22	0
15720150	15720187	0.54	20 3-	336 ACSR 18/1	2905	2900	3065	187	788	35	7	0.01	0.16	3
15720152	15720150	0.58	3 3-	336 ACSR 18/1	2873	2860	3009	187	13	0	0	0.00	0.16	0
15720151	15720150	0.58	15 3-	336 ACSR 18/1	2875	2862	3012	187	767	34	6	0.01	0.17	4
15720186	15720151	0.63	2 1-	2 ACSR 6/1	0	0	2909	187	3	0	0	0.00	0.18	0
15720185	15720151	0.62	10 3-	336 ACSR 18/1	2846	2826	2961	187	754	33	6	0.01	0.19	4
15720182	15720185	0.67	6 3-	336 ACSR 18/1	2809	2779	2897	187	736	33	6	0.01	0.20	5
15720153	15720182	0.75	2 3-	1/0 ACSR 6/1	2728	2690	2775	187	722	32	14	0.05	0.24	24
15720920	15720153	0.75	2 3-	Consumer	2728	2690	2775	187	721	32	0	0.00	0.24	0
15720228	15720153	0.83	0 3-	1/0 ACSR 6/1	2648	2600	2657	186	0	0	0	0.00	0.24	0
15720038	15720228	0.91	0 3-	1/0 ACSR 6/1	2574	2518	2550	186	0	0	0	0.00	0.24	0
15720041	15720038	0.94	0 3-	15 KV 2 URD XLP	2552	2502	2522	469	0	0	0	0.00	0.24	0
15720213	15720038	0.96	0 1-	15 KV 2 URD XLP	0	0	2489	468	0	0	0	0.00	0.25	0
15720214	15720213	1.00	0 1-	15 KV 2 URD XLP	0	0	2429	464	0	0	0	0.00	0.25	0
15720043	15720038	0.95	0 3-	15 KV 2 URD XLP	2548	2499	2518	469	0	0	0	0.00	0.24	0
15720044	15720043	1.03	0 3-	15 KV 2 URD XLP	2491	2454	2446	464	0	0	0	0.00	0.24	0
15720031	15720228	0.90	0 3-	1/0 ACSR 6/1	2584	2529	2565	186	0	0	0	0.00	0.24	0
15720207	15720031	0.97	0 3-	1/0 ACSR 6/1	2516	2453	2469	185	0	0	0	0.00	0.24	0
15720208	15720207	1.03	0 3-	1/0 ACSR 6/1	2464	2396	2397	185	0	0	0	0.00	0.24	0
15720211	15720208	1.10	0 1-	15 KV 2 URD XLP	0	0	2320	462	0	0	0	0.00	0.25	0
15720212	15720211	1.10	0 1-	15 KV 2 URD XLP	0	0	2315	462	0	0	0	0.00	0.25	0
15720210	15720208	1.07	0 3-	1/0 ACSR 6/1	2435	2364	2358	185	0	0	0	0.00	0.24	0
15720049	15720210	1.13	0 3-	1/0 ACSR 6/1	2387	2311	2293	185	0	0	0	0.00	0.24	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 85	CARPENTER (85)	3336			0	0	0	0	20594						
SUB 85,	CKT 1														
BK8501+	CARPENTER(85)	0.00	757	3-	BK8501	0	0	0	3024	67	34	0.00	0.00	0	
22230032+	BK8501	0.10	757	3-	4/0 ACSR 6/1	0	0	0	3024	67	20	0.04	0.03	65	
22230033+	22230032	0.13	757	3-	4/0 ACSR 6/1	0	0	0	3024	67	20	0.02	0.04	24	
22230035+	22230033	0.25	756	3-	4/0 ACSR 6/1	0	0	0	3015	67	20	0.05	0.08	79	
22230036+	22230035	0.31	756	3-	4/0 ACSR 6/1	0	0	0	3015	67	20	0.03	0.10	43	
D22-13-P143+	22230036	0.31	1	1-	FUS	0	0	0	0	0	0	0.00	0.13	0	
22130045+	D22-13-P143	0.64	1	1-	2 ACSR 6/1	0	0	0	0	0	0	0.00	0.13	0	
22130026+	22230036	0.38	754	3-	4/0 ACSR 6/1	0	0	0	3003	67	20	0.03	0.12	41	
22120023+	22230026	0.44	754	3-	4/0 ACSR 6/1	0	0	0	3003	67	20	0.03	0.14	41	
22120042+	22120023	0.56	752	3-	4/0 ACSR 6/1	0	0	0	2990	67	20	0.05	0.18	78	
22120043+	22120042	0.64	752	3-	4/0 ACSR 6/1	0	0	0	2989	67	20	0.03	0.21	52	
22120048+	22120043	0.68	752	3-	1/0 ACSR 6/1	0	0	0	2989	67	29	0.03	0.23	56	
22120052+	22120048	0.91	751	3-	1/0 ACSR 6/1	0	0	0	2987	67	29	0.16	0.37	310	
22120037+	22120052	1.00	747	3-	1/0 ACSR 6/1	0	0	0	2980	67	29	0.06	0.42	117	
D22-13-P068A+	22120037	1.00	2	1-	FUS-30	0	0	0	6	0	2	0.00	0.52	0	
22130042+	D22-13-P068A	1.10	2	1-	2 ACSR 6/1	0	0	0	6	0	0	0.00	0.52	0	
22120049+	22130042	1.17	1	1-	2 ACSR 6/1	0	0	0	4	0	0	0.00	0.52	0	
22120058+	22120049	1.46	0	1-	2 ACSR 6/1	0	0	0	0	0	0	0.00	0.52	0	
22120051+	22120049	1.23	0	1-	2 ACSR 6/1	0	0	0	0	0	0	0.00	0.52	0	
22120050+	22120049	1.23	0	1-	2 ACSR 6/1	0	0	0	0	0	0	0.00	0.52	0	
D22-13-P068+	22120037	1.00	26	1-	FUS	0	0	0	118	7	181	0.00	0.43	0	
22130023+	D22-13-P068	1.06	26	1-	2 ACSR 6/1	0	0	0	118	7	4	0.01	0.43	0	
22130029+	22130023	1.14	26	1-	2 ACSR 6/1	0	0	0	118	7	4	0.01	0.44	0	
22130043+	22130029	1.19	1	1-	2 ACSR 6/1	0	0	0	10	0	0	0.00	0.44	0	
22130024+	22130029	1.18	25	1-	2 ACSR 6/1	0	0	0	108	7	4	0.01	0.45	0	
22130018+	22130024	1.36	24	1-	2 ACSR 6/1	0	0	0	107	7	4	0.02	0.47	2	
22130019+	22130018	1.42	23	1-	2 ACSR 6/1	0	0	0	105	7	4	0.01	0.47	0	
22130020+	22130019	1.51	22	1-	2 ACSR 6/1	0	0	0	100	6	4	0.01	0.48	0	
22130021+	22130020	1.64	21	1-	2 ACSR 6/1	0	0	0	97	6	4	0.01	0.49	0	
22130022+	22130021	1.67	19	1-	2 ACSR 6/1	0	0	0	94	6	3	0.00	0.50	0	
22130038+	22130022	2.06	16	1-	2 ACSR 6/1	0	0	0	85	5	3	0.03	0.53	2	
22130039+	22130038	2.11	15	1-	2 ACSR 6/1	0	0	0	79	5	3	0.00	0.53	0	
22130040+	22130039	2.14	14	1-	2 ACSR 6/1	0	0	0	78	5	3	0.00	0.54	0	
22130032+	22130040	2.44	2	1-	2 ACSR 6/1	0	0	0	13	0	0	0.00	0.54	0	
22130031+	22130040	2.29	11	1-	2 ACSR 6/1	0	0	0	62	4	2	0.01	0.55	0	
22130033+	22130031	2.35	1	1-	2 ACSR 6/1	0	0	0	3	0	0	0.00	0.55	0	
22130017+	22130031	2.35	10	1-	2 ACSR 6/1	0	0	0	60	4	2	0.00	0.55	0	
22140009+	22130017	2.41	9	1-	2 ACSR 6/1	0	0	0	54	3	2	0.00	0.55	0	
22140015+	22140009	2.49	6	1-	2 ACSR 6/1	0	0	0	48	3	2	0.00	0.56	0	
22140014+	22140015	2.57	5	1-	2 ACSR 6/1	0	0	0	43	2	2	0.00	0.56	0	
22140005+	22140014	2.61	3	1-	2 ACSR 6/1	0	0	0	27	1	1	0.00	0.56	0	
22140006+	22140005	2.65	2	1-	2 ACSR 6/1	0	0	0	16	1	1	0.00	0.56	0	
22140013+	22140006	2.74	1	1-	2 ACSR 6/1	0	0	0	10	0	0	0.00	0.56	0	
22140004+	22140014	2.63	1	1-	2 ACSR 6/1	0	0	0	8	0	0	0.00	0.56	0	
22140008+	22140009	2.48	1	1-	2 ACSR 6/1	0	0	0	1	0	0	0.00	0.55	0	
22140007+	22130017	2.48	1	1-	2 ACSR 6/1	0	0	0	6	0	0	0.00	0.55	0	
22130027+	22130022	1.74	2	1-	2 ACSR 6/1	0	0	0	7	0	0	0.00	0.50	0	
22130028+	22130027	1.82	1	1-	2 ACSR 6/1	0	0	0	4	0	0	0.00	0.50	0	
22130034+	22120037	1.21	719	3-	1/0 ACSR 6/1	0	0	0	2854	64	28	0.14	0.53	245	
22130035+	22130034	1.47	719	3-	1/0 ACSR 6/1	0	0	0	2852	64	28	0.17	0.68	315	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22130036+	22130035	1.53	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.82	0
22130015+	22130035	1.55	717 3-	1/0 ACSR 6/1	0	0	0	0	2847	64	28	0.05	0.72	95
22130030+	22130015	1.68	716 3-	1/0 ACSR 6/1	0	0	0	0	2846	64	28	0.08	0.79	153
22030023+	22130030	1.73	715 3-	1/0 ACSR 6/1	0	0	0	0	2836	64	28	0.03	0.82	62
D22-03-P024+	22030023	1.73	6 1-	FUS	0	0	0	0	9	0	13	0.00	0.67	0
22030019+	D22-03-P024	1.74	6 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	0.67	0
22030020+	22030019	1.85	5 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	0.67	0
22030021+	22030020	1.94	4 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	0.67	0
22030022+	22030021	1.99	3 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.67	0
22030014+	22030022	2.03	3 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.67	0
22030015+	22030014	2.26	3 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.67	0
22030016+	22030015	2.35	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	0.67	0
22030010+	22030015	2.28	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.67	0
22030024+	22030010	2.38	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.67	0
22030025+	22030024	2.73	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.67	0
22030017+	22030010	2.36	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.67	0
22030013+	22030022	2.05	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.67	0
22030012+	22030020	1.97	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.67	0
22030011+	22030023	2.11	709 3-	1/0 ACSR 6/1	0	0	0	0	2827	63	28	0.24	1.02	439
22030018+	22030011	2.15	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	0.84	0
22030007+	22030011	2.18	706 3-	1/0 ACSR 6/1	0	0	0	0	2813	63	28	0.05	1.07	92
22030009+	22030007	2.34	705 3-	1/0 ACSR 6/1	0	0	0	0	2803	63	28	0.10	1.15	179
16930020+	22030009	2.48	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	0.95	0
16930017+	22030009	2.72	703 3-	1/0 ACSR 6/1	0	0	0	0	2794	63	27	0.25	1.36	449
16930018+	16930017	2.80	702 3-	1/0 ACSR 6/1	0	0	0	0	2788	63	27	0.05	1.40	86
16930008+	16930018	2.94	697 3-	1/0 ACSR 6/1	0	0	0	0	2777	62	27	0.10	1.48	167
16830020+	16930008	3.04	694 3-	1/0 ACSR 6/1	0	0	0	0	2771	62	27	0.06	1.53	108
16830022+	16830020	3.23	690 3-	1/0 ACSR 6/1	0	0	0	0	2758	62	27	0.13	1.63	223
16830018+	16830022	3.32	690 3-	1/0 ACSR 6/1	0	0	0	0	2756	62	27	0.05	1.68	94
16830019+	16830018	3.37	680 3-	1/0 ACSR 6/1	0	0	0	0	2723	61	27	0.04	1.71	62
16830035+	16830019	3.41	289 3-	1/0 ACSR 6/1	0	0	0	0	932	21	9	0.02	1.71	7
16-83-P116-A+	16830035	3.41	289 3-	Closed	0	0	0	0	932	21	0	0.00	1.71	0
16-83-P116-B+	16-83-P116-A	3.41	289 3-	Closed	0	0	0	0	932	21	0	0.00	1.71	0
16830037+	16-83-P116-B	3.90	289 3-	1/0 ACSR 6/1	0	0	0	0	932	21	9	0.21	1.80	100
D16-82-P022+	16830037	3.90	4 1-	FUS-30	0	0	0	0	7	0	2	0.00	1.50	0
16820008+	D16-82-P022	4.08	4 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.50	0
20852120+	16820008	4.15	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.50	0
20851921+	16830037	4.00	285 3-	1/0 ACSR 6/1	0	0	0	0	925	20	9	0.04	1.82	22
16720031+	20851921	4.03	284 3-	1/0 ACSR 6/1	0	0	0	0	922	20	9	0.01	1.82	6
20851520+	16720031	4.22	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.35	0
16720069+	16720031	4.10	282 3-	1/0 ACSR 6/1	0	0	0	0	918	20	9	0.03	1.84	14
D16-72-P123+	16720069	4.10	282 3-	REC-70-E	0	0	0	0	918	20	30	0.00	1.84	0
20851522+	D16-72-P123	4.23	282 3-	1/0 ACSR 6/1	0	0	0	0	918	20	9	0.05	1.86	25
20851521+	20851522	4.27	282 3-	1/0 ACSR 6/1	0	0	0	0	918	20	9	0.02	1.86	7
16820007+	20851521	4.39	276 3-	1/0 ACSR 6/1	0	0	0	0	897	20	9	0.05	1.88	23
D16-82-P053+	16820007	4.39	8 1-	FUS-30	0	0	0	0	33	2	8	0.00	2.50	0
16820009+	D16-82-P053	4.63	8 1-	2 ACSR 6/1	0	0	0	0	33	2	1	0.01	2.50	0
20851340+	16820009	4.67	7 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	2.51	0
20851443+	20851340	4.78	4 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	2.51	0
20851847+	20851443	4.82	3 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	2.51	0
20851849+	20851847	4.89	2 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	2.51	0
20851780+	20851849	5.02	2 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	2.51	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851782+	20851780	5.13	1 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	2.51	0
20851781+	20851780	5.08	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.51	0
20851848+	20851847	4.86	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.51	0
20851343+	20851340	4.73	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.51	0
20851342+	20851343	4.79	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.51	0
20851341+	20851343	4.76	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.51	0
16720067+	16820007	4.50	268 3-	1/0 ACSR 6/1	0	0	0	0	865	19	9	0.04	1.90	19
16720066+	16720067	4.60	268 3-	1/0 ACSR 6/1	0	0	0	0	864	19	9	0.04	1.92	17
16720053+	16720066	4.74	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.59	0
16720052+	16720066	4.65	267 3-	1/0 ACSR 6/1	0	0	0	0	857	19	8	0.02	1.93	9
16720051+	16720052	4.70	267 3-	1/0 ACSR 6/1	0	0	0	0	857	19	8	0.02	1.93	9
16720050+	16720051	4.77	266 3-	1/0 ACSR 6/1	0	0	0	0	855	19	8	0.03	1.95	12
16720059+	16720050	5.01	266 3-	1/0 ACSR 6/1	0	0	0	0	855	19	8	0.09	1.98	41
D16-72-P076+	16720059	5.01	29 1-	FUS-25-E	0	0	0	0	112	7	0	0.00	1.58	0
16720070+	D16-72-P076	5.34	29 1-	2 ACSR 6/1	0	0	0	0	112	7	4	0.04	1.62	3
16720054+	16720070	5.45	28 1-	2 ACSR 6/1	0	0	0	0	112	7	4	0.01	1.63	0
16720055+	16720054	5.54	27 1-	2 ACSR 6/1	0	0	0	0	110	7	4	0.01	1.64	0
16720056+	16720055	5.71	27 1-	2 ACSR 6/1	0	0	0	0	110	7	4	0.02	1.66	2
20851338+	16720056	5.93	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.66	0
15890008+	16720056	5.76	26 1-	2 ACSR 6/1	0	0	0	0	108	7	4	0.01	1.67	0
20851255+	15890008	5.80	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.67	0
20851230+	15890008	5.91	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.67	0
15890009+	15890008	5.89	24 1-	2 ACSR 6/1	0	0	0	0	103	6	4	0.01	1.68	1
20851256+	15890009	5.94	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.68	0
15890010+	15890009	6.10	23 1-	2 ACSR 6/1	0	0	0	0	101	6	4	0.02	1.70	2
20851258+	15890010	6.18	22 1-	2 ACSR 6/1	0	0	0	0	100	6	4	0.01	1.71	0
20851259+	20851258	6.23	21 1-	2 ACSR 6/1	0	0	0	0	96	6	4	0.01	1.72	0
20851260+	20851259	6.33	20 1-	2 ACSR 6/1	0	0	0	0	94	6	4	0.01	1.73	0
D15-89-P015+	20851260	6.33	10 1-	FUS-15	0	0	0	0	42	2	21	0.00	1.73	0
20851454+	D15-89-P015	6.43	10 1-	2 ACSR 6/1	0	0	0	0	42	2	2	0.00	1.73	0
20851455+	20851454	6.59	9 1-	2 ACSR 6/1	0	0	0	0	39	2	1	0.01	1.74	0
20851456+	20851455	6.64	7 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	1.74	0
20851457+	20851456	6.70	6 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	1.74	0
20851458+	20851457	6.89	6 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	1.74	0
20851459+	20851458	6.93	4 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	1.74	0
15890011+	20851459	7.01	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.75	0
20851557+	20851459	7.06	3 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	1.75	0
20851546+	20851557	7.24	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.75	0
15990010+	20851546	7.50	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.75	0
20852127+	20851546	7.29	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.75	0
15890012+	20851260	6.94	10 1-	2 ACSR 6/1	0	0	0	0	52	3	2	0.03	1.76	1
15790014+	15890012	7.01	9 1-	2 ACSR 6/1	0	0	0	0	47	3	2	0.00	1.76	0
D15-79-P020+	15790014	7.01	1 1-	FUS	0	0	0	0	7	0	10	0.00	1.76	0
15790015+	D15-79-P020	7.34	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.76	0
15790013+	15790014	7.08	8 1-	2 ACSR 6/1	0	0	0	0	40	2	2	0.00	1.76	0
15790002+	15790013	7.29	7 1-	2 ACSR 6/1	0	0	0	0	38	2	1	0.01	1.77	0
15790003+	15790002	7.33	5 1-	2 ACSR 6/1	0	0	0	0	30	2	1	0.00	1.77	0
20851160+	15790003	7.47	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.77	0
15790004+	15790003	7.39	4 1-	2 ACSR 6/1	0	0	0	0	27	1	1	0.00	1.77	0
15790006+	15790004	7.42	3 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	1.77	0
15790007+	15790006	7.48	3 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	1.78	0
15790008+	15790007	7.55	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	1.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851257+	15890010	6.14	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.70	0
16720062+	16720059	5.05	55 1-	2 ACSR 6/1	0	0	0	0	157	10	6	0.01	2.74	0
D16-72-P018+	16720062	5.05	54 1-	FUS-25-E	0	0	0	0	153	10	0	0.00	2.74	0
16720071+	D16-72-P018	5.31	54 1-	2 ACSR 6/1	0	0	0	0	153	10	6	0.04	2.78	5
16720036+	16720071	5.40	52 1-	2 ACSR 6/1	0	0	0	0	149	10	6	0.01	2.80	2
D16-72-P118+	16720036	5.40	9 1-	FUS-15	0	0	0	0	38	2	20	0.00	2.80	0
16720065+	D16-72-P118	5.53	9 1-	2 ACSR 6/1	0	0	0	0	38	2	1	0.01	2.80	0
16720041+	16720065	5.63	7 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	2.80	0
16720042+	16720041	5.72	6 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	2.81	0
16720043+	16720042	5.79	6 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	2.81	0
16720034+	16720043	5.90	5 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	2.81	0
16730014+	16720034	6.27	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.81	0
16730015+	16730014	6.33	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.81	0
16730013+	16730014	6.30	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	2.81	0
20851900+	16730013	6.63	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.82	0
16730003+	16720034	6.05	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.81	0
20851909+	16730003	6.23	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.81	0
20851804+	16730003	6.16	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	2.81	0
16720040+	16720065	5.59	2 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	2.80	0
16720027+	16720036	5.58	43 1-	2 ACSR 6/1	0	0	0	0	111	7	4	0.02	2.82	2
16720045+	16720027	5.63	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.82	0
20850990+	16720027	5.73	41 1-	2 ACSR 6/1	0	0	0	0	109	7	4	0.02	2.84	1
16620014+	20850990	5.78	2 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	2.84	0
16620013+	16620014	5.82	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	2.84	0
20850991+	20850990	5.80	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	2.84	0
20850992+	20850991	5.86	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.84	0
20850993+	20850992	5.93	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	2.84	0
20850989+	20850990	5.85	35 1-	2 ACSR 6/1	0	0	0	0	97	6	4	0.01	2.85	0
20851117+	20850989	5.94	33 1-	2 ACSR 6/1	0	0	0	0	95	6	4	0.01	2.86	0
20851118+	20851117	6.04	29 1-	2 ACSR 6/1	0	0	0	0	90	6	3	0.01	2.86	0
20850709+	20851118	6.11	28 1-	2 ACSR 6/1	0	0	0	0	87	5	3	0.01	2.87	0
20850708+	20850709	6.16	27 1-	2 ACSR 6/1	0	0	0	0	80	5	3	0.00	2.88	0
20850638+	20850708	6.38	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.88	0
20850636+	20850708	6.20	26 1-	2 ACSR 6/1	0	0	0	0	77	5	3	0.00	2.88	0
20850637+	20850636	6.23	25 1-	2 ACSR 6/1	0	0	0	0	77	5	3	0.00	2.88	0
20850663+	20850637	6.36	24 1-	2 ACSR 6/1	0	0	0	0	76	5	3	0.01	2.89	0
20851578+	20850663	6.40	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.89	0
20851129+	20850663	6.45	23 1-	2 ACSR 6/1	0	0	0	0	73	5	3	0.01	2.90	0
20851513+	20851129	6.62	8 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.01	2.90	0
20851703+	20851513	6.74	5 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	2.91	0
20851383+	20851703	6.85	3 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	2.91	0
20851382+	20851383	6.93	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.91	0
16630019+	20851383	7.04	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.91	0
16530058+	16630019	7.25	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.91	0
16530059+	16530058	7.63	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.91	0
16-52-P032-A+	16530059	7.63	0 1-	Open	0	0	0	0	0	0	0	0.00	2.91	0
20851512+	20851513	6.75	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.90	0
20851130+	20851129	6.53	13 1-	2 ACSR 6/1	0	0	0	0	36	2	1	0.00	2.90	0
20851373+	20851130	6.63	11 1-	2 ACSR 6/1	0	0	0	0	34	2	1	0.00	2.90	0
20851374+	20851373	6.68	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.90	0
16630018+	20851373	6.68	11 1-	2 ACSR 6/1	0	0	0	0	34	2	1	0.00	2.91	0
D16-63-P045+	16630018	6.68	6 1-	FUS	0	0	0	0	28	1	43	0.00	2.91	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851377+	D16-63-P045	6.77	6 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	2.91	0
20851379+	20851377	6.94	4 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	2.91	0
20851380+	20851379	7.23	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	2.91	0
16630021+	20851380	7.49	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.92	0
16730010+	16630021	7.59	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.92	0
20851634+	16730010	7.86	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.92	0
20851635+	20851634	7.92	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.92	0
20851381+	20851380	7.26	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.91	0
20851378+	20851377	6.82	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.91	0
20851375+	16630018	6.72	5 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.91	0
20851376+	20851375	6.85	4 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.91	0
20851514+	20851376	6.97	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.91	0
20851515+	20851514	7.07	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.91	0
20851516+	20851515	7.19	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	2.91	0
20851128+	20851129	6.62	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.90	0
20851116+	20851117	6.03	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.86	0
16720037+	16720062	5.08	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.74	0
16720061+	16720059	5.04	181 3-	1/0 ACSR 6/1	0	0	0	0	581	13	6	0.01	1.99	3
16720044+	16720061	5.06	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.58	0
16720033+	16720061	5.08	178 3-	1/0 ACSR 6/1	0	0	0	0	574	13	6	0.01	1.99	4
D16-72-P015+	16720033	5.08	178 3-	REC-25-E	0	0	0	0	574	13	52	0.00	1.99	0
16720030+	D16-72-P015	5.29	178 3-	1/0 ACSR 6/1	0	0	0	0	574	13	6	0.05	2.01	18
D16-72-P005+	16720030	5.29	3 1-	FUS-30	0	0	0	0	12	0	3	0.00	2.81	0
16720068+	D16-72-P005	5.30	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.81	0
16720039+	16720068	5.37	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.81	0
16720047+	16720039	5.48	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.81	0
16720046+	16720039	5.42	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.81	0
16720029+	16720030	5.34	175 3-	1/0 ACSR 6/1	0	0	0	0	562	12	6	0.01	2.02	4
16720048+	16720029	5.42	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.56	0
16720032+	16720029	5.47	173 3-	1/0 ACSR 6/1	0	0	0	0	557	12	5	0.03	2.03	11
16720049+	16720032	5.52	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.85	0
16720028+	16720032	5.53	172 3-	1/0 ACSR 6/1	0	0	0	0	550	12	5	0.01	2.04	5
D16-72-P008+	16720028	5.53	10 1-	FUS-30	0	0	0	0	24	1	6	0.00	1.55	0
16720057+	D16-72-P008	5.61	10 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	1.55	0
16720058+	16720057	5.72	9 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	1.56	0
20851473+	16720058	5.81	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.56	0
15790009+	16720058	6.02	7 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	1.56	0
15790005+	15790009	6.34	6 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	1.56	0
20851731+	15790005	6.42	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.57	0
20851729+	16720058	5.81	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.56	0
20851730+	20851729	5.85	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.56	0
16620008+	16720028	5.62	162 3-	1/0 ACSR 6/1	0	0	0	0	525	11	5	0.02	2.05	7
D16-62-P048+	16620008	5.62	13 1-	FUS-30	0	0	0	0	24	1	6	0.00	2.89	0
16620015+	D16-62-P048	5.67	13 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	2.89	0
20851148+	16620015	5.73	12 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	2.89	0
20851183+	20851148	5.78	11 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	2.89	0
20851185+	20851183	6.11	6 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	2.90	0
20851262+	20851185	6.24	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.90	0
20851263+	20851262	6.28	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.90	0
20851186+	20851185	6.15	4 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.90	0
20851261+	20851186	6.20	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.90	0
20851184+	20851183	5.84	4 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16620010+	20851184	6.00	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.89	0
20850962+	16620008	5.65	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.55	0
16620009+	16620008	5.68	148 3-	1/0 ACSR 6/1	0	0	0	0	498	11	5	0.01	2.05	4
20851264+	16620009	5.70	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.90	0
20851127+	16620009	5.76	147 3-	1/0 ACSR 6/1	0	0	0	0	494	11	5	0.02	2.06	6
20851265+	20851127	5.92	147 3-	1/0 ACSR 6/1	0	0	0	0	494	11	5	0.04	2.08	12
15690034+	20851265	6.09	145 3-	1/0 ACSR 6/1	0	0	0	0	490	11	5	0.04	2.09	11
20851728+	15690034	6.22	143 3-	1/0 ACSR 6/1	0	0	0	0	487	11	5	0.03	2.11	9
D15-69-P088+	20851728	6.22	10 1-	FUS-30	0	0	0	0	39	2	10	0.00	3.02	0
15690047+	D15-69-P088	6.26	10 1-	2 ACSR 6/1	0	0	0	0	39	2	1	0.00	3.02	0
20851769+	15690047	6.30	8 1-	2 ACSR 6/1	0	0	0	0	36	2	1	0.00	3.02	0
20851770+	20851769	6.41	8 1-	2 ACSR 6/1	0	0	0	0	36	2	1	0.00	3.03	0
20851771+	20851770	6.45	8 1-	2 ACSR 6/1	0	0	0	0	36	2	1	0.00	3.03	0
15690043+	20851771	6.48	8 1-	2 ACSR 6/1	0	0	0	0	36	2	1	0.00	3.03	0
15690044+	15690043	6.59	8 1-	2 ACSR 6/1	0	0	0	0	36	2	1	0.00	3.04	0
20851739+	15690044	6.67	6 1-	2 ACSR 6/1	0	0	0	0	29	1	1	0.00	3.04	0
20851740+	20851739	6.74	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.04	0
20851727+	20851740	6.88	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.04	0
20851567+	20851728	6.39	132 3-	1/0 ACSR 6/1	0	0	0	0	441	10	4	0.03	2.12	9
D15-69-P086+	20851567	6.39	4 1-	FUS-30	0	0	0	0	7	0	2	0.00	3.05	0
15690046+	D15-69-P086	6.42	4 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.05	0
15690029+	15690046	6.53	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.05	0
20851535+	15690029	6.61	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.05	0
20851536+	20851535	6.71	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.05	0
15690023+	20851567	6.46	127 3-	1/0 ACSR 6/1	0	0	0	0	427	9	4	0.01	2.12	4
D15-69-P027+	15690023	6.46	7 1-	FUS-25	0	0	0	0	31	2	9	0.00	1.82	0
15690026+	D15-69-P027	6.55	7 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	1.82	0
15690027+	15690026	6.65	6 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	1.82	0
20852145+	15690027	6.70	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.82	0
20852146+	20852145	6.83	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.82	0
20852144+	15690027	6.69	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.82	0
20852142+	15690027	6.74	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	1.82	0
20852143+	20852142	6.81	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	1.82	0
15690033+	15690023	6.53	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.82	0
15690025+	15690023	6.52	119 3-	1/0 ACSR 6/1	0	0	0	0	389	8	4	0.01	2.13	3
15690032+	15690025	6.60	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.82	0
15690031+	15690025	6.93	118 3-	1/0 ACSR 6/1	0	0	0	0	387	8	4	0.08	2.16	21
15690030+	15690031	7.09	118 3-	1/0 ACSR 6/1	0	0	0	0	387	8	4	0.03	2.17	8
15690024+	15690030	7.19	117 3-	1/0 ACSR 6/1	0	0	0	0	382	8	4	0.02	2.18	5
D15-69-P004+	15690024	7.19	2 1-	FUS	0	0	0	0	3	0	4	0.00	1.88	0
15690041+	D15-69-P004	7.43	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.88	0
15690042+	15690041	7.68	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.88	0
15690045+	15690024	7.22	51 3-	1/0 ACSR 6/1	0	0	0	0	151	3	1	0.00	2.18	0
15680004+	15690045	7.28	51 3-	1/0 ACSR 6/1	0	0	0	0	151	3	1	0.00	2.18	0
20852173+	15680004	7.37	46 3-	1/0 ACSR 6/1	0	0	0	0	144	3	1	0.00	2.18	0
D15-68-P013+	20852173	7.37	3 1-	FUS-30	0	0	0	0	5	0	1	0.00	1.44	0
15680005+	D15-68-P013	7.45	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.44	0
20852140+	15680005	7.69	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.44	0
20852172+	20852173	7.41	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.22	0
20852171+	20852173	7.44	42 3-	1/0 ACSR 6/1	0	0	0	0	138	3	1	0.00	2.18	0
20852169+	20852171	7.55	38 3-	1/0 ACSR 6/1	0	0	0	0	134	3	1	0.00	2.19	0
20852168+	20852169	7.60	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.22	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852167+	20852169	7.68	35 3-	1/0 ACSR 6/1	0	0	0	0	123	2	1	0.00	2.19	0
20852166+	20852167	7.76	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.23	0
20851797+	20852167	7.72	32 3-	1/0 ACSR 6/1	0	0	0	0	111	2	1	0.00	2.19	0
20851796+	20851797	7.84	32 3-	1/0 ACSR 6/1	0	0	0	0	111	2	1	0.00	2.19	0
15580030+	20851796	7.93	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.23	0
15580029+	20851796	7.91	29 3-	1/0 ACSR 6/1	0	0	0	0	87	1	1	0.00	2.19	0
15580028+	15580029	7.98	29 3-	1/0 ACSR 6/1	0	0	0	0	87	1	1	0.00	2.20	0
15580027+	15580028	8.08	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.92	0
15580026+	15580028	8.01	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.92	0
15580014+	15580028	8.15	27 3-	1/0 ACSR 6/1	0	0	0	0	81	1	1	0.00	2.20	0
15580025+	15580014	8.25	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.24	0
15580024+	15580014	8.19	1 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	1.93	0
15580023+	15580014	8.23	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.93	0
15580021+	15580014	8.35	23 3-	1/0 ACSR 6/1	0	0	0	0	60	1	1	0.00	2.20	0
15580020+	15580021	8.44	19 3-	1/0 ACSR 6/1	0	0	0	0	47	1	0	0.00	2.20	0
15580011+	15580020	8.50	17 1-	2 ACSR 6/1	0	0	0	0	39	2	1	0.00	3.25	0
15580033+	15580011	8.55	12 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	3.25	0
15580034+	15580033	8.59	10 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	3.25	0
15580035+	15580034	8.64	7 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.25	0
15580036+	15580035	8.81	6 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	3.25	0
15580016+	15580036	9.28	5 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.25	0
15580017+	15580016	9.33	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.25	0
15580018+	15580017	9.45	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.25	0
15580019+	15580018	9.52	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.25	0
15580031+	15580011	8.56	5 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	3.25	0
15580032+	15580031	8.65	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	3.25	0
15580015+	15580032	8.69	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	3.25	0
15570036+	15580020	8.70	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.20	0
D15-57-P025+	15570036	8.70	0 3-	REC-70-E	0	0	0	0	0	0	0	0.00	2.20	0
SW4-B+	D15-57-P025	8.70	0 3-	Open	0	0	0	0	0	0	0	0.00	2.20	0
15580022+	15580021	8.40	4 3-	1/0 ACSR 6/1	0	0	0	0	13	0	0	0.00	2.20	0
20852170+	20852171	7.47	3 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.44	0
15680003+	15680004	7.35	4 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.22	0
20852141+	15680003	7.41	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.22	0
20851732+	15680003	7.40	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.22	0
20851733+	15690024	7.28	64 1-	2 ACSR 6/1	0	0	0	0	228	15	9	0.02	3.23	4
20851734+	20851733	7.38	63 1-	2 ACSR 6/1	0	0	0	0	225	15	9	0.02	3.26	4
D15-69-P009+	20851734	7.38	62 1-	REC-35-E	0	0	0	0	223	15	44	0.00	3.26	0
15690022+	D15-69-P009	7.46	62 1-	2 ACSR 6/1	0	0	0	0	223	15	8	0.02	3.28	3
15690038+	15690022	7.51	61 1-	2 ACSR 6/1	0	0	0	0	209	14	8	0.01	3.29	2
15690040+	15690038	7.55	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.29	0
15690039+	15690038	7.64	60 1-	2 ACSR 6/1	0	0	0	0	200	13	8	0.03	3.31	4
15590011+	15690039	7.68	59 1-	2 ACSR 6/1	0	0	0	0	198	13	8	0.01	3.32	1
15590016+	15590011	7.75	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.32	0
15590006+	15590011	7.79	57 1-	2 ACSR 6/1	0	0	0	0	192	13	7	0.02	3.34	3
15590020+	15590006	7.83	52 1-	2 ACSR 6/1	0	0	0	0	169	11	6	0.01	3.35	0
15590021+	15590020	8.07	51 1-	2 ACSR 6/1	0	0	0	0	162	11	6	0.04	3.39	5
15590012+	15590021	8.21	6 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	3.39	0
15590024+	15590012	8.24	5 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.39	0
15590025+	15590024	8.26	4 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	3.39	0
15590026+	15590025	8.50	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	3.40	0
15590014+	15590026	8.54	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.40	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15590013+	15590026	8.78	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.40	0
15590005+	15590021	8.09	45 1-	2 ACSR 6/1	0	0	0	0	144	9	6	0.00	3.39	0
15590009+	15590005	8.32	44 1-	2 ACSR 6/1	0	0	0	0	137	9	5	0.03	3.43	3
15590010+	15590009	8.43	43 1-	2 ACSR 6/1	0	0	0	0	130	8	5	0.01	3.44	2
15590008+	15590010	8.70	42 1-	2 ACSR 6/1	0	0	0	0	123	8	5	0.04	3.48	3
20851371+	15590008	8.77	41 1-	2 ACSR 6/1	0	0	0	0	118	8	5	0.01	3.48	0
20851372+	20851371	8.89	41 1-	2 ACSR 6/1	0	0	0	0	118	8	5	0.01	3.50	1
20851573+	20851372	8.97	40 1-	2 ACSR 6/1	0	0	0	0	116	7	4	0.01	3.51	0
20851575+	20851573	9.34	39 1-	2 ACSR 6/1	0	0	0	0	115	7	4	0.05	3.55	4
20851611+	20851575	9.39	32 1-	2 ACSR 6/1	0	0	0	0	105	7	4	0.01	3.56	0
20851612+	20851611	9.46	32 1-	2 ACSR 6/1	0	0	0	0	105	7	4	0.01	3.57	0
20851614+	20851612	9.60	29 1-	2 ACSR 6/1	0	0	0	0	96	6	4	0.01	3.58	1
20851615+	20851614	9.64	28 1-	2 ACSR 6/1	0	0	0	0	94	6	4	0.00	3.58	0
20851616+	20851615	9.77	28 1-	2 ACSR 6/1	0	0	0	0	94	6	4	0.01	3.60	0
D15-49-P021+	20851616	9.77	28 1-	REC-25-E	0	0	0	0	94	6	26	0.00	3.60	0
15490012+	D15-49-P021	9.88	28 1-	2 ACSR 6/1	0	0	0	0	94	6	4	0.01	3.61	0
20851617+	15490012	10.00	28 1-	2 ACSR 6/1	0	0	0	0	94	6	4	0.01	3.62	0
20850418+	20851617	10.28	27 1-	2 ACSR 6/1	0	0	0	0	93	6	4	0.03	3.65	2
20850419+	20850418	10.50	24 1-	2 ACSR 6/1	0	0	0	0	87	5	3	0.02	3.67	1
16420008+	20850419	10.60	24 1-	2 ACSR 6/1	0	0	0	0	87	5	3	0.01	3.68	0
16420009+	16420008	10.87	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.68	0
20850377+	16420008	10.81	24 1-	2 ACSR 6/1	0	0	0	0	87	5	3	0.02	3.69	1
20850443+	20850377	10.87	23 1-	2 ACSR 6/1	0	0	0	0	84	5	3	0.00	3.70	0
20850444+	20850443	10.93	21 1-	2 ACSR 6/1	0	0	0	0	73	4	3	0.00	3.70	0
20851999+	20850444	11.15	5 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.70	0
20852000+	20851999	11.24	4 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.71	0
20852186+	20852000	11.48	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.71	0
20852187+	20852186	11.62	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.71	0
16520011+	20850444	11.01	16 1-	2 ACSR 6/1	0	0	0	0	66	4	3	0.01	3.71	0
16520012+	16520011	11.05	15 1-	2 ACSR 6/1	0	0	0	0	64	4	2	0.00	3.71	0
16520021+	16520012	11.10	10 1-	2 ACSR 6/1	0	0	0	0	36	2	1	0.00	3.71	0
16520022+	16520021	11.17	9 1-	2 ACSR 6/1	0	0	0	0	33	2	1	0.00	3.72	0
16520023+	16520022	11.20	8 1-	2 ACSR 6/1	0	0	0	0	30	2	1	0.00	3.72	0
16520024+	16520023	11.40	3 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.72	0
16520025+	16520024	11.81	2 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.01	3.73	0
20850442+	16520025	11.84	1 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	3.73	0
16520009+	16520023	11.49	5 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.72	0
16520026+	16520009	11.52	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.72	0
16520015+	16520009	11.52	4 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	3.72	0
16520029+	16520015	11.84	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.72	0
16520030+	16520029	11.85	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.72	0
16-52-P032-B+	16520030	11.85	0 1-	Open	0	0	0	0	0	0	0	0.00	3.72	0
16520028+	16520015	11.58	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.72	0
16520016+	16520015	11.61	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.72	0
16520027+	16520016	11.67	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.72	0
16520010+	16520016	11.65	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.72	0
16520013+	16520010	11.71	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.72	0
16520014+	16520013	11.91	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.72	0
16520017+	16520010	11.71	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.72	0
16520018+	16520012	11.08	5 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	3.71	0
16520019+	16520018	11.10	4 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	3.71	0
16520020+	16520019	11.19	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	3.71	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16420010+	16520020	11.26	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.71	0
20850441+	16520020	11.28	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.71	0
16420007+	20850419	10.75	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.67	0
20850376+	20850418	10.77	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.65	0
20850375+	20850418	10.34	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.65	0
15490011+	15490012	9.97	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.61	0
15490015+	15490012	10.15	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.61	0
15490016+	15490015	10.84	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.61	0
20851613+	20851612	9.51	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.57	0
20851574+	20851575	9.97	6 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.01	3.56	0
20850771+	20851574	10.07	4 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.56	0
20850572+	20850771	10.13	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.56	0
20851370+	15590008	8.80	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.48	0
15590007+	15590005	8.18	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.39	0
15590017+	15590006	7.85	5 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	3.34	0
15590018+	15590017	7.90	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.34	0
15590019+	15590018	7.92	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.34	0
15590015+	15690039	7.74	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.31	0
20851795+	15690022	7.58	1 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.28	0
20851751+	20851521	4.30	3 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.45	0
20851922+	20851751	4.34	3 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.45	0
16720064+	16720031	4.07	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.35	0
20851337+	20851921	4.07	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.34	0
16830034+	16830019	3.42	391 3-	1/0 ACSR 6/1	0	0	0	0	1790	40	18	0.01	1.73	27
16830024+	16830034	3.68	391 3-	1/0 ACSR 6/1	0	0	0	0	1789	40	18	0.06	1.81	126
16830023+	16830024	3.81	387 3-	1/0 ACSR 6/1	0	0	0	0	1780	40	18	0.03	1.86	67
16830031+	16830023	3.89	19 3-	2 ACSR 6/1	0	0	0	0	222	5	3	0.01	1.87	1
16830032+	16830031	3.96	19 3-	2 ACSR 6/1	0	0	0	0	222	5	3	0.01	1.87	0
D16-83-P060+	16830032	3.96	19 3-	REC-35-E	0	0	0	0	222	5	15	0.00	1.87	0
16830016+	D16-83-P060	4.33	19 3-	2 ACSR 6/1	0	0	0	0	222	5	3	0.03	1.90	5
16830028+	16830016	4.62	17 3-	2 ACSR 6/1	0	0	0	0	219	5	3	0.02	1.92	4
16840033+	16830028	4.78	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.24	0
16840031+	16830028	4.74	15 3-	2 ACSR 6/1	0	0	0	0	217	5	3	0.01	1.93	2
16840026+	16840031	4.80	14 3-	2 ACSR 6/1	0	0	0	0	215	5	3	0.00	1.93	0
16840028+	16840026	4.87	13 3-	2 ACSR 6/1	0	0	0	0	129	3	2	0.00	1.93	0
16840029+	16840028	5.00	12 3-	2 ACSR 6/1	0	0	0	0	125	2	2	0.01	1.94	0
D16-84-P012+	16840029	5.00	6 1-	FUS	0	0	0	0	31	2	47	0.00	1.94	0
16840025+	D16-84-P012	5.10	6 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	1.94	0
20851929+	16840025	5.17	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.94	0
20851930+	16840025	5.27	4 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	1.94	0
20852107+	20851930	5.32	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.94	0
16840037+	20852107	5.45	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.94	0
20851924+	20851930	5.33	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.94	0
16840032+	16840029	5.06	3 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.26	0
16840038+	16840032	5.13	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.26	0
16840030+	16840029	5.06	2 3-	2 ACSR 6/1	0	0	0	0	87	2	1	0.00	1.94	0
D16-84-P047+	16840030	5.06	1 3-	FUS	0	0	0	0	2	0	1	0.00	1.94	0
20851925+	D16-84-P047	5.29	1 3-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.94	0
20852118+	20851925	5.54	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.94	0
16840036+	20852118	5.59	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.94	0
16840035+	20852118	5.61	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.94	0
20851927+	16840035	5.69	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.94	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851926+	20851925	5.33	0 3-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.94	0
16840015+	16840026	4.91	1 3-	2 ACSR 6/1	0	0	0	0	87	2	1	0.00	1.93	0
16840039+	16840015	5.22	1 3-	2 ACSR 6/1	0	0	0	0	87	2	1	0.00	1.94	0
16840040+	16840039	5.30	0 3-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.94	0
16840041+	16840015	5.01	0 3-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.93	0
16840042+	16840041	5.06	0 3-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.93	0
16840027+	16840042	5.07	0 3-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.93	0
16830027+	16830016	4.42	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.22	0
20851995+	16830027	4.61	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.22	0
20851808+	16830027	4.95	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.22	0
16830025+	16830023	3.95	368 3-	1/0 ACSR 6/1	0	0	0	0	1557	35	15	0.03	1.90	52
20851806+	16830025	4.00	366 3-	1/0 ACSR 6/1	0	0	0	0	1555	35	15	0.01	1.92	22
20851805+	20851806	4.06	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.22	0
20851807+	20851806	4.11	364 3-	1/0 ACSR 6/1	0	0	0	0	1547	35	15	0.02	1.95	41
20851673+	20851807	4.30	362 3-	1/0 ACSR 6/1	0	0	0	0	1541	35	15	0.04	2.01	69
20851674+	20851673	4.43	362 3-	1/0 ACSR 6/1	0	0	0	0	1541	35	15	0.03	2.05	51
20851675+	20851674	4.49	361 3-	1/0 ACSR 6/1	0	0	0	0	1533	34	15	0.01	2.06	20
20851676+	20851675	4.63	359 3-	1/0 ACSR 6/1	0	0	0	0	1529	34	15	0.03	2.11	52
20851677+	20851676	4.69	359 3-	1/0 ACSR 6/1	0	0	0	0	1528	34	15	0.01	2.13	23
D16-73-P021+	20851677	4.69	1 1-	FUS-30	0	0	0	0	7	0	2	0.00	1.80	0
16730012+	D16-73-P021	4.77	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.80	0
16730004+	20851677	4.73	358 3-	1/0 ACSR 6/1	0	0	0	0	1521	34	15	0.01	2.14	15
20852055+	16730004	4.89	356 3-	1/0 ACSR 6/1	0	0	0	0	1507	34	15	0.03	2.18	56
20852056+	20852055	5.18	354 3-	1/0 ACSR 6/1	0	0	0	0	1495	34	15	0.05	2.27	104
D16-74-P005+	20852056	5.18	4 1-	FUS	0	0	0	0	24	1	37	0.00	1.93	0
16740009+	D16-74-P005	5.25	4 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	1.93	0
20852057+	16740009	5.30	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.93	0
16740005+	16740009	5.33	4 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	1.93	0
20850046+	16740005	5.36	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	1.93	0
20850026+	20850046	5.43	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.93	0
20852058+	16740005	5.49	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.93	0
16740010+	20852058	5.58	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.93	0
16740007+	20852056	5.23	350 3-	1/0 ACSR 6/1	0	0	0	0	1470	33	15	0.01	2.28	18
16-74-P040-B+	16740007	5.23	350 3-	Closed	0	0	0	0	1469	33	0	0.00	2.28	0
16-74-P040-A+	16-74-P040-B	5.23	350 3-	Closed	0	0	0	0	1469	33	0	0.00	2.28	0
16740006+	16-74-P040-A	5.63	350 3-	1/0 ACSR 6/1	0	0	0	0	1469	33	15	0.08	2.40	138
20852024+	16740006	5.81	349 3-	1/0 ACSR 6/1	0	0	0	0	1466	33	15	0.03	2.45	62
D16-64-P011+	20852024	5.81	4 1-	FUS-30	0	0	0	0	14	0	3	0.00	2.08	0
16640040+	D16-64-P011	5.83	4 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	2.08	0
20852026+	16640040	5.86	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	2.08	0
20851978+	20852026	5.97	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.08	0
20852027+	20852026	5.91	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.08	0
20852028+	20852027	5.95	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.08	0
20851979+	20852024	5.89	344 3-	1/0 ACSR 6/1	0	0	0	0	1448	33	14	0.02	2.47	26
20851980+	20851979	5.97	344 3-	1/0 ACSR 6/1	0	0	0	0	1447	33	14	0.02	2.49	26
20851959+	20851980	6.00	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.60	0
16640027+	20851980	6.05	343 3-	1/0 ACSR 6/1	0	0	0	0	1445	33	14	0.02	2.51	27
20852064+	16640027	6.09	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.62	0
16640028+	16640027	6.13	342 3-	1/0 ACSR 6/1	0	0	0	0	1442	32	14	0.02	2.54	30
D16-64-P018+	16640028	6.13	2 1-	FUS	0	0	0	0	10	0	15	0.00	2.64	0
16640029+	D16-64-P018	6.54	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	2.64	0
20850956+	16640029	6.71	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.64	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850027+	16640029	6.61	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.64	0
16640042+	16640028	6.17	340 3-	1/0 ACSR 6/1	0	0	0	0	1432	32	14	0.01	2.55	11
16640043+	16640042	6.20	339 3-	1/0 ACSR 6/1	0	0	0	0	1428	32	14	0.01	2.56	12
20850957+	16640043	6.28	337 3-	1/0 ACSR 6/1	0	0	0	0	1426	32	14	0.01	2.58	26
D16-64-P024+	20850957	6.28	0 1-	FUS-20	0	0	0	0	0	0	0	0.00	2.66	0
16640038+	D16-64-P024	6.45	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.66	0
16640041+	16640038	6.50	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.66	0
20850959+	20850957	6.39	335 3-	1/0 ACSR 6/1	0	0	0	0	1418	32	14	0.02	2.61	34
20850960+	20850959	6.48	257 3-	1/0 ACSR 6/1	0	0	0	0	998	22	10	0.00	2.63	17
20851569+	20850960	6.57	255 3-	1/0 ACSR 6/1	0	0	0	0	990	22	10	0.00	2.64	17
20851570+	20851569	6.61	254 3-	1/0 ACSR 6/1	0	0	0	0	988	22	10	0.00	2.65	8
D16-64-P077+	20851570	6.61	252 3-	REC-70-E	0	0	0	0	974	22	32	0.00	2.65	0
16640031+	D16-64-P077	6.63	252 3-	1/0 ACSR 6/1	0	0	0	0	974	22	10	0.00	2.66	4
D16-64-P078+	16640031	6.63	11 1-	FUS-30	0	0	0	0	56	3	14	0.00	2.69	0
16640039+	D16-64-P078	6.68	11 1-	2 ACSR 6/1	0	0	0	0	56	3	2	0.00	2.69	0
20851581+	16640039	6.74	9 1-	2 ACSR 6/1	0	0	0	0	49	3	2	0.00	2.69	0
16640036+	20851581	6.79	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.69	0
16640037+	16640036	6.82	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.69	0
20851583+	20851581	6.77	6 1-	2 ACSR 6/1	0	0	0	0	30	2	1	0.00	2.70	0
20851579+	20851583	6.81	5 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	2.70	0
20851580+	20851579	6.86	4 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	2.70	0
16540039+	20851580	6.94	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	2.70	0
16540064+	16540039	6.98	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.70	0
20851582+	20851581	6.76	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.69	0
16640026+	16640031	7.10	241 3-	1/0 ACSR 6/1	0	0	0	0	918	20	9	-0.01	2.74	87
D16-54-P015+	16640026	7.10	77 1-	REC-50-E	0	0	0	0	302	20	41	0.00	3.19	0
16540024+	D16-54-P015	7.24	77 1-	2 ACSR 6/1	0	0	0	0	302	20	11	0.04	3.24	11
16540068+	16540024	7.31	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.24	0
16540067+	16540024	7.30	76 1-	2 ACSR 6/1	0	0	0	0	297	20	11	0.02	3.26	5
16540026+	16540067	7.37	74 1-	2 ACSR 6/1	0	0	0	0	293	20	11	0.02	3.28	5
16540027+	16540026	7.44	74 1-	2 ACSR 6/1	0	0	0	0	293	20	11	0.02	3.30	5
16540028+	16540027	7.49	2 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	3.30	0
16540031+	16540027	7.49	72 1-	2 ACSR 6/1	0	0	0	0	280	19	11	0.02	3.31	4
16540032+	16540031	7.58	71 1-	2 ACSR 6/1	0	0	0	0	278	19	11	0.02	3.34	5
16540061+	16540032	7.65	69 1-	2 ACSR 6/1	0	0	0	0	265	18	10	0.02	3.36	4
16540062+	16540061	7.76	67 1-	2 ACSR 6/1	0	0	0	0	262	17	10	0.03	3.39	6
16540033+	16540062	7.86	63 1-	2 ACSR 6/1	0	0	0	0	249	17	9	0.03	3.41	5
16540034+	16540033	7.94	62 1-	2 ACSR 6/1	0	0	0	0	247	16	9	0.02	3.43	4
16540035+	16540034	8.05	61 1-	2 ACSR 6/1	0	0	0	0	244	16	9	0.03	3.46	5
16540044+	16540035	8.11	4 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	3.46	0
20852098+	16540044	8.15	3 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.46	0
16640046+	20852098	8.20	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.46	0
16640045+	20852098	8.18	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.46	0
16540037+	16540035	8.11	51 1-	2 ACSR 6/1	0	0	0	0	196	13	7	0.01	3.47	2
16540038+	16540037	8.17	49 1-	2 ACSR 6/1	0	0	0	0	184	12	7	0.01	3.48	2
16540023+	16540038	8.20	47 1-	2 ACSR 6/1	0	0	0	0	166	11	6	0.01	3.49	0
16530043+	16540023	8.25	41 1-	2 ACSR 6/1	0	0	0	0	143	9	5	0.01	3.50	0
16530033+	16530043	8.28	40 1-	2 ACSR 6/1	0	0	0	0	140	9	5	0.00	3.50	0
16530031+	16530033	8.53	39 1-	2 ACSR 6/1	0	0	0	0	131	8	5	0.03	3.53	4
D16-53-P018+	16530031	8.53	3 1-	FUS-20	0	0	0	0	10	0	4	0.00	3.53	0
16530051+	D16-53-P018	8.70	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.54	0
20851180+	16530051	9.09	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.54	0

Title: CUMBERLAND VALLEY ELECTRIC COOPERATIVE - KENTUCKY 57 BELL - GRAY, KENTUCKY
Case: 2007 - 2010 CONSTRUCTION WORK PLAN - EXISTING SYSTEM WITH PROPOSED WINTER 2010/11 LOADS
Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851179+	16530051	8.88	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.54	0
16530032+	16530031	8.72	36 1-	2 ACSR 6/1	0	0	0	0	121	8	5	0.02	3.56	2
16530054+	16530032	8.75	35 1-	2 ACSR 6/1	0	0	0	0	119	8	5	0.00	3.56	0
D16-53-P078+	16530054	8.75	33 1-	REC-25-E	0	0	0	0	114	7	31	0.00	3.56	0
16530053+	D16-53-P078	8.84	33 1-	2 ACSR 6/1	0	0	0	0	114	7	4	0.01	3.57	0
16530022+	16530053	8.89	32 1-	2 ACSR 6/1	0	0	0	0	106	7	4	0.00	3.58	0
16530023+	16530022	9.03	31 1-	2 ACSR 6/1	0	0	0	0	105	7	4	0.02	3.59	1
16530024+	16530023	9.09	4 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.59	0
16530025+	16530024	9.17	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.59	0
16530027+	16530025	9.39	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.59	0
16530028+	16530027	9.46	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.59	0
16530026+	16530025	9.22	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.59	0
16530018+	16530023	9.11	27 1-	2 ACSR 6/1	0	0	0	0	89	6	3	0.01	3.60	0
16530019+	16530018	9.14	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.60	0
16530041+	16530019	9.19	2 1-	25 KV 1/0 URD X	0	0	0	0	4	0	0	0.00	3.60	0
16530042+	16530041	9.26	2 1-	25 KV 1/0 URD X	0	0	0	0	4	0	0	0.00	3.60	0
16530036+	16530042	9.35	1 1-	25 KV 1/0 URD X	0	0	0	0	1	0	0	0.00	3.60	0
16530020+	16530018	9.56	25 1-	2 ACSR 6/1	0	0	0	0	85	5	3	0.04	3.64	3
16530030+	16530020	9.63	19 1-	2 ACSR 6/1	0	0	0	0	65	4	3	0.00	3.64	0
16530035+	16530030	9.72	14 1-	2 ACSR 6/1	0	0	0	0	56	3	2	0.00	3.65	0
16530039+	16530035	9.77	9 1-	2 ACSR 6/1	0	0	0	0	42	2	2	0.00	3.65	0
16530055+	16530039	9.81	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.65	0
16530057+	16530055	9.85	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.65	0
16530056+	16530055	9.89	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.65	0
16530040+	16530039	9.79	7 1-	2 ACSR 6/1	0	0	0	0	38	2	1	0.00	3.65	0
16530044+	16530040	9.91	6 1-	2 ACSR 6/1	0	0	0	0	37	2	1	0.00	3.65	0
16540047+	16530044	10.04	5 1-	2 ACSR 6/1	0	0	0	0	37	2	1	0.00	3.66	0
16540048+	16540047	10.10	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	3.66	0
16540049+	16540047	10.08	2 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	3.66	0
16540045+	16540049	10.14	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.66	0
16530034+	16530035	10.04	4 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.65	0
20850680+	16530034	10.10	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.65	0
20850681+	20850680	10.33	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.65	0
16530021+	16530020	9.68	6 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	3.64	0
16530029+	16530021	9.77	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.64	0
20850674+	16530021	9.83	6 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	3.64	0
16430007+	20850674	10.11	5 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.65	0
16430008+	16430007	10.17	4 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.65	0
20850676+	16430008	10.32	4 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.65	0
20850677+	20850676	10.46	3 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.65	0
20850679+	20850677	10.52	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.65	0
20850678+	20850677	10.51	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.65	0
20850675+	16430008	10.36	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.65	0
16530052+	16530054	8.84	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.56	0
16530037+	16540023	8.31	3 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	3.49	0
16530038+	16530037	8.35	2 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.49	0
16530045+	16540023	8.23	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.49	0
16540065+	16530045	8.29	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.49	0
16540046+	16540038	8.21	2 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	3.48	0
16540060+	16540046	8.25	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.48	0
16540036+	16540035	8.17	4 1-	2 ACSR 6/1	0	0	0	0	30	2	1	0.00	3.46	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
16540042+	16540041	8.35	2 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	3.47	0
16540043+	16540042	8.42	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.47	0
16540040+	16540036	8.21	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.46	0
16540063+	16540062	7.80	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.39	0
16540025+	16540067	7.40	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.26	0
16540029+	16640026	7.14	164 3-	1/0 ACSR 6/1	0	0	0	0	616	14	6	0.00	2.74	4
16540030+	16540029	7.17	164 3-	1/0 ACSR 6/1	0	0	0	0	616	14	6	0.00	2.75	3
16540056+	16540030	7.21	161 3-	1/0 ACSR 6/1	0	0	0	0	602	13	6	0.00	2.75	4
16540057+	16540056	7.24	154 3-	1/0 ACSR 6/1	0	0	0	0	567	12	6	0.00	2.75	2
16540055+	16540057	7.33	153 3-	1/0 ACSR 6/1	0	0	0	0	566	12	6	-0.01	2.76	9
16540053+	16540055	7.41	150 3-	1/0 ACSR 6/1	0	0	0	0	560	12	6	-0.01	2.77	8
16540054+	16540053	7.58	149 3-	1/0 ACSR 6/1	0	0	0	0	557	12	6	-0.02	2.79	16
16-55-P025-B+	16540054	7.58	149 3-	Closed	0	0	0	0	557	12	0	0.00	2.79	0
16-55-P025-A+	16-55-P025-B	7.58	149 3-	Closed	0	0	0	0	557	12	0	0.00	2.79	0
16550018+	16-55-P025-A	7.71	149 3-	1/0 ACSR 6/1	0	0	0	0	557	12	6	-0.01	2.81	12
16550019+	16550018	7.99	149 3-	1/0 ACSR 6/1	0	0	0	0	557	12	6	-0.03	2.84	26
16550011+	16550019	8.09	11 1-	2 ACSR 6/1	0	0	0	0	32	2	1	0.00	3.34	0
D16-55-P006+	16550011	8.09	10 1-	REC-25-E	0	0	0	0	29	1	8	0.00	3.34	0
16550008+	D16-55-P006	8.22	10 1-	2 ACSR 6/1	0	0	0	0	29	1	1	0.00	3.35	0
16550013+	16550008	8.29	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.35	0
16550009+	16550008	8.35	8 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	3.35	0
16550017+	16550009	8.59	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.35	0
16550007+	16550009	8.47	7 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	3.35	0
20850244+	16550007	8.55	4 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.35	0
20850245+	20850244	8.72	3 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.35	0
16550021+	20850245	8.77	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.35	0
16550020+	20850245	8.81	3 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.35	0
20850253+	16550020	9.17	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.35	0
20850254+	20850253	9.36	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.35	0
16550014+	16550007	8.77	3 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	3.36	0
16550016+	16550014	8.85	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.36	0
16550015+	16550014	8.80	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.36	0
16550006+	16550009	8.71	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.35	0
D16-55-P006A+	16550011	8.09	1 1-	REC-25-E	0	0	0	0	3	0	1	0.00	3.34	0
16550012+	D16-55-P006A	8.17	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.34	0
16550010+	16550019	8.23	138 3-	1/0 ACSR 6/1	0	0	0	0	525	11	5	-0.02	2.86	22
20851231+	16550010	8.33	137 3-	1/0 ACSR 6/1	0	0	0	0	524	11	5	-0.01	2.87	9
20851232+	20851231	8.53	136 3-	1/0 ACSR 6/1	0	0	0	0	521	11	5	-0.02	2.89	18
D16-45-P044+	20851232	8.53	1 1-	FUS-25	0	0	0	0	11	0	3	0.00	2.70	0
16451416+	D16-45-P044	8.71	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	2.70	0
20851233+	20851232	8.60	135 3-	1/0 ACSR 6/1	0	0	0	0	509	11	5	-0.01	2.90	6
20851234+	20851233	8.68	134 3-	1/0 ACSR 6/1	0	0	0	0	501	11	5	-0.01	2.90	7
16451418+	20851234	8.77	9 3-	1/0 ACSR 6/1	0	0	0	0	27	0	0	0.00	2.90	0
16451419+	16451418	8.89	9 3-	1/0 ACSR 6/1	0	0	0	0	27	0	0	0.00	2.91	0
20851235+	16451419	8.94	7 3-	1/0 ACSR 6/1	0	0	0	0	24	0	0	0.00	2.91	0
20851236+	20851235	9.11	5 3-	1/0 ACSR 6/1	0	0	0	0	16	0	0	0.00	2.91	0
20852161+	20851236	9.24	5 3-	1/0 ACSR 6/1	0	0	0	0	16	0	0	0.00	2.91	0
20852162+	20852161	9.82	3 3-	1/0 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.91	0
16360045+	20852162	10.00	2 3-	1/0 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.91	0
16360024+	16360045	10.14	2 3-	1/0 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.91	0
16360025+	16360024	10.24	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.91	0
16360043+	16360024	10.24	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16360046+	16360045	10.08	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.74	0
16460006+	20851236	9.30	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.74	0
16451407+	20851234	8.78	125 3-	1/0 ACSR 6/1	0	0	0	0	473	10	5	-0.01	2.91	8
16-45-P073-B+	16451407	8.78	125 3-	Closed	0	0	0	0	473	10	0	0.00	2.91	0
16-45-P073-A+	16-45-P073-B	8.78	125 3-	Closed	0	0	0	0	473	10	0	0.00	2.91	0
16451408+	16-45-P073-A	9.34	125 3-	1/0 ACSR 6/1	0	0	0	0	473	10	5	-0.05	2.97	46
20851301+	16451408	9.37	99 3-	1/0 ACSR 6/1	0	0	0	0	385	8	4	0.00	2.97	2
D16-45-P010+	20851301	9.37	35 1-	REC-35-E	0	0	0	0	151	10	30	0.00	2.92	0
16451420+	D16-45-P010	9.62	35 1-	2 ACSR 6/1	0	0	0	0	151	10	6	0.04	2.96	5
16350007+	16451420	9.93	35 1-	2 ACSR 6/1	0	0	0	0	151	10	6	0.05	3.01	6
163500043+	16350074	10.09	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.01	0
163500042+	16350074	10.08	33 1-	2 ACSR 6/1	0	0	0	0	145	10	6	0.02	3.04	3
163500072+	16350042	10.14	4 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	3.04	0
163500073+	16350072	10.20	3 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	3.04	0
163500044+	16350073	10.32	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.04	0
163500061+	16350073	10.29	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.04	0
163500069+	16350042	10.18	29 1-	2 ACSR 6/1	0	0	0	0	131	9	5	0.01	3.05	1
163500071+	16350069	10.26	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.05	0
163500070+	16350069	10.28	28 1-	2 ACSR 6/1	0	0	0	0	131	9	5	0.01	3.07	1
163500026+	16350070	10.37	23 1-	2 ACSR 6/1	0	0	0	0	113	7	4	0.01	3.08	0
163500051+	16350026	10.47	22 1-	2 ACSR 6/1	0	0	0	0	110	7	4	0.01	3.09	0
163500036+	16350051	10.53	21 1-	2 ACSR 6/1	0	0	0	0	67	4	3	0.00	3.09	0
20850241+	16350036	10.60	20 1-	2 ACSR 6/1	0	0	0	0	54	3	2	0.00	3.10	0
208501129+	20850241	10.86	19 1-	2 ACSR 6/1	0	0	0	0	52	3	2	0.01	3.11	0
20850338+	20850129	10.95	18 1-	2 ACSR 6/1	0	0	0	0	50	3	2	0.00	3.11	0
20850339+	20850338	11.03	16 1-	2 ACSR 6/1	0	0	0	0	42	2	2	0.00	3.12	0
20850340+	20850339	11.04	15 1-	2 ACSR 6/1	0	0	0	0	38	2	1	0.00	3.12	0
20850341+	20850340	11.12	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.12	0
20850342+	20850340	11.12	13 1-	2 ACSR 6/1	0	0	0	0	34	2	1	0.00	3.12	0
20850343+	20850342	11.16	12 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	3.12	0
20850513+	20850343	11.25	11 1-	2 ACSR 6/1	0	0	0	0	30	2	1	0.00	3.12	0
20850514+	20850513	11.33	10 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	3.13	0
20850346+	20850514	11.40	7 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	3.13	0
20852061+	20850346	11.48	6 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.13	0
D16-15-P027+	20852061	11.48	1 1-	FUS-60	0	0	0	0	2	0	0	0.00	3.13	0
161500006+	D16-15-P027	11.51	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.13	0
161500010+	16150006	11.62	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.13	0
161500005+	16150006	11.58	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.13	0
D16-15-P027A+	20852061	11.48	5 1-	FUS-60	0	0	0	0	12	0	1	0.00	3.13	0
161500007+	D16-15-P027A	11.63	5 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	3.13	0
161500008+	16150007	11.73	4 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.13	0
161500009+	16150008	11.79	3 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.13	0
20850207+	16150009	11.93	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.13	0
20850206+	16150009	11.82	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.13	0
20850344+	20850514	11.36	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.13	0
20850345+	20850344	11.42	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.13	0
20850240+	16350036	10.58	1 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	3.09	0
163500050+	16350026	10.44	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.08	0
163500045+	16350070	10.47	5 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	3.07	0
163500046+	16350045	10.55	4 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	3.07	0
163500048+	16350046	10.58	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.07	0
163500049+	16350048	10.63	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.07	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16350047+	16350046	10.60	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.07	0
20851302+	20851301	9.40	59 1-	2 ACSR 6/1	0	0	0	0	227	15	9	0.01	2.93	0
20851238+	20851302	9.53	58 1-	2 ACSR 6/1	0	0	0	0	224	15	9	0.03	2.96	5
20851424+	20851238	9.57	53 1-	2 ACSR 6/1	0	0	0	0	217	14	8	0.01	2.97	2
D16-45-P054+	20851424	9.57	53 1-	RCC-25-E	0	0	0	0	217	14	59	0.00	2.97	0
20851425+	D16-45-P054	9.82	53 1-	2 ACSR 6/1	0	0	0	0	217	14	8	0.05	3.02	9
20851426+	20851425	9.88	52 1-	2 ACSR 6/1	0	0	0	0	215	14	8	0.01	3.04	2
16451406+	20851426	9.97	45 1-	2 ACSR 6/1	0	0	0	0	184	12	7	0.02	3.05	2
16350038+	16451406	10.09	44 1-	2 ACSR 6/1	0	0	0	0	177	12	7	0.02	3.08	3
16350039+	16350038	10.18	43 1-	2 ACSR 6/1	0	0	0	0	176	12	7	0.02	3.09	2
16350041+	16350039	10.26	3 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	3.09	0
16350062+	16350041	10.30	2 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.09	0
16350063+	16350062	10.33	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.09	0
16350040+	16350039	10.28	38 1-	2 ACSR 6/1	0	0	0	0	140	9	5	0.01	3.11	2
16350065+	16350040	10.36	16 1-	2 ACSR 6/1	0	0	0	0	60	4	2	0.00	3.11	0
16350068+	16350065	10.44	11 1-	2 ACSR 6/1	0	0	0	0	49	3	2	0.00	3.12	0
16350053+	16350068	10.49	7 1-	2 ACSR 6/1	0	0	0	0	29	1	1	0.00	3.12	0
16350054+	16350053	10.53	6 1-	2 ACSR 6/1	0	0	0	0	27	1	1	0.00	3.12	0
16350055+	16350054	10.58	5 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	3.12	0
16350057+	16350055	10.66	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.12	0
16350058+	16350057	10.78	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.12	0
16350052+	16350068	10.50	3 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	3.12	0
16350067+	16350065	10.42	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.11	0
16350066+	16350065	10.40	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.11	0
16350064+	16350040	10.32	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.11	0
16350059+	16350040	10.37	21 1-	2 ACSR 6/1	0	0	0	0	73	4	3	0.01	3.11	0
16350060+	16350059	10.50	20 1-	2 ACSR 6/1	0	0	0	0	72	4	3	0.01	3.12	0
16350027+	16350060	10.77	20 1-	2 ACSR 6/1	0	0	0	0	72	4	3	0.01	3.14	0
16340026+	16350027	10.67	18 1-	2 ACSR 6/1	0	0	0	0	62	4	2	0.01	3.14	0
16340059+	16340026	10.83	17 1-	2 ACSR 6/1	0	0	0	0	60	4	2	0.00	3.15	0
16340067+	16340059	11.03	16 1-	2 ACSR 6/1	0	0	0	0	60	4	2	0.01	3.16	0
D16-34-P073+	16340067	11.03	16 1-	RCC-25-E	0	0	0	0	60	4	16	0.00	3.16	0
16340068+	D16-34-P073	11.08	16 1-	2 ACSR 6/1	0	0	0	0	60	4	2	0.00	3.16	0
16340062+	16340068	11.14	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.16	0
16340048+	16340068	11.23	16 1-	2 ACSR 6/1	0	0	0	0	60	4	2	0.01	3.17	0
16340050+	16340048	11.56	14 1-	2 ACSR 6/1	0	0	0	0	52	3	2	0.02	3.19	0
16340054+	16340050	11.66	13 1-	2 ACSR 6/1	0	0	0	0	49	3	2	0.00	3.19	0
16340055+	16340054	11.79	10 1-	2 ACSR 6/1	0	0	0	0	42	2	2	0.01	3.20	0
16340056+	16340055	11.84	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.20	0
16340025+	16340055	11.87	9 1-	2 ACSR 6/1	0	0	0	0	36	2	1	0.00	3.20	0
16340065+	16340025	11.93	8 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.00	3.20	0
16340066+	16340065	11.97	7 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	3.21	0
16340043+	16340066	12.01	3 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	3.21	0
16340042+	16340043	12.03	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.21	0
16340044+	16340066	12.02	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	3.21	0
16340046+	16340044	12.05	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.21	0
16340047+	16340046	12.24	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.21	0
16340045+	16340044	12.07	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.21	0
16340052+	16340025	11.93	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.20	0
16340053+	16340054	11.78	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.19	0
16340061+	16340053	11.83	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.19	0
16340060+	16340050	11.60	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.19	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16340049+	16340048	11.37	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.17	0
16340024+	16340049	11.55	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.17	0
16340051+	16340049	11.43	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.17	0
16340058+	16340026	10.90	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.14	0
16340057+	16350027	10.72	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.14	0
16350056+	16350060	10.60	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.12	0
16350037+	16451406	10.02	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.05	0
16451413+	20851426	9.97	7 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	3.04	0
20850685+	16451413	10.10	6 1-	2 ACSR 6/1	0	0	0	0	29	1	1	0.00	3.04	0
20850686+	20850685	10.27	4 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	3.05	0
20850848+	20850686	10.42	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.05	0
20850647+	20850686	10.36	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	3.05	0
20850847+	20850647	10.41	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.05	0
20850645+	20850685	10.11	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.04	0
16-44-P005-A+	20850645	10.11	0 1-	Open	0	0	0	0	0	0	0	0.00	3.04	0
20850646+	16451413	10.03	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.04	0
20851240+	20851238	9.62	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.96	0
20851239+	20851238	9.56	4 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.96	0
20851237+	20851239	9.60	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.96	0
20851300+	20851301	9.46	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.92	0
16451410+	16451408	9.39	26 1-	2 ACSR 6/1	0	0	0	0	88	6	3	0.00	3.51	0
D16-45-P012+	16451410	9.39	26 1-	REC-35-E	0	0	0	0	88	6	17	0.00	3.51	0
16451409+	D16-45-P012	9.68	26 1-	2 ACSR 6/1	0	0	0	0	88	6	3	0.03	3.54	2
16451421+	16451409	9.72	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.54	0
16451422+	16451421	9.82	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.54	0
20851432+	16451409	9.75	18 1-	2 ACSR 6/1	0	0	0	0	62	4	2	0.00	3.55	0
20851433+	20851432	9.82	17 1-	2 ACSR 6/1	0	0	0	0	58	3	2	0.00	3.55	0
20851434+	20851433	9.88	16 1-	2 ACSR 6/1	0	0	0	0	54	3	2	0.00	3.55	0
20851435+	20851434	9.94	15 1-	2 ACSR 6/1	0	0	0	0	53	3	2	0.00	3.56	0
20851384+	20851435	10.06	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	3.56	0
20851408+	20851384	10.10	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	3.56	0
16451417+	20851408	10.14	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.56	0
20851409+	20851435	10.00	10 1-	2 ACSR 6/1	0	0	0	0	36	2	1	0.00	3.56	0
20851397+	20851409	10.04	8 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	3.56	0
20851595+	20851397	10.11	8 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	3.56	0
20851596+	20851595	10.18	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.56	0
16451412+	20851595	10.23	7 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	3.56	0
20850682+	16451412	10.31	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.56	0
20850683+	20850682	10.35	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.56	0
20850684+	20850683	10.40	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.56	0
16-44-P005-B+	20850684	10.40	0 1-	Open	0	0	0	0	0	0	0	0.00	3.56	0
20850850+	16451412	10.27	4 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.56	0
16451411+	20851595	10.24	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.56	0
20850849+	16451411	10.29	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.56	0
16440004+	16451411	10.42	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.56	0
20851427+	16451409	9.73	6 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	3.54	0
20851428+	20851427	9.77	4 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.54	0
20851431+	20851428	9.85	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.54	0
20851429+	20851428	9.84	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.54	0
20851430+	20851429	9.89	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.54	0
20851597+	16550010	8.28	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.63	0
16540058+	16540056	7.27	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	2.67	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16540059+	16540056	7.28	5 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	2.68	0
16540052+	16540059	7.35	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	2.68	0
16540050+	16540030	7.25	3 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	2.68	0
16540051+	16540050	7.29	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	2.68	0
20850961+	20850960	6.50	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.68	0
16640030+	20850959	6.53	72 3-	1/0 ACSR 6/1	0	0	0	0	410	9	4	0.02	2.62	4
D16-64-P149+	16640030	6.53	72 3-	REC-70-E	0	0	0	0	410	9	14	0.00	2.62	0
20851584+	D16-64-P149	6.56	72 3-	1/0 ACSR 6/1	0	0	0	0	410	9	4	0.00	2.62	0
20851571+	20851584	6.58	70 3-	1/0 ACSR 6/1	0	0	0	0	404	9	4	0.00	2.63	0
20851572+	20851571	6.61	69 3-	1/0 ACSR 6/1	0	0	0	0	387	9	4	0.00	2.63	0
20851643+	20851572	6.67	68 3-	1/0 ACSR 6/1	0	0	0	0	384	8	4	0.01	2.63	1
20851644+	20851643	6.71	67 3-	1/0 ACSR 6/1	0	0	0	0	383	8	4	0.00	2.64	0
20852275+	20851644	6.76	66 3-	1/0 ACSR 6/1	0	0	0	0	382	8	4	0.01	2.64	1
20852277+	20852275	6.83	6 3-	1/0 ACSR 6/1	0	0	0	0	14	0	0	0.00	2.64	0
20852278+	20852277	6.89	4 3-	1/0 ACSR 6/1	0	0	0	0	11	0	0	0.00	2.64	0
20852279+	20852278	6.98	2 3-	1/0 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.64	0
20852280+	20852279	7.06	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.73	0
16650011+	20852279	7.05	1 3-	1/0 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.64	0
16650026+	16650011	7.13	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.96	0
16650012+	16650011	7.11	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.64	0
20852274+	20852277	6.87	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.73	0
20852276+	20852275	6.82	59 3-	1/0 ACSR 6/1	0	0	0	0	364	8	4	0.01	2.65	1
16650018+	20852276	6.94	54 3-	1/0 ACSR 6/1	0	0	0	0	346	8	4	0.01	2.65	2
16650017+	16650018	7.00	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.24	0
16650016+	16650017	7.06	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.24	0
16650020+	16650018	7.15	52 3-	1/0 ACSR 6/1	0	0	0	0	343	8	3	0.02	2.67	4
16650024+	16650020	7.26	51 3-	1/0 ACSR 6/1	0	0	0	0	340	7	3	0.01	2.68	2
16650025+	16650024	7.30	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	2.26	0
16650023+	16650024	7.33	46 3-	1/0 ACSR 6/1	0	0	0	0	332	7	3	0.01	2.68	1
20852267+	16650023	7.37	45 3-	1/0 ACSR 6/1	0	0	0	0	331	7	3	0.00	2.68	0
20850947+	20852267	7.50	44 3-	1/0 ACSR 6/1	0	0	0	0	328	7	3	0.01	2.69	2
20850949+	20850947	7.55	42 3-	1/0 ACSR 6/1	0	0	0	0	321	7	3	0.01	2.70	0
20850951+	20850949	7.63	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.01	0
20850950+	20850949	7.68	40 3-	1/0 ACSR 6/1	0	0	0	0	319	7	3	0.01	2.71	2
20850314+	20850950	7.74	4 3-	1/0 ACSR 6/1	0	0	0	0	18	0	0	0.00	2.71	0
20850315+	20850314	7.76	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.71	0
16-75-P071-A+	20850315	7.76	0 3-	Open	0	0	0	0	0	0	0	0.00	2.71	0
20851267+	20850950	7.72	19 3-	2 ACSR 6/1	0	0	0	0	222	5	3	0.00	2.71	0
20851268+	20851267	7.78	18 3-	2 ACSR 6/1	0	0	0	0	221	5	3	0.00	2.71	0
D16-75-P011+	20851268	7.78	18 3-	REC-25-E	0	0	0	0	221	5	21	0.00	2.71	0
20850261+	D16-75-P011	7.83	18 3-	2 ACSR 6/1	0	0	0	0	221	5	3	0.00	2.72	0
20850262+	20850261	7.88	17 3-	2 ACSR 6/1	0	0	0	0	220	5	3	0.00	2.72	0
20852268+	20850262	8.01	16 3-	2 ACSR 6/1	0	0	0	0	219	5	3	0.01	2.73	2
20852269+	20852268	8.23	15 3-	2 ACSR 6/1	0	0	0	0	217	5	3	0.01	2.74	3
16650015+	20852269	8.43	15 3-	2 ACSR 6/1	0	0	0	0	217	5	3	0.01	2.76	3
20852270+	16650015	8.54	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.32	0
20852271+	20852270	8.96	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.32	0
16650013+	16650015	8.54	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.87	0
16650010+	16650015	8.53	12 3-	2 ACSR 6/1	0	0	0	0	211	5	3	0.01	2.76	1
20852272+	16650010	8.59	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.32	0
16650033+	16650010	8.65	10 3-	2 ACSR 6/1	0	0	0	0	208	4	3	0.01	2.77	1
16650034+	16650033	8.72	9 3-	2 ACSR 6/1	0	0	0	0	205	4	3	0.00	2.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16650031+	16650034	8.76	9 3-	2 ACSR 6/1	0	0	0	0	205	4	3	0.00	2.78	0
16650032+	16650031	8.81	8 3-	2 ACSR 6/1	0	0	0	0	203	4	3	0.00	2.78	0
20852273+	16650032	8.94	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.34	0
16650009+	16650032	8.94	7 3-	2 ACSR 6/1	0	0	0	0	201	4	3	0.01	2.79	1
16660003+	16650009	8.99	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.34	0
16660002+	16650009	9.34	6 3-	2 ACSR 6/1	0	0	0	0	198	4	3	0.03	2.82	4
20850246+	16660002	9.53	6 3-	2 ACSR 6/1	0	0	0	0	198	4	3	0.01	2.83	2
20850249+	20850246	9.64	3 3-	2 ACSR 6/1	0	0	0	0	179	4	2	0.01	2.84	0
20850250+	20850249	9.74	2 3-	2 ACSR 6/1	0	0	0	0	170	4	2	0.01	2.84	0
20850251+	20850250	9.88	2 3-	2 ACSR 6/1	0	0	0	0	170	4	2	0.01	2.85	1
16560001+	20850251	10.29	2 3-	2 ACSR 6/1	0	0	0	0	170	4	2	0.02	2.87	3
16570080+	16560001	10.29	2 3-	Consumer	0	0	0	0	170	4	0	0.00	2.87	0
16570002+	16560001	10.38	0 3-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.87	0
16570001+	16570002	10.59	0 3-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.87	0
20850252+	20850251	9.94	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.96	0
20850247+	20850246	9.68	2 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	3.18	0
20850248+	20850247	9.86	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.18	0
16650014+	20852269	8.34	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.86	0
20850975+	20850950	7.72	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.83	0
16750019+	20850950	7.75	16 1-	2 ACSR 6/1	0	0	0	0	75	5	3	0.01	2.83	0
D16-75-P093+	16750019	7.75	1 1-	FUS	0	0	0	0	2	0	3	0.00	2.83	0
20850976+	D16-75-P093	7.80	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.83	0
D16-75-P093A+	16750019	7.75	15 1-	FUS	0	0	0	0	73	4	113	0.00	2.83	0
20850977+	D16-75-P093A	8.03	15 1-	2 ACSR 6/1	0	0	0	0	73	4	3	0.02	2.85	1
20851266+	20850977	8.13	14 1-	2 ACSR 6/1	0	0	0	0	72	4	3	0.01	2.86	0
20850062+	20851266	8.20	10 1-	2 ACSR 6/1	0	0	0	0	60	4	2	0.00	2.87	0
20850064+	20850062	8.30	10 1-	2 ACSR 6/1	0	0	0	0	60	4	2	0.01	2.87	0
20850259+	20850064	8.47	3 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.87	0
20850260+	20850259	8.75	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.87	0
20851928+	20850260	8.89	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.87	0
20850065+	20850064	8.33	6 1-	2 ACSR 6/1	0	0	0	0	45	3	2	0.00	2.87	0
20850066+	20850065	8.36	3 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	2.87	0
20850067+	20850066	8.46	2 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	2.88	0
20850068+	20850067	8.53	1 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	2.88	0
20850063+	20850062	8.24	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.87	0
20850029+	20851266	8.16	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	2.86	0
20850028+	20851266	8.21	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.86	0
20850948+	20850947	7.53	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.81	0
16650022+	16650024	7.31	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.79	0
20852266+	16650022	7.36	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.79	0
16650021+	16650024	7.34	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.99	0
16650019+	16650018	7.17	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.24	0
20851645+	20852276	6.87	5 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	2.74	0
20852090+	20851645	6.93	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.74	0
20852091+	20852090	7.07	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.74	0
20851642+	20851572	6.70	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.23	0
20852065+	20851584	6.60	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.71	0
20852265+	20852065	6.67	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.71	0
20850958+	20850957	6.33	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.19	0
20852025+	20852024	5.85	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.57	0
20852022+	16740006	5.79	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.54	0
20852023+	20852022	5.86	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.54	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852054+	16730004	4.78	2 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	2.37	0
20851672+	20851807	4.17	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.65	0
D16-73-P026+	20851672	4.17	1 1-	FUS-30	0	0	0	0	3	0	1	0.00	1.65	0
16730011+	D16-73-P026	4.24	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.65	0
20851996+	16830025	4.00	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.60	0
16830026+	16830024	3.78	4 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.53	0
20851994+	16830026	3.95	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.53	0
20851993+	16830026	3.81	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.53	0
20851992+	16830026	3.85	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.53	0
20851776+	16830018	3.41	10 1-	2 ACSR 6/1	0	0	0	0	32	2	1	0.00	1.41	0
20851777+	20851776	3.59	8 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	1.42	0
20851800+	20851777	3.69	4 1-	2 ACSR 6/1	0	0	0	0	15	0	1	0.00	1.42	0
20851991+	20851800	3.80	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.42	0
20851778+	20851777	3.68	4 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	1.42	0
20851779+	20851778	3.72	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.42	0
16830017+	16830022	3.75	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.37	0
16830021+	16830020	3.13	4 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.28	0
20851799+	16830021	3.25	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.28	0
20851798+	16830021	3.22	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.28	0
20851752+	16930008	3.01	3 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.24	0
16930009+	16930018	2.84	5 3-	1/0 ACSR 6/1	0	0	0	0	11	0	0	0.00	1.40	0
16930019+	16930009	2.94	4 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.34	0
16930021+	16930019	3.01	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.34	0
16930016+	16930009	2.93	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.34	0
16920005+	16930016	2.94	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.34	0
16-92-P009-B+	16920005	2.94	0 1-	Closed	0	0	0	0	0	0	0	0.00	1.34	0
16-92-P009-A+	16-92-P009-B	2.94	0 1-	Closed	0	0	0	0	0	0	0	0.00	1.34	0
16920006+	16-92-P009-A	3.35	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.34	0
22030008+	22030007	2.25	1 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	1.03	0
22130016+	22130015	1.61	1 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.72	0
22120024+	22120023	0.48	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.18	0
22120041+	22120024	0.52	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	0.18	0
22120056+	22120041	0.68	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	0.18	0
22230034+	22230033	0.21	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	0.06	0
CKT 1 total losses:	\$5,839													
SUB 85, CKT 2														
BK8502+	CARPENTER (85)	0.00	1610 3-	BK8502	0	0	0	0	10696	239	100	0.00	0.00	0
22230027+	BK8502	0.01	1610 3-	336 ACSR 18/1	0	0	0	0	10696	239	45	0.01	0.01	55
22230072+	22230027	0.05	1610 3-	336 ACSR 18/1	0	0	0	0	10696	239	45	0.04	0.04	225
22230040+	22230072	0.12	1610 3-	336 ACSR 18/1	0	0	0	0	10694	239	45	0.07	0.09	361
D22-23-P015+	22230040	0.12	15 1-	FUS	0	0	0	0	79	5	121	0.00	0.12	0
22230060+	D22-23-P015	0.16	15 1-	2 ACSR 6/1	0	0	0	0	79	5	3	0.00	0.13	0
22230061+	22230060	0.25	13 1-	2 ACSR 6/1	0	0	0	0	74	4	3	0.01	0.13	0
22230055+	22230061	0.33	1 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	0.13	0
22230073+	22230055	0.42	1 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	0.14	0
22230030+	22230061	0.49	12 1-	2 ACSR 6/1	0	0	0	0	59	3	2	0.01	0.15	0
22230066+	22230030	0.59	8 1-	2 ACSR 6/1	0	0	0	0	30	1	1	0.00	0.15	0
22230067+	22230066	0.75	3 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	0.15	0
22230064+	22230066	0.65	5 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	0.15	0
22230065+	22230064	0.69	4 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	0.15	0
22230063+	22230065	0.77	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	0.15	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
22230062+	22230063	0.82	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.15	0
22230039+	22230030	0.64	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	0.15	0
22230042+	22230030	0.71	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	0.15	0
22130037+	22230042	0.80	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	0.15	0
22230028+	22230040	0.18	1595 3-	336 ACSR 18/1	0	0	0	0	10611	237	45	0.05	0.13	271
22230059+	22230028	0.24	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	0.14	0
22230058+	22230028	0.24	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	0.18	0
22230043+	22230028	0.29	1593 3-	336 ACSR 18/1	0	0	0	0	10592	237	45	0.11	0.22	595
22230054+	22230043	0.37	1591 3-	336 ACSR 18/1	0	0	0	0	10582	236	45	0.08	0.28	407
22230048+	22230054	0.47	1591 3-	336 ACSR 18/1	0	0	0	0	10578	236	45	0.10	0.35	515
22230049+	22230048	0.56	1590 3-	336 ACSR 18/1	0	0	0	0	10570	236	45	0.08	0.42	431
22230046+	22230049	0.61	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.55	0
22230051+	22230046	0.64	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.55	0
22230026+	22230049	0.67	1588 3-	336 ACSR 18/1	0	0	0	0	10561	236	45	0.11	0.50	600
22230069+	22230026	0.91	1587 3-	336 ACSR 18/1	0	0	0	0	10551	236	45	0.23	0.68	1216
22330021+	22230069	1.03	1585 3-	336 ACSR 18/1	0	0	0	0	10534	236	45	0.12	0.77	615
22330022+	22330021	1.09	1585 3-	336 ACSR 18/1	0	0	0	0	10528	236	45	0.06	0.81	316
22330024+	22330022	1.13	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.07	0
22330023+	22330022	1.16	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.85	0
22330012+	22330022	1.24	1582 3-	336 ACSR 18/1	0	0	0	0	10516	236	45	0.14	0.92	744
22330026+	22330012	1.28	3 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	0.96	0
22330027+	22330026	1.38	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.96	0
22330025+	22330026	1.34	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.96	0
22330011+	22330012	1.42	1579 3-	336 ACSR 18/1	0	0	0	0	10502	236	45	0.18	1.05	931
22330031+	22330011	1.59	1360 3-	336 ACSR 18/1	0	0	0	0	9424	213	40	0.16	1.17	696
22330036+	22330031	1.65	1360 3-	336 ACSR 18/1	0	0	0	0	9417	213	40	0.05	1.21	228
22330037+	22330036	1.73	1360 3-	336 ACSR 18/1	0	0	0	0	9415	213	40	0.08	1.26	344
22330039+	22330037	1.75	1360 3-	336 ACSR 18/1	0	0	0	0	9412	213	40	0.02	1.28	88
22330040+	22330039	1.85	1359 3-	336 ACSR 18/1	0	0	0	0	9405	213	40	0.10	1.35	427
D22-33-P037+	22330040	1.85	5 1-	FUS	0	0	0	0	25	1	38	0.00	1.40	0
22330041+	D22-33-P037	1.90	5 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	1.40	0
22330042+	22330041	1.96	3 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	1.40	0
22330038+	22330042	2.04	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	1.40	0
22330030+	22330040	1.94	1354 3-	336 ACSR 18/1	0	0	0	0	9376	212	40	0.08	1.41	347
22330017+	22330030	2.01	1353 3-	336 ACSR 18/1	0	0	0	0	9351	211	40	0.07	1.45	297
22330018+	22330017	2.03	1352 3-	336 ACSR 18/1	0	0	0	0	9343	211	40	0.02	1.47	85
22330043+	22330018	2.07	2 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	1.52	0
20851119+	22330043	2.12	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.52	0
22330019+	22330018	2.05	1350 3-	336 ACSR 18/1	0	0	0	0	9329	211	40	0.02	1.48	78
22330020+	22330019	2.09	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.97	0
20850936+	22330019	2.23	1348 3-	336 ACSR 18/1	0	0	0	0	9317	211	40	0.17	1.60	739
20851120+	20850936	2.26	1347 3-	336 ACSR 18/1	0	0	0	0	9300	211	40	0.03	1.62	122
20851121+	20851120	2.29	1344 3-	336 ACSR 18/1	0	0	0	0	9290	210	40	0.03	1.65	140
20851122+	20851121	2.34	1342 3-	336 ACSR 18/1	0	0	0	0	9274	210	40	0.05	1.68	199
22430039+	20851122	2.41	1339 3-	336 ACSR 18/1	0	0	0	0	9268	210	40	0.06	1.72	270
22430040+	22430039	2.43	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	1.09	0
22430022+	22430039	2.46	1336 3-	336 ACSR 18/1	0	0	0	0	9255	210	40	0.05	1.76	216
22430023+	22430022	2.49	1335 3-	336 ACSR 18/1	0	0	0	0	9244	209	40	0.03	1.78	118
D22-43-P026+	22430023	2.49	17 1-	FUS	0	0	0	0	55	3	85	0.00	1.12	0
22430046+	D22-43-P026	2.57	17 1-	2 ACSR 6/1	0	0	0	0	55	3	2	0.00	1.12	0
22430041+	22430046	2.63	15 1-	2 ACSR 6/1	0	0	0	0	44	2	2	0.00	1.13	0
22430024+	22430041	2.69	14 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.00	1.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22430026+	22430024	2.77	13 1-	2 ACSR 6/1	0	0	0	0	34	2	1	0.00	1.13	0
22430028+	22430026	2.82	2 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	1.13	0
22430027+	22430026	2.81	8 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	1.13	0
22430032+	22430027	2.88	6 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	1.13	0
22430017+	22430032	2.91	4 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	1.13	0
22430018+	22430017	2.96	3 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.13	0
22430019+	22430018	3.05	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.13	0
20850911+	22430019	3.16	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.13	0
20850910+	20850911	3.24	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	1.14	0
22430031+	22430027	2.89	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.13	0
22430025+	22430024	2.77	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.13	0
22430049+	22430041	2.66	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.13	0
20850740+	22430023	2.52	1318 3-	336 ACSR 18/1	0	0	0	0	9188	208	39	0.02	1.80	100
20850741+	20850740	2.58	1317 3-	336 ACSR 18/1	0	0	0	0	9185	208	39	0.06	1.84	256
20850909+	20850741	2.62	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.46	0
20850743+	20850741	2.65	1314 3-	336 ACSR 18/1	0	0	0	0	9176	208	39	0.06	1.88	266
20850932+	20850743	2.69	1 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.94	0
20850742+	20850743	2.70	1312 3-	336 ACSR 18/1	0	0	0	0	9159	208	39	0.05	1.92	227
22430029+	20850742	2.75	76 3-	1/0 ACSR 6/1	0	0	0	0	1400	32	14	0.01	1.94	15
22430033+	22430029	2.79	75 3-	1/0 ACSR 6/1	0	0	0	0	1396	32	14	0.01	1.95	11
22430034+	22430033	2.80	74 3-	1/0 ACSR 6/1	0	0	0	0	1391	32	14	0.00	1.95	3
D22-43-P116+	22430034	2.80	74 3-	REC-100-E	0	0	0	0	1391	32	32	0.00	1.95	0
22430020+	D22-43-P116	2.84	74 3-	1/0 ACSR 6/1	0	0	0	0	1391	32	14	0.01	1.96	12
22440008+	22430020	3.00	74 3-	1/0 ACSR 6/1	0	0	0	0	1391	32	14	0.04	2.01	48
22440005+	22440008	3.06	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.66	0
22440004+	22440008	3.09	71 3-	1/0 ACSR 6/1	0	0	0	0	1375	32	14	0.02	2.03	27
22440009+	22440004	3.12	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.09	0
22440010+	22440009	3.18	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	2.09	0
22440006+	22440004	3.12	69 3-	1/0 ACSR 6/1	0	0	0	0	1363	31	14	0.01	2.04	9
22440011+	22440006	3.17	67 3-	1/0 ACSR 6/1	0	0	0	0	1348	31	14	0.01	2.06	14
22440012+	22440011	3.26	5 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	2.12	0
22440014+	22440011	3.32	59 3-	1/0 ACSR 6/1	0	0	0	0	1317	30	13	0.04	2.10	41
22440013+	22440014	3.37	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.74	0
22440015+	22440014	3.36	57 3-	1/0 ACSR 6/1	0	0	0	0	1309	30	13	0.01	2.11	11
22440016+	22440015	3.43	56 3-	1/0 ACSR 6/1	0	0	0	0	1305	30	13	0.02	2.13	19
22340020+	22440016	3.50	4 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	2.19	0
22340021+	22340020	3.53	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	2.19	0
22340002+	22440016	3.52	52 3-	1/0 ACSR 6/1	0	0	0	0	1286	30	13	0.02	2.15	23
22340003+	22340002	3.60	4 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	2.21	0
22340022+	22340003	3.64	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.21	0
22340004+	22340003	3.64	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.21	0
22340009+	22340004	3.72	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	2.21	0
22340008+	22340004	3.67	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.21	0
22340010+	22340002	3.63	48 3-	1/0 ACSR 6/1	0	0	0	0	1276	29	13	0.03	2.18	27
22340011+	22340010	3.71	44 3-	1/0 ACSR 6/1	0	0	0	0	1271	29	13	0.02	2.20	19
22340007+	22340011	3.78	42 3-	1/0 ACSR 6/1	0	0	0	0	1257	29	13	0.02	2.22	19
22340017+	22340007	3.89	37 3-	1/0 ACSR 6/1	0	0	0	0	1225	28	12	0.03	2.25	25
22340018+	22340017	3.97	33 3-	1/0 ACSR 6/1	0	0	0	0	1200	28	12	0.02	2.27	19
22340006+	22340018	4.15	31 3-	1/0 ACSR 6/1	0	0	0	0	1187	27	12	0.04	2.32	38
22440018+	22340006	4.22	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.96	0
22440017+	22340006	4.25	28 3-	1/0 ACSR 6/1	0	0	0	0	1158	27	12	0.03	2.34	21
22440020+	22440017	4.36	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.99	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22440021+	22440020	4.40	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.99	0
22440002+	22440017	4.34	27 3-	1/0 ACSR 6/1	0	0	0	0	1152	27	12	0.02	2.37	19
22440007+	22440002	4.55	26 3-	1/0 ACSR 6/1	0	0	0	0	1146	26	12	0.05	2.42	43
22450014+	22440007	4.60	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.74	0
22450030+	22440007	4.64	24 3-	1/0 ACSR 6/1	0	0	0	0	1135	26	12	0.02	2.44	20
22450032+	22450030	4.68	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.48	0
22450031+	22450030	4.74	23 3-	1/0 ACSR 6/1	0	0	0	0	1129	26	12	0.03	2.47	20
22450006+	22450031	4.80	21 3-	1/0 ACSR 6/1	0	0	0	0	1122	26	12	0.02	2.48	12
22450007+	22450006	4.84	20 3-	2 ACSR 6/1	0	0	0	0	1117	26	15	0.01	2.49	12
22450008+	22450007	4.89	19 3-	2 ACSR 6/1	0	0	0	0	1109	26	15	0.02	2.51	14
D22-45-P038+	22450008	4.89	19 3-	REC-35-E	0	0	0	0	1109	26	75	0.00	2.51	0
22450009+	D22-45-P038	5.00	19 3-	2 ACSR 6/1	0	0	0	0	1109	26	15	0.04	2.55	34
22450027+	22450009	5.06	18 3-	2 ACSR 6/1	0	0	0	0	1106	26	15	0.02	2.57	20
22450026+	22450027	5.12	18 3-	2 ACSR 6/1	0	0	0	0	1106	26	15	0.02	2.59	17
22450010+	22450026	5.21	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.24	0
22450024+	22450026	5.19	17 3-	2 ACSR 6/1	0	0	0	0	1101	26	14	0.03	2.62	23
22450028+	22450024	5.59	16 3-	2 ACSR 6/1	0	0	0	0	1098	25	14	0.14	2.75	121
22450029+	22450028	5.66	16 3-	2 ACSR 6/1	0	0	0	0	1097	25	14	0.03	2.78	24
22450011+	22450029	5.95	16 3-	2 ACSR 6/1	0	0	0	0	1097	25	14	0.10	2.88	88
22460010+	22450011	6.19	14 3-	2 ACSR 6/1	0	0	0	0	1089	25	14	0.08	2.96	70
22460011+	22460010	6.26	11 3-	2 ACSR 6/1	0	0	0	0	1076	25	14	0.03	2.99	22
22460012+	22460011	6.36	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.65	0
22460005+	22460011	6.57	10 3-	2 ACSR 6/1	0	0	0	0	1072	25	14	0.11	3.09	90
22460013+	22460005	6.59	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.76	0
22460006+	22460005	6.60	9 3-	2 ACSR 6/1	0	0	0	0	1065	25	14	0.01	3.10	11
22460016+	22460006	6.62	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	2.43	0
22460015+	22460006	6.62	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.43	0
22460007+	22460006	6.84	7 3-	2 ACSR 6/1	0	0	0	0	1051	24	14	0.08	3.18	66
22460014+	22460007	7.01	5 3-	2 ACSR 6/1	0	0	0	0	15	0	0	0.00	3.18	0
22470002+	22460014	7.07	4 3-	2 ACSR 6/1	0	0	0	0	14	0	0	0.00	3.18	0
D22-37-P014+	22470002	7.07	4 1-	FUS	0	0	0	0	14	0	21	0.00	3.86	0
22370009+	D22-37-P014	7.11	4 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.86	0
22370010+	22370009	7.15	4 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.86	0
22370008+	22370010	7.20	4 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.86	0
22370006+	22370008	7.26	4 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.86	0
22370007+	22370006	7.87	4 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.86	0
22460008+	22460007	6.86	2 3-	2 ACSR 6/1	0	0	0	0	1036	24	14	0.01	3.19	6
22460070+	22460008	6.86	2 3-	Consumer	0	0	0	0	1036	24	0	0.00	3.19	0
22460009+	22450011	6.02	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.89	0
22450025+	22450024	5.30	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.27	0
22450012+	22450031	4.80	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.50	0
22450013+	22450012	4.86	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.50	0
22440019+	22340006	4.19	1 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	2.36	0
22440001+	22440019	4.25	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.36	0
22340005+	22340018	4.09	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.91	0
22340023+	22340007	3.82	4 1-	2 ACSR 6/1	0	0	0	0	30	2	1	0.00	2.28	0
22340016+	22340023	3.85	2 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	2.28	0
22340019+	22340007	3.87	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.28	0
22440003+	22440008	3.17	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.07	0
20850934+	20850742	2.74	30 3-	2 ACSR 6/1	0	0	0	0	152	3	2	0.00	1.92	0
20850935+	20850934	2.75	27 3-	2 ACSR 6/1	0	0	0	0	121	2	2	0.00	1.92	0
D22-43-P030+	20850935	2.75	27 1-	REC-50-E	0	0	0	0	121	8	16	0.00	1.21	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D22-43-P030+	D22-43-P030	2.81	27 1-	2 ACSR 6/1	0	0	0	0	121	8	5	0.01	1.21	0
D22-43-P031+	22430030	2.81	21 1-	FUS	0	0	0	0	87	5	134	0.00	1.21	0
22430012+	D22-43-P031	2.89	21 1-	2 ACSR 6/1	0	0	0	0	87	5	3	0.01	1.22	0
22430013+	22430012	2.99	20 1-	2 ACSR 6/1	0	0	0	0	81	5	3	0.01	1.23	0
22430014+	22430013	3.07	19 1-	2 ACSR 6/1	0	0	0	0	81	5	3	0.01	1.24	0
22430015+	22430014	3.15	17 1-	2 ACSR 6/1	0	0	0	0	79	5	3	0.01	1.24	0
20851103+	22430015	3.24	15 1-	2 ACSR 6/1	0	0	0	0	76	5	3	0.01	1.25	0
20851104+	20851103	3.29	14 1-	2 ACSR 6/1	0	0	0	0	73	4	3	0.00	1.25	0
20851115+	20851104	3.38	13 1-	2 ACSR 6/1	0	0	0	0	68	4	3	0.01	1.26	0
20850937+	20851115	3.86	12 1-	2 ACSR 6/1	0	0	0	0	64	4	2	0.03	1.29	2
22430016+	20850937	3.90	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	1.29	0
22430011+	20850937	3.97	11 1-	2 ACSR 6/1	0	0	0	0	62	4	2	0.01	1.30	0
22420004+	22430011	4.05	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.30	0
22420001+	22430011	4.03	10 1-	2 ACSR 6/1	0	0	0	0	56	3	2	0.00	1.30	0
22420005+	22420001	4.07	8 1-	2 ACSR 6/1	0	0	0	0	48	3	2	0.00	1.30	0
22420006+	22420005	4.11	6 1-	2 ACSR 6/1	0	0	0	0	30	2	1	0.00	1.30	0
22420007+	22420006	4.16	5 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	1.30	0
22420008+	22420007	4.19	4 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	1.30	0
22420009+	22420008	4.24	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.31	0
22420003+	22420009	4.26	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.31	0
22420010+	22420003	4.36	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.31	0
22420002+	22420009	4.34	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.31	0
22430035+	22430030	2.89	5 1-	2 ACSR 6/1	0	0	0	0	32	2	1	0.00	1.22	0
22430038+	22430035	2.96	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.22	0
22430037+	22430035	2.97	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.22	0
22430036+	22430035	2.94	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.22	0
22430002+	22430036	2.96	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.22	0
22430042+	22430036	3.00	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.22	0
20850933+	20850742	2.77	1206 3-	336 ACSR 18/1	0	0	0	0	7605	172	33	0.05	1.96	183
20851123+	20850933	2.85	1205 3-	336 ACSR 18/1	0	0	0	0	7602	172	33	0.06	2.00	223
C22-43-P56+	20851123	2.85	0 3-	Capacitor	0	0	0	0	0	-7	0	0.00	2.00	0
22430047+	20851123	3.05	1205 3-	336 ACSR 18/1	0	0	0	0	7600	173	33	0.16	2.11	571
22430048+	22430047	3.26	1205 3-	336 ACSR 18/1	0	0	0	0	7594	173	33	0.18	2.23	610
22540047+	22430048	3.28	4 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.33	0
22540048+	22540047	3.31	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.33	0
22540035+	22430048	3.44	1201 3-	336 ACSR 18/1	0	0	0	0	7580	173	33	0.14	2.33	492
22540039+	22540035	3.57	1200 3-	336 ACSR 18/1	0	0	0	0	7574	173	33	0.11	2.41	397
22540043+	22540039	3.68	350 3-	4/0 ACSR 6/1	0	0	0	0	1632	37	11	0.03	2.43	23
22540065+	22540043	3.72	346 3-	4/0 ACSR 6/1	0	0	0	0	1609	36	11	0.01	2.44	9
22540066+	22540065	3.79	346 3-	4/0 ACSR 6/1	0	0	0	0	1609	36	11	0.02	2.45	14
D22-54-P092+	22540066	3.79	346 3-	REC-100-E	0	0	0	0	1609	36	37	0.00	2.45	0
22540021+	D22-54-P092	3.83	346 3-	4/0 ACSR 6/1	0	0	0	0	1609	36	11	0.01	2.45	9
22540042+	22540021	3.87	345 3-	4/0 ACSR 6/1	0	0	0	0	1607	36	11	0.01	2.46	8
22540067+	22540042	3.92	344 3-	4/0 ACSR 6/1	0	0	0	0	1603	36	11	0.02	2.47	12
22540063+	22540067	3.98	343 3-	4/0 ACSR 6/1	0	0	0	0	1595	36	11	0.02	2.48	12
22540064+	22540063	4.01	343 3-	4/0 ACSR 6/1	0	0	0	0	1595	36	11	0.01	2.48	6
22540061+	22540064	4.08	342 3-	4/0 ACSR 6/1	0	0	0	0	1590	36	11	0.02	2.50	16
22540062+	22540061	4.13	342 3-	4/0 ACSR 6/1	0	0	0	0	1590	36	11	0.01	2.50	10
22540024+	22540062	4.17	341 3-	4/0 ACSR 6/1	0	0	0	0	1588	36	11	0.01	2.51	9
22540050+	22540024	4.22	4 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	3.46	0
22540060+	22540050	4.35	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.46	0
22540059+	22540060	4.39	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.46	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22540025+	22540024	4.19	337 3-	4/0 ACSR 6/1	0	0	0	0	1568	35	11	0.00	2.51	3
22540049+	22540025	4.40	337 3-	4/0 ACSR 6/1	0	0	0	0	1568	35	11	0.06	2.55	42
22540026+	22540049	4.50	335 3-	4/0 ACSR 6/1	0	0	0	0	1558	35	10	0.03	2.56	20
22540028+	22540026	4.52	331 3-	4/0 ACSR 6/1	0	0	0	0	1541	35	10	0.01	2.57	5
22540029+	22540028	4.56	330 3-	4/0 ACSR 6/1	0	0	0	0	1533	34	10	0.01	2.57	7
22540051+	22540029	4.67	329 3-	4/0 ACSR 6/1	0	0	0	0	1527	34	10	0.03	2.59	22
22550029+	22540051	4.73	326 3-	4/0 ACSR 6/1	0	0	0	0	1517	34	10	0.02	2.60	12
22550030+	22550029	4.88	325 3-	4/0 ACSR 6/1	0	0	0	0	1510	34	10	0.04	2.63	29
D22-55-P004+	22550030	4.88	8 1-	FUS	0	0	0	0	35	2	54	0.00	3.66	0
22550035+	D22-55-P004	5.04	8 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.01	3.66	0
22550022+	22550035	5.13	7 1-	2 ACSR 6/1	0	0	0	0	27	1	1	0.00	3.67	0
22550023+	22550022	5.18	6 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	3.67	0
22550014+	22550023	5.35	5 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.67	0
22650015+	22550014	5.52	4 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.67	0
22650016+	22650015	5.67	4 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.67	0
22650011+	22650016	5.75	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.67	0
22650012+	22650011	5.82	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.67	0
22650010+	22650016	5.75	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.67	0
22650008+	22650010	5.97	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.67	0
22650009+	22650008	6.19	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.67	0
22550031+	22550030	4.92	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.76	0
22550024+	22550030	4.99	316 3-	1/0 ACSR 6/1	0	0	0	0	1471	33	15	0.05	2.66	40
D22-55-P046A+	22550024	4.99	2 1-	FUS-20	0	0	0	0	10	0	4	0.00	2.79	0
D22-55-P046+	D22-55-P046A	4.99	2 1-	FUS-20	0	0	0	0	10	0	4	0.00	2.79	0
22550034+	D22-55-P046	5.04	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	2.79	0
22550012+	22550034	5.23	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.79	0
22550013+	22550024	5.06	312 3-	1/0 ACSR 6/1	0	0	0	0	1457	33	14	0.03	2.68	25
22550017+	22550013	5.17	310 3-	1/0 ACSR 6/1	0	0	0	0	1451	33	14	0.05	2.71	36
22550021+	22550017	5.23	306 3-	1/0 ACSR 6/1	0	0	0	0	1426	32	14	0.03	2.72	20
22550025+	22550021	5.28	306 3-	1/0 ACSR 6/1	0	0	0	0	1426	32	14	0.02	2.74	19
22550026+	22550025	5.35	305 3-	1/0 ACSR 6/1	0	0	0	0	1420	32	14	0.03	2.75	22
22550027+	22550026	5.42	304 3-	1/0 ACSR 6/1	0	0	0	0	1416	32	14	0.03	2.77	24
22550028+	22550027	5.63	303 3-	1/0 ACSR 6/1	0	0	0	0	1413	32	14	0.09	2.83	72
22550011+	22550028	5.99	303 3-	1/0 ACSR 6/1	0	0	0	0	1413	32	14	0.16	2.93	122
22560027+	22550011	6.04	1 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	3.03	0
22560028+	22550011	6.03	302 3-	1/0 ACSR 6/1	0	0	0	0	1399	32	14	0.01	2.94	11
22560029+	22560028	6.06	301 3-	1/0 ACSR 6/1	0	0	0	0	1394	31	14	0.01	2.95	10
22560030+	22560029	6.07	300 3-	1/0 ACSR 6/1	0	0	0	0	1391	31	14	0.01	2.95	4
22560037+	22560030	6.16	299 3-	1/0 ACSR 6/1	0	0	0	0	1382	31	14	0.04	2.97	29
22560038+	22560037	6.26	298 3-	1/0 ACSR 6/1	0	0	0	0	1374	31	14	0.04	3.00	31
22560023+	22560038	6.58	298 3-	1/0 ACSR 6/1	0	0	0	0	1374	31	14	0.14	3.08	103
22560022+	22560023	6.66	296 3-	1/0 ACSR 6/1	0	0	0	0	1362	31	14	0.04	3.10	27
D22-56-P014+	22560022	6.66	296 3-	REC-70-E	0	0	0	0	1361	31	45	0.00	3.10	0
22560024+	D22-56-P014	6.71	296 3-	1/0 ACSR 6/1	0	0	0	0	1361	31	14	0.02	3.12	15
D22-56-P030+	22560024	6.71	7 1-	FUS-10	0	0	0	0	7	0	5	0.00	4.46	0
22560043+	D22-56-P030	6.76	7 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	4.46	0
22560044+	22560043	6.82	6 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	4.46	0
22560033+	22560044	6.89	4 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	4.46	0
22560020+	22560024	6.78	289 3-	1/0 ACSR 6/1	0	0	0	0	1354	31	13	0.03	3.13	23
D22-56-P038A+	22560020	6.78	3 1-	FUS-10	0	0	0	0	14	0	10	0.00	3.21	0
D22-56-P038+	D22-56-P038A	6.78	3 1-	FUS-10	0	0	0	0	14	0	10	0.00	3.21	0
22560042+	D22-56-P038	6.82	3 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.21	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22560026+	22560042	6.89	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	3.21	0
22560035+	22560020	6.79	4 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	4.50	0
22560021+	22560020	6.84	282 3-	1/0 ACSR 6/1	0	0	0	0	1328	30	13	0.03	3.15	19
22560036+	22560021	6.87	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	4.52	0
22560034+	22560021	6.86	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.71	0
22560019+	22560021	6.91	279 3-	1/0 ACSR 6/1	0	0	0	0	1312	30	13	0.03	3.17	21
22560025+	22560019	7.73	279 3-	1/0 ACSR 6/1	0	0	0	0	1312	30	13	0.35	3.37	241
22570002+	22560025	7.86	279 3-	1/0 ACSR 6/1	0	0	0	0	1310	30	13	0.06	3.41	39
20852206+	22570002	7.93	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.44	0
22570003+	22570002	7.91	277 3-	1/0 ACSR 6/1	0	0	0	0	1305	29	13	0.02	3.42	16
22570004+	22570003	8.00	276 3-	1/0 ACSR 6/1	0	0	0	0	1300	29	13	0.04	3.44	26
20852041+	22570004	8.06	275 3-	1/0 ACSR 6/1	0	0	0	0	1293	29	13	0.02	3.46	17
20852204+	20852041	8.11	273 3-	1/0 ACSR 6/1	0	0	0	0	1275	29	13	0.02	3.47	14
20852205+	20852204	8.22	272 3-	1/0 ACSR 6/1	0	0	0	0	1270	29	13	0.05	3.49	32
22480004+	20852205	8.33	269 3-	1/0 ACSR 6/1	0	0	0	0	1254	28	13	0.05	3.52	31
22480012+	22480004	8.42	265 3-	1/0 ACSR 6/1	0	0	0	0	1236	28	12	0.04	3.54	24
22480014+	22480012	8.47	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	5.19	0
22480013+	22480012	8.53	262 3-	1/0 ACSR 6/1	0	0	0	0	1225	28	12	0.05	3.57	31
22480036+	22480013	8.59	259 3-	1/0 ACSR 6/1	0	0	0	0	1211	27	12	0.02	3.58	15
22480038+	22480036	8.63	1 3-	1/0 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.58	0
22480037+	22480036	8.72	258 3-	1/0 ACSR 6/1	0	0	0	0	1205	27	12	0.05	3.61	35
22480016+	22480037	8.80	257 3-	1/0 ACSR 6/1	0	0	0	0	1202	27	12	0.03	3.63	20
22480010+	22480016	8.93	256 3-	1/0 ACSR 6/1	0	0	0	0	1202	27	12	0.05	3.66	35
22480025+	22480010	8.97	253 3-	1/0 ACSR 6/1	0	0	0	0	1186	27	12	0.02	3.67	12
22480027+	22480025	9.04	252 3-	1/0 ACSR 6/1	0	0	0	0	1176	27	12	0.03	3.68	17
D22-48-P012A+	22480027	9.04	4 1-	FUS-20	0	0	0	0	15	1	6	0.00	5.44	0
D22-48-P012+	D22-48-P012A	9.04	4 1-	FUS-20	0	0	0	0	15	1	6	0.00	5.44	0
22480035+	D22-48-P012	9.08	4 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	5.44	0
22480032+	22480035	9.16	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	5.44	0
22480022+	22480032	9.23	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	5.44	0
22480026+	22480027	9.15	244 3-	1/0 ACSR 6/1	0	0	0	0	1144	26	11	0.04	3.71	26
22480005+	22480026	9.22	243 3-	1/0 ACSR 6/1	0	0	0	0	1142	26	11	0.03	3.72	19
D22-48-P018A+	22480005	9.22	4 1-	FUS-20	0	0	0	0	22	1	9	0.00	5.51	0
D22-48-P018+	D22-48-P018A	9.22	4 1-	FUS-20	0	0	0	0	22	1	9	0.00	5.51	0
22480034+	D22-48-P018	9.27	4 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	5.51	0
22480006+	22480034	9.34	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	5.51	0
22480007+	22480006	9.39	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	5.51	0
22480008+	22480005	9.37	237 3-	1/0 ACSR 6/1	0	0	0	0	1105	25	11	0.05	3.75	33
22480009+	22480008	9.42	235 3-	1/0 ACSR 6/1	0	0	0	0	1097	25	11	0.02	3.77	13
22480018+	22480009	9.46	2 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.78	0
22480017+	22480009	9.48	232 3-	1/0 ACSR 6/1	0	0	0	0	1076	24	11	0.02	3.78	13
D22-48-P051+	22480017	9.48	5 1-	FUS-20	0	0	0	0	23	1	9	0.00	5.61	0
22480033+	D22-48-P051	9.50	5 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	5.61	0
22480019+	22480033	9.55	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	5.61	0
22480020+	22480019	9.58	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	5.61	0
22480003+	22480017	9.54	227 3-	1/0 ACSR 6/1	0	0	0	0	1053	24	11	0.02	3.79	11
22480021+	22480003	9.59	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.81	0
22480024+	22480003	9.58	221 3-	1/0 ACSR 6/1	0	0	0	0	1018	23	10	0.01	3.80	8
22490003+	22480024	9.66	220 3-	1/0 ACSR 6/1	0	0	0	0	1011	23	10	0.03	3.81	15
22490006+	22490003	9.75	217 3-	1/0 ACSR 6/1	0	0	0	0	1004	23	10	0.03	3.83	18
D22-49-P003+	22490006	9.75	3 1-	FUS-20	0	0	0	0	18	1	7	0.00	3.85	0
22490026+	D22-49-P003	9.79	3 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	3.85	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
D22-49-P003A+	22490001+	22490026	9.81	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0.00	3.85	0
		22490006	9.75	3 1-	FUS-20	0	0	0	22	1	9	0.00	5.70	0
		22490028+	9.77	3 1-	2 ACSR 6/1	0	0	0	22	1	1	0.00	5.70	0
	D22-49-P003A	22490007+	9.80	2 1-	2 ACSR 6/1	0	0	0	13	0	0	0.00	5.70	0
		22490004+	9.93	1 1-	2 ACSR 6/1	0	0	0	7	0	0	0.00	5.70	0
		22490005+	9.82	210 3-	1/0 ACSR 6/1	0	0	0	963	22	10	0.02	3.84	12
		22490011+	9.88	207 3-	1/0 ACSR 6/1	0	0	0	947	21	10	0.02	3.85	10
	D22-49-P008+	22490011	9.88	2 1-	FUS-20	0	0	0	7	0	3	0.00	3.88	0
		22490029+	9.90	2 1-	2 ACSR 6/1	0	0	0	7	0	0	0.00	3.88	0
	D22-49-P008A+	22490011	9.88	2 1-	FUS-20	0	0	0	12	0	5	0.00	5.74	0
		22490027+	9.93	2 1-	2 ACSR 6/1	0	0	0	12	0	0	0.00	5.74	0
		22490025+	9.98	1 1-	2 ACSR 6/1	0	0	0	8	0	0	0.00	5.74	0
		22490024+	9.96	1 1-	2 ACSR 6/1	0	0	0	4	0	0	0.00	5.74	0
		22490008+	10.02	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0.00	5.74	0
		22490013+	9.95	199 3-	1/0 ACSR 6/1	0	0	0	908	20	9	0.02	3.87	12
		22490009+	9.97	1 1-	2 ACSR 6/1	0	0	0	2	0	0	0.00	1.94	0
		22490010+	10.03	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0.00	1.94	0
		22490018+	10.03	198 3-	1/0 ACSR 6/1	0	0	0	906	20	9	0.02	3.88	13
		22390015+	10.09	196 3-	1/0 ACSR 6/1	0	0	0	899	20	9	0.02	3.89	11
		22390016+	10.18	192 3-	1/0 ACSR 6/1	0	0	0	875	20	9	0.03	3.91	14
		22390041+	10.24	192 3-	1/0 ACSR 6/1	0	0	0	875	20	9	0.02	3.92	9
		22390042+	10.28	192 3-	1/0 ACSR 6/1	0	0	0	875	20	9	0.01	3.92	7
	D22-39-P046+	22390042	10.28	3 1-	FUS-20	0	0	0	15	1	6	0.00	5.87	0
		22390040+	10.29	3 1-	2 ACSR 6/1	0	0	0	15	1	1	0.00	5.87	0
		22390024+	10.36	2 1-	2 ACSR 6/1	0	0	0	10	0	0	0.00	5.87	0
		22390025+	10.43	1 1-	2 ACSR 6/1	0	0	0	2	0	0	0.00	5.87	0
		22390026+	10.33	184 3-	1/0 ACSR 6/1	0	0	0	844	19	8	0.01	3.93	7
		22390019+	10.39	184 3-	1/0 ACSR 6/1	0	0	0	844	19	8	0.02	3.94	9
		22390020+	10.43	1 1-	2 ACSR 6/1	0	0	0	6	0	0	0.00	3.98	0
		22390021+	10.44	182 3-	1/0 ACSR 6/1	0	0	0	832	19	8	0.02	3.95	8
		22390022+	10.50	177 3-	1/0 ACSR 6/1	0	0	0	806	18	8	0.02	3.96	8
		22390011+	10.55	173 3-	1/0 ACSR 6/1	0	0	0	780	18	8	0.01	3.96	7
		22390014+	10.58	171 3-	1/0 ACSR 6/1	0	0	0	767	17	8	0.01	3.97	5
		22390013+	10.66	168 3-	1/0 ACSR 6/1	0	0	0	753	17	8	0.02	3.98	11
		22390018+	10.71	167 3-	1/0 ACSR 6/1	0	0	0	749	17	8	0.01	3.99	7
		22390027+	10.76	1 1-	2 ACSR 6/1	0	0	0	2	0	0	0.00	4.06	0
		22390029+	10.77	159 3-	1/0 ACSR 6/1	0	0	0	720	16	7	0.02	4.00	9
		22390030+	10.82	158 3-	1/0 ACSR 6/1	0	0	0	714	16	7	0.01	4.00	6
		22390033+	10.87	2 1-	2 ACSR 6/1	0	0	0	8	0	0	0.00	4.08	0
		22390005+	10.93	156 3-	1/0 ACSR 6/1	0	0	0	705	16	7	0.03	4.02	15
	D22-39-P007+	22390005	10.93	89 1-	REC-50-E	0	0	0	456	32	64	0.00	6.05	0
		22390006+	11.00	89 1-	2 ACSR 6/1	0	0	0	456	32	18	0.03	6.08	12
		23320023+	11.04	2 1-	2 ACSR 6/1	0	0	0	13	0	0	0.00	6.08	0
		23320022+	11.02	85 1-	2 ACSR 6/1	0	0	0	423	29	16	0.01	6.09	3
		23320024+	11.09	84 1-	2 ACSR 6/1	0	0	0	415	29	16	0.03	6.12	11
		23320025+	11.17	1 1-	2 ACSR 6/1	0	0	0	5	0	0	0.00	6.12	0
		23320020+	11.24	80 1-	2 ACSR 6/1	0	0	0	400	28	16	0.06	6.18	19
		23320021+	11.30	76 1-	2 ACSR 6/1	0	0	0	372	26	15	0.03	6.21	8
		23320027+	11.35	3 1-	2 ACSR 6/1	0	0	0	4	0	0	0.00	6.21	0
		23320026+	11.34	71 1-	2 ACSR 6/1	0	0	0	362	25	14	0.01	6.22	4
		23320028+	11.37	71 1-	2 ACSR 6/1	0	0	0	362	25	14	0.01	6.23	4
		23320029+	11.42	67 1-	2 ACSR 6/1	0	0	0	349	24	14	0.02	6.25	6

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
23320030+	23320029	11.51	65 1-	2 ACSR 6/1	0	0	0	0	340	23 13	0.03	6.28	9	
23320031+	23320030	11.56	64 1-	2 ACSR 6/1	0	0	0	0	332	23 13	0.02	6.30	4	
23320033+	23320031	11.66	62 1-	2 ACSR 6/1	0	0	0	0	313	21 12	0.03	6.33	8	
23320036+	23320033	11.73	4 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	6.34	0
23320037+	23320036	11.77	4 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	6.34	0
23320038+	23320037	11.79	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	6.34	0
23320041+	23320038	11.80	2 1-	2 ACSR 6/1	0	0	0	0	14	1	1	0.00	6.34	0
23320040+	23320038	11.86	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.34	0
23320034+	23320033	11.68	55 1-	2 ACSR 6/1	0	0	0	0	271	19 11	0.01	6.34	1	
23320035+	23320034	11.86	54 1-	2 ACSR 6/1	0	0	0	0	270	18 11	0.05	6.39	11	
23320039+	23320035	11.94	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	6.39	0
23320018+	23320035	12.03	53 1-	2 ACSR 6/1	0	0	0	0	265	18 10	0.05	6.44	11	
23220005+	23320018	12.10	52 1-	2 ACSR 6/1	0	0	0	0	257	18 10	0.02	6.46	4	
23220007+	23220005	12.15	49 1-	2 ACSR 6/1	0	0	0	0	245	17 10	0.01	6.47	3	
23220017+	23220007	12.20	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.47	0
23220008+	23220007	12.22	48 1-	2 ACSR 6/1	0	0	0	0	245	17 10	0.02	6.49	4	
23220009+	23220008	12.28	47 1-	2 ACSR 6/1	0	0	0	0	239	16 9	0.01	6.51	3	
23220014+	23220009	12.35	44 1-	2 ACSR 6/1	0	0	0	0	220	15 9	0.02	6.52	3	
D23-22-P007+	23220014	12.35	13 1-	FUS-10	0	0	0	0	66	4 48	0.00	6.52	0	
23220024+	D23-22-P007	12.38	13 1-	2 ACSR 6/1	0	0	0	0	66	4 3	0.00	6.52	0	
23220015+	23220024	12.42	13 1-	2 ACSR 6/1	0	0	0	0	66	4 3	0.00	6.53	0	
23220010+	23220015	12.47	12 1-	2 ACSR 6/1	0	0	0	0	62	4 2	0.00	6.53	0	
23220011+	23220010	12.52	10 1-	2 ACSR 6/1	0	0	0	0	51	3 2	0.00	6.53	0	
23220025+	23220011	12.57	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	6.53	0
23220026+	23220025	12.61	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	6.53	0
23220012+	23220011	12.61	7 1-	2 ACSR 6/1	0	0	0	0	35	2 1	0.00	6.54	0	
23220019+	23220012	12.66	4 1-	2 ACSR 6/1	0	0	0	0	17	1 1	0.00	6.54	0	
23220020+	23220019	12.72	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	6.54	0
23220018+	23220012	12.66	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	6.54	0
23220016+	23220015	12.47	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	6.53	0
23220003+	23220014	12.44	31 1-	2 ACSR 6/1	0	0	0	0	154	10 6	0.01	6.54	2	
23230011+	23220003	12.55	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	6.54	0
23230009+	23220003	12.59	29 1-	2 ACSR 6/1	0	0	0	0	139	9 5	0.02	6.56	3	
23230030+	23230009	12.68	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	6.56	0
23230031+	23230030	12.78	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	6.56	0
23230010+	23230009	12.66	28 1-	2 ACSR 6/1	0	0	0	0	130	9 5	0.01	6.57	0	
23230015+	23230010	12.69	24 1-	2 ACSR 6/1	0	0	0	0	109	7 4	0.00	6.57	0	
23230016+	23230015	12.72	19 1-	2 ACSR 6/1	0	0	0	0	91	6 4	0.00	6.57	0	
23230018+	23230016	12.78	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	6.58	0
23230017+	23230016	12.77	16 1-	2 ACSR 6/1	0	0	0	0	71	5 3	0.00	6.58	0	
D23-23-P053+	23230017	12.77	7 1-	FUS-10	0	0	0	0	30	2 22	0.00	6.58	0	
23230028+	D23-23-P053	12.79	7 1-	2 ACSR 6/1	0	0	0	0	30	2 1	0.00	6.58	0	
23230019+	23230028	12.88	5 1-	2 ACSR 6/1	0	0	0	0	19	1 1	0.00	6.58	0	
23230020+	23230019	12.96	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	6.58	0
23230029+	23230017	12.80	9 1-	2 ACSR 6/1	0	0	0	0	41	2 2	0.00	6.58	0	
D23-23-P038+	23230029	12.80	9 1-	FUS	0	0	0	0	41	2 66	0.00	6.58	0	
23230027+	D23-23-P038	12.84	9 1-	2 ACSR 6/1	0	0	0	0	41	2 2	0.00	6.58	0	
23230021+	23230027	12.90	6 1-	2 ACSR 6/1	0	0	0	0	21	1 1	0.00	6.58	0	
23230034+	23230021	12.97	6 1-	2 ACSR 6/1	0	0	0	0	21	1 1	0.00	6.58	0	
23230022+	23230034	13.05	5 1-	2 ACSR 6/1	0	0	0	0	16	1 1	0.00	6.58	0	
23230026+	23230022	13.09	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	6.59	0
23230032+	23230026	13.21	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	6.59	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
23230033+	23230032	13.26	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	6.59	0
23230012+	23230010	12.68	4 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	6.57	0
23230013+	23230012	12.75	3 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	6.57	0
23230014+	23230013	12.80	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	6.57	0
23220013+	23220009	12.32	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	6.51	0
23220004+	23220018	12.09	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	6.44	0
23320032+	23320031	11.60	1 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	6.30	0
23320019+	23320024	11.14	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	6.12	0
22390034+	22390005	10.97	62 1-	2 ACSR 6/1	0	0	0	0	234	16	9	0.01	4.12	2
D22-39-P049+	22390034	10.97	62 1-	RBC-50-E	0	0	0	0	234	16	32	0.00	4.12	0
22390035+	D22-39-P049	10.99	62 1-	2 ACSR 6/1	0	0	0	0	234	16	9	0.01	4.12	1
22390008+	22390035	11.02	61 1-	2 ACSR 6/1	0	0	0	0	228	15	9	0.01	4.13	1
22390017+	22390008	11.07	60 1-	2 ACSR 6/1	0	0	0	0	221	15	8	0.01	4.14	2
22390023+	22390017	11.68	55 1-	2 ACSR 6/1	0	0	0	0	207	14	8	0.13	4.27	22
D22-29-P042+	22390023	11.68	4 1-	FUS	0	0	0	0	2	0	3	0.00	4.27	0
22290029+	D22-29-P042	11.72	4 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	4.27	0
22290032+	22290029	12.01	4 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	4.27	0
23220029+	22290032	12.17	4 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	4.27	0
23220027+	23220029	12.47	4 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	4.27	0
23220028+	23220027	12.72	4 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	4.27	0
23220006+	23220028	12.85	3 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	4.27	0
23120001+	23220006	12.98	2 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	4.27	0
23120002+	23120001	13.22	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	4.27	0
22290002+	22290029	12.05	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	4.27	0
22290022+	22390023	12.20	51 1-	2 ACSR 6/1	0	0	0	0	204	14	8	0.11	4.38	18
22290023+	22290022	12.22	4 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	4.38	0
22290024+	22290023	12.25	2 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	4.38	0
22290010+	22290024	12.28	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	4.38	0
22290021+	22290022	12.28	46 1-	2 ACSR 6/1	0	0	0	0	164	11	6	0.01	4.39	2
22290011+	22290021	12.33	44 1-	2 ACSR 6/1	0	0	0	0	152	10	6	0.01	4.40	0
22290012+	22290011	12.36	40 1-	2 ACSR 6/1	0	0	0	0	142	9	5	0.00	4.41	0
22290013+	22290012	12.40	37 1-	2 ACSR 6/1	0	0	0	0	136	9	5	0.01	4.41	0
D22-29-P068+	22290013	12.40	22 1-	RBC-25-E	0	0	0	0	97	6	27	0.00	4.41	0
22290031+	D22-29-P068	12.42	22 1-	2 ACSR 6/1	0	0	0	0	97	6	4	0.00	4.41	0
22290026+	22290031	12.47	20 1-	2 ACSR 6/1	0	0	0	0	85	5	3	0.00	4.42	0
22290018+	22290026	12.53	17 1-	2 ACSR 6/1	0	0	0	0	70	4	3	0.00	4.42	0
22290019+	22290018	12.59	16 1-	2 ACSR 6/1	0	0	0	0	65	4	2	0.00	4.43	0
22290020+	22290019	12.72	14 1-	2 ACSR 6/1	0	0	0	0	57	3	2	0.01	4.43	0
22290025+	22290020	12.76	13 1-	2 ACSR 6/1	0	0	0	0	55	3	2	0.00	4.44	0
22290007+	22290025	12.82	13 1-	2 ACSR 6/1	0	0	0	0	55	3	2	0.00	4.44	0
22290006+	22290007	12.94	9 1-	2 ACSR 6/1	0	0	0	0	42	2	2	0.01	4.44	0
22290003+	22290006	13.00	8 1-	2 ACSR 6/1	0	0	0	0	39	2	2	0.00	4.45	0
22290004+	22290003	13.04	4 1-	2 ACSR 6/1	0	0	0	0	32	2	1	0.00	4.45	0
22290005+	22290004	13.08	3 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	4.45	0
22290015+	22290005	13.12	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	4.45	0
22290014+	22290003	13.11	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	4.45	0
D22-29-P068A+	22290013	12.40	15 1-	FUS	0	0	0	0	39	2	61	0.00	4.41	0
22290030+	D22-29-P068A	12.48	15 1-	2 ACSR 6/1	0	0	0	0	39	2	1	0.00	4.41	0
22290008+	22290030	12.55	10 1-	2 ACSR 6/1	0	0	0	0	30	2	1	0.00	4.42	0
22290009+	22290008	12.61	8 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	4.42	0
22290016+	22290009	12.72	7 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	4.42	0
22290017+	22290016	12.81	6 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	4.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22190005+	22290017	12.86	4 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	4.42	0
22190006+	22190005	12.90	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	4.42	0
22190004+	22290017	12.88	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	4.42	0
22390007+	22390017	11.15	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	4.14	0
22390028+	22390018	10.76	4 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	5.99	0
22390032+	22390028	10.84	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	5.99	0
22390031+	22390028	10.79	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	5.99	0
22390012+	22390014	10.63	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.93	0
22390009+	22390022	10.55	3 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	1.94	0
22390010+	22390009	10.60	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.94	0
22390043+	22390041	10.29	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	5.85	0
22490002+	22490005	9.86	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.87	0
22480023+	22480003	9.58	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	5.63	0
22480011+	22480003	9.56	2 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	5.63	0
22480015+	22480013	8.57	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.58	0
22480039+	20852205	8.26	1 3-	1/0 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.49	0
22560031+	22560023	6.67	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	3.16	0
22560032+	22560031	6.73	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.16	0
22550018+	22550017	5.23	4 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	2.84	0
22550019+	22550018	5.28	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	2.84	0
22550020+	22550019	5.33	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.84	0
22550015+	22550013	5.14	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.74	0
22550016+	22550015	5.19	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.74	0
22540027+	22540026	4.56	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.70	0
22540020+	22540049	4.42	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	2.68	0
22540041+	22540020	4.46	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.68	0
22540040+	22540020	4.45	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	2.68	0
22540044+	22540021	3.87	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.59	0
22540038+	22540043	3.72	2 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	2.56	0
22540037+	22540038	3.77	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.56	0
22540019+	22540039	3.85	850 3-	336 ACSR 18/1	0	0	0	0	5939	136	26	0.17	2.53	473
D22-54-P090+	22540019	3.85	850 3-	ER3-RVE-280/120	0	0	0	0	5935	136	97	0.00	2.53	0
22540022+	D22-54-P090	3.92	850 3-	336 ACSR 18/1	0	0	0	0	5935	136	26	0.05	2.57	132
D22-54-P007+	22540022	3.92	4 1-	FUS	0	0	0	0	8	0	13	0.00	3.50	0
22540030+	D22-54-P007	3.96	4 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.50	0
22540031+	22540030	4.32	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.50	0
22530003+	22540031	4.38	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.50	0
22530004+	22530003	4.59	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.50	0
22540034+	22540022	4.01	846 3-	336 ACSR 18/1	0	0	0	0	5925	136	26	0.05	2.61	152
22540046+	22540034	4.07	845 3-	336 ACSR 18/1	0	0	0	0	5922	136	26	0.03	2.63	98
22540045+	22540046	4.09	844 3-	336 ACSR 18/1	0	0	0	0	5916	135	26	0.01	2.64	36
22540032+	22540045	4.12	842 3-	336 ACSR 18/1	0	0	0	0	5905	135	26	0.02	2.66	62
22540033+	22540032	4.29	840 3-	336 ACSR 18/1	0	0	0	0	5884	135	26	0.10	2.73	277
22540023+	22540033	4.42	839 3-	336 ACSR 18/1	0	0	0	0	5870	135	25	0.08	2.79	230
22630013+	22540023	4.46	838 3-	336 ACSR 18/1	0	0	0	0	5860	134	25	0.03	2.81	72
22630014+	22630013	4.66	835 3-	336 ACSR 18/1	0	0	0	0	5846	134	25	0.12	2.90	347
22630008+	22630014	4.74	834 3-	336 ACSR 18/1	0	0	0	0	5839	134	25	0.05	2.93	132
22630009+	22630008	4.81	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	4.00	0
22630010+	22630008	4.86	833 3-	336 ACSR 18/1	0	0	0	0	5834	134	25	0.07	2.98	203
22630012+	22630010	4.93	830 3-	336 ACSR 18/1	0	0	0	0	5812	133	25	0.04	3.01	117
22630016+	22630012	4.99	830 3-	336 ACSR 18/1	0	0	0	0	5811	133	25	0.03	3.04	96
22630017+	22630016	5.05	829 3-	336 ACSR 18/1	0	0	0	0	5808	133	25	0.04	3.06	102

Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22630018+	22630017	5.08	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	4.18	0
22630005+	22630017	5.22	827 3-	336 ACSR 18/1	0	0	0	0	5803	133	25	0.10	3.14	297
22630020+	22630005	5.52	827 3-	336 ACSR 18/1	0	0	0	0	5800	133	25	0.17	3.27	499
22730003+	22630020	6.87	827 3-	336 ACSR 18/1	0	0	0	0	5795	133	25	0.78	3.85	2280
22840009+	22730003	6.89	827 3-	1/0 ACSR 6/1	0	0	0	0	5774	133	58	0.04	3.88	129
D22-84-P050+	22840009	6.89	1 1-	FUS	0	0	0	0	0	0	12	0.00	4.36	0
22840056+	D22-84-P050	6.93	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	4.36	0
22840026+	22840009	7.68	826 3-	1/0 ACSR 6/1	0	0	0	0	5765	133	58	1.16	4.77	4178
22840027+	22840026	7.93	823 3-	1/0 ACSR 6/1	0	0	0	0	5719	133	58	0.37	5.06	1329
D22-84-P067+	22840027	7.93	107 1-	REC-50-E	0	0	0	0	440	30	62	0.00	5.64	0
22840010+	D22-84-P067	8.04	107 1-	2 ACSR 6/1	0	0	0	0	440	30	17	0.05	5.69	19
22840040+	22840010	8.09	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	5.69	0
22840033+	22840010	8.12	106 1-	2 ACSR 6/1	0	0	0	0	433	30	17	0.04	5.73	14
22840022+	22840033	8.26	98 1-	2 ACSR 6/1	0	0	0	0	383	26	15	0.06	5.79	17
22840023+	22840022	8.34	97 1-	2 ACSR 6/1	0	0	0	0	379	26	15	0.03	5.82	10
D22-84-P004+	22840023	8.34	1 1-	FUS-20	0	0	0	0	6	0	2	0.00	5.82	0
22840054+	D22-84-P004	8.43	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	5.82	0
22840024+	22840054	8.51	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	5.82	0
22840011+	22840023	8.37	96 1-	2 ACSR 6/1	0	0	0	0	373	26	15	0.01	5.83	4
D22-84-P085+	22840011	8.37	3 1-	FUS-20	0	0	0	0	13	0	5	0.00	5.83	0
22840053+	D22-84-P085	8.45	3 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	5.83	0
22840041+	22840053	8.69	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	5.83	0
22840025+	22840053	8.53	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	5.83	0
22840043+	22840011	8.50	93 1-	2 ACSR 6/1	0	0	0	0	360	25	14	0.05	5.88	14
22840044+	22840043	8.59	91 1-	2 ACSR 6/1	0	0	0	0	352	24	14	0.03	5.91	9
22840061+	22840044	8.67	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	5.91	0
22840014+	22840044	8.95	90 1-	2 ACSR 6/1	0	0	0	0	342	24	13	0.13	6.04	37
22930007+	22840014	9.06	90 1-	2 ACSR 6/1	0	0	0	0	342	24	13	0.04	6.08	10
22930008+	22930007	9.15	87 1-	2 ACSR 6/1	0	0	0	0	337	23	13	0.03	6.11	9
22930002+	22930008	9.20	86 1-	2 ACSR 6/1	0	0	0	0	336	23	13	0.02	6.13	6
22930003+	22930002	9.26	85 1-	2 ACSR 6/1	0	0	0	0	328	23	13	0.02	6.16	5
22930009+	22930003	9.40	83 1-	2 ACSR 6/1	0	0	0	0	324	22	13	0.05	6.20	12
22930010+	22930009	9.48	81 1-	2 ACSR 6/1	0	0	0	0	318	22	12	0.03	6.23	8
22930011+	22930010	9.64	80 1-	2 ACSR 6/1	0	0	0	0	316	22	12	0.05	6.28	13
22930006+	22930011	9.70	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.28	0
22930005+	22930011	9.71	78 1-	2 ACSR 6/1	0	0	0	0	307	21	12	0.03	6.31	6
28030014+	22930005	9.76	3 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	6.31	0
28030016+	28030014	9.82	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	6.31	0
28030015+	28030014	9.80	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.31	0
28030005+	22930005	9.76	75 1-	2 ACSR 6/1	0	0	0	0	299	21	12	0.02	6.32	4
28030006+	28030005	9.82	75 1-	2 ACSR 6/1	0	0	0	0	299	21	12	0.02	6.34	4
D28-03-P003+	28030006	9.82	75 1-	FUS	0	0	0	0	299	21	479	0.00	6.34	0
28030004+	D28-03-P003	9.87	75 1-	2 ACSR 6/1	0	0	0	0	299	21	12	0.02	6.36	4
28030007+	28030004	10.07	75 1-	2 ACSR 6/1	0	0	0	0	299	21	12	0.06	6.42	16
28030008+	28030007	10.13	73 1-	2 ACSR 6/1	0	0	0	0	296	20	12	0.02	6.44	5
28030010+	28030008	10.20	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	6.44	0
28030009+	28030008	10.32	71 1-	2 ACSR 6/1	0	0	0	0	290	20	11	0.06	6.50	14
20851289+	28030009	10.67	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	6.50	0
28130004+	28030009	10.78	69 1-	2 ACSR 6/1	0	0	0	0	282	19	11	0.14	6.64	32
28130010+	28130004	11.16	7 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.01	6.65	0
28130011+	28130010	11.23	6 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	6.65	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851295+	20851292	11.41	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	6.66	0
28130013+	20851292	11.56	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.66	0
20851296+	20851292	11.41	4 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	6.66	0
20851298+	20851296	11.53	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	6.66	0
20851297+	20851296	11.45	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	6.66	0
28130012+	28130010	11.21	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	6.65	0
28130003+	28130004	11.10	62 1-	2 ACSR 6/1	0	0	0	0	246	17	10	0.08	6.72	17
28130017+	28130003	11.22	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	6.72	0
28130016+	28130003	11.19	61 1-	2 ACSR 6/1	0	0	0	0	240	16	9	0.02	6.75	5
20851290+	28130016	11.25	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	6.75	0
28130014+	28130016	11.32	60 1-	2 ACSR 6/1	0	0	0	0	235	16	9	0.03	6.78	7
28230026+	28130014	11.36	8 1-	2 ACSR 6/1	0	0	0	0	34	2	1	0.00	6.78	0
28230030+	28230026	11.44	7 1-	2 ACSR 6/1	0	0	0	0	29	2	1	0.00	6.78	0
28230027+	28230030	11.61	6 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	6.79	0
28230033+	28230027	12.15	4 1-	2 ACSR 6/1	0	0	0	0	14	1	1	0.01	6.80	0
28120003+	28230033	12.34	4 1-	2 ACSR 6/1	0	0	0	0	14	1	1	0.00	6.80	0
20851287+	28120003	12.41	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	6.80	0
20851288+	20851287	12.58	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	6.80	0
28120002+	28120003	12.53	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	6.80	0
28230028+	28230027	11.72	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	6.79	0
28230025+	28230028	11.79	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.79	0
28230032+	28130014	11.38	50 1-	2 ACSR 6/1	0	0	0	0	197	13	8	0.01	6.79	2
28230022+	28230032	11.56	49 1-	2 ACSR 6/1	0	0	0	0	179	12	7	0.04	6.83	5
28230024+	28230022	11.69	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	6.83	0
28230023+	28230022	11.61	48 1-	2 ACSR 6/1	0	0	0	0	173	12	7	0.01	6.84	1
D28-23-P019+	28230023	11.61	44 1-	REC-25-E	0	0	0	0	164	11	46	0.00	6.84	0
28230018+	D28-23-P019	11.71	44 1-	2 ACSR 6/1	0	0	0	0	164	11	6	0.02	6.85	2
28230020+	28230018	12.36	43 1-	2 ACSR 6/1	0	0	0	0	157	11	6	0.11	6.96	14
28230021+	28230020	12.40	42 1-	2 ACSR 6/1	0	0	0	0	153	10	6	0.01	6.97	0
28230019+	28230021	12.97	41 1-	2 ACSR 6/1	0	0	0	0	146	10	6	0.09	7.06	11
28340044+	28230019	13.06	37 1-	2 ACSR 6/1	0	0	0	0	140	9	6	0.01	7.07	1
28340014+	28340044	13.13	30 1-	2 ACSR 6/1	0	0	0	0	120	8	5	0.01	7.08	0
28340016+	28340014	13.23	2 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	7.08	0
28340052+	28340016	13.29	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	7.08	0
28340053+	28340052	13.38	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	7.08	0
28340054+	28340053	13.50	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	7.08	0
28340009+	28340054	13.54	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	7.08	0
28340006+	28340054	13.89	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	7.08	0
28340015+	28340014	13.19	25 1-	2 ACSR 6/1	0	0	0	0	93	6	4	0.01	7.08	0
28340013+	28340015	13.22	24 1-	2 ACSR 6/1	0	0	0	0	86	6	3	0.00	7.09	0
28340010+	28340013	13.30	22 1-	2 ACSR 6/1	0	0	0	0	83	5	3	0.01	7.09	0
28340019+	28340010	13.33	21 1-	2 ACSR 6/1	0	0	0	0	79	5	3	0.00	7.10	0
28340020+	28340019	13.38	21 1-	2 ACSR 6/1	0	0	0	0	79	5	3	0.00	7.10	0
28340026+	28340020	13.43	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	7.10	0
28340024+	28340020	13.45	20 1-	2 ACSR 6/1	0	0	0	0	73	5	3	0.01	7.11	0
28340025+	28340024	13.54	19 1-	2 ACSR 6/1	0	0	0	0	72	5	3	0.01	7.11	0
28340022+	28340025	13.58	3 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	7.11	0
28340023+	28340022	13.68	3 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	7.11	0
28340021+	28340025	13.58	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	7.11	0
28340050+	28340025	13.61	15 1-	2 ACSR 6/1	0	0	0	0	62	4	2	0.00	7.12	0
28340051+	28340050	13.67	14 1-	2 ACSR 6/1	0	0	0	0	57	4	2	0.00	7.12	0
28340045+	28340051	13.73	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	7.12	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
28340046+	28340045	13.77	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	7.12	0
28340041+	28340051	13.75	12 1-	2 ACSR 6/1	0	0	0	0	50	3	2	0.00	7.13	0
28340042+	28340041	13.79	10 1-	2 ACSR 6/1	0	0	0	0	39	2	2	0.00	7.13	0
28340047+	28340042	13.84	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	7.13	0
28340011+	28340042	13.83	8 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	7.13	0
28340012+	28340011	13.85	7 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	7.13	0
28440006+	28340012	13.91	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	7.13	0
28440010+	28340012	13.92	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	7.13	0
28440009+	28440010	13.98	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	7.13	0
28440008+	28440009	14.32	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	7.13	0
28440007+	28340012	13.92	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	7.13	0
28340008+	28440007	14.01	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	7.13	0
28340049+	28340044	13.12	6 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	7.07	0
28340018+	28340049	13.17	4 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	7.07	0
28340017+	28340018	13.21	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	7.07	0
28340007+	28230019	13.03	4 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	7.06	0
28340048+	28340007	13.31	2 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	7.06	0
28330004+	28340048	13.40	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	7.06	0
28330003+	28330004	13.47	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	7.06	0
28340043+	28340007	13.09	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	7.06	0
D28-23-P019A+	28230023	11.61	2 1-	REC-25-E	0	0	0	0	4	0	1	0.00	6.84	0
28230017+	D28-23-P019A	11.74	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	6.84	0
28230031+	28130014	11.51	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	6.78	0
28230029+	28230031	11.55	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	6.78	0
28030003+	28030004	9.91	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.36	0
22930004+	22930003	9.32	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	6.16	0
22840013+	22840033	8.18	5 1-	2 ACSR 6/1	0	0	0	0	32	2	1	0.00	5.73	0
22840042+	22840013	8.23	3 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	5.73	0
22840018+	22840013	8.32	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	5.73	0
22840019+	22840018	8.35	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	5.73	0
22840012+	22840013	8.25	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	5.73	0
22840028+	22840027	8.08	716 3-	1/0 ACSR 6/1	0	0	0	0	5267	123	54	0.24	5.21	700
22840029+	22840028	8.16	715 3-	1/0 ACSR 6/1	0	0	0	0	5255	123	53	0.14	5.31	413
22840030+	22840029	8.23	715 3-	1/0 ACSR 6/1	0	0	0	0	5251	123	53	0.10	5.37	294
D22-84-P017+	22840030	8.23	2 1-	FUS-20	0	0	0	0	14	0	5	0.00	2.92	0
22840055+	D22-84-P017	8.28	2 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	2.92	0
22840052+	22840055	8.31	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.92	0
22840051+	22840055	8.49	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	2.92	0
22840031+	22840030	8.36	713 3-	1/0 ACSR 6/1	0	0	0	0	5235	122	53	0.21	5.51	615
22840032+	22840031	8.45	712 3-	1/0 ACSR 6/1	0	0	0	0	5226	122	53	0.14	5.60	402
D22-84-P020+	22840032	8.45	7 1-	FUS	0	0	0	0	33	2	54	0.00	6.11	0
22840035+	D22-84-P020	8.49	7 1-	2 ACSR 6/1	0	0	0	0	33	2	1	0.00	6.12	0
22840036+	22840035	8.58	7 1-	2 ACSR 6/1	0	0	0	0	33	2	1	0.00	6.12	0
22840037+	22840036	8.62	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	6.12	0
22840007+	22840036	8.65	6 1-	2 ACSR 6/1	0	0	0	0	27	1	1	0.00	6.12	0
22840038+	22840007	8.72	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	6.12	0
22840039+	22840038	8.81	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.12	0
22840021+	22840007	8.78	5 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	6.12	0
22840034+	22840021	8.87	4 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	6.12	0
22840059+	22840032	8.49	705 3-	2 ACSR 6/1	0	0	0	0	5189	121	68	0.09	5.66	289
22840060+	22840059	8.60	704 3-	2 ACSR 6/1	0	0	0	0	5180	121	68	0.28	5.84	854
20850113+	22840060	8.71	498 3-	1/0 ACSR 6/1	0	0	0	0	4275	100	44	0.13	5.93	320

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
22850042+	20850113	8.91	497 3-	1/0 ACSR 6/1	0	0	0	0	4265	100	44	0.26	6.10	631
D22-85-P122+	22850042	8.91	0 1-	FUS	0	0	0	0	0	0	0	0.00	8.38	0
228500081+	D22-85-P122	8.98	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	8.38	0
228500037+	22850042	8.95	3 1-	2 ACSR 6/1	0	0	0	0	32	2	1	0.00	6.58	0
228500026+	22850042	8.95	494 3-	1/0 ACSR 6/1	0	0	0	0	4226	99	43	0.06	6.14	148
228500038+	22850026	8.99	8 1-	2 ACSR 6/1	0	0	0	0	34	2	1	0.00	8.44	0
228500039+	22850038	9.04	7 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	8.44	0
228500084+	22850039	9.15	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	8.45	0
228500036+	22850084	9.19	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	8.45	0
228500027+	22850026	9.00	486 3-	1/0 ACSR 6/1	0	0	0	0	4191	99	43	0.06	6.18	142
228500040+	22850027	9.07	486 3-	1/0 ACSR 6/1	0	0	0	0	4190	99	43	0.08	6.24	197
228500082+	22850040	9.10	2 3-	2 ACSR 6/1	0	0	0	0	326	8	5	0.00	6.24	0
228500083+	22850082	9.15	2 3-	25 KV 1/0 URD X	0	0	0	0	326	8	4	0.00	6.24	1
22850420+	22850083	9.15	2 3-	Consumer	0	0	0	0	326	8	0	0.00	6.24	0
228500043+	22850040	9.15	484 3-	1/0 ACSR 6/1	0	0	0	0	3862	91	40	0.10	6.30	229
228500047+	22850043	9.30	4 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	6.78	0
D22-85-P014+	22850047	9.30	1 1-	FUS-15	0	0	0	0	3	0	2	0.00	6.78	0
228500076+	D22-85-P014	9.51	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	6.78	0
228500067+	22850047	9.35	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	6.78	0
228500023+	22850043	9.27	478 3-	1/0 ACSR 6/1	0	0	0	0	3729	87	38	0.14	6.39	290
D22-85-P080+	22850023	9.27	0 1-	FUS	0	0	0	0	0	0	0	0.00	8.82	0
228500080+	D22-85-P080	9.44	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	8.82	0
228500058+	22850023	9.30	478 3-	1/0 ACSR 6/1	0	0	0	0	3727	87	38	0.03	6.41	64
228500048+	22850058	9.40	477 3-	1/0 ACSR 6/1	0	0	0	0	3716	87	38	0.11	6.48	234
228500049+	22850048	9.42	476 3-	1/0 ACSR 6/1	0	0	0	0	3707	87	38	0.03	6.50	60
228500032+	22850049	9.49	471 3-	1/0 ACSR 6/1	0	0	0	0	3614	85	37	0.08	6.55	161
D22-85-P039+	22850032	9.49	3 1-	FUS-20	0	0	0	0	23	1	9	0.00	9.07	0
228500078+	D22-85-P039	9.56	3 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	9.07	0
228500033+	22850078	9.60	2 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	9.07	0
228500034+	22850033	9.65	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	9.07	0
228500063+	22850032	9.56	466 3-	1/0 ACSR 6/1	0	0	0	0	3580	84	37	0.08	6.60	162
228500065+	22850063	9.65	4 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	9.15	0
228500064+	22850063	9.62	460 3-	1/0 ACSR 6/1	0	0	0	0	3547	83	36	0.07	6.64	139
228500054+	22850064	9.70	458 3-	1/0 ACSR 6/1	0	0	0	0	3535	83	36	0.09	6.69	171
D22-85-P053+	22850054	9.70	3 1-	FUS-20	0	0	0	0	15	1	6	0.00	9.31	0
228500079+	D22-85-P053	9.74	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	9.31	0
228500055+	22850079	9.79	2 1-	2 ACSR 6/1	0	0	0	0	14	1	1	0.00	9.31	0
228500057+	22850055	9.92	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	9.31	0
228500056+	22850055	9.83	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	9.31	0
228500061+	22850054	9.75	455 3-	1/0 ACSR 6/1	0	0	0	0	3519	83	36	0.05	6.73	105
228500062+	22850061	9.79	454 3-	1/0 ACSR 6/1	0	0	0	0	3510	83	36	0.05	6.76	99
D22-85-P057+	22850062	9.79	5 1-	FUS	0	0	0	0	28	1	43	0.00	3.65	0
228500059+	D22-85-P057	9.84	5 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	3.65	0
228500060+	22850059	9.90	4 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	3.66	0
20852304+	22850060	10.09	4 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	3.66	0
20852139+	20852304	10.23	3 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	3.66	0
228600006+	20852139	10.49	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.66	0
228600007+	22860006	10.74	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.67	0
228600008+	20852139	10.27	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.66	0
228600003+	20852139	10.28	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.66	0
228500068+	22850062	9.87	449 3-	1/0 ACSR 6/1	0	0	0	0	3481	82	36	0.09	6.81	174
227500008+	22850068	9.96	448 3-	1/0 ACSR 6/1	0	0	0	0	3470	82	36	0.09	6.87	180

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D22-75-P002+	22750008	9.96	5 1-	FUS	0	0	0	0	33	2	51	0.00	3.70	0
22750016+	D22-75-P002	10.03	5 1-	2 ACSR 6/1	0	0	0	0	33	2	1	0.00	3.70	0
22750010+	22750016	10.11	4 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	3.70	0
22750011+	22750010	10.19	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	3.70	0
22750012+	22750011	10.27	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.70	0
22750013+	22750008	10.04	443 3-	1/0 ACSR 6/1	0	0	0	0	3435	81	35	0.10	6.93	189
22750004+	22750013	10.14	441 3-	1/0 ACSR 6/1	0	0	0	0	3426	81	35	0.10	6.99	203
22750005+	22750004	10.18	440 3-	1/0 ACSR 6/1	0	0	0	0	3417	81	35	0.05	7.02	100
22750007+	22750005	10.24	439 3-	1/0 ACSR 6/1	0	0	0	0	3411	80	35	0.06	7.06	119
D22-76-P001+	22750007	10.24	439 3-	ER3-RVE-200/100	0	0	0	0	3410	80	81	0.00	7.06	0
20850048+	D22-76-P001	10.27	439 3-	1/0 ACSR 6/1	0	0	0	0	3410	80	35	0.03	7.08	53
20850016+	20850048	10.36	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.78	0
20850047+	20850048	10.49	438 3-	1/0 ACSR 6/1	0	0	0	0	3404	80	35	0.25	7.23	479
20850017+	20850047	10.66	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	10.18	0
22760018+	20850047	10.55	438 3-	1/0 ACSR 6/1	0	0	0	0	3399	80	35	0.06	7.27	122
22760019+	22760018	10.59	438 3-	1/0 ACSR 6/1	0	0	0	0	3398	80	35	0.05	7.30	97
D22-76-P020+	22760019	10.59	5 1-	FUS	0	0	0	0	21	1	34	0.00	10.29	0
20850018+	D22-76-P020	10.61	5 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	10.29	0
20850019+	20850018	10.75	4 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	10.29	0
20850021+	20850019	10.85	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	10.29	0
20850020+	20850019	10.79	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	10.29	0
22760020+	22760019	10.66	433 3-	1/0 ACSR 6/1	0	0	0	0	3377	80	35	0.07	7.34	132
20850022+	22760020	10.69	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	10.36	0
22760045+	22760020	10.69	6 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	7.79	0
22760051+	22760045	10.83	5 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	7.80	0
22760052+	22760051	10.86	4 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	7.80	0
22760023+	22760020	10.77	426 3-	1/0 ACSR 6/1	0	0	0	0	3340	79	35	0.12	7.41	224
20850150+	22760023	10.79	425 3-	1/0 ACSR 6/1	0	0	0	0	3327	79	34	0.03	7.43	58
20850151+	20850150	10.91	424 3-	1/0 ACSR 6/1	0	0	0	0	3318	79	34	0.12	7.51	237
22760044+	20850151	10.96	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	7.96	0
22760029+	22760044	11.04	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	7.96	0
22760027+	20850151	10.94	423 3-	1/0 ACSR 6/1	0	0	0	0	3310	78	34	0.03	7.53	65
22760030+	22760027	11.08	422 3-	1/0 ACSR 6/1	0	0	0	0	3303	78	34	0.15	7.62	279
D22-76-P026+	22760030	11.08	1 1-	FUS-40	0	0	0	0	11	0	2	0.00	8.07	0
22760031+	D22-76-P026	11.18	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	8.07	0
22760032+	22760030	11.18	421 3-	1/0 ACSR 6/1	0	0	0	0	3290	78	34	0.10	7.68	197
22760033+	22760032	11.32	420 3-	1/0 ACSR 6/1	0	0	0	0	3287	78	34	0.16	7.78	295
D22-76-P029+	22760033	11.32	7 1-	FUS	0	0	0	0	28	1	45	0.00	8.22	0
22760048+	D22-76-P029	11.48	7 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	8.23	0
22660001+	22760048	11.54	7 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	8.23	0
22660009+	22660001	11.59	3 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	8.23	0
22660010+	22660009	11.66	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	8.23	0
22660002+	22660001	11.56	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	8.23	0
22660003+	22660002	11.58	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	8.23	0
22660004+	22660003	11.63	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	8.23	0
22760034+	22760033	11.40	412 3-	1/0 ACSR 6/1	0	0	0	0	3255	77	34	0.08	7.82	142
22760036+	22760034	11.43	411 3-	1/0 ACSR 6/1	0	0	0	0	3247	77	34	0.04	7.84	73
22760037+	22760036	11.50	409 3-	1/0 ACSR 6/1	0	0	0	0	3233	77	34	0.07	7.89	125
22760038+	22760037	11.58	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	11.26	0
22760021+	22760037	11.54	407 3-	1/0 ACSR 6/1	0	0	0	0	3224	77	34	0.04	7.91	78
22760028+	22760021	11.55	397 3-	1/0 ACSR 6/1	0	0	0	0	3170	75	33	0.01	7.92	17
22760043+	22760028	11.57	396 3-	1/0 ACSR 6/1	0	0	0	0	3168	75	33	0.03	7.93	48

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22760047+	22760043	11.61	396 3-	1/0 ACSR 6/1	0	0	0	0	3168	75	33	0.04	7.96	69
22770024+	22760047	11.66	2 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	11.37	0
22770022+	22770024	11.73	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	11.37	0
22770025+	22760047	11.72	386 3-	1/0 ACSR 6/1	0	0	0	0	3107	74	32	0.11	8.02	194
22770040+	22770025	11.79	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	8.46	0
22770026+	22770025	11.80	382 3-	1/0 ACSR 6/1	0	0	0	0	3083	73	32	0.09	8.07	153
22670052+	22770026	11.84	5 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.00	8.51	0
22670025+	22670052	11.87	3 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	8.51	0
22670026+	22670025	11.89	2 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	8.51	0
22670027+	22670026	11.97	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	8.51	0
22670083+	22670052	11.85	2 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	8.51	0
22670084+	22670083	11.89	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	8.51	0
22670014+	22770026	11.90	377 3-	1/0 ACSR 6/1	0	0	0	0	3046	72	32	0.10	8.13	169
22670018+	22670014	11.96	111 3-	1/0 ACSR 6/1	0	0	0	0	635	15	7	0.01	8.14	5
22770027+	22670018	11.98	109 3-	1/0 ACSR 6/1	0	0	0	0	613	14	6	0.00	8.14	1
D22-77-P142+	22770027	11.98	109 3-	REC-35-E	0	0	0	0	613	14	42	0.00	8.14	0
22770029+	D22-77-P142	12.00	109 3-	1/0 ACSR 6/1	0	0	0	0	613	14	6	0.00	8.14	1
22770030+	22770029	12.04	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	8.57	0
22770028+	22770029	12.12	107 3-	1/0 ACSR 6/1	0	0	0	0	605	14	6	0.02	8.16	8
20850307+	22770028	12.17	6 1-	2 ACSR 6/1	0	0	0	0	27	1	1	0.00	8.59	0
20850308+	20850307	12.19	4 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	8.59	0
20850306+	20850308	12.24	4 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	8.59	0
20850125+	22770028	12.14	101 3-	1/0 ACSR 6/1	0	0	0	0	578	13	6	0.00	8.16	1
20850336+	20850125	12.16	100 3-	1/0 ACSR 6/1	0	0	0	0	566	13	6	0.00	8.16	1
20850491+	20850336	12.24	99 3-	1/0 ACSR 6/1	0	0	0	0	560	13	6	0.02	8.17	5
20850492+	20850491	12.30	98 3-	1/0 ACSR 6/1	0	0	0	0	556	13	6	0.01	8.18	4
20850337+	20850492	12.33	97 3-	1/0 ACSR 6/1	0	0	0	0	548	13	6	0.01	8.18	2
20850431+	20850337	12.37	96 3-	1/0 ACSR 6/1	0	0	0	0	539	12	6	0.01	8.19	2
20850409+	20850431	12.39	96 3-	1/0 ACSR 6/1	0	0	0	0	539	12	6	0.01	8.19	2
20850410+	20850409	12.49	95 3-	1/0 ACSR 6/1	0	0	0	0	536	12	6	0.02	8.20	6
20850493+	20850410	12.53	94 3-	1/0 ACSR 6/1	0	0	0	0	529	12	6	0.01	8.20	2
20850494+	20850493	12.67	91 3-	1/0 ACSR 6/1	0	0	0	0	515	12	5	0.03	8.22	8
22770043+	20850494	12.84	91 3-	1/0 ACSR 6/1	0	0	0	0	515	12	5	0.03	8.24	9
22770044+	22770043	12.95	88 3-	1/0 ACSR 6/1	0	0	0	0	501	12	5	0.02	8.25	6
22770045+	22770044	13.02	2 1-	2 ACSR 6/1	0	0	0	0	14	1	1	0.00	8.66	0
22770046+	22770044	13.06	84 3-	1/0 ACSR 6/1	0	0	0	0	477	11	5	0.02	8.26	5
22770047+	22770046	13.11	17 1-	2 ACSR 6/1	0	0	0	0	90	6	3	0.00	4.21	0
22770033+	22770047	13.21	8 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	4.21	0
22770034+	22770033	13.26	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	4.21	0
22770035+	22770033	13.29	5 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	4.21	0
22770038+	22770035	13.35	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	4.21	0
22770039+	22770038	13.42	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	4.21	0
22770032+	22770035	13.40	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	4.21	0
22770048+	22770047	13.17	7 1-	2 ACSR 6/1	0	0	0	0	44	3	2	0.00	4.21	0
22770036+	22770048	13.20	6 1-	2 ACSR 6/1	0	0	0	0	34	2	1	0.00	4.21	0
22770037+	22770036	13.26	3 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	4.21	0
22770042+	22770036	13.26	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	4.21	0
22770041+	22770046	13.15	65 3-	1/0 ACSR 6/1	0	0	0	0	372	9	4	0.02	8.26	4
22780031+	22770041	13.22	64 3-	1/0 ACSR 6/1	0	0	0	0	364	8	4	0.01	8.27	3
D22-78-P009+	22780031	13.22	17 1-	FUS-25	0	0	0	0	86	6	28	0.00	8.68	0
22780017+	D22-78-P009	13.26	17 1-	2 ACSR 6/1	0	0	0	0	86	6	3	0.00	8.69	0
22780018+	22780017	13.32	16 1-	2 ACSR 6/1	0	0	0	0	81	5	3	0.01	8.69	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22780019+	22780018	13.37	14 1-	2 ACSR 6/1	0	0	0	0	72	5	3	0.00	8.70	0
22780020+	22780019	13.43	13 1-	2 ACSR 6/1	0	0	0	0	67	4	3	0.00	8.70	0
22780021+	22780020	13.47	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	8.70	0
22780022+	22780020	13.47	9 1-	2 ACSR 6/1	0	0	0	0	49	3	2	0.00	8.70	0
22780009+	22780022	13.51	7 1-	2 ACSR 6/1	0	0	0	0	41	2	2	0.00	8.71	0
22780010+	22780009	13.55	6 1-	2 ACSR 6/1	0	0	0	0	36	2	1	0.00	8.71	0
22780011+	22780010	13.60	5 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	8.71	0
22780012+	22780011	13.66	4 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	8.71	0
22780014+	22780012	13.73	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	8.71	0
22780013+	22780012	13.70	3 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	8.71	0
22780016+	22780013	13.74	3 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	8.71	0
22780023+	22780016	13.79	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	8.71	0
22780015+	22780013	13.79	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	8.71	0
22780030+	22780031	13.28	45 1-	2 ACSR 6/1	0	0	0	0	259	19	11	0.02	11.94	4
22780024+	22780030	13.48	43 1-	2 ACSR 6/1	0	0	0	0	244	18	10	0.05	12.00	11
22780025+	22780024	13.59	42 1-	2 ACSR 6/1	0	0	0	0	240	17	10	0.03	12.03	6
22780026+	22780025	13.66	41 1-	2 ACSR 6/1	0	0	0	0	235	17	10	0.02	12.04	3
22780027+	22780026	13.73	40 1-	2 ACSR 6/1	0	0	0	0	228	16	9	0.02	12.06	4
D22-78-P023+	22780027	13.73	40 1-	RBC-25-E	0	0	0	0	228	16	67	0.00	12.06	0
22780033+	D22-78-P023	13.76	40 1-	2 ACSR 6/1	0	0	0	0	228	16	9	0.01	12.07	1
22780032+	22780033	13.92	23 1-	2 ACSR 6/1	0	0	0	0	133	9	5	0.02	12.09	3
22770017+	22780032	14.00	22 1-	2 ACSR 6/1	0	0	0	0	131	9	5	0.01	12.11	1
20850124+	22770017	14.05	20 1-	2 ACSR 6/1	0	0	0	0	118	8	5	0.01	12.11	0
22770050+	20850124	14.11	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	12.11	0
22770015+	20850124	14.14	15 1-	2 ACSR 6/1	0	0	0	0	92	6	4	0.01	12.12	0
22870017+	22770015	14.22	14 1-	2 ACSR 6/1	0	0	0	0	84	6	3	0.01	12.13	0
22870018+	22870017	14.36	11 1-	2 ACSR 6/1	0	0	0	0	68	5	3	0.01	12.14	0
22870022+	22870018	14.42	7 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.00	12.14	0
22870023+	22870022	14.46	7 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.00	12.14	0
22870024+	22870023	14.51	7 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.00	12.14	0
22870025+	22870024	14.60	5 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	12.14	0
22870013+	22870025	14.80	4 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	12.15	0
22870026+	22870013	14.93	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	12.15	0
22870011+	22870026	15.09	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	12.15	0
22870030+	22870011	15.16	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	12.15	0
22870028+	22870030	15.26	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	12.15	0
22870029+	22870011	15.15	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	12.15	0
22870027+	22870026	14.99	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	12.15	0
22870012+	22870025	14.66	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	12.14	0
22870019+	22870018	14.44	2 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	12.14	0
22870020+	22870019	14.46	2 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	12.14	0
22870021+	22870020	14.51	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	12.14	0
22870010+	22870019	14.53	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	12.14	0
22870016+	22870017	14.30	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	12.13	0
22870014+	22870016	14.36	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	12.13	0
22870015+	22870017	14.26	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	12.13	0
22770018+	20850124	14.09	4 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	12.11	0
22770019+	22770018	14.14	4 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	12.11	0
D22-77-P038+	22770019	14.14	2 1-	FUS-20	0	0	0	0	9	0	4	0.00	12.11	0
22770020+	D22-77-P038	14.38	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	12.12	0
22770021+	22770020	14.42	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	12.12	0
22780035+	22780033	13.82	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	12.07	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22780028+	22780035	13.88	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	12.07	0
22780034+	22780033	13.81	14 1-	2 ACSR 6/1	0	0	0	0	83	6	3	0.01	12.07	0
22780029+	22780034	13.86	13 1-	2 ACSR 6/1	0	0	0	0	76	5	3	0.00	12.08	0
22780036+	22780029	13.92	12 1-	2 ACSR 6/1	0	0	0	0	67	4	3	0.00	12.08	0
22880007+	22780036	13.97	11 1-	2 ACSR 6/1	0	0	0	0	60	4	2	0.00	12.09	0
22880009+	22880007	14.02	9 1-	2 ACSR 6/1	0	0	0	0	48	3	2	0.00	12.09	0
22880011+	22880009	14.10	7 1-	2 ACSR 6/1	0	0	0	0	39	2	2	0.00	12.09	0
22880013+	22880011	14.29	6 1-	2 ACSR 6/1	0	0	0	0	30	2	1	0.01	12.10	0
22870032+	22880013	14.34	3 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	12.10	0
22870034+	22870032	14.41	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	12.10	0
22870033+	22870032	14.36	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	12.10	0
22880012+	22880011	14.19	1 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	12.09	0
22880010+	22880009	14.07	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	12.09	0
22880008+	22880007	14.02	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	12.09	0
22770016+	22770043	12.93	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	11.86	0
22770031+	22770016	12.98	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	11.86	0
22770014+	20850431	12.50	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	4.18	0
20850490+	20850336	12.21	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	8.59	0
22670024+	22670014	11.96	266 3-	1/0 ACSR 6/1	0	0	0	0	2409	57	25	0.05	8.16	64
22670023+	22670024	11.98	258 3-	1/0 ACSR 6/1	0	0	0	0	2364	56	25	0.02	8.17	23
22670021+	22670023	12.02	258 3-	1/0 ACSR 6/1	0	0	0	0	2364	56	25	0.04	8.19	48
22670049+	22670021	12.06	257 3-	1/0 ACSR 6/1	0	0	0	0	2363	56	25	0.03	8.21	40
22-67-P093-B+	22670049	12.06	257 3-	Closed	0	0	0	0	2363	56	0	0.00	8.21	0
22-67-P093-A+	22-67-P093-B	12.06	257 3-	Closed	0	0	0	0	2363	56	0	0.00	8.21	0
22670056+	22-67-P093-A	12.07	257 3-	1/0 ACSR 6/1	0	0	0	0	2363	56	25	0.01	8.21	8
22670057+	22670056	12.10	256 3-	1/0 ACSR 6/1	0	0	0	0	2358	56	25	0.03	8.23	39
D22-67-P011+	22670057	12.10	13 1-	FUS-50	0	0	0	0	74	5	12	0.00	11.84	0
22670079+	D22-67-P011	12.13	13 1-	2 ACSR 6/1	0	0	0	0	74	5	3	0.00	11.84	0
22670080+	22670079	12.17	12 1-	2 ACSR 6/1	0	0	0	0	67	4	3	0.00	11.84	0
22670055+	22670080	12.24	10 1-	2 ACSR 6/1	0	0	0	0	58	4	2	0.00	11.85	0
20850303+	22670055	12.28	3 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	11.85	0
20850304+	20850303	12.32	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	11.85	0
20850305+	20850304	12.38	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	11.85	0
20850302+	22670055	12.29	6 1-	2 ACSR 6/1	0	0	0	0	39	2	2	0.00	11.85	0
20850152+	20850302	12.34	4 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	11.85	0
20850154+	20850152	12.38	2 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	11.85	0
20850155+	20850154	12.42	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	11.85	0
20850153+	20850152	12.36	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	11.85	0
22670047+	22670057	12.13	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	8.65	0
22670048+	22670047	12.15	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	8.65	0
22670050+	22670057	12.19	240 3-	1/0 ACSR 6/1	0	0	0	0	2272	54	24	0.07	8.27	84
22670051+	22670050	12.20	238 3-	1/0 ACSR 6/1	0	0	0	0	2264	54	24	0.01	8.27	14
22670053+	22670051	12.22	236 3-	1/0 ACSR 6/1	0	0	0	0	2252	54	23	0.01	8.28	17
22670054+	22670053	12.29	234 3-	1/0 ACSR 6/1	0	0	0	0	2238	53	23	0.05	8.31	66
22670066+	22670054	12.34	9 1-	2 ACSR 6/1	0	0	0	0	49	3	2	0.00	8.72	0
22670059+	22670066	12.39	7 1-	2 ACSR 6/1	0	0	0	0	39	2	2	0.00	8.72	0
22670061+	22670059	12.42	3 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	8.72	0
22670046+	22670061	12.44	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	8.72	0
22670060+	22670059	12.43	2 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	8.72	0
22670067+	22670060	12.47	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	8.72	0
22670031+	22670054	12.34	218 3-	1/0 ACSR 6/1	0	0	0	0	2146	51	22	0.04	8.33	41
22670033+	22670031	12.39	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	8.74	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
22680041+	22680042	13.60	4 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	9.12	0
22680038+	22680041	13.64	3 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	9.12	0
22680039+	22680038	13.69	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	9.12	0
22680040+	22680042	13.55	158 3-	1/0 ACSR 6/1	0	0	0	0	1827	45	20	0.03	8.83	29
22680034+	22680040	13.68	157 3-	1/0 ACSR 6/1	0	0	0	0	1819	45	20	0.10	8.88	95
22680036+	22680034	13.82	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	9.17	0
22680023+	22680036	13.91	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.17	0
22680035+	22680034	13.74	154 3-	1/0 ACSR 6/1	0	0	0	0	1802	44	20	0.05	8.91	45
D22-68-P031+	22680035	13.74	2 1-	FUS	0	0	0	0	7	0	11	0.00	13.09	0
22680016+	D22-68-P031	13.85	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	13.09	0
22680025+	22680016	14.07	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	13.09	0
22680024+	22680016	13.96	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	13.09	0
22680030+	22680035	13.88	152 3-	1/0 ACSR 6/1	0	0	0	0	1795	44	19	0.11	8.96	101
22680031+	22680030	13.95	151 3-	1/0 ACSR 6/1	0	0	0	0	1785	44	19	0.05	8.99	50
22680033+	22680031	14.00	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	13.25	0
22680015+	22680031	14.29	151 3-	1/0 ACSR 6/1	0	0	0	0	1784	44	19	0.26	9.13	244
22580002+	22680015	14.38	151 3-	1/0 ACSR 6/1	0	0	0	0	1782	44	19	0.07	9.16	62
20852300+	22580002	14.40	5 3-	1/0 ACSR 6/1	0	0	0	0	935	23	10	0.00	9.16	3
20852301+	20852300	14.63	4 3-	1/0 ACSR 6/1	0	0	0	0	933	23	10	0.05	9.22	38
22690014+	20852301	14.70	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	13.63	0
22690015+	22690014	14.80	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	13.63	0
22690012+	20852301	14.68	2 3-	1/0 ACSR 6/1	0	0	0	0	924	23	10	0.01	9.23	8
22690013+	22690012	14.73	2 3-	1/0 ACSR 6/1	0	0	0	0	924	23	10	0.01	9.24	7
D22-69-P061+	22690013	14.73	2 3-	REC-35-E	0	0	0	0	923	23	67	0.00	9.24	0
22690001+	D22-69-P061	14.80	2 3-	1/0 ACSR 6/1	0	0	0	0	923	23	10	0.02	9.25	11
22690030+	22690001	14.80	2 3-	Consumer	0	0	0	0	923	23	0	0.00	9.25	0
22690002+	22690001	14.87	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.25	0
22690006+	22690002	14.88	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.25	0
22690007+	22690006	14.94	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.25	0
22690018+	22690007	14.98	0 3-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.25	0
22690011+	22690007	14.98	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.47	0
22690008+	22690007	14.98	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.25	0
22690009+	22690008	15.05	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.25	0
22690016+	22690009	15.08	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.25	0
22690017+	22690016	15.11	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	13.67	0
22690010+	22690017	15.18	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	13.67	0
22690003+	22690002	14.88	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.47	0
22690004+	22690003	14.89	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.47	0
22690005+	22690004	14.93	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.47	0
22590009+	22580002	14.43	146 3-	1/0 ACSR 6/1	0	0	0	0	847	20	9	0.02	9.17	12
D22-59-P008+	22590009	14.43	146 3-	REC-100-E	0	0	0	0	847	20	21	0.00	9.17	0
22590013+	D22-59-P008	14.46	146 3-	1/0 ACSR 6/1	0	0	0	0	847	20	9	0.02	9.17	10
D22-59-P007+	22590013	14.46	4 1-	FUS	0	0	0	0	24	1	40	0.00	9.38	0
22590012+	D22-59-P007	14.69	4 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.01	9.39	0
22580003+	22590012	14.77	3 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	9.39	0
20852303+	22580003	14.80	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.39	0
22590015+	22580003	14.81	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	9.39	0
20852207+	22590012	14.80	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	9.39	0
20852317+	20852207	14.85	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.39	0
20852318+	20852317	15.00	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.39	0
22590014+	22590013	14.49	142 3-	1/0 ACSR 6/1	0	0	0	0	822	20	9	0.02	9.18	8
20852302+	22590014	14.51	1 2-	1/0 ACSR 6/1	0	0	0	0	14	0	0	0.00	6.95	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22590010+	22590014	14.76	141 3-	1/0 ACSR 6/1	0	0	0	0	808	19	9	0.14	9.22	74
22590019+	22590010	14.83	141 3-	1/0 ACSR 6/1	0	0	0	0	808	19	9	0.03	9.23	17
22590020+	22590019	14.88	140 3-	1/0 ACSR 6/1	0	0	0	0	794	19	9	0.03	9.24	14
22590016+	22590020	15.03	139 3-	1/0 ACSR 6/1	0	0	0	0	782	19	8	0.08	9.27	41
22590017+	22590016	15.11	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	13.91	0
22590035+	22590017	15.16	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	13.91	0
22590034+	22590016	15.21	137 3-	1/0 ACSR 6/1	0	0	0	0	773	19	8	0.09	9.29	48
22590033+	22590034	15.25	136 3-	1/0 ACSR 6/1	0	0	0	0	768	19	8	0.02	9.30	11
22590032+	22590033	15.33	135 3-	1/0 ACSR 6/1	0	0	0	0	764	18	8	0.04	9.31	20
D22-59-P032+	22590032	15.33	1 1-	FUS	0	0	0	0	2	0	4	0.00	9.43	0
22590021+	D22-59-P032	15.71	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	9.43	0
22590022+	22590032	15.43	133 3-	1/0 ACSR 6/1	0	0	0	0	757	18	8	0.06	9.33	28
22590025+	22590022	15.50	127 3-	1/0 ACSR 6/1	0	0	0	0	727	18	8	0.03	9.34	15
22590026+	22590025	15.54	124 3-	1/0 ACSR 6/1	0	0	0	0	721	17	8	0.02	9.35	11
22590029+	22590026	15.62	123 3-	1/0 ACSR 6/1	0	0	0	0	714	17	8	0.04	9.36	18
20852315+	22590029	15.64	120 3-	1/0 ACSR 6/1	0	0	0	0	708	17	8	0.01	9.36	7
20852316+	20852315	15.72	117 3-	1/0 ACSR 6/1	0	0	0	0	700	17	8	0.04	9.37	17
22590031+	20852316	15.81	114 3-	1/0 ACSR 6/1	0	0	0	0	695	17	8	0.05	9.38	24
D23-52-P002+	22590031	15.81	4 1-	FUS	0	0	0	0	14	1	24	0.00	9.47	0
23520005+	D23-52-P002	15.96	4 1-	2 ACSR 6/1	0	0	0	0	14	1	1	0.00	9.47	0
22490016+	23520005	16.00	4 1-	2 ACSR 6/1	0	0	0	0	14	1	1	0.00	9.47	0
22490017+	22490016	16.16	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	9.47	0
22490014+	22490017	16.27	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	9.47	0
22490015+	22490014	16.33	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	9.47	0
23520003+	22590031	15.86	108 3-	1/0 ACSR 6/1	0	0	0	0	677	16	7	0.02	9.39	10
23520002+	23520003	15.99	105 3-	1/0 ACSR 6/1	0	0	0	0	671	16	7	0.06	9.41	32
23420007+	23520002	16.04	102 3-	1/0 ACSR 6/1	0	0	0	0	660	16	7	0.03	9.42	14
23420008+	23420007	16.09	98 3-	1/0 ACSR 6/1	0	0	0	0	641	16	7	0.02	9.42	11
23420006+	23420008	16.14	96 3-	1/0 ACSR 6/1	0	0	0	0	625	15	7	0.03	9.43	13
D23-42-P006+	23420006	16.14	1 1-	FUS	0	0	0	0	0	0	0	0.00	9.49	0
23420011+	D23-42-P006	16.18	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.49	0
23420005+	23420006	16.19	93 3-	1/0 ACSR 6/1	0	0	0	0	614	15	7	0.02	9.43	13
23420004+	23420005	16.22	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	14.50	0
23420001+	23420005	16.28	91 3-	1/0 ACSR 6/1	0	0	0	0	602	15	7	0.04	9.44	21
D23-42-P027+	23420001	16.28	91 1-	REC-70-E	0	0	0	0	602	45	65	0.00	14.54	0
23420009+	D23-42-P027	16.29	91 1-	2 ACSR 6/1	0	0	0	0	602	45	25	0.01	14.55	5
R23-42-P9+	23420009	16.29	91 1-	100	0	0	0	0	602	45	46	-11.14	3.41	0
23420002+	R23-42-P9	16.43	91 1-	2 ACSR 6/1	0	0	0	0	602	41	23	0.09	3.49	43
23420003+	23420002	17.23	91 1-	2 ACSR 6/1	0	0	0	0	602	41	23	0.50	4.00	240
23430004+	23420003	17.39	91 1-	2 ACSR 6/1	0	0	0	0	599	41	23	0.11	4.10	51
23430001+	23430004	17.70	89 1-	2 ACSR 6/1	0	0	0	0	583	40	22	0.19	4.29	86
23430002+	23430001	17.78	88 1-	2 ACSR 6/1	0	0	0	0	576	39	22	0.05	4.34	23
23430007+	23430002	18.16	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	4.34	0
23430006+	23430002	18.09	87 1-	2 ACSR 6/1	0	0	0	0	571	39	22	0.19	4.53	88
23330014+	23430006	18.17	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	4.53	0
23330006+	23430006	18.18	3 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	4.53	0
23330008+	23330006	18.24	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	4.53	0
23330007+	23330006	18.19	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	4.53	0
23330005+	23430006	18.18	83 1-	2 ACSR 6/1	0	0	0	0	539	37	21	0.05	4.58	21
23330012+	23330005	18.28	2 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	4.58	0
23330004+	23330005	18.25	81 1-	2 ACSR 6/1	0	0	0	0	522	36	20	0.04	4.61	16
D23-33-P008+	23330004	18.25	4 1-	FUS	0	0	0	0	25	1	39	0.00	4.61	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
23330009+	D23-33-P008	18.30	4 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	4.62	0
23330010+	23330009	18.36	3 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	4.62	0
23330011+	23330010	18.42	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	4.62	0
23330013+	23330011	18.48	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	4.62	0
23330003+	23330004	18.59	77 1-	2 ACSR 6/1	0	0	0	0	498	34	19	0.18	4.79	71
23340005+	23330003	18.74	2 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	4.80	0
23340015+	23340005	18.79	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	4.80	0
23340003+	23330003	18.65	75 1-	2 ACSR 6/1	0	0	0	0	477	33	18	0.03	4.83	12
D23-34-P043+	23340003	18.65	75 1-	REC-50-E	0	0	0	0	477	33	66	0.00	4.83	0
23340004+	D23-34-P043	18.68	75 1-	2 ACSR 6/1	0	0	0	0	477	33	18	0.01	4.84	6
23340006+	23340004	18.91	75 1-	2 ACSR 6/1	0	0	0	0	477	33	18	0.12	4.96	45
23340007+	23340006	19.01	74 1-	2 ACSR 6/1	0	0	0	0	476	33	18	0.05	5.01	20
23340008+	23340007	19.05	73 1-	2 ACSR 6/1	0	0	0	0	476	33	18	0.02	5.03	8
23340012+	23340008	19.21	73 1-	2 ACSR 6/1	0	0	0	0	476	33	18	0.08	5.11	31
23340013+	23340012	19.29	71 1-	2 ACSR 6/1	0	0	0	0	466	32	18	0.04	5.14	13
23340009+	23340013	19.66	70 1-	2 ACSR 6/1	0	0	0	0	456	31	18	0.18	5.32	66
23340011+	23340009	19.73	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	5.32	0
23340014+	23340009	19.73	67 1-	2 ACSR 6/1	0	0	0	0	441	30	17	0.04	5.36	13
23240002+	23340014	19.82	66 1-	2 ACSR 6/1	0	0	0	0	435	30	17	0.04	5.40	14
23240003+	23240002	19.88	65 1-	2 ACSR 6/1	0	0	0	0	429	29	17	0.03	5.43	10
23240001+	23240003	19.95	64 1-	2 ACSR 6/1	0	0	0	0	427	29	17	0.03	5.46	11
23250007+	23240001	20.20	64 1-	2 ACSR 6/1	0	0	0	0	427	29	17	0.11	5.57	38
23250016+	23250007	20.27	63 1-	2 ACSR 6/1	0	0	0	0	417	29	16	0.03	5.60	11
D23-25-P077+	23250016	20.27	10 1-	FUS	0	0	0	0	62	4	99	0.00	5.60	0
23250008+	D23-25-P077	20.33	10 1-	2 ACSR 6/1	0	0	0	0	62	4	2	0.00	5.60	0
23250017+	23250008	20.37	9 1-	2 ACSR 6/1	0	0	0	0	57	3	2	0.00	5.61	0
23250021+	23250017	20.48	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	5.61	0
23250022+	23250021	20.55	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	5.61	0
23250020+	23250017	20.46	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	5.61	0
23250019+	23250017	20.44	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	5.61	0
23250018+	23250017	20.48	6 1-	2 ACSR 6/1	0	0	0	0	41	2	2	0.00	5.61	0
23250013+	23250018	20.54	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	5.61	0
23250011+	23250018	20.59	5 1-	2 ACSR 6/1	0	0	0	0	32	2	1	0.00	5.61	0
23250012+	23250011	20.76	3 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	5.62	0
D23-25-P077A+	23250016	20.27	50 1-	FUS	0	0	0	0	338	23	537	0.00	5.60	0
23250009+	D23-25-P077A	20.32	50 1-	2 ACSR 6/1	0	0	0	0	338	23	13	0.02	5.62	5
23250014+	23250009	20.37	48 1-	2 ACSR 6/1	0	0	0	0	327	22	13	0.02	5.63	4
23250015+	23250014	20.45	47 1-	2 ACSR 6/1	0	0	0	0	322	22	13	0.03	5.66	7
23250010+	23250015	20.73	46 1-	2 ACSR 6/1	0	0	0	0	317	22	12	0.09	5.76	24
23250001+	23250010	20.86	45 1-	2 ACSR 6/1	0	0	0	0	309	21	12	0.04	5.80	10
23250002+	23250001	20.98	45 1-	2 ACSR 6/1	0	0	0	0	309	21	12	0.04	5.84	10
23250003+	23250002	21.28	45 1-	2 ACSR 6/1	0	0	0	0	308	21	12	0.09	5.93	24
23250005+	23250003	21.31	19 1-	2 ACSR 6/1	0	0	0	0	127	8	5	0.00	5.94	0
23250023+	23250005	21.34	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	5.94	0
23250006+	23250005	21.39	16 1-	2 ACSR 6/1	0	0	0	0	106	7	4	0.01	5.94	0
23260019+	23250006	21.43	13 1-	2 ACSR 6/1	0	0	0	0	78	5	3	0.00	5.95	0
23260016+	23260019	21.46	4 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	5.95	0
23260017+	23260016	21.52	3 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	5.95	0
23260014+	23260019	21.49	6 1-	2 ACSR 6/1	0	0	0	0	42	2	2	0.00	5.95	0
23260015+	23260014	21.51	3 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	5.95	0
23260013+	23260015	21.55	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	5.95	0
23260018+	23250006	21.41	1 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	5.95	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
23250004+	23250003	21.39	25 1-	2 ACSR 6/1	0	0	0	0	172	12	7	0.02	5.95	3
23260005+	23250004	21.44	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	5.95	0
23260003+	23250004	21.45	24 1-	2 ACSR 6/1	0	0	0	0	168	11	7	0.01	5.96	1
23260012+	23260003	21.48	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	5.96	0
23260027+	23260003	21.50	9 1-	2 ACSR 6/1	0	0	0	0	65	4	3	0.00	5.97	0
23260026+	23260027	21.65	5 1-	2 ACSR 6/1	0	0	0	0	36	2	1	0.00	5.97	0
23260006+	23260026	21.71	3 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	5.97	0
23260007+	23260006	21.76	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	5.97	0
23260025+	23260027	21.55	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	5.97	0
23260024+	23260027	21.54	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	5.97	0
23260004+	23260003	21.47	14 1-	2 ACSR 6/1	0	0	0	0	95	6	4	0.00	5.97	0
23260011+	23260004	21.51	2 1-	2 ACSR 6/1	0	0	0	0	14	1	1	0.00	5.97	0
23260009+	23260004	21.50	12 1-	2 ACSR 6/1	0	0	0	0	81	5	3	0.00	5.97	0
23260010+	23260009	21.54	9 1-	2 ACSR 6/1	0	0	0	0	70	4	3	0.00	5.97	0
23260023+	23260010	21.60	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	5.97	0
23260020+	23260010	21.56	6 1-	2 ACSR 6/1	0	0	0	0	47	3	2	0.00	5.97	0
23260008+	23260020	21.60	2 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	5.97	0
23260022+	23260020	21.62	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	5.97	0
23260021+	23260020	21.60	2 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	5.97	0
23340010+	23340009	19.70	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	5.32	0
23430005+	23430004	17.53	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	4.10	0
23430003+	23430004	17.46	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	4.10	0
20852209+	22590029	15.68	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	14.21	0
20852299+	20852209	15.71	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	14.21	0
22590030+	20852209	15.91	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	14.21	0
20852208+	22590029	15.70	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	9.45	0
20852298+	20852208	15.78	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	9.45	0
22590011+	20852208	15.78	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	9.45	0
22590023+	22590022	15.49	4 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	14.12	0
22590027+	22590023	15.52	3 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	14.13	0
22590028+	22590027	15.56	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	14.13	0
22590024+	22590023	15.56	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	14.12	0
22590018+	22590010	14.82	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	13.77	0
22680037+	22680040	13.69	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	9.13	0
22680032+	22680046	13.32	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	12.70	0
22670019+	22670043	12.94	3 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	8.91	0
22670020+	22670019	12.99	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	8.92	0
22670070+	22670020	13.09	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	8.92	0
22670045+	22670054	12.33	5 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.00	11.98	0
22670065+	22670045	12.37	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	11.98	0
22670085+	22670065	12.43	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	11.98	0
22670022+	22670024	12.01	6 1-	2 ACSR 6/1	0	0	0	0	41	2	2	0.00	8.59	0
22670028+	22670022	12.05	5 1-	2 ACSR 6/1	0	0	0	0	34	2	1	0.00	8.59	0
22670029+	22670028	12.08	4 1-	2 ACSR 6/1	0	0	0	0	27	1	1	0.00	8.59	0
22670030+	22670029	12.11	2 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	8.59	0
22670058+	22670029	12.13	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	8.59	0
22770023+	22760047	11.68	6 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	8.40	0
22660008+	22770023	11.74	4 1-	2 ACSR 6/1	0	0	0	0	27	1	1	0.00	8.40	0
22660006+	22660008	11.80	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	8.40	0
22660007+	22660006	11.88	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	8.40	0
22660005+	22660008	11.80	3 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	8.40	0
22760039+	22760021	11.60	10 1-	2 ACSR 6/1	0	0	0	0	54	3	2	0.00	11.30	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22760040+	22760039	11.64	8 1-	2 ACSR 6/1	0	0	0	0	46	3	2	0.00	11.31	0
22760041+	22760040	11.71	6 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	11.31	0
20850012+	22760041	11.77	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	11.31	0
22760042+	22760041	11.82	4 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	11.31	0
20850187+	22760042	12.00	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	11.31	0
20850013+	22760042	12.08	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	11.31	0
20850039+	20850013	12.16	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	11.31	0
22760025+	20850039	12.24	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	11.31	0
22760026+	22760025	12.34	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	11.31	0
22760022+	20850039	12.20	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	11.31	0
22760024+	22760022	12.25	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	11.31	0
20850040+	22760022	12.26	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	11.31	0
22760035+	22760034	11.48	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	11.15	0
22760046+	22760023	10.81	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	10.48	0
22750006+	22750005	10.24	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	7.48	0
22750015+	22750013	10.08	1 3-	1/0 ACSR 6/1	0	0	0	0	6	0	0	0.00	6.93	0
22850024+	22850049	9.47	4 3-	1/0 ACSR 6/1	0	0	0	0	90	2	1	0.00	6.50	0
22850031+	22850024	9.52	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.50	0
20850109+	22850031	9.54	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.50	0
D22-85-P031+	20850109	9.54	0 1-	FUS-20	0	0	0	0	0	0	0	0.00	8.99	0
22850035+	D22-85-P031	9.60	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	8.99	0
22850086+	22850035	9.64	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	8.99	0
20850106+	22850024	9.49	3 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	3.54	0
20850107+	20850106	9.53	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.54	0
22850051+	22850024	9.51	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.97	0
22850052+	22850051	9.58	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.97	0
22850053+	22850052	9.62	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.97	0
22850050+	22850049	9.53	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	6.97	0
22850044+	22850043	9.19	2 3-	1/0 ACSR 6/1	0	0	0	0	111	2	1	0.00	6.30	0
22850750+	22850044	9.19	2 3-	Consumer	0	0	0	0	111	2	0	0.00	6.30	0
22850045+	22850044	9.20	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.30	0
20850100+	22850045	9.22	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.30	0
20850101+	20850100	9.26	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.30	0
22850046+	20850101	9.30	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.30	0
20850102+	20850100	9.25	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	6.30	0
22850028+	22850027	9.04	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	8.50	0
20850114+	22840060	8.67	205 3-	1/0 ACSR 6/1	0	0	0	0	890	20	9	0.02	5.85	10
D22-85-P007+	20850114	8.67	202 3-	REC-50-E	0	0	0	0	881	20	41	0.00	5.85	0
22850025+	D22-85-P007	8.87	202 3-	1/0 ACSR 6/1	0	0	0	0	881	20	9	0.07	5.89	31
D22-85-P005+	22850025	8.87	17 1-	FUS-30	0	0	0	0	121	8	31	0.00	3.26	0
20850108+	D22-85-P005	9.02	17 1-	2 ACSR 6/1	0	0	0	0	121	8	5	0.02	3.27	2
20852138+	20850108	9.11	16 1-	2 ACSR 6/1	0	0	0	0	112	7	4	0.01	3.28	0
20852185+	20852138	9.18	1 1-	2 ACSR 6/1	0	0	0	0	27	1	1	0.00	3.29	0
22850030+	20852138	9.18	11 1-	2 ACSR 6/1	0	0	0	0	56	3	2	0.00	3.29	0
22950002+	22850030	9.26	9 1-	2 ACSR 6/1	0	0	0	0	41	2	2	0.00	3.29	0
22950003+	22950002	9.35	6 1-	2 ACSR 6/1	0	0	0	0	29	1	1	0.00	3.29	0
22950004+	22950003	9.41	5 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	3.29	0
22950005+	22950004	9.47	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.30	0
22950006+	22950004	9.45	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.29	0
22950001+	22850030	9.22	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.29	0
22850029+	20852138	9.21	3 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.29	0
20850115+	22850025	8.98	184 3-	1/0 ACSR 6/1	0	0	0	0	755	17	8	0.03	5.90	12

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D22-85-P172+	20850115	8.98	6 1-	FUS-30	0	0	0	0	28	1	7	0.00	8.12	0
22850077+	D22-85-P172	9.09	6 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	8.12	0
22840016+	22850077	9.15	4 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	8.12	0
22840057+	22840016	9.24	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	8.12	0
22840058+	22840057	9.30	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	8.12	0
22840064+	22840058	9.39	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	8.12	0
22840063+	22840058	9.36	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	8.12	0
22850066+	20850115	9.03	176 3-	1/0 ACSR 6/1	0	0	0	0	714	16	7	0.01	5.91	5
22940009+	22850066	9.18	175 3-	1/0 ACSR 6/1	0	0	0	0	703	16	7	0.04	5.93	15
22940042+	22940009	9.37	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	8.17	0
22840017+	22940042	9.43	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	8.17	0
22940008+	22940009	9.25	172 3-	1/0 ACSR 6/1	0	0	0	0	689	16	7	0.02	5.94	8
22940030+	22940008	9.33	123 3-	1/0 ACSR 6/1	0	0	0	0	494	11	5	0.02	5.95	6
22940032+	22940030	9.50	121 3-	1/0 ACSR 6/1	0	0	0	0	480	11	5	0.04	5.97	14
22940041+	22940032	9.56	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	6.38	0
22940028+	22940032	9.57	1 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	6.38	0
22940027+	22940032	9.65	118 3-	1/0 ACSR 6/1	0	0	0	0	454	10	5	0.04	5.98	11
28040006+	22940027	9.74	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	8.29	0
28040007+	28040006	9.80	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	8.29	0
28040008+	28040007	9.93	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	8.29	0
28040005+	22940027	9.67	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	6.40	0
28040014+	22940027	9.74	115 3-	1/0 ACSR 6/1	0	0	0	0	441	10	5	0.02	5.99	7
28040016+	28040014	9.96	113 3-	1/0 ACSR 6/1	0	0	0	0	433	10	4	0.05	6.00	16
28050044+	28040016	10.16	110 3-	1/0 ACSR 6/1	0	0	0	0	425	10	4	0.05	6.02	15
28150018+	28050044	10.23	21 1-	2 ACSR 6/1	0	0	0	0	67	4	3	0.01	6.45	0
D28-05-P007+	28150018	10.23	21 1-	REC-25-E	0	0	0	0	67	4	19	0.00	6.45	0
28050027+	D28-05-P007	10.27	21 1-	2 ACSR 6/1	0	0	0	0	67	4	3	0.00	6.46	0
28050028+	28050027	10.30	19 1-	2 ACSR 6/1	0	0	0	0	60	4	2	0.00	6.46	0
28050029+	28050028	10.39	17 1-	2 ACSR 6/1	0	0	0	0	52	3	2	0.00	6.46	0
28050034+	28050029	10.50	15 1-	2 ACSR 6/1	0	0	0	0	51	3	2	0.01	6.47	0
28050036+	28050034	10.59	11 1-	2 ACSR 6/1	0	0	0	0	33	2	1	0.00	6.47	0
28050038+	28050036	10.63	10 1-	2 ACSR 6/1	0	0	0	0	27	1	1	0.00	6.47	0
28050039+	28050038	10.67	9 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	6.47	0
28050040+	28050039	10.72	4 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	6.48	0
28050033+	28050040	10.76	2 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	6.48	0
28050043+	28050033	10.84	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	6.48	0
D28-05-P022+	28050043	10.84	1 1-	FUS	0	0	0	0	8	0	12	0.00	6.48	0
28050047+	D28-05-P022	11.36	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	6.48	0
28050030+	28050033	10.82	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	6.48	0
28050045+	28050039	10.79	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	6.48	0
28050046+	28050045	10.84	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	6.48	0
28050041+	28050046	10.88	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	6.48	0
28050042+	28050041	10.92	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	6.48	0
28050032+	28050046	10.96	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	6.48	0
28050037+	28050036	10.68	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	6.47	0
28050035+	28050034	10.56	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	6.47	0
28050031+	28050034	10.58	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	6.47	0
28150017+	28050044	10.26	88 1-	2 ACSR 6/1	0	0	0	0	357	25	14	0.04	8.46	12
D28-15-P051+	28150017	10.26	87 1-	REC-25-E	0	0	0	0	353	25	101	0.00	8.46	0
28150028+	D28-15-P051	10.32	87 1-	2 ACSR 6/1	0	0	0	0	353	25	14	0.02	8.48	6
28150027+	28150028	10.39	79 1-	2 ACSR 6/1	0	0	0	0	316	22	13	0.03	8.50	7
28150030+	28150027	10.47	78 1-	2 ACSR 6/1	0	0	0	0	310	22	12	0.03	8.53	7

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
28150031+	28150030	10.56	78 1-	2 ACSR 6/1	0	0	0	0	310	22	12	0.03	8.56	8
28150032+	28150031	10.94	78 1-	2 ACSR 6/1	0	0	0	0	310	22	12	0.13	8.69	33
28150019+	28150032	11.06	76 1-	2 ACSR 6/1	0	0	0	0	298	21	12	0.04	8.73	9
28150020+	28150019	11.16	72 1-	2 ACSR 6/1	0	0	0	0	287	20	11	0.03	8.76	8
28150029+	28150020	11.27	72 1-	2 ACSR 6/1	0	0	0	0	287	20	11	0.03	8.79	8
28250031+	28150029	11.43	69 1-	2 ACSR 6/1	0	0	0	0	277	19	11	0.05	8.84	11
28250032+	28250031	11.53	69 1-	2 ACSR 6/1	0	0	0	0	277	19	11	0.03	8.87	7
28250025+	28250032	11.54	62 1-	2 ACSR 6/1	0	0	0	0	241	17	10	0.00	8.87	0
28250026+	28250025	11.62	59 1-	2 ACSR 6/1	0	0	0	0	234	16	9	0.02	8.89	4
28250028+	28250026	11.74	57 1-	2 ACSR 6/1	0	0	0	0	226	16	9	0.03	8.92	5
28250040+	28250028	11.79	55 1-	2 ACSR 6/1	0	0	0	0	220	15	9	0.01	8.93	2
28250041+	28250040	11.94	55 1-	2 ACSR 6/1	0	0	0	0	220	15	9	0.04	8.97	7
28250022+	28250041	12.01	54 1-	2 ACSR 6/1	0	0	0	0	217	15	9	0.01	8.98	3
28250023+	28250022	12.10	52 1-	2 ACSR 6/1	0	0	0	0	214	15	9	0.02	9.01	4
28250029+	28250023	12.15	51 1-	2 ACSR 6/1	0	0	0	0	206	14	8	0.01	9.02	2
28250030+	28250029	12.22	49 1-	2 ACSR 6/1	0	0	0	0	202	14	8	0.02	9.03	3
28250036+	28250030	12.30	43 1-	2 ACSR 6/1	0	0	0	0	181	13	7	0.02	9.05	2
28250037+	28250036	12.35	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	9.05	0
28250035+	28250036	12.38	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	9.05	0
28250034+	28250036	12.40	39 1-	2 ACSR 6/1	0	0	0	0	173	12	7	0.02	9.07	3
D28-35-P004+	28250034	12.40	3 1-	FUS	0	0	0	0	13	0	22	0.00	9.07	0
28350015+	D28-35-P004	12.42	3 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	9.07	0
28350032+	28350015	12.97	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.01	9.07	0
28240001+	28350032	13.03	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	9.07	0
28240002+	28240001	13.38	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	9.08	0
28250039+	28240002	13.55	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	9.08	0
28250038+	28250039	13.60	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	9.08	0
28350024+	28250034	12.41	36 1-	2 ACSR 6/1	0	0	0	0	159	11	6	0.00	9.07	0
28-35-P004-B+	28350024	12.41	36 1-	Closed	0	0	0	0	159	11	0	0.00	9.07	0
28-35-P004-A+	28-35-P004-B	12.41	36 1-	Closed	0	0	0	0	159	11	0	0.00	9.07	0
28350025+	28-35-P004-A	12.45	36 1-	2 ACSR 6/1	0	0	0	0	159	11	6	0.01	9.07	0
28350018+	28350025	12.51	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	9.08	0
28350029+	28350025	12.50	34 1-	2 ACSR 6/1	0	0	0	0	148	10	6	0.01	9.08	0
28350030+	28350029	12.55	32 1-	2 ACSR 6/1	0	0	0	0	140	10	6	0.01	9.09	0
28350036+	28350030	12.58	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	9.09	0
28350033+	28350030	12.61	5 1-	2 ACSR 6/1	0	0	0	0	30	2	1	0.00	9.09	0
28350034+	28350033	12.69	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	9.09	0
28350019+	28350030	12.60	25 1-	2 ACSR 6/1	0	0	0	0	105	7	4	0.01	9.10	0
28350031+	28350019	12.68	18 1-	2 ACSR 6/1	0	0	0	0	77	5	3	0.01	9.10	0
28350026+	28350031	12.75	14 1-	2 ACSR 6/1	0	0	0	0	66	4	3	0.00	9.11	0
28350028+	28350026	12.91	6 1-	2 ACSR 6/1	0	0	0	0	27	1	1	0.00	9.11	0
28350023+	28350028	12.96	4 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	9.11	0
28350035+	28350028	13.02	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	9.11	0
28350027+	28350026	12.80	4 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	9.11	0
28350021+	28350027	12.84	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	9.11	0
28350022+	28350021	12.88	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	9.11	0
28350020+	28350027	12.87	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	9.11	0
28350001+	28350019	12.62	4 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	9.10	0
28350016+	28350019	12.62	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	9.10	0
28350017+	28350016	12.86	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	9.10	0
28250042+	28250030	12.26	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	9.03	0
28250033+	28250042	12.44	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	9.03	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
28250024+	28250030	12.26	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	9.03	0
28250027+	28250026	11.73	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	8.89	0
28250019+	28250032	11.55	7 1-	2 ACSR 6/1	0	0	0	0	36	2	1	0.00	8.87	0
28250020+	28250019	11.57	4 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	8.87	0
28250021+	28250020	11.63	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	8.87	0
28150025+	28150027	10.52	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	8.50	0
28150026+	28150028	10.37	4 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	8.48	0
28150014+	28150026	10.41	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	8.48	0
28150021+	28150028	10.36	3 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	8.48	0
28150022+	28150021	10.44	2 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	8.48	0
28150023+	28150022	10.49	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	8.48	0
28150024+	28150023	10.54	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	8.48	0
28150016+	28150024	10.65	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	8.48	0
28150015+	28150024	10.68	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	8.48	0
28050025+	28040016	10.06	3 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	6.43	0
28050026+	28050025	10.12	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	6.43	0
28040015+	28040014	9.78	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	6.41	0
22940031+	22940030	9.37	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.27	0
22940029+	22940008	9.34	49 1-	2 ACSR 6/1	0	0	0	0	195	13	7	0.02	3.30	2
22940033+	22940029	9.40	47 1-	2 ACSR 6/1	0	0	0	0	184	12	7	0.01	3.31	2
22940035+	22940033	9.43	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.31	0
22940034+	22940033	9.50	46 1-	2 ACSR 6/1	0	0	0	0	180	12	7	0.02	3.33	3
D22-94-P020+	22940034	9.50	46 1-	REC-25-E	0	0	0	0	180	12	49	0.00	3.33	0
22940007+	D22-94-P020	9.54	46 1-	2 ACSR 6/1	0	0	0	0	180	12	7	0.01	3.33	0
22940012+	22940007	9.56	31 1-	2 ACSR 6/1	0	0	0	0	116	7	4	0.00	3.34	0
22940014+	22940012	9.59	29 1-	2 ACSR 6/1	0	0	0	0	107	7	4	0.00	3.34	0
22940015+	22940014	9.68	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.34	0
22940013+	22940014	9.73	27 1-	2 ACSR 6/1	0	0	0	0	101	6	4	0.01	3.36	1
22840020+	22940013	9.91	1 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.36	0
22840008+	22940013	9.82	26 1-	2 ACSR 6/1	0	0	0	0	91	6	3	0.01	3.36	0
22940020+	22840008	9.85	24 1-	2 ACSR 6/1	0	0	0	0	81	5	3	0.00	3.37	0
22940021+	22940020	9.99	23 1-	2 ACSR 6/1	0	0	0	0	81	5	3	0.01	3.38	0
22940022+	22940021	10.03	22 1-	2 ACSR 6/1	0	0	0	0	77	5	3	0.00	3.38	0
22940024+	22940022	10.24	20 1-	2 ACSR 6/1	0	0	0	0	71	4	3	0.01	3.40	0
22940025+	22940024	10.29	19 1-	2 ACSR 6/1	0	0	0	0	65	4	2	0.00	3.40	0
22940023+	22940025	10.43	17 1-	2 ACSR 6/1	0	0	0	0	63	4	2	0.01	3.41	0
22940044+	22940023	10.51	2 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.41	0
22940047+	22940044	10.57	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.41	0
22940046+	22940044	10.58	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.41	0
22940043+	22940023	10.63	14 1-	2 ACSR 6/1	0	0	0	0	46	3	2	0.01	3.42	0
28040017+	22940043	10.77	14 1-	2 ACSR 6/1	0	0	0	0	46	3	2	0.01	3.43	0
28040018+	28040017	10.97	14 1-	2 ACSR 6/1	0	0	0	0	46	3	2	0.01	3.43	0
28040004+	28040018	11.07	1 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.44	0
28040003+	28040018	11.34	13 1-	2 ACSR 6/1	0	0	0	0	36	2	1	0.01	3.45	0
20851709+	28040003	11.41	12 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	3.45	0
20851711+	20851709	11.46	4 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.45	0
28140003+	20851711	11.49	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.45	0
28140004+	28140003	11.51	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.45	0
20851710+	20851709	11.46	7 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	3.45	0
20851683+	20851710	11.75	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.45	0
28140002+	20851710	11.66	6 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	3.46	0
20851684+	28140002	11.76	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.46	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851641+	28140002	11.77	4 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.46	0
20851712+	20851641	11.84	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.46	0
20851713+	20851712	11.90	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.46	0
20851640+	28140002	11.74	1 1-	2 ACSR 6/1	0	0	0	1	2	0	0	0.00	3.46	0
20851293+	28040003	11.42	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.45	0
22940017+	22940022	10.08	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.38	0
22940019+	22940017	10.12	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.38	0
22940018+	22940017	10.50	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.38	0
22940016+	22840008	9.88	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.36	0
22940036+	22940007	9.60	13 1-	2 ACSR 6/1	0	0	0	0	55	3	2	0.00	3.34	0
22940037+	22940036	9.65	11 1-	2 ACSR 6/1	0	0	0	0	49	3	2	0.00	3.34	0
22940038+	22940037	9.70	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.34	0
22940010+	22940037	9.69	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	3.34	0
22940011+	22940037	9.72	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.34	0
22940039+	22940037	9.71	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.34	0
22940040+	22940039	9.77	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.34	0
22940026+	22940007	9.57	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.33	0
22850041+	20850114	8.77	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	8.02	0
22840015+	22850041	8.80	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	8.02	0
22630006+	22630012	4.99	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.27	0
22630011+	22630010	4.88	2 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	1.65	0
22630015+	22630011	4.93	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.65	0
22630007+	22630011	4.92	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	1.65	0
22540036+	22540032	4.17	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.51	0
22330013+	22330011	1.43	219 3-	1/0 ACSR 6/1	0	0	0	0	1069	23	10	0.00	1.06	2
D22-33-P024+	22330013	1.43	219 3-	REC-100-E	0	0	0	0	1069	23	24	0.00	1.06	0
22330029+	D22-33-P024	1.61	219 3-	1/0 ACSR 6/1	0	0	0	0	1069	23	10	0.02	1.08	28
22330047+	22330029	1.65	218 3-	1/0 ACSR 6/1	0	0	0	0	1043	23	10	0.01	1.09	7
22330049+	22330047	1.69	1 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	1.42	0
22330050+	22330049	1.71	1 1-	25 KV 1/0 URD X	0	0	0	0	10	0	0	0.00	1.42	0
22330048+	22330047	1.74	217 3-	1/0 ACSR 6/1	0	0	0	0	1033	23	10	0.01	1.10	14
22330034+	22330048	1.82	216 3-	1/0 ACSR 6/1	0	0	0	0	1030	23	10	0.01	1.11	12
22330035+	22330034	1.91	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.18	0
22330010+	22330034	1.89	214 3-	1/0 ACSR 6/1	0	0	0	0	1023	22	10	0.01	1.13	11
22340013+	22330010	1.95	213 3-	1/0 ACSR 6/1	0	0	0	0	1018	22	10	0.01	1.13	9
22340014+	22340013	2.04	212 3-	1/0 ACSR 6/1	0	0	0	0	1012	22	10	0.01	1.15	12
22340015+	22340014	2.08	210 3-	1/0 ACSR 6/1	0	0	0	0	1004	22	10	0.01	1.15	7
D22-24-P045+	22340015	2.08	4 1-	FUS	0	0	0	0	13	0	19	0.00	1.47	0
22240049+	D22-24-P045	2.13	4 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	1.47	0
22240016+	22240049	2.27	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	1.47	0
22240054+	22240016	2.36	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.47	0
22240055+	22240054	2.54	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.47	0
22240056+	22240055	2.61	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.47	0
22240053+	22240056	2.72	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.47	0
22240017+	22240016	2.38	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.47	0
22240032+	22340015	2.14	206 3-	1/0 ACSR 6/1	0	0	0	0	991	22	10	0.01	1.16	8
22240033+	22240032	2.22	204 3-	1/0 ACSR 6/1	0	0	0	0	984	22	10	0.01	1.17	12
22240018+	22240033	2.28	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.25	0
22240008+	22240033	2.29	203 3-	1/0 ACSR 6/1	0	0	0	0	981	22	10	0.01	1.18	9
22240035+	22240008	2.35	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.26	0
22240020+	22240008	2.31	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.49	0
22240034+	22240020	2.37	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.49	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22240019+	22240008	2.32	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.49	0
22240009+	22240008	2.36	198 3-	1/0 ACSR 6/1	0	0	0	0	969	21	9	0.01	1.19	9
22240021+	22240009	2.41	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.49	0
22240010+	22240009	2.42	197 3-	1/0 ACSR 6/1	0	0	0	0	960	21	9	0.01	1.20	8
22240036+	22240010	2.46	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.50	0
22240022+	22240010	2.49	195 3-	1/0 ACSR 6/1	0	0	0	0	952	21	9	0.01	1.21	9
22240023+	22240022	2.57	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.51	0
22240014+	22240022	2.58	193 3-	1/0 ACSR 6/1	0	0	0	0	948	21	9	0.01	1.22	13
22240024+	22240014	2.65	191 3-	1/0 ACSR 6/1	0	0	0	0	936	21	9	0.01	1.23	8
22240025+	22240024	2.71	190 3-	1/0 ACSR 6/1	0	0	0	0	934	21	9	0.00	1.24	8
22240037+	22240025	2.74	187 3-	1/0 ACSR 6/1	0	0	0	0	927	20	9	0.00	1.24	4
22240041+	22240037	2.83	171 3-	1/0 ACSR 6/1	0	0	0	0	863	19	9	0.01	1.25	10
22240050+	22240041	2.91	169 3-	1/0 ACSR 6/1	0	0	0	0	855	19	8	0.00	1.26	9
22240002+	22240050	2.98	2 3-	2 ACSR 6/1	0	0	0	0	160	3	2	0.00	1.27	0
22240210+	22240002	2.98	2 3-	Consumer	0	0	0	0	160	3	0	0.00	1.27	0
22240052+	22240050	2.98	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.54	0
22240051+	22240050	3.00	166 3-	1/0 ACSR 6/1	0	0	0	0	694	16	7	0.00	1.27	7
22240026+	22240051	3.04	165 3-	1/0 ACSR 6/1	0	0	0	0	690	16	7	0.00	1.27	4
22240042+	22240026	3.09	165 3-	1/0 ACSR 6/1	0	0	0	0	690	16	7	0.00	1.28	3
22240043+	22240042	3.24	164 3-	1/0 ACSR 6/1	0	0	0	0	688	16	7	0.00	1.29	13
22240044+	22240043	3.30	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.55	0
22240027+	22240043	3.32	4 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	1.44	0
22240028+	22240027	3.36	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.44	0
22240011+	22240043	3.32	158 3-	1/0 ACSR 6/1	0	0	0	0	667	15	7	0.00	1.30	6
22240057+	22240011	3.49	157 3-	1/0 ACSR 6/1	0	0	0	0	658	15	7	0.00	1.31	13
22140016+	22240057	3.57	157 3-	1/0 ACSR 6/1	0	0	0	0	658	15	7	0.00	1.32	6
22140019+	22140016	3.62	12 1-	2 ACSR 6/1	0	0	0	0	33	2	1	0.00	1.49	0
22140020+	22140019	3.78	12 1-	2 ACSR 6/1	0	0	0	0	33	2	1	0.01	1.50	0
22150028+	22140020	3.86	7 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	1.50	0
22150029+	22150028	3.94	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.50	0
22150026+	22140020	3.84	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.50	0
22140017+	22140016	3.63	145 3-	1/0 ACSR 6/1	0	0	0	0	625	14	6	0.00	1.32	4
22140018+	22140017	3.67	145 3-	1/0 ACSR 6/1	0	0	0	0	625	14	6	0.00	1.32	3
22-14-P011-B+	22140018	3.67	145 3-	Closed	0	0	0	0	625	14	0	0.00	1.32	0
22-14-P011-A+	22140018	3.67	145 3-	Closed	0	0	0	0	625	14	0	0.00	1.32	0
22140010+	22-14-P011-A	4.08	145 3-	1/0 ACSR 6/1	0	0	0	0	625	14	6	0.01	1.35	26
22150027+	22140010	4.15	142 3-	1/0 ACSR 6/1	0	0	0	0	618	14	6	0.00	1.36	5
22150015+	22150027	4.24	141 3-	1/0 ACSR 6/1	0	0	0	0	614	14	6	0.00	1.36	5
22150014+	22150015	4.33	139 3-	1/0 ACSR 6/1	0	0	0	0	612	14	6	0.00	1.37	6
22150024+	22150014	4.37	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.58	0
22150025+	22150024	4.43	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.58	0
22150012+	22150014	4.38	136 3-	1/0 ACSR 6/1	0	0	0	0	606	14	6	0.00	1.37	4
22150023+	22150012	4.42	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.58	0
22150022+	22150012	4.43	136 3-	1/0 ACSR 6/1	0	0	0	0	606	14	6	0.00	1.37	3
22150021+	22150022	4.53	132 3-	1/0 ACSR 6/1	0	0	0	0	596	14	6	0.00	1.38	7
22150016+	22150021	4.58	127 3-	1/0 ACSR 6/1	0	0	0	0	583	13	6	0.00	1.38	3
22150019+	22150016	4.77	126 3-	1/0 ACSR 6/1	0	0	0	0	580	13	6	0.01	1.40	11
22050003+	22150019	4.87	125 3-	1/0 ACSR 6/1	0	0	0	0	579	13	6	0.00	1.40	6
22050005+	22050003	4.95	125 3-	1/0 ACSR 6/1	0	0	0	0	579	13	6	0.00	1.41	5
22050006+	22050005	5.07	125 3-	1/0 ACSR 6/1	0	0	0	0	578	13	6	0.00	1.41	7
22050004+	22050006	5.23	125 3-	1/0 ACSR 6/1	0	0	0	0	578	13	6	0.00	1.42	9
16950007+	22050004	5.28	125 3-	1/0 ACSR 6/1	0	0	0	0	578	13	6	0.00	1.43	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16950008+	16950007	5.37	125 3-	1/0 ACSR 6/1	0	0	0	0	578	13	6	0.00	1.43	5
16950004+	16950008	5.51	123 3-	1/0 ACSR 6/1	0	0	0	0	570	13	6	0.00	1.44	8
16950006+	16950004	5.56	121 3-	1/0 ACSR 6/1	0	0	0	0	562	13	6	0.00	1.44	3
16950005+	16950006	5.60	120 3-	1/0 ACSR 6/1	0	0	0	0	559	13	6	0.00	1.45	2
16950002+	16950005	5.74	119 3-	1/0 ACSR 6/1	0	0	0	0	556	13	6	0.00	1.45	8
16850041+	16950002	5.85	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.76	0
16850029+	16950002	5.77	116 3-	1/0 ACSR 6/1	0	0	0	0	546	13	6	0.00	1.45	2
20852199+	16850029	5.78	115 3-	1/0 ACSR 6/1	0	0	0	0	546	13	6	0.00	1.46	0
D16-85-P001+	20852199	5.78	115 3-	REC-70-E	0	0	0	0	546	13	19	0.00	1.46	0
16850013+	D16-85-P001	6.02	115 3-	1/0 ACSR 6/1	0	0	0	0	546	13	6	0.01	1.47	13
16850036+	16850013	6.04	3 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.63	0
16850037+	16850036	6.07	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	1.63	0
16850038+	16850013	6.09	109 3-	1/0 ACSR 6/1	0	0	0	0	532	13	6	0.00	1.47	4
16850039+	16850038	6.20	4 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.80	0
16850040+	16850039	6.31	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.80	0
16850022+	16850040	6.62	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.80	0
16950003+	16850022	6.65	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.80	0
16950001+	16950003	6.69	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.80	0
16850035+	16850038	6.27	104 3-	1/0 ACSR 6/1	0	0	0	0	524	12	6	0.00	1.48	9
16850012+	16850035	6.52	100 3-	1/0 ACSR 6/1	0	0	0	0	507	12	5	0.00	1.49	12
D16-85-P008+	16850012	6.52	16 1-	FUS	0	0	0	0	54	3	84	0.00	1.85	0
16850026+	D16-85-P008	6.68	16 1-	2 ACSR 6/1	0	0	0	0	54	3	2	0.01	1.86	0
16850027+	16850026	6.76	15 1-	2 ACSR 6/1	0	0	0	0	53	3	2	0.00	1.86	0
16850031+	16850027	6.81	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.86	0
16850028+	16850027	6.81	14 1-	2 ACSR 6/1	0	0	0	0	51	3	2	0.00	1.86	0
20852221+	16850028	7.01	14 1-	2 ACSR 6/1	0	0	0	0	51	3	2	0.01	1.87	0
20852222+	20852221	7.13	13 1-	2 ACSR 6/1	0	0	0	0	48	3	2	0.01	1.88	0
20852223+	20852222	7.19	12 1-	2 ACSR 6/1	0	0	0	0	47	3	2	0.00	1.88	0
20852225+	20852223	7.26	3 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.88	0
20852226+	20852225	7.32	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.88	0
20852224+	20852223	7.23	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.88	0
16860001+	20852223	7.30	8 1-	2 ACSR 6/1	0	0	0	0	37	2	1	0.00	1.88	0
16860002+	16860001	7.38	7 1-	2 ACSR 6/1	0	0	0	0	29	1	1	0.00	1.89	0
16860003+	16860002	7.48	6 1-	2 ACSR 6/1	0	0	0	0	29	1	1	0.00	1.89	0
20852228+	16860003	7.52	4 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	1.89	0
16860005+	20852228	7.56	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	1.89	0
20852229+	16860005	7.62	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.89	0
20852227+	16860003	7.53	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.89	0
16850025+	16850012	6.59	84 3-	1/0 ACSR 6/1	0	0	0	0	452	11	5	0.00	1.50	3
16850024+	16850025	6.61	84 3-	1/0 ACSR 6/1	0	0	0	0	452	11	5	0.00	1.50	0
20852156+	16850024	6.64	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.64	0
16850023+	16850024	6.71	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.85	0
16850009+	16850024	6.77	83 3-	1/0 ACSR 6/1	0	0	0	0	450	11	5	0.00	1.50	6
16850019+	16850009	6.80	5 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.64	0
16850021+	16850019	6.96	3 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.64	0
16750024+	16850021	7.02	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.64	0
16850020+	16850019	6.83	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.64	0
16850011+	16850009	6.88	78 3-	1/0 ACSR 6/1	0	0	0	0	441	11	5	0.00	1.51	4
C16-75-P66+	16850011	6.88	0 3-	Capacitor	0	0	0	0	0	-7	0	0.00	1.51	0
16750018+	16850011	6.99	78 3-	1/0 ACSR 6/1	0	0	0	0	441	10	4	0.01	1.52	3
20851112+	16750018	7.08	50 3-	1/0 ACSR 6/1	0	0	0	0	231	5	2	0.00	1.52	0
20851111+	20851112	7.16	45 3-	1/0 ACSR 6/1	0	0	0	0	223	5	2	0.00	1.52	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850705+	20851111	7.22	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.90	0
20850594+	20851111	7.23	43 3-	1/0 ACSR 6/1	0	0	0	0	220	4	2	0.00	1.53	0
20850704+	20850594	7.31	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.91	0
20850652+	20850594	7.32	31 3-	1/0 ACSR 6/1	0	0	0	0	175	3	2	0.00	1.53	0
20850499+	20850652	7.41	10 1-	2 ACSR 6/1	0	0	0	0	46	3	2	0.00	1.92	0
20850500+	20850499	7.45	8 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.00	1.92	0
20850501+	20850500	7.48	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.92	0
20850648+	20850500	7.53	5 1-	2 ACSR 6/1	0	0	0	0	29	1	1	0.00	1.92	0
20850700+	20850648	7.58	4 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	1.92	0
20850702+	20850700	7.62	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.92	0
20850649+	20850702	7.64	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.92	0
20850650+	20850649	7.78	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.92	0
20850703+	20850650	7.84	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.92	0
20850651+	20850650	7.89	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.92	0
20850701+	20850700	7.64	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.92	0
20850508+	20850652	7.39	20 3-	1/0 ACSR 6/1	0	0	0	0	128	2	1	0.00	1.53	0
20850506+	20850508	7.48	16 3-	1/0 ACSR 6/1	0	0	0	0	114	2	1	0.00	1.53	0
20850502+	20850506	7.53	9 3-	1/0 ACSR 6/1	0	0	0	0	59	1	1	0.00	1.53	0
20850317+	20850502	7.64	1 3-	1/0 ACSR 6/1	0	0	0	0	11	0	0	0.00	1.53	0
20850316+	20850317	7.71	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.53	0
16-75-P071-B+	20850316	7.71	0 3-	Open	0	0	0	0	0	0	0	0.00	1.53	0
20850318+	20850502	7.58	8 1-	2 ACSR 6/1	0	0	0	0	48	3	2	0.00	1.92	0
20850319+	20850318	7.62	6 1-	2 ACSR 6/1	0	0	0	0	43	2	2	0.00	1.92	0
16750025+	20850319	7.64	3 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	1.92	0
16750026+	16750025	7.75	2 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	1.93	0
20850263+	16750026	7.90	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.93	0
20850322+	16750026	7.79	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.93	0
20850323+	20850319	7.66	1 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	1.92	0
20850320+	20850319	7.67	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.92	0
20850321+	20850320	7.74	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.92	0
20850312+	20850506	7.53	6 1-	2 ACSR 6/1	0	0	0	0	54	3	2	0.00	1.67	0
20850503+	20850312	7.69	3 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	1.67	0
20850505+	20850503	7.73	2 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	1.67	0
20850387+	20850505	7.77	1 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.67	0
20850438+	20850312	7.61	3 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	1.67	0
20850439+	20850438	7.73	1 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	1.67	0
20850440+	20850439	7.91	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.67	0
20850507+	20850508	7.44	3 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.92	0
20850512+	20850507	7.47	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.92	0
20850498+	20850512	7.50	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.92	0
20850511+	20850512	7.51	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.92	0
20850544+	20850594	7.45	9 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.01	1.67	0
20850545+	20850544	7.55	7 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	1.67	0
20850706+	20850545	7.72	7 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	1.67	0
20851114+	20850706	7.84	3 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	1.68	0
16750020+	20851114	7.92	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.68	0
20850707+	20850706	7.76	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.67	0
20851113+	20850707	7.82	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.67	0
20850943+	16750018	7.02	28 3-	1/0 ACSR 6/1	0	0	0	0	210	4	2	0.00	1.52	0
20850944+	20850943	7.14	27 3-	1/0 ACSR 6/1	0	0	0	0	208	4	2	0.00	1.52	0
20850945+	20850944	7.24	27 3-	1/0 ACSR 6/1	0	0	0	0	208	4	2	0.00	1.53	0
20850946+	20850945	7.29	26 3-	1/0 ACSR 6/1	0	0	0	0	199	4	2	0.00	1.53	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851272+	20850946	7.34	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.90	0
20851273+	20851272	7.41	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.90	0
16760004+	20850946	7.35	25 3-	1/0 ACSR 6/1	0	0	0	0	192	4	2	0.00	1.53	0
16760006+	16760004	7.42	23 3-	1/0 ACSR 6/1	0	0	0	0	180	4	2	0.00	1.53	0
16760008+	16760006	7.48	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.67	0
16760007+	16760006	7.48	22 3-	1/0 ACSR 6/1	0	0	0	0	177	4	2	0.00	1.54	0
20851270+	16760007	7.83	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.67	0
16760003+	16760007	7.59	22 3-	1/0 ACSR 6/1	0	0	0	0	177	4	2	0.00	1.54	0
16760009+	16760003	7.78	8 3-	1/0 ACSR 6/1	0	0	0	0	132	3	1	0.01	1.54	0
16760010+	16760009	7.87	7 3-	1/0 ACSR 6/1	0	0	0	0	132	3	1	0.00	1.55	0
16760011+	16760010	8.23	5 3-	1/0 ACSR 6/1	0	0	0	0	129	2	1	0.01	1.56	0
16760015+	16760011	8.38	5 3-	1/0 ACSR 6/1	0	0	0	0	129	2	1	0.00	1.56	0
16760016+	16760015	8.56	5 3-	1/0 ACSR 6/1	0	0	0	0	129	2	1	0.01	1.57	0
16760012+	16760016	8.70	5 3-	1/0 ACSR 6/1	0	0	0	0	129	2	1	0.00	1.57	0
16760013+	16760012	8.77	5 3-	1/0 ACSR 6/1	0	0	0	0	129	2	1	0.00	1.57	0
16770007+	16760013	8.94	5 3-	1/0 ACSR 6/1	0	0	0	0	129	2	1	0.01	1.58	0
20851306+	16770007	9.14	4 3-	1/0 ACSR 6/1	0	0	0	0	127	2	1	0.01	1.58	0
16770006+	20851306	9.31	4 3-	1/0 ACSR 6/1	0	0	0	0	127	2	1	0.01	1.59	0
20851274+	16770006	9.37	3 3-	1/0 ACSR 6/1	0	0	0	0	15	0	0	0.00	1.59	0
16770008+	20851274	9.42	2 3-	1/0 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.59	0
16770011+	16770008	9.46	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.73	0
16770009+	16770011	9.74	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.74	0
20851507+	16770009	9.85	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.74	0
20851474+	16770009	9.81	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.74	0
16770004+	16770006	9.39	1 3-	1/0 ACSR 6/1	0	0	0	0	112	2	1	0.00	1.59	0
16770005+	20851306	9.49	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.58	0
20851305+	16760010	7.92	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	1.69	0
20851304+	16760010	7.98	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.91	0
20851307+	16760003	7.68	14 3-	1/0 ACSR 6/1	0	0	0	0	45	1	0	0.00	1.54	0
20851308+	20851307	7.75	10 3-	1/0 ACSR 6/1	0	0	0	0	37	0	0	0.00	1.54	0
20851309+	20851308	7.82	8 3-	1/0 ACSR 6/1	0	0	0	0	33	0	0	0.00	1.54	0
16760014+	20851309	7.87	7 3-	1/0 ACSR 6/1	0	0	0	0	19	0	0	0.00	1.54	0
16860004+	16760014	7.92	7 3-	1/0 ACSR 6/1	0	0	0	0	19	0	0	0.00	1.54	0
20852305+	16860004	7.97	4 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.04	0
20852307+	20852305	8.01	3 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.04	0
20852308+	20852307	8.11	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.04	0
20852306+	20852305	8.19	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.04	0
20851271+	20851309	7.87	1 3-	1/0 ACSR 6/1	0	0	0	0	14	0	0	0.00	1.54	0
20851269+	16760004	7.39	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.90	0
20851303+	20851269	7.46	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.90	0
16850010+	16850035	6.34	4 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	1.64	0
16850044+	16850010	6.43	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.64	0
16850045+	16850044	6.48	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.64	0
16850034+	16850045	6.52	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.64	0
16850033+	16850010	6.38	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.64	0
16850032+	16850010	6.43	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.64	0
16850030+	16850013	6.10	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.63	0
16850014+	16850013	6.07	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.79	0
22050002+	22050003	5.03	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.65	0
22150017+	22150016	4.69	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.62	0
22150009+	22150021	4.72	5 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	1.61	0
D22-15-P048+	22150009	4.72	5 1-	FUS	0	0	0	0	13	0	20	0.00	1.61	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22150013+	D22-15-P048	4.80	5 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	1.62	0
22150031+	22150013	4.86	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.62	0
22150032+	22150031	4.94	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.62	0
22150030+	22150032	5.12	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.62	0
22150020+	22150030	5.22	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.62	0
22150011+	22150020	5.47	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.62	0
22160004+	22150011	5.62	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.62	0
22160005+	22160004	5.78	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.62	0
22160006+	22160005	5.90	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.62	0
22160002+	22160005	5.95	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.62	0
22160003+	22150011	5.56	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.62	0
22150010+	22150020	5.28	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.62	0
22150018+	22150013	4.85	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.62	0
22240029+	22240011	3.37	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.45	0
22240012+	22240011	3.38	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.45	0
22240038+	22240037	2.83	15 1-	2 ACSR 6/1	0	0	0	0	57	3	2	0.00	0.86	0
D22-24-P024+	22240038	2.83	14 1-	RBC-35-E	0	0	0	0	53	3	10	0.00	0.86	0
22240030+	D22-24-P024	2.87	14 1-	2 ACSR 6/1	0	0	0	0	53	3	2	0.00	0.86	0
22240039+	22240030	2.96	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.86	0
22240040+	22240039	3.08	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.86	0
22240031+	22240030	3.08	14 1-	2 ACSR 6/1	0	0	0	0	53	3	2	0.01	0.87	0
22240015+	22240031	3.15	14 1-	2 ACSR 6/1	0	0	0	0	53	3	2	0.00	0.88	0
22240045+	22240015	3.24	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	0.88	0
22240013+	22240015	3.34	13 1-	2 ACSR 6/1	0	0	0	0	42	2	2	0.01	0.89	0
22250009+	22240013	3.42	13 1-	2 ACSR 6/1	0	0	0	0	42	2	2	0.00	0.89	0
22250008+	22250009	3.43	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.89	0
22250005+	22250009	3.48	12 1-	2 ACSR 6/1	0	0	0	0	40	2	1	0.00	0.89	0
22250012+	22250005	3.52	9 1-	2 ACSR 6/1	0	0	0	0	30	2	1	0.00	0.89	0
22250011+	22250012	3.55	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	0.89	0
22250013+	22250012	3.68	6 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	0.90	0
22250022+	22250013	3.78	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.90	0
22250023+	22250022	3.82	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.90	0
22250024+	22250023	3.92	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.90	0
22250025+	22250024	3.97	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.90	0
22250026+	22250025	4.02	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.90	0
22250027+	22250026	4.32	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.90	0
22250028+	22250027	4.39	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.90	0
22250029+	22250028	4.54	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.91	0
22250006+	22250013	3.76	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.90	0
22250007+	22250005	3.49	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	0.89	0
22250010+	22250007	3.53	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	0.89	0
22340012+	22330010	1.95	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.45	0
22330033+	22330048	1.93	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.43	0
22330009+	D22-33-P024	1.51	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.10	0
22230052+	22230026	0.76	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.66	0

CKT 2 total losses: \$45,257

SUB 85, CKT 3

BK8503+	CARPENTER (85)	0.00	952 3-	BK8503	0	0	0	0	3949	88	44	0.00	0.00	0
22230022+	BK8503	0.03	952 3-	4/0 ACSR 6/1	0	0	0	0	3949	88	26	0.00	0.01	39
22230023+	22230022	0.05	0 3-	4/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.01	0
22230031+	22230022	0.09	952 3-	4/0 ACSR 6/1	0	0	0	0	3948	88	26	0.01	0.02	63

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22230037+	22230031	0.24	949 3-	4/0 ACSR 6/1	0	0	0	0	3942	88	26	0.02	0.06	178
22230038+	22230037	0.31	947 3-	4/0 ACSR 6/1	0	0	0	0	3925	87	26	0.01	0.07	73
22130025+	22230038	0.37	947 3-	4/0 ACSR 6/1	0	0	0	0	3924	87	26	0.01	0.09	70
22120054+	22130025	0.43	946 3-	4/0 ACSR 6/1	0	0	0	0	3924	87	26	0.01	0.10	71
22120055+	22120054	0.50	944 3-	4/0 ACSR 6/1	0	0	0	0	3919	87	26	0.01	0.12	80
22120040+	22120055	0.53	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.07	0
22120047+	22120055	0.55	943 3-	4/0 ACSR 6/1	0	0	0	0	3916	87	26	0.01	0.13	55
22120044+	22120047	0.65	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	0.22	0
22120046+	22120047	0.63	942 3-	4/0 ACSR 6/1	0	0	0	0	3907	87	26	0.01	0.14	90
22120019+	22120046	0.82	942 3-	4/0 ACSR 6/1	0	0	0	0	3906	87	26	0.03	0.19	213
22120039+	22120019	1.03	941 3-	4/0 ACSR 6/1	0	0	0	0	3901	87	26	0.03	0.24	240
22120025+	22120039	1.09	939 3-	4/0 ACSR 6/1	0	0	0	0	3886	87	26	0.01	0.25	65
22120026+	22120025	1.16	938 3-	4/0 ACSR 6/1	0	0	0	0	3882	87	26	0.01	0.26	80
22120027+	22120026	1.22	936 3-	4/0 ACSR 6/1	0	0	0	0	3870	86	26	0.01	0.28	66
D22-12-F102+	22120027	1.22	7 1-	FUS	0	0	0	0	35	2	53	0.00	0.17	0
22120022+	D22-12-P102	1.26	7 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.00	0.17	0
22120045+	22120022	1.42	7 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.01	0.17	0
22120033+	22120045	1.47	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	0.17	0
22120034+	22120033	1.58	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.17	0
22120032+	22120045	1.47	1 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	0.17	0
22120031+	22120045	1.57	3 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	0.18	0
22120035+	22120031	1.74	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	0.18	0
22120036+	22120035	1.82	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	0.18	0
22120053+	22120031	2.16	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.18	0
22020012+	22120053	2.38	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.18	0
22120030+	22120022	1.38	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.17	0
22120028+	22120027	1.25	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	0.17	0
22120029+	22120028	1.59	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	0.17	0
22120020+	22120027	1.51	927 3-	4/0 ACSR 6/1	0	0	0	0	3825	86	25	0.04	0.34	319
C22-12-P90+	22120020	1.51	0 3-	Capacitor	0	0	0	0	0	-14	0	0.00	0.34	0
22120021+	22120020	2.08	927 3-	4/0 ACSR 6/1	0	0	0	0	3822	84	25	0.12	0.52	615
D21-09-P045+	22120021	2.08	14 1-	FUS	0	0	0	0	67	4	103	0.00	0.90	0
21090007+	D21-09-P045	2.11	14 1-	2 ACSR 6/1	0	0	0	0	67	4	3	0.00	0.91	0
21090008+	21090007	2.16	12 1-	2 ACSR 6/1	0	0	0	0	48	3	2	0.00	0.91	0
21090009+	21090008	2.18	11 1-	2 ACSR 6/1	0	0	0	0	41	2	2	0.00	0.91	0
21090011+	21090009	2.23	4 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	0.91	0
21090023+	21090011	2.43	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	0.91	0
22020013+	21090023	2.50	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	0.91	0
22020008+	22020013	2.60	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	0.91	0
22020010+	22020008	2.68	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	0.91	0
22020009+	22020008	2.68	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.91	0
22020014+	21090023	2.49	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.91	0
21090010+	21090009	2.25	5 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	0.91	0
21090022+	21090010	2.32	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.91	0
22020011+	21090022	2.38	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.91	0
22020007+	22020011	2.44	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.91	0
21090004+	21090009	2.36	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	0.91	0
21090013+	21090004	2.42	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	0.91	0
21090014+	21090013	2.49	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	0.91	0
21090012+	21090004	2.40	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.91	0
21090005+	21090004	2.42	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.91	0
21090015+	22120021	2.24	913 3-	4/0 ACSR 6/1	0	0	0	0	3749	83	24	0.04	0.56	158

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852327+	21090015	2.60	908 3-	4/0 ACSR 6/1	0	0	0	0	3743	82	24	0.08	0.67	371
20852335+	20852327	2.65	907 3-	4/0 ACSR 6/1	0	0	0	0	3738	82	24	0.01	0.69	54
20852339+	20852335	2.80	907 3-	4/0 ACSR 6/1	0	0	0	0	3738	82	24	0.03	0.73	152
20852340+	20852339	2.86	905 3-	4/0 ACSR 6/1	0	0	0	0	3728	82	24	0.01	0.75	64
21090016+	20852340	2.99	904 3-	4/0 ACSR 6/1	0	0	0	0	3727	82	24	0.03	0.79	127
21090019+	21090016	3.04	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	0.49	0
21090018+	21090016	3.04	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	0.55	0
21090017+	21090016	3.06	900 3-	4/0 ACSR 6/1	0	0	0	0	3703	82	24	0.02	0.81	70
21090024+	21090017	3.20	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.36	0
21090025+	21090024	3.38	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.36	0
21090021+	21090017	3.38	899 3-	4/0 ACSR 6/1	0	0	0	0	3695	82	24	0.07	0.91	326
D21-09-P002+	21090021	3.38	6 1-	FUS-35	0	0	0	0	11	0	3	0.00	0.57	0
21090006+	D21-09-P002	3.48	6 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	0.57	0
21080010+	21090006	3.53	6 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	0.57	0
21080022+	21080010	3.57	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.57	0
21080013+	21080010	3.62	5 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	0.57	0
20852333+	21080013	3.99	5 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	0.57	0
20852334+	20852333	4.06	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.57	0
20852326+	20852333	4.20	3 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.57	0
20852330+	20852326	4.42	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.57	0
20852329+	20852326	4.29	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.57	0
21090020+	21090021	3.69	893 3-	4/0 ACSR 6/1	0	0	0	0	3681	81	24	0.07	1.00	307
21080014+	21090020	3.78	892 3-	4/0 ACSR 6/1	0	0	0	0	3676	81	24	0.02	1.02	84
20851462+	21080014	3.83	891 3-	4/0 ACSR 6/1	0	0	0	0	3673	81	24	0.01	1.03	51
20851463+	20851462	3.89	112 3-	2 CU	0	0	0	0	384	8	4	0.01	1.04	1
20851464+	20851463	3.96	110 3-	2 CU	0	0	0	0	374	8	4	0.01	1.04	1
20851467+	20851464	4.20	108 3-	2 CU	0	0	0	0	360	8	4	0.02	1.06	4
20851324+	20851467	4.21	105 3-	2 CU	0	0	0	0	351	7	3	0.00	1.06	0
15-98-P011-B+	20851324	4.21	105 3-	Closed	0	0	0	0	351	7	0	0.00	1.06	0
15-98-P011-A+	15-98-P011-B	4.21	105 3-	Closed	0	0	0	0	351	7	0	0.00	1.06	0
15980016+	15-98-P011-A	4.22	105 3-	2 CU	0	0	0	0	351	7	3	0.00	1.06	0
D15-98-P010+	15980016	4.22	105 3-	WVE-200/100	0	0	0	0	351	7	0	0.00	1.06	0
15980011+	D15-98-P010	4.31	105 3-	2 CU	0	0	0	0	351	7	3	0.01	1.07	2
D15-88-P023+	15980011	4.31	8 1-	FUS-15	0	0	0	0	47	3	24	0.00	0.68	0
15880039+	D15-88-P023	4.34	8 1-	2 ACSR 6/1	0	0	0	0	47	3	2	0.00	0.68	0
15880040+	15880039	4.37	7 1-	2 ACSR 6/1	0	0	0	0	39	2	1	0.00	0.68	0
15880037+	15880040	4.70	6 1-	2 ACSR 6/1	0	0	0	0	32	2	1	0.01	0.69	0
20851161+	15880037	4.83	6 1-	2 ACSR 6/1	0	0	0	0	32	2	1	0.00	0.70	0
20851162+	20851161	5.33	4 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.01	0.71	0
20851164+	20851162	5.45	3 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	0.71	0
20851165+	20851164	5.54	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	0.71	0
20851166+	20851165	5.66	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	0.71	0
20851163+	20851162	5.83	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.71	0
15990009+	20851163	5.99	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.71	0
15990008+	15990009	6.06	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.71	0
15990007+	15990009	6.07	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.71	0
20851556+	20851161	5.00	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	0.70	0
15880038+	15880037	4.89	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.69	0
20851554+	15880037	4.82	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.69	0
15880036+	15980011	4.37	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	0.76	0
20851182+	15980011	4.40	5 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	0.77	0
20851555+	20851182	4.50	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.77	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851181+	20851182	4.58	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.77	0
15880041+	20851181	4.62	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.77	0
15880028+	15980011	4.38	91 3-	2 CU	0	0	0	0	286	6	3	0.00	1.07	0
20850043+	15880028	4.51	90 3-	2 CU	0	0	0	0	282	6	3	0.01	1.08	1
20850551+	20850043	4.70	90 3-	2 CU	0	0	0	0	282	6	3	0.01	1.09	2
D15-88-P015+	20850551	4.70	13 1-	FUS-40	0	0	0	0	39	2	7	0.00	1.78	0
20850553+	D15-88-P015	4.78	13 1-	2 ACSR 6/1	0	0	0	0	39	2	1	0.00	1.78	0
20850552+	20850553	4.81	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.78	0
20850554+	20850552	4.88	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	1.78	0
20850555+	20850553	4.88	10 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	1.79	0
15880049+	20850555	4.96	8 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	1.79	0
15880050+	15880049	5.03	8 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	1.79	0
20850558+	15880050	5.14	3 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.79	0
20850559+	20850558	5.28	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.79	0
20850760+	20850559	5.41	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.79	0
20850761+	20850760	5.45	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.79	0
20850557+	15880050	5.11	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.79	0
20850556+	15880050	5.07	3 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.79	0
20850807+	20850551	4.79	73 3-	2 CU	0	0	0	0	239	5	2	0.01	1.09	0
20850808+	20850807	4.89	72 3-	2 CU	0	0	0	0	236	5	2	0.00	1.09	0
15880052+	20850808	4.90	4 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.79	0
15880054+	15880052	4.97	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.79	0
15880053+	15880052	4.93	3 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.79	0
20850809+	20850808	4.97	66 3-	2 CU	0	0	0	0	226	5	2	0.00	1.10	0
20850811+	20850809	5.11	61 3-	2 CU	0	0	0	0	198	4	2	0.01	1.10	0
15880027+	20850811	5.16	61 3-	2 CU	0	0	0	0	198	4	2	0.00	1.10	0
20850834+	15880027	5.23	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	1.80	0
20850835+	20850834	5.29	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.80	0
20850836+	20850835	5.37	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.80	0
20850833+	15880027	5.22	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	0.81	0
15880024+	15880027	5.24	58 3-	2 CU	0	0	0	0	176	3	2	0.00	1.11	0
20850837+	15880024	5.29	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.80	0
15880051+	20850837	5.37	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	1.80	0
15880025+	15880024	5.29	56 3-	2 CU	0	0	0	0	172	3	2	0.00	1.11	0
15880035+	15880025	5.34	6 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	0.81	0
15870079+	15880035	5.40	5 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	0.81	0
15870068+	15870079	5.48	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	0.82	0
15870080+	15870079	5.44	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.82	0
15880034+	15880025	5.32	50 3-	2 CU	0	0	0	0	159	3	2	0.00	1.11	0
15870082+	15880034	5.42	46 3-	2 CU	0	0	0	0	151	3	1	0.00	1.11	0
15870084+	15870082	5.48	45 3-	2 CU	0	0	0	0	151	3	1	0.00	1.11	0
15870085+	15870084	5.56	41 3-	2 CU	0	0	0	0	127	2	1	0.00	1.12	0
15870086+	15870085	5.61	39 3-	2 CU	0	0	0	0	123	2	1	0.00	1.12	0
20850421+	15870086	5.69	37 3-	2 CU	0	0	0	0	118	2	1	0.00	1.12	0
D15-87-P036+	20850421	5.69	6 1-	FUS-20	0	0	0	0	20	1	7	0.00	0.83	0
20850403+	D15-87-P036	5.72	6 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	0.83	0
20850404+	20850403	5.79	4 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	0.83	0
15870088+	20850404	5.83	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.83	0
15870052+	20850404	5.92	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	0.83	0
15770017+	15870052	5.95	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.83	0
15770018+	15770017	6.01	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.83	0
15770009+	15870052	5.95	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.83	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850420+	20850421	5.78	30 3-	2 CU	0	0	0	0	88	1	1	0.00	1.12	0
15770019+	20850420	5.92	28 3-	2 CU	0	0	0	0	79	1	1	0.00	1.12	0
15770022+	15770019	6.08	26 3-	2 CU	0	0	0	0	74	1	1	0.00	1.12	0
15770023+	15770022	6.15	26 3-	2 CU	0	0	0	0	74	1	1	0.00	1.12	0
15770021+	15770023	6.23	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.81	0
15770010+	15770023	6.25	25 3-	2 CU	0	0	0	0	71	1	1	0.00	1.13	0
15770011+	15770010	6.35	24 3-	2 CU	0	0	0	0	68	1	1	0.00	1.13	0
15770012+	15770011	6.46	24 3-	2 CU	0	0	0	0	68	1	1	0.00	1.13	0
15770013+	15770012	6.63	23 3-	2 CU	0	0	0	0	66	1	1	0.00	1.13	0
15770014+	15770013	6.67	3 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.81	0
15770015+	15770014	6.69	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.81	0
15770016+	15770014	6.70	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.81	0
15770008+	15770013	6.97	20 3-	2 CU	0	0	0	0	59	1	1	0.01	1.13	0
20851549+	15770008	7.07	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.81	0
15670009+	15770008	7.22	19 3-	2 CU	0	0	0	0	56	1	1	0.01	1.14	0
15670011+	15670009	7.35	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	0.86	0
20851550+	15670009	7.26	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.86	0
20851551+	20851550	7.30	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.86	0
15670008+	15670009	7.34	17 3-	2 CU	0	0	0	0	52	1	1	0.00	1.14	0
20851606+	15670008	7.58	14 3-	2 CU	0	0	0	0	44	0	0	0.00	1.14	0
20851607+	20851606	7.66	13 3-	2 CU	0	0	0	0	36	0	0	0.00	1.14	0
20851608+	20851607	7.80	10 3-	2 CU	0	0	0	0	21	0	0	0.00	1.14	0
15570034+	20851608	7.89	6 3-	2 CU	0	0	0	0	9	0	0	0.00	1.14	0
15570063+	15570034	7.93	5 3-	1/0 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.14	0
15570059+	15570063	7.97	1 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.14	0
15570060+	15570059	8.07	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.14	0
SW4-A+	15570060	8.07	0 3-	Open	0	0	0	0	0	0	0	0.00	1.14	0
15570062+	15570034	7.96	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.87	0
15570035+	15570034	7.90	0 3-	1/0 CU	0	0	0	0	0	0	0	0.00	1.14	0
15-57-P022-A+	15570035	7.90	0 3-	Open	0	0	0	0	0	0	0	0.00	1.14	0
15570058+	20851608	7.86	4 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.87	0
20851609+	15570058	7.92	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	0.87	0
20851610+	20851609	7.94	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	0.87	0
20851552+	15670008	7.38	3 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	0.87	0
20851605+	20851552	7.43	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	0.87	0
15770007+	15770011	6.45	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.84	0
15770020+	15770019	6.00	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.84	0
20850137+	15870086	5.68	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.83	0
20850348+	20850137	5.80	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.83	0
158700083+	15870084	5.61	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.82	0
20850135+	15870083	5.66	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.82	0
20850136+	20850135	5.71	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.82	0
15880026+	20850811	5.16	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.80	0
20850810+	20850809	5.01	4 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	1.79	0
20850813+	20850810	5.06	3 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	1.79	0
20850814+	20850813	5.11	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	1.80	0
20850832+	20850814	5.15	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.80	0
20850812+	20850810	5.11	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.79	0
15880042+	15880028	4.49	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.77	0
20851466+	20851464	4.13	2 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	0.74	0
20851465+	20851464	4.05	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.73	0
15980012+	20851462	3.90	779 3-	1/0 ACSR 6/1	0	0	0	0	3288	73	32	0.03	1.07	123

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851620+	15980012	3.98	181 3-	1/0 ACSR 6/1	0	0	0	0	698	15	7	0.00	1.08	7
20851621+	20851620	4.02	180 3-	1/0 ACSR 6/1	0	0	0	0	685	15	7	0.00	1.09	4
20851622+	20851621	4.04	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	0.76	0
15980015+	20851621	4.08	179 3-	1/0 ACSR 6/1	0	0	0	0	676	15	7	0.00	1.10	6
D21-08-P011+	15980015	4.08	179 3-	REC-50-E	0	0	0	0	676	15	30	0.00	1.10	0
21080016+	D21-08-P011	4.24	179 3-	1/0 ACSR 6/1	0	0	0	0	676	15	7	0.00	1.12	15
21080017+	21080016	4.30	177 3-	1/0 ACSR 6/1	0	0	0	0	672	15	7	0.00	1.13	6
21080018+	21080017	4.42	176 3-	1/0 ACSR 6/1	0	0	0	0	669	15	7	0.00	1.14	10
21080020+	21080018	4.53	174 3-	1/0 ACSR 6/1	0	0	0	0	663	14	6	0.00	1.15	10
21080023+	21080020	4.58	172 3-	1/0 ACSR 6/1	0	0	0	0	655	14	6	0.00	1.16	5
21080024+	21080023	4.72	168 3-	1/0 ACSR 6/1	0	0	0	0	646	14	6	0.00	1.18	12
20852331+	21080024	4.80	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	0.75	0
21180007+	21080024	4.82	166 3-	1/0 ACSR 6/1	0	0	0	0	640	14	6	0.00	1.19	8
21180008+	21180007	4.90	166 3-	1/0 ACSR 6/1	0	0	0	0	639	14	6	0.00	1.20	7
20852332+	21180008	4.97	163 3-	1/0 ACSR 6/1	0	0	0	0	634	14	6	0.00	1.21	6
20851981+	20852332	4.99	162 3-	1/0 ACSR 6/1	0	0	0	0	628	14	6	0.00	1.21	2
20851983+	20851981	5.21	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.74	0
20851982+	20851981	5.03	160 3-	1/0 ACSR 6/1	0	0	0	0	625	14	6	0.00	1.21	3
20851985+	20851982	5.09	159 3-	1/0 ACSR 6/1	0	0	0	0	613	13	6	0.00	1.22	5
20851986+	20851985	5.15	157 3-	1/0 ACSR 6/1	0	0	0	0	603	13	6	0.00	1.23	5
20851824+	20851986	5.50	155 3-	1/0 ACSR 6/1	0	0	0	0	599	13	6	-0.01	1.27	28
20851826+	20851824	5.52	154 3-	1/0 ACSR 6/1	0	0	0	0	592	13	6	0.00	1.27	2
20851825+	20851826	5.60	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.73	0
20851827+	20851826	5.57	153 3-	1/0 ACSR 6/1	0	0	0	0	588	13	6	0.00	1.27	4
20851829+	20851827	5.64	153 3-	1/0 ACSR 6/1	0	0	0	0	588	13	6	0.00	1.28	6
20851830+	20851829	5.71	149 3-	1/0 ACSR 6/1	0	0	0	0	575	12	6	0.00	1.29	5
D21-17-P008+	20851830	5.71	14 1-	FUS-25	0	0	0	0	57	3	17	0.00	0.72	0
20852020+	D21-17-P008	5.76	14 1-	2 ACSR 6/1	0	0	0	0	57	3	2	0.00	0.72	0
20852021+	20852020	5.83	13 1-	2 ACSR 6/1	0	0	0	0	51	3	2	0.00	0.72	0
20852088+	20852021	5.85	12 1-	2 ACSR 6/1	0	0	0	0	47	3	2	0.00	0.73	0
20851649+	20852088	5.93	11 1-	2 ACSR 6/1	0	0	0	0	46	3	2	0.00	0.73	0
20851988+	20851649	6.03	9 1-	2 ACSR 6/1	0	0	0	0	37	2	1	0.00	0.73	0
20851990+	20851988	6.12	6 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	0.73	0
20852328+	20851990	6.46	4 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	0.74	0
20850575+	20852328	6.62	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.74	0
20850574+	20852328	6.49	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	0.74	0
20851989+	20851988	6.10	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	0.73	0
20851987+	20851649	5.99	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	0.73	0
21180004+	20851649	5.98	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.73	0
20852019+	20851830	5.92	125 3-	1/0 ACSR 6/1	0	0	0	0	472	10	5	-0.01	1.31	13
21270015+	20852019	6.18	123 3-	1/0 ACSR 6/1	0	0	0	0	458	10	5	-0.02	1.33	15
21270016+	21270015	6.32	86 1-	2 ACSR 6/1	0	0	0	0	307	20	12	0.04	2.33	11
D21-27-P025+	21270016	6.32	86 1-	REC-35-E	0	0	0	0	307	20	60	0.00	2.33	0
21270017+	D21-27-P025	6.37	86 1-	2 ACSR 6/1	0	0	0	0	307	20	12	0.01	2.34	4
21270018+	21270017	6.52	85 1-	2 ACSR 6/1	0	0	0	0	303	20	11	0.05	2.39	11
21270019+	21270018	6.60	84 1-	2 ACSR 6/1	0	0	0	0	302	20	11	0.02	2.41	6
D21-27-P030+	21270019	6.60	8 1-	FUS-20	0	0	0	0	25	1	10	0.00	2.41	0
21270029+	D21-27-P030	6.77	8 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	2.42	0
21270031+	21270029	6.99	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.42	0
21270030+	21270029	6.98	6 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	2.42	0
20850160+	21270030	7.10	4 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	2.42	0
20850573+	20850160	7.17	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850159+	21270030	7.08	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.42	0
21270026+	21270019	6.70	75 1-	2 ACSR 6/1	0	0	0	0	276	18	10	0.03	2.44	6
21270027+	21270026	6.84	74 1-	2 ACSR 6/1	0	0	0	0	275	18	10	0.04	2.48	9
20850089+	21270027	7.02	73 1-	2 ACSR 6/1	0	0	0	0	272	18	10	0.05	2.53	10
20850091+	20850089	7.08	3 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.53	0
20850116+	20850091	7.17	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.53	0
20850699+	20850116	7.24	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.53	0
20850696+	20850699	7.30	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.53	0
20850695+	20850699	7.30	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.53	0
20850090+	20850089	7.07	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.53	0
20851530+	20850090	7.21	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.53	0
20850123+	20850089	7.06	66 1-	2 ACSR 6/1	0	0	0	0	251	17	9	0.01	2.54	2
20850122+	20850123	7.12	64 1-	2 ACSR 6/1	0	0	0	0	243	16	9	0.02	2.56	3
D21-37-P001+	20850122	7.12	8 1-	FUS	0	0	0	0	14	0	22	0.00	2.56	0
20851532+	D21-37-P001	7.19	8 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	2.56	0
20851704+	20851532	7.27	7 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	2.56	0
20851706+	20851704	7.42	5 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	2.56	0
20851689+	20851706	7.68	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.56	0
20851690+	20851689	7.74	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.56	0
20851910+	20851690	7.88	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.56	0
20851691+	20851690	7.81	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.56	0
21370008+	20851706	7.48	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.56	0
20851705+	20851704	7.40	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.56	0
20850088+	20850122	7.20	54 1-	2 ACSR 6/1	0	0	0	0	221	15	8	0.02	2.57	3
20850093+	20850088	7.24	49 1-	2 ACSR 6/1	0	0	0	0	210	14	8	0.01	2.58	2
20850094+	20850093	7.31	47 1-	2 ACSR 6/1	0	0	0	0	204	13	8	0.01	2.60	2
20850112+	20850094	7.41	3 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.60	0
20850095+	20850094	7.40	44 1-	2 ACSR 6/1	0	0	0	0	196	13	7	0.02	2.62	3
20850110+	20850095	7.45	42 1-	2 ACSR 6/1	0	0	0	0	186	12	7	0.01	2.63	1
20850299+	20850110	7.55	41 1-	2 ACSR 6/1	0	0	0	0	182	12	7	0.02	2.64	3
D21-38-P006+	20850299	7.55	16 1-	REC-25-E	0	0	0	0	61	4	17	0.00	2.64	0
20852114+	D21-38-P006	7.66	16 1-	2 ACSR 6/1	0	0	0	0	61	4	2	0.01	2.65	0
20852115+	20852114	7.73	15 1-	2 ACSR 6/1	0	0	0	0	56	3	2	0.00	2.65	0
21380006+	20852115	8.16	13 1-	2 ACSR 6/1	0	0	0	0	53	3	2	0.02	2.68	0
21380007+	21380006	8.27	13 1-	2 ACSR 6/1	0	0	0	0	53	3	2	0.01	2.68	0
20852077+	21380007	8.37	12 1-	2 ACSR 6/1	0	0	0	0	47	3	2	0.00	2.69	0
D21-48-P001+	20852077	8.37	6 1-	FUS-15	0	0	0	0	22	1	12	0.00	2.69	0
21480001+	D21-48-P001	8.48	6 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	2.69	0
21480002+	21480001	8.58	4 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.69	0
21480006+	21480002	8.96	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.69	0
21480005+	20852077	8.53	6 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	2.69	0
21480004+	21480005	8.66	4 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	2.69	0
21480007+	21480004	8.71	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	2.69	0
21480008+	21480007	8.77	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.69	0
21480003+	21480005	8.61	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.69	0
20850301+	20850299	7.63	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.64	0
20850243+	20850301	7.69	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.64	0
20850300+	20850299	7.62	22 1-	2 ACSR 6/1	0	0	0	0	115	7	4	0.01	2.65	0
20850242+	20850300	7.77	21 1-	2 ACSR 6/1	0	0	0	0	107	7	4	0.02	2.67	1
20850291+	20850242	7.83	20 1-	2 ACSR 6/1	0	0	0	0	102	6	4	0.01	2.68	0
20851876+	20850291	7.87	19 1-	2 ACSR 6/1	0	0	0	0	100	6	4	0.00	2.68	0
20851878+	20851876	7.97	18 1-	2 ACSR 6/1	0	0	0	0	92	6	4	0.01	2.69	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851879+	20851878	8.12	17 1-	2 ACSR 6/1	0	0	0	0	90	6	3	0.01	2.70	0
20851881+	20851879	8.16	17 1-	2 ACSR 6/1	0	0	0	0	90	6	3	0.00	2.71	0
20851882+	20851881	8.26	16 1-	2 ACSR 6/1	0	0	0	0	82	5	3	0.01	2.71	0
20852076+	20851882	8.34	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.71	0
20852075+	20851882	8.39	14 1-	2 ACSR 6/1	0	0	0	0	72	4	3	0.01	2.72	0
21290014+	20852075	8.72	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.73	0
21290015+	21290014	8.81	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.73	0
20852078+	21290015	8.88	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.73	0
21390002+	21290015	9.47	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.73	0
21290017+	20852075	8.53	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	2.73	0
20850298+	21290017	8.60	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.73	0
20850158+	21290017	8.66	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.73	0
21290018+	20852075	8.65	11 1-	2 ACSR 6/1	0	0	0	0	51	3	2	0.01	2.74	0
D21-29-P021+	21290018	8.65	11 1-	REC-25-E	0	0	0	0	51	3	14	0.00	2.74	0
21290016+	D21-29-P021	8.72	11 1-	2 ACSR 6/1	0	0	0	0	51	3	2	0.00	2.74	0
20850576+	21290016	8.98	11 1-	2 ACSR 6/1	0	0	0	0	51	3	2	0.01	2.75	0
20850577+	20850576	9.03	10 1-	2 ACSR 6/1	0	0	0	0	44	2	2	0.00	2.76	0
20850579+	20850577	9.09	9 1-	2 ACSR 6/1	0	0	0	0	40	2	2	0.00	2.76	0
20850580+	20850579	9.14	8 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.00	2.76	0
21290020+	20850580	9.43	7 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.01	2.77	0
21190016+	21290020	9.47	7 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	2.77	0
D21-19-P002+	21190016	9.47	0 1-	FUS	0	0	0	0	0	0	0	0.00	2.77	0
21190013+	D21-19-P002	10.21	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.77	0
21190004+	21190016	9.71	7 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.01	2.78	0
21190008+	21190004	9.87	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.78	0
21190014+	21190004	9.83	7 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	2.78	0
21190015+	21190014	9.93	7 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	2.78	0
20852355+	21190015	10.04	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	2.78	0
21190010+	20852355	10.12	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.78	0
21190009+	20852355	10.13	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.78	0
21190005+	21190015	10.04	5 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	2.78	0
21190006+	21190005	10.11	4 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	2.78	0
21190007+	21190006	10.25	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.79	0
20850581+	20850580	9.30	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	2.76	0
20850578+	20850577	9.11	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.76	0
21290019+	21290016	8.78	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.74	0
20851880+	20851879	8.20	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.70	0
20851877+	20851876	8.07	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.68	0
20850138+	20850300	7.72	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.65	0
20850092+	20850088	7.28	5 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.57	0
21270028+	21270027	6.91	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.48	0
21270025+	21270019	6.65	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	2.41	0
21270014+	21270015	6.59	36 1-	2 ACSR 6/1	0	0	0	0	148	9	6	0.06	1.08	7
D21-27-P019A+	21270014	6.59	35 1-	REC-35-E	0	0	0	0	146	9	28	0.00	1.08	0
21270004+	D21-27-P019A	6.64	35 1-	2 ACSR 6/1	0	0	0	0	146	9	5	0.01	1.09	0
21270034+	21270004	6.69	35 1-	2 ACSR 6/1	0	0	0	0	146	9	5	0.01	1.10	0
21270035+	21270034	6.76	34 1-	2 ACSR 6/1	0	0	0	0	143	9	5	0.01	1.11	1
21270036+	21270035	6.83	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.11	0
20850224+	21270035	6.81	33 1-	2 ACSR 6/1	0	0	0	0	136	9	5	0.01	1.12	0
20850311+	20850224	6.85	32 1-	2 ACSR 6/1	0	0	0	0	134	9	5	0.01	1.12	0
20850310+	20850311	6.93	30 1-	2 ACSR 6/1	0	0	0	0	116	7	4	0.01	1.13	0
21270006+	20850310	7.01	29 1-	2 ACSR 6/1	0	0	0	0	111	7	4	0.01	1.14	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21270007+	21270006	7.38	5 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.01	1.15	0
21270009+	21270007	7.45	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.15	0
212700024+	21270009	7.51	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.15	0
212700020+	21270024	7.64	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.15	0
212700008+	21270007	7.56	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.15	0
212700023+	21270008	7.60	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.15	0
20851735+	21270008	8.10	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.15	0
212700022+	21270006	7.10	23 1-	2 ACSR 6/1	0	0	0	0	90	6	3	0.01	1.15	0
212700011+	21270022	7.14	21 1-	2 ACSR 6/1	0	0	0	0	78	5	3	0.00	1.15	0
212700021+	21270011	7.20	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.15	0
212700010+	21270011	7.22	18 1-	2 ACSR 6/1	0	0	0	0	69	4	3	0.01	1.16	0
212600031+	21270010	7.27	6 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	1.16	0
212700012+	21260031	7.38	6 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	1.16	0
20851531+	21270012	7.48	5 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	1.16	0
20851694+	20851531	7.57	4 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	1.16	0
20851695+	20851694	7.65	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.16	0
212600025+	21270010	7.27	10 1-	2 ACSR 6/1	0	0	0	0	46	3	2	0.00	1.16	0
212600024+	21260025	7.33	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.16	0
212600023+	21260025	7.32	6 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	1.16	0
212600029+	21260023	7.43	5 1-	2 ACSR 6/1	0	0	0	0	15	0	1	0.00	1.16	0
212600028+	21260029	7.51	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.16	0
212600030+	21260028	7.67	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.16	0
212600002+	21260028	7.57	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.16	0
21-26-P035-B+	21260002	7.57	0 1-	Open	0	0	0	0	0	0	0	0.00	1.16	0
20851092+	21260023	7.57	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.16	0
212700005+	20850310	7.08	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.13	0
20850309+	20850311	6.98	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.12	0
212700033+	21270004	6.79	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.09	0
D21-27-P019+	21270014	6.59	1 1-	REC-35-E	0	0	0	0	1	0	0	0.00	1.08	0
212700032+	D21-27-P019	6.75	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	1.08	0
212700013+	20852019	6.03	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.70	0
20850225+	20852019	5.97	2 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	2.24	0
20852018+	20851830	5.73	6 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	2.20	0
211700003+	20852018	5.75	4 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	2.20	0
211700004+	21170003	5.89	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.20	0
20851828+	20851827	5.68	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.16	0
20851591+	20851986	5.69	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.07	0
20851984+	20851982	5.05	1 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.74	0
20852089+	20852332	5.04	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.03	0
21080019+	21080018	4.48	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.76	0
210800015+	21080016	4.33	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.76	0
20851524+	15980012	4.01	598 3-	1/0 ACSR 6/1	0	0	0	0	2589	57	25	0.05	1.12	110
20851525+	20851524	4.07	597 3-	1/0 ACSR 6/1	0	0	0	0	2574	57	25	0.02	1.14	53
20851618+	20851525	4.15	596 3-	1/0 ACSR 6/1	0	0	0	0	2568	57	25	0.04	1.17	87
20851619+	20851618	4.22	594 3-	1/0 ACSR 6/1	0	0	0	0	2560	57	25	0.03	1.20	61
159800014+	20851619	4.41	594 3-	1/0 ACSR 6/1	0	0	0	0	2560	57	25	0.08	1.27	188
D21-08-P040+	15980014	4.41	4 1-	FUS-40	0	0	0	0	19	1	4	0.00	2.05	0
210800030+	D21-08-P040	4.45	4 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	2.05	0
210800032+	21080030	4.48	3 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	2.05	0
210800033+	21080032	4.56	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.05	0
159800017+	21080033	4.83	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.05	0
210800025+	15980014	4.60	590 3-	1/0 ACSR 6/1	0	0	0	0	2539	56	25	0.08	1.34	182

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21080026+	21080025	4.66	589 3-	1/0 ACSR 6/1	0	0	0	0	2537	56	25	0.03	1.36	58
21080004+	21080026	4.70	587 3-	1/0 ACSR 6/1	0	0	0	0	2530	56	25	0.02	1.38	46
21080003+	21080004	4.72	586 3-	1/0 ACSR 6/1	0	0	0	0	2526	56	25	0.01	1.38	12
21-08-P047-B+	21080003	4.72	586 3-	Closed	0	0	0	0	2526	56	0	0.00	1.38	0
21-08-P047-A+	21-08-P047-B	4.72	586 3-	Closed	0	0	0	0	2526	56	0	0.00	1.38	0
21080006+	21-08-P047-A	4.76	586 3-	1/0 ACSR 6/1	0	0	0	0	2526	56	25	0.02	1.40	46
21080007+	21080006	4.83	90 3-	2 ACSR 6/1	0	0	0	0	384	8	5	0.01	1.41	3
21080008+	21080007	4.86	88 3-	2 ACSR 6/1	0	0	0	0	375	8	5	0.00	1.41	1
21080009+	21080008	4.91	87 3-	2 ACSR 6/1	0	0	0	0	368	8	5	0.01	1.42	2
21080012+	21080009	4.99	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.16	0
21080031+	21080009	4.95	87 3-	2 ACSR 6/1	0	0	0	0	368	8	5	0.01	1.42	2
D21-07-P079+	21080031	4.95	87 3-	REC-35-E	0	0	0	0	368	8	24	0.00	1.42	0
21070047+	D21-07-P079	4.99	87 3-	2 ACSR 6/1	0	0	0	0	368	8	5	0.00	1.43	2
21070014+	21070047	5.06	87 3-	2 ACSR 6/1	0	0	0	0	368	8	5	0.01	1.43	3
15970030+	21070014	5.11	12 1-	2 ACSR 6/1	0	0	0	0	29	1	1	0.00	1.18	0
20851460+	15970030	5.17	5 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	1.18	0
20851461+	20851460	5.21	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.18	0
15970032+	21070014	5.08	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.29	0
15970011+	21070014	5.15	73 3-	2 ACSR 6/1	0	0	0	0	327	7	4	0.01	1.44	3
15970033+	15970011	5.24	4 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	2.31	0
20851553+	15970033	5.35	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.31	0
15980018+	20851553	5.54	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.31	0
15970023+	15970011	5.34	69 3-	2 ACSR 6/1	0	0	0	0	314	7	4	0.02	1.46	6
15970024+	15970023	5.46	68 3-	2 ACSR 6/1	0	0	0	0	309	6	4	0.01	1.47	4
15970028+	15970024	5.51	63 3-	2 ACSR 6/1	0	0	0	0	280	6	4	0.00	1.47	1
15970029+	15970028	5.59	62 3-	2 ACSR 6/1	0	0	0	0	275	6	3	0.01	1.48	2
15870077+	15970029	5.66	58 3-	2 ACSR 6/1	0	0	0	0	266	6	3	0.01	1.48	2
15870009+	15870077	5.69	56 3-	2 ACSR 6/1	0	0	0	0	263	5	3	0.00	1.49	0
15870092+	15870091	5.72	56 3-	2 ACSR 6/1	0	0	0	0	263	5	3	0.00	1.49	0
15870069+	15870092	5.79	54 3-	2 ACSR 6/1	0	0	0	0	259	5	3	0.01	1.49	2
15870072+	15870069	5.96	5 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	1.25	0
15870074+	15870072	6.05	4 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	1.25	0
15870075+	15870074	6.12	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.25	0
15870076+	15870075	6.17	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.25	0
15870073+	15870072	6.03	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.25	0
15870071+	15870069	5.82	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.25	0
15870070+	15870069	5.88	46 3-	2 ACSR 6/1	0	0	0	0	222	5	3	0.01	1.50	2
20850405+	15870070	5.90	45 3-	2 ACSR 6/1	0	0	0	0	213	4	3	0.00	1.50	0
20850429+	20850405	5.99	38 3-	2 ACSR 6/1	0	0	0	0	171	3	2	0.00	1.51	1
20850430+	20850429	6.09	38 3-	2 ACSR 6/1	0	0	0	0	171	3	2	0.00	1.51	1
D15-87-P019+	20850430	6.09	12 1-	FUS	0	0	0	0	67	4	104	0.00	2.45	0
15870102+	D15-87-P019	6.14	12 1-	2 ACSR 6/1	0	0	0	0	67	4	3	0.00	2.45	0
20850325+	15870102	6.18	8 1-	2 ACSR 6/1	0	0	0	0	47	3	2	0.00	2.45	0
20850326+	20850325	6.22	7 1-	2 ACSR 6/1	0	0	0	0	41	2	2	0.00	2.46	0
20850687+	20850326	6.25	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	2.46	0
20850688+	20850687	6.29	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.46	0
20850524+	20850326	6.30	2 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	2.46	0
20850324+	15870102	6.20	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.45	0
D15-87-P019A+	20850430	6.09	15 1-	FUS	0	0	0	0	47	3	73	0.00	2.45	0
15870103+	D15-87-P019A	6.16	15 1-	2 ACSR 6/1	0	0	0	0	47	3	2	0.00	2.45	0
20850044+	15870103	6.22	14 1-	2 ACSR 6/1	0	0	0	0	44	3	2	0.00	2.46	0
15870098+	20850044	6.26	5 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	2.46	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850130+	15870098	6.31	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	2.46	0
20850131+	20850130	6.42	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.46	0
15-87-P013-B+	20850131	6.42	0 1-	Open	0	0	0	0	0	0	0	0.00	2.46	0
15870097+	20850044	6.25	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.46	0
15870093+	20850044	6.27	6 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	2.46	0
15870094+	15870093	6.33	5 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	2.46	0
15870096+	15870094	6.38	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.46	0
15870095+	15870094	6.38	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.46	0
20850547+	20850430	6.14	8 1-	2 ACSR 6/1	0	0	0	0	37	2	1	0.00	1.26	0
20850548+	20850547	6.16	6 1-	2 ACSR 6/1	0	0	0	0	30	2	1	0.00	1.26	0
20850549+	20850548	6.24	5 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	1.26	0
20850550+	20850549	6.26	4 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	1.26	0
15870087+	20850550	6.38	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.26	0
20850379+	20850430	6.13	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	1.25	0
20850406+	20850405	5.93	6 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.00	1.25	0
20850407+	20850406	5.98	5 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	1.25	0
20850408+	20850407	6.00	3 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	1.25	0
20850428+	20850408	6.04	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.25	0
15870081+	15870070	5.91	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	0.83	0
15870090+	15870077	5.76	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.39	0
15970026+	15970024	5.51	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	2.36	0
15970027+	15970026	5.53	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.36	0
15970025+	15970024	5.53	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.22	0
21080005+	21080006	4.88	496 3-	2 ACSR 6/1	0	0	0	0	2142	48	27	0.07	1.46	130
21070023+	21080005	4.92	492 3-	2 ACSR 6/1	0	0	0	0	2128	48	27	0.02	1.48	43
21070024+	21070023	4.99	490 3-	2 ACSR 6/1	0	0	0	0	2119	47	27	0.04	1.52	69
21070025+	21070024	5.30	489 3-	2 ACSR 6/1	0	0	0	0	2111	47	27	0.19	1.68	335
21070026+	21070025	5.34	9 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	1.47	0
21070029+	21070026	5.42	8 1-	2 ACSR 6/1	0	0	0	0	15	0	1	0.00	1.47	0
D21-07-P018+	21070029	5.42	7 1-	FUS-50	0	0	0	0	15	0	2	0.00	1.47	0
21070010+	D21-07-P018	5.45	7 1-	2 ACSR 6/1	0	0	0	0	15	0	1	0.00	1.47	0
21070009+	21070010	5.64	4 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.47	0
15970031+	21070009	5.71	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.47	0
15970034+	21070009	5.75	3 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.47	0
21070032+	15970034	5.83	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.47	0
21070031+	15970034	5.81	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.47	0
21070030+	21070010	5.50	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.47	0
21070020+	21070025	5.45	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.47	0
20851816+	21070020	5.59	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.47	0
20851817+	20851816	5.66	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.47	0
21070011+	21070025	5.35	477 3-	1/0 ACSR 6/1	0	0	0	0	2081	47	20	0.01	1.69	28
21070034+	21070011	5.42	475 3-	1/0 ACSR 6/1	0	0	0	0	2078	47	20	0.02	1.71	48
21070035+	21070034	5.52	474 3-	1/0 ACSR 6/1	0	0	0	0	2073	46	20	0.03	1.74	64
21070022+	21070035	5.56	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.64	0
21070021+	21070035	5.60	472 3-	1/0 ACSR 6/1	0	0	0	0	2062	46	20	0.03	1.76	52
21070028+	21070021	5.68	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.56	0
21070027+	21070021	5.65	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.67	0
21070012+	21070021	5.77	471 3-	1/0 ACSR 6/1	0	0	0	0	2060	46	20	0.06	1.81	105
21070038+	21070012	5.85	469 3-	1/0 ACSR 6/1	0	0	0	0	2054	46	20	0.03	1.83	51
D21-07-P003+	21070038	5.85	1 1-	FUS	0	0	0	0	8	0	12	0.00	2.76	0
21070046+	D21-07-P003	6.28	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.76	0
21070043+	21070038	5.92	4 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.65	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21070045+	21070043	5.99	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.65	0
21070044+	21070043	5.99	3 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.65	0
21070037+	21070038	5.97	464 3-	1/0 ACSR 6/1	0	0	0	0	2039	46	20	0.04	1.87	75
21070016+	21070037	6.12	464 3-	1/0 ACSR 6/1	0	0	0	0	2038	46	20	0.05	1.91	99
21070017+	21070016	6.30	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.86	0
21070018+	21070017	6.35	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.86	0
21070019+	21070018	6.44	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.86	0
20850528+	21070016	6.20	463 3-	1/0 ACSR 6/1	0	0	0	0	2032	46	20	0.02	1.93	45
20850530+	20850528	6.29	5 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	1.15	0
20850853+	20850530	6.37	4 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	1.16	0
21060006+	20850853	6.44	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.16	0
21060005+	20850853	6.46	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.16	0
20850529+	20850528	6.29	456 3-	1/0 ACSR 6/1	0	0	0	0	2004	45	20	0.03	1.96	57
21060007+	20850529	6.42	455 3-	1/0 ACSR 6/1	0	0	0	0	1998	45	20	0.04	1.99	78
D21-16-P054+	21060007	6.42	3 1-	FUS	0	0	0	0	2	0	4	0.00	1.18	0
21160053+	D21-16-P054	6.89	3 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.18	0
20851818+	21160053	7.02	2 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	1.18	0
20851820+	20851818	7.06	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	1.18	0
20851819+	20851818	7.13	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.18	0
21160049+	21060007	6.49	452 3-	1/0 ACSR 6/1	0	0	0	0	1995	45	20	0.02	2.01	44
D21-16-P166+	21160049	6.49	48 1-	REC-50-E	0	0	0	0	170	11	23	0.00	1.86	0
21160052+	D21-16-P166	6.66	48 1-	2 ACSR 6/1	0	0	0	0	170	11	6	0.03	1.89	4
21060009+	21160052	6.72	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.89	0
21060008+	21160052	6.76	47 1-	2 ACSR 6/1	0	0	0	0	165	11	6	0.02	1.90	2
20850841+	21060008	6.79	44 1-	2 ACSR 6/1	0	0	0	0	143	9	5	0.00	1.91	0
20850842+	20850841	6.85	43 1-	2 ACSR 6/1	0	0	0	0	141	9	5	0.01	1.92	0
20850843+	20850842	6.96	42 1-	2 ACSR 6/1	0	0	0	0	134	9	5	0.01	1.93	2
20850844+	20850843	7.07	40 1-	2 ACSR 6/1	0	0	0	0	131	8	5	0.01	1.95	1
15960012+	20850844	7.12	39 1-	2 ACSR 6/1	0	0	0	0	123	8	5	0.01	1.95	0
15960013+	15960012	7.19	37 1-	2 ACSR 6/1	0	0	0	0	115	7	4	0.01	1.96	0
15960009+	15960013	7.31	35 1-	2 ACSR 6/1	0	0	0	0	111	7	4	0.01	1.97	1
15960010+	15960009	7.40	32 1-	2 ACSR 6/1	0	0	0	0	106	7	4	0.01	1.98	0
15960011+	15960010	7.66	30 1-	2 ACSR 6/1	0	0	0	0	100	6	4	0.03	2.01	2
20850132+	15960011	7.78	29 1-	2 ACSR 6/1	0	0	0	0	93	6	4	0.01	2.02	0
20850134+	20850132	7.83	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.02	0
15870105+	20850134	7.87	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.02	0
20850133+	20850132	7.84	25 1-	2 ACSR 6/1	0	0	0	0	79	5	3	0.00	2.03	0
15870051+	20850133	7.91	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.03	0
15-87-P013-A+	15870051	7.91	0 1-	Open	0	0	0	0	0	0	0	0.00	2.03	0
15870049+	20850133	7.93	25 1-	2 ACSR 6/1	0	0	0	0	79	5	3	0.01	2.03	0
15870008+	15870049	7.99	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.03	0
158700050+	15870049	8.15	23 1-	2 ACSR 6/1	0	0	0	0	74	5	3	0.02	2.05	0
15860007+	15870050	8.21	19 1-	2 ACSR 6/1	0	0	0	0	60	4	2	0.00	2.05	0
158600021+	15860007	8.30	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	2.06	0
158600025+	15860021	8.37	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.06	0
158600024+	15860021	8.34	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.06	0
158600008+	15860007	8.32	16 1-	2 ACSR 6/1	0	0	0	0	46	3	2	0.00	2.06	0
15860014+	15860008	8.54	14 1-	2 ACSR 6/1	0	0	0	0	44	2	2	0.01	2.07	0
158600015+	15860014	8.63	12 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	2.07	0
158600016+	15860015	8.85	11 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.01	2.08	0
158600013+	15860016	9.00	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.08	0
158600009+	15860013	9.06	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	2.08	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15860011+	15860016	9.03	9 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	2.08	0
15860012+	15860011	9.14	7 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	2.08	0
15760006+	15860012	9.39	5 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.09	0
15760007+	15760006	9.60	5 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.09	0
15760009+	15760007	9.65	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.09	0
15760001+	15760009	9.88	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.09	0
15760003+	15760001	10.03	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.09	0
15760002+	15760001	10.03	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.09	0
15760008+	15760007	9.68	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.09	0
15760004+	15860012	9.25	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.08	0
15760005+	15760004	9.41	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.08	0
15860010+	15860011	9.09	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	2.08	0
15860020+	15860014	8.58	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.07	0
15870104+	15860020	8.59	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.07	0
15870078+	15870104	8.90	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.07	0
15860006+	15870050	8.26	4 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	2.05	0
15860022+	15860006	8.32	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	2.05	0
15960008+	15960013	7.43	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.96	0
20850852+	20850844	7.20	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.95	0
20850838+	21060008	6.83	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	1.91	0
21060004+	20850838	6.89	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.91	0
20850839+	20850838	6.91	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	1.91	0
20850840+	20850839	7.05	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.91	0
21160038+	21160049	6.57	404 3-	1/0 ACSR 6/1	0	0	0	0	1824	41	18	0.02	2.03	43
20850635+	21160038	6.70	1 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.21	0
21160039+	21160038	6.70	403 3-	1/0 ACSR 6/1	0	0	0	0	1811	41	18	0.03	2.07	65
C21-16-PB76+	21160039	6.70	0 3-	Capacitor	0	0	0	0	0	-7	0	0.00	2.07	0
21160040+	21160039	6.77	403 3-	1/0 ACSR 6/1	0	0	0	0	1811	40	18	0.02	2.09	33
21160041+	21160040	6.80	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.09	0
21160047+	21160040	6.84	403 3-	1/0 ACSR 6/1	0	0	0	0	1810	40	18	0.02	2.11	36
C21-16-PB78+	21160047	6.84	0 3-	Capacitor	0	0	0	0	0	-7	0	0.00	2.11	0
21160050+	21160047	6.92	403 3-	1/0 ACSR 6/1	0	0	0	0	1810	41	18	0.02	2.13	36
20852095+	21160050	6.98	402 3-	1/0 ACSR 6/1	0	0	0	0	1808	41	18	0.02	2.15	32
20852097+	20852095	7.02	111 3-	1/0 ACSR 6/1	0	0	0	0	407	9	4	0.00	2.16	2
20852082+	20852097	7.22	110 3-	1/0 ACSR-E	0	0	0	0	406	9	4	-0.01	2.17	11
D21-16-P111+	20852082	7.22	110 3-	REC-70-E	0	0	0	0	406	9	13	0.00	2.17	0
21160046+	D21-16-P111	7.39	110 3-	1/0 ACSR 6/1	0	0	0	0	406	9	4	-0.01	2.19	9
21160043+	21160046	7.46	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.96	0
21150049+	21160043	7.79	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.96	0
20851102+	21150049	8.02	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.96	0
21150055+	21160043	7.48	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.96	0
21160054+	21150055	7.53	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.96	0
20851222+	21160054	7.61	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.96	0
21160033+	21160046	7.55	102 3-	1/0 ACSR 6/1	0	0	0	0	383	8	4	-0.01	2.20	8
21150018+	21160033	7.61	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.34	0
21150017+	21160033	7.61	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.30	0
21150008+	21160033	7.72	99 3-	1/0 ACSR 6/1	0	0	0	0	378	8	4	-0.01	2.21	8
21150012+	21150008	7.75	3 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	3.34	0
21150014+	21150012	7.85	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	3.34	0
21150054+	21150014	8.17	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.34	0
21150013+	21150012	7.82	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.34	0
21150009+	21150008	7.87	96 3-	1/0 ACSR 6/1	0	0	0	0	365	8	4	-0.01	2.22	7

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21240009+	21240008	10.78	10 1-	2 ACSR 6/1	0	0	0	0	38	2	1	0.00	3.70	0
21240010+	21240009	10.93	10 1-	2 ACSR 6/1	0	0	0	0	38	2	1	0.01	3.71	0
21240011+	21240010	11.02	9 1-	2 ACSR 6/1	0	0	0	0	33	2	1	0.00	3.71	0
21240012+	21240011	11.10	9 1-	2 ACSR 6/1	0	0	0	0	33	2	1	0.00	3.72	0
21240013+	21240012	11.21	8 1-	2 ACSR 6/1	0	0	0	0	32	2	1	0.00	3.72	0
21240014+	21240013	11.24	8 1-	2 ACSR 6/1	0	0	0	0	32	2	1	0.00	3.72	0
21240004+	21240014	11.27	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.72	0
21240015+	21240014	11.30	8 1-	2 ACSR 6/1	0	0	0	0	32	2	1	0.00	3.72	0
21240017+	21240015	11.38	6 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	3.72	0
21240019+	21240017	11.43	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.72	0
21240018+	21240017	11.66	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	3.73	0
D21-23-P003+	21240018	11.66	2 1-	FUS-7	0	0	0	0	10	0	10	0.00	3.73	0
21230002+	D21-23-P003	11.80	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.73	0
20850582+	21230002	12.04	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.73	0
D21-23-P003A+	21240018	11.66	1 1-	FUS-7	0	0	0	0	2	0	2	0.00	3.73	0
20850717+	D21-23-P003A	12.13	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.73	0
21240016+	21240015	11.48	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.72	0
21240003+	21240009	11.66	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.70	0
21240006+	21240005	10.63	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.69	0
21250008+	21150036	10.00	11 1-	2 ACSR 6/1	0	0	0	0	44	3	2	0.00	3.66	0
21250002+	21250008	10.93	9 1-	2 ACSR 6/1	0	0	0	0	41	2	2	0.04	3.70	1
D21-35-P003+	21250002	10.93	4 1-	FUS-15	0	0	0	0	25	1	13	0.00	3.70	0
21350012+	D21-35-P003	11.06	4 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	3.71	0
21350014+	21350012	11.35	3 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	3.71	0
21250005+	21350014	11.38	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.71	0
21250006+	21250005	11.45	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.71	0
21250009+	21250006	11.47	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.71	0
21250011+	21250009	11.62	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.71	0
21250010+	21250011	11.92	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.71	0
21250007+	21250006	11.52	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.71	0
21350009+	21250002	11.04	5 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.71	0
21350013+	21350009	11.15	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.71	0
21350015+	21350009	11.12	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.71	0
21350010+	21350009	11.14	4 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	3.71	0
21350011+	21350010	11.20	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.71	0
21250004+	21250008	10.03	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.66	0
21150024+	21150023	9.44	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.60	0
21150015+	21150033	9.33	0 3-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.30	0
21150029+	21150015	9.40	0 3-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.30	0
21150020+	21150033	9.29	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.43	0
21150032+	21150021	9.16	6 1-	2 ACSR 6/1	0	0	0	0	29	1	1	0.00	1.43	0
21150025+	21150032	9.30	5 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	1.43	0
21150027+	21150025	9.35	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.43	0
21150026+	21150025	9.33	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.43	0
21150046+	21150045	9.08	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.89	0
21150047+	21150046	9.18	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.89	0
21150019+	21150046	9.22	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.89	0
21150041+	21150038	9.07	6 1-	2 ACSR 6/1	0	0	0	0	40	2	2	0.01	3.55	0
21150050+	21150041	9.17	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.55	0
21140017+	21150050	9.23	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.55	0
21150028+	21150041	9.11	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	3.55	0
21150042+	21150041	9.12	3 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	3.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21150044+	21150042	9.17	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.55	0
21150043+	21150042	9.16	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.55	0
21150056+	21140014	8.88	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.89	0
21150011+	21150010	8.04	6 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	3.39	0
21150039+	21150011	8.07	4 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	3.39	0
20850691+	21150039	8.17	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.39	0
20850672+	21150039	8.12	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.39	0
20850671+	21150039	8.15	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.39	0
21160036+	21160046	7.58	5 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	3.27	0
21160037+	21160036	7.64	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.27	0
D21-16-P182+	21160037	7.64	0 1-	FUS	0	0	0	0	0	0	0	0.00	3.27	0
21060010+	D21-16-P182	8.04	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.27	0
20850673+	21060010	8.10	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.27	0
20850527+	21060010	8.29	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.27	0
20851155+	21160036	7.63	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.27	0
20851154+	21160036	7.63	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.27	0
20852096+	20852095	7.04	7 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	1.98	0
20852106+	20852096	7.09	2 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	1.98	0
20852105+	20852096	7.08	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.98	0
21160042+	20852095	7.28	284 3-	1/0 ACSR 6/1	0	0	0	0	1372	31	14	0.10	2.23	85
D21-16-P012+	21160042	7.28	18 1-	REC-35-E	0	0	0	0	96	6	19	0.00	2.08	0
21160045+	D21-16-P012	7.43	18 1-	2 ACSR 6/1	0	0	0	0	96	6	4	0.01	2.10	1
20852309+	21160045	7.60	16 1-	2 ACSR 6/1	0	0	0	0	84	5	3	0.01	2.11	0
20852310+	20852309	7.75	15 1-	2 ACSR 6/1	0	0	0	0	78	5	3	0.01	2.12	0
20851152+	20852310	7.86	2 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	2.12	0
20850966+	20852310	7.81	13 1-	2 ACSR 6/1	0	0	0	0	62	4	2	0.00	2.13	0
20851310+	20850966	7.88	12 1-	2 ACSR 6/1	0	0	0	0	56	3	2	0.00	2.13	0
20851312+	20851310	7.99	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	2.13	0
20851153+	20851312	8.11	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.13	0
20852059+	20851153	8.16	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.13	0
21160035+	20851153	8.22	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.13	0
20851311+	20851310	7.94	8 1-	2 ACSR 6/1	0	0	0	0	39	2	1	0.00	2.13	0
20851150+	20851311	8.02	5 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	2.13	0
21150034+	20851150	8.06	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	2.13	0
21150035+	21150034	8.19	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.13	0
20851151+	20851150	8.12	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.13	0
20851149+	20851311	8.02	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	2.13	0
21160034+	21160045	7.52	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	2.10	0
20852137+	21160034	7.56	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.10	0
20852136+	21160034	7.57	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.10	0
21160044+	21160042	7.36	266 3-	1/0 ACSR 6/1	0	0	0	0	1276	28	13	0.02	2.25	19
20851937+	21160044	7.40	265 3-	1/0 ACSR 6/1	0	0	0	0	1268	28	13	0.01	2.26	9
20851931+	20851937	7.46	264 3-	1/0 ACSR 6/1	0	0	0	0	1262	28	12	0.02	2.28	15
20851932+	20851931	7.53	263 3-	1/0 ACSR 6/1	0	0	0	0	1262	28	12	0.02	2.29	16
20852129+	20851932	7.58	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.30	0
20852128+	20851932	7.77	260 3-	1/0 ACSR 6/1	0	0	0	0	1250	28	12	0.06	2.35	54
D21-16-P024+	20852128	7.77	260 3-	REC-70-E	0	0	0	0	1249	28	41	0.00	2.35	0
20852130+	D21-16-P024	7.89	260 3-	1/0 ACSR 6/1	0	0	0	0	1249	28	12	0.03	2.38	29
D21-16-P025+	20852130	7.89	19 1-	FUS	0	0	0	0	101	6	25	0.00	1.51	0
20852132+	D21-16-P025	8.08	19 1-	2 ACSR 6/1	0	0	0	0	101	6	4	0.02	1.53	1
20851585+	20852132	8.17	10 1-	2 ACSR 6/1	0	0	0	0	52	3	2	0.00	1.54	0
20851586+	20851585	8.23	8 1-	2 ACSR 6/1	0	0	0	0	43	2	2	0.00	1.54	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851588+	20851586	8.30	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	1.54	0
20851589+	20851588	8.34	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	1.54	0
20851587+	20851586	8.31	4 1-	2 ACSR 6/1	0	0	0	0	29	1	1	0.00	1.54	0
20851821+	20851587	8.36	3 1-	2 ACSR 6/1	0	0	0	0	22	1	1	0.00	1.54	0
20851822+	20851821	8.66	2 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	1.55	0
20851823+	20851822	8.77	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.55	0
20851590+	20851587	8.35	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.54	0
20852133+	20852132	8.15	8 1-	2 ACSR 6/1	0	0	0	0	41	2	2	0.00	1.54	0
20852134+	20852133	8.20	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.54	0
20852289+	20852133	8.22	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	1.54	0
20851646+	20852133	8.32	4 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	1.54	0
20851647+	20851646	8.40	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.54	0
20852135+	20852130	7.96	240 3-	1/0 ACSR 6/1	0	0	0	0	1146	26	11	0.02	2.39	14
20851156+	20852135	8.01	235 3-	1/0 ACSR 6/1	0	0	0	0	1139	25	11	0.01	2.40	8
20851159+	20851156	8.07	233 3-	1/0 ACSR 6/1	0	0	0	0	1131	25	11	0.02	2.42	12
D21-16-P042+	20851159	8.07	6 1-	FUS	0	0	0	0	35	2	55	0.00	3.42	0
20851678+	D21-16-P042	8.15	6 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.00	3.42	0
20851680+	20851678	8.21	5 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	3.42	0
20851681+	20851680	8.27	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	3.42	0
20851682+	20851681	8.29	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.42	0
20851648+	20851681	8.42	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.42	0
20851679+	20851678	8.19	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.42	0
21160048+	20851159	8.18	220 3-	1/0 ACSR 6/1	0	0	0	0	1063	24	11	0.03	2.44	18
21260013+	21160048	8.22	214 3-	1/0 ACSR 6/1	0	0	0	0	1038	23	10	0.01	2.45	6
21260020+	21260013	8.26	211 3-	1/0 ACSR 6/1	0	0	0	0	1019	23	10	0.01	2.45	6
21260021+	21260020	8.30	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	1.57	0
21260014+	21260021	8.34	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.57	0
21260011+	21260020	8.28	206 3-	1/0 ACSR 6/1	0	0	0	0	1000	22	10	0.01	2.46	4
21260022+	21260011	8.34	4 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	1.57	0
21260026+	21260011	8.34	200 3-	1/0 ACSR 6/1	0	0	0	0	972	22	10	0.01	2.47	9
21260027+	21260026	8.86	197 3-	1/0 ACSR 6/1	0	0	0	0	960	21	10	0.13	2.56	78
21260001+	21260027	8.92	197 3-	1/0 ACSR 6/1	0	0	0	0	959	21	10	0.01	2.58	9
21260005+	21260001	8.99	196 3-	1/0 ACSR 6/1	0	0	0	0	953	21	9	0.02	2.59	10
21260006+	21260005	9.02	194 3-	1/0 ACSR 6/1	0	0	0	0	949	21	9	0.01	2.59	5
21260007+	21260006	9.13	193 3-	1/0 ACSR 6/1	0	0	0	0	941	21	9	0.03	2.61	15
21260010+	21260007	9.18	190 3-	1/0 ACSR 6/1	0	0	0	0	916	20	9	0.01	2.62	7
21260015+	21260010	9.27	189 3-	1/0 ACSR 6/1	0	0	0	0	909	20	9	0.02	2.64	13
20851094+	21260015	9.31	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.68	0
21360022+	21260015	9.35	187 3-	1/0 ACSR 6/1	0	0	0	0	901	20	9	0.02	2.65	12
20851095+	21360022	9.55	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.70	0
20851010+	20851095	9.88	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.70	0
20851197+	21360022	9.39	186 3-	1/0 ACSR 6/1	0	0	0	0	898	20	9	0.01	2.66	5
20851198+	20851197	9.47	185 3-	1/0 ACSR 6/1	0	0	0	0	892	20	9	0.02	2.67	11
20851201+	20851198	9.53	183 3-	1/0 ACSR 6/1	0	0	0	0	882	20	9	0.01	2.68	7
20851203+	20851201	9.66	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.66	0
20851204+	20851203	9.70	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.66	0
20851202+	20851201	9.59	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	2.65	0
20851200+	20851201	9.62	3 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.74	0
20850890+	20851200	9.67	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.74	0
20850889+	20850890	9.93	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.74	0
20851199+	20851201	9.61	175 3-	1/0 ACSR 6/1	0	0	0	0	843	19	8	0.02	2.70	10
20850689+	20851199	9.67	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.67	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21470031+	21470027	11.51	44 1-	2 ACSR 6/1	0	0	0	0	195	13	7	0.02	3.03	2
21470033+	21470031	11.57	42 1-	2 ACSR 6/1	0	0	0	0	188	12	7	0.01	3.04	2
21470038+	21470033	11.63	41 1-	2 ACSR 6/1	0	0	0	0	182	12	7	0.01	3.05	2
21470040+	21470038	11.76	35 1-	2 ACSR 6/1	0	0	0	0	153	10	6	0.02	3.07	2
21470036+	21470040	11.80	32 1-	2 ACSR 6/1	0	0	0	0	143	9	5	0.01	3.07	0
D21-47-P022+	21470036	11.80	11 1-	REC-25-E	0	0	0	0	48	3	13	0.00	3.07	0
21470051+	D21-47-P022	11.85	11 1-	2 ACSR 6/1	0	0	0	0	48	3	2	0.00	3.08	0
21470052+	21470051	12.17	8 1-	2 ACSR 6/1	0	0	0	0	33	2	1	0.01	3.09	0
D21-47-P028+	21470052	12.17	1 1-	FUS	0	0	0	0	2	0	3	0.00	3.09	0
21470061+	D21-47-P028	12.31	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.09	0
21470044+	21470052	12.25	6 1-	2 ACSR 6/1	0	0	0	0	28	1	1	0.00	3.09	0
21470045+	21470044	12.28	5 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	3.09	0
21470043+	21470052	12.23	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.09	0
21470025+	21470036	11.85	20 1-	2 ACSR 6/1	0	0	0	0	89	6	3	0.00	3.08	0
21470041+	21470025	11.94	7 1-	2 ACSR 6/1	0	0	0	0	37	2	1	0.00	3.08	0
21470060+	21470041	12.20	5 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.09	0
21470059+	21470060	12.28	5 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.09	0
21470054+	21470059	12.42	3 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.09	0
21470042+	21470041	12.09	1 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.08	0
21470026+	21470025	11.99	13 1-	2 ACSR 6/1	0	0	0	0	51	3	2	0.01	3.09	0
21470047+	21470026	12.23	13 1-	2 ACSR 6/1	0	0	0	0	51	3	2	0.01	3.10	0
21470048+	21470047	12.28	12 1-	2 ACSR 6/1	0	0	0	0	51	3	2	0.00	3.10	0
21470049+	21470048	12.45	11 1-	2 ACSR 6/1	0	0	0	0	51	3	2	0.01	3.11	0
21470050+	21470049	12.51	10 1-	2 ACSR 6/1	0	0	0	0	40	2	2	0.00	3.11	0
21470053+	21470050	12.56	9 1-	2 ACSR 6/1	0	0	0	0	34	2	1	0.00	3.11	0
21570005+	21470053	12.60	5 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.12	0
21570006+	21570005	12.68	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.12	0
21570004+	21570005	12.70	4 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.12	0
21570001+	21470053	12.59	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.11	0
21570002+	21570001	12.65	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.11	0
21570003+	21570002	12.81	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.11	0
21560001+	21570003	13.03	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.11	0
21470046+	21470050	12.59	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.11	0
21470039+	21470038	11.68	2 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.05	0
21470034+	21470039	11.73	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.05	0
21470035+	21470034	11.78	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.05	0
21470064+	21470038	11.70	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.05	0
21470037+	21470038	11.69	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.05	0
21470032+	21470031	11.55	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.03	0
21470028+	21470027	11.46	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.93	0
21470019+	21470015	11.41	11 1-	2 ACSR 6/1	0	0	0	0	47	3	2	0.00	1.70	0
20851891+	21470019	11.52	10 1-	2 ACSR 6/1	0	0	0	0	43	2	2	0.00	1.71	0
20851873+	20851891	11.57	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.71	0
20850086+	20851891	11.60	7 1-	2 ACSR 6/1	0	0	0	0	34	2	1	0.00	1.71	0
20850087+	20850086	11.72	6 1-	2 ACSR 6/1	0	0	0	0	29	1	1	0.00	1.72	0
20851875+	20850087	11.82	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.72	0
20851874+	20850087	11.75	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	1.72	0
20851892+	20850087	11.80	5 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	1.72	0
20851896+	20851892	11.99	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.72	0
20851893+	20851892	11.88	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.72	0
21470016+	21470015	11.41	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.92	0
20851888+	21470014	11.35	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.99	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21470013+	21470021	11.28	1 1-	2 ACSR 6/1	0	0	0	0	46	3	2	0.00	3.93	0
21470023+	21470013	11.32	1 1-	2 ACSR 6/1	0	0	0	0	46	3	2	0.00	3.93	0
214700024+	21470023	11.35	1 1-	2 ACSR 6/1	0	0	0	0	46	3	2	0.00	3.93	0
21470018+	21470024	11.39	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.93	0
214700022+	21470013	11.31	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.93	0
21470012+	21460003	11.15	2 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	2.96	0
214700062+	21470012	11.24	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.96	0
213700009+	21470062	11.31	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	2.96	0
21470011+	21460003	11.13	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.92	0
21470017+	21460003	11.17	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.96	0
20852342+	20852346	10.85	2 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	2.92	0
20852349+	20852347	10.70	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	2.89	0
20852348+	20852347	10.71	4 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	3.89	0
20852122+	20852121	10.48	10 1-	2 ACSR 6/1	0	0	0	0	52	3	2	0.00	3.88	0
20852123+	20852122	10.54	9 1-	2 ACSR 6/1	0	0	0	0	46	3	2	0.00	3.88	0
20852353+	20852123	10.61	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.88	0
20852337+	20852353	10.65	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.88	0
20852352+	20852123	10.64	5 1-	2 ACSR 6/1	0	0	0	0	27	1	1	0.00	3.89	0
214600009+	20852352	10.68	3 1-	2 ACSR 6/1	0	0	0	0	20	1	1	0.00	3.89	0
21460011+	21460009	10.73	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.89	0
21460010+	21460009	10.74	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	3.89	0
21460013+	21460010	10.92	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.89	0
20852117+	20852123	10.61	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.88	0
213600024+	21360021	9.97	27 1-	2 ACSR 6/1	0	0	0	0	123	8	5	0.00	3.83	0
D21-36-P065+	21360024	9.97	26 1-	REC-25-E	0	0	0	0	122	8	34	0.00	3.83	0
21360023+	D21-36-P065	9.99	26 1-	2 ACSR 6/1	0	0	0	0	122	8	5	0.00	3.83	0
20850896+	21360023	10.02	25 1-	2 ACSR 6/1	0	0	0	0	121	8	5	0.00	3.83	0
20850897+	20850896	10.06	24 1-	2 ACSR 6/1	0	0	0	0	115	7	4	0.01	3.84	0
20851088+	20850897	10.12	14 1-	2 ACSR 6/1	0	0	0	0	66	4	3	0.00	3.84	0
20851528+	20851088	10.22	13 1-	2 ACSR 6/1	0	0	0	0	57	3	2	0.01	3.85	0
20851529+	20851528	10.27	12 1-	2 ACSR 6/1	0	0	0	0	51	3	2	0.00	3.85	0
21350016+	20851529	10.32	11 1-	2 ACSR 6/1	0	0	0	0	45	3	2	0.00	3.85	0
21350019+	21350016	10.37	4 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	3.85	0
21350020+	21350019	10.40	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.85	0
21350023+	21350020	10.56	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.85	0
21350021+	21350019	10.42	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.85	0
21350022+	21350021	10.45	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	3.85	0
21350017+	21350016	10.38	7 1-	2 ACSR 6/1	0	0	0	0	33	2	1	0.00	3.85	0
21350026+	21350017	10.45	6 1-	2 ACSR 6/1	0	0	0	0	24	1	1	0.00	3.86	0
21350027+	21350026	10.50	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.86	0
21350028+	21350027	10.56	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.86	0
21350024+	21350026	10.60	4 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	3.86	0
21350025+	21350024	10.68	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.86	0
20850085+	21350025	10.77	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.86	0
20852079+	21350025	10.70	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.86	0
20852001+	20852079	10.88	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	3.86	0
20852002+	20852001	11.06	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.86	0
20852080+	20852002	11.16	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.86	0
20850900+	20850897	10.13	9 1-	2 ACSR 6/1	0	0	0	0	43	2	2	0.00	3.84	0
20850901+	20850900	10.22	8 1-	2 ACSR 6/1	0	0	0	0	40	2	2	0.00	3.85	0
20850899+	20850901	10.31	7 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	3.85	0
20851086+	20850899	10.40	5 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	3.85	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851087+	20851086	10.52	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	3.85	0
20851057+	20851086	10.58	3 1-	2 ACSR 6/1	0	0	0	0	15	1	1	0.00	3.85	0
21350029+	20851057	10.61	2 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	3.85	0
21350030+	21350029	10.68	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.85	0
21350031+	21350030	10.79	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	3.85	0
20850874+	20850899	10.37	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	3.85	0
20850898+	20850901	10.29	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	3.85	0
20850895+	21360023	10.03	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	3.83	0
20851089+	21360024	10.03	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	3.83	0
20851090+	20851089	10.11	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	3.83	0
20850787+	20850785	9.81	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	2.70	0
20850786+	20850785	9.80	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	3.78	0
20851410+	20850785	9.76	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.70	0
21260009+	21260007	9.19	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.56	0
20851093+	21260009	9.25	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.56	0
21260008+	21260007	9.15	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	3.65	0
21260004+	21260001	8.93	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.62	0
21260003+	21260027	8.87	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.61	0
21-26-P035-A+	21260003	8.87	0 1-	Open	0	0	0	0	0	0	0	0.00	1.61	0
21260019+	21260013	8.27	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.56	0
21260012+	21160048	8.21	5 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	1.56	0
21260018+	21260012	8.23	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	1.56	0
21260016+	21260018	8.27	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.56	0
21260017+	21260016	8.29	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.56	0
21160055+	20851159	8.13	1 1-	1/0 ACSR 6/1	0	0	0	0	4	0	0	0.00	2.29	0
20851158+	20851159	8.13	4 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	3.42	0
20851291+	20851158	8.16	3 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	3.42	0
21160057+	20851291	8.25	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	3.42	0
20851157+	20851156	8.04	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	2.28	0
20851936+	21160044	7.42	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.39	0
20850634+	20850529	6.36	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	2.92	0
21070036+	21070012	5.81	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.08	0
21070033+	21070011	5.39	2 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	1.48	0
21070015+	21080005	4.93	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	1.22	0
21070013+	21070015	5.00	2 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	1.22	0
21080011+	21070013	5.06	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.22	0
21080021+	21080026	4.70	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.10	0
15980013+	20851619	4.27	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.95	0
20851325+	20851524	4.04	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.84	0
20852341+	20852340	2.90	1 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.52	0
20852336+	20852335	2.71	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.17	0
20852338+	20852336	2.80	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.17	0
22120038+	22120019	0.84	1 1-	2 ACSR 6/1	0	0	0	0	3	0	0	0.00	0.33	0
22230071+	22230037	0.28	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	0.04	0
CKT	3 total losses:	\$7,634												
SUB	85, CKT 4													
BK8504+	CARPENTER (85)	0.00	17 3-	BK8504	0	0	0	0	2925	68	34	0.00	0.00	0
22230024+	BK8504	0.10	17 3-	336 ACSR 18/1	0	0	0	0	2925	68	13	0.03	0.03	42
D22-23-P013+	22230024	0.10	5 1-	FUS	0	0	0	0	45	3	72	0.00	0.03	0
22230025+	D22-23-P013	0.18	5 1-	2 ACSR 6/1	0	0	0	0	45	3	2	0.00	0.03	0
22230045+	22230025	0.23	1 1-	2 ACSR 6/1	0	0	0	0	35	2	1	0.00	0.03	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 87	BACONCREEK(87)		135		5330	5376	5499	190	4407						
SUB 87,	CKT 1														
BK87-01	BACONCREEK(87)	0.00	29 3-	BK8701	5330	5376	5499	190	1905	84 42	0.00	0.00	0.00	0	
9640213	BK87-01	0.04	29 3-	4/0 ACSR 6/1	5219	5252	5312	190	1905	84 25	0.04	0.04	0.04	42	
9640167	9640213	0.05	0 3-	4/0 ACSR 6/1	5205	5237	5290	190	0	0 0	0.00	0.00	0.04	0	
09-64-P093-A	9640167	0.05	0 3-	Open	5205	5237	5290	190	0	0 0	0.00	0.00	0.04	0	
9640164	9640213	0.06	29 3-	4/0 ACSR 6/1	5167	5194	5226	190	1905	84 25	0.02	0.05	0.20	20	
9640170	9640164	0.22	28 3-	4/0 ACSR 6/1	4776	4753	4615	190	1901	84 25	0.14	0.20	1.62	162	
9640171	9640170	0.26	24 3-	4/0 ACSR 6/1	4682	4648	4476	189	1891	84 25	0.04	0.23	0.42	42	
9640052	9640171	0.31	23 3-	4/0 ACSR 6/1	4560	4510	4298	189	1858	82 24	0.05	0.28	0.55	55	
9640201	9640052	0.36	23 3-	4/0 ACSR 6/1	4471	4410	4172	189	1858	82 24	0.04	0.32	0.42	42	
9640165	9640201	0.38	0 1-	2 ACSR 6/1	0	0	4079	189	0	0 0	0.00	0.27	0		
9640053	9640201	0.41	23 3-	4/0 ACSR 6/1	4369	4297	4031	189	1857	82 24	0.04	0.37	0.50	50	
D09-64-P192	9640053	0.41	1 1-	FUS	0	0	4031	189	1	0 4	0.00	0.31	0		
9640166	D09-64-P192	0.47	1 1-	2 ACSR 6/1	0	0	3830	188	1	0 0	0.00	0.31	0		
9640133	9640166	0.54	1 1-	2 ACSR 6/1	0	0	3628	188	1	0 0	0.00	0.31	0		
9640189	9640053	0.45	22 3-	4/0 ACSR 6/1	4290	4209	3924	189	1856	82 24	0.04	0.40	0.40	40	
9640200	9640189	0.49	1 3-	4/0 ACSR 6/1	4216	4127	3826	189	63	2 1	0.00	0.40	0		
9640202	9640189	0.53	21 3-	336 ACSR 18/1	4161	4063	3751	189	1793	79 15	0.05	0.45	0.49	49	
9640218	9640202	0.57	1 3-	15 KV 2 URD XLP	4122	4028	3704	490	84	3 2	0.00	0.46	0		
9640217	9640202	0.63	19 3-	336 ACSR 18/1	4019	3905	3566	188	651	29 6	0.02	0.48	8		
9630211	9640217	0.68	19 3-	4/0 ACSR 6/1	3941	3821	3469	188	651	29 9	0.02	0.49	6		
9630212	9630211	0.70	11 3-	4/0 ACSR 6/1	3901	3777	3419	188	370	16 5	0.01	0.50	0		
9630142	9630212	0.71	1 3-	4/0 ACSR 6/1	3890	3766	3406	188	48	2 1	0.00	0.50	0		
9630141	9630212	0.75	1 3-	4/0 ACSR 6/1	3830	3701	3332	188	53	2 1	0.00	0.50	0		
9630213	9630212	0.73	9 3-	4/0 ACSR 6/1	3856	3730	3365	188	269	12 4	0.00	0.50	0		
D09-63-P118	9630213	0.73	9 3-	REC-50-H	3856	3730	3365	188	269	12 24	0.00	0.50	0		
9630223	D09-63-P118	0.79	9 3-	4/0 ACSR 6/1	3768	3634	3257	188	269	12 4	0.01	0.51	1		
9630122	9630223	0.87	2 3-	2 ACSR 6/1	3617	3467	3087	187	79	3 2	0.01	0.52	0		
9630225	9630122	0.88	1 3-	2 ACSR 6/1	3584	3430	3050	187	74	3 2	0.00	0.52	0		
9630224	9630223	0.86	4 3-	4/0 ACSR 6/1	3667	3527	3138	188	185	8 2	0.01	0.52	0		
9630139	9630224	0.90	3 3-	4/0 ACSR 6/1	3610	3466	3071	188	138	6 2	0.00	0.52	0		
9630140	9630139	0.95	2 3-	4/0 ACSR 6/1	3545	3398	2996	187	133	6 2	0.00	0.52	0		
9630018	9630140	0.97	2 3-	4/0 ACSR 6/1	3512	3363	2959	187	133	6 2	0.00	0.52	0		
9640190	9630018	1.01	1 3-	4/0 ACSR 6/1	3460	3308	2900	187	5	0 0	0.00	0.52	0		
9630167	9630224	0.88	1 3-	4/0 ACSR 6/1	3640	3498	3106	188	46	2 1	0.00	0.52	0		
9630002	9630167	0.89	0 3-	4/0 ACSR 6/1	3622	3479	3085	188	0	0 0	0.00	0.52	0		
9630218	9630211	0.74	8 3-	4/0 ACSR 6/1	3850	3722	3356	188	281	12 4	0.01	0.50	2		
9630145	9630218	0.76	1 3-	4/0 ACSR 6/1	3812	3682	3310	188	59	2 1	0.00	0.50	0		
9630143	9630218	0.74	3 3-	4/0 ACSR 6/1	3839	3711	3343	188	215	9 3	0.00	0.50	0		
9630144	9630143	0.75	3 3-	4/0 ACSR 6/1	3826	3696	3327	188	215	9 3	0.00	0.50	0		
9630217	9630218	0.78	4 3-	4/0 ACSR 6/1	3786	3654	3279	188	6	0 0	0.00	0.50	0		
9630216	9630217	0.81	4 3-	4/0 ACSR 6/1	3743	3608	3228	188	6	0 0	0.00	0.50	0		
9630221	9630216	1.01	4 3-	4/0 ACSR 6/1	3464	3313	2905	187	6	0 0	0.00	0.50	0		
9630160	9630221	1.13	4 1-	2 ACSR 6/1	0	0	2693	186	6	0 0	0.00	0.50	0		
9630158	9630160	1.20	3 1-	2 ACSR 6/1	0	0	2573	186	5	0 0	0.00	0.50	0		
9630138	9630221	1.24	0 3-	4/0 ACSR 6/1	3194	3031	2609	186	0	0 0	0.00	0.50	0		
9630123	9630138	1.31	0 3-	4/0 ACSR 6/1	3115	2950	2526	186	0	0 0	0.00	0.50	0		
NEW LP1	9640202	0.53	1 3-	Consumer	0	0	0	0	1057	46 0	0.00	0.45	0		
9640185	9640171	0.38	1 3-	1/0 ACSR 6/1	4370	4296	4054	189	32	1 1	0.00	0.24	0		
9640186	9640185	0.50	1 3-	15 KV 2 URD XLP	4210	4155	3858	486	32	1 1	0.00	0.24	0		
9640054	9640170	0.27	4 1-	2 ACSR 6/1	0	0	4407	189	9	1 1	0.00	0.17	0		

LINE SECT	PRIOR SECT	MILES	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9640169	9640164	0.14	1 3-	4/0 ACSR 6/1	4952	4952	4883	190	4	0	0	0.00	0.05	0
CKT 1	total losses: \$519													
SUB 87, CKT 2														
BK87-02	BACONCREEK(87)	0.00	5 3-	BK8702	5330	5376	5499	190	1450	65	33	0.00	0.00	0
9640214	BK87-02	0.05	5 3-	4/0 ACSR 6/1	5189	5219	5263	190	1450	65	19	0.04	0.04	32
9640168	9640214	0.06	0 3-	4/0 ACSR 6/1	5173	5201	5237	190	0	0	0	0.00	0.04	0
09-64-P093-B	9640168	0.06	0 3-	Open	5173	5201	5237	190	0	0	0	0.00	0.04	0
9640150	9640214	0.08	5 3-	4/0 ACSR 6/1	5121	5143	5152	190	1450	65	19	0.02	0.06	16
9640155	9640150	0.13	2 3-	4/0 ACSR 6/1	4994	5000	4950	190	1446	65	19	0.04	0.09	31
9640152	9640155	0.21	2 3-	4/0 ACSR 6/1	4789	4768	4633	190	1446	65	19	0.06	0.16	53
9640064	9640152	0.45	2 3-	4/0 ACSR 6/1	4281	4199	3912	189	1445	65	19	0.18	0.33	149
9640145	9640064	0.47	2 3-	4/0 ACSR 6/1	4239	4153	3856	189	1444	65	19	0.02	0.35	14
9640146	9640145	0.48	2 3-	4/0 ACSR 6/1	4221	4133	3833	189	1443	65	19	0.01	0.36	6
9640151	9640146	0.49	2 3-	4/0 ACSR 6/1	4212	4123	3821	189	1443	65	19	0.00	0.36	3
09-64-P123-B	9640151	0.49	2 3-	Closed	4212	4123	3821	189	1443	65	0	0.00	0.36	0
09-64-P123-A	09-64-P123-B	0.49	2 3-	Closed	4212	4123	3821	189	1443	65	0	0.00	0.36	0
9640196	09-64-P123-A	0.49	2 3-	4/0 ACSR 6/1	4204	4114	3810	189	1443	65	19	0.00	0.36	3
9640206	9640196	0.52	2 3-	4/0 ACSR 6/1	4152	4056	3741	189	1443	65	19	0.02	0.39	18
9640830	9640206	0.52	2 3-	Consumer	4152	4056	3741	189	1443	65	0	0.00	0.39	0
9640205	9640206	0.53	0 3-	4/0 ACSR 6/1	4143	4047	3730	189	0	0	0	0.00	0.39	0
09-64-P139-B	9640205	0.53	0 3-	Closed	4143	4047	3730	189	0	0	0	0.00	0.39	0
09-64-P139-A	09-64-P139-B	0.53	0 3-	Closed	4143	4047	3730	189	0	0	0	0.00	0.39	0
9640148	09-64-P139-A	0.53	0 3-	4/0 ACSR 6/1	4134	4037	3718	189	0	0	0	0.00	0.39	0
9640147	9640148	0.57	0 3-	4/0 ACSR 6/1	4059	3955	3622	188	0	0	0	0.00	0.39	0
9640142	9640148	0.84	0 3-	4/0 ACSR 6/1	3638	3500	3108	187	0	0	0	0.00	0.39	0
9540031	9640142	0.95	0 3- 15	KV 2 URD XLP	3522	3386	2986	477	0	0	0	0.00	0.39	0
9540030	9640142	0.86	0 3-	4/0 ACSR 6/1	3613	3473	3078	187	0	0	0	0.00	0.39	0
9640194	9640196	0.50	0 3-	4/0 ACSR 6/1	4196	4105	3799	189	0	0	0	0.00	0.36	0
09-64-P124-B	9640194	0.50	0 3-	Open	4196	4105	3799	189	0	0	0	0.00	0.36	0
CKT 2	total losses: \$325													

SUB 87, CKT 3														
BK87-03	BACONCREEK(87)	0.00	101 3-	BK8703	5330	5376	5499	190	1052	43	22	0.00	0.00	0
9640215	BK87-03	0.04	101 3-	4/0 ACSR 6/1	5223	5257	5319	190	1052	43	13	0.01	0.01	11
C09-64-P221	9640215	0.04	0 3-	Capacitor	5223	5257	5319	190	0	-13	0	0.00	0.01	0
9640154	9640215	0.09	101 3-	4/0 ACSR 6/1	5083	5100	5091	190	1052	46	14	0.03	0.04	16
9640153	9640154	0.25	86 3-	4/0 ACSR 6/1	4711	4679	4517	189	553	23	7	0.04	0.07	12
9640055	9640153	0.30	83 3-	4/0 ACSR 6/1	4591	4545	4343	189	512	21	6	0.01	0.08	4
9640163	9640055	0.32	0 1-	2 ACSR 6/1	0	0	4251	189	0	0	0	0.00	0.09	0
9640056	9640055	0.34	83 3-	4/0 ACSR 6/1	4500	4443	4213	189	512	21	6	0.01	0.09	3
9640143	9640056	0.35	3 3-	4/0 ACSR 6/1	4484	4425	4191	189	18	0	0	0.00	0.09	0
9640144	9640143	0.37	3 3-	4/0 ACSR 6/1	4436	4372	4124	189	18	0	0	0.00	0.09	0
9640067	9640056	0.38	25 3-	2 ACSR 6/1	4406	4335	4086	189	148	6	4	0.01	0.10	0
9640069	9640067	0.42	25 3-	2 ACSR 6/1	4307	4221	3954	189	148	6	4	0.01	0.10	0
9640172	9640069	0.45	13 3-	2 ACSR 6/1	4220	4122	3843	188	106	4	3	0.00	0.11	0
9640173	9640172	0.46	13 3-	2 ACSR 6/1	4199	4098	3816	188	106	4	3	0.00	0.11	0
9640175	9640173	0.55	12 3-	2 ACSR 6/1	3982	3854	3550	187	92	4	2	0.00	0.12	0
D09-64-P037	9640175	0.55	5 1-	FUS-40	0	0	3550	187	29	3	10	0.00	0.12	0
9640176	D09-64-P037	0.65	5 1-	2 ACSR 6/1	0	0	3280	187	29	3	2	0.01	0.13	0
9640075	9640176	0.73	3 1-	2 ACSR 6/1	0	0	3089	186	18	2	1	0.00	0.13	0
9640187	9640075	0.79	0 1-	2 ACSR 6/1	0	0	2956	186	0	0	0	0.00	0.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9640177	9640175	0.58	7 3-	2 ACSR 6/1	3906	3769	3460	187	63	2	2	0.00	0.12	0
D09-64-P140	9640177	0.58	5 3-	FUS	3906	3769	3460	187	30	1	31	0.00	0.12	0
9640179	D09-64-P140	0.64	5 3-	2 ACSR 6/1	3766	3614	3299	187	30	1	1	0.00	0.12	0
9640180	9640179	0.73	3 3-	2 ACSR 6/1	3578	3409	3091	186	25	1	1	0.00	0.13	0
9640181	9640180	0.83	1 3-	2 ACSR 6/1	3367	3181	2866	185	24	1	1	0.00	0.13	0
9640178	9640177	0.62	1 3-	2 ACSR 6/1	3823	3676	3364	187	32	1	1	0.00	0.12	0
9640174	9640173	0.55	1 3-	2 ACSR 6/1	3971	3841	3536	187	14	0	0	0.00	0.11	0
9640197	9640173	0.47	0 3-	2 ACSR 6/1	4162	4057	3770	188	0	0	0	0.00	0.11	0
9640070	9640069	0.44	9 3-	4/0 ACSR 6/1	4265	4174	3898	188	29	1	0	0.00	0.10	0
9640071	9640070	0.47	4 3-	4/0 ACSR 6/1	4214	4118	3830	188	14	0	0	0.00	0.10	0
9640072	9640056	0.38	55 3-	4/0 ACSR 6/1	4420	4354	4102	189	346	14	4	0.01	0.10	1
9640073	9640072	0.42	54 3-	4/0 ACSR 6/1	4342	4267	3995	189	343	14	4	0.00	0.10	1
9640077	9640073	0.45	4 3-	4/0 ACSR 6/1	4292	4211	3927	189	48	2	1	0.00	0.10	0
9640074	9640073	0.46	49 3-	4/0 ACSR 6/1	4260	4175	3884	189	287	12	4	0.00	0.11	0
D09-64-P122	9640074	0.46	49 3-	REC-100-L	4260	4175	3884	189	287	12	12	0.00	0.11	0
9640076	D09-64-P122	0.47	49 3-	4/0 ACSR 6/1	4245	4159	3864	189	287	12	4	0.00	0.11	0
9640050	9640076	0.50	48 3-	4/0 ACSR 6/1	4187	4096	3788	189	286	12	4	0.00	0.11	0
9640049	9640050	0.58	47 3-	4/0 ACSR 6/1	4048	3943	3608	188	284	12	4	0.01	0.12	2
9540055	9640049	0.61	46 3-	4/0 ACSR 6/1	3992	3881	3536	188	263	11	3	0.00	0.13	0
9540056	9540055	0.67	46 3-	1/0 ACSR 6/1	3887	3766	3413	188	262	11	5	0.01	0.13	2
9540057	9540056	0.69	45 3-	1/0 ACSR 6/1	3844	3719	3363	188	251	10	5	0.00	0.14	0
9540052	9540057	0.71	39 3-	1/0 ACSR 6/1	3804	3675	3317	188	237	10	4	0.00	0.14	0
9540026	9540052	0.76	1 3- 15	KV 2 URD XLP	3745	3619	3253	482	93	4	3	0.00	0.15	0
9540034	9540026	0.81	0 3- 15	KV 2 URD XLP	3690	3565	3193	479	0	0	0	0.00	0.15	0
9540027	9540052	0.72	38 3-	1/0 ACSR 6/1	3785	3655	3295	188	144	6	3	0.00	0.14	0
9540054	9540027	0.76	2 1-	2 ACSR 6/1	0	0	3210	187	2	0	0	0.00	0.14	0
9540039	9540027	0.76	36 3-	1/0 ACSR 6/1	3714	3577	3215	187	141	5	3	0.00	0.15	0
9540040	9540039	0.81	34 3-	1/0 ACSR 6/1	3631	3488	3123	187	136	5	2	0.00	0.15	0
9540063	9540040	0.83	5 1-	2 ACSR 6/1	0	0	3071	187	35	4	2	0.00	0.15	0
D09-54-P023	9540063	0.83	5 1-	FUS-30	0	0	3071	187	35	4	16	0.00	0.15	0
9540062	D09-54-P023	0.89	5 1-	2 ACSR 6/1	0	0	2953	187	35	4	2	0.01	0.15	0
9540046	9540062	1.05	4 1-	2 ACSR 6/1	0	0	2666	185	26	3	2	0.01	0.17	0
9540041	9540046	1.11	3 1-	2 ACSR 6/1	0	0	2563	185	11	1	1	0.00	0.17	0
9540047	9540041	1.18	2 1-	2 ACSR 6/1	0	0	2451	184	4	0	0	0.00	0.17	0
9540042	9540040	0.84	29 3-	1/0 ACSR 6/1	3577	3430	3063	187	101	4	2	0.00	0.15	0
9540045	9540042	0.91	28 3-	1/0 ACSR 6/1	3468	3314	2946	187	100	4	2	0.00	0.16	0
9540044	9540045	1.02	1 1- 15	KV 2 URD XLP	0	0	2751	470	7	0	1	0.00	0.17	0
9540033	9540044	1.11	1 1- 15	KV 2 URD XLP	0	0	2611	463	7	0	1	0.00	0.17	0
9540043	9540045	1.00	26 3-	1/0 ACSR 6/1	3321	3158	2790	186	88	3	2	0.00	0.16	0
9540060	9540043	1.04	25 3-	1/0 ACSR 6/1	3260	3093	2727	186	87	3	2	0.00	0.17	0
9540061	9540060	1.11	24 3-	1/0 ACSR 6/1	3171	3000	2636	186	85	3	2	0.00	0.17	0
9540049	9540061	1.18	20 3-	1/0 ACSR 6/1	3069	2894	2534	185	77	3	1	0.00	0.17	0
D09-54-P010	9540049	1.18	2 1-	FUS-30	0	0	2534	185	5	0	2	0.00	0.14	0
9540064	D09-54-P010	1.27	2 1-	2 ACSR 6/1	0	0	2407	185	5	0	0	0.00	0.14	0
9540023	9540064	1.33	1 1-	2 ACSR 6/1	0	0	2326	184	3	0	0	0.00	0.14	0
9540022	9540064	1.35	1 1-	2 ACSR 6/1	0	0	2299	184	2	0	0	0.00	0.14	0
9540024	9540049	1.25	18 3-	1/0 ACSR 6/1	2978	2800	2444	185	72	3	1	0.00	0.18	0
9540036	9540024	1.27	4 1-	2 ACSR 6/1	0	0	2420	185	18	2	1	0.00	0.18	0
D09-54-P007	9540036	1.27	2 1-	FUS	0	0	2420	185	8	0	22	0.00	0.18	0
9540037	D09-54-P007	1.38	2 1-	2 ACSR 6/1	0	0	2270	184	8	0	1	0.00	0.19	0
9540050	9540024	1.38	14 3-	1/0 ACSR 6/1	2824	2642	2295	184	54	2	1	0.00	0.18	0
9530141	9540050	1.47	11 3-	1/0 ACSR 6/1	2728	2544	2203	184	46	1	1	0.00	0.18	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9530157	9530141	1.53	2 1-	2 ACSR 6/1	0	0	2138	183	6	0	0	0.00	0.13	0
9530158	9530157	1.58	1 1-	2 ACSR 6/1	0	0	2078	183	3	0	0	0.00	0.13	0
9530142	9530141	1.52	9 3-	1/0 ACSR 6/1	2681	2497	2159	183	40	1	1	0.00	0.19	0
D09-53-P270	9530142	1.52	2 1-	FUS-30	0	0	2159	183	3	0	1	0.00	0.24	0
9530217	D09-53-P270	1.55	2 1-	2 ACSR 6/1	0	0	2117	183	3	0	0	0.00	0.24	0
9530023	9530142	1.55	7 1-	2 ACSR 6/1	0	0	2125	183	38	4	3	0.00	0.24	0
9530191	9530023	1.58	3 1-	2 ACSR 6/1	0	0	2092	183	11	1	1	0.00	0.24	0
9530192	9530191	1.67	2 1-	2 ACSR 6/1	0	0	1998	182	8	1	1	0.00	0.25	0
9530148	9530023	1.74	4 1-	2 ACSR 6/1	0	0	1928	182	26	3	2	0.02	0.26	0
9530159	9530148	1.86	4 1-	2 ACSR 6/1	0	0	1822	181	26	3	2	0.01	0.27	0
9530025	9530159	1.88	4 1-	2 ACSR 6/1	0	0	1807	181	26	3	2	0.00	0.28	0
9530147	9530025	1.97	3 1-	2 ACSR 6/1	0	0	1735	180	14	1	1	0.00	0.28	0
9530028	9530025	1.95	1 1-	2 ACSR 6/1	0	0	1749	180	12	1	1	0.00	0.28	0
9540032	9530028	2.10	1 1-	2 ACSR 6/1	0	0	1642	179	12	1	1	0.00	0.28	0
9530024	9530159	1.92	0 1-	2 ACSR 6/1	0	0	1776	180	0	0	0	0.00	0.27	0
9530140	9540050	1.40	3 1-	2 ACSR 6/1	0	0	2273	184	8	0	1	0.00	0.23	0
9540048	9540061	1.13	3 1-	2 ACSR 6/1	0	0	2592	185	7	0	0	0.00	0.19	0
9540025	9540048	1.17	2 1-	2 ACSR 6/1	0	0	2532	185	7	0	0	0.00	0.19	0
9540051	9540057	0.71	6 1-	2 ACSR 6/1	0	0	3324	188	14	1	1	0.00	0.15	0
9540053	9540051	0.75	0 1-	2 ACSR 6/1	0	0	3215	187	0	0	0	0.00	0.15	0
9540035	9540051	0.76	6 1-	2 ACSR 6/1	0	0	3194	187	14	1	1	0.00	0.15	0
9540038	9540035	0.83	0 1-	2 ACSR 6/1	0	0	3046	187	0	0	0	0.00	0.15	0
9640191	9640073	0.44	0 3-	4/0 ACSR 6/1	4295	4214	3931	189	0	0	0	0.00	0.10	0
9640149	9640191	0.46	0 3-	4/0 ACSR 6/1	4269	4186	3896	189	0	0	0	0.00	0.10	0
9640192	9640149	0.46	0 3-	4/0 ACSR 6/1	4258	4174	3882	189	0	0	0	0.00	0.10	0
09-64-P124-A	9640192	0.46	0 3-	Open	4258	4174	3882	189	0	0	0	0.00	0.10	0
9640063	9640153	0.31	1 3-	4/0 ACSR 6/1	4567	4519	4309	189	38	1	1	0.00	0.07	0
9640156	9640154	0.14	4 3-	4/0 ACSR 6/1	4963	4964	4900	190	85	3	1	0.00	0.04	0
9640158	9640156	0.27	4 3-	4/0 ACSR 6/1	4650	4611	4428	189	85	3	1	0.00	0.04	0
9640159	9640158	0.28	3 3-	4/0 ACSR 6/1	4639	4599	4412	189	69	3	1	0.00	0.04	0
9640160	9640159	0.37	3 3- 15	KV 2 URD XLP	4517	4503	4252	492	69	3	2	0.01	0.05	0
9640161	9640160	0.43	2 3- 15	KV 2 URD XLP	4412	4407	4117	487	64	2	2	0.00	0.05	0
9640162	9640161	0.45	1 3- 15	KV 2 URD XLP	4387	4383	4085	486	32	1	1	0.00	0.05	0
9640157	9640156	0.20	0 1-	2 ACSR 6/1	0	0	4625	189	0	0	0	0.00	0.04	0
9640062	9640154	0.25	11 3-	4/0 ACSR 6/1	4689	4655	4486	189	414	18	6	0.03	0.07	8
9640061	9640062	0.32	10 3-	4/0 ACSR 6/1	4545	4494	4277	189	413	18	6	0.01	0.08	3
9640060	9640061	0.37	10 3-	4/0 ACSR 6/1	4439	4375	4128	189	413	18	6	0.01	0.10	3
9640048	9640060	0.39	5 3-	4/0 ACSR 6/1	4393	4323	4064	189	15	0	0	0.00	0.10	0
9640047	9640048	0.47	4 3-	4/0 ACSR 6/1	4237	4151	3854	189	13	0	0	0.00	0.10	0
9640046	9640047	0.53	4 3-	4/0 ACSR 6/1	4141	4044	3727	189	13	0	0	0.00	0.10	0
9640045	9640046	0.60	3 3-	4/0 ACSR 6/1	4014	3905	3564	188	10	0	0	0.00	0.10	0
9640188	9640045	0.67	1 1-	2 ACSR 6/1	0	0	3390	188	4	0	0	0.00	0.10	0
9640044	9640045	0.64	0 3-	4/0 ACSR 6/1	3951	3837	3485	188	0	0	0	0.00	0.10	0
9640131	9640044	0.66	0 3-	4/0 ACSR 6/1	3916	3799	3442	188	0	0	0	0.00	0.10	0
09-64-P027-B	9640131	0.66	0 3-	Open	3916	3799	3442	188	0	0	0	0.00	0.10	0
9640043	9640060	0.59	2 3-	4/0 ACSR 6/1	4029	3922	3583	188	215	9	3	0.02	0.12	3
9640065	9640043	0.62	2 3- 15	KV 2 URD XLP	3995	3890	3544	488	215	9	6	0.01	0.13	2
9641210	9640065	0.62	2 3-	Consumer	3995	3890	3544	488	215	9	0	0.00	0.13	0
9640058	9640060	0.41	3 3-	4/0 ACSR 6/1	4366	4293	4027	189	183	8	2	0.00	0.10	0
9640059	9640058	0.50	2 3-	4/0 ACSR 6/1	4187	4096	3788	189	180	8	2	0.01	0.11	0
9641240	9640059	0.50	2 3-	Consumer	4187	4096	3788	189	180	8	0	0.00	0.11	0

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

SUB	87	total losses:												\$915

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 103 CHAD(103)			1332		2909	2949	3044	356	10508					
SUB 103, CKT 1														
BK103-01+	CHAD(103)	0.00	140 3-	BK10301	2909	2949	3044	356	933	20	14	0.00	0.00	0
38280092+	BK103-01	0.00	140 3-	266 ACSR 18/1	2908	2947	3042	356	933	20	5	0.00	0.00	0
D38-28-P040+	38280092	0.00	140 3-	REC-100-E	2908	2947	3042	356	933	20	21	0.00	0.00	0
38280093+	D38-28-P040	1.60	140 3-	266 ACSR 18/1	2315	2281	2139	346	933	20	5	0.31	0.14	112
38180080+	38280093	1.64	140 3-	1/0 ACSR 6/1	2300	2264	2120	346	932	20	9	0.02	0.15	7
38180087+	38180080	1.70	138 3-	1/0 ACSR 6/1	2280	2242	2094	345	914	20	9	0.02	0.16	9
38080033+	38180087	1.80	137 3-	1/0 ACSR 6/1	2249	2206	2054	344	903	20	9	0.03	0.18	15
38080031+	38080033	1.99	133 3-	1/0 ACSR 6/1	2188	2138	1977	342	883	19	9	0.06	0.21	28
38090014+	38080031	2.08	132 3-	1/0 ACSR 6/1	2160	2107	1943	341	882	19	9	0.03	0.22	13
38090015+	38090014	2.22	129 3-	1/0 ACSR 6/1	2115	2058	1889	340	868	19	9	0.05	0.25	21
38090016+	38090015	2.32	2 1-	2 ACSR 6/1	0	0	1849	338	8	0	0	0.00	-0.02	0
38090017+	38090016	2.36	1 1-	2 ACSR 6/1	0	0	1835	338	5	0	0	0.00	-0.02	0
38090018+	38090017	2.41	0 1-	2 ACSR 6/1	0	0	1816	337	0	0	0	0.00	-0.02	0
38090012+	38090015	2.27	126 3-	1/0 ACSR 6/1	2101	2041	1872	339	852	19	8	0.02	0.26	7
38090013+	38090012	2.30	1 1-	2 ACSR 6/1	0	0	1861	339	7	0	0	0.00	0.53	0
38090011+	38090012	2.64	124 3-	1/0 ACSR 6/1	1995	1926	1749	335	837	18	8	0.11	0.32	50
33990018+	38090011	2.73	121 3-	1/0 ACSR 6/1	1971	1900	1721	334	829	18	8	0.03	0.33	12
33990019+	33990018	2.80	119 3-	1/0 ACSR 6/1	1952	1879	1699	334	820	18	8	0.02	0.34	9
33990020+	33990019	2.81	118 3-	1/0 ACSR 6/1	1949	1876	1696	334	815	18	8	0.00	0.34	1
33-99-P096-B+	33990020	2.81	118 3-	Closed	1949	1876	1696	334	815	18	0	0.00	0.34	0
33-99-P096-A+	33-99-P096-B	2.81	118 3-	Closed	1949	1876	1696	334	815	18	0	0.00	0.34	0
33990004+	33-99-P096-A	2.88	118 3-	1/0 ACSR 6/1	1932	1858	1677	333	815	18	8	0.02	0.35	9
33990014+	33990004	2.91	3 1-	2 ACSR 6/1	0	0	1664	332	19	1	1	0.00	0.35	0
33990015+	33990014	2.97	2 1-	2 ACSR 6/1	0	0	1645	332	6	0	0	0.00	0.35	0
33990003+	33990004	2.97	115 3-	1/0 ACSR 6/1	1907	1831	1649	332	797	18	8	0.03	0.37	12
33990013+	33990003	3.59	113 3-	1/0 ACSR 6/1	1760	1674	1491	326	784	17	8	0.19	0.46	77
34920010+	33990013	3.65	112 3-	1/0 ACSR 6/1	1746	1659	1475	325	776	17	8	0.02	0.47	8
34920011+	34920010	3.69	1 1-	2 ACSR 6/1	0	0	1465	325	2	0	0	0.00	0.46	0
34920003+	34920010	3.78	111 3-	1/0 ACSR 6/1	1717	1629	1445	324	774	17	8	0.04	0.49	16
34920013+	34920003	3.84	111 3-	1/0 ACSR 6/1	1705	1616	1433	323	774	17	8	0.02	0.50	7
34920014+	34920013	4.00	108 3-	1/0 ACSR 6/1	1672	1582	1399	322	759	17	7	0.05	0.53	19
34820007+	34920014	4.06	1 1-	2 ACSR 6/1	0	0	1383	321	9	0	0	0.00	0.51	0
34820006+	34920014	4.08	107 3-	1/0 ACSR 6/1	1655	1564	1382	321	750	17	7	0.02	0.54	9
34820008+	34820006	4.20	105 3-	1/0 ACSR 6/1	1633	1540	1359	320	732	16	7	0.03	0.55	13
34820009+	34820008	4.41	104 3-	1/0 ACSR 6/1	1591	1498	1317	318	724	16	7	0.06	0.59	25
34820010+	34820009	4.60	101 3-	1/0 ACSR 6/1	1556	1461	1282	316	709	16	7	0.06	0.61	22
34830073+	34820010	4.75	98 3-	1/0 ACSR 6/1	1530	1434	1257	315	694	15	7	0.04	0.63	16
34830042+	34830073	4.78	4 1-	2 ACSR 6/1	0	0	1250	314	12	0	0	0.00	0.61	0
34830043+	34830042	4.82	3 1-	2 ACSR 6/1	0	0	1244	314	12	0	0	0.00	0.61	0
34830074+	34830043	4.88	1 1-	2 ACSR 6/1	0	0	1231	313	7	0	0	0.00	0.61	0
34830064+	34830073	4.80	94 3-	1/0 ACSR 6/1	1521	1426	1248	314	682	15	7	0.01	0.64	5
34830065+	34830064	4.85	89 3-	1/0 ACSR 6/1	1512	1416	1240	314	658	14	7	0.02	0.65	6
34830066+	34830065	5.09	88 3-	1/0 ACSR 6/1	1472	1375	1201	311	654	14	6	0.07	0.68	26
34830045+	34830066	5.15	1 1-	2 ACSR 6/1	0	0	1190	311	6	0	0	0.00	1.40	0
34830057+	34830066	5.16	86 3-	1/0 ACSR 6/1	1461	1365	1191	311	647	14	6	0.02	0.68	7
34830058+	34830057	5.20	83 3-	1/0 ACSR 6/1	1455	1358	1185	311	643	14	6	0.01	0.69	4
34830059+	34830058	5.26	82 3-	1/0 ACSR 6/1	1445	1348	1175	310	642	14	6	0.02	0.70	7
34830061+	34830059	5.33	79 3-	1/0 ACSR 6/1	1433	1336	1164	309	629	14	6	0.02	0.71	8
34830062+	34830061	5.40	78 3-	1/0 ACSR 6/1	1423	1326	1154	309	620	14	6	0.02	0.72	7
34830070+	34830062	5.46	74 3-	1/0 ACSR 6/1	1414	1317	1146	308	598	13	6	0.02	0.72	6

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
34830071+	34830070	5.53	3 1-	2 ACSR 6/1	0	0	1134	307	17	1	1	0.00	1.51	0
34830072+	34830071	5.56	2 1-	2 ACSR 6/1	0	0	1129	307	8	0	0	0.00	1.51	0
34830069+	34830070	5.50	69 3-	1/0 ACSR 6/1	1408	1310	1140	308	562	12	6	0.01	0.73	4
34830056+	34830069	5.59	67 3-	1/0 ACSR 6/1	1395	1298	1128	307	558	12	6	0.02	0.74	8
34830053+	34830056	5.62	5 3-	1/0 ACSR 6/1	1391	1293	1124	307	219	5	2	0.00	0.74	0
34830047+	34830053	5.64	3 3-	1/0 ACSR 6/1	1387	1289	1120	306	208	4	2	0.00	0.74	0
34830310+	34830047	5.64	2 3-	Consumer	1387	1289	1120	306	195	4	0	0.00	0.74	0
34830075+	34830047	5.66	0 3-	1/0 ACSR 6/1	1385	1287	1118	306	0	0	0	0.00	0.74	0
34830046+	34830047	5.67	1 1-	2 ACSR 6/1	0	0	1115	306	13	0	0	0.00	0.71	0
34830010+	34830056	5.65	62 3-	1/0 ACSR 6/1	1385	1287	1118	306	339	7	3	0.02	0.74	4
D34-83-P060+	34830010	5.65	61 1-	REC-50-E	0	0	1118	306	328	22	44	0.00	1.56	0
34830044+	D34-83-P060	5.74	61 1-	2 ACSR 6/1	0	0	1104	305	328	22	12	0.03	1.59	8
34830063+	34830044	5.78	58 1-	2 ACSR 6/1	0	0	1098	305	305	20	11	0.01	1.60	3
34830052+	34830063	5.81	54 1-	2 ACSR 6/1	0	0	1093	304	294	19	11	0.01	1.61	2
34830055+	34830052	5.98	53 1-	2 ACSR 6/1	0	0	1068	302	284	19	11	0.05	1.66	11
34730037+	34830055	6.05	27 1-	2 ACSR 6/1	0	0	1058	301	144	9	5	0.01	1.67	1
D34-73-P049+	34730037	6.05	27 1-	REC-25-E	0	0	1058	301	144	9	39	0.00	1.67	0
34730009+	34730009	6.11	27 1-	2 ACSR 6/1	0	0	1049	301	144	9	5	0.01	1.68	0
34730038+	34730009	6.21	1 1-	2 ACSR 6/1	0	0	1035	299	12	0	0	0.00	1.68	0
34730042+	34730009	6.33	26 1-	2 ACSR 6/1	0	0	1019	298	133	8	5	0.03	1.71	3
34730043+	34730042	6.36	16 1-	2 ACSR 6/1	0	0	1013	298	98	6	4	0.00	1.71	0
34730044+	34730043	6.39	14 1-	2 ACSR 6/1	0	0	1010	297	94	6	4	0.00	1.71	0
34730045+	34730044	6.43	12 1-	2 ACSR 6/1	0	0	1004	297	79	5	3	0.00	1.72	0
34730046+	34730045	6.46	11 1-	2 ACSR 6/1	0	0	1000	296	78	5	3	0.00	1.72	0
34730047+	34730046	6.53	1 1-	2 ACSR 6/1	0	0	992	296	12	0	0	0.00	1.72	0
34730010+	34730046	6.50	10 1-	2 ACSR 6/1	0	0	995	296	66	4	2	0.00	1.72	0
34730049+	34730010	6.56	9 1-	2 ACSR 6/1	0	0	987	295	53	3	2	0.00	1.72	0
34730035+	34730049	6.62	7 1-	2 ACSR 6/1	0	0	980	295	39	2	1	0.00	1.73	0
34730036+	34730035	6.67	5 1-	2 ACSR 6/1	0	0	973	294	30	2	1	0.00	1.73	0
34730033+	34730036	6.73	3 1-	2 ACSR 6/1	0	0	966	293	15	0	1	0.00	1.73	0
34730050+	34730033	6.79	2 1-	2 ACSR 6/1	0	0	959	293	14	0	1	0.00	1.73	0
34730051+	34730050	6.88	0 1-	2 ACSR 6/1	0	0	948	292	0	0	0	0.00	1.73	0
34730034+	34730049	6.61	1 1-	2 ACSR 6/1	0	0	981	295	11	0	0	0.00	1.72	0
34730048+	34730010	6.57	1 1-	2 ACSR 6/1	0	0	987	295	13	0	0	0.00	1.72	0
34730041+	34730042	6.42	4 1-	2 ACSR 6/1	0	0	1006	297	17	1	1	0.00	1.71	0
34730039+	34730041	6.47	2 1-	2 ACSR 6/1	0	0	1000	296	12	0	0	0.00	1.71	0
34730040+	34730039	6.54	1 1-	2 ACSR 6/1	0	0	990	295	8	0	0	0.00	1.71	0
34730052+	34730042	6.49	5 1-	2 ACSR 6/1	0	0	997	296	13	0	1	0.00	1.71	0
34730053+	34730052	6.85	1 1-	2 ACSR 6/1	0	0	952	292	6	0	0	0.00	1.71	0
34730054+	34830055	6.13	25 1-	2 ACSR 6/1	0	0	1046	300	137	9	5	0.02	1.68	2
34740034+	34730054	6.24	22 1-	2 ACSR 6/1	0	0	1030	299	129	8	5	0.01	1.69	1
34740040+	34740034	6.30	20 1-	2 ACSR 6/1	0	0	1022	298	118	7	4	0.01	1.70	0
34740050+	34740040	6.37	1 1-	2 ACSR 6/1	0	0	1013	298	12	0	0	0.00	1.70	0
34740049+	34740040	6.43	19 1-	2 ACSR 6/1	0	0	1005	297	106	7	4	0.01	1.71	1
34740043+	34740049	6.50	18 1-	2 ACSR 6/1	0	0	995	296	96	6	4	0.01	1.72	0
34740044+	34740043	6.54	17 1-	2 ACSR 6/1	0	0	990	295	89	6	3	0.00	1.72	0
34740047+	34740044	6.65	15 1-	2 ACSR 6/1	0	0	976	294	78	5	3	0.01	1.73	0
34740035+	34740047	6.70	14 1-	2 ACSR 6/1	0	0	970	294	77	5	3	0.00	1.74	0
34740037+	34740035	6.72	13 1-	2 ACSR 6/1	0	0	967	293	65	4	2	0.00	1.74	0
34740038+	34740037	6.80	12 1-	2 ACSR 6/1	0	0	957	292	60	4	2	0.01	1.74	0
34740016+	34740038	6.86	9 1-	2 ACSR 6/1	0	0	950	292	42	2	2	0.00	1.75	0
34740017+	34740016	7.19	8 1-	2 ACSR 6/1	0	0	912	288	42	2	2	0.01	1.76	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34740018+	34740017	7.30	7 1-	2 ACSR 6/1	0	0	900	287	30	2	1	0.00	1.76	0
34740019+	34740018	7.37	6 1-	2 ACSR 6/1	0	0	892	286	23	1	1	0.00	1.76	0
34750006+	34740019	7.43	5 1-	2 ACSR 6/1	0	0	885	285	12	0	0	0.00	1.76	0
34750004+	34750006	7.53	3 1-	2 ACSR 6/1	0	0	875	284	10	0	0	0.00	1.76	0
34750005+	34750004	7.60	2 1-	2 ACSR 6/1	0	0	869	283	8	0	0	0.00	1.76	0
34740011+	34740038	6.86	3 1-	2 ACSR 6/1	0	0	950	292	18	1	1	0.00	1.74	0
34740012+	34740011	6.91	1 1-	2 ACSR 6/1	0	0	944	291	6	0	0	0.00	1.75	0
D34-74-P016+	34740012	6.91	1 1-	REC-25-E	0	0	944	291	6	0	2	0.00	1.75	0
34740013+	34740013	7.00	1 1-	2 ACSR 6/1	0	0	934	290	6	0	0	0.00	1.75	0
34740014+	34740013	7.43	0 1-	2 ACSR 6/1	0	0	886	285	0	0	0	0.00	1.75	0
34740015+	34740014	7.51	0 1-	2 ACSR 6/1	0	0	877	284	0	0	0	0.00	1.75	0
34640004+	34740015	7.59	0 1-	2 ACSR 6/1	0	0	869	283	0	0	0	0.00	1.75	0
34640003+	34740015	7.54	0 1-	2 ACSR 6/1	0	0	874	284	0	0	0	0.00	1.75	0
34740036+	34740035	6.75	1 1-	2 ACSR 6/1	0	0	964	293	12	0	0	0.00	1.74	0
34740045+	34740044	6.59	2 1-	2 ACSR 6/1	0	0	984	295	11	0	0	0.00	1.73	0
34740046+	34740045	6.63	0 1-	2 ACSR 6/1	0	0	978	294	0	0	0	0.00	1.73	0
34740042+	34740049	6.46	1 1-	2 ACSR 6/1	0	0	1000	296	10	0	0	0.00	1.71	0
34740039+	34740034	6.28	1 1-	2 ACSR 6/1	0	0	1025	299	7	0	0	0.00	1.69	0
34740041+	34740034	6.33	1 1-	2 ACSR 6/1	0	0	1018	298	4	0	0	0.00	1.69	0
34830051+	34830063	5.80	3 1-	2 ACSR 6/1	0	0	1095	304	10	0	0	0.00	1.60	0
34830049+	34830044	5.77	3 1-	2 ACSR 6/1	0	0	1100	305	23	1	1	0.00	1.59	0
34830050+	34830049	5.80	2 1-	2 ACSR 6/1	0	0	1096	305	8	0	0	0.00	1.59	0
34830048+	34830010	5.70	1 1-	2 ACSR 6/1	0	0	1112	306	11	0	0	0.00	1.56	0
34830068+	34830062	5.47	2 1-	2 ACSR 6/1	0	0	1142	308	15	0	1	0.00	0.69	0
34830067+	34830062	5.44	1 1-	2 ACSR 6/1	0	0	1147	308	6	0	0	0.00	1.49	0
34830060+	34830059	5.34	2 1-	2 ACSR 6/1	0	0	1161	309	11	0	0	0.00	0.67	0
34920012+	34920013	3.90	3 1-	2 ACSR 6/1	0	0	1418	323	15	0	1	0.00	1.02	0
34920004+	34920003	3.84	0 1-	2 ACSR 6/1	0	0	1430	323	0	0	0	0.00	1.00	0
33990016+	33990003	3.02	2 1-	2 ACSR 6/1	0	0	1635	331	12	0	0	0.00	0.37	0
33990017+	38090011	2.71	2 1-	2 ACSR 6/1	0	0	1722	334	4	0	0	0.00	0.31	0
38080030+	38080033	1.85	3 1-	2 ACSR 6/1	0	0	2031	343	9	0	0	0.00	0.38	0
38090021+	38080030	1.88	1 1-	2 ACSR 6/1	0	0	2014	343	4	0	0	0.00	0.38	0
38090020+	38080030	1.86	2 1-	2 ACSR 6/1	0	0	2026	343	5	0	0	0.00	0.38	0
38090010+	38090020	1.89	1 1-	2 ACSR 6/1	0	0	2011	343	2	0	0	0.00	0.38	0
38080032+	38180087	1.81	0 3-	1/0 ACSR 6/1	2246	2203	2050	344	0	0	0	0.00	0.16	0
38-18-P030-B+	38080032	1.81	0 3-	Open	2246	2203	2050	344	0	0	0	0.00	0.16	0
CKT 1 total losses:		\$641												

SUB 103, CKT 2

BK103-02+	CHAD(103)	0.00	272 3-	BK10302	2909	2949	3044	356	3674	84	56	0.00	0.00	0
38280091+	BK103-02	0.66	272 3-	266 ACSR 18/1	2632	2635	2595	352	3674	84	18	0.28	0.26	570
38180059+	38280091	0.96	10 3-	266 ACSR 18/1	2523	2512	2431	350	74	1	0	0.00	0.27	0
38190019+	38180059	1.04	9 3-	266 ACSR 18/1	2494	2479	2389	350	60	1	0	0.00	0.27	0
D38-29-P164+	38190019	1.04	7 1-	REC-35-E	0	0	2389	350	45	3	9	0.00	0.15	0
20852074+	D38-29-P164	1.10	7 1-	2 ACSR 6/1	0	0	2354	349	45	3	2	0.00	0.16	0
20852281+	20852074	1.17	7 1-	2 ACSR 6/1	0	0	2312	348	45	3	2	0.00	0.16	0
20852282+	20852281	1.19	4 1-	2 ACSR 6/1	0	0	2301	347	23	1	1	0.00	0.16	0
38290005+	20852281	1.29	3 1-	2 ACSR 6/1	0	0	2248	346	22	1	1	0.00	0.16	0
20852283+	38290005	1.33	1 1-	2 ACSR 6/1	0	0	2224	345	6	0	0	0.00	0.16	0
38290081+	38290005	1.37	2 1-	2 ACSR 6/1	0	0	2201	345	16	1	1	0.00	0.16	0
38290063+	38290081	1.45	1 1-	2 ACSR 6/1	0	0	2161	343	4	0	0	0.00	0.16	0
38290064+	38290063	1.47	1 1-	2 ACSR 6/1	0	0	2151	343	4	0	0	0.00	0.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38290065+	38290064	1.65	1 1-	2 ACSR 6/1	0	0	2060	341	4	0	0	0.00	0.16	0
38290082+	38190019	1.13	1 3-	266 ACSR 18/1	2464	2446	2347	349	13	0	0	0.00	0.27	0
38280090+	38290082	1.20	1 3-	266 ACSR 18/1	2441	2420	2313	349	13	0	0	0.00	0.27	0
38180057+	38280090	1.22	0 3-	266 ACSR 18/1	2433	2411	2302	349	0	0	0	0.00	0.27	0
38180064+	38280091	0.77	1 1-	2 ACSR 6/1	0	0	2522	350	13	0	0	0.00	0.15	0
38180012+	38280091	0.95	261 3-	266 ACSR 18/1	2526	2516	2437	350	3582	82	18	0.12	0.38	237
38180092+	38180012	1.15	259 3-	266 ACSR 18/1	2457	2438	2336	349	3043	70	15	0.07	0.44	123
38180091+	38180092	1.41	256 3-	266 ACSR 18/1	2371	2343	2216	347	2960	68	15	0.09	0.53	153
38180090+	38180091	1.54	254 3-	266 ACSR 18/1	2332	2299	2162	347	2948	68	15	0.05	0.57	74
38180008+	38180090	1.56	254 3-	1/0 ACSR 6/1	2325	2291	2153	346	2948	68	30	0.01	0.58	28
38180009+	38180008	1.57	254 3-	1/0 ACSR 6/1	2324	2290	2151	346	2947	68	30	0.00	0.58	5
38-18-P062-B+	38180009	1.57	254 3-	Closed	2324	2290	2151	346	2947	68	0	0.00	0.58	0
38-18-P062-A+	38-18-P062-B	1.57	254 3-	Closed	2324	2290	2151	346	2947	68	0	0.00	0.58	0
38180078+	38-18-P062-A	1.61	254 3-	1/0 ACSR 6/1	2308	2272	2131	346	2947	68	30	0.03	0.61	66
38180079+	38180078	1.65	253 3-	1/0 ACSR 6/1	2294	2256	2112	345	2941	67	30	0.03	0.64	60
38180094+	38180079	1.70	16 1-	1/0 ACSR 6/1	0	0	2094	345	82	5	2	0.00	0.91	0
38180095+	38180094	1.75	13 1-	1/0 ACSR 6/1	0	0	2071	344	62	4	2	0.00	0.91	0
D38-18-P023+	38180095	1.75	6 1-	REC-50-E	0	0	2071	344	29	1	4	0.00	0.91	0
38180088+	D38-18-P023	1.78	6 1-	2 ACSR 6/1	0	0	2057	344	29	1	1	0.00	0.91	0
38180089+	38180088	1.85	3 1-	2 ACSR 6/1	0	0	2023	343	16	1	1	0.00	0.91	0
38180093+	38180095	1.79	7 1-	1/0 ACSR 6/1	0	0	2053	344	33	2	1	0.00	0.91	0
38180082+	38180093	1.85	6 1-	1/0 ACSR 6/1	0	0	2029	343	25	1	1	0.00	0.91	0
38180084+	38180082	1.90	1 1-	2 ACSR 6/1	0	0	2006	343	7	0	0	0.00	0.91	0
38180083+	38180082	1.98	5 1-	1/0 ACSR 6/1	0	0	1977	342	18	1	1	0.00	0.91	0
38180098+	38180083	2.08	4 1-	1/0 ACSR 6/1	0	0	1941	341	18	1	1	0.00	0.92	0
38180096+	38180098	2.15	3 1-	1/0 ACSR 6/1	0	0	1913	340	10	0	0	0.00	0.92	0
38180097+	38180096	2.22	1 1-	1/0 ACSR 6/1	0	0	1887	339	1	0	0	0.00	0.92	0
38180086+	38180098	2.11	1 1-	2 ACSR 6/1	0	0	1925	340	8	0	0	0.00	0.92	0
38180085+	38180083	2.02	1 1-	2 ACSR 6/1	0	0	1961	341	0	0	0	0.00	0.91	0
38180081+	38180093	1.82	0 1-	2 ACSR 6/1	0	0	2041	344	0	0	0	0.00	0.91	0
38180068+	38180079	1.71	3 1-	2 ACSR 6/1	0	0	2083	345	16	1	1	0.00	0.92	0
38180067+	38180079	1.72	234 3-	1/0 ACSR 6/1	2271	2230	2083	345	2842	65	29	0.04	0.68	89
38180076+	38180067	1.79	5 3-	2 ACSR 6/1	2248	2204	2053	344	34	0	0	0.00	0.68	0
38180077+	38180076	1.83	4 1-	2 ACSR 6/1	0	0	2033	343	29	1	1	0.00	0.73	0
38180066+	38180067	1.73	0 3-	1/0 ACSR 6/1	2268	2227	2079	345	0	0	0	0.00	0.68	0
38-18-P030-A+	38180066	1.73	0 3-	Open	2268	2227	2079	345	0	0	0	0.00	0.68	0
38180074+	38180067	1.74	226 3-	1/0 ACSR 6/1	2264	2223	2074	345	2796	64	28	0.01	0.69	26
38180075+	38180074	1.84	225 3-	1/0 ACSR 6/1	2231	2186	2032	343	2791	64	28	0.06	0.75	127
38080034+	38180075	1.87	225 3-	1/0 ACSR 6/1	2223	2177	2022	343	2789	64	28	0.02	0.76	33
38080035+	38080034	1.90	222 3-	1/0 ACSR 6/1	2213	2165	2009	343	2775	64	28	0.02	0.78	38
38080036+	38080035	1.96	220 3-	1/0 ACSR 6/1	2192	2143	1984	342	2767	64	28	0.04	0.82	79
38080037+	38080036	2.00	219 3-	1/0 ACSR 6/1	2180	2129	1968	342	2758	63	28	0.02	0.84	49
38080038+	38080037	2.04	6 1-	2 ACSR 6/1	0	0	1954	341	22	1	1	0.00	1.19	0
38080025+	38080037	2.18	212 3-	1/0 ACSR 6/1	2126	2069	1902	340	2732	63	28	0.10	0.94	211
38080045+	38080025	2.23	211 3-	1/0 ACSR 6/1	2109	2051	1883	339	2718	63	27	0.03	0.98	65
38080044+	38080045	2.27	1 1-	2 ACSR 6/1	0	0	1868	339	4	0	0	0.00	1.01	0
38080043+	38080045	2.27	210 3-	1/0 ACSR 6/1	2097	2038	1868	339	2714	63	27	0.02	1.00	48
38080026+	38080043	2.35	210 3-	1/0 ACSR 6/1	2076	2014	1843	338	2713	63	27	0.04	1.04	86
D38-08-P063+	38080026	2.35	16 1-	REC-50-E	0	0	1843	338	70	4	10	0.00	1.45	0
38080004+	D38-08-P063	2.40	16 1-	2 ACSR 6/1	0	0	1823	337	70	4	3	0.00	1.45	0
38080005+	38080004	2.50	16 1-	2 ACSR 6/1	0	0	1783	336	70	4	3	0.01	1.46	0
33980007+	38080005	2.83	16 1-	2 ACSR 6/1	0	0	1668	331	70	4	3	0.02	1.48	1

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
33980009+	33980007	2.92	14 1-	2 ACSR 6/1	0	0	1639	330	56	3	2	0.00	1.49	0
33980011+	33980009	2.99	1 1-	2 ACSR 6/1	0	0	1614	329	7	0	0	0.00	1.49	0
33980010+	33980009	3.35	11 1-	2 ACSR 6/1	0	0	1505	324	46	3	2	0.02	1.51	0
33880009+	33980010	3.40	10 1-	2 ACSR 6/1	0	0	1492	323	37	2	1	0.00	1.51	0
33880010+	33880009	3.46	8 1-	2 ACSR 6/1	0	0	1476	322	26	1	1	0.00	1.51	0
33880006+	33880010	3.50	5 1-	2 ACSR 6/1	0	0	1464	322	22	1	1	0.00	1.51	0
33880007+	33880006	3.55	4 1-	2 ACSR 6/1	0	0	1452	321	16	1	1	0.00	1.51	0
33870007+	33880007	3.65	4 1-	2 ACSR 6/1	0	0	1426	320	16	1	1	0.00	1.52	0
33870009+	33870007	3.73	1 1-	2 ACSR 6/1	0	0	1405	319	6	0	0	0.00	1.52	0
33870008+	33870007	3.83	1 1-	2 ACSR 6/1	0	0	1380	317	4	0	0	0.00	1.52	0
33870011+	33870008	3.92	1 1-	2 ACSR 6/1	0	0	1357	316	4	0	0	0.00	1.52	0
33870012+	33870011	3.94	1 1-	2 ACSR 6/1	0	0	1352	316	4	0	0	0.00	1.52	0
33870010+	33870008	3.89	0 1-	2 ACSR 6/1	0	0	1364	316	0	0	0	0.00	1.52	0
33880008+	33980010	3.41	1 1-	2 ACSR 6/1	0	0	1491	323	10	0	0	0.00	1.51	0
33980008+	33980007	2.88	1 1-	2 ACSR 6/1	0	0	1650	330	6	0	0	0.00	1.48	0
38080041+	38080026	2.79	194 3-	1/0 ACSR 6/1	1952	1879	1700	334	2642	61	27	0.25	1.29	497
38080042+	38080041	2.89	193 3-	1/0 ACSR 6/1	1927	1852	1672	333	2632	61	27	0.05	1.34	105
38080027+	38080042	2.91	191 3-	1/0 ACSR 6/1	1920	1844	1664	332	2623	61	27	0.01	1.36	29
38080028+	38080027	2.95	191 3-	1/0 ACSR 6/1	1911	1835	1654	332	2623	61	27	0.02	1.38	38
38080029+	38080028	2.98	190 3-	1/0 ACSR 6/1	1903	1826	1646	332	2622	61	27	0.02	1.40	33
38080039+	38080029	3.12	189 3-	1/0 ACSR 6/1	1867	1787	1606	330	2620	61	27	0.08	1.48	159
38180058+	38080039	3.16	187 3-	1/0 ACSR 6/1	1858	1778	1596	330	2608	60	26	0.02	1.50	37
38180061+	38180058	3.22	1 1-	2 ACSR 6/1	0	0	1578	329	6	0	0	0.00	0.93	0
38180060+	38180058	3.26	185 3-	1/0 ACSR 6/1	1832	1751	1568	329	2601	60	26	0.06	1.55	116
38170021+	38180060	3.49	184 3-	1/0 ACSR 6/1	1780	1695	1512	327	2590	60	26	0.12	1.68	240
38170051+	38170021	3.54	181 3-	1/0 ACSR 6/1	1768	1682	1499	326	932	21	9	0.01	1.69	9
38170023+	38170051	3.65	181 3-	1/0 ACSR 6/1	1743	1656	1473	325	932	21	9	0.02	1.71	18
38170036+	38170023	3.82	181 3-	1/0 ACSR 6/1	1708	1619	1437	323	932	21	9	0.03	1.74	26
38-17-P035-B	38170036	3.82	181 3-	Closed	1708	1619	1437	323	932	21	0	0.00	1.74	0
38-17-P035-A	38-17-P035-B	3.82	181 3-	Closed	1708	1619	1437	323	932	21	0	0.00	1.74	0
38170049+	38-17-P035-A	3.88	181 3-	1/0 ACSR 6/1	1694	1604	1422	323	932	21	9	0.01	1.75	11
38170056+	38170049	3.99	0 1-	2 ACSR 6/1	0	0	1395	321	0	0	0	0.00	1.77	0
38170038+	38170049	3.93	179 3-	1/0 ACSR 6/1	1684	1594	1412	322	923	20	9	0.01	1.76	7
38170039+	38170038	3.97	177 3-	1/0 ACSR 6/1	1677	1586	1404	322	916	20	9	0.01	1.76	6
38170041+	38170039	4.00	172 3-	1/0 ACSR 6/1	1669	1578	1397	322	893	20	9	0.01	1.77	5
38170042+	38170041	4.06	171 3-	1/0 ACSR 6/1	1658	1567	1385	321	890	20	9	0.01	1.78	8
38170045+	38170042	4.13	171 3-	1/0 ACSR 6/1	1643	1551	1370	320	890	20	9	0.01	1.79	11
38170046+	38170045	4.18	3 1-	2 ACSR 6/1	0	0	1358	320	11	0	0	0.00	1.09	0
38170047+	38170046	4.22	2 1-	2 ACSR 6/1	0	0	1349	319	10	0	0	0.00	1.09	0
38170044+	38170045	4.23	165 3-	1/0 ACSR 6/1	1624	1532	1351	319	874	19	9	0.02	1.81	14
38170015+	38170044	4.32	164 3-	1/0 ACSR 6/1	1606	1513	1333	319	871	19	9	0.02	1.82	13
38170017+	38170015	4.36	163 3-	1/0 ACSR 6/1	1599	1506	1326	318	861	19	8	0.01	1.83	5
38170018+	38170017	4.43	1 1-	2 ACSR 6/1	0	0	1309	317	8	0	0	0.00	1.10	0
38170020+	38170017	4.43	160 3-	1/0 ACSR 6/1	1586	1492	1313	318	845	19	8	0.01	1.84	9
38170019+	38170020	4.49	159 3-	1/0 ACSR 6/1	1574	1480	1301	317	841	19	8	0.01	1.85	9
38160062+	38170019	4.52	158 3-	1/0 ACSR 6/1	1568	1474	1295	317	834	18	8	0.01	1.85	4
38160063+	38160062	4.60	158 3-	1/0 ACSR 6/1	1555	1460	1282	316	834	18	8	0.01	1.86	9
38160064+	38160063	4.67	157 3-	1/0 ACSR 6/1	1542	1447	1269	315	825	18	8	0.01	1.88	9
38160065+	38160064	4.78	156 3-	1/0 ACSR 6/1	1523	1427	1251	314	817	18	8	0.02	1.89	13
38160067+	38160065	4.84	4 1-	2 ACSR 6/1	0	0	1238	313	22	1	1	0.00	1.11	0
38160046+	38160067	4.89	3 1-	2 ACSR 6/1	0	0	1229	313	13	0	0	0.00	1.11	0
38160010+	38160046	4.94	2 1-	2 ACSR 6/1	0	0	1219	312	10	0	0	0.00	1.11	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38160066+	38160065	4.79	2 1-	2 ACSR 6/1	0	0	1248	314	8	0	0	0.00	2.66	0
38160011+	38160065	4.85	149 3-	1/0 ACSR 6/1	1510	1414	1238	313	781	17	8	0.01	1.90	9
38160018+	38160011	4.91	136 3-	1/0 ACSR 6/1	1501	1405	1229	313	721	16	7	0.01	1.91	6
38160019+	38160018	4.94	135 3-	1/0 ACSR 6/1	1495	1399	1223	313	719	16	7	0.01	1.92	4
38160020+	38160019	5.06	134 3-	1/0 ACSR 6/1	1475	1378	1204	312	712	16	7	0.02	1.93	13
38160009+	38160020	5.10	132 3-	1/0 ACSR 6/1	1469	1372	1198	311	699	15	7	0.01	1.94	4
38160007+	38160009	5.12	131 3-	1/0 ACSR 6/1	1465	1368	1194	311	690	15	7	0.00	1.94	3
38160008+	38160007	5.18	2 1-	2 ACSR 6/1	0	0	1184	310	10	0	0	0.00	2.75	0
38160006+	38160007	5.22	129 3-	1/0 ACSR 6/1	1450	1352	1180	310	680	15	7	0.02	1.95	9
381600053+	38160006	5.28	119 3-	1/0 ACSR 6/1	1439	1342	1170	310	633	14	6	0.01	1.96	5
381600054+	38160053	5.35	117 3-	1/0 ACSR 6/1	1429	1332	1161	309	615	13	6	0.01	1.97	5
381600055+	38160054	5.39	116 3-	1/0 ACSR 6/1	1423	1325	1154	309	614	13	6	0.01	1.97	3
D38-16-P005+	38160055	5.39	116 3-	REC-70-E	1423	1325	1154	309	614	13	20	0.00	1.97	0
38160005+	D38-16-P005	5.45	116 3-	1/0 ACSR 6/1	1413	1315	1145	308	614	13	6	0.01	1.98	5
38160059+	38160005	5.53	112 3-	1/0 ACSR 6/1	1402	1304	1135	307	593	13	6	0.01	1.99	5
381600060+	38160059	5.62	110 3-	1/0 ACSR 6/1	1388	1291	1122	306	585	13	6	0.01	2.00	6
381600061+	38160060	5.69	107 3-	1/0 ACSR 6/1	1378	1280	1112	306	573	13	6	0.01	2.01	5
38150037+	38160061	5.79	105 3-	1/0 ACSR 6/1	1364	1266	1099	305	565	12	6	0.01	2.02	6
38150041+	38150037	5.85	99 3-	1/0 ACSR 6/1	1355	1257	1091	304	537	12	5	0.01	2.02	3
38150029+	38150041	5.95	1 1-	2 ACSR 6/1	0	0	1076	303	8	0	0	0.00	1.09	0
38150028+	38150041	5.92	97 3-	1/0 ACSR 6/1	1345	1247	1082	304	519	11	5	0.01	2.03	4
38150030+	38150028	6.00	92 3-	1/0 ACSR 6/1	1334	1236	1072	303	503	11	5	0.01	2.04	4
38150031+	38150030	6.15	81 3-	1/0 ACSR 6/1	1314	1216	1053	302	430	9	4	0.02	2.05	6
38150032+	38150031	6.75	78 3-	1/0 ACSR 6/1	1239	1142	985	297	419	9	4	0.07	2.10	22
38250002+	38150032	6.80	0 1-	2 ACSR 6/1	0	0	978	296	0	0	0	0.00	1.07	0
38250007+	38150032	6.84	78 3-	1/0 ACSR 6/1	1228	1131	975	296	419	9	4	0.01	2.10	3
38250008+	38250007	7.01	77 3-	1/0 ACSR 6/1	1208	1111	957	294	415	9	4	0.02	2.12	6
38250009+	38250008	7.12	76 3-	1/0 ACSR 6/1	1196	1099	947	293	403	9	4	0.01	2.12	4
38240047+	38250009	7.17	75 3-	336 ACSR 18/1	1193	1096	943	293	399	9	2	0.00	2.13	0
38240040+	38240047	7.24	71 3-	336 ACSR 18/1	1189	1092	939	293	385	8	2	0.00	2.13	0
38240041+	38240040	7.29	70 3-	336 ACSR 18/1	1185	1089	936	293	380	8	2	0.00	2.13	0
38240043+	38240041	7.39	65 3-	336 ACSR 18/1	1179	1082	929	292	342	7	1	0.01	2.13	0
38240046+	38240043	7.49	62 3-	336 ACSR 18/1	1172	1076	923	292	327	7	1	0.01	2.13	0
38240045+	38240046	7.56	44 3-	336 ACSR 18/1	1168	1072	918	292	238	5	1	0.00	2.13	0
38240027+	38240045	7.59	3 1-	2 ACSR 6/1	0	0	915	291	13	0	0	0.00	3.08	0
38240026+	38240045	7.60	1 1-	2 ACSR 6/1	0	0	913	291	11	0	0	0.00	3.08	0
38240028+	38240045	7.67	39 3-	336 ACSR 18/1	1161	1065	911	291	210	4	1	0.00	2.14	0
38240029+	38240028	7.73	38 3-	336 ACSR 18/1	1157	1061	908	291	203	4	1	0.00	2.14	0
38240030+	38240029	7.77	37 3-	336 ACSR 18/1	1155	1059	905	291	202	4	1	0.00	2.14	0
38240031+	38240030	7.87	35 3-	336 ACSR 18/1	1148	1052	899	290	188	4	1	0.00	2.14	0
38240033+	38240031	7.96	34 3-	336 ACSR 18/1	1143	1047	894	290	180	4	1	0.00	2.14	0
38240035+	38240033	8.01	32 3-	336 ACSR 18/1	1140	1044	891	290	170	3	1	0.00	2.14	0
38240036+	38240035	8.06	31 3-	336 ACSR 18/1	1137	1041	888	290	161	3	1	0.00	2.14	0
38240038+	38240036	8.25	30 3-	336 ACSR 18/1	1126	1030	877	289	153	3	1	0.00	2.14	0
38240039+	38240038	8.31	29 3-	336 ACSR 18/1	1122	1027	874	289	150	3	1	0.00	2.14	0
38230017+	38240039	8.41	22 3-	336 ACSR 18/1	1117	1022	868	288	119	2	1	0.00	2.14	0
38230019+	38230017	8.46	1 1-	2 ACSR 6/1	0	0	863	287	7	0	0	0.00	1.05	0
38230018+	38230017	8.49	18 3-	336 ACSR 18/1	1112	1017	863	288	105	2	0	0.00	2.14	0
38230021+	38230018	8.58	17 3-	336 ACSR 18/1	1107	1012	859	287	97	2	0	0.00	2.14	0
38230022+	38230021	8.81	17 3-	336 ACSR 18/1	1094	999	846	286	97	2	0	0.00	2.15	0
38-23-P008-B+	38230022	8.81	17 3-	Closed	1094	999	846	286	97	2	0	0.00	2.15	0
38-23-P008-A+	38-23-P008-B	8.81	17 3-	Closed	1094	999	846	286	97	2	0	0.00	2.15	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38230023+	38-23-P008-A	8.90	17 3-	336 ACSR 18/1	1089	995	842	286	97	2	0	0.00	2.15	0
38230024+	38230023	9.00	15 3-	336 ACSR 18/1	1083	989	836	286	93	2	0	0.00	2.15	0
38230025+	38230024	9.07	1 1-	2 ACSR 6/1	0	0	830	285	9	0	0	0.00	2.30	0
38230002+	38230024	9.09	14 3-	336 ACSR 18/1	1079	985	832	285	83	1	0	0.00	2.15	0
38230026+	38230002	9.12	1 1-	2 ACSR 6/1	0	0	829	285	8	0	0	0.00	3.10	0
20852284+	38230002	10.13	13 3-	336 ACSR 18/1	1025	933	782	281	75	1	0	0.01	2.15	0
20852285+	20852284	10.16	12 3-	336 ACSR 18/1	1024	932	780	281	63	1	0	0.00	2.15	0
20852286+	20852285	10.42	11 3-	336 ACSR 18/1	1012	920	769	280	55	1	0	0.00	2.15	0
20852288+	20852286	10.51	9 3-	336 ACSR 18/1	1007	916	765	280	48	1	0	0.00	2.15	0
20850757+	20852288	10.59	7 3-	336 ACSR 18/1	1004	913	762	279	40	0	0	0.00	2.15	0
20850758+	20850757	10.64	6 3-	336 ACSR 18/1	1001	910	759	279	31	0	0	0.00	2.15	0
20850759+	20850758	10.69	5 3-	336 ACSR 18/1	999	908	757	279	28	0	0	0.00	2.15	0
20850736+	20850759	10.77	4 3-	336 ACSR 18/1	995	905	754	279	23	0	0	0.00	2.16	0
38320010+	20850736	10.80	1 1-	2 ACSR 6/1	0	0	751	278	6	0	0	0.00	2.31	0
38320008+	20850736	10.93	3 3-	336 ACSR 18/1	988	898	747	278	17	0	0	0.00	2.16	0
20850737+	38320008	10.99	3 3-	336 ACSR 18/1	985	895	745	278	17	0	0	0.00	2.16	0
37390046+	20850737	11.05	2 3-	336 ACSR 18/1	982	892	742	277	9	0	0	0.00	2.16	0
37390028+	37390046	11.14	1 3-	336 ACSR 18/1	979	889	738	277	8	0	0	0.00	2.16	0
37390029+	37390028	11.36	1 3-	336 ACSR 18/1	969	880	730	276	8	0	0	0.00	2.16	0
37390030+	37390029	11.42	1 3-	336 ACSR 18/1	966	877	727	276	8	0	0	0.00	2.16	0
37390031+	37390030	11.50	0 3-	336 ACSR 18/1	963	874	724	276	0	0	0	0.00	2.16	0
37-39-P008-A+	37390031	11.50	0 3-	Open	963	874	724	276	0	0	0	0.00	2.16	0
20852287+	20852286	10.45	2 1-	2 ACSR 6/1	0	0	766	280	7	0	0	0.00	2.31	0
38320006+	20852287	10.54	1 1-	2 ACSR 6/1	0	0	760	279	2	0	0	0.00	2.31	0
38230020+	38230018	8.54	1 1-	2 ACSR 6/1	0	0	859	287	8	0	0	0.00	1.05	0
38230015+	38240039	8.34	3 1-	2 ACSR 6/1	0	0	871	288	12	0	0	0.00	3.09	0
38230016+	38230015	8.36	2 1-	2 ACSR 6/1	0	0	868	288	7	0	0	0.00	3.09	0
38240037+	38240036	8.11	1 1-	2 ACSR 6/1	0	0	883	289	7	0	0	0.00	2.28	0
38240034+	38240033	8.01	1 1-	2 ACSR 6/1	0	0	889	289	7	0	0	0.00	1.05	0
38240032+	38240031	7.90	0 1-	2 ACSR 6/1	0	0	896	290	0	0	0	0.00	1.05	0
38240044+	38240046	7.52	14 1-	2 ACSR 6/1	0	0	919	291	72	4	3	0.00	2.27	0
D38-24-P013+	38240044	7.52	13 1-	REC-50-E	0	0	919	291	61	4	8	0.00	2.27	0
38240024+	D38-24-P013	7.98	13 1-	2 ACSR 6/1	0	0	870	286	61	4	2	0.03	2.30	1
38140009+	38240024	8.05	13 1-	2 ACSR 6/1	0	0	864	285	61	4	2	0.00	2.30	0
38140010+	38140009	8.13	3 1-	2 ACSR 6/1	0	0	855	285	7	0	0	0.00	2.30	0
38140003+	38140009	8.27	10 1-	2 ACSR 6/1	0	0	842	283	54	3	2	0.01	2.31	0
38140011+	38140003	8.30	1 1-	2 ACSR 6/1	0	0	839	283	4	0	0	0.00	2.31	0
38140012+	38140011	8.84	1 1-	2 ACSR 6/1	0	0	791	277	4	0	0	0.00	2.31	0
38140004+	38140003	8.99	9 1-	2 ACSR 6/1	0	0	779	275	50	3	2	0.04	2.35	1
38130016+	38140004	9.54	5 1-	2 ACSR 6/1	0	0	736	270	21	1	1	0.01	2.36	0
38130017+	38130016	9.58	2 1-	2 ACSR 6/1	0	0	733	269	4	0	0	0.00	2.36	0
38130018+	38130016	9.78	2 1-	2 ACSR 6/1	0	0	719	267	7	0	0	0.00	2.36	0
38120004+	38130018	9.94	1 1-	2 ACSR 6/1	0	0	707	266	0	0	0	0.00	2.36	0
38120003+	38130018	9.91	1 1-	2 ACSR 6/1	0	0	710	266	7	0	0	0.00	2.36	0
38130011+	38140004	9.16	4 1-	2 ACSR 6/1	0	0	765	273	28	1	1	0.00	2.35	0
38130012+	38130011	9.20	4 1-	2 ACSR 6/1	0	0	762	273	28	1	1	0.00	2.36	0
38130013+	38130012	9.24	3 1-	2 ACSR 6/1	0	0	758	273	20	1	1	0.00	2.36	0
38130014+	38130013	9.28	2 1-	2 ACSR 6/1	0	0	755	272	19	1	1	0.00	2.36	0
38130015+	38130014	9.33	1 1-	2 ACSR 6/1	0	0	752	272	10	0	0	0.00	2.36	0
38130002+	38130014	9.34	0 1-	2 ACSR 6/1	0	0	751	272	0	0	0	0.00	2.36	0
38240025+	38240046	7.62	1 1-	2 ACSR 6/1	0	0	909	290	9	0	0	0.00	1.06	0
38240042+	38240041	7.37	1 1-	2 ACSR 6/1	0	0	926	292	13	0	1	0.00	2.26	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38150046+	38150031	6.27	1 1-	2 ACSR 6/1	0	0	1036	300	6	0	0	0.00	1.08	0
38250006+	38150046	6.30	1 1-	2 ACSR 6/1	0	0	1032	300	6	0	0	0.00	1.08	0
38250010+	38250006	6.33	0 1-	2 ACSR 6/1	0	0	1028	300	0	0	0	0.00	1.08	0
38150027+	38150030	6.06	8 1-	2 ACSR 6/1	0	0	1063	302	54	3	2	0.00	2.92	0
D38-15-P016+	38150027	6.06	8 1-	FUS-50-E	0	0	1063	302	54	3	8	0.00	2.92	0
38150002+	D38-15-P016	6.23	8 1-	2 ACSR 6/1	0	0	1039	300	54	3	2	0.01	2.93	0
38150034+	38150002	6.28	6 1-	2 ACSR 6/1	0	0	1031	300	46	3	2	0.00	2.93	0
38150035+	38150034	6.32	5 1-	2 ACSR 6/1	0	0	1026	299	43	2	2	0.00	2.93	0
38150042+	38150035	6.38	3 1-	2 ACSR 6/1	0	0	1018	298	26	1	1	0.00	2.93	0
38150043+	38150042	6.49	2 1-	2 ACSR 6/1	0	0	1003	297	17	1	1	0.00	2.93	0
38150045+	38150043	6.82	1 1-	2 ACSR 6/1	0	0	961	293	10	0	0	0.00	2.94	0
38150044+	38150043	6.61	1 1-	2 ACSR 6/1	0	0	987	296	7	0	0	0.00	2.93	0
38150033+	38150002	6.26	2 1-	2 ACSR 6/1	0	0	1034	300	8	0	0	0.00	2.93	0
38150026+	38150028	6.02	2 1-	2 ACSR 6/1	0	0	1067	303	12	0	0	0.00	2.10	0
38150025+	38150028	5.98	3 1-	2 ACSR 6/1	0	0	1073	303	5	0	0	0.00	2.10	0
38150039+	38150037	5.88	4 1-	2 ACSR 6/1	0	0	1085	304	21	1	1	0.00	2.08	0
38150040+	38150039	5.95	3 1-	2 ACSR 6/1	0	0	1075	303	13	0	0	0.00	2.09	0
38150038+	38150037	5.83	2 1-	2 ACSR 6/1	0	0	1093	304	7	0	0	0.00	2.88	0
38150036+	38160061	5.73	1 1-	2 ACSR 6/1	0	0	1105	305	8	0	0	0.00	2.07	0
38160056+	38160005	5.49	4 1-	2 ACSR 6/1	0	0	1139	307	21	1	1	0.00	2.03	0
38160057+	38160056	5.53	3 1-	2 ACSR 6/1	0	0	1132	307	17	1	1	0.00	2.03	0
38160058+	38160057	5.60	1 1-	2 ACSR 6/1	0	0	1121	306	8	0	0	0.00	2.03	0
38160052+	38160006	5.28	9 3-	1/0 ACSR 6/1	1439	1342	1170	310	46	1	0	0.00	1.95	0
38160047+	38160052	5.30	7 3-	1/0 ACSR 6/1	1437	1340	1168	309	35	0	0	0.00	1.95	0
38-16-P009-B+	38160047	5.30	7 3-	Closed	1437	1340	1168	309	35	0	0	0.00	1.95	0
38-16-P009-A+	38-16-P009-B	5.30	7 3-	Closed	1437	1340	1168	309	35	0	0	0.00	1.95	0
38160048+	38-16-P009-A	5.34	7 3-	1/0 ACSR 6/1	1431	1333	1162	309	35	0	0	0.00	1.95	0
38160049+	38160048	5.39	5 3-	1/0 ACSR 6/1	1423	1326	1155	309	20	0	0	0.00	1.95	0
38160050+	38160049	5.44	4 3-	1/0 ACSR 6/1	1415	1318	1147	308	16	0	0	0.00	1.95	0
D38-16-P012+	38160050	5.44	4 1-	REC-50-E	0	0	1147	308	16	1	2	0.00	2.77	0
38160051+	D38-16-P012	5.48	4 1-	2 ACSR 6/1	0	0	1140	308	16	1	1	0.00	2.77	0
38160068+	38160051	5.69	3 1-	2 ACSR 6/1	0	0	1106	305	12	0	0	0.00	2.77	0
38060003+	38160068	5.73	2 1-	2 ACSR 6/1	0	0	1100	304	4	0	0	0.00	2.77	0
38060004+	38060003	5.92	1 1-	2 ACSR 6/1	0	0	1071	302	4	0	0	0.00	2.77	0
38160069+	38160050	5.47	0 3-	1/0 ACSR 6/1	1411	1313	1143	308	0	0	0	0.00	1.95	0
38160070+	38160069	5.54	0 3-	1/0 ACSR 6/1	1400	1302	1133	307	0	0	0	0.00	1.95	0
38160013+	38160011	4.92	4 1-	2 ACSR 6/1	0	0	1225	313	14	0	1	0.00	1.11	0
38160014+	38160013	4.99	2 1-	2 ACSR 6/1	0	0	1212	312	9	0	0	0.00	1.11	0
38160012+	38160011	4.91	6 1-	2 ACSR 6/1	0	0	1226	313	35	2	1	0.00	1.11	0
38160017+	38160012	4.93	2 1-	2 ACSR 6/1	0	0	1223	313	12	0	0	0.00	1.11	0
38160016+	38160012	4.93	3 1-	2 ACSR 6/1	0	0	1223	312	23	1	1	0.00	1.11	0
38160015+	38160016	4.95	2 1-	2 ACSR 6/1	0	0	1220	312	12	0	0	0.00	1.11	0
38170016+	38170015	4.38	1 1-	2 ACSR 6/1	0	0	1319	318	10	0	0	0.00	1.10	0
38170043+	38170045	4.17	3 1-	2 ACSR 6/1	0	0	1362	320	5	0	0	0.00	1.81	0
38170040+	38170039	4.00	2 1-	2 ACSR 6/1	0	0	1395	321	13	0	0	0.00	1.09	0
38170037+	38170049	3.94	1 1-	2 ACSR 6/1	0	0	1408	322	2	0	0	0.00	2.39	0
38170052+	38170021	3.54	3 3-	1/0 ACSR 6/1	1767	1682	1499	326	1656	39	17	0.02	1.70	26
38170380+	38170052	3.54	2 3-	Consumer	1767	1682	1499	326	1650	39	0	0.00	1.70	0
38170055+	38170052	3.55	1 1-	2 ACSR 6/1	0	0	1496	326	5	0	0	0.00	1.72	0
38170054+	38170052	3.89	0 3-	1/0 ACSR 6/1	1693	1603	1421	323	0	0	0	0.00	1.70	0
38080006+	38080028	2.97	1 1-	2 ACSR 6/1	0	0	1648	332	0	0	0	0.00	1.41	0
38080040+	38080041	2.83	1 1-	2 ACSR 6/1	0	0	1686	333	5	0	0	0.00	1.32	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
38180070+	38180092	1.22	2 3-	2 ACSR 6/1	2427	2404	2294	348	77	1	1	0.00	0.45	0
38180072+	38180070	1.27	0 3-	2 ACSR 6/1	2409	2383	2269	347	0	0	0	0.00	0.45	0
38180069+	38180072	1.27	0 1-	2 ACSR 6/1	0	0	2267	347	0	0	0	0.00	0.23	0
38180071+	38180070	1.44	2 3-	2 ACSR 6/1	2341	2305	2177	345	77	1	1	0.00	0.45	0
38180062+	38180012	0.98	2 3-	266 ACSR 18/1	2516	2505	2422	350	537	12	3	0.00	0.38	0
38180360+	38180062	0.98	2 3-	Consumer	2516	2505	2422	350	537	12	0	0.00	0.38	0
D38-18-P051+	38180062	0.98	0 3-	REC-100-E	2516	2505	2422	350	0	0	0	0.00	0.38	0
38180073+	D38-18-P051	1.00	0 3-	266 ACSR 18/1	2507	2495	2409	350	0	0	0	0.00	0.38	0
38180065+	38180073	1.08	0 3-	266 ACSR 18/1	2481	2465	2371	350	0	0	0	0.00	0.38	0
38180056+	38180065	1.09	0 3-	266 ACSR 18/1	2477	2460	2365	349	0	0	0	0.00	0.38	0
38180011+	38180073	1.03	0 3-	266 ACSR 18/1	2500	2486	2398	350	0	0	0	0.00	0.38	0
38180063+	38180011	1.11	0 3-	266 ACSR 18/1	2470	2452	2354	349	0	0	0	0.00	0.38	0
38180010+	38180011	1.04	0 3-	266 ACSR 18/1	2495	2481	2391	350	0	0	0	0.00	0.38	0
CKT 2 total losses:	\$3,776													
SUB 103, CKT 3														
BK103-03+	CHAD(103)	0.00	112 3-	BK10303	2909	2949	3044	356	551	12	8	0.00	0.00	0
38280012+	BK103-03	0.02	112 3-	4/0 ACSR 6/1	2900	2938	3028	356	551	12	4	0.00	0.00	0
38-28-P095-B+	38280012	0.02	112 3-	Closed	2900	2938	3028	356	551	12	0	0.00	0.00	0
38-28-P095-A+	38-28-P095-B	0.02	112 3-	Closed	2900	2938	3028	356	551	12	0	0.00	0.00	0
38280014+	38-28-P095-A	0.04	112 3-	4/0 ACSR 6/1	2892	2930	3015	356	551	12	4	0.00	0.00	0
38280057+	38280014	0.08	110 3-	4/0 ACSR 6/1	2876	2911	2987	356	543	12	4	0.00	0.00	0
38280086+	38280057	0.22	110 3-	4/0 ACSR 6/1	2813	2840	2880	355	543	12	4	0.01	0.01	3
38290066+	38280086	0.29	107 3-	4/0 ACSR 6/1	2785	2808	2834	354	529	11	3	0.00	0.02	1
38290067+	38290066	0.35	106 3-	4/0 ACSR 6/1	2759	2778	2791	354	526	11	3	0.00	0.02	1
38290068+	38290067	0.41	105 3-	4/0 ACSR 6/1	2738	2754	2756	353	519	11	3	0.00	0.02	0
38290070+	38290068	0.47	101 3-	4/0 ACSR 6/1	2712	2724	2715	353	500	11	3	0.00	0.03	1
38290071+	38290070	0.57	99 3-	4/0 ACSR 6/1	2676	2683	2657	352	493	10	3	0.00	0.03	2
38290072+	38290071	0.63	97 3-	4/0 ACSR 6/1	2653	2657	2621	352	476	10	3	0.00	0.03	0
38290079+	38290072	0.72	90 3-	4/0 ACSR 6/1	2617	2616	2566	351	437	9	3	0.01	0.04	1
38290080+	38290079	0.77	87 3-	4/0 ACSR 6/1	2599	2595	2538	351	418	9	3	0.00	0.04	0
38290088+	38290080	0.80	81 3-	4/0 ACSR 6/1	2587	2582	2520	351	386	8	3	0.00	0.04	0
38290087+	38290088	0.85	76 3-	4/0 ACSR 6/1	2569	2561	2492	350	365	8	2	0.00	0.04	0
38290097+	38290087	0.93	72 3-	4/0 ACSR 6/1	2542	2530	2451	350	356	7	2	0.00	0.04	0
38290099+	38290097	0.96	70 3-	4/0 ACSR 6/1	2530	2516	2434	349	343	7	2	0.00	0.05	0
38290100+	38290099	1.06	66 3-	4/0 ACSR 6/1	2498	2480	2387	349	327	7	2	0.00	0.05	0
38290092+	38290100	1.11	10 1-	2 ACSR 6/1	0	0	2354	348	45	3	2	0.00	0.05	0
38290093+	38290092	1.14	6 1-	2 ACSR 6/1	0	0	2340	348	40	2	1	0.00	0.05	0
38290094+	38290093	1.16	2 1-	2 ACSR 6/1	0	0	2326	347	21	1	1	0.00	0.05	0
38290095+	38290100	1.13	55 3-	4/0 ACSR 6/1	2472	2451	2349	348	277	6	2	0.00	0.05	0
38290090+	38290095	1.24	44 3-	4/0 ACSR 6/1	2438	2412	2300	348	221	5	1	0.00	0.05	0
38290104+	38290090	1.27	1 1-	2 ACSR 6/1	0	0	2280	347	11	0	0	0.00	0.06	0
38290105+	38290104	1.36	1 1-	2 ACSR 6/1	0	0	2232	346	11	0	0	0.00	0.06	0
38290101+	38290090	1.31	3 1-	2 ACSR 6/1	0	0	2259	346	5	0	0	0.00	0.05	0
38290102+	38290101	1.34	1 1-	2 ACSR 6/1	0	0	2243	346	1	0	0	0.00	0.05	0
38290103+	38290102	1.38	0 1-	2 ACSR 6/1	0	0	2224	345	0	0	0	0.00	0.05	0
38290091+	38290090	1.30	39 3-	4/0 ACSR 6/1	2418	2390	2272	347	203	4	1	0.00	0.05	0
38290106+	38290091	1.32	6 1-	2 ACSR 6/1	0	0	2263	347	18	1	1	0.00	0.05	0
38290112+	38290106	1.43	6 1-	2 ACSR 6/1	0	0	2202	345	18	1	1	0.00	0.05	0
38290113+	38290112	1.46	5 1-	2 ACSR 6/1	0	0	2183	345	15	0	1	0.00	0.05	0
38190013+	38290113	1.49	4 1-	2 ACSR 6/1	0	0	2168	344	10	0	0	0.00	0.05	0
38290107+	38290091	1.38	33 3-	4/0 ACSR 6/1	2394	2363	2238	347	185	4	1	0.00	0.06	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
38290109+	38290107	1.42	30 3-	4/0 ACSR 6/1	2379	2345	2216	346	165	3	1	0.00	0.06	0
38290108+	38290109	1.52	21 3-	4/0 ACSR 6/1	2350	2313	2177	346	124	2	1	0.00	0.06	0
38190014+	38290108	1.53	20 3-	4/0 ACSR 6/1	2348	2311	2174	346	117	2	1	0.00	0.06	0
38-19-P024-B+	38190014	1.53	20 3-	Closed	2348	2311	2174	346	117	2	0	0.00	0.06	0
38-19-P024-A+	38-19-P024-B	1.53	20 3-	Closed	2348	2311	2174	346	117	2	0	0.00	0.06	0
38190005+	38-19-P024-A	1.55	20 3-	4/0 ACSR 6/1	2340	2302	2163	345	117	2	1	0.00	0.06	0
38190018+	38190005	1.60	1 1-	2 ACSR 6/1	0	0	2139	345	5	0	0	0.00	0.06	0
38190004+	38190005	1.62	19 3-	4/0 ACSR 6/1	2321	2280	2137	345	112	2	1	0.00	0.06	0
D39-12-P002+	38190004	1.62	4 1-	REC-50-E	0	0	2137	345	15	0	2	0.00	0.06	0
39120028+	D39-12-P002	1.74	4 1-	2 ACSR 6/1	0	0	2076	343	15	0	1	0.00	0.06	0
38190015+	39120028	1.78	3 1-	2 ACSR 6/1	0	0	2058	343	2	0	0	0.00	0.06	0
38190017+	38190015	1.83	0 1-	2 ACSR 6/1	0	0	2033	342	0	0	0	0.00	0.06	0
38190016+	38190015	1.91	1 1-	2 ACSR 6/1	0	0	1996	341	2	0	0	0.00	0.06	0
39120043+	38190004	1.67	6 3-	4/0 ACSR 6/1	2304	2262	2114	345	55	1	0	0.00	0.06	0
39120044+	39120043	1.77	4 3-	4/0 ACSR 6/1	2274	2229	2074	344	46	1	0	0.00	0.06	0
39120031+	39120044	1.92	3 3-	4/0 ACSR 6/1	2233	2183	2019	343	37	0	0	0.00	0.06	0
39120032+	39120031	1.97	0 1-	2 ACSR 6/1	0	0	1996	342	0	0	0	0.00	0.06	0
39120007+	39120031	2.60	3 3-	4/0 ACSR 6/1	2059	1992	1799	338	37	0	0	0.00	0.06	0
39120009+	39120007	2.77	1 3-	4/0 ACSR 6/1	2020	1950	1752	337	10	0	0	0.00	0.06	0
39120029+	39120009	2.84	1 1-	2 ACSR 6/1	0	0	1727	336	10	0	0	0.00	0.06	0
39120010+	39120009	3.14	0 3-	4/0 ACSR 6/1	1938	1863	1655	335	0	0	0	0.00	0.06	0
39-13-P005-B+	39120010	3.14	0 3-	Open	1938	1863	1655	335	0	0	0	0.00	0.06	0
39120008+	39120007	2.71	2 1-	2 ACSR 6/1	0	0	1759	337	27	1	1	0.00	0.07	0
D39-12-P062+	39120008	2.71	2 1-	REC-35-E	0	0	1759	337	27	1	5	0.00	0.07	0
39120030+	D39-12-P062	2.74	2 1-	2 ACSR 6/1	0	0	1747	336	27	1	1	0.00	0.07	0
39120002+	39120030	2.94	0 1-	2 ACSR 6/1	0	0	1682	333	0	0	0	0.00	0.07	0
39120033+	39120002	3.11	0 1-	2 ACSR 6/1	0	0	1626	331	0	0	0	0.00	0.07	0
39120034+	39120033	3.18	0 1-	2 ACSR 6/1	0	0	1602	330	0	0	0	0.00	0.07	0
39120035+	39120034	3.24	0 1-	2 ACSR 6/1	0	0	1583	329	0	0	0	0.00	0.07	0
39120037+	39120035	3.38	0 1-	2 ACSR 6/1	0	0	1544	327	0	0	0	0.00	0.07	0
39120036+	39120035	3.34	0 1-	2 ACSR 6/1	0	0	1553	327	0	0	0	0.00	0.07	0
39020004+	39120036	3.63	0 1-	2 ACSR 6/1	0	0	1473	323	0	0	0	0.00	0.07	0
39020005+	39020004	3.65	0 1-	2 ACSR 6/1	0	0	1468	323	0	0	0	0.00	0.07	0
39020006+	39020005	3.67	0 1-	2 ACSR 6/1	0	0	1462	323	0	0	0	0.00	0.07	0
39120038+	39120034	3.28	0 1-	2 ACSR 6/1	0	0	1573	328	0	0	0	0.00	0.07	0
39120039+	39120038	3.44	0 1-	2 ACSR 6/1	0	0	1526	326	0	0	0	0.00	0.07	0
39120040+	38190004	1.68	9 1-	2 ACSR 6/1	0	0	2106	344	41	2	2	0.00	0.06	0
39120041+	39120040	1.73	7 1-	2 ACSR 6/1	0	0	2082	343	26	1	1	0.00	0.06	0
39120042+	39120041	1.77	3 1-	2 ACSR 6/1	0	0	2063	343	9	0	0	0.00	0.06	0
38290110+	38290109	1.46	4 1-	2 ACSR 6/1	0	0	2198	346	13	0	0	0.00	0.05	0
38290111+	38290110	1.50	3 1-	2 ACSR 6/1	0	0	2174	345	11	0	0	0.00	0.05	0
39220002+	38290111	1.56	1 1-	2 ACSR 6/1	0	0	2146	344	6	0	0	0.00	0.05	0
38290096+	38290095	1.18	7 1-	2 ACSR 6/1	0	0	2324	348	25	1	1	0.00	0.04	0
38290089+	38290096	1.21	2 1-	2 ACSR 6/1	0	0	2307	347	10	0	0	0.00	0.04	0
38290098+	38290097	0.98	2 1-	2 ACSR 6/1	0	0	2419	349	13	0	0	0.00	0.05	0
38290086+	38290088	0.87	3 1-	2 ACSR 6/1	0	0	2478	350	6	0	0	0.00	0.04	0
38290083+	38290086	0.89	3 1-	2 ACSR 6/1	0	0	2463	349	6	0	0	0.00	0.04	0
38290084+	38290083	0.95	3 1-	2 ACSR 6/1	0	0	2427	348	6	0	0	0.00	0.04	0
38290085+	38290088	0.86	1 1-	2 ACSR 6/1	0	0	2483	350	8	0	0	0.00	0.04	0
38290060+	38290080	0.79	4 1-	2 ACSR 6/1	0	0	2526	351	14	0	1	0.00	0.03	0
38290073+	38290072	0.67	4 1-	2 ACSR 6/1	0	0	2590	351	33	2	1	0.00	0.03	0
38290076+	38290073	0.73	3 1-	2 ACSR 6/1	0	0	2546	350	16	1	1	0.00	0.03	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
38290078+	38290076	0.83	1 1-	2 ACSR 6/1	0	0	2482	349	2	0	0	0.00	0.03	0
38290077+	38290076	0.77	2 1-	2 ACSR 6/1	0	0	2523	350	14	0	1	0.00	0.03	0
38290074+	38290073	0.74	1 1-	2 ACSR 6/1	0	0	2543	350	16	1	1	0.00	0.03	0
38290075+	38290074	0.83	0 1-	2 ACSR 6/1	0	0	2481	349	0	0	0	0.00	0.03	0
38290069+	38290068	0.45	3 1-	2 ACSR 6/1	0	0	2723	353	11	0	0	0.00	0.02	0
38280069+	38280014	0.16	2 1-	2 ACSR 6/1	0	0	2914	354	7	0	0	0.00	0.00	0
CKT 3 total losses:		\$9												
SUB 103, CKT 4														
BK103-04+	CHAD(103)	0.00	808 3-	BK10304	2909	2949	3044	356	5350	118	79	0.00	0.00	0
38280013+	BK103-04	0.04	808 3-	4/0 ACSR 6/1	2894	2931	3017	356	5350	118	35	0.01	0.02	73
38-28-P039-B+	38280013	0.04	808 3-	Closed	2894	2931	3017	356	5350	118	0	0.00	0.02	0
38-28-P039-A+	38-28-P039-B	0.04	808 3-	Closed	2894	2931	3017	356	5350	118	0	0.00	0.02	0
38280059+	38-28-P039-A	0.08	808 3-	4/0 ACSR 6/1	2876	2911	2986	356	5350	118	35	0.01	0.04	85
38280060+	38280059	0.14	1 1-	2 ACSR 6/1	0	0	2929	355	9	0	0	0.00	0.03	0
38280058+	38280059	0.12	806 3-	4/0 ACSR 6/1	2855	2887	2951	355	5326	117	35	0.02	0.06	98
D38-28-P034+	38280058	0.12	4 1-	FUS-30	0	0	2951	355	33	2	8	0.00	0.05	0
38280101+	D38-28-P034	0.23	4 1-	2 ACSR 6/1	0	0	2865	354	33	2	1	0.00	0.05	0
38280061+	38280101	0.26	2 1-	2 ACSR 6/1	0	0	2838	353	18	1	1	0.00	0.05	0
38280063+	38280061	0.29	0 1-	2 ACSR 6/1	0	0	2814	353	0	0	0	0.00	0.05	0
38280062+	38280061	0.30	1 1-	2 ACSR 6/1	0	0	2803	352	10	0	0	0.00	0.05	0
38280064+	38280058	0.16	802 3-	4/0 ACSR 6/1	2838	2868	2922	355	5293	117	34	0.01	0.08	81
38280065+	38280064	0.27	801 3-	4/0 ACSR 6/1	2795	2819	2850	354	5285	116	34	0.04	0.13	208
D38-28-P031+	38280065	0.27	1 1-	FUS-30	0	0	2850	354	7	0	2	0.00	0.11	0
38280100+	D38-28-P031	0.29	1 1-	2 ACSR 6/1	0	0	2831	354	7	0	0	0.00	0.11	0
38280066+	38280065	0.50	800 3-	4/0 ACSR 6/1	2702	2713	2699	353	5275	116	34	0.08	0.24	463
D38-28-P024+	38280066	0.50	1 1-	FUS-30	0	0	2699	353	4	0	1	0.00	0.17	0
38280099+	D38-28-P024	0.56	1 1-	2 ACSR 6/1	0	0	2653	352	4	0	0	0.00	0.17	0
38280067+	38280066	0.57	799 3-	4/0 ACSR 6/1	2673	2680	2653	352	5267	116	34	0.03	0.28	152
38280084+	38280067	0.73	779 3-	4/0 ACSR 6/1	2615	2614	2563	351	4954	109	32	0.04	0.34	280
D38-28-P009+	38280084	0.73	1 1-	FUS-30	0	0	2563	351	7	0	2	0.00	0.52	0
38280098+	D38-28-P009	0.75	1 1-	2 ACSR 6/1	0	0	2548	351	7	0	0	0.00	0.52	0
38280085+	38280084	0.82	778 3-	4/0 ACSR 6/1	2580	2573	2509	350	4944	109	32	0.03	0.39	175
D38-28-P148+	38280085	0.82	4 1-	FUS-40	0	0	2509	350	18	1	3	0.00	0.30	0
38280102+	D38-28-P148	0.84	4 1-	2 ACSR 6/1	0	0	2499	350	18	1	1	0.00	0.30	0
38280074+	38280102	0.88	2 1-	2 ACSR 6/1	0	0	2470	350	8	0	0	0.00	0.30	0
38280073+	38280085	0.86	1 1-	2 ACSR 6/1	0	0	2487	350	0	0	0	0.00	0.30	0
38280010+	38280085	0.98	773 3-	4/0 ACSR 6/1	2524	2509	2424	349	4924	109	32	0.05	0.46	287
D38-28-P001+	38280010	0.98	6 1-	FUS-40	0	0	2424	349	35	2	7	0.00	0.70	0
38280097+	D38-28-P001	1.01	6 1-	2 ACSR 6/1	0	0	2407	349	35	2	1	0.00	0.70	0
38280075+	38280097	1.04	3 1-	2 ACSR 6/1	0	0	2389	348	25	1	1	0.00	0.70	0
38280076+	38280075	1.07	2 1-	2 ACSR 6/1	0	0	2371	348	19	1	1	0.00	0.70	0
38280011+	38280010	1.04	767 3-	4/0 ACSR 6/1	2505	2488	2397	349	4887	108	32	0.02	0.48	95
D38-27-P042+	38280011	1.04	1 1-	FUS-30	0	0	2397	349	9	0	2	0.00	0.74	0
38270038+	D38-27-P042	1.07	1 1-	2 ACSR 6/1	0	0	2379	349	9	0	0	0.00	0.74	0
38270004+	38280011	1.12	766 3-	4/0 ACSR 6/1	2477	2456	2356	348	4877	108	32	0.02	0.52	147
38270053+	38270004	1.16	50 1-	2 ACSR 6/1	0	0	2332	348	2882	18	11	0.01	0.80	3
D38-27-P029+	38270053	1.16	47 1-	REC-50-E	0	0	2332	348	274	18	37	0.00	0.80	0
38270054+	D38-27-P029	1.19	47 1-	2 ACSR 6/1	0	0	2313	347	274	18	10	0.01	0.81	2
38270055+	38270054	1.22	45 1-	2 ACSR 6/1	0	0	2300	347	264	17	10	0.01	0.82	1
38270061+	38270055	1.25	43 1-	2 ACSR 6/1	0	0	2281	346	242	16	9	0.01	0.83	1
38270042+	38270061	1.29	8 1-	2 ACSR 6/1	0	0	2259	346	51	3	2	0.00	0.83	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38270041+	38270042	1.30	3 1-	2 ACSR 6/1	0	0	2251	346	18	1	1	0.00	0.83	0
38270037+	38270041	1.35	2 1-	2 ACSR 6/1	0	0	2226	345	10	0	0	0.00	0.83	0
38270036+	38270061	1.29	32 1-	2 ACSR 6/1	0	0	2258	346	171	11	6	0.01	0.83	0
38370053+	38270036	1.35	2 1-	2 ACSR 6/1	0	0	2226	345	12	0	0	0.00	0.83	0
38370052+	38270036	1.37	28 1-	2 ACSR 6/1	0	0	2217	345	158	10	6	0.01	0.85	1
38370061+	38370052	1.44	23 1-	2 ACSR 6/1	0	0	2178	344	132	8	5	0.01	0.86	0
38370062+	38370061	1.48	22 1-	2 ACSR 6/1	0	0	2158	343	126	8	5	0.01	0.86	0
20852290+	38370062	1.51	4 1-	2 ACSR 6/1	0	0	2137	342	13	0	0	0.00	0.86	0
20850965+	38370062	1.55	18 1-	2 ACSR 6/1	0	0	2116	342	113	7	4	0.01	0.87	0
20852291+	20850965	1.63	14 1-	2 ACSR 6/1	0	0	2078	341	96	6	4	0.01	0.88	0
20852292+	20852291	1.67	14 1-	2 ACSR 6/1	0	0	2057	340	96	6	4	0.00	0.88	0
20852293+	20852292	1.82	12 1-	2 ACSR 6/1	0	0	1986	338	85	5	3	0.01	0.89	0
20852295+	20852293	1.84	5 1-	2 ACSR 6/1	0	0	1978	338	42	2	2	0.00	0.89	0
38370054+	20852295	1.88	2 1-	2 ACSR 6/1	0	0	1957	337	16	1	1	0.00	0.89	0
38370057+	20852295	1.95	1 1-	2 ACSR 6/1	0	0	1928	336	8	0	0	0.00	0.89	0
20852294+	20852293	1.89	6 1-	2 ACSR 6/1	0	0	1956	337	40	2	1	0.00	0.90	0
38370010+	20852294	2.00	1 1-	2 ACSR 6/1	0	0	1906	335	12	0	0	0.00	0.90	0
20852296+	20852294	1.94	5 1-	2 ACSR 6/1	0	0	1933	336	28	1	1	0.00	0.90	0
20852297+	20852296	1.98	4 1-	2 ACSR 6/1	0	0	1914	336	22	1	1	0.00	0.90	0
38370008+	20852297	2.06	2 1-	2 ACSR 6/1	0	0	1880	334	16	1	1	0.00	0.90	0
38370009+	38370008	2.12	1 1-	2 ACSR 6/1	0	0	1854	333	6	0	0	0.00	0.90	0
38370006+	20852297	2.02	2 1-	2 ACSR 6/1	0	0	1896	335	6	0	0	0.00	0.90	0
38370007+	38370006	2.07	0 1-	2 ACSR 6/1	0	0	1876	334	0	0	0	0.00	0.90	0
38370004+	20850965	1.57	4 1-	2 ACSR 6/1	0	0	2106	341	17	1	1	0.00	0.87	0
38370058+	38370004	1.62	2 1-	2 ACSR 6/1	0	0	2081	341	8	0	0	0.00	0.87	0
38270043+	38370058	1.65	1 1-	2 ACSR 6/1	0	0	2068	340	2	0	0	0.00	0.87	0
38270044+	38270043	1.75	1 1-	2 ACSR 6/1	0	0	2022	339	2	0	0	0.00	0.87	0
38370005+	38370004	1.60	0 1-	2 ACSR 6/1	0	0	2096	341	0	0	0	0.00	0.87	0
38370059+	38370052	1.43	2 1-	2 ACSR 6/1	0	0	2184	344	12	0	0	0.00	0.85	0
38370060+	38370059	1.47	1 1-	2 ACSR 6/1	0	0	2163	343	4	0	0	0.00	0.85	0
38270056+	38270055	1.28	1 1-	2 ACSR 6/1	0	0	2265	346	14	0	1	0.00	0.82	0
38270005+	38270004	1.20	716 3-	4/0 ACSR 6/1	2450	2426	2318	348	4594	101	30	0.02	0.55	122
D38-27-P024+	38270005	1.20	3 1-	FUS-50	0	0	2318	348	25	1	4	0.00	0.38	0
38270039+	D38-27-P024	1.23	3 1-	2 ACSR 6/1	0	0	2302	347	25	1	1	0.00	0.38	0
38270057+	38270039	1.25	1 1-	2 ACSR 6/1	0	0	2287	347	8	0	0	0.00	0.38	0
38270058+	38270005	1.22	8 1-	2 ACSR 6/1	0	0	2309	348	43	2	2	0.00	0.38	0
38270059+	38270058	1.24	7 1-	2 ACSR 6/1	0	0	2297	347	43	2	2	0.00	0.38	0
38270060+	38270059	1.27	3 1-	2 ACSR 6/1	0	0	2279	347	12	0	0	0.00	0.38	0
38270006+	38270005	1.29	705 3-	4/0 ACSR 6/1	2421	2393	2276	347	4525	100	30	0.02	0.58	136
D38-27-P018+	38270006	1.29	5 1-	FUS-30	0	0	2276	347	15	1	4	0.00	0.46	0
38270040+	D38-27-P018	1.31	5 1-	2 ACSR 6/1	0	0	2267	347	15	1	1	0.00	0.46	0
38270045+	38270040	1.34	1 1-	2 ACSR 6/1	0	0	2247	346	5	0	0	0.00	0.46	0
38270046+	38270006	1.36	700 3-	4/0 ACSR 6/1	2400	2370	2247	347	4508	99	29	0.01	0.61	94
38270047+	38270046	1.41	696 3-	4/0 ACSR 6/1	2382	2349	2221	346	4483	99	29	0.01	0.63	86
38-27-P095-B+	38270047	1.41	696 3-	Closed	2382	2349	2221	346	4482	99	0	0.00	0.63	0
38-27-P095-A+	38-27-P095-B	1.41	696 3-	Closed	2382	2349	2221	346	4482	99	0	0.00	0.63	0
38270050+	38-27-P095-A	1.46	696 3-	4/0 ACSR 6/1	2367	2332	2200	346	4482	99	29	0.01	0.65	73
38270051+	38270050	1.49	693 3-	4/0 ACSR 6/1	2359	2323	2189	346	4473	99	29	0.01	0.66	36
38270052+	38270051	1.70	692 3-	4/0 ACSR 6/1	2297	2254	2105	344	4465	99	29	0.05	0.74	300
38270035+	38270052	1.79	692 3-	4/0 ACSR 6/1	2269	2223	2067	344	4462	99	29	0.02	0.78	141
38270007+	38270035	1.95	692 3-	4/0 ACSR 6/1	2226	2176	2011	343	4461	99	29	0.04	0.84	221
20850009+	38270007	2.06	691 3-	4/0 ACSR 6/1	2195	2141	1970	342	4455	98	29	0.03	0.88	166

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D38-37-P004+	20850009	2.06	2 1-	FUS-30	0	0	1970	342	14	0	3	0.00	0.75	0
38370055+	D38-37-P004	2.09	2 1-	2 ACSR 6/1	0	0	1958	341	14	0	1	0.00	0.75	0
38370037+	20850009	2.22	689 3-	4/0 ACSR 6/1	2154	2097	1918	341	4439	98	29	0.04	0.94	223
D38-37-P001+	38370037	2.22	3 1-	FUS-40	0	0	1918	341	23	1	4	0.00	0.61	0
38370056+	D38-37-P001	2.33	3 1-	2 ACSR 6/1	0	0	1872	339	23	1	1	0.00	0.61	0
38370038+	38370037	2.31	685 3-	4/0 ACSR 6/1	2131	2071	1889	340	4407	98	29	0.02	0.98	130
D38-36-P052+	38370038	2.31	5 1-	FUS	0	0	1889	340	27	1	41	0.00	0.84	0
38360078+	D38-36-P052	2.36	5 1-	2 ACSR 6/1	0	0	1868	339	27	1	1	0.00	0.84	0
38370039+	38360078	2.44	2 1-	2 ACSR 6/1	0	0	1838	338	15	1	1	0.00	0.84	0
38360028+	38370038	2.39	680 3-	4/0 ACSR 6/1	2110	2048	1862	340	4379	97	29	0.02	1.01	117
38360029+	38360028	2.43	679 3-	4/0 ACSR 6/1	2100	2038	1850	339	4368	97	29	0.01	1.02	54
38360030+	38360029	2.48	678 3-	4/0 ACSR 6/1	2087	2023	1834	339	4367	97	29	0.01	1.05	76
38360061+	38360030	2.64	642 3-	4/0 ACSR 6/1	2050	1983	1789	338	4159	92	27	0.03	1.10	191
38360062+	38360061	2.65	641 3-	4/0 ACSR 6/1	2048	1981	1786	338	4150	92	27	0.00	1.10	12
38-36-P034-B+	38360062	2.65	641 3-	Closed	2048	1981	1786	338	4150	92	0	0.00	1.10	0
38-36-P034-A+	38-36-P034-B	2.65	641 3-	Closed	2048	1981	1786	338	4150	92	0	0.00	1.10	0
38360063+	38-36-P034-A	2.80	641 3-	4/0 ACSR 6/1	2012	1941	1742	337	4150	92	27	0.03	1.16	197
38360064+	38360063	2.92	640 3-	4/0 ACSR 6/1	1986	1914	1711	336	4147	92	27	0.02	1.20	142
D38-36-P028+	38360064	2.92	4 1-	FUS-40	0	0	1711	336	24	1	4	0.00	1.76	0
38360058+	D38-36-P028	2.94	4 1-	2 ACSR 6/1	0	0	1703	336	24	1	1	0.00	1.76	0
38360065+	38360058	2.97	3 1-	2 ACSR 6/1	0	0	1695	335	14	0	1	0.00	1.76	0
38360066+	38360065	3.00	1 1-	2 ACSR 6/1	0	0	1686	335	10	0	0	0.00	1.76	0
38360027+	38360064	3.00	636 3-	4/0 ACSR 6/1	1968	1895	1690	335	4122	91	27	0.02	1.23	100
D38-36-P015+	38360027	3.00	8 1-	REC-50-E	0	0	1690	335	66	4	9	0.00	1.11	0
38360067+	D38-36-P015	3.04	8 1-	2 ACSR 6/1	0	0	1677	335	66	4	2	0.00	1.11	0
38360068+	38360067	3.06	7 1-	2 ACSR 6/1	0	0	1669	335	58	3	2	0.00	1.11	0
38360069+	38360068	3.09	6 1-	2 ACSR 6/1	0	0	1661	334	47	3	2	0.00	1.12	0
38360070+	38360069	3.13	2 1-	2 ACSR 6/1	0	0	1649	334	17	1	1	0.00	1.12	0
38360026+	38360069	3.11	4 1-	2 ACSR 6/1	0	0	1654	334	30	2	1	0.00	1.12	0
20850739+	38360026	3.21	1 1-	2 ACSR 6/1	0	0	1622	332	10	0	0	0.00	1.12	0
20850738+	38360026	3.17	2 1-	2 ACSR 6/1	0	0	1635	333	15	1	1	0.00	1.12	0
38360023+	38360026	3.20	1 1-	2 ACSR 6/1	0	0	1625	333	5	0	0	0.00	1.12	0
20850873+	38360023	3.28	1 1-	2 ACSR 6/1	0	0	1601	331	5	0	0	0.00	1.12	0
20850872+	38360023	3.25	0 1-	2 ACSR 6/1	0	0	1612	332	0	0	0	0.00	1.12	0
38360034+	38360027	3.12	628 3-	4/0 ACSR 6/1	1942	1867	1660	335	4056	90	27	0.03	1.27	143
38360076+	38360034	3.16	2 1-	2 ACSR 6/1	0	0	1647	334	15	0	1	0.00	1.16	0
38360024+	38360034	3.16	626 3-	4/0 ACSR 6/1	1934	1858	1650	334	4040	90	26	0.01	1.28	46
38360077+	38360024	3.20	0 1-	2 ACSR 6/1	0	0	1638	334	0	0	0	0.00	0.81	0
38360073+	38360024	3.21	626 3-	4/0 ACSR 6/1	1923	1846	1637	334	4039	90	26	0.01	1.30	62
38360074+	38360073	3.25	624 3-	4/0 ACSR 6/1	1914	1837	1627	334	4030	89	26	0.01	1.31	48
38360075+	38360074	3.28	621 3-	4/0 ACSR 6/1	1908	1831	1620	334	4015	89	26	0.01	1.32	34
D38-36-P153+	38360075	3.28	621 3-	ER3-RVE-280/120	1908	1831	1620	334	4014	89	64	0.00	1.32	0
38360033+	D38-36-P153	3.51	621 3-	4/0 ACSR 6/1	1862	1782	1567	332	4014	89	26	0.05	1.40	269
38360025+	38360033	3.54	17 1-	2 ACSR 6/1	0	0	1559	332	137	9	5	0.00	0.90	0
D38-46-P006+	38360025	3.54	17 1-	REC-35-E	0	0	1559	332	137	9	26	0.00	0.90	0
38460034+	D38-46-P006	3.56	17 1-	2 ACSR 6/1	0	0	1555	331	137	9	5	0.00	0.90	0
38460035+	38460034	3.61	16 1-	2 ACSR 6/1	0	0	1541	331	128	8	5	0.01	0.90	0
38460036+	38460035	3.70	15 1-	2 ACSR 6/1	0	0	1515	329	117	7	4	0.01	0.92	0
38460023+	38460036	3.82	14 1-	2 ACSR 6/1	0	0	1483	328	105	7	4	0.01	0.93	0
38460024+	38460023	3.91	13 1-	2 ACSR 6/1	0	0	1458	326	101	6	4	0.01	0.94	0
38460026+	38460024	3.97	6 1-	2 ACSR 6/1	0	0	1445	326	48	3	2	0.00	0.94	0
38460027+	38460026	4.00	5 1-	2 ACSR 6/1	0	0	1436	325	44	2	2	0.00	0.94	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38460028+	38460027	4.04	4 1-	2 ACSR 6/1	0	0	1425	324	29	1	1	0.00	0.94	0
38460005+	38460024	3.98	7 1-	2 ACSR 6/1	0	0	1441	325	54	3	2	0.00	0.94	0
38460038+	38460005	4.08	1 1- 15 KV 2 URD XLP	0	0	0	1419	689	16	1	1	0.00	0.94	0
38460025+	38460005	4.01	1 1-	2 ACSR 6/1	0	0	1433	325	11	0	0	0.00	0.94	0
38460006+	38460005	4.04	5 1-	2 ACSR 6/1	0	0	1427	325	27	1	1	0.00	0.94	0
20851439+	38460006	4.08	5 1-	2 ACSR 6/1	0	0	1415	324	27	1	1	0.00	0.94	0
20851440+	20851439	4.12	4 1-	2 ACSR 6/1	0	0	1406	323	22	1	1	0.00	0.95	0
20851441+	20851440	4.22	3 1-	2 ACSR 6/1	0	0	1384	322	20	1	1	0.00	0.95	0
20851442+	20851441	4.25	1 1-	2 ACSR 6/1	0	0	1376	322	17	1	1	0.00	0.95	0
38460033+	38460036	3.82	1 1-	2 ACSR 6/1	0	0	1483	328	13	0	0	0.00	0.92	0
38460037+	38460035	3.73	1 1-	2 ACSR 6/1	0	0	1506	329	11	0	0	0.00	0.91	0
38360031+	38360033	3.57	604 3-	4/0 ACSR 6/1	1851	1771	1556	332	3875	86	25	0.01	1.42	59
38360059+	38360031	3.58	2 1-	2 ACSR 6/1	0	0	1551	331	11	0	0	0.00	1.32	0
38360032+	38360031	3.63	602 3-	4/0 ACSR 6/1	1839	1758	1541	331	3864	86	25	0.01	1.44	72
38460029+	38360032	3.66	5 1-	2 ACSR 6/1	0	0	1533	331	39	2	1	0.00	1.34	0
38460031+	38460029	3.71	3 1-	2 ACSR 6/1	0	0	1521	330	28	1	1	0.00	1.34	0
38460032+	38460031	3.75	1 1-	2 ACSR 6/1	0	0	1508	329	18	1	1	0.00	1.34	0
38460030+	38460031	3.82	1 1-	2 ACSR 6/1	0	0	1490	328	8	0	0	0.00	1.34	0
38460007+	38360032	3.78	597 3-	4/0 ACSR 6/1	1811	1728	1510	330	3824	85	25	0.03	1.49	158
20851468+	38460007	3.80	16 1-	2 ACSR 6/1	0	0	1506	330	114	7	4	0.00	1.39	0
20851469+	20851468	3.83	14 1-	2 ACSR 6/1	0	0	1496	329	98	6	4	0.00	1.39	0
20851470+	20851469	3.85	11 1-	2 ACSR 6/1	0	0	1492	329	86	5	3	0.00	1.40	0
20851471+	20851470	3.87	10 1-	2 ACSR 6/1	0	0	1485	329	85	5	3	0.00	1.40	0
20851472+	20851471	3.91	8 1-	2 ACSR 6/1	0	0	1476	328	68	4	3	0.00	1.40	0
38450044+	20851472	3.96	7 1-	2 ACSR 6/1	0	0	1463	328	56	3	2	0.00	1.40	0
38450045+	38450044	4.01	4 1-	2 ACSR 6/1	0	0	1450	327	32	2	1	0.00	1.40	0
38450046+	38450045	4.04	2 1-	2 ACSR 6/1	0	0	1443	326	20	1	1	0.00	1.40	0
38450013+	38460007	3.87	581 3-	4/0 ACSR 6/1	1795	1712	1493	330	3709	82	24	0.02	1.52	87
38450047+	38450013	3.88	1 1-	2 ACSR 6/1	0	0	1489	329	11	0	0	0.00	2.18	0
38450018+	38450013	3.93	580 3-	4/0 ACSR 6/1	1783	1699	1479	329	3697	82	24	0.01	1.54	66
38450055+	38450018	3.96	4 1-	2 ACSR 6/1	0	0	1472	329	14	0	1	0.00	1.43	0
38450056+	38450055	3.98	1 1-	2 ACSR 6/1	0	0	1468	329	1	0	0	0.00	1.43	0
38450057+	38450018	4.05	576 3-	4/0 ACSR 6/1	1763	1678	1457	328	3682	82	24	0.02	1.57	112
38450051+	38450057	4.14	575 3-	4/0 ACSR 6/1	1745	1660	1438	328	3678	82	24	0.02	1.60	97
38450049+	38450051	4.18	2 1-	2 ACSR 6/1	0	0	1429	327	3	0	0	0.00	1.49	0
38450048+	38450051	4.25	572 3-	4/0 ACSR 6/1	1727	1641	1419	327	3671	82	24	0.02	1.63	105
38450050+	38450048	4.29	1 1-	2 ACSR 6/1	0	0	1409	326	2	0	0	0.00	1.52	0
38450019+	38450048	4.37	571 3-	4/0 ACSR 6/1	1707	1620	1397	326	3667	81	24	0.03	1.67	120
D38-45-P024+	38450019	4.37	2 1-	FUS	0	0	1397	326	8	0	13	0.00	1.55	0
38450066+	D38-45-P024	4.43	2 1-	2 ACSR 6/1	0	0	1384	325	8	0	0	0.00	1.55	0
38450020+	38450019	4.47	569 3-	4/0 ACSR 6/1	1690	1603	1379	326	3658	81	24	0.02	1.70	98
38450061+	38450020	4.51	2 1-	2 ACSR 6/1	0	0	1371	325	12	0	0	0.00	1.58	0
38450021+	38450020	4.58	567 3-	4/0 ACSR 6/1	1673	1585	1361	325	3645	81	24	0.02	1.73	101
38450062+	38450021	4.63	8 1-	2 ACSR 6/1	0	0	1350	324	29	1	1	0.00	1.60	0
38450063+	38450062	4.69	5 1-	2 ACSR 6/1	0	0	1336	323	21	1	1	0.00	1.60	0
38450064+	38450063	4.72	1 1-	2 ACSR 6/1	0	0	1330	323	6	0	0	0.00	1.60	0
38450016+	38450021	4.63	559 3-	4/0 ACSR 6/1	1665	1576	1352	324	3615	80	24	0.01	1.75	51
38450059+	38450016	4.68	1 1-	2 ACSR 6/1	0	0	1341	324	9	0	0	0.00	1.62	0
38450017+	38450016	4.70	558 3-	4/0 ACSR 6/1	1654	1565	1341	324	3606	80	24	0.02	1.77	66
D38-45-P005+	38450017	4.70	8 1-	FUS	0	0	1341	324	36	2	55	0.00	1.63	0
38450065+	D38-45-P005	4.74	8 1-	2 ACSR 6/1	0	0	1332	323	36	2	1	0.00	1.63	0
38450053+	38450065	4.81	3 1-	2 ACSR 6/1	0	0	1318	322	15	0	1	0.00	1.63	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
38450052+	38450065	4.79	3 1-	2 ACSR 6/1	0	0	1321	323	8	0	0	0.00	1.63	0
38450014+	38450017	4.84	550 3-	4/0 ACSR 6/1	1632	1543	1318	323	3570	79	23	0.03	1.81	132
38450054+	38450014	4.89	4 1-	2 ACSR 6/1	0	0	1309	322	12	0	0	0.00	1.66	0
38450015+	38450014	4.89	546 3-	4/0 ACSR 6/1	1624	1535	1310	323	3556	79	23	0.01	1.82	48
38-44-P066-B+	38450015	4.89	546 3-	Closed	1624	1535	1310	323	3556	79	0	0.00	1.82	0
38-44-P066-A+	38-44-P066-B	4.89	546 3-	Closed	1624	1535	1310	323	3556	79	0	0.00	1.82	0
20851247+	38-44-P066-A	4.93	546 3-	4/0 ACSR 6/1	1618	1528	1304	322	3556	79	23	0.01	1.83	37
20851248+	20851247	4.98	543 3-	4/0 ACSR 6/1	1611	1521	1296	322	3546	79	23	0.01	1.85	45
38440006+	20851248	5.10	541 3-	4/0 ACSR 6/1	1593	1503	1278	321	3538	79	23	0.03	1.88	110
D38-44-P018+	38440006	5.10	1 1-	FUS	0	0	1278	321	2	0	3	0.00	1.23	0
38440008+	D38-44-P018	5.26	1 1-	2 ACSR 6/1	0	0	1248	319	2	0	0	0.00	1.23	0
38440007+	38440006	5.38	540 3-	4/0 ACSR 6/1	1553	1462	1237	319	3535	79	23	0.07	1.96	260
20851249+	38440007	5.40	2 1-	2 ACSR 6/1	0	0	1235	319	11	0	0	0.00	1.30	0
20851250+	20851249	5.42	2 1-	2 ACSR 6/1	0	0	1230	319	11	0	0	0.00	1.30	0
20851436+	38440007	6.00	538 3-	4/0 ACSR 6/1	1471	1380	1156	315	3521	78	23	0.14	2.14	563
20851437+	20851436	6.05	537 3-	4/0 ACSR 6/1	1466	1374	1151	315	3510	78	23	0.01	2.15	41
20851438+	20851437	6.07	2 1-	2 ACSR 6/1	0	0	1147	315	12	0	0	0.00	1.45	0
38440002+	20851437	6.11	535 3-	4/0 ACSR 6/1	1458	1366	1143	315	3498	78	23	0.01	2.17	57
38-43-P394-A+	38440002	6.11	535 3-	Closed	1458	1366	1143	315	3498	78	0	0.00	2.17	0
38-43-P394-B+	38-43-P394-B	6.11	535 3-	Closed	1458	1366	1143	315	3498	78	0	0.00	2.17	0
38430010+	38-43-P394-A	6.21	535 3-	4/0 ACSR 6/1	1446	1355	1132	314	3498	78	23	0.02	2.20	86
38430024+	38430010	6.27	534 3-	4/0 ACSR 6/1	1438	1346	1124	314	3487	78	23	0.02	2.22	61
38430026+	38430024	6.46	532 3-	4/0 ACSR 6/1	1416	1324	1103	312	3472	78	23	0.04	2.27	168
38430027+	38430026	6.56	528 3-	4/0 ACSR 6/1	1404	1312	1091	311	3450	77	23	0.02	2.30	89
38430028+	38430027	6.68	527 3-	4/0 ACSR 6/1	1391	1299	1078	311	3438	77	23	0.03	2.33	105
38430029+	38430028	6.76	9 3-	4/0 ACSR 6/1	1382	1290	1070	310	113	2	1	0.00	2.33	0
20851242+	38430029	6.80	9 3-	4/0 ACSR 6/1	1378	1286	1066	310	113	2	1	0.00	2.33	0
20851243+	20851242	6.84	9 1-	2 ACSR 6/1	0	0	1061	310	113	7	4	0.00	3.35	0
38430009+	20851243	6.86	4 1-	2 ACSR 6/1	0	0	1058	309	71	5	3	0.00	3.35	0
20851244+	38430009	6.93	3 1-	2 ACSR 6/1	0	0	1049	309	58	4	2	0.00	3.35	0
38430021+	38430009	6.94	1 1-	2 ACSR 6/1	0	0	1047	308	14	0	1	0.00	3.35	0
38430022+	20851243	6.89	5 1-	2 ACSR 6/1	0	0	1054	309	41	2	2	0.00	3.35	0
38530030+	38430022	6.93	4 1-	2 ACSR 6/1	0	0	1048	308	32	2	1	0.00	3.35	0
38530031+	38530030	6.96	3 1-	2 ACSR 6/1	0	0	1044	308	25	1	1	0.00	3.35	0
38530032+	38530031	6.99	2 1-	2 ACSR 6/1	0	0	1040	308	17	1	1	0.00	3.35	0
38530033+	38530032	7.01	1 1-	2 ACSR 6/1	0	0	1037	307	9	0	0	0.00	3.35	0
38430008+	38430029	6.79	0 1-	2 ACSR 6/1	0	0	1067	310	0	0	0	0.00	1.59	0
20851126+	38430028	6.74	518 3-	4/0 ACSR 6/1	1385	1293	1073	311	3324	74	22	0.01	2.35	44
38430023+	20851126	6.98	516 3-	4/0 ACSR 6/1	1358	1267	1048	309	3318	74	22	0.05	2.41	194
38530029+	38430023	7.04	514 3-	4/0 ACSR 6/1	1352	1260	1042	309	3309	74	22	0.01	2.42	47
R38-53-P35A+	38530029	7.04	514 3-	REGU-114.3	1352	1260	1042	309	3309	74	50	-1.67	0.00	0
38530036+	R38-53-P35A	7.11	514 3-	4/0 ACSR 6/1	1345	1253	1035	308	3309	72	21	0.01	0.02	54
38530035+	38530036	7.20	514 3-	4/0 ACSR 6/1	1335	1243	1026	308	3308	72	21	0.02	0.04	74
D38-53-P012+	38530035	7.20	3 1-	FUS	0	0	1026	308	35	2	53	0.00	0.04	0
38530044+	D38-53-P012	7.41	3 1-	2 ACSR 6/1	0	0	1000	305	35	2	1	0.01	0.05	0
38530039+	38530044	7.52	1 1-	2 ACSR 6/1	0	0	985	303	15	0	1	0.00	0.05	0
38530037+	38530044	7.47	1 1-	2 ACSR 6/1	0	0	992	304	9	0	0	0.00	0.05	0
38530038+	38530037	7.54	0 1-	2 ACSR 6/1	0	0	984	303	0	0	0	0.00	0.05	0
38530007+	38530035	7.28	511 3-	4/0 ACSR 6/1	1327	1236	1019	307	3273	72	21	0.02	0.06	55
D38-53-P022+	38530007	7.28	8 1-	FUS	0	0	1019	307	33	2	51	0.00	0.05	0
38530045+	D38-53-P022	7.34	8 1-	2 ACSR 6/1	0	0	1011	306	33	2	1	0.00	0.05	0
38530040+	38530045	7.39	4 1-	2 ACSR 6/1	0	0	1005	306	22	1	1	0.00	0.05	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
38530027+	38530040	7.51	2 1-	2 ACSR 6/1	0	0	989	304	8	0	0	0.00	0.05	0
38530028+	38530027	7.57	1 1-	2 ACSR 6/1	0	0	982	303	7	0	0	0.00	0.05	0
38530042+	38530007	7.49	503 3-	4/0 ACSR 6/1	1306	1215	999	306	3239	71	21	0.04	0.11	155
38530043+	38530042	7.56	503 3-	4/0 ACSR 6/1	1299	1208	992	305	3237	71	21	0.01	0.13	53
38530041+	38530043	7.62	503 3-	4/0 ACSR 6/1	1293	1202	987	305	3237	71	21	0.01	0.14	43
C38-52-P100+	38530041	7.62	0 3-	Capacitor	1293	1202	987	305	0	-14	0	0.00	0.14	0
38520080+	38530041	7.87	503 3-	4/0 ACSR 6/1	1270	1179	965	303	3236	72	21	0.07	0.23	189
D38-52-P038+	38520080	7.87	503 3-	REC-100-E	1270	1179	965	303	3235	72	21	0.00	0.23	0
38520082+	D38-52-P038	7.89	503 3-	4/0 ACSR 6/1	1267	1176	963	303	3235	72	21	0.01	0.24	19
D38-52-P035+	38520082	7.89	14 1-	FUS	0	0	963	303	107	7	163	0.00	0.20	0
38520111+	D38-52-P035	7.94	14 1-	2 ACSR 6/1	0	0	957	303	107	7	4	0.01	0.20	0
38520083+	38520111	7.96	13 1-	2 ACSR 6/1	0	0	955	302	98	6	4	0.00	0.20	0
38520085+	38520083	8.02	12 1-	2 ACSR 6/1	0	0	949	302	82	5	3	0.00	0.21	0
38520089+	38520085	8.11	10 1-	2 ACSR 6/1	0	0	939	301	68	4	3	0.01	0.21	0
38520099+	38520089	8.13	0 1-	2 ACSR 6/1	0	0	936	300	0	0	0	0.00	0.21	0
38520100+	38520089	8.14	8 1-	2 ACSR 6/1	0	0	935	300	62	4	2	0.00	0.22	0
38520101+	38520100	8.18	6 1-	2 ACSR 6/1	0	0	931	300	45	3	2	0.00	0.22	0
38520102+	38520101	8.22	4 1-	2 ACSR 6/1	0	0	926	299	34	2	1	0.00	0.22	0
38520103+	38520102	8.28	1 1-	2 ACSR 6/1	0	0	921	298	8	0	0	0.00	0.22	0
38520084+	38520083	8.01	1 1-	2 ACSR 6/1	0	0	950	302	17	1	1	0.00	0.20	0
38520081+	38520082	7.96	488 3-	4/0 ACSR 6/1	1261	1171	958	303	3118	69	21	0.02	0.26	45
38520095+	38520081	8.15	487 3-	4/0 ACSR 6/1	1244	1153	942	302	3117	69	21	0.05	0.32	138
38520087+	38520095	8.22	484 3-	4/0 ACSR 6/1	1238	1147	936	301	3099	69	20	0.02	0.34	47
38520073+	38520087	8.29	474 3-	4/0 ACSR 6/1	1231	1141	930	301	3041	68	20	0.02	0.37	51
38520023+	38520073	8.40	2 1-	2 ACSR 6/1	0	0	919	299	9	0	0	0.00	0.46	0
38520075+	38520023	8.46	1 1-	2 ACSR 6/1	0	0	913	299	2	0	0	0.00	0.46	0
38520074+	38520023	8.44	1 1-	2 ACSR 6/1	0	0	914	299	7	0	0	0.00	0.46	0
38520018+	38520073	8.36	472 3-	4/0 ACSR 6/1	1225	1135	925	300	3032	67	20	0.02	0.39	48
38520109+	38520018	8.60	470 3-	4/0 ACSR 6/1	1204	1115	906	299	3018	67	20	0.05	0.47	160
38520110+	38520109	8.67	469 3-	4/0 ACSR 6/1	1198	1109	901	298	3009	67	20	0.02	0.49	48
38520096+	38520110	8.76	4 3-	4/0 ACSR 6/1	1191	1102	894	298	20	0	0	0.00	0.49	0
38520097+	38520096	8.79	2 3-	4/0 ACSR 6/1	1189	1099	892	298	9	0	0	0.00	0.49	0
38520098+	38520110	8.73	5 3-	4/0 ACSR 6/1	1193	1104	896	298	30	0	0	0.00	0.49	0
38520088+	38520098	8.80	4 3-	4/0 ACSR 6/1	1188	1099	891	298	29	0	0	0.00	0.49	0
38520068+	38520088	8.82	4 3-	4/0 ACSR 6/1	1186	1097	890	297	29	0	0	0.00	0.49	0
38520070+	38520068	8.93	1 1-	2 ACSR 6/1	0	0	879	296	8	0	0	0.00	0.62	0
38520069+	38520068	8.87	2 1-	2 ACSR 6/1	0	0	885	297	17	1	1	0.00	0.38	0
38520020+	38520110	8.74	460 3-	4/0 ACSR 6/1	1193	1103	896	298	2959	66	20	0.01	0.51	45
38520092+	38520020	8.79	2 1-	2 ACSR 6/1	0	0	891	297	16	1	1	0.00	0.48	0
38520093+	38520092	8.81	0 1-	2 ACSR 6/1	0	0	888	297	0	0	0	0.00	0.48	0
38520091+	38520020	8.84	1 1-	2 ACSR 6/1	0	0	886	297	2	0	0	0.00	0.39	0
38520021+	38520020	8.81	457 3-	4/0 ACSR 6/1	1187	1098	890	297	2940	65	19	0.02	0.53	47
38520094+	38520021	8.83	2 1-	2 ACSR 6/1	0	0	889	297	8	0	0	0.00	0.51	0
38520022+	38520021	8.89	455 3-	4/0 ACSR 6/1	1181	1092	885	297	2932	65	19	0.02	0.56	48
38620003+	38520022	8.99	455 3-	4/0 ACSR 6/1	1172	1083	877	296	2932	65	19	0.02	0.59	69
38520017+	38620003	9.08	454 3-	4/0 ACSR 6/1	1165	1076	871	296	2919	65	19	0.02	0.62	55
37590054+	38520017	9.21	453 3-	4/0 ACSR 6/1	1154	1066	862	295	2908	65	19	0.03	0.66	86
37590055+	37590054	9.26	54 3-	4/0 ACSR 6/1	1151	1062	859	295	374	8	2	0.00	0.66	1
37590057+	37590055	9.32	53 3-	4/0 ACSR 6/1	1146	1058	855	294	367	8	2	0.00	0.66	2
37590058+	37590057	9.35	52 3-	4/0 ACSR 6/1	1144	1056	853	294	361	8	2	0.00	0.66	0
D37-59-P019+	37590058	9.35	6 1-	FUS	0	0	853	294	35	2	53	0.00	0.50	0
37590074+	D37-59-P019	9.41	6 1-	2 ACSR 6/1	0	0	847	293	35	2	1	0.00	0.50	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37590072+	37590074	9.47	6 1-	2 ACSR 6/1	0	0	842	293	35	2	1	0.00	0.50	0
37690154+	37590072	9.51	5 1-	2 ACSR 6/1	0	0	839	292	29	1	1	0.00	0.51	0
37690155+	37690154	9.57	4 1-	2 ACSR 6/1	0	0	834	292	29	1	1	0.00	0.51	0
37690139+	37690155	9.63	3 1-	2 ACSR 6/1	0	0	828	291	22	1	1	0.00	0.51	0
37690140+	37690139	9.69	3 1-	2 ACSR 6/1	0	0	823	290	22	1	1	0.00	0.51	0
37690158+	37690140	9.79	2 1-	2 ACSR 6/1	0	0	815	289	10	0	0	0.00	0.51	0
37690159+	37690158	9.85	1 1-	2 ACSR 6/1	0	0	810	288	9	0	0	0.00	0.51	0
37690142+	37690155	9.62	1 1-	2 ACSR 6/1	0	0	829	291	6	0	0	0.00	0.51	0
37590048+	37590058	9.53	46 3-	4/0 ACSR 6/1	1130	1043	841	293	326	7	2	0.01	0.67	5
37690125+	37590048	9.67	45 3-	4/0 ACSR 6/1	1120	1033	832	292	317	7	2	0.01	0.67	4
37690035+	37690125	9.78	0 3-	4/0 ACSR 6/1	1112	1025	825	292	0	0	0	0.00	0.67	0
37690036+	37690125	9.79	45 3-	4/0 ACSR 6/1	1112	1025	824	292	317	7	2	0.01	0.68	3
37690126+	37690036	9.85	1 1-	2 ACSR 6/1	0	0	819	291	0	0	0	0.00	0.57	0
37690034+	37690036	9.89	44 3-	4/0 ACSR 6/1	1105	1018	818	291	316	7	2	0.00	0.68	3
37690128+	37690034	9.92	42 3-	4/0 ACSR 6/1	1102	1015	816	291	308	6	2	0.00	0.68	0
37690129+	37690128	9.95	38 3-	4/0 ACSR 6/1	1100	1013	814	291	291	6	2	0.00	0.68	0
D37-69-P090+	37690129	9.95	5 1-	REC-50-E	0	0	814	291	28	1	4	0.00	0.95	0
37690130+	D37-69-P090	9.99	5 1-	2 ACSR 6/1	0	0	811	290	28	1	4	0.00	0.95	0
37690118+	37690129	10.00	31 1-	2 ACSR 6/1	0	0	810	290	250	16	9	0.01	0.97	2
37690119+	37690118	10.04	31 1-	2 ACSR 6/1	0	0	807	290	250	16	9	0.01	0.97	2
37690120+	37690119	10.13	29 1-	2 ACSR 6/1	0	0	800	288	239	16	9	0.02	1.00	4
37690121+	37690120	10.20	29 1-	2 ACSR 6/1	0	0	794	288	239	16	9	0.02	1.01	3
37690122+	37690121	10.24	1 1-	2 ACSR 6/1	0	0	791	287	5	0	0	0.00	1.01	0
37690123+	37690122	10.37	0 1-	2 ACSR 6/1	0	0	781	286	0	0	0	0.00	1.01	0
37-69-P003-B+	37690123	10.37	0 1-	Open	0	0	781	286	0	0	0	0.00	1.01	0
37690037+	37690121	10.27	28 1-	2 ACSR 6/1	0	0	788	287	234	15	9	0.02	1.03	3
37690141+	37690037	10.30	16 1-	2 ACSR 6/1	0	0	786	286	110	7	4	0.00	1.03	0
37690157+	37690141	10.36	15 1-	2 ACSR 6/1	0	0	781	286	97	6	4	0.01	1.04	0
37690104+	37690157	10.40	14 1-	2 ACSR 6/1	0	0	778	285	96	6	4	0.00	1.04	0
37690105+	37690104	10.45	12 1-	2 ACSR 6/1	0	0	774	285	79	5	3	0.00	1.05	0
37690106+	37690105	10.49	3 1-	2 ACSR 6/1	0	0	771	284	15	0	1	0.00	1.05	0
37690156+	37690106	10.52	0 1-	2 ACSR 6/1	0	0	769	284	0	0	0	0.00	1.05	0
37690038+	37690105	10.53	9 1-	2 ACSR 6/1	0	0	769	284	64	4	2	0.00	1.05	0
37690115+	37690038	10.57	6 1-	2 ACSR 6/1	0	0	765	283	46	3	2	0.00	1.05	0
37690116+	37690115	10.61	5 1-	2 ACSR 6/1	0	0	763	283	38	2	1	0.00	1.06	0
37690117+	37690116	10.64	2 1-	2 ACSR 6/1	0	0	760	283	24	1	1	0.00	1.06	0
37690131+	37690117	10.81	1 1-	2 ACSR 6/1	0	0	748	281	24	1	1	0.00	1.06	0
37690108+	37690038	10.56	2 1-	2 ACSR 6/1	0	0	766	284	17	1	1	0.00	1.05	0
37690109+	37690108	10.59	0 1-	2 ACSR 6/1	0	0	764	283	0	0	0	0.00	1.05	0
37690107+	37690038	10.56	1 1-	2 ACSR 6/1	0	0	766	284	1	0	0	0.00	1.05	0
37690124+	37690037	10.40	2 1-	2 ACSR 6/1	0	0	778	285	15	1	1	0.00	1.03	0
37690113+	37690124	10.47	1 1-	2 ACSR 6/1	0	0	773	285	10	0	0	0.00	1.03	0
37690099+	37690037	10.32	10 1-	2 ACSR 6/1	0	0	785	286	109	7	4	0.00	1.04	0
37690100+	37690099	10.37	9 1-	2 ACSR 6/1	0	0	781	286	88	5	3	0.00	1.04	0
37690102+	37690100	10.41	2 1-	25 KV 1/0 URD X	0	0	779	506	17	1	1	0.00	1.04	0
37690132+	37690100	10.53	6 1-	2 ACSR 6/1	0	0	769	284	55	3	2	0.01	1.05	0
37690133+	37690132	10.64	6 1-	2 ACSR 6/1	0	0	760	283	55	3	2	0.01	1.06	0
37680033+	37690133	10.78	2 1-	2 ACSR 6/1	0	0	750	281	27	1	1	0.00	1.06	0
37680193+	37680033	10.85	1 1-	2 ACSR 6/1	0	0	745	280	3	0	0	0.00	1.06	0
37680195+	37680033	10.90	1 1-	2 ACSR 6/1	0	0	741	280	24	1	1	0.00	1.06	0
37680196+	37680195	10.94	1 1-	15 KV 2 URD XLP	0	0	739	486	24	1	1	0.00	1.06	0
37680109+	37690133	10.68	4 1-	2 ACSR 6/1	0	0	758	282	28	1	1	0.00	1.06	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37680110+	37680109	10.72	3 1-	2 ACSR 6/1	0	0	755	282	22	1	1	0.00	1.06	0
37680108+	37680110	10.74	2 1-	2 ACSR 6/1	0	0	753	281	12	0	0	0.00	1.06	0
37690101+	37690100	10.40	1 1-	2 ACSR 6/1	0	0	779	285	16	1	1	0.00	1.04	0
37690127+	37690034	9.92	1 1-	2 ACSR 6/1	0	0	815	291	7	0	0	0.00	0.57	0
37590056+	37590055	9.30	1 1-	2 ACSR 6/1	0	0	855	294	8	0	0	0.00	0.61	0
37590060+	37590054	9.35	5 1-	2 ACSR 6/1	0	0	850	293	37	2	1	0.00	0.50	0
37590076+	37590060	9.38	1 1-	2 ACSR 6/1	0	0	847	293	9	0	0	0.00	0.50	0
37590061+	37590076	9.41	1 1-	2 ACSR 6/1	0	0	844	293	9	0	0	0.00	0.50	0
37590050+	37590054	9.29	392 3-	4/0 ACSR 6/1	1149	1061	857	295	2476	55	16	0.01	0.68	35
37590062+	37590050	9.39	1 1-	2 ACSR 6/1	0	0	848	293	9	0	0	0.00	0.50	0
37590012+	37590050	9.33	391 3-	4/0 ACSR 6/1	1146	1058	854	294	2466	55	16	0.00	0.69	18
37590011+	37590012	9.44	369 3-	4/0 ACSR 6/1	1137	1049	847	294	2344	52	15	0.01	0.71	50
37590053+	37590011	9.48	1 1-	2 ACSR 6/1	0	0	843	293	6	0	0	0.00	0.94	0
37590051+	37590011	9.59	368 3-	4/0 ACSR 6/1	1126	1038	837	293	2338	52	15	0.01	0.75	66
37590052+	37590051	9.65	367 3-	4/0 ACSR 6/1	1121	1034	833	292	2330	52	15	0.00	0.77	26
37590047+	37590052	9.74	363 3-	4/0 ACSR 6/1	1115	1028	827	292	2312	52	15	0.01	0.79	39
37690134+	37590047	9.80	1 1-	2 ACSR 6/1	0	0	822	291	11	0	0	0.00	0.53	0
37690135+	37590047	9.80	351 3-	4/0 ACSR 6/1	1110	1023	823	291	2197	49	15	0.00	0.80	24
37690028+	37690135	9.87	351 3-	4/0 ACSR 6/1	1106	1019	819	291	2197	49	15	0.00	0.82	25
37690148+	37690028	9.96	349 3-	4/0 ACSR 6/1	1099	1013	814	290	2180	49	14	0.01	0.84	34
37690150+	37690148	10.03	345 3-	4/0 ACSR 6/1	1094	1008	810	290	2158	48	14	0.00	0.85	25
37690151+	37690150	10.09	344 3-	4/0 ACSR 6/1	1090	1004	806	290	2152	48	14	0.00	0.87	23
37690152+	37690151	10.25	1 1-	2 ACSR 6/1	0	0	793	288	2	0	0	0.00	0.55	0
37690110+	37690151	10.11	4 1-	2 ACSR 6/1	0	0	804	289	21	1	1	0.00	0.89	0
37690111+	37690110	10.16	2 1-	2 ACSR 6/1	0	0	800	289	9	0	0	0.00	0.89	0
37690031+	37690151	10.18	339 3-	4/0 ACSR 6/1	1084	998	800	289	2128	47	14	0.01	0.89	33
37690112+	37690031	10.24	338 3-	4/0 ACSR 6/1	1080	994	797	289	2124	47	14	0.00	0.90	21
37690098+	37690112	10.28	337 3-	4/0 ACSR 6/1	1077	991	795	289	2117	47	14	0.00	0.91	13
37690033+	37690098	10.42	337 3-	1/0 ACSR 6/1	1065	980	785	287	2117	47	21	0.03	0.97	96
37690030+	37690033	10.42	0 3-	1/0 ACSR 6/1	1065	979	785	287	0	0	0	0.00	0.97	0
37690032+	37690033	10.45	337 3-	1/0 ACSR 6/1	1062	977	783	287	2116	47	21	0.01	0.98	25
37680137+	37690032	10.59	335 3-	1/0 ACSR 6/1	1051	966	774	286	2109	47	21	0.03	1.03	92
37680138+	37680137	10.66	333 3-	1/0 ACSR 6/1	1045	960	770	285	2098	47	21	0.01	1.06	50
37680139+	37680138	10.71	1 1-	2 ACSR 6/1	0	0	766	285	14	0	1	0.00	0.64	0
37680140+	37680138	10.71	330 3-	1/0 ACSR 6/1	1041	956	766	285	2066	46	20	0.01	1.09	37
37680135+	37680140	10.79	323 3-	1/0 ACSR 6/1	1035	950	761	284	1956	44	19	0.01	1.11	45
37680151+	37680135	10.82	319 3-	1/0 ACSR 6/1	1033	947	760	284	1941	43	19	0.01	1.12	17
D37-68-P129+	37680151	10.82	7 1-	REC-50-E	0	0	760	284	69	4	9	0.00	0.67	0
37680165+	D37-68-P129	10.91	7 1-	2 ACSR 6/1	0	0	753	283	69	4	3	0.01	0.68	0
37680180+	37680165	11.03	6 1-	2 ACSR 6/1	0	0	744	282	60	4	2	0.01	0.68	0
37680182+	37680180	11.05	5 1-	2 ACSR 6/1	0	0	743	281	47	3	2	0.00	0.69	0
37680197+	37680182	11.13	2 1-	2 ACSR 6/1	0	0	738	281	24	1	1	0.00	0.69	0
37680198+	37680197	11.18	1 1-	2 ACSR 6/1	0	0	734	280	14	0	1	0.00	0.69	0
37680184+	37680182	11.16	2 1-	2 ACSR 6/1	0	0	735	280	16	1	1	0.00	0.69	0
37680186+	37680184	11.25	1 1-	2 ACSR 6/1	0	0	729	279	8	0	0	0.00	0.69	0
37680187+	37680184	11.21	1 1-	2 ACSR 6/1	0	0	732	280	8	0	0	0.00	0.69	0
37680183+	37680180	11.07	1 1-	2 ACSR 6/1	0	0	742	281	13	0	0	0.00	0.68	0
37680179+	37680165	10.99	1 1-	2 ACSR 6/1	0	0	747	282	8	0	0	0.00	0.68	0
37680035+	37680151	10.83	312 3-	1/0 ACSR 6/1	1032	946	759	284	1873	42	18	0.00	1.13	7
D37-68-P116+	37680035	10.83	312 3-	REC-50-E	1032	946	759	284	1873	42	84	0.00	1.13	0
37680166+	D37-68-P116	10.85	312 3-	1/0 ACSR 6/1	1030	945	758	284	1873	42	18	0.00	1.13	10
37680167+	37680166	10.94	311 3-	1/0 ACSR 6/1	1023	938	752	283	1869	42	18	0.01	1.17	52

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
37680171+	37680167	10.98	303 3-	1/0 ACSR 6/1	1019	935	749	283	1799	40	18	0.01	1.18	23
37680172+	37680171	11.04	302 3-	1/0 ACSR 6/1	1015	930	746	282	1798	40	18	0.01	1.20	31
37680175+	37680172	11.13	4 1-	2 ACSR 6/1	0	0	740	281	37	2	1	0.00	1.28	0
37680174+	37680175	11.14	2 1-	2 ACSR 6/1	0	0	739	281	17	1	1	0.00	1.28	0
37680124+	37680174	11.21	1 1-	2 ACSR 6/1	0	0	734	280	12	0	0	0.00	1.28	0
37680125+	37680124	11.37	0 1-	2 ACSR 6/1	0	0	723	279	0	0	0	0.00	1.28	0
37680176+	37680175	11.20	1 1-	2 ACSR 6/1	0	0	735	280	9	0	0	0.00	1.28	0
37680173+	37680172	11.10	1 1-	2 ACSR 6/1	0	0	742	282	10	0	0	0.00	0.71	0
37680126+	37680172	11.07	297 3-	1/0 ACSR 6/1	1013	928	744	282	1751	39	17	0.00	1.21	12
37680127+	37680126	11.10	296 3-	1/0 ACSR 6/1	1010	926	742	282	1747	39	17	0.01	1.22	16
37680154+	37680127	11.16	6 1-	2 ACSR 6/1	0	0	738	281	44	2	2	0.00	0.72	0
37680155+	37680154	11.19	5 1-	2 ACSR 6/1	0	0	736	281	36	2	1	0.00	0.72	0
37680156+	37680155	11.22	4 1-	2 ACSR 6/1	0	0	734	280	28	1	1	0.00	0.72	0
37680111+	37680156	11.25	2 1-	2 ACSR 6/1	0	0	732	280	11	0	0	0.00	0.72	0
37680112+	37680111	11.28	1 1-	2 ACSR 6/1	0	0	730	280	9	0	0	0.00	0.72	0
37680114+	37680112	11.32	0 1-	2 ACSR 6/1	0	0	727	279	0	0	0	0.00	0.72	0
37680113+	37680112	11.31	1 1-	2 ACSR 6/1	0	0	728	279	9	0	0	0.00	0.72	0
37680115+	37680127	11.17	290 3-	1/0 ACSR 6/1	1005	921	738	281	1702	38	17	0.01	1.24	33
37680116+	37680115	11.21	289 3-	1/0 ACSR 6/1	1002	918	736	281	1699	38	17	0.01	1.26	20
37680117+	37680116	11.25	2 1-	2 ACSR 6/1	0	0	733	280	19	1	1	0.00	0.73	0
37680188+	37680117	11.28	1 1-	2 ACSR 6/1	0	0	731	280	11	0	0	0.00	0.73	0
37680118+	37680116	11.26	287 3-	1/0 ACSR 6/1	998	914	733	280	1679	37	16	0.01	1.27	23
37680002+	37680118	11.30	286 3-	1/0 ACSR 6/1	996	911	731	280	1673	37	16	0.00	1.28	17
37680119+	37680002	11.37	286 3-	1/0 ACSR 6/1	990	906	726	280	1673	37	16	0.01	1.31	36
37680128+	37680119	11.51	271 3-	1/0 ACSR 6/1	980	896	719	278	1540	34	15	0.01	1.35	56
37680129+	37680128	11.56	269 3-	1/0 ACSR 6/1	977	893	716	278	1527	34	15	0.00	1.36	21
37-68-P003-B+	37680129	11.56	269 3-	Closed	977	893	716	278	1527	34	0	0.00	1.36	0
37-68-P003-A+	37-68-P003-B	11.56	269 3-	Closed	977	893	716	278	1527	34	0	0.00	1.36	0
37680130+	37-68-P003-A	11.57	269 3-	1/0 ACSR 6/1	976	892	715	278	1527	34	15	0.00	1.36	4
37680149+	37680130	11.61	258 3-	1/0 ACSR 6/1	973	889	713	278	1448	32	14	0.00	1.38	18
37680150+	37680149	11.69	255 3-	1/0 ACSR 6/1	967	883	708	277	1442	32	14	0.00	1.40	34
37670031+	37680150	11.76	253 3-	1/0 ACSR 6/1	962	879	705	276	1435	32	14	0.00	1.41	24
37670032+	37670031	11.82	251 3-	1/0 ACSR 6/1	958	875	702	276	1413	31	14	0.00	1.43	24
37670033+	37670032	11.89	251 3-	1/0 ACSR 6/1	953	870	698	275	1412	31	14	0.00	1.45	28
37670034+	37670033	11.92	31 1-	2 ACSR 6/1	0	0	696	275	187	12	7	0.01	1.51	0
37670035+	37670034	11.94	30 1-	2 ACSR 6/1	0	0	695	275	180	12	7	0.00	1.52	0
D37-67-P046+	37670035	11.94	30 1-	REC-25-E	0	0	695	275	180	12	49	0.00	1.52	0
37670036+	D37-67-P046	11.95	30 1-	2 ACSR 6/1	0	0	694	275	180	12	7	0.00	1.52	0
37670039+	37670036	12.05	29 1-	2 ACSR 6/1	0	0	688	274	174	11	7	0.02	1.54	2
37770090+	37670039	12.08	25 1-	2 ACSR 6/1	0	0	686	273	151	10	6	0.01	1.54	0
37770111+	37770090	12.16	4 1-	2 ACSR 6/1	0	0	681	273	20	1	1	0.00	1.54	0
37770113+	37770111	12.34	0 1-	2 ACSR 6/1	0	0	671	271	0	0	0	0.00	1.54	0
37770114+	37770113	12.52	0 1-	2 ACSR 6/1	0	0	660	269	0	0	0	0.00	1.54	0
37770112+	37770114	12.54	0 1-	2 ACSR 6/1	0	0	659	269	0	0	0	0.00	1.54	0
37770115+	37770111	12.30	4 1-	2 ACSR 6/1	0	0	673	271	20	1	1	0.00	1.55	0
37770116+	37770115	12.36	2 1-	2 ACSR 6/1	0	0	669	270	14	0	1	0.00	1.55	0
37770117+	37770116	12.42	1 1-	2 ACSR 6/1	0	0	666	270	10	0	0	0.00	1.55	0
37770091+	37770090	12.12	8 1-	2 ACSR 6/1	0	0	683	273	60	4	2	0.00	1.54	0
37770092+	37770091	12.17	6 1-	2 ACSR 6/1	0	0	681	272	45	3	2	0.00	1.55	0
37770109+	37770092	12.20	5 1-	2 ACSR 6/1	0	0	679	272	33	2	1	0.00	1.55	0
37770110+	37770109	12.29	2 1-	2 ACSR 6/1	0	0	673	271	8	0	0	0.00	1.55	0
37770071+	37770090	12.15	13 1-	2 ACSR 6/1	0	0	682	273	71	4	3	0.00	1.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37770078+	37770071	12.20	10 1-	2 ACSR 6/1	0	0	679	272	44	3	2	0.00	1.55	0
37770079+	37770078	12.22	8 1-	2 ACSR 6/1	0	0	677	272	40	2	2	0.00	1.55	0
37770069+	37770079	12.26	3 1-	2 ACSR 6/1	0	0	676	272	21	1	1	0.00	1.55	0
37770070+	37770069	12.28	2 1-	2 ACSR 6/1	0	0	674	271	12	0	0	0.00	1.55	0
37770139+	37770070	12.33	2 1-	2 ACSR 6/1	0	0	671	271	12	0	0	0.00	1.55	0
37770121+	37770090	12.10	0 1-	2 ACSR 6/1	0	0	685	273	0	0	0	0.00	1.54	0
37670026+	37670033	11.98	217 3-	1/0 ACSR 6/1	947	864	693	275	1210	27	12	0.00	1.47	26
37670028+	37670026	12.04	207 3-	1/0 ACSR 6/1	943	860	690	274	1168	26	11	0.00	1.48	17
37670030+	37670028	12.10	1 1-	2 ACSR 6/1	0	0	686	274	4	0	0	0.00	0.78	0
37670029+	37670028	12.09	204 3-	1/0 ACSR 6/1	939	857	687	274	1156	26	11	0.00	1.49	16
37670038+	37670029	12.18	6 1-	2 ACSR 6/1	0	0	682	273	17	1	1	0.00	1.53	0
37670021+	37670029	12.24	198 3-	1/0 ACSR 6/1	930	847	680	273	1138	25	11	0.01	1.53	41
37670022+	37670021	12.29	197 3-	1/0 ACSR 6/1	926	844	677	272	1135	25	11	0.00	1.54	14
37770013+	37670022	12.34	195 3-	1/0 ACSR 6/1	923	841	675	272	1111	25	11	0.00	1.55	16
D37-77-P027+	37770013	12.34	31 1-	REC-25-E	0	0	675	272	205	13	55	0.00	1.56	0
37770097+	D37-77-P027	12.38	31 1-	2 ACSR 6/1	0	0	672	272	205	13	8	0.01	1.57	1
37770074+	37770097	12.41	0 1-	2 ACSR 6/1	0	0	670	271	0	0	0	0.00	1.57	0
37770015+	37770097	12.42	31 1-	2 ACSR 6/1	0	0	670	271	205	13	8	0.01	1.57	1
37770076+	37770015	12.46	0 1-	2 ACSR 6/1	0	0	667	271	0	0	0	0.00	1.57	0
37770075+	37770015	12.57	1 1-	2 ACSR 6/1	0	0	661	270	3	0	0	0.00	1.57	0
37770016+	37770015	12.51	30 1-	2 ACSR 6/1	0	0	665	270	202	13	8	0.02	1.59	3
37770081+	37770016	12.56	27 1-	2 ACSR 6/1	0	0	662	270	172	11	6	0.01	1.60	1
37770082+	37770081	12.60	25 1-	2 ACSR 6/1	0	0	660	269	155	10	6	0.01	1.61	0
37770084+	37770082	12.63	23 1-	2 ACSR 6/1	0	0	658	269	144	9	5	0.00	1.61	0
37770085+	37770084	12.69	22 1-	2 ACSR 6/1	0	0	655	268	136	9	5	0.01	1.62	0
37770086+	37770085	12.73	5 1-	2 ACSR 6/1	0	0	652	268	39	2	1	0.00	1.62	0
37770087+	37770086	12.79	1 1-	2 ACSR 6/1	0	0	649	267	6	0	0	0.00	1.62	0
37770128+	37770085	12.73	8 1-	2 ACSR 6/1	0	0	652	268	50	3	2	0.00	1.62	0
37770135+	37770128	12.76	7 1-	2 ACSR 6/1	0	0	651	268	45	3	2	0.00	1.62	0
37770136+	37770135	12.78	6 1-	2 ACSR 6/1	0	0	650	267	37	2	1	0.00	1.62	0
37770137+	37770136	12.83	6 1-	2 ACSR 6/1	0	0	647	267	37	2	1	0.00	1.62	0
37770138+	37770137	12.87	4 1-	2 ACSR 6/1	0	0	645	267	20	1	1	0.00	1.63	0
37770134+	37770128	12.75	1 1-	2 ACSR 6/1	0	0	651	268	6	0	0	0.00	1.62	0
37770129+	37770134	12.78	0 1-	2 ACSR 6/1	0	0	650	267	0	0	0	0.00	1.62	0
37770088+	37770085	12.73	8 1-	2 ACSR 6/1	0	0	652	268	35	2	1	0.00	1.62	0
37770089+	37770088	12.78	4 1-	2 ACSR 6/1	0	0	650	267	22	1	1	0.00	1.62	0
37770083+	37770082	12.63	2 1-	2 ACSR 6/1	0	0	658	269	12	0	0	0.00	1.61	0
37770077+	37770016	12.61	3 1-	2 ACSR 6/1	0	0	659	269	30	2	1	0.00	1.59	0
37770080+	37770077	12.71	1 1-	2 ACSR 6/1	0	0	654	268	14	0	1	0.00	1.59	0
37770126+	37770013	12.37	164 3-	1/0 ACSR 6/1	921	839	673	272	906	20	9	0.00	1.55	7
37770127+	37770126	12.42	163 3-	1/0 ACSR 6/1	918	836	671	271	895	20	9	0.00	1.56	11
37770098+	37770127	12.46	5 1-	2 ACSR 6/1	0	0	668	271	19	1	1	0.00	1.55	0
37770099+	37770098	12.49	3 1-	2 ACSR 6/1	0	0	667	271	15	1	1	0.00	1.55	0
37770100+	37770127	12.52	155 3-	1/0 ACSR 6/1	911	830	666	271	865	19	9	0.01	1.58	21
37770101+	37770100	12.59	151 3-	1/0 ACSR 6/1	907	826	663	270	847	19	8	0.00	1.59	15
37770102+	37770101	12.65	150 3-	1/0 ACSR 6/1	903	821	659	270	835	18	8	0.00	1.60	14
37770103+	37770102	12.72	149 3-	1/0 ACSR 6/1	899	817	656	269	824	18	8	0.00	1.61	15
37770104+	37770103	12.76	148 3-	1/0 ACSR 6/1	896	815	654	269	823	18	8	0.00	1.61	8
37770105+	37770104	12.80	147 3-	1/0 ACSR 6/1	894	813	653	268	817	18	8	0.00	1.62	8
37770107+	37770105	12.84	2 1-	2 ACSR 6/1	0	0	650	268	6	0	0	0.00	0.82	0
37770108+	37770107	12.89	1 1-	2 ACSR 6/1	0	0	647	267	4	0	0	0.00	0.82	0
37770106+	37770105	12.82	143 3-	1/0 ACSR 6/1	893	812	652	268	802	18	8	0.00	1.62	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37770017+	37770106	12.84	143 3-	1/0 ACSR 6/1	892	811	651	268	802	18	8	0.00	1.63	4
37770130+	37770017	12.90	6 1-	2 ACSR 6/1	0	0	647	268	26	1	1	0.00	1.53	0
37770131+	37770130	12.93	2 1-	2 ACSR 6/1	0	0	646	267	12	0	0	0.00	1.53	0
37770122+	37770017	12.85	11 1-	2 ACSR 6/1	0	0	650	268	51	3	2	0.00	1.53	0
37770118+	37770122	12.87	9 1-	2 ACSR 6/1	0	0	649	268	43	2	2	0.00	1.53	0
37770119+	37770118	12.89	2 1-	2 ACSR 6/1	0	0	648	268	11	0	0	0.00	1.53	0
37770120+	37770118	12.89	4 1-	2 ACSR 6/1	0	0	648	268	18	1	1	0.00	1.53	0
37770014+	37770017	12.92	126 3-	1/0 ACSR 6/1	887	806	647	268	726	16	7	0.01	1.64	17
D37-77-P161+	37770014	12.92	107 1-	REC-35-E	0	0	647	268	621	42	121	0.00	2.56	0
37770132+	D37-77-P161	12.98	107 1-	2 ACSR 6/1	0	0	644	267	621	42	24	0.04	2.60	19
37760078+	37770132	13.03	106 1-	2 ACSR 6/1	0	0	641	266	612	41	23	0.03	2.63	16
37760079+	37760078	13.07	105 1-	2 ACSR 6/1	0	0	639	266	603	41	23	0.02	2.65	10
37760080+	37760079	13.11	105 1-	2 ACSR 6/1	0	0	637	266	603	41	23	0.03	2.68	12
37760074+	37760080	13.16	102 1-	2 ACSR 6/1	0	0	634	265	586	39	22	0.03	2.71	14
37760075+	37760074	13.22	18 1-	2 ACSR 6/1	0	0	631	265	113	7	4	0.01	2.72	0
37760076+	37760075	13.27	17 1-	2 ACSR 6/1	0	0	629	264	107	7	4	0.01	2.72	0
37760088+	37760076	13.37	16 1-	2 ACSR 6/1	0	0	623	263	93	6	4	0.01	2.73	0
37760089+	37760088	13.39	16 1-	2 ACSR 6/1	0	0	622	263	93	6	4	0.00	2.73	0
37760090+	37760089	13.45	15 1-	2 ACSR 6/1	0	0	619	262	89	6	3	0.01	2.74	0
37760065+	37760090	13.49	13 1-	2 ACSR 6/1	0	0	617	262	79	5	3	0.00	2.74	0
37760067+	37760065	13.52	10 1-	2 ACSR 6/1	0	0	616	262	64	4	2	0.00	2.74	0
37760062+	37760067	13.57	8 1-	2 ACSR 6/1	0	0	613	261	57	3	2	0.00	2.75	0
37760063+	37760062	13.62	6 1-	2 ACSR 6/1	0	0	611	261	41	2	2	0.00	2.75	0
37760068+	37760063	13.69	4 1-	2 ACSR 6/1	0	0	607	260	34	2	1	0.00	2.75	0
37760069+	37760068	13.75	3 1-	2 ACSR 6/1	0	0	605	259	19	1	1	0.00	2.75	0
37760071+	37760069	13.89	1 1-	2 ACSR 6/1	0	0	598	258	9	0	0	0.00	2.75	0
37760070+	37760069	13.76	2 1-	2 ACSR 6/1	0	0	604	259	11	0	0	0.00	2.75	0
37760066+	37760065	13.54	2 1-	2 ACSR 6/1	0	0	615	261	14	0	1	0.00	2.74	0
37760091+	37760090	13.49	2 1-	2 ACSR 6/1	0	0	617	262	10	0	0	0.00	2.74	0
37760077+	37760076	13.42	1 1-	2 ACSR 6/1	0	0	621	262	13	0	1	0.00	2.72	0
37760073+	37760074	13.26	81 1-	2 ACSR 6/1	0	0	629	264	457	31	17	0.05	2.76	17
37760082+	37760073	13.33	80 1-	2 ACSR 6/1	0	0	625	263	451	30	17	0.03	2.79	12
37760083+	37760082	13.41	79 1-	2 ACSR 6/1	0	0	621	263	447	30	17	0.03	2.82	12
37760084+	37760083	13.44	76 1-	2 ACSR 6/1	0	0	620	262	441	30	17	0.02	2.84	5
37760085+	37760084	13.50	74 1-	2 ACSR 6/1	0	0	617	262	427	29	16	0.02	2.86	8
37760086+	37760085	13.58	68 1-	2 ACSR 6/1	0	0	613	261	394	26	15	0.03	2.90	10
37760059+	37760086	13.73	63 1-	2 ACSR 6/1	0	0	605	259	364	24	14	0.06	2.95	17
37760060+	37760059	13.79	63 1-	2 ACSR 6/1	0	0	602	259	363	24	14	0.02	2.98	7
37760061+	37760060	13.89	61 1-	2 ACSR 6/1	0	0	598	258	353	24	13	0.04	3.01	10
37760056+	37760061	13.97	53 1-	2 ACSR 6/1	0	0	594	257	310	21	12	0.03	3.04	6
37760098+	37760056	14.02	1 1-	2 ACSR 6/1	0	0	592	257	8	0	0	0.00	3.04	0
37760057+	37760056	14.05	51 1-	2 ACSR 6/1	0	0	590	256	302	20	11	0.03	3.06	6
37760058+	37760057	14.08	11 1-	2 ACSR 6/1	0	0	589	256	49	3	2	0.00	3.06	0
37760006+	37760058	14.14	11 1-	2 ACSR 6/1	0	0	586	256	49	3	2	0.00	3.07	0
37760005+	37760006	14.48	0 1-	2 ACSR 6/1	0	0	571	252	0	0	0	0.00	3.07	0
37760004+	37760006	14.17	2 1-	2 ACSR 6/1	0	0	585	255	15	1	1	0.00	3.07	0
37760002+	37760006	14.19	8 1-	2 ACSR 6/1	0	0	584	255	34	2	1	0.00	3.07	0
37760094+	37760002	14.21	6 1-	2 ACSR 6/1	0	0	583	255	31	2	1	0.00	3.07	0
37760095+	37760094	14.28	4 1-	2 ACSR 6/1	0	0	580	254	25	1	1	0.00	3.07	0
37760096+	37760095	14.32	1 1-	2 ACSR 6/1	0	0	578	254	6	0	0	0.00	3.07	0
37760093+	37760002	14.36	1 1-	2 ACSR 6/1	0	0	576	254	1	0	0	0.00	3.07	0
37760007+	37760057	14.11	40 1-	2 ACSR 6/1	0	0	588	256	253	17	10	0.02	3.08	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37760072+	37760007	14.35	39 1-	2 ACSR 6/1	0	0	577	254	247	16	9	0.06	3.14	12
37750028+	37760072	14.41	38 1-	2 ACSR 6/1	0	0	574	253	235	16	9	0.01	3.15	2
37750025+	37750028	14.51	3 1-	2 ACSR 6/1	0	0	570	252	20	1	1	0.00	3.16	0
37750027+	37750025	14.53	2 1-	2 ACSR 6/1	0	0	569	252	15	1	1	0.00	3.16	0
37750024+	37750028	14.61	34 1-	2 ACSR 6/1	0	0	566	251	204	14	8	0.04	3.20	7
37750016+	37750024	14.62	3 1-	2 ACSR 6/1	0	0	565	251	19	1	1	0.00	3.20	0
37750017+	37750016	14.67	1 1-	2 ACSR 6/1	0	0	563	251	7	0	0	0.00	3.20	0
37750003+	37750024	14.70	31 1-	2 ACSR 6/1	0	0	562	251	185	12	7	0.02	3.21	3
37750018+	37750003	14.74	1 1-	2 ACSR 6/1	0	0	560	250	5	0	0	0.00	3.21	0
37750004+	37750003	14.77	30 1-	2 ACSR 6/1	0	0	559	250	180	12	7	0.01	3.23	2
37750022+	37750004	14.86	27 1-	2 ACSR 6/1	0	0	555	249	162	11	6	0.01	3.24	2
37750023+	37750022	14.95	26 1-	2 ACSR 6/1	0	0	551	248	155	10	6	0.01	3.26	2
37750026+	37750023	15.04	25 1-	2 ACSR 6/1	0	0	548	247	146	9	6	0.01	3.27	1
37850016+	37750026	15.12	24 1-	2 ACSR 6/1	0	0	544	247	136	9	5	0.01	3.28	1
37850017+	37850016	15.16	21 1-	2 ACSR 6/1	0	0	543	246	110	7	4	0.00	3.28	0
37850018+	37850017	15.20	17 1-	2 ACSR 6/1	0	0	541	246	80	5	3	0.00	3.29	0
37850020+	37850018	15.26	2 1-	2 ACSR 6/1	0	0	539	246	15	0	1	0.00	3.29	0
37850021+	37850020	15.39	1 1-	2 ACSR 6/1	0	0	534	244	8	0	0	0.00	3.29	0
37850022+	37850018	15.24	10 1-	2 ACSR 6/1	0	0	540	246	44	3	2	0.00	3.29	0
37850023+	37850022	15.36	7 1-	2 ACSR 6/1	0	0	535	245	27	1	1	0.00	3.29	0
37850024+	37850023	15.42	5 1-	2 ACSR 6/1	0	0	533	244	19	1	1	0.00	3.29	0
37850025+	37850024	15.47	5 1-	2 ACSR 6/1	0	0	531	244	19	1	1	0.00	3.29	0
37850026+	37850025	15.62	4 1-	2 ACSR 6/1	0	0	525	242	15	0	1	0.00	3.30	0
37850027+	37850026	15.66	3 1-	2 ACSR 6/1	0	0	524	242	12	0	0	0.00	3.30	0
37850028+	37850027	15.73	0 1-	2 ACSR 6/1	0	0	521	242	0	0	0	0.00	3.30	0
37850019+	37850018	15.22	2 1-	2 ACSR 6/1	0	0	541	246	14	0	1	0.00	3.29	0
37850015+	37850016	15.15	1 1-	2 ACSR 6/1	0	0	543	247	10	0	0	0.00	3.28	0
37750019+	37750004	14.81	3 1-	2 ACSR 6/1	0	0	557	250	18	1	1	0.00	3.23	0
37750020+	37750019	14.84	2 1-	2 ACSR 6/1	0	0	556	249	17	1	1	0.00	3.23	0
37750021+	37750020	14.86	1 1-	2 ACSR 6/1	0	0	555	249	4	0	0	0.00	3.23	0
37760097+	37760007	14.16	1 1-	2 ACSR 6/1	0	0	585	255	6	0	0	0.00	3.08	0
37760052+	37760061	13.92	7 1-	2 ACSR 6/1	0	0	596	258	40	2	2	0.00	3.01	0
37760053+	37760052	13.94	4 1-	2 ACSR 6/1	0	0	595	257	20	1	1	0.00	3.01	0
37760055+	37760053	13.97	1 1-	2 ACSR 6/1	0	0	594	257	1	0	0	0.00	3.01	0
37760054+	37760053	13.96	3 1-	2 ACSR 6/1	0	0	594	257	19	1	1	0.00	3.01	0
37760003+	37760086	13.60	1 1-	2 ACSR 6/1	0	0	612	261	4	0	0	0.00	2.90	0
37760081+	37760074	13.22	3 1-	2 ACSR 6/1	0	0	631	265	15	1	1	0.00	2.71	0
37770067+	37770014	13.00	7 1-	2 ACSR 6/1	0	0	643	267	31	2	1	0.00	0.83	0
37760087+	37770067	13.03	6 1-	2 ACSR 6/1	0	0	641	266	27	1	1	0.00	0.83	0
37770093+	37770014	12.98	9 1-	2 ACSR 6/1	0	0	644	267	51	3	2	0.00	1.52	0
37770094+	37770093	13.07	8 1-	2 ACSR 6/1	0	0	639	266	51	3	2	0.00	1.53	0
37770095+	37770094	13.10	6 1-	2 ACSR 6/1	0	0	637	266	40	2	2	0.00	1.53	0
37770096+	37770095	13.12	4 1-	2 ACSR 6/1	0	0	636	265	26	1	1	0.00	1.53	0
37770123+	37770096	13.15	2 1-	2 ACSR 6/1	0	0	635	265	13	0	0	0.00	1.53	0
37770125+	37770123	13.19	1 1-	2 ACSR 6/1	0	0	633	265	5	0	0	0.00	1.53	0
37770124+	37770123	13.20	1 1-	2 ACSR 6/1	0	0	632	265	8	0	0	0.00	1.53	0
37770073+	37770014	12.98	2 1-	2 ACSR 6/1	0	0	644	267	18	1	1	0.00	1.52	0
37770072+	37770014	12.97	1 1-	2 ACSR 6/1	0	0	644	267	4	0	0	0.00	1.52	0
37770012+	37670022	12.33	2 1-	2 ACSR 6/1	0	0	675	272	23	1	1	0.00	0.79	0
37670024+	37770012	12.36	1 1-	2 ACSR 6/1	0	0	673	272	8	0	0	0.00	0.79	0
37670023+	37770012	12.38	1 1-	2 ACSR 6/1	0	0	672	271	15	1	1	0.00	0.79	0
37670027+	37670026	12.02	5 1-	2 ACSR 6/1	0	0	691	274	17	1	1	0.00	1.52	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37670037+	37670027	12.09	4 1-	2 ACSR 6/1	0	0	686	273	11	0	0	0.00	1.52	0
37670025+	37670031	11.78	1 1-	2 ACSR 6/1	0	0	703	276	9	0	0	0.00	2.00	0
37680131+	37680130	11.61	10 1-	2 ACSR 6/1	0	0	713	278	75	5	3	0.00	0.77	0
D37-68-P004+	37680131	11.61	7 1-	FUS	0	0	713	278	55	3	84	0.00	0.77	0
37680177+	D37-68-P004	11.71	7 1-	2 ACSR 6/1	0	0	706	276	55	3	2	0.01	0.77	0
37680144+	37680177	11.76	6 1-	2 ACSR 6/1	0	0	703	276	46	3	2	0.00	0.78	0
37680145+	37680144	11.81	4 1-	2 ACSR 6/1	0	0	700	275	30	2	1	0.00	0.78	0
37680146+	37680145	11.85	3 1-	2 ACSR 6/1	0	0	697	275	24	1	1	0.00	0.78	0
37680147+	37680146	11.89	1 1-	2 ACSR 6/1	0	0	694	274	10	0	0	0.00	0.78	0
37680148+	37680147	11.94	1 1-	2 ACSR 6/1	0	0	692	274	10	0	0	0.00	0.78	0
37680120+	37680119	11.43	9 1-	2 ACSR 6/1	0	0	722	279	28	1	1	0.00	0.75	0
37680121+	37680120	11.46	5 1-	2 ACSR 6/1	0	0	721	279	15	0	1	0.00	0.75	0
37680036+	37680119	11.41	6 3-	1/0 ACSR 6/1	987	903	724	279	104	2	1	0.00	1.31	0
37680164+	37680036	11.43	4 3-	1/0 ACSR 6/1	986	901	723	279	94	2	1	0.00	1.31	0
37680163+	37680164	11.59	2 3-	1/0 ACSR 6/1	974	891	714	278	82	1	1	0.00	1.31	0
37680122+	37680163	11.61	1 3-	1/0 ACSR 6/1	973	889	713	278	77	1	1	0.00	1.31	0
37680123+	37680122	11.62	1 3-	1/0 ACSR 6/1	972	888	713	278	77	1	1	0.00	1.31	0
37680162+	37680164	11.46	1 1-	2 ACSR 6/1	0	0	721	279	6	0	0	0.00	0.75	0
37680153+	37680162	11.53	0 1-	2 ACSR 6/1	0	0	717	278	0	0	0	0.00	0.75	0
37680152+	37680153	11.58	0 1-	2 ACSR 6/1	0	0	713	277	0	0	0	0.00	0.75	0
37680157+	37680036	11.53	2 1-	2 ACSR 6/1	0	0	717	278	10	0	0	0.00	1.37	0
37680158+	37680157	11.59	1 1-	2 ACSR 6/1	0	0	712	277	7	0	0	0.00	1.38	0
37680168+	37680167	10.97	8 1-	2 ACSR 6/1	0	0	750	283	70	4	3	0.00	1.25	0
37680169+	37680168	10.99	7 1-	2 ACSR 6/1	0	0	749	283	68	4	3	0.00	1.25	0
37680159+	37680169	11.16	6 1-	2 ACSR 6/1	0	0	737	281	58	4	2	0.01	1.26	0
37680160+	37680159	11.26	4 1-	2 ACSR 6/1	0	0	730	279	46	3	2	0.01	1.26	0
37680161+	37680160	11.28	3 1-	2 ACSR 6/1	0	0	728	279	45	3	2	0.00	1.26	0
37680170+	37680161	11.32	3 1-	2 ACSR 6/1	0	0	726	279	45	3	2	0.00	1.26	0
37680141+	37680140	10.75	5 1-	2 ACSR 6/1	0	0	763	285	104	7	4	0.00	1.16	0
37680142+	37680141	10.80	3 1-	2 ACSR 6/1	0	0	760	284	96	6	4	0.01	1.16	0
37680143+	37680142	10.82	2 1-	2 ACSR 6/1	0	0	758	284	87	6	3	0.00	1.16	0
37680134+	37680143	10.91	0 1-	25 KV 1/0 URD X	0	0	754	496	0	0	0	0.00	1.16	0
37680034+	37690032	10.47	2 1-	2 ACSR 6/1	0	0	782	287	7	0	0	0.00	1.03	0
37680136+	37680034	10.50	0 1-	2 ACSR 6/1	0	0	780	287	0	0	0	0.00	1.03	0
37680107+	37680034	10.52	1 1-	2 ACSR 6/1	0	0	778	286	7	0	0	0.00	1.03	0
37690039+	37690098	10.29	0 3-	4/0 ACSR 6/1	1076	990	794	289	0	0	0	0.00	0.91	0
37-69-P003-A+	37690039	10.29	0 1-	Open	0	0	794	289	0	0	0	0.00	1.23	0
37690029+	37690031	10.21	1 3-	1/0 ACSR 6/1	1081	995	799	289	4	0	0	0.00	0.89	0
37690153+	37690029	10.22	0 3-	1/0 ACSR 6/1	1080	994	798	289	0	0	0	0.00	0.89	0
37-69-P006-B+	37690153	10.22	0 3-	Open	1080	994	798	289	0	0	0	0.00	0.89	0
37690149+	37690148	10.01	1 1-	2 ACSR 6/1	0	0	810	290	8	0	0	0.00	1.12	0
37690147+	37690028	9.94	2 1-	2 ACSR 6/1	0	0	814	290	17	1	1	0.00	1.09	0
37690027+	37690135	9.82	0 1-	2 ACSR 6/1	0	0	822	291	0	0	0	0.00	0.53	0
37690114+	37590047	9.77	10 1-	2 ACSR 6/1	0	0	825	291	92	6	3	0.00	0.79	0
37690138+	37690114	9.81	9 1-	2 ACSR 6/1	0	0	821	291	79	5	3	0.00	0.80	0
37690137+	37690138	9.85	1 1-	2 ACSR 6/1	0	0	818	291	9	0	0	0.00	0.80	0
37690143+	37690137	9.91	0 1-	2 ACSR 6/1	0	0	813	290	0	0	0	0.00	0.80	0
37690136+	37690138	9.86	7 1-	2 ACSR 6/1	0	0	817	290	62	4	2	0.00	0.80	0
37690144+	37690136	9.89	6 1-	2 ACSR 6/1	0	0	814	290	55	3	2	0.00	0.80	0
37690145+	37690144	9.94	4 1-	2 ACSR 6/1	0	0	811	289	40	2	2	0.00	0.80	0
37690146+	37690145	9.98	3 1-	2 ACSR 6/1	0	0	807	289	29	1	1	0.00	0.80	0
37590049+	37590052	9.69	4 1-	2 ACSR 6/1	0	0	829	292	17	1	1	0.00	0.76	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 641 OVENFORK(641)		949			1340	1349	1427	343	8607					
SUB 641, CKT 1														
BK641-01+	OVENFORK(641)	0.00	542 3-	BK64101	1340	1349	1427	343	3824	84 50	0.00	0.00	0.00	0
34690029+	BK641-01	0.04	542 3-	1/0 ACSR 6/1	1336	1345	1420	342	3824	84 37	0.04	0.02	0.02	86
34690033+	34690029	0.04	0 3-	1/0 ACSR 6/1	1335	1344	1420	342	0	0 0	0.00	0.02	0.02	0
34-69-P072-B+	34690033	0.04	0 3-	Open	1335	1344	1420	342	0	0 0	0.00	0.02	0.02	0
34690031+	34690029	0.11	542 3-	1/0 ACSR 6/1	1327	1336	1406	341	3824	84 37	0.09	0.08	0.08	186
D34-69-P049+	34690031	0.11	8 1-	REC-50-E	0	0	1406	341	58	3 8	0.00	0.02	0.02	0
34690099+	D34-69-P049	0.19	8 1-	2 ACSR 6/1	0	0	1391	340	58	3 2	0.00	0.02	0.02	0
34690072+	34690099	0.22	8 1-	2 ACSR 6/1	0	0	1385	340	58	3 2	0.00	0.02	0.02	0
34690071+	34690072	0.27	1 1-	2 ACSR 6/1	0	0	1376	339	14	0 1	0.00	0.02	0.02	0
34690070+	34690072	0.31	7 1-	2 ACSR 6/1	0	0	1367	338	44	2 2	0.00	0.03	0.03	0
34690098+	34690070	0.37	0 1-	2 ACSR 6/1	0	0	1356	337	0	0 0	0.00	0.03	0.03	0
34690097+	34690070	0.39	5 1-	2 ACSR 6/1	0	0	1351	337	39	2 1	0.00	0.03	0.03	0
34690096+	34690097	0.48	4 1-	2 ACSR 6/1	0	0	1334	336	39	2 1	0.00	0.03	0.03	0
34690073+	34690096	0.50	3 1-	2 ACSR 6/1	0	0	1331	335	29	1 1	0.00	0.03	0.03	0
34690078+	34690073	0.54	2 1-	2 ACSR 6/1	0	0	1323	335	21	1 1	0.00	0.03	0.03	0
34690077+	34690078	0.59	1 1-	2 ACSR 6/1	0	0	1315	334	10	0 0	0.00	0.03	0.03	0
34690100+	34690031	0.46	534 3-	1/0 ACSR 6/1	1290	1295	1345	337	3764	83 36	0.41	0.31	0.31	825
34690091+	34690100	0.86	534 3-	1/0 ACSR 6/1	1248	1248	1278	333	3756	83 36	0.48	0.58	0.58	959
34690092+	34690091	0.88	10 1-	2 ACSR 6/1	0	0	1274	333	51	3 2	0.00	0.10	0.10	0
D34-69-P019+	34690092	0.88	9 1-	FUS	0	0	1274	333	40	2 61	0.00	0.10	0.10	0
34690105+	D34-69-P019	0.92	9 1-	2 ACSR 6/1	0	0	1269	332	40	2 1	0.00	0.10	0.10	0
34690079+	34690105	0.98	4 1-	2 ACSR 6/1	0	0	1257	331	16	1 1	0.00	0.10	0.10	0
34690080+	34690079	1.04	1 1-	2 ACSR 6/1	0	0	1247	330	9	0 0	0.00	0.10	0.10	0
34690081+	34690079	1.03	1 1-	2 ACSR 6/1	0	0	1249	331	2	0 0	0.00	0.10	0.10	0
34690082+	34690105	0.98	5 1-	2 ACSR 6/1	0	0	1258	331	24	1 1	0.00	0.10	0.10	0
34690083+	34690082	1.01	4 1-	2 ACSR 6/1	0	0	1253	331	21	1 1	0.00	0.10	0.10	0
34690086+	34690083	1.06	2 1-	2 ACSR 6/1	0	0	1244	330	14	0 1	0.00	0.10	0.10	0
34690087+	34690086	1.13	1 1-	2 ACSR 6/1	0	0	1232	329	13	0 0	0.00	0.10	0.10	0
34690085+	34690083	1.04	2 1-	2 ACSR 6/1	0	0	1247	330	7	0 0	0.00	0.10	0.10	0
34690090+	34690091	0.93	523 3-	1/0 ACSR 6/1	1240	1240	1267	332	3696	82 36	0.09	0.63	0.63	171
34690084+	34690090	1.04	519 3-	1/0 ACSR 6/1	1229	1228	1250	331	3655	81 36	0.13	0.70	0.70	254
34690088+	34690084	1.07	1 1-	2 ACSR 6/1	0	0	1245	331	13	0 0	0.00	1.23	1.23	0
34690028+	34690084	1.17	518 3-	1/0 ACSR 6/1	1217	1214	1231	330	3639	81 35	0.14	0.78	0.78	283
34690089+	34690028	1.23	2 1-	2 ACSR 6/1	0	0	1221	329	10	0 0	0.00	0.85	0.85	0
34690074+	34690089	1.27	0 1-	2 ACSR 6/1	0	0	1214	328	0	0 0	0.00	0.85	0.85	0
34690102+	34690028	1.23	516 3-	1/0 ACSR 6/1	1211	1207	1222	329	3627	81 35	0.07	0.82	0.82	144
34690103+	34690102	1.34	514 3-	1/0 ACSR 6/1	1200	1195	1206	328	3609	80 35	0.12	0.89	0.89	242
34790021+	34690103	1.41	1 1-	2 ACSR 6/1	0	0	1194	327	0	0 0	0.00	0.97	0.97	0
34790013+	34690103	1.41	511 3-	1/0 ACSR 6/1	1193	1187	1196	327	3601	80 35	0.08	0.93	0.93	164
34790014+	34790013	1.55	511 3-	1/0 ACSR 6/1	1180	1173	1177	326	3599	80 35	0.16	1.02	1.02	311
34790018+	34790014	1.58	3 1-	2 ACSR 6/1	0	0	1171	325	21	1 1	0.00	0.14	0.14	0
34790019+	34790018	1.62	3 1-	2 ACSR 6/1	0	0	1165	325	21	1 1	0.00	0.14	0.14	0
34790015+	34790019	1.66	2 1-	2 ACSR 6/1	0	0	1160	324	21	1 1	0.00	0.14	0.14	0
34790016+	34790015	1.69	1 1-	2 ACSR 6/1	0	0	1155	324	12	0 0	0.00	0.14	0.14	0
34790020+	34790014	1.65	1 1-	2 ACSR 6/1	0	0	1161	324	13	0 0	0.00	1.12	1.12	0
34790003+	34790014	1.87	507 3-	1/0 ACSR 6/1	1150	1139	1133	323	3561	79 35	0.37	1.23	1.23	727
34780035+	34790003	2.07	505 3-	1/0 ACSR 6/1	1133	1119	1108	321	3547	79 35	0.22	1.35	1.35	433
34780041+	34780035	2.11	503 3-	1/0 ACSR 6/1	1129	1115	1103	320	3525	79 34	0.05	1.38	1.38	90
D34-78-P018+	34780041	2.11	5 1-	FUS	0	0	1103	320	44	2 67	0.00	2.45	2.45	0
34780061+	D34-78-P018	2.14	5 1-	2 ACSR 6/1	0	0	1098	320	44	2 2	0.00	2.45	2.45	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34780044+	34780061	2.23	3 1-	2 ACSR 6/1	0	0	1087	318	20	1	1	0.00	2.45	0
34780045+	34780044	2.29	2 1-	2 ACSR 6/1	0	0	1079	318	14	0	1	0.00	2.45	0
34780046+	34780045	2.40	1 1-	2 ACSR 6/1	0	0	1064	316	5	0	0	0.00	2.45	0
34780043+	34780061	2.16	2 1-	2 ACSR 6/1	0	0	1096	319	23	1	1	0.00	2.45	0
34780042+	34780041	2.30	495 3-	1/0 ACSR 6/1	1112	1096	1080	318	3462	77	34	0.21	1.50	408
D34-78-P054+	34780042	2.30	7 1-	REC-50-E	0	0	1080	318	56	3	8	0.00	1.66	0
34780004+	D34-78-P054	2.33	7 1-	2 ACSR 6/1	0	0	1076	318	56	3	2	0.00	1.67	0
34780051+	34780004	2.36	6 1-	2 ACSR 6/1	0	0	1072	317	41	2	2	0.00	1.67	0
34780052+	34780051	2.39	5 1-	2 ACSR 6/1	0	0	1068	317	36	2	1	0.00	1.67	0
34780053+	34780052	2.45	4 1-	2 ACSR 6/1	0	0	1060	316	36	2	1	0.00	1.67	0
34780054+	34780053	2.51	0 1-	2 ACSR 6/1	0	0	1053	315	0	0	0	0.00	1.67	0
34780055+	34780053	2.48	3 1-	2 ACSR 6/1	0	0	1056	316	27	1	1	0.00	1.67	0
34780039+	34780055	2.87	2 1-	2 ACSR 6/1	0	0	1007	310	17	1	1	0.00	1.67	0
34780040+	34780039	3.01	1 1-	2 ACSR 6/1	0	0	991	309	4	0	0	0.00	1.67	0
34780048+	34780004	2.35	1 1-	2 ACSR 6/1	0	0	1073	317	15	1	1	0.00	1.67	0
34780056+	34780042	2.46	488 3-	1/0 ACSR 6/1	1099	1081	1062	317	3402	76	33	0.17	1.59	318
34780057+	34780056	2.48	487 3-	1/0 ACSR 6/1	1097	1079	1059	316	3390	76	33	0.03	1.61	46
34780059+	34780057	2.74	484 3-	1/0 ACSR 6/1	1076	1055	1030	314	3361	75	33	0.29	1.76	522
34780060+	34780059	2.84	482 3-	1/0 ACSR 6/1	1068	1046	1019	313	3337	75	33	0.11	1.82	196
34780036+	34780060	2.85	482 3-	1/0 ACSR 6/1	1067	1045	1018	313	3335	75	33	0.01	1.83	23
D34-78-P075+	34780036	2.85	482 3-	ER3-RVE-240/140	1067	1045	1018	313	3334	75	63	0.00	1.83	0
34780037+	D34-78-P075	2.94	482 3-	1/0 ACSR 6/1	1060	1037	1009	312	3334	75	33	0.10	1.88	179
34780038+	34780037	3.13	480 3-	1/0 ACSR 6/1	1045	1021	989	310	3321	75	33	0.21	1.99	383
34780050+	34780038	3.30	477 3-	1/0 ACSR 6/1	1032	1006	972	308	3298	74	32	0.19	2.09	336
34-88-P024-B+	34780050	3.30	477 3-	Closed	1032	1006	972	308	3295	74	0	0.00	2.09	0
34-88-P024-A+	34-88-P024-B	3.30	477 3-	Closed	1032	1006	972	308	3295	74	0	0.00	2.09	0
34880007+	34-88-P024-A	3.31	477 3-	1/0 ACSR 6/1	1031	1006	971	308	3295	74	32	0.01	2.10	16
34880006+	34880007	3.37	428 3-	1/0 ACSR 6/1	1027	1000	965	308	2995	67	30	0.06	2.13	97
34870137+	34880006	3.57	425 3-	1/0 ACSR 6/1	1012	984	946	306	2980	67	29	0.18	2.24	303
34870217+	34870137	3.68	5 1-	2 ACSR 6/1	0	0	934	304	27	1	1	0.00	4.01	0
34870218+	34870137	3.61	419 3-	1/0 ACSR 6/1	1008	980	942	305	2950	66	29	0.04	2.26	70
34870138+	34870218	3.75	418 3-	1/0 ACSR 6/1	999	970	929	304	2947	66	29	0.12	2.33	199
34870146+	34870138	3.79	415 3-	1/0 ACSR 6/1	995	966	925	304	2832	64	28	0.04	2.35	64
34870147+	34870146	3.84	414 3-	1/0 ACSR 6/1	992	962	921	303	2831	64	28	0.04	2.38	65
34870148+	34870147	3.90	414 3-	1/0 ACSR 6/1	988	958	916	303	2830	64	28	0.05	2.40	77
D34-87-P081+	34870148	3.90	66 1-	REC-50-E	0	0	916	303	503	34	69	0.00	4.31	0
34870222+	D34-87-P081	3.93	66 1-	2 ACSR 6/1	0	0	913	302	503	34	19	0.02	4.32	6
34870175+	34870221	4.02	62 1-	2 ACSR 6/1	0	0	904	301	491	33	19	0.05	4.37	19
34870160+	34870175	4.09	2 1-	2 ACSR 6/1	0	0	897	300	16	1	1	0.00	4.37	0
34870178+	34870175	4.10	54 1-	2 ACSR 6/1	0	0	896	300	433	29	17	0.03	4.40	12
34870181+	34870178	4.18	49 1-	2 ACSR 6/1	0	0	888	299	381	26	15	0.03	4.43	9
34870167+	34870181	4.28	7 1-	2 ACSR 6/1	0	0	878	298	71	4	3	0.01	4.44	0
34870168+	34870167	4.32	4 1-	2 ACSR 6/1	0	0	874	298	46	3	2	0.00	4.44	0
34870170+	34870168	4.39	3 1-	2 ACSR 6/1	0	0	868	297	37	2	1	0.00	4.44	0
34870169+	34870168	4.38	1 1-	2 ACSR 6/1	0	0	869	297	9	0	0	0.00	4.44	0
34870173+	34870181	4.23	34 1-	2 ACSR 6/1	0	0	883	299	246	16	9	0.01	4.44	2
34870185+	34870173	4.40	25 1-	2 ACSR 6/1	0	0	867	297	186	12	7	0.03	4.47	4
34870186+	34870185	4.44	21 1-	2 ACSR 6/1	0	0	864	296	161	11	6	0.01	4.48	0
34870187+	34870186	4.47	20 1-	2 ACSR 6/1	0	0	860	296	148	10	6	0.01	4.48	0
34870206+	34870187	4.55	1 1-	2 ACSR 6/1	0	0	853	295	10	0	0	0.00	4.48	0
34870188+	34870187	4.50	2 1-	2 ACSR 6/1	0	0	858	295	10	0	0	0.00	4.48	0
34870215+	34870187	4.54	15 1-	2 ACSR 6/1	0	0	854	295	100	6	4	0.01	4.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34870133+	34870215	4.61	1 1-	2 ACSR 6/1	0	0	848	294	7	0	0	0.00	4.49	0
34870216+	34870215	4.59	12 1-	2 ACSR 6/1	0	0	849	294	77	5	3	0.00	4.49	0
34870223+	34870216	4.66	1 1-	2 ACSR 6/1	0	0	844	293	8	0	0	0.00	4.49	0
34970003+	34870223	4.73	0 1-	2 ACSR 6/1	0	0	838	293	0	0	0	0.00	4.49	0
34870200+	34870216	4.61	7 1-	2 ACSR 6/1	0	0	848	294	43	2	2	0.00	4.49	0
34870224+	34870200	4.65	2 1-	2 ACSR 6/1	0	0	845	294	11	0	0	0.00	4.49	0
34970004+	34870224	4.70	2 1-	2 ACSR 6/1	0	0	840	293	11	0	0	0.00	4.49	0
34870222+	34870200	4.66	1 1-	2 ACSR 6/1	0	0	843	293	5	0	0	0.00	4.49	0
34870199+	34870200	4.66	4 1-	2 ACSR 6/1	0	0	844	293	28	1	1	0.00	4.49	0
34870184+	34870173	4.28	4 1-	2 ACSR 6/1	0	0	879	298	26	1	1	0.00	4.44	0
34870171+	34870184	4.33	2 1-	2 ACSR 6/1	0	0	874	297	9	0	0	0.00	4.44	0
34870172+	34870171	4.37	2 1-	2 ACSR 6/1	0	0	870	297	9	0	0	0.00	4.44	0
34870182+	34870181	4.31	6 1-	2 ACSR 6/1	0	0	876	298	36	2	1	0.00	4.43	0
34870194+	34870182	4.40	5 1-	2 ACSR 6/1	0	0	867	297	25	1	1	0.00	4.44	0
34870195+	34870194	4.42	4 1-	2 ACSR 6/1	0	0	865	296	25	1	1	0.00	4.44	0
34870196+	34870195	4.47	3 1-	2 ACSR 6/1	0	0	860	296	16	1	1	0.00	4.44	0
34870203+	34870196	4.53	1 1-	2 ACSR 6/1	0	0	855	295	8	0	0	0.00	4.44	0
34870031+	34870196	4.51	2 1-	2 ACSR 6/1	0	0	857	295	8	0	0	0.00	4.44	0
34870205+	34870031	4.58	0 1-	2 ACSR 6/1	0	0	851	294	0	0	0	0.00	4.44	0
34870204+	34870031	4.63	2 1-	2 ACSR 6/1	0	0	846	294	8	0	0	0.00	4.44	0
34870193+	34870182	4.37	0 1-	2 ACSR 6/1	0	0	870	297	0	0	0	0.00	4.43	0
34870161+	34870182	4.37	1 1-	2 ACSR 6/1	0	0	869	297	10	0	0	0.00	4.44	0
34870179+	34870178	4.13	3 1-	2 ACSR 6/1	0	0	893	300	35	2	1	0.00	4.40	0
34870180+	34870179	4.16	2 1-	2 ACSR 6/1	0	0	890	300	22	1	1	0.00	4.40	0
34870176+	34870175	4.10	5 1-	2 ACSR 6/1	0	0	895	300	34	2	1	0.00	4.37	0
34870177+	34870176	4.13	4 1-	2 ACSR 6/1	0	0	893	300	26	1	1	0.00	4.37	0
34870189+	34870177	4.20	1 1-	2 ACSR 6/1	0	0	886	299	8	0	0	0.00	4.37	0
34870149+	34870148	3.94	348 3-	1/0 ACSR 6/1	985	954	912	302	2326	52	23	0.03	2.42	40
34870150+	34870149	4.06	347 3-	1/0 ACSR 6/1	977	945	902	301	2309	52	23	0.06	2.47	97
34870151+	34870150	4.17	346 3-	1/0 ACSR 6/1	970	938	893	300	2296	52	23	0.05	2.51	82
34870152+	34870151	4.39	345 3-	1/0 ACSR 6/1	954	921	874	298	2287	51	23	0.12	2.60	180
34870153+	34870152	4.47	343 3-	1/0 ACSR 6/1	949	915	867	298	2266	51	22	0.04	2.63	66
D34-87-P171+	34870153	4.47	28 1-	RBC-50-E			867	298	192	13	26	0.00	4.60	0
34870032+	D34-87-P171	4.50	28 1-	2 ACSR 6/1	0	0	865	297	192	13	7	0.00	4.61	0
34870154+	34870032	4.60	1 1-	2 ACSR 6/1	0	0	856	296	7	0	0	0.00	4.61	0
34870141+	34870154	4.67	0 1-	2 ACSR 6/1	0	0	850	295	0	0	0	0.00	4.61	0
34870143+	34870032	4.59	27 1-	2 ACSR 6/1	0	0	857	296	185	12	7	0.02	4.62	2
34870207+	34870143	4.66	14 1-	2 ACSR 6/1	0	0	851	295	88	6	3	0.01	4.63	0
34870208+	34870207	4.72	11 1-	2 ACSR 6/1	0	0	846	295	67	4	3	0.00	4.63	0
34870201+	34870208	4.82	10 1-	2 ACSR 6/1	0	0	837	293	60	4	2	0.01	4.64	0
34870202+	34870201	4.97	7 1-	2 ACSR 6/1	0	0	824	292	48	3	2	0.01	4.65	0
34870210+	34870202	5.03	4 1-	2 ACSR 6/1	0	0	819	291	21	1	1	0.00	4.65	0
34870211+	34870210	5.09	2 1-	2 ACSR 6/1	0	0	813	290	16	1	1	0.00	4.65	0
34870213+	34870211	5.19	0 1-	2 ACSR 6/1	0	0	805	289	0	0	0	0.00	4.65	0
34870212+	34870211	5.12	2 1-	2 ACSR 6/1	0	0	811	290	16	1	1	0.00	4.65	0
34870197+	34870202	5.02	3 1-	2 ACSR 6/1	0	0	819	291	27	1	1	0.00	4.65	0
34870198+	34870197	5.11	1 1-	2 ACSR 6/1	0	0	812	290	7	0	0	0.00	4.65	0
34870209+	34870198	5.15	1 1-	2 ACSR 6/1	0	0	808	289	7	0	0	0.00	4.65	0
34870157+	34870143	4.64	11 1-	2 ACSR 6/1	0	0	852	296	76	5	3	0.00	4.63	0
34870158+	34870157	4.67	10 1-	2 ACSR 6/1	0	0	850	295	67	4	3	0.00	4.63	0
34870159+	34870158	4.71	9 1-	2 ACSR 6/1	0	0	846	295	55	3	2	0.00	4.63	0
34870155+	34870159	4.76	6 1-	2 ACSR 6/1	0	0	842	294	38	2	1	0.00	4.63	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34870156+	34870155	4.78	4 1-	2 ACSR 6/1	0	0	840	294	26	1	1	0.00	4.63	0
34870219+	34870156	4.82	2 1-	2 ACSR 6/1	0	0	836	293	18	1	1	0.00	4.64	0
34870220+	34870219	4.86	1 1-	2 ACSR 6/1	0	0	833	293	9	0	0	0.00	4.64	0
34870214+	34870155	4.82	1 1-	2 ACSR 6/1	0	0	836	293	8	0	0	0.00	4.63	0
34870142+	34870143	4.62	1 1-	2 ACSR 6/1	0	0	854	296	8	0	0	0.00	4.63	0
34870033+	34870153	4.67	315 3-	1/0 ACSR 6/1	936	901	852	296	2074	47	20	0.07	2.70	126
34870128+	34870033	4.83	313 3-	1/0 ACSR 6/1	926	890	840	294	2065	46	20	0.06	2.76	103
C34-86-P49+	34870128	4.83	0 3-	Capacitor	926	890	840	294	0	-7	0	0.00	2.76	0
34860024+	34870128	4.95	313 3-	1/0 ACSR 6/1	918	882	831	293	2064	47	21	0.06	2.81	85
D34-96-P047+	34860024	4.95	13 1-	REC-50-E	0	0	831	293	57	3	8	0.00	4.80	0
34960008+	D34-96-P047	5.03	13 1-	2 ACSR 6/1	0	0	824	292	57	3	2	0.00	4.80	0
34960011+	34960008	5.07	3 1-	2 ACSR 6/1	0	0	821	292	5	0	0	0.00	4.80	0
34960064+	34960008	5.22	10 1-	2 ACSR 6/1	0	0	808	290	51	3	2	0.01	4.81	0
34860030+	34960064	5.27	8 1-	2 ACSR 6/1	0	0	804	290	43	2	2	0.00	4.81	0
34860032+	34860030	5.35	1 1-	2 ACSR 6/1	0	0	798	289	4	0	0	0.00	4.81	0
34860031+	34860030	5.32	3 1-	2 ACSR 6/1	0	0	800	289	24	1	1	0.00	4.81	0
34860033+	34860031	5.37	2 1-	2 ACSR 6/1	0	0	796	288	14	0	1	0.00	4.81	0
34860042+	34860033	5.43	2 1-	2 ACSR 6/1	0	0	791	288	14	0	1	0.00	4.81	0
34860039+	34860031	5.38	1 1-	2 ACSR 6/1	0	0	795	288	10	0	0	0.00	4.81	0
34960010+	34860024	5.06	300 3-	1/0 ACSR 6/1	912	875	823	292	2006	46	20	0.04	2.85	67
34960096+	34960010	5.08	31 1-	2 ACSR 6/1	0	0	821	292	220	15	8	0.01	3.17	0
34960088+	34960096	5.14	2 1-	2 ACSR 6/1	0	0	816	292	9	0	0	0.00	3.17	0
34960087+	34960096	5.12	1 1-	2 ACSR 6/1	0	0	818	292	0	0	0	0.00	3.17	0
34960097+	34960096	5.15	28 1-	2 ACSR 6/1	0	0	815	291	211	14	8	0.01	3.18	2
D34-96-P055+	34960097	5.15	1 1-	REC-50-E	0	0	815	291	1	0	0	0.00	3.18	0
34960069+	D34-96-P055	5.21	1 1-	2 ACSR 6/1	0	0	810	291	1	0	0	0.00	3.18	0
34960089+	34960097	5.20	26 1-	2 ACSR 6/1	0	0	811	291	195	13	7	0.01	3.19	2
34960093+	34960089	5.24	21 1-	2 ACSR 6/1	0	0	808	290	170	11	6	0.01	3.20	0
34960094+	34960089	5.38	19 1-	2 ACSR 6/1	0	0	797	289	149	10	6	0.02	3.22	2
34960063+	34960094	5.55	17 1-	2 ACSR 6/1	0	0	784	287	142	9	5	0.02	3.24	3
39060050+	34960063	5.59	2 1-	2 ACSR 6/1	0	0	780	286	20	1	1	0.00	3.24	0
39060051+	39060050	5.64	1 1-	2 ACSR 6/1	0	0	777	286	10	0	0	0.00	3.24	0
39060049+	34960063	5.62	14 1-	2 ACSR 6/1	0	0	778	286	109	7	4	0.01	3.25	0
39060052+	39060049	5.66	1 1-	2 ACSR 6/1	0	0	775	285	12	0	0	0.00	3.25	0
39060048+	39060049	5.65	12 1-	2 ACSR 6/1	0	0	775	285	92	6	3	0.00	3.25	0
39060047+	39060048	5.70	10 1-	2 ACSR 6/1	0	0	771	285	80	5	3	0.00	3.25	0
39060045+	39060047	5.75	9 1-	2 ACSR 6/1	0	0	768	284	69	4	3	0.00	3.26	0
39060046+	39060045	5.79	8 1-	2 ACSR 6/1	0	0	765	284	60	4	2	0.00	3.26	0
39060053+	39060046	5.84	7 1-	2 ACSR 6/1	0	0	761	283	50	3	2	0.00	3.26	0
39060054+	39060053	5.91	6 1-	2 ACSR 6/1	0	0	756	283	44	3	2	0.00	3.26	0
39060055+	39060054	5.93	5 1-	2 ACSR 6/1	0	0	755	282	41	2	2	0.00	3.26	0
39060057+	39060055	6.00	1 1-	2 ACSR 6/1	0	0	750	282	15	1	1	0.00	3.27	0
39060056+	39060055	5.96	4 1-	2 ACSR 6/1	0	0	753	282	26	1	1	0.00	3.27	0
39060043+	39060056	6.03	3 1-	2 ACSR 6/1	0	0	748	281	19	1	1	0.00	3.27	0
39160002+	39060043	6.44	2 1-	2 ACSR 6/1	0	0	719	277	11	0	0	0.00	3.27	0
39170002+	39160002	6.54	1 1-	2 ACSR 6/1	0	0	712	276	4	0	0	0.00	3.27	0
39060044+	39060046	5.83	1 1-	2 ACSR 6/1	0	0	762	283	11	0	0	0.00	3.26	0
34960091+	34960089	5.31	2 1-	2 ACSR 6/1	0	0	802	290	16	1	1	0.00	3.19	0
34960092+	34960091	5.35	1 1-	2 ACSR 6/1	0	0	799	289	8	0	0	0.00	3.19	0
34960090+	34960089	5.30	1 1-	2 ACSR 6/1	0	0	803	290	0	0	0	0.00	3.19	0
34960095+	34960010	5.10	1 1-	2 ACSR 6/1	0	0	819	292	0	0	0	0.00	3.16	0
34960070+	34960010	5.19	266 3-	1/0 ACSR 6/1	904	866	814	291	1776	41	18	0.06	2.89	63

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34960098+	34960070	5.23	1 1-	2 ACSR 6/1	0	0	810	291	4	0	0	0.00	3.20	0
34960107+	34960070	5.23	8 1-	2 ACSR 6/1	0	0	810	291	37	2	1	0.00	3.20	0
34960103+	34960107	5.29	4 1-	2 ACSR 6/1	0	0	806	290	8	0	0	0.00	3.20	0
34960102+	34960107	5.29	2 1-	2 ACSR 6/1	0	0	806	290	17	1	1	0.00	3.20	0
34960071+	34960070	5.28	256 3-	1/0 ACSR 6/1	898	860	807	291	1722	39	17	0.04	2.93	44
34960073+	34960071	5.35	252 3-	1/0 ACSR 6/1	894	856	802	290	1692	39	17	0.03	2.95	31
34960076+	34960073	5.43	0 1-	2 ACSR 6/1	0	0	796	289	0	0	0	0.00	3.24	0
34960075+	34960073	5.42	1 1-	2 ACSR 6/1	0	0	797	289	7	0	0	0.00	3.24	0
34960074+	34960073	5.41	248 3-	1/0 ACSR 6/1	891	852	799	289	1671	38	17	0.02	2.97	23
D34-96-P114+	34960074	5.41	248 3-	ER3-RVE-200/100	891	852	799	289	1671	38	39	0.00	2.97	0
34960077+	D34-96-P114	5.53	248 3-	1/0 ACSR 6/1	884	845	790	288	1671	38	17	0.06	3.01	53
34960099+	34960077	5.58	1 1-	2 ACSR 6/1	0	0	786	288	12	0	0	0.00	5.06	0
34960065+	34960077	5.57	3 1-	2 ACSR 6/1	0	0	787	288	13	0	1	0.00	5.06	0
34960078+	34960077	5.61	1 1-	2 ACSR 6/1	0	0	784	287	5	0	0	0.00	5.06	0
34960066+	34960077	5.61	242 3-	1/0 ACSR 6/1	879	840	785	288	1631	37	16	0.04	3.03	34
34960067+	34960066	5.68	240 3-	1/0 ACSR 6/1	875	835	780	287	1622	37	16	0.03	3.06	31
34960068+	34960067	5.78	239 3-	1/0 ACSR 6/1	869	829	774	286	1617	37	16	0.04	3.09	39
D34-96-P008+	34960068	5.78	18 1-	REC-50-E	0	0	774	286	137	9	18	0.00	0.74	0
34960079+	D34-96-P008	5.86	18 1-	2 ACSR 6/1	0	0	767	285	137	9	5	0.01	0.75	1
34960111+	34960079	6.00	17 1-	2 ACSR 6/1	0	0	757	284	130	8	5	0.02	0.77	2
34960080+	34960111	6.07	17 1-	2 ACSR 6/1	0	0	752	283	130	8	5	0.01	0.78	0
34860034+	34960080	6.13	3 1-	2 ACSR 6/1	0	0	748	282	21	1	1	0.00	0.78	0
34960100+	34860034	6.16	2 1-	2 ACSR 6/1	0	0	746	282	15	1	1	0.00	0.78	0
34960104+	34960100	6.29	1 1-	2 ACSR 6/1	0	0	737	280	3	0	0	0.00	0.78	0
34860041+	34960080	6.10	12 1-	2 ACSR 6/1	0	0	750	283	98	6	4	0.00	0.78	0
34860040+	34860041	6.16	2 1-	2 ACSR 6/1	0	0	746	282	23	1	1	0.00	0.78	0
34860025+	34860040	6.26	1 1-	2 ACSR 6/1	0	0	738	281	10	0	0	0.00	0.78	0
34860035+	34860041	6.15	9 1-	2 ACSR 6/1	0	0	747	282	63	4	2	0.00	0.78	0
34860036+	34860035	6.17	8 1-	2 ACSR 6/1	0	0	745	282	52	3	2	0.00	0.78	0
34860037+	34860036	6.20	7 1-	2 ACSR 6/1	0	0	743	281	43	2	2	0.00	0.78	0
34860038+	34860037	6.22	6 1-	2 ACSR 6/1	0	0	741	281	43	2	2	0.00	0.78	0
34860027+	34860038	6.29	4 1-	2 ACSR 6/1	0	0	737	280	28	1	1	0.00	0.79	0
34860029+	34860027	6.34	1 1-	2 ACSR 6/1	0	0	733	280	2	0	0	0.00	0.79	0
34860026+	34860029	6.43	1 1-	2 ACSR 6/1	0	0	727	279	2	0	0	0.00	0.79	0
34860028+	34860027	6.35	2 1-	2 ACSR 6/1	0	0	732	280	12	0	0	0.00	0.79	0
34960086+	34960068	6.11	191 3-	1/0 ACSR 6/1	851	810	753	284	1246	29	13	0.16	3.17	93
34960085+	34960086	6.11	178 3-	1/0 ACSR 6/1	851	810	753	283	1140	26	12	0.00	3.17	2
34-96-P003-B+	34960085	6.11	178 3-	Closed	851	810	753	283	1140	26	0	0.00	3.17	0
34-96-P003-A+	34-96-P003-B	6.11	178 3-	Closed	851	810	753	283	1140	26	0	0.00	3.17	0
34960109+	34-96-P003-A	6.13	178 3-	1/0 ACSR 6/1	850	808	751	283	1140	26	12	0.01	3.18	5
34960012+	34960109	6.23	1 1-	2 ACSR 6/1	0	0	745	282	8	0	0	0.00	3.40	0
34960009+	34960109	6.24	177 3-	1/0 ACSR 6/1	844	802	745	282	1132	26	12	0.05	3.20	28
D39-05-P055+	34960009	6.24	18 1-	REC-50-E	0	0	745	282	96	6	13	0.00	5.40	0
39050081+	D39-05-P055	6.28	18 1-	2 ACSR 6/1	0	0	742	282	96	6	4	0.00	5.41	0
39050082+	39050081	6.31	17 1-	2 ACSR 6/1	0	0	740	282	93	6	4	0.00	5.41	0
39050020+	39050082	6.36	1 1-	2 ACSR 6/1	0	0	737	281	4	0	0	0.00	5.41	0
39050021+	39050082	6.40	15 1-	2 ACSR 6/1	0	0	734	281	78	5	3	0.01	5.42	0
39050083+	39050021	6.49	1 1-	2 ACSR 6/1	0	0	728	280	6	0	0	0.00	5.42	0
39050100+	39050021	6.44	12 1-	2 ACSR 6/1	0	0	731	280	52	3	2	0.00	5.42	0
39050079+	39050100	6.48	11 1-	2 ACSR 6/1	0	0	728	280	41	2	2	0.00	5.42	0
39050099+	39050079	6.53	10 1-	2 ACSR 6/1	0	0	725	279	41	2	2	0.00	5.42	0
39050097+	39050099	6.69	2 1-	2 ACSR 6/1	0	0	715	278	11	0	0	0.00	5.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
39050095+	39050099	6.62	8 1-	2 ACSR 6/1	0	0	719	278	30	2	1	0.00	5.42	0
39050096+	39050095	6.71	3 1-	2 ACSR 6/1	0	0	713	277	11	0	0	0.00	5.42	0
39050135+	39050021	6.45	2 1-	2 ACSR 6/1	0	0	730	280	21	1	1	0.00	5.42	0
39060059+	39050135	6.53	1 1-	2 ACSR 6/1	0	0	725	279	9	0	0	0.00	5.42	0
39050080+	34960009	6.33	159 3-	1/0 ACSR 6/1	839	797	740	282	1036	24	11	0.04	3.22	17
39050103+	39050080	6.40	158 3-	1/0 ACSR 6/1	836	794	736	281	1035	24	11	0.03	3.24	13
39050106+	39050103	6.45	1 1-	2 ACSR 6/1	0	0	732	281	8	0	0	0.00	5.47	0
39050104+	39050103	6.48	156 3-	1/0 ACSR 6/1	831	789	731	280	1018	24	11	0.03	3.26	16
D39-05-P051+	39050104	6.48	4 1-	REC-50-E	0	0	731	280	16	1	2	0.00	5.50	0
39050084+	D39-05-P051	6.60	4 1-	2 ACSR 6/1	0	0	722	279	16	1	1	0.00	5.50	0
39050085+	39050084	6.69	1 1-	2 ACSR 6/1	0	0	717	278	5	0	0	0.00	5.50	0
39050102+	39050104	6.55	151 3-	1/0 ACSR 6/1	828	785	727	280	992	23	10	0.03	3.27	12
39050101+	39050102	6.58	8 1-	2 ACSR 6/1	0	0	725	280	42	2	2	0.00	0.82	0
39050098+	39050101	6.61	6 1-	2 ACSR 6/1	0	0	722	279	25	1	1	0.00	0.82	0
D39-05-P037+	39050098	6.61	5 1-	REC-50-E	0	0	722	279	25	1	3	0.00	0.82	0
39050107+	D39-05-P037	6.80	5 1-	2 ACSR 6/1	0	0	710	277	25	1	1	0.00	0.82	0
34950016+	39050107	6.96	0 1-	2 ACSR 6/1	0	0	700	275	0	0	0	0.00	0.82	0
34950004+	39050107	6.86	5 1-	2 ACSR 6/1	0	0	706	276	25	1	1	0.00	0.83	0
34950013+	34950004	6.92	2 1-	2 ACSR 6/1	0	0	702	276	10	0	0	0.00	0.83	0
34950005+	34950004	6.95	3 1-	2 ACSR 6/1	0	0	701	276	15	0	1	0.00	0.83	0
34950014+	34950005	7.03	1 1-	2 ACSR 6/1	0	0	696	275	8	0	0	0.00	0.83	0
34950006+	34950005	7.08	2 1-	2 ACSR 6/1	0	0	693	274	7	0	0	0.00	0.83	0
34950015+	34950006	7.11	2 1-	2 ACSR 6/1	0	0	691	274	7	0	0	0.00	0.83	0
34950012+	34950006	7.13	0 1-	2 ACSR 6/1	0	0	689	274	0	0	0	0.00	0.83	0
39050086+	39050102	6.64	143 3-	1/0 ACSR 6/1	823	780	722	279	949	22	10	0.03	3.29	15
39050088+	39050086	6.70	139 3-	1/0 ACSR 6/1	820	777	718	279	930	22	10	0.02	3.30	11
39050090+	39050088	6.82	137 3-	1/0 ACSR 6/1	814	771	712	278	916	22	10	0.04	3.32	18
39050091+	39050090	6.85	136 3-	1/0 ACSR 6/1	813	769	710	278	908	21	10	0.01	3.33	4
39050092+	39050091	6.92	135 3-	1/0 ACSR 6/1	809	766	706	277	902	21	9	0.03	3.34	11
39050093+	39050092	6.98	134 3-	1/0 ACSR 6/1	806	763	703	277	897	21	9	0.02	3.35	9
39050094+	39050093	7.06	130 3-	1/0 ACSR 6/1	802	758	699	276	875	21	9	0.03	3.37	13
39150014+	39050094	7.13	4 1-	2 ACSR 6/1	0	0	694	275	34	2	1	0.00	0.85	0
39150016+	39150014	7.26	1 1-	2 ACSR 6/1	0	0	686	274	13	0	0	0.00	0.85	0
39150010+	39050094	7.09	126 3-	1/0 ACSR 6/1	800	757	697	276	841	20	9	0.01	3.37	4
39150011+	39150010	7.13	124 3-	1/0 ACSR 6/1	799	755	695	275	827	20	9	0.01	3.38	5
39050124+	39150011	7.16	2 1-	2 ACSR 6/1	0	0	693	275	20	1	1	0.00	3.55	0
39050121+	39150011	7.19	122 3-	1/0 ACSR 6/1	796	752	692	275	807	19	9	0.02	3.39	8
39050109+	39050121	7.21	122 3-	1/0 ACSR 6/1	795	751	691	275	807	19	9	0.01	3.39	3
39050136+	39050109	7.24	121 3-	1/0 ACSR 6/1	793	749	689	274	694	16	7	0.01	3.40	3
39050108+	39050136	7.26	121 3-	1/0 ACSR 6/1	793	748	688	274	694	16	7	0.00	3.40	0
39050120+	39050108	7.33	120 3-	1/0 ACSR 6/1	789	745	685	274	631	14	6	0.01	3.41	5
39050117+	39050120	7.36	1 1-	2 ACSR 6/1	0	0	683	273	1	0	0	0.00	5.78	0
39050118+	39050117	7.41	0 1-	2 ACSR 6/1	0	0	680	273	0	0	0	0.00	5.78	0
39050116+	39050118	7.43	0 1-	2 ACSR 6/1	0	0	678	273	0	0	0	0.00	5.78	0
39050018+	39050118	7.55	0 1-	2 ACSR 6/1	0	0	672	271	0	0	0	0.00	5.78	0
39050016+	39050120	7.40	119 3-	1/0 ACSR 6/1	786	741	681	273	630	14	6	0.01	3.42	5
D39-05-P012+	39050016	7.40	13 1-	REC-35-E	0	0	681	273	73	5	14	0.00	5.79	0
39050128+	D39-05-P012	7.42	13 1-	2 ACSR 6/1	0	0	680	273	73	5	3	0.00	5.79	0
39050132+	39050128	7.47	11 1-	2 ACSR 6/1	0	0	677	273	61	4	2	0.00	5.80	0
39050133+	39050132	7.50	8 1-	2 ACSR 6/1	0	0	675	272	47	3	2	0.00	5.80	0
39050134+	39050133	7.53	6 1-	2 ACSR 6/1	0	0	674	272	36	2	1	0.00	5.80	0
39050127+	39050134	7.56	5 1-	2 ACSR 6/1	0	0	672	272	30	2	1	0.00	5.80	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
39050113+	39050127	7.58	5 1-	2 ACSR 6/1	0	0	670	271	30	2	1	0.00	5.80	0
39050137+	39050113	7.62	2 1-	2 ACSR 6/1	0	0	668	271	10	0	0	0.00	5.80	0
39050114+	39050113	7.73	2 1-	2 ACSR 6/1	0	0	662	270	8	0	0	0.00	5.80	0
39050115+	39050114	7.78	1 1-	2 ACSR 6/1	0	0	659	269	4	0	0	0.00	5.80	0
39050129+	39050128	7.45	1 1-	2 ACSR 6/1	0	0	678	273	7	0	0	0.00	5.79	0
39050130+	39050129	7.48	0 1-	2 ACSR 6/1	0	0	676	272	0	0	0	0.00	5.79	0
39050131+	39050130	7.51	0 1-	2 ACSR 6/1	0	0	675	272	0	0	0	0.00	5.79	0
39050019+	39050016	7.54	106 3-	1/0 ACSR 6/1	779	735	674	272	557	12	6	0.01	3.43	7
D39-05-P009+	39050019	7.54	3 1-	FUS	0	0	674	272	22	1	34	0.00	3.62	0
39050105+	D39-05-P009	7.57	3 1-	2 ACSR 6/1	0	0	672	272	22	1	1	0.00	3.62	0
39050122+	39050105	7.67	2 1-	2 ACSR 6/1	0	0	667	271	14	0	1	0.00	3.62	0
39050123+	39050122	7.72	1 1-	2 ACSR 6/1	0	0	663	270	7	0	0	0.00	3.62	0
39050017+	39050105	7.68	1 1-	2 ACSR 6/1	0	0	666	271	8	0	0	0.00	3.62	0
39050110+	39050017	7.74	1 1-	2 ACSR 6/1	0	0	662	270	8	0	0	0.00	3.62	0
39050126+	39050019	7.62	101 3-	1/0 ACSR 6/1	776	731	670	272	513	11	5	0.00	3.44	3
39050119+	39050126	7.66	100 3-	1/0 ACSR 6/1	774	729	668	271	502	11	5	0.00	3.44	2
39050125+	39050119	7.72	99 3-	1/0 ACSR 6/1	771	726	665	271	490	11	5	0.00	3.45	2
39150013+	39050125	7.80	97 3-	1/0 ACSR 6/1	767	722	661	270	485	11	5	0.00	3.45	3
D39-15-P071+	39150013	7.80	17 1-	REC-50-E	0	0	661	270	141	9	19	0.00	3.65	0
39150017+	D39-15-P071	7.85	17 1-	2 ACSR 6/1	0	0	658	270	141	9	5	0.01	3.66	0
39150002+	39150017	7.89	17 1-	2 ACSR 6/1	0	0	656	269	141	9	5	0.01	3.67	0
39040007+	39150002	7.93	12 1-	2 ACSR 6/1	0	0	654	269	109	7	4	0.00	3.67	0
39140057+	39040007	8.00	11 1-	2 ACSR 6/1	0	0	650	268	101	6	4	0.01	3.68	0
39140058+	39140057	8.05	2 1-	2 ACSR 6/1	0	0	647	268	17	1	1	0.00	3.68	0
39140059+	39140057	8.08	9 1-	2 ACSR 6/1	0	0	646	267	84	5	3	0.01	3.68	0
39140060+	39140059	8.14	8 1-	2 ACSR 6/1	0	0	642	267	73	4	3	0.00	3.69	0
39140049+	39140060	8.26	6 1-	2 ACSR 6/1	0	0	636	265	52	3	2	0.01	3.69	0
39140052+	39140049	8.37	3 1-	2 ACSR 6/1	0	0	630	264	21	1	1	0.00	3.69	0
39140010+	39140049	8.31	2 1-	2 ACSR 6/1	0	0	634	265	20	1	1	0.00	3.69	0
39040006+	39140010	8.37	1 1-	2 ACSR 6/1	0	0	630	264	11	0	0	0.00	3.69	0
39040005+	39140010	8.42	1 1-	2 ACSR 6/1	0	0	628	264	9	0	0	0.00	3.69	0
39140051+	39140060	8.22	1 1-	2 ACSR 6/1	0	0	638	266	10	0	0	0.00	3.69	0
39140050+	39140060	8.20	1 1-	2 ACSR 6/1	0	0	639	266	11	0	0	0.00	3.69	0
39040008+	39150002	7.96	2 1-	2 ACSR 6/1	0	0	652	268	11	0	0	0.00	3.67	0
39150015+	39150013	7.87	77 3-	1/0 ACSR 6/1	764	719	658	270	326	7	3	0.00	3.46	1
39140075+	39150015	7.90	1 1-	2 ACSR 6/1	0	0	656	269	14	0	1	0.00	0.91	0
39140074+	39150015	7.90	75 3-	1/0 ACSR 6/1	763	717	656	269	301	6	3	0.00	3.46	0
39140082+	39140074	8.03	75 3-	1/0 ACSR 6/1	757	712	650	268	301	6	3	0.01	3.47	2
39140084+	39140082	8.07	1 1-	2 ACSR 6/1	0	0	649	268	5	0	0	0.00	5.82	0
D39-14-P132+	39140084	8.07	1 1-	FUS-50	0	0	649	268	5	0	1	0.00	5.82	0
39140081+	D39-14-P132	8.24	1 1-	2 ACSR 6/1	0	0	639	266	5	0	0	0.00	5.82	0
39140083+	39140082	8.10	74 3-	1/0 ACSR 6/1	754	709	647	268	296	6	3	0.00	3.47	0
39140079+	39140083	8.28	73 3-	1/0 ACSR 6/1	746	701	639	267	287	6	3	0.01	3.48	2
39140080+	39140079	8.33	72 3-	1/0 ACSR 6/1	744	698	637	266	287	6	3	0.00	3.48	0
39140073+	39140080	8.56	72 3-	1/0 ACSR 6/1	735	688	627	264	287	6	3	0.01	3.49	3
39140072+	39140073	8.64	70 3-	1/0 ACSR 6/1	731	685	623	264	281	6	3	0.00	3.50	0
39140071+	39140072	8.71	69 3-	1/0 ACSR 6/1	728	682	620	263	264	5	3	0.00	3.50	0
39140070+	39140071	8.74	3 1-	2 ACSR 6/1	0	0	619	263	19	1	1	0.00	5.85	0
39140012+	39140071	8.84	66 3-	1/0 ACSR 6/1	723	677	615	262	244	5	2	0.00	3.51	1
39140078+	39140012	8.95	16 1-	2 ACSR 6/1	0	0	609	261	97	6	4	0.01	0.97	0
D39-14-P022+	39140078	8.95	2 1-	REC-50-E	0	0	609	261	12	0	2	0.00	0.97	0
39140067+	D39-14-P022	8.97	2 1-	2 ACSR 6/1	0	0	609	261	12	0	0	0.00	0.97	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
39060023+	39060022	6.27	0 1-	2 ACSR 6/1	0	0	738	281	0	0	0	0.00	3.42	0
39060004+	39060016	6.21	2 1-	2 ACSR 6/1	0	0	742	281	18	1	1	0.00	3.42	0
39060002+	39060004	6.22	2 1-	2 ACSR 6/1	0	0	742	281	18	1	1	0.00	3.42	0
39060012+	39060024	6.27	1 1-	2 ACSR 6/1	0	0	738	281	8	0	0	0.00	3.42	0
39060025+	39060017	6.17	2 1-	2 ACSR 6/1	0	0	745	282	11	0	0	0.00	3.42	0
34960081+	34960007	6.04	1 1-	2 ACSR 6/1	0	0	754	283	6	0	0	0.00	3.41	0
34960084+	34960007	6.04	15 1-	2 ACSR 6/1	0	0	755	283	114	7	4	0.00	3.41	0
34960013+	34960084	6.07	10 1-	2 ACSR 6/1	0	0	752	283	75	5	3	0.00	3.41	0
39060005+	34960013	6.08	9 1-	2 ACSR 6/1	0	0	751	283	68	4	3	0.00	3.41	0
39060006+	39060005	6.11	7 1-	2 ACSR 6/1	0	0	749	283	57	3	2	0.00	3.41	0
39060007+	39060006	6.12	4 1-	2 ACSR 6/1	0	0	748	282	26	1	1	0.00	3.41	0
39060010+	39060007	6.15	2 1-	2 ACSR 6/1	0	0	747	282	10	0	0	0.00	3.41	0
39060011+	39060010	6.16	1 1-	2 ACSR 6/1	0	0	746	282	9	0	0	0.00	3.41	0
34960014+	34960084	6.08	4 1-	2 ACSR 6/1	0	0	752	283	30	2	1	0.00	3.41	0
39060008+	34960014	6.17	2 1-	2 ACSR 6/1	0	0	745	282	15	1	1	0.00	3.41	0
39060009+	34960014	6.10	0 1-	2 ACSR 6/1	0	0	750	283	0	0	0	0.00	3.41	0
34960083+	34960084	6.07	0 1-	2 ACSR 6/1	0	0	752	283	0	0	0	0.00	3.41	0
34960072+	34960071	5.32	2 1-	2 ACSR 6/1	0	0	804	290	17	1	1	0.00	0.61	0
34960110+	34960071	5.34	1 1-	2 ACSR 6/1	0	0	802	290	8	0	0	0.00	3.22	0
34870034+	34870033	4.72	2 1-	2 ACSR 6/1	0	0	848	295	8	0	0	0.00	2.99	0
34870162+	34870034	4.77	1 1-	2 ACSR 6/1	0	0	843	295	6	0	0	0.00	2.99	0
34870174+	34870034	4.76	1 1-	2 ACSR 6/1	0	0	844	295	2	0	0	0.00	2.99	0
34870139+	34870138	3.82	3 3-	1/0 ACSR 6/1	994	964	923	304	113	3	2	0.00	2.33	0
34870140+	34870139	3.86	3 3-	1/0 ACSR 6/1	991	961	919	303	113	3	2	0.00	2.34	0
34870144+	34870140	3.90	2 1-	2 ACSR 6/1	0	0	916	303	17	1	1	0.00	2.57	0
34870145+	34870144	3.92	1 1-	2 ACSR 6/1	0	0	913	302	10	0	0	0.00	2.57	0
34880005+	34880007	3.37	45 1-	2 ACSR 6/1	0	0	964	308	278	19	11	0.02	3.79	4
34870132+	34880005	3.41	1 1-	2 ACSR 6/1	0	0	959	307	14	0	1	0.00	3.79	0
34870131+	34880005	3.41	44 1-	2 ACSR 6/1	0	0	960	307	265	18	10	0.01	3.80	2
34870134+	34870131	3.44	41 1-	2 ACSR 6/1	0	0	956	307	240	16	9	0.01	3.81	2
34870183+	34870134	3.50	39 1-	2 ACSR 6/1	0	0	949	306	232	15	9	0.01	3.82	3
34870163+	34870183	3.56	38 1-	2 ACSR 6/1	0	0	944	305	228	15	9	0.01	3.83	2
D34-87-P062+	34870163	3.56	37 1-	RBC-50-E	0	0	944	305	217	14	30	0.00	3.83	0
34870164+	D34-87-P062	3.59	37 1-	2 ACSR 6/1	0	0	940	305	217	14	8	0.01	3.84	1
34870129+	34870164	3.62	14 1-	2 ACSR 6/1	0	0	937	304	87	5	3	0.00	3.84	0
34870135+	34870129	3.63	12 1-	2 ACSR 6/1	0	0	935	304	78	5	3	0.00	3.84	0
34870136+	34870135	3.68	11 1-	2 ACSR 6/1	0	0	930	304	70	4	3	0.00	3.84	0
34870192+	34870136	3.76	3 1-	2 ACSR 6/1	0	0	922	302	32	2	1	0.00	3.85	0
34870166+	34870192	3.88	2 1-	2 ACSR 6/1	0	0	910	301	17	1	1	0.00	3.85	0
34870191+	34870136	3.77	6 1-	2 ACSR 6/1	0	0	922	302	17	1	1	0.00	3.85	0
34870165+	34870191	3.80	3 1-	2 ACSR 6/1	0	0	918	302	13	0	0	0.00	3.85	0
34870130+	34870129	3.73	2 1-	2 ACSR 6/1	0	0	925	303	9	0	0	0.00	3.84	0
34870190+	34870164	3.67	20 1-	2 ACSR 6/1	0	0	931	304	113	7	4	0.01	3.85	0
34770024+	34870190	3.77	14 1-	2 ACSR 6/1	0	0	921	302	88	6	3	0.01	3.86	0
34770022+	34770024	3.81	11 1-	2 ACSR 6/1	0	0	917	302	71	4	3	0.00	3.86	0
34770021+	34770022	3.84	2 1-	2 ACSR 6/1	0	0	914	302	11	0	0	0.00	3.86	0
34770020+	34770022	3.90	8 1-	2 ACSR 6/1	0	0	908	301	40	2	2	0.00	3.86	0
34770019+	34770020	3.92	6 1-	2 ACSR 6/1	0	0	906	301	25	1	1	0.00	3.86	0
34770018+	34770019	4.07	0 1-	2 ACSR 6/1	0	0	891	299	0	0	0	0.00	3.86	0
34770016+	34770019	3.97	5 1-	2 ACSR 6/1	0	0	901	299	19	1	1	0.00	3.86	0
34770017+	34770016	4.03	2 1-	2 ACSR 6/1	0	0	894	299	11	0	0	0.00	3.86	0
34770015+	34770017	4.07	0 1-	2 ACSR 6/1	0	0	891	299	0	0	0	0.00	3.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
34770014+	34770017	4.08	1 1-	2 ACSR 6/1	0	0	890	299	3	0	0	0.00	3.86	0	
34770023+	34870190	3.77	0 1-	2 ACSR 6/1	0	0	921	302	0	0	0	0.00	3.85	0	
34770013+	34770023	3.80	0 1-	2 ACSR 6/1	0	0	918	302	0	0	0	0.00	3.85	0	
20850045+	34870190	3.69	3 1-	2 ACSR 6/1	0	0	929	303	15	1	1	0.00	3.85	0	
34770026+	20850045	3.72	2 1-	2 ACSR 6/1	0	0	926	303	7	0	0	0.00	3.85	0	
34880008+	34880007	3.34	3 1-	2 ACSR 6/1	0	0	967	308	11	0	0	0.00	2.31	0	
34880009+	34880008	3.38	2 1-	2 ACSR 6/1	0	0	963	307	5	0	0	0.00	2.31	0	
34780058+	34780057	2.55	1 1-	2 ACSR 6/1	0	0	1051	316	10	0	0	0.00	1.78	0	
34780047+	34780041	2.17	2 1-	2 ACSR 6/1	0	0	1095	319	17	1	1	0.00	2.45	0	
34780006+	34790003	1.98	2 1-	2 ACSR 6/1	0	0	1117	321	8	0	0	0.00	2.18	0	
34780034+	34780006	2.05	2 1-	2 ACSR 6/1	0	0	1108	320	8	0	0	0.00	2.18	0	
34780005+	34780006	2.08	0 1-	2 ACSR 6/1	0	0	1104	320	0	0	0	0.00	2.18	0	
34790017+	34690103	1.43	2 1-	2 ACSR 6/1	0	0	1192	327	6	0	0	0.00	1.57	0	
34690093+	34790017	1.46	2 1-	2 ACSR 6/1	0	0	1187	326	6	0	0	0.00	1.57	0	
34690101+	34690102	1.27	2 3-	1/0 ACSR 6/1	1206	1202	1215	329	16	0	0	0.00	0.82	0	
34690104+	34690101	1.34	1 1-	2 ACSR 6/1	0	0	1204	328	0	0	0	0.00	1.45	0	
34690094+	34690090	0.98	2 1-	2 ACSR 6/1	0	0	1260	332	20	1	1	0.00	1.10	0	
CKT 1	total losses:		\$9,759												
SUB 641, CKT 2															
BK641-02+	OVENFORK(641)	0.00	407 3-	BK64102	1340	1349	1427	343	4783	114	67	0.00	0.00	0	
34690030+	BK641-02	0.04	407 3-	1/0 ACSR 6/1	1336	1345	1420	342	4783	114	50	0.04	0.04	136	
34690075+	34690030	0.10	407 3-	1/0 ACSR 6/1	1328	1337	1408	341	4782	114	50	0.08	0.11	242	
34690076+	34690075	0.32	407 3-	1/0 ACSR 6/1	1304	1311	1368	339	4779	114	50	0.27	0.35	839	
35620014+	34690076	0.39	406 3-	1/0 ACSR 6/1	1297	1303	1357	338	4691	112	49	0.08	0.42	235	
35620015+	35620014	0.45	405 3-	1/0 ACSR 6/1	1290	1295	1345	338	4675	111	49	0.08	0.49	238	
35620016+	35620015	0.62	404 3-	1/0 ACSR 6/1	1273	1276	1318	336	4672	111	49	0.19	0.67	586	
35-62-P040-B+	35620016	0.62	404 3-	Closed	1273	1276	1318	336	4667	111	0	0.00	0.67	0	
35-62-P040-A+	35-62-P040-B	0.62	404 3-	Closed	1273	1276	1318	336	4667	111	0	0.00	0.67	0	
35620002+	35-62-P040-A	0.63	404 3-	1/0 ACSR 6/1	1271	1275	1315	336	4667	111	49	0.02	0.68	48	
35620018+	35620002	0.74	4 1-	2 ACSR 6/1	0	0	1296	334	28	1	1	0.00	0.63	0	
35620017+	35620018	0.82	2 1-	2 ACSR 6/1	0	0	1282	333	8	0	0	0.00	0.63	0	
35520070+	35620017	0.92	1 1-	2 ACSR 6/1	0	0	1264	331	5	0	0	0.00	0.63	0	
35620020+	35620002	0.77	400 3-	1/0 ACSR 6/1	1257	1259	1293	334	4639	111	48	0.16	0.83	486	
35520061+	35620020	1.11	396 3-	1/0 ACSR 6/1	1223	1221	1240	330	4618	110	48	0.40	1.19	1197	
35520062+	35520061	1.16	395 3-	1/0 ACSR 6/1	1217	1214	1232	330	4594	110	48	0.06	1.24	194	
35-52-P011-B+	35520062	1.16	395 3-	Closed	1217	1214	1232	330	4592	110	0	0.00	1.24	0	
35-52-P011-A+	35-52-P011-B	1.16	395 3-	Closed	1217	1214	1232	330	4592	110	0	0.00	1.24	0	
35520063+	35-52-P011-A	1.18	395 3-	1/0 ACSR 6/1	1216	1212	1229	330	4592	110	48	0.02	1.26	61	
35520038+	35520063	1.22	389 3-	1/0 ACSR 6/1	1212	1208	1223	329	4559	109	48	0.05	1.30	139	
35520040+	35520038	1.35	386 3-	1/0 ACSR 6/1	1199	1194	1204	328	4541	109	48	0.15	1.44	451	
35520041+	35520040	1.42	1 1-	2 ACSR 6/1	0	0	1193	327	6	0	0	0.00	1.33	0	
35520042+	35520040	1.46	385 3-	1/0 ACSR 6/1	1189	1182	1189	327	4530	109	48	0.12	1.55	371	
35520043+	35520042	1.55	385 3-	1/0 ACSR 6/1	1180	1173	1177	326	4527	109	48	0.10	1.64	299	
35520045+	35520043	1.62	384 3-	1/0 ACSR 6/1	1174	1165	1167	325	4514	109	47	0.08	1.72	239	
35520048+	35520045	1.67	378 3-	1/0 ACSR 6/1	1169	1160	1160	325	4480	108	47	0.06	1.78	191	
35520051+	35520048	1.78	378 3-	1/0 ACSR 6/1	1159	1149	1146	324	4478	108	47	0.12	1.88	348	
D35-52-P045+	35520051	1.78	2 1-	FUS	0	0	1146	324	25	1	39	0.00	2.07	0	
35520037+	D35-52-P045	1.85	2 1-	2 ACSR 6/1	0	0	1135	322	25	1	1	0.00	2.07	0	
35520049+	35520037	1.96	1 1-	2 ACSR 6/1	0	0	1119	321	12	0	0	0.00	2.07	0	
35520050+	35520051	1.81	372 3-	1/0 ACSR 6/1	1156	1145	1141	323	4428	107	47	0.04	1.92	127	
35520052+	35520050	1.87	371 3-	1/0 ACSR 6/1	1151	1140	1134	323	4419	107	47	0.06	1.97	170	

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
35520054+	35520052	1.93	368 3-	1/0 ACSR 6/1	1145	1133	1126	322	4388	106	46	0.07	2.04	212
35-52-P042-B+	35520054	1.93	368 3-	Closed	1145	1133	1126	322	4386	106	0	0.00	2.04	0
35-52-P042-A+	35-52-P042-B	1.93	368 3-	Closed	1145	1133	1126	322	4386	106	0	0.00	2.04	0
35520057+	35-52-P042-A	1.94	368 3-	1/0 ACSR 6/1	1144	1132	1124	322	4386	106	46	0.01	2.05	40
35520056+	35520057	2.02	360 3-	1/0 ACSR 6/1	1137	1124	1115	321	4328	105	46	0.08	2.13	234
35520068+	35520056	2.09	359 3-	1/0 ACSR 6/1	1131	1117	1106	320	4316	105	46	0.08	2.20	239
35520058+	35520068	2.29	359 3-	1/0 ACSR 6/1	1114	1098	1082	318	4314	105	46	0.21	2.40	620
35530104+	35520058	2.35	357 3-	1/0 ACSR 6/1	1108	1091	1074	318	4293	104	46	0.07	2.47	213
35530139+	35530104	2.41	352 3-	1/0 ACSR 6/1	1103	1086	1067	317	4245	103	45	0.06	2.53	186
35530110+	35530139	2.48	351 3-	1/0 ACSR 6/1	1098	1080	1060	316	4233	103	45	0.07	2.59	191
35530111+	35530110	2.58	350 3-	1/0 ACSR 6/1	1089	1070	1048	315	4223	103	45	0.11	2.69	319
35530112+	35530111	2.70	347 3-	1/0 ACSR 6/1	1079	1059	1035	314	4206	103	45	0.12	2.81	357
35530125+	35530112	2.88	341 3-	1/0 ACSR 6/1	1065	1043	1015	313	4183	102	45	0.19	2.99	546
35530126+	35530125	2.92	340 3-	1/0 ACSR 6/1	1061	1039	1010	312	4164	102	45	0.05	3.03	134
35530127+	35530126	3.05	338 3-	1/0 ACSR 6/1	1051	1027	997	311	4154	102	44	0.14	3.16	388
35530129+	35530127	3.13	335 3-	1/0 ACSR 6/1	1045	1021	989	310	4135	102	44	0.08	3.23	232
35530088+	35530129	3.23	2 1-	2 ACSR 6/1	0	0	977	309	11	0	0	0.00	3.03	0
35630041+	35530088	3.28	1 1-	2 ACSR 6/1	0	0	972	308	11	0	0	0.00	3.04	0
35530130+	35530129	3.20	332 3-	1/0 ACSR 6/1	1039	1015	982	309	4110	101	44	0.08	3.30	214
35530131+	35530130	3.24	331 3-	1/0 ACSR 6/1	1036	1011	978	309	4090	101	44	0.04	3.34	116
35530132+	35530131	3.41	329 3-	1/0 ACSR 6/1	1024	997	961	307	4075	100	44	0.18	3.51	494
35530141+	35530132	3.61	329 3-	1/0 ACSR 6/1	1009	981	942	306	4070	100	44	0.20	3.70	568
35530033+	35530141	3.78	108 3-	1/0 ACSR 6/1	996	967	926	304	2589	73	32	0.15	3.83	284
35530109+	35530033	3.86	105 3-	1/0 ACSR 6/1	991	961	919	303	2569	73	32	0.07	3.89	122
35530106+	35530109	3.94	15 1-	2 ACSR 6/1	0	0	912	302	1057	7	4	0.01	3.68	0
35530108+	35530106	3.99	2 1-	2 ACSR 6/1	0	0	906	302	10	0	0	0.00	3.68	0
35530097+	35530108	4.03	1 1-	2 ACSR 6/1	0	0	902	301	4	0	0	0.00	3.68	0
35530107+	35530106	3.97	1 1-	2 ACSR 6/1	0	0	908	302	4	0	0	0.00	3.68	0
35530102+	35530106	3.96	9 1-	2 ACSR 6/1	0	0	909	302	82	5	3	0.00	3.68	0
35530133+	35530102	4.01	8 1-	2 ACSR 6/1	0	0	904	301	76	5	3	0.00	3.69	0
35540017+	35530133	4.07	7 1-	2 ACSR 6/1	0	0	898	301	73	4	3	0.00	3.69	0
D35-54-P024+	35540017	4.07	7 1-	REC-25-E	0	0	898	301	73	4	20	0.00	3.69	0
35540018+	D35-54-P024	4.12	7 1-	2 ACSR 6/1	0	0	893	300	73	4	3	0.00	3.69	0
35540027+	35540018	4.29	6 1-	2 ACSR 6/1	0	0	877	298	61	4	2	0.01	3.70	0
35540028+	35540027	4.56	5 1-	2 ACSR 6/1	0	0	852	295	53	3	2	0.01	3.72	0
35540019+	35540028	4.61	4 1-	2 ACSR 6/1	0	0	848	294	52	3	2	0.00	3.72	0
35540020+	35540019	4.68	3 1-	2 ACSR 6/1	0	0	841	293	42	2	2	0.00	3.72	0
35540021+	35540020	4.77	2 1-	2 ACSR 6/1	0	0	833	292	24	1	1	0.00	3.73	0
35540023+	35540021	4.80	2 1-	2 ACSR 6/1	0	0	831	292	24	1	1	0.00	3.73	0
35540024+	35540023	4.85	2 1-	2 ACSR 6/1	0	0	826	291	24	1	1	0.00	3.73	0
35540025+	35540024	4.97	1 1-	2 ACSR 6/1	0	0	816	290	10	0	0	0.00	3.73	0
35540022+	35540021	4.81	0 1-	2 ACSR 6/1	0	0	830	292	0	0	0	0.00	3.73	0
35530098+	35530109	3.95	83 3-	1/0 ACSR 6/1	984	954	911	302	2430	70	31	0.08	3.95	129
35530099+	35530098	3.99	81 3-	1/0 ACSR 6/1	982	951	908	302	2348	69	30	0.03	3.98	53
35530100+	35530099	4.02	80 3-	1/0 ACSR 6/1	979	948	905	302	2347	69	30	0.03	4.00	48
35530101+	35530100	4.06	1 1-	2 ACSR 6/1	0	0	901	301	9	0	0	0.00	4.38	0
35530029+	35530100	4.19	54 3-	1/0 ACSR 6/1	968	936	891	300	2104	64	28	0.11	4.11	194
D35-53-P067+	35530029	4.19	54 3-	REC-50-E	968	936	891	300	2103	64	129	0.00	4.11	0
35530087+	D35-53-P067	4.44	54 3-	1/0 ACSR 6/1	951	917	878	298	2103	64	28	0.17	4.28	309
35630033+	35530087	4.68	3 1-	2 ACSR 6/1	0	0	840	295	17	1	1	0.00	4.07	0
35630034+	35630033	4.73	2 1-	2 ACSR 6/1	0	0	844	294	17	1	1	0.00	4.07	0
35630035+	35630034	4.80	1 1-	2 ACSR 6/1	0	0	838	294	14	0	1	0.00	4.07	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
35630032+	35530087	4.61	50 3-	1/0 ACSR	6/1	940	905	856	296	2075	63	28	0.12	4.39	201
35630031+	35630032	4.66	47 3-	1/0 ACSR	6/1	937	902	853	296	2067	63	28	0.03	4.42	48
35630030+	35630031	4.75	46 3-	1/0 ACSR	6/1	931	895	846	295	2058	63	28	0.07	4.48	116
35630029+	35630030	4.96	44 3-	1/0 ACSR	6/1	918	881	830	293	2046	63	28	0.14	4.61	242
35630028+	35630029	4.99	0 1-	2 ACSR	6/1	0	0	827	293	0	0	0	0.00	4.35	0
35630027+	35630029	5.02	42 3-	1/0 ACSR	6/1	914	877	826	293	2034	63	28	0.04	4.65	67
35630026+	35630027	5.06	41 3-	1/0 ACSR	6/1	912	875	823	292	2024	63	27	0.03	4.68	44
35630025+	35630026	5.10	40 3-	1/0 ACSR	6/1	909	872	820	292	2011	62	27	0.03	4.70	44
35630024+	35630025	5.13	37 3-	1/0 ACSR	6/1	908	870	818	292	1987	62	27	0.02	4.72	33
35630040+	35630024	5.18	36 3-	1/0 ACSR	6/1	904	867	814	291	1975	62	27	0.04	4.75	61
35630039+	35630040	5.21	34 3-	1/0 ACSR	6/1	903	865	812	291	1968	62	27	0.02	4.77	31
35630038+	35630039	5.24	33 3-	1/0 ACSR	6/1	901	863	810	291	1961	62	27	0.02	4.79	29
35630037+	35630038	5.31	0 1-	2 ACSR	6/1	0	0	804	290	0	0	0	0.00	4.49	0
35630036+	35630038	5.28	32 3-	1/0 ACSR	6/1	898	860	807	291	1947	61	27	0.03	4.82	48
35630023+	35630036	5.31	30 3-	1/0 ACSR	6/1	897	858	805	290	1930	61	27	0.02	4.84	32
35730029+	35630023	5.35	27 3-	1/0 ACSR	6/1	894	856	802	290	1919	61	27	0.03	4.86	45
35730030+	35730029	5.38	26 3-	1/0 ACSR	6/1	892	854	800	290	1909	61	27	0.02	4.88	28
35730031+	35730030	5.42	25 3-	2 ACSR	6/1	890	851	797	289	1901	60	34	0.03	4.91	67
35730025+	35730031	5.47	24 3-	2 ACSR	6/1	886	847	793	289	1891	60	34	0.04	4.95	89
35730026+	35730025	5.50	20 3-	2 ACSR	6/1	884	845	791	288	1861	60	33	0.02	4.98	50
35730027+	35730026	5.54	19 3-	2 ACSR	6/1	881	842	787	288	1851	60	33	0.04	5.01	72
35730008+	35730027	5.59	11 3-	2 ACSR	6/1	878	838	784	287	1784	58	33	0.04	5.05	75
35730033+	35730008	5.88	9 3-	2 ACSR	6/1	858	817	762	284	1765	58	33	0.22	5.28	451
35730036+	35730033	5.89	2 3-	2 ACSR	6/1	858	816	761	284	1709	57	32	0.01	5.28	19
35730430+	35730036	5.89	2 3-	Consumer		858	816	761	284	1709	57	0	0.00	5.28	0
35730035+	35730033	5.94	7 1-	2 ACSR	6/1	0	0	758	283	52	3	2	0.00	5.19	0
D35-73-P037+	35730035	5.94	7 1-	REC-25-E		0	0	758	283	52	3	14	0.00	5.19	0
35730032+	D35-73-P037	6.11	7 1-	2 ACSR	6/1	0	0	745	281	52	3	2	0.01	5.20	0
35730009+	35730032	6.21	7 1-	2 ACSR	6/1	0	0	738	280	52	3	2	0.00	5.21	0
35730010+	35730009	6.28	7 1-	2 ACSR	6/1	0	0	733	279	52	3	2	0.00	5.21	0
35730012+	35730010	6.34	1 1-	2 ACSR	6/1	0	0	729	279	15	1	1	0.00	5.21	0
35730011+	35730010	6.37	5 1-	2 ACSR	6/1	0	0	727	278	27	1	1	0.00	5.21	0
35740003+	35730011	6.47	3 1-	2 ACSR	6/1	0	0	721	277	21	1	1	0.00	5.21	0
35740005+	35740003	6.52	1 1-	2 ACSR	6/1	0	0	717	277	11	0	0	0.00	5.22	0
35740006+	35740005	6.57	0 1-	2 ACSR	6/1	0	0	714	276	0	0	0	0.00	5.22	0
35740004+	35740003	6.69	0 1-	2 ACSR	6/1	0	0	706	275	0	0	0	0.00	5.21	0
35740001+	35730011	6.41	2 1-	2 ACSR	6/1	0	0	724	278	6	0	0	0.00	5.21	0
35740002+	35740001	6.45	1 1-	2 ACSR	6/1	0	0	722	278	2	0	0	0.00	5.21	0
35730028+	35730027	5.59	7 1-	2 ACSR	6/1	0	0	783	287	51	3	2	0.00	4.92	0
35730003+	35730028	5.77	6 1-	2 ACSR	6/1	0	0	770	285	47	3	2	0.01	4.92	0
35730014+	35730003	5.82	2 1-	2 ACSR	6/1	0	0	766	285	27	1	1	0.00	4.93	0
35730015+	35730014	5.86	1 1-	2 ACSR	6/1	0	0	763	284	8	0	0	0.00	4.93	0
35730013+	35730014	5.96	1 1-	2 ACSR	6/1	0	0	756	283	19	1	1	0.00	4.93	0
35730004+	35730003	5.82	2 1-	2 ACSR	6/1	0	0	766	285	10	0	0	0.00	4.92	0
35730005+	35730004	5.95	0 1-	2 ACSR	6/1	0	0	756	283	0	0	0	0.00	4.92	0
35730006+	35730025	5.51	4 1-	2 ACSR	6/1	0	0	790	288	29	2	1	0.00	5.37	0
35730007+	35730006	5.53	3 1-	2 ACSR	6/1	0	0	788	288	24	1	1	0.00	5.37	0
35530028+	35530100	4.06	25 1-	2 ACSR	6/1	0	0	902	301	234	16	9	0.01	4.39	1
D35-53-P075+	35530028	4.06	25 1-	REC-50-E		0	0	902	301	234	16	32	0.00	4.39	0
35530027+	D35-53-P075	4.16	25 1-	2 ACSR	6/1	0	0	891	300	234	16	9	0.03	4.41	5
35540016+	35530027	4.25	24 1-	2 ACSR	6/1	0	0	883	299	218	14	8	0.02	4.43	4
35640021+	35540016	4.44	24 1-	2 ACSR	6/1	0	0	865	297	218	14	8	0.04	4.47	7

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
35640022+	35640021	4.51	22 1-	2 ACSR 6/1	0	0	859	296	206	14	8	0.01	4.49	2
35640023+	35640022	4.55	21 1-	2 ACSR 6/1	0	0	855	295	200	13	8	0.01	4.49	1
35640024+	35640023	4.59	20 1-	2 ACSR 6/1	0	0	851	295	191	13	7	0.01	4.50	1
35640025+	35640024	4.75	19 1-	2 ACSR 6/1	0	0	837	293	181	12	7	0.03	4.53	4
35640028+	35640025	4.84	16 1-	2 ACSR 6/1	0	0	829	292	148	10	6	0.01	4.54	2
35640032+	35640028	4.89	14 1-	2 ACSR 6/1	0	0	825	291	134	9	5	0.01	4.55	0
35640033+	35640032	4.95	13 1-	2 ACSR 6/1	0	0	820	290	126	8	5	0.01	4.56	0
35640034+	35640033	5.00	13 1-	2 ACSR 6/1	0	0	816	290	126	8	5	0.01	4.56	0
35640035+	35640034	5.03	1 1-	2 ACSR 6/1	0	0	813	289	10	0	0	0.00	4.56	0
35640036+	35640035	5.06	1 1-	2 ACSR 6/1	0	0	810	289	10	0	0	0.00	4.56	0
35640003+	35640034	5.15	12 1-	2 ACSR 6/1	0	0	803	288	116	8	4	0.02	4.58	2
35640004+	35640003	5.21	11 1-	2 ACSR 6/1	0	0	798	287	111	7	4	0.01	4.59	0
35640030+	35640004	5.48	11 1-	2 ACSR 6/1	0	0	777	284	111	7	4	0.03	4.62	3
35640031+	35640030	5.56	11 1-	2 ACSR 6/1	0	0	771	283	111	7	4	0.01	4.63	0
35640029+	35640031	5.60	11 1-	2 ACSR 6/1	0	0	768	283	111	7	4	0.00	4.63	0
35650020+	35640029	5.66	10 1-	2 ACSR 6/1	0	0	763	282	100	6	4	0.01	4.64	0
35650023+	35650020	5.69	9 1-	2 ACSR 6/1	0	0	761	282	88	6	3	0.00	4.64	0
35650024+	35650023	5.71	8 1-	2 ACSR 6/1	0	0	760	282	71	4	3	0.00	4.64	0
35650022+	35650024	5.75	7 1-	2 ACSR 6/1	0	0	757	281	56	3	2	0.00	4.64	0
35650016+	35650022	5.77	6 1-	2 ACSR 6/1	0	0	755	281	45	3	2	0.00	4.64	0
35650017+	35650016	5.80	5 1-	2 ACSR 6/1	0	0	753	281	45	3	2	0.00	4.64	0
35650018+	35650017	5.82	4 1-	2 ACSR 6/1	0	0	751	280	32	2	1	0.00	4.64	0
35650013+	35650018	5.87	3 1-	2 ACSR 6/1	0	0	748	280	23	1	1	0.00	4.65	0
35650019+	35650013	5.90	1 1-	2 ACSR 6/1	0	0	746	280	11	0	0	0.00	4.65	0
35650014+	35650013	5.93	0 1-	2 ACSR 6/1	0	0	743	279	0	0	0	0.00	4.65	0
35650021+	35650024	5.76	1 1-	2 ACSR 6/1	0	0	756	281	15	1	1	0.00	4.64	0
35640026+	35640025	4.81	2 1-	2 ACSR 6/1	0	0	832	292	22	1	1	0.00	4.53	0
35640027+	35640026	4.85	1 1-	2 ACSR 6/1	0	0	828	292	12	0	0	0.00	4.53	0
35540015+	35530027	4.25	1 1-	2 ACSR 6/1	0	0	883	299	16	1	1	0.00	4.41	0
35530140+	35530033	3.83	3 1-	2 ACSR 6/1	0	0	921	303	17	1	1	0.00	4.18	0
35530089+	35530141	3.66	221 3-	1/0 ACSR 6/1	1005	976	937	305	1476	33	15	0.01	3.71	21
C35-53-P140+	35530089	3.66	0 3-	Capacitor	1005	976	937	305	0	-7	0	0.00	3.71	0
35530090+	35530089	3.68	220 3-	1/0 ACSR 6/1	1003	975	935	305	1475	33	15	0.00	3.71	8
D35-53-P103+	35530090	3.68	220 3-	REC-70-E	1003	975	935	305	1475	33	15	0.00	3.71	0
35530030+	D35-53-P103	3.69	220 3-	1/0 ACSR 6/1	1003	974	934	305	1475	33	15	0.00	3.72	3
35530119+	35530030	3.73	5 1-	2 ACSR 6/1	0	0	930	304	83	5	3	0.00	3.64	0
35530120+	35530119	3.77	4 1-	2 ACSR 6/1	0	0	926	304	75	5	3	0.00	3.64	0
35530135+	35530120	3.81	2 1-	2 ACSR 6/1	0	0	922	303	24	1	1	0.00	3.64	0
35530136+	35530135	3.85	1 1-	2 ACSR 6/1	0	0	918	303	10	0	0	0.00	3.64	0
35530134+	35530120	3.79	1 1-	2 ACSR 6/1	0	0	924	303	43	2	2	0.00	3.64	0
35530032+	35530030	3.85	215 3-	1/0 ACSR 6/1	992	962	920	303	1392	31	14	0.04	3.76	50
35530091+	35530032	3.98	4 1-	2 ACSR 6/1	0	0	907	302	26	1	1	0.00	3.70	0
35530031+	35530032	4.00	211 3-	1/0 ACSR 6/1	981	950	907	302	1366	31	14	0.04	3.79	48
35530092+	35530031	4.12	4 1-	2 ACSR 6/1	0	0	895	300	44	2	2	0.00	3.51	0
35530093+	35530092	4.19	3 1-	2 ACSR 6/1	0	0	889	300	37	2	1	0.00	3.51	0
35530094+	35530093	4.28	1 1-	2 ACSR 6/1	0	0	879	298	12	0	0	0.00	3.51	0
35530095+	35530031	4.06	207 3-	1/0 ACSR 6/1	977	945	902	301	1322	30	13	0.02	3.81	18
35530096+	35530095	4.14	206 3-	1/0 ACSR 6/1	972	940	895	301	1315	30	13	0.02	3.83	21
35530113+	35530096	4.19	204 3-	1/0 ACSR 6/1	968	936	891	300	1305	29	13	0.01	3.84	17
35530115+	35530113	4.25	202 3-	1/0 ACSR 6/1	964	931	886	300	1288	29	13	0.01	3.85	17
35530117+	35530115	4.31	201 3-	1/0 ACSR 6/1	960	927	881	299	1280	29	13	0.01	3.87	17
35530118+	35530117	4.42	200 3-	1/0 ACSR 6/1	952	919	872	298	1277	29	13	0.03	3.89	32

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851654+	35530118	4.48	9 1-	2 ACSR 6/1	0	0	867	297	76	5	3	0.00	3.54	0
D35-43-P011+	20851654	4.48	8 1-	FUS	0	0	867	297	68	4	106	0.00	3.54	0
35430010+	D35-43-P011	4.51	8 1-	2 ACSR 6/1	0	0	863	297	68	4	3	0.00	3.54	0
20851831+	35430010	4.60	2 1-	2 ACSR 6/1	0	0	855	296	11	0	0	0.00	3.54	0
20851655+	35430010	4.59	5 1-	2 ACSR 6/1	0	0	857	296	39	2	1	0.00	3.55	0
20851656+	20851655	4.65	3 1-	2 ACSR 6/1	0	0	851	295	29	1	1	0.00	3.55	0
35430009+	20851656	4.68	2 1-	2 ACSR 6/1	0	0	848	295	19	1	1	0.00	3.55	0
35430006+	35430009	4.73	1 1-	2 ACSR 6/1	0	0	843	294	17	1	1	0.00	3.55	0
35430007+	35430009	4.76	1 1-	2 ACSR 6/1	0	0	841	294	2	0	0	0.00	3.55	0
35430008+	35430007	4.93	1 1-	2 ACSR 6/1	0	0	826	292	2	0	0	0.00	3.55	0
20851652+	35530118	4.47	191 3-	1/0 ACSR 6/1	949	915	868	298	1200	27	12	0.01	3.90	12
20850104+	20851652	4.61	187 3-	1/0 ACSR 6/1	940	905	857	296	1174	26	12	0.03	3.93	38
20850023+	20850104	4.66	1 1-	2 ACSR 6/1	0	0	852	296	9	0	0	0.00	4.27	0
20850105+	20850104	4.73	184 3-	1/0 ACSR 6/1	932	897	847	295	1150	26	11	0.03	3.96	32
20850024+	20850105	4.81	182 3-	1/0 ACSR 6/1	927	891	841	295	1144	26	11	0.02	3.98	21
20850203+	20850024	4.88	12 1-	2 ACSR 6/1	0	0	835	294	84	5	3	0.01	4.32	0
D35-44-P006+	20850203	4.88	11 1-	REC-25-E	0	0	835	294	74	5	20	0.00	4.32	0
20851834+	D35-44-P006	4.94	11 1-	2 ACSR 6/1	0	0	830	293	74	5	3	0.00	4.33	0
20851835+	20851834	5.03	10 1-	2 ACSR 6/1	0	0	822	292	56	3	2	0.01	4.33	0
20851839+	20851835	5.12	7 1-	2 ACSR 6/1	0	0	815	291	36	2	1	0.00	4.33	0
35440024+	20851839	5.15	1 1-	2 ACSR 6/1	0	0	812	291	5	0	0	0.00	4.33	0
20851840+	20851839	5.31	6 1-	2 ACSR 6/1	0	0	799	289	32	2	1	0.01	4.34	0
20851841+	20851840	5.34	4 1-	2 ACSR 6/1	0	0	797	288	31	2	1	0.00	4.34	0
20851842+	20851841	5.40	3 1-	2 ACSR 6/1	0	0	792	288	25	1	1	0.00	4.34	0
20851843+	20851842	5.44	1 1-	2 ACSR 6/1	0	0	789	287	6	0	0	0.00	4.34	0
35440027+	20851843	5.58	0 1-	2 ACSR 6/1	0	0	778	286	0	0	0	0.00	4.34	0
35440028+	20851840	5.39	2 1-	2 ACSR 6/1	0	0	793	288	0	0	0	0.00	4.34	0
35440029+	35440028	5.42	1 1-	2 ACSR 6/1	0	0	791	287	0	0	0	0.00	4.34	0
35440030+	35440029	5.46	1 1-	2 ACSR 6/1	0	0	787	287	0	0	0	0.00	4.34	0
20851838+	20851835	5.09	1 1-	2 ACSR 6/1	0	0	818	291	8	0	0	0.00	4.33	0
20851837+	20851835	5.09	1 1-	2 ACSR 6/1	0	0	818	291	1	0	0	0.00	4.33	0
20851836+	20851835	5.23	1 1-	2 ACSR 6/1	0	0	806	290	10	0	0	0.00	4.33	0
20850025+	20850024	4.92	169 3-	1/0 ACSR 6/1	921	884	833	294	1050	24	10	0.02	4.00	22
35440004+	20850025	4.99	3 1-	2 ACSR 6/1	0	0	827	293	24	1	1	0.00	4.11	0
35440026+	35440004	5.04	2 1-	2 ACSR 6/1	0	0	823	292	5	0	0	0.00	4.11	0
35440026+	35440026	5.06	1 1-	2 ACSR 6/1	0	0	821	292	5	0	0	0.00	4.11	0
20850103+	35440004	5.01	1 1-	2 ACSR 6/1	0	0	825	293	19	1	1	0.00	4.11	0
35440038+	20850025	5.02	166 3-	1/0 ACSR 6/1	914	877	826	293	1025	23	10	0.02	4.02	21
35440039+	35440038	5.08	165 3-	1/0 ACSR 6/1	910	873	821	292	1017	23	10	0.01	4.03	13
35440037+	35440039	5.14	0 1-	2 ACSR 6/1	0	0	816	292	0	0	0	0.00	4.17	0
35440036+	35440039	5.15	165 3-	1/0 ACSR 6/1	906	869	817	292	1017	23	10	0.01	4.04	12
35440035+	35440036	5.34	163 3-	1/0 ACSR 6/1	895	856	803	290	1015	23	10	0.03	4.08	39
D35-44-P039+	35440035	5.34	3 1-	FUS	0	0	803	290	20	1	31	0.00	3.56	0
35440023+	D35-44-P039	5.44	3 1-	2 ACSR 6/1	0	0	795	289	20	1	1	0.00	3.56	0
35440034+	35440023	5.47	2 1-	2 ACSR 6/1	0	0	792	288	16	1	1	0.00	3.57	0
35440032+	35440035	5.43	160 3-	1/0 ACSR 6/1	889	851	797	289	995	22	10	0.01	4.09	18
35440033+	35440032	5.52	159 3-	1/0 ACSR 6/1	884	845	791	288	990	22	10	0.01	4.11	17
20850204+	35440033	5.59	1 1-	2 ACSR 6/1	0	0	785	288	4	0	0	0.00	4.33	0
35440031+	35440033	5.61	158 3-	1/0 ACSR 6/1	879	840	785	288	986	22	10	0.01	4.12	17
35440040+	35440031	5.63	2 1-	2 ACSR 6/1	0	0	783	287	9	0	0	0.00	4.36	0
35440025+	35440031	5.69	154 3-	1/0 ACSR 6/1	874	835	780	287	965	22	10	0.01	4.14	15
20851833+	35440025	5.97	153 3-	1/0 ACSR 6/1	859	818	761	285	955	21	10	0.05	4.19	52

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
35460019+	35460018	8.33	107 3-	1/0 ACSR 6/1	744	698	637	266	701	16	7	0.01	4.53	6
20850008+	35460019	8.38	2 1-	2 ACSR 6/1	0	0	634	266	22	1	1	0.00	4.83	0
35460020+	20850008	8.42	1 1-	2 ACSR 6/1	0	0	632	265	15	1	1	0.00	4.83	0
35460021+	35460019	8.39	105 3-	1/0 ACSR 6/1	742	696	634	266	678	15	7	0.01	4.54	7
20850146+	35460021	8.49	104 3-	1/0 ACSR 6/1	738	691	630	265	674	15	7	0.01	4.55	11
35460056+	20850146	8.50	57 1-	2 ACSR 6/1	0	0	629	265	372	25	14	0.01	5.28	2
35460057+	35460056	8.56	57 1-	2 ACSR 6/1	0	0	626	264	371	25	14	0.02	5.30	7
D35-46-P034+	35460057	8.56	57 1-	REC-25-E	0	0	626	264	371	25	103	0.00	5.30	0
35460058+	D35-46-P034	8.71	57 1-	2 ACSR 6/1	0	0	618	263	371	25	14	0.06	5.36	17
35460061+	35460058	8.78	4 1-	2 ACSR 6/1	0	0	615	262	37	2	1	0.00	5.36	0
35460062+	35460061	8.84	2 1-	2 ACSR 6/1	0	0	612	261	24	1	1	0.00	5.36	0
35460063+	35460062	8.88	1 1-	2 ACSR 6/1	0	0	610	261	14	0	1	0.00	5.36	0
35460059+	35460058	8.75	52 1-	2 ACSR 6/1	0	0	617	262	325	22	13	0.01	5.37	3
35460049+	35460059	8.78	50 1-	2 ACSR 6/1	0	0	615	262	305	21	12	0.01	5.38	2
35460051+	35460049	8.84	48 1-	2 ACSR 6/1	0	0	612	261	289	20	11	0.02	5.40	5
35460050+	35460051	8.90	46 1-	2 ACSR 6/1	0	0	609	261	271	18	10	0.02	5.41	4
35460053+	35460050	8.94	45 1-	2 ACSR 6/1	0	0	607	261	263	18	10	0.01	5.42	2
35460055+	35460053	8.99	1 1-	2 ACSR 6/1	0	0	605	260	9	0	0	0.00	5.42	0
35460060+	35460055	9.07	1 1-	2 ACSR 6/1	0	0	601	259	9	0	0	0.00	5.42	0
35460054+	35460053	8.99	40 1-	2 ACSR 6/1	0	0	605	260	236	16	9	0.01	5.43	2
35460023+	35460054	9.04	30 1-	2 ACSR 6/1	0	0	603	260	166	11	6	0.01	5.44	0
35470030+	35460023	9.07	26 1-	2 ACSR 6/1	0	0	601	259	148	10	6	0.01	5.45	0
35470029+	35470030	9.11	25 1-	2 ACSR 6/1	0	0	599	259	138	9	5	0.01	5.45	0
35470039+	35470029	9.17	22 1-	2 ACSR 6/1	0	0	597	258	125	8	5	0.01	5.46	0
35570020+	35470039	9.25	20 1-	2 ACSR 6/1	0	0	593	258	116	8	4	0.01	5.47	0
35570019+	35570020	9.32	17 1-	2 ACSR 6/1	0	0	589	257	100	6	4	0.01	5.48	0
35570018+	35570019	9.39	15 1-	2 ACSR 6/1	0	0	586	256	93	6	4	0.01	5.48	0
35570015+	35570018	9.43	5 1-	2 ACSR 6/1	0	0	584	256	25	1	1	0.00	5.48	0
35570016+	35570015	9.45	3 1-	2 ACSR 6/1	0	0	584	256	16	1	1	0.00	5.48	0
35570017+	35570016	9.51	1 1-	2 ACSR 6/1	0	0	581	255	0	0	0	0.00	5.48	0
35570014+	35570018	9.47	5 1-	2 ACSR 6/1	0	0	583	256	44	3	2	0.00	5.48	0
35570012+	35570014	9.53	4 1-	2 ACSR 6/1	0	0	580	255	32	2	1	0.00	5.49	0
35560006+	35570012	9.63	2 1-	2 ACSR 6/1	0	0	575	254	16	1	1	0.00	5.49	0
35560007+	35560006	9.67	1 1-	2 ACSR 6/1	0	0	574	254	9	0	0	0.00	5.49	0
35560005+	35570012	9.60	2 1-	2 ACSR 6/1	0	0	577	254	16	1	1	0.00	5.49	0
35570011+	35560005	9.65	1 1-	2 ACSR 6/1	0	0	575	254	13	0	0	0.00	5.49	0
35570013+	35570011	9.73	1 1-	2 ACSR 6/1	0	0	571	253	13	0	0	0.00	5.49	0
35560008+	35570013	9.79	0 1-	2 ACSR 6/1	0	0	569	253	0	0	0	0.00	5.49	0
35460047+	35460054	9.10	10 1-	2 ACSR 6/1	0	0	600	259	70	4	3	0.01	5.44	0
35470028+	35460047	9.16	3 1-	2 ACSR 6/1	0	0	597	258	18	1	1	0.00	5.44	0
35470026+	35460047	9.16	3 1-	2 ACSR 6/1	0	0	597	258	16	1	1	0.00	5.44	0
35470027+	35470026	9.21	1 1-	2 ACSR 6/1	0	0	594	258	7	0	0	0.00	5.44	0
35470025+	35460047	9.14	1 1-	2 ACSR 6/1	0	0	598	259	11	0	0	0.00	5.44	0
35470010+	35460047	9.14	1 1-	2 ACSR 6/1	0	0	598	259	10	0	0	0.00	5.44	0
20850412+	35460053	9.02	3 1-	2 ACSR 6/1	0	0	604	260	13	0	0	0.00	5.42	0
35460052+	35460051	8.90	1 1-	2 ACSR 6/1	0	0	609	261	10	0	0	0.00	5.40	0
20850147+	20850146	8.53	47 1-	2 ACSR 6/1	0	0	628	265	302	20	12	0.01	4.86	3
20850149+	20850147	8.58	43 1-	2 ACSR 6/1	0	0	625	264	277	19	11	0.02	4.87	4
20850156+	20850149	8.62	43 1-	2 ACSR 6/1	0	0	623	264	277	19	11	0.01	4.88	3
35460045+	20850156	8.67	40 1-	2 ACSR 6/1	0	0	620	263	266	18	10	0.01	4.90	3
D35-46-P089+	35460045	8.67	40 1-	REC-25-E	0	0	620	263	266	18	73	0.00	4.90	0
35460046+	D35-46-P089	8.70	40 1-	2 ACSR 6/1	0	0	619	263	266	18	10	0.01	4.90	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
35460022+	35460046	8.74	38 1-	2 ACSR 6/1	0	0	617	262	265	18	10	0.01	4.92	2
35470037+	35460022	8.77	2 1-	2 ACSR 6/1	0	0	616	262	17	1	1	0.00	4.92	0
35470038+	35470037	8.81	1 1-	2 ACSR 6/1	0	0	614	262	6	0	0	0.00	4.92	0
35470036+	35460022	8.78	36 1-	2 ACSR 6/1	0	0	615	262	248	17	10	0.01	4.92	2
35470022+	35470036	8.84	32 1-	2 ACSR 6/1	0	0	612	261	231	15	9	0.02	4.94	3
35470031+	35470022	8.88	2 1-	2 ACSR 6/1	0	0	610	261	14	0	1	0.00	4.94	0
35470023+	35470022	8.90	2 1-	2 ACSR 6/1	0	0	609	261	19	1	1	0.00	4.94	0
35470013+	35470023	8.95	1 1-	2 ACSR 6/1	0	0	607	260	15	1	1	0.00	4.94	0
35470011+	35470022	8.88	26 1-	2 ACSR 6/1	0	0	610	261	195	13	7	0.01	4.95	0
35470024+	35470011	9.02	1 1-	2 ACSR 6/1	0	0	604	260	9	0	0	0.00	4.95	0
35470012+	35470011	8.95	24 1-	2 ACSR 6/1	0	0	607	260	174	12	7	0.01	4.96	2
35470018+	35470012	9.05	18 1-	2 ACSR 6/1	0	0	602	259	124	8	5	0.01	4.97	1
35470019+	35470018	9.12	2 1-	2 ACSR 6/1	0	0	598	259	14	0	1	0.00	4.97	0
35470017+	35470018	9.12	0 1-	2 ACSR 6/1	0	0	599	259	0	0	0	0.00	4.97	0
35470016+	35470018	9.27	15 1-	2 ACSR 6/1	0	0	592	257	99	6	4	0.02	4.99	2
35370017+	35470016	9.32	1 1-	2 ACSR 6/1	0	0	589	257	9	0	0	0.00	4.99	0
35370029+	35470016	9.35	2 1-	2 ACSR 6/1	0	0	588	257	21	1	1	0.00	4.99	0
35370023+	35370029	9.40	1 1-	2 ACSR 6/1	0	0	586	256	10	0	0	0.00	4.99	0
35370028+	35470016	9.35	1 1-	2 ACSR 6/1	0	0	588	257	4	0	0	0.00	4.99	0
20851651+	35470016	9.35	2 1-	2 ACSR 6/1	0	0	588	257	18	1	1	0.00	4.99	0
35370018+	20851651	9.46	1 1-	2 ACSR 6/1	0	0	583	256	6	0	0	0.00	4.99	0
35370024+	35470016	9.40	9 1-	2 ACSR 6/1	0	0	586	256	47	3	2	0.01	5.00	0
35370019+	35370024	9.43	8 1-	2 ACSR 6/1	0	0	585	256	46	3	2	0.00	5.00	0
35370021+	35370019	9.47	1 1-	2 ACSR 6/1	0	0	582	255	6	0	0	0.00	5.00	0
35370020+	35370019	9.51	7 1-	2 ACSR 6/1	0	0	581	255	40	2	2	0.00	5.00	0
35370026+	35370020	9.54	2 1-	2 ACSR 6/1	0	0	579	255	13	0	0	0.00	5.00	0
35370027+	35370026	9.58	1 1-	2 ACSR 6/1	0	0	578	254	2	0	0	0.00	5.00	0
35370025+	35370020	9.63	5 1-	2 ACSR 6/1	0	0	575	254	27	1	1	0.00	5.01	0
35370022+	35370025	9.66	4 1-	2 ACSR 6/1	0	0	574	254	17	1	1	0.00	5.01	0
35370030+	35370022	9.72	3 1-	2 ACSR 6/1	0	0	572	253	6	0	0	0.00	5.01	0
20851650+	35370030	10.11	2 1-	2 ACSR 6/1	0	0	555	250	5	0	0	0.00	5.01	0
35470014+	35470012	9.02	4 1-	2 ACSR 6/1	0	0	603	260	36	2	1	0.00	4.96	0
35470015+	35470014	9.08	1 1-	2 ACSR 6/1	0	0	601	259	6	0	0	0.00	4.96	0
35470020+	35470036	8.82	2 1-	2 ACSR 6/1	0	0	613	262	12	0	0	0.00	4.92	0
35470021+	35470020	8.86	0 1-	2 ACSR 6/1	0	0	611	261	0	0	0	0.00	4.92	0
20850157+	20850156	8.71	1 1-	2 ACSR 6/1	0	0	618	263	9	0	0	0.00	4.88	0
20850148+	20850147	8.56	2 1-	2 ACSR 6/1	0	0	626	264	15	1	1	0.00	4.86	0
20850411+	20850148	8.71	1 1-	2 ACSR 6/1	0	0	618	263	3	0	0	0.00	4.86	0
35450032+	35450033	6.50	2 1-	2 ACSR 6/1	0	0	729	280	15	1	1	0.00	4.65	0
35430011+	20851652	4.57	0 1-	2 ACSR 6/1	0	0	859	296	0	0	0	0.00	3.94	0
20851653+	20851652	4.49	1 1-	2 ACSR 6/1	0	0	866	297	6	0	0	0.00	4.24	0
35530116+	35530115	4.31	1 1-	2 ACSR 6/1	0	0	880	299	8	0	0	0.00	4.19	0
35530114+	35530113	4.23	1 1-	2 ACSR 6/1	0	0	887	300	11	0	0	0.00	4.17	0
35530128+	35530127	3.10	1 1-	2 ACSR 6/1	0	0	991	310	3	0	0	0.00	3.07	0
35530121+	35530112	2.74	6 1-	2 ACSR 6/1	0	0	1029	314	19	1	1	0.00	2.63	0
35530122+	35530121	2.79	5 1-	2 ACSR 6/1	0	0	1023	313	18	1	1	0.00	2.63	0
35530123+	35530122	2.86	3 1-	2 ACSR 6/1	0	0	1014	312	11	0	0	0.00	2.63	0
35530124+	35530123	2.92	2 1-	2 ACSR 6/1	0	0	1007	311	11	0	0	0.00	2.63	0
35530137+	35530104	2.40	4 1-	2 ACSR 6/1	0	0	1068	317	36	2	1	0.00	2.70	0
35530138+	35530137	2.43	2 1-	2 ACSR 6/1	0	0	1064	317	17	1	1	0.00	2.70	0
35530105+	35530104	2.44	1 1-	2 ACSR 6/1	0	0	1062	316	10	0	0	0.00	2.70	0
35530103+	35520058	2.32	1 1-	2 ACSR 6/1	0	0	1078	318	10	0	0	0.00	2.34	0

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

SUB	0 ALEX CREEK		651		4471	4563	4874	357	2741						
SUB	0, CKT 1														
	OCD18+	ALEX CREEK	0.00	0 3-	BK4101	4471	4563	4874	357	0	0	0	0.00	0.00	0
CKT	1 total losses:		\$0												

SUB	0, CKT 2														
	OCD19+	ALEX CREEK	0.00	651 3-	BK4102	4471	4563	4874	357	2741	60	25	0.00	0.00	0
	OH37+	OCD19	0.14	651 3-	336 ACSR 18/1	4348	4409	4644	356	2741	60	11	0.03	0.02	47
	12640015+	OH37	0.21	22 1-	2 ACSR 6/1	0	0	4491	355	92	6	3	0.01	0.02	0
	12640016+	12640015	0.40	22 1-	2 ACSR 6/1	0	0	4093	352	92	6	3	0.02	0.03	1
	12640017+	12640016	0.46	21 1-	2 ACSR 6/1	0	0	3972	351	89	5	3	0.01	0.04	0
	12640022+	12640017	0.56	19 1-	2 ACSR 6/1	0	0	3795	350	83	5	3	0.01	0.05	0
	12640023+	12640022	0.74	19 1-	2 ACSR 6/1	0	0	3492	347	83	5	3	0.02	0.06	0
	12640018+	12640023	0.87	2 1-	2 ACSR 6/1	0	0	3307	345	9	0	0	0.00	0.06	0
	12640012+	12640023	0.79	17 1-	2 ACSR 6/1	0	0	3422	347	73	4	3	0.00	0.07	0
	12640013+	12640012	0.82	16 1-	2 ACSR 6/1	0	0	3379	346	68	4	3	0.00	0.07	0
	12640024+	12640013	1.02	15 1-	2 ACSR 6/1	0	0	3100	343	60	4	2	0.01	0.08	0
	12650002+	12640024	1.10	15 1-	2 ACSR 6/1	0	0	3006	342	60	4	2	0.00	0.08	0
	12750005+	12650002	1.16	11 1-	2 ACSR 6/1	0	0	2937	341	37	2	1	0.00	0.09	0
	12750002+	12750005	1.19	6 1-	2 ACSR 6/1	0	0	2897	341	19	1	1	0.00	0.09	0
	12750003+	12750002	1.23	5 1-	2 ACSR 6/1	0	0	2863	340	13	0	0	0.00	0.09	0
	12750008+	12750003	1.34	2 1-	2 ACSR 6/1	0	0	2739	339	4	0	0	0.00	0.09	0
	12750009+	12750008	1.46	2 1-	2 ACSR 6/1	0	0	2622	337	4	0	0	0.00	0.09	0
	12750004+	12750009	1.52	1 1-	2 ACSR 6/1	0	0	2568	336	3	0	0	0.00	0.09	0
	12640008+	OH37	0.79	628 3-	336 ACSR 18/1	3842	3800	3787	354	2645	58	11	0.16	0.13	214
	12640010+	12640008	0.88	628 3-	336 ACSR 18/1	3785	3733	3697	353	2643	58	11	0.02	0.14	28
	12540025+	12640010	0.98	628 3-	336 ACSR 18/1	3722	3661	3601	353	2643	58	11	0.02	0.16	31
	12640011+	12540025	1.02	51 1-	2 ACSR 6/1	0	0	3541	352	168	11	6	0.01	0.23	0
	D12-54-P045+	12640011	1.02	51 1-	REC-25-L	0	0	3541	352	168	11	45	0.00	0.23	0
	12540024+	D12-54-P045	1.23	51 1-	2 ACSR 6/1	0	0	3253	349	168	11	6	0.04	0.27	5
	12540023+	12540024	1.28	3 1-	2 ACSR 6/1	0	0	3189	348	15	1	1	0.00	0.27	0
	12540009+	12540024	1.34	48 1-	2 ACSR 6/1	0	0	3120	347	153	10	6	0.02	0.29	2
	12540010+	12540009	1.44	46 1-	2 ACSR 6/1	0	0	3002	346	149	9	6	0.02	0.30	2
	12540012+	12540010	1.54	45 1-	2 ACSR 6/1	0	0	2892	344	142	9	5	0.01	0.32	2
	12540013+	12540012	1.64	45 1-	2 ACSR 6/1	0	0	2794	343	142	9	5	0.01	0.33	2
	12540014+	12540013	1.87	45 1-	2 ACSR 6/1	0	0	2574	339	142	9	5	0.03	0.36	4
	12540015+	12540014	1.92	44 1-	2 ACSR 6/1	0	0	2538	339	133	8	5	0.01	0.37	0
	12540017+	12540015	1.98	42 1-	2 ACSR 6/1	0	0	2487	338	133	8	5	0.01	0.38	0
	12540018+	12540017	2.03	3 1-	2 ACSR 6/1	0	0	2447	337	14	0	1	0.00	0.38	0
	12540019+	12540018	2.06	1 1-	2 ACSR 6/1	0	0	2423	337	6	0	0	0.00	0.38	0
	12540020+	12540017	2.02	38 1-	2 ACSR 6/1	0	0	2452	337	110	7	4	0.00	0.38	0
	12540021+	12540020	2.44	37 1-	2 ACSR 6/1	0	0	2153	331	108	7	4	0.05	0.43	4
	12550026+	12540021	2.55	37 1-	2 ACSR 6/1	0	0	2084	330	108	7	4	0.01	0.44	0
	12550016+	12550026	2.73	33 1-	2 ACSR 6/1	0	0	1984	327	96	6	4	0.02	0.46	1
	12550017+	12550016	2.79	30 1-	2 ACSR 6/1	0	0	1951	327	87	5	3	0.01	0.46	0
	12550018+	12550017	2.83	29 1-	2 ACSR 6/1	0	0	1930	326	83	5	3	0.00	0.46	0
	12550019+	12550018	2.92	24 1-	2 ACSR 6/1	0	0	1883	325	76	5	3	0.01	0.47	0
	12550020+	12550019	2.97	23 1-	2 ACSR 6/1	0	0	1860	324	74	4	3	0.00	0.47	0
	12550021+	12550020	3.04	22 1-	2 ACSR 6/1	0	0	1824	323	67	4	3	0.00	0.48	0
	12550024+	12550021	3.13	21 1-	2 ACSR 6/1	0	0	1785	322	63	4	2	0.01	0.48	0
	12550025+	12550024	3.25	21 1-	2 ACSR 6/1	0	0	1732	320	63	4	2	0.01	0.49	0
	12550012+	12550025	3.31	20 1-	2 ACSR 6/1	0	0	1707	320	63	4	2	0.00	0.50	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
12550023+	12550012	3.51	3 1-	2 ACSR 6/1	0	0	1628	317	5	0	0	0.00	0.50	0
12450005+	12550023	3.65	2 1-	2 ACSR 6/1	0	0	1578	315	4	0	0	0.00	0.50	0
12450006+	12450005	3.69	1 1-	2 ACSR 6/1	0	0	1562	315	2	0	0	0.00	0.50	0
12550022+	12550012	3.71	15 1-	2 ACSR 6/1	0	0	1556	315	54	3	2	0.02	0.52	0
12560012+	12550022	3.84	15 1-	2 ACSR 6/1	0	0	1511	313	54	3	2	0.01	0.52	0
12560013+	12560012	3.92	13 1-	2 ACSR 6/1	0	0	1487	312	47	3	2	0.00	0.53	0
12560014+	12560013	3.97	10 1-	2 ACSR 6/1	0	0	1469	311	33	2	1	0.00	0.53	0
12560015+	12560014	4.04	9 1-	2 ACSR 6/1	0	0	1448	310	26	1	1	0.00	0.53	0
12560017+	12560015	4.17	7 1-	2 ACSR 6/1	0	0	1410	309	19	1	1	0.00	0.53	0
12560009+	12560017	4.22	7 1-	2 ACSR 6/1	0	0	1398	308	19	1	1	0.00	0.53	0
12560010+	12560009	4.34	6 1-	2 ACSR 6/1	0	0	1365	307	17	1	1	0.00	0.54	0
12560011+	12560010	4.46	5 1-	2 ACSR 6/1	0	0	1331	305	14	0	1	0.00	0.54	0
12560016+	12560015	4.09	1 1-	2 ACSR 6/1	0	0	1434	310	0	0	0	0.00	0.53	0
12550013+	12550026	2.60	4 1-	2 ACSR 6/1	0	0	2052	329	11	0	0	0.00	0.44	0
12550014+	12550013	2.70	2 1-	2 ACSR 6/1	0	0	1998	328	8	0	0	0.00	0.44	0
12550015+	12550014	3.08	1 1-	2 ACSR 6/1	0	0	1807	323	6	0	0	0.00	0.44	0
12450002+	12550015	3.33	0 1-	2 ACSR 6/1	0	0	1697	319	0	0	0	0.00	0.44	0
12540016+	12540015	1.96	1 1-	2 ACSR 6/1	0	0	2499	338	1	0	0	0.00	0.37	0
12540011+	12540010	1.51	1 1-	2 ACSR 6/1	0	0	2926	345	7	0	0	0.00	0.30	0
12630018+	12540025	1.19	577 3-	1/0 ACSR 6/1	3527	3447	3336	351	2474	54	24	0.09	0.25	197
12630017+	12630018	1.26	577 3-	1/0 ACSR 6/1	3471	3386	3263	350	2472	54	24	0.03	0.28	59
12630016+	12630017	1.30	577 3-	1/0 ACSR 6/1	3434	3345	3214	349	2472	54	24	0.02	0.30	40
12630015+	12630016	1.47	577 3-	1/0 ACSR 6/1	3298	3196	3041	348	2472	54	24	0.07	0.37	154
12630014+	12630015	1.55	1 1-	2 ACSR 6/1	0	0	2951	346	3	0	0	0.00	0.44	0
12530006+	12630014	1.58	0 1-	2 ACSR 6/1	0	0	2916	346	0	0	0	0.00	0.44	0
12630012+	12630015	1.57	575 3-	1/0 ACSR 6/1	3219	3111	2943	347	2462	54	24	0.04	0.41	93
12630021+	12630012	1.69	575 3-	1/0 ACSR 6/1	3133	3018	2838	345	2461	54	24	0.05	0.46	106
12630028+	12630021	1.84	575 3-	1/0 ACSR 6/1	3026	2903	2711	344	2460	54	24	0.07	0.53	138
12630029+	12630028	2.14	573 3-	1/0 ACSR 6/1	2831	2696	2487	341	2441	54	24	0.13	0.66	270
12620052+	12630029	2.42	546 3-	1/0 ACSR 6/1	2674	2531	2314	338	2310	51	22	0.11	0.77	210
12620051+	12620052	2.48	546 3-	1/0 ACSR 6/1	2638	2493	2276	337	2308	51	22	0.03	0.80	51
12620047+	12620051	2.54	13 1-	2 ACSR 6/1	0	0	2239	337	71	4	3	0.00	0.43	0
D12-62-P032+	12620047	2.54	13 1-	RBC-35-H	0	0	2239	337	71	4	14	0.00	0.43	0
12620048+	D12-62-P032	2.61	13 1-	2 ACSR 6/1	0	0	2193	336	71	4	3	0.00	0.43	0
12620050+	12620048	2.67	8 1-	2 ACSR 6/1	0	0	2153	335	37	2	1	0.00	0.44	0
12620054+	12620050	3.10	7 1-	2 ACSR 6/1	0	0	1917	329	32	2	1	0.01	0.45	0
12630024+	12620054	3.17	6 1-	2 ACSR 6/1	0	0	1884	328	25	1	1	0.00	0.45	0
12630019+	12630024	3.34	5 1-	2 ACSR 6/1	0	0	1804	325	24	1	1	0.00	0.45	0
12730005+	12630019	3.37	3 1-	2 ACSR 6/1	0	0	1788	325	22	1	1	0.00	0.46	0
12730008+	12730005	3.49	0 1-	2 ACSR 6/1	0	0	1740	323	0	0	0	0.00	0.46	0
12730007+	12730005	3.41	3 1-	2 ACSR 6/1	0	0	1772	325	22	1	1	0.00	0.46	0
12730002+	12730007	3.55	2 1-	2 ACSR 6/1	0	0	1716	323	14	0	1	0.00	0.46	0
12730003+	12730002	3.84	1 1-	2 ACSR 6/1	0	0	1603	319	4	0	0	0.00	0.46	0
12730004+	12730003	4.06	0 1-	2 ACSR 6/1	0	0	1527	316	0	0	0	0.00	0.46	0
12620049+	12620048	2.65	3 1-	2 ACSR 6/1	0	0	2169	335	16	1	1	0.00	0.43	0
12620046+	12620051	2.54	532 3-	1/0 ACSR 6/1	2608	2462	2243	337	2228	49	22	0.02	0.82	42
12620045+	12620046	2.56	2 1-	2 ACSR 6/1	0	0	2227	337	11	0	0	0.00	0.44	0
12620044+	12620046	2.60	529 3-	1/0 ACSR 6/1	2576	2429	2209	336	2208	49	21	0.03	0.84	44
12620043+	12620044	2.65	527 3-	1/0 ACSR 6/1	2551	2402	2182	336	2201	48	21	0.02	0.86	35
12620042+	12620043	2.72	524 3-	1/0 ACSR 6/1	2516	2366	2146	335	2182	48	21	0.03	0.89	48
12620041+	12620042	2.76	2 1-	2 ACSR 6/1	0	0	2120	335	10	0	0	0.00	0.48	0
12620040+	12620042	2.76	518 3-	1/0 ACSR 6/1	2497	2346	2125	335	2160	48	21	0.02	0.90	27

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
12620037+	12620040	2.80	518 3-	1/0 ACSR 6/1	2477	2327	2105	334	2160	48	21	0.02	0.92	27
12620036+	12620037	2.83	515 3-	1/0 ACSR 6/1	2461	2310	2088	334	2143	47	21	0.01	0.93	23
12620034+	12620036	2.88	39 1-	2 ACSR 6/1	0	0	2063	333	166	11	6	0.01	1.04	0
12620035+	12620034	2.91	38 1-	2 ACSR 6/1	0	0	2044	333	157	10	6	0.01	1.05	0
12520011+	12620035	3.00	38 1-	2 ACSR 6/1	0	0	1997	332	157	10	6	0.01	1.06	2
12520012+	12520011	3.13	37 1-	2 ACSR 6/1	0	0	1929	330	153	10	6	0.02	1.08	2
12520013+	12520012	3.16	34 1-	2 ACSR 6/1	0	0	1915	329	144	9	5	0.00	1.08	0
12520014+	12520013	3.20	33 1-	2 ACSR 6/1	0	0	1892	329	138	9	5	0.01	1.09	0
12520015+	12520014	3.27	30 1-	2 ACSR 6/1	0	0	1860	328	123	8	5	0.01	1.10	0
D12-52-P011+	12520015	3.27	1 1-	REC-25-H	0	0	1860	328	10	0	3	0.00	1.10	0
12520016+	D12-52-P011	3.31	1 1-	2 ACSR 6/1	0	0	1843	327	10	0	3	0.00	1.10	0
12520018+	12520015	3.64	29 1-	2 ACSR 6/1	0	0	1700	323	113	7	4	0.04	1.14	4
12520017+	12520018	4.04	27 1-	2 ACSR 6/1	0	0	1555	318	102	6	4	0.04	1.18	3
12420020+	12520017	4.16	25 1-	2 ACSR 6/1	0	0	1515	316	94	6	3	0.01	1.19	0
12420021+	12420020	4.21	23 1-	2 ACSR 6/1	0	0	1499	315	91	6	3	0.00	1.20	0
12420022+	12420021	4.27	22 1-	2 ACSR 6/1	0	0	1480	315	89	5	3	0.01	1.20	0
12420023+	12420022	4.30	21 1-	2 ACSR 6/1	0	0	1470	314	83	5	3	0.00	1.20	0
12420024+	12420023	4.38	19 1-	2 ACSR 6/1	0	0	1448	313	81	5	3	0.01	1.21	0
12420025+	12420024	4.43	18 1-	2 ACSR 6/1	0	0	1432	313	74	4	3	0.00	1.21	0
12420027+	12420025	4.50	15 1-	2 ACSR 6/1	0	0	1411	312	63	4	2	0.00	1.22	0
12420028+	12420027	4.60	13 1-	2 ACSR 6/1	0	0	1385	310	60	4	2	0.01	1.22	0
12420030+	12420028	4.73	13 1-	2 ACSR 6/1	0	0	1351	309	60	4	2	0.01	1.23	0
12420031+	12420030	4.86	11 1-	2 ACSR 6/1	0	0	1317	307	53	3	2	0.01	1.24	0
12420032+	12420031	4.95	9 1-	2 ACSR 6/1	0	0	1296	306	35	2	1	0.00	1.24	0
12420033+	12420032	5.01	2 1-	2 ACSR 6/1	0	0	1281	305	3	0	0	0.00	1.24	0
12420034+	12420033	5.08	2 1-	2 ACSR 6/1	0	0	1264	304	3	0	0	0.00	1.24	0
12420026+	12420034	5.12	0 1-	2 ACSR 6/1	0	0	1255	304	0	0	0	0.00	1.24	0
12420019+	12420034	5.22	2 1-	2 ACSR 6/1	0	0	1233	303	3	0	0	0.00	1.24	0
12420035+	12420032	5.00	5 1-	2 ACSR 6/1	0	0	1283	305	27	1	1	0.00	1.24	0
12420036+	12420035	5.62	3 1-	2 ACSR 6/1	0	0	1151	298	6	0	0	0.00	1.24	0
12320005+	12420036	5.68	2 1-	2 ACSR 6/1	0	0	1140	297	0	0	0	0.00	1.24	0
12320006+	12320005	5.73	2 1-	2 ACSR 6/1	0	0	1130	297	0	0	0	0.00	1.24	0
12320008+	12320006	5.84	1 1-	2 ACSR 6/1	0	0	1112	296	0	0	0	0.00	1.24	0
12320007+	12320006	5.80	1 1-	2 ACSR 6/1	0	0	1118	296	0	0	0	0.00	1.24	0
12420029+	12420028	4.77	0 1-	2 ACSR 6/1	0	0	1339	308	0	0	0	0.00	1.22	0
12520019+	12520018	3.86	2 1-	2 ACSR 6/1	0	0	1616	320	11	0	0	0.00	1.14	0
12520020+	12520019	3.90	2 1-	2 ACSR 6/1	0	0	1604	319	11	0	0	0.00	1.14	0
12620033+	12620036	2.89	475 3-	1/0 ACSR 6/1	2435	2284	2062	333	1966	43	19	0.02	0.95	31
12620032+	12620033	2.96	473 3-	1/0 ACSR 6/1	2402	2250	2028	333	1956	43	19	0.02	0.97	41
12620031+	12620032	3.01	1 1-	2 ACSR 6/1	0	0	2002	332	9	0	0	0.00	0.54	0
12620030+	12620032	3.17	470 3-	1/0 ACSR 6/1	2311	2156	1935	331	1938	43	19	0.07	1.04	117
12620029+	12620030	3.29	0 1-	2 ACSR 6/1	0	0	1875	329	0	0	0	0.00	1.14	0
12620028+	12620030	3.36	469 3-	1/0 ACSR 6/1	2231	2076	1856	329	1932	43	19	0.06	1.11	108
12620027+	12620028	3.44	466 3-	1/0 ACSR 6/1	2202	2047	1828	328	1928	42	19	0.02	1.13	40
12620026+	12620027	3.52	2 1-	2 ACSR 6/1	0	0	1790	327	7	0	0	0.00	1.22	0
12620025+	12620027	3.57	460 3-	1/0 ACSR 6/1	2153	1997	1779	327	1903	42	18	0.04	1.17	70
12620023+	12620025	3.61	457 3-	1/0 ACSR 6/1	2139	1983	1765	327	1890	42	18	0.01	1.19	20
12620020+	12620023	3.66	457 3-	1/0 ACSR 6/1	2118	1962	1745	326	1890	42	18	0.02	1.20	30
12620022+	12620020	3.71	457 3-	1/0 ACSR 6/1	2101	1946	1729	326	1889	42	18	0.01	1.22	25
12620053+	12620022	3.76	1 1-	2 ACSR 6/1	0	0	1708	325	2	0	0	0.00	0.70	0
12620021+	12620022	3.76	456 3-	1/0 ACSR 6/1	2084	1929	1713	325	1887	42	18	0.01	1.24	26
12620039+	12620021	3.81	456 3-	1/0 ACSR 6/1	2068	1912	1697	325	1886	42	18	0.01	1.25	26

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11690033+	12620039	3.96	452 3-	1/0 ACSR 6/1	2016	1861	1648	323	1871	41 18	0.05	1.30	79	
11690032+	11690033	4.02	1 1-	2 ACSR 6/1	0	0	1627	322	3	0	0.00	1.38	0	
11690034+	11690033	3.99	450 3-	1/0 ACSR 6/1	2006	1851	1639	323	1865	41 18	0.01	1.31	16	
11690044+	11690034	4.34	449 3-	1/0 ACSR 6/1	1898	1744	1537	320	1856	41 18	0.11	1.42	178	
11690043+	11690044	4.41	448 3-	1/0 ACSR 6/1	1879	1726	1520	319	1848	41 18	0.02	1.44	32	
11690036+	11690043	4.46	20 1-	2 ACSR 6/1	0	0	1504	318	79	5	3	0.00	1.52	0
11690045+	11690036	4.47	16 1-	2 ACSR 6/1	0	0	1499	318	68	4	3	0.00	1.52	0
D11-69-P036+	11690045	4.47	16 1-	REC-35-H	0	0	1499	318	68	4	13	0.00	1.52	0
11690037+	D11-69-P036	4.56	16 1-	2 ACSR 6/1	0	0	1474	317	68	4	3	0.01	1.53	0
11690038+	11690037	4.68	15 1-	2 ACSR 6/1	0	0	1438	315	59	4	2	0.01	1.54	0
11690039+	11690038	4.79	1 1-	2 ACSR 6/1	0	0	1408	314	6	0	0.00	1.54	0	
11690018+	11690038	4.77	14 1-	2 ACSR 6/1	0	0	1412	314	53	3	2	0.00	1.54	0
11790013+	11690018	4.96	14 1-	2 ACSR 6/1	0	0	1362	312	53	3	2	0.01	1.55	0
11790014+	11790013	5.04	11 1-	2 ACSR 6/1	0	0	1341	311	38	2	1	0.00	1.55	0
11790015+	11790014	5.13	10 1-	2 ACSR 6/1	0	0	1318	310	37	2	1	0.00	1.56	0
11790016+	11790015	5.33	8 1-	2 ACSR 6/1	0	0	1271	307	36	2	1	0.01	1.56	0
11790018+	11790016	5.43	6 1-	2 ACSR 6/1	0	0	1249	306	30	2	1	0.00	1.57	0
11790019+	11790018	5.55	5 1-	2 ACSR 6/1	0	0	1224	305	28	1	1	0.00	1.57	0
D11-79-P011+	11790019	5.55	5 1-	FUS-15	0	0	1224	305	28	1	14	0.00	1.57	0
11790024+	D11-79-P011	5.70	5 1-	2 ACSR 6/1	0	0	1192	303	28	1	1	0.00	1.57	0
11790025+	11790024	5.88	5 1-	2 ACSR 6/1	0	0	1157	300	28	1	1	0.01	1.58	0
11790023+	11790025	6.09	5 1-	2 ACSR 6/1	0	0	1118	298	28	1	1	0.01	1.59	0
11890006+	11790023	6.13	4 1-	2 ACSR 6/1	0	0	1111	298	26	1	1	0.00	1.59	0
11890007+	11890006	6.18	2 1-	2 ACSR 6/1	0	0	1103	297	7	0	0	0.00	1.59	0
11890003+	11890007	6.36	1 1-	2 ACSR 6/1	0	0	1072	295	7	0	0	0.00	1.59	0
11790017+	11790016	5.39	1 1-	2 ACSR 6/1	0	0	1258	306	2	0	0	0.00	1.56	0
11790012+	11690018	4.81	0 1-	2 ACSR 6/1	0	0	1402	314	0	0	0	0.00	1.54	0
11690019+	11690045	4.52	0 1-	2 ACSR 6/1	0	0	1483	317	0	0	0	0.00	1.52	0
11690035+	11690043	4.44	427 3-	1/0 ACSR 6/1	1870	1717	1511	319	1767	39 17	0.01	1.45	16	
D11-69-P044+	11690035	4.44	427 3-	REC-50-4H	1870	1717	1511	319	1767	39 79	0.00	1.45	0	
11690031+	D11-69-P044	4.54	427 3-	1/0 ACSR 6/1	1843	1690	1486	318	1767	39 17	0.02	1.48	45	
11690030+	11690031	4.59	427 3-	1/0 ACSR 6/1	1828	1675	1472	317	1767	39 17	0.01	1.50	27	
11690029+	11690030	4.79	426 3-	1/0 ACSR 6/1	1775	1624	1424	316	1764	39 17	0.05	1.56	93	
11690028+	11690029	4.84	425 3-	1/0 ACSR 6/1	1762	1611	1412	315	1760	39 17	0.01	1.58	24	
11690027+	11690028	4.90	423 3-	1/0 ACSR 6/1	1747	1597	1399	315	1759	39 17	0.01	1.59	27	
11690026+	11690027	5.21	423 3-	1/0 ACSR 6/1	1672	1524	1331	312	1759	39 17	0.08	1.69	146	
11580047+	11690026	5.80	416 3-	1/0 ACSR 6/1	1548	1404	1222	307	1731	38 17	0.13	1.86	265	
11580046+	11580047	5.85	416 3-	1/0 ACSR 6/1	1537	1394	1212	306	1729	38 17	0.01	1.88	25	
11580045+	11580046	5.91	404 3-	1/0 ACSR 6/1	1526	1384	1203	306	1686	37 16	0.01	1.89	23	
11580044+	11580045	5.95	404 3-	1/0 ACSR 6/1	1518	1376	1195	305	1686	37 16	0.01	1.91	20	
11-58-P024-A+	11580044	5.95	403 3-	Closed	1518	1376	1195	305	1684	37 0	0.00	1.91	0	
11-58-P024-B+	11-58-P024-A	5.95	403 3-	Closed	1518	1376	1195	305	1684	37 0	0.00	1.91	0	
11580042+	11-58-P024-B	5.96	403 3-	1/0 ACSR 6/1	1516	1374	1194	305	1684	37 16	0.00	1.91	4	
11580043+	11580042	6.05	403 3-	1/0 ACSR 6/1	1500	1359	1180	304	1684	37 16	0.02	1.93	37	
CAP156+	11580043	6.05	402 3-	Capacitor	0	0	0	0	1678	37 0	0.00	1.93	0	
11580039+	CAP156	6.11	291 3-	1/0 ACSR 6/1	1487	1347	1169	304	1178	26 12	0.01	1.95	17	
11580038+	11580039	6.36	291 3-	1/0 ACSR 6/1	1443	1305	1131	302	1178	26 12	0.03	2.00	63	
11580049+	11580038	6.43	289 3-	1/0 ACSR 6/1	1432	1294	1121	301	1170	26 12	0.01	2.02	15	
11580037+	11580049	6.51	285 3-	1/0 ACSR 6/1	1419	1282	1110	300	1151	26 11	0.01	2.03	19	
11580036+	11580037	6.58	285 3-	1/0 ACSR 6/1	1406	1269	1099	300	1151	26 11	0.01	2.05	19	
11580032+	11580036	6.70	284 3-	1/0 ACSR 6/1	1388	1252	1083	299	1142	25 11	0.01	2.07	26	
D11-58-P006+	11580032	6.70	5 1-	FUS	0	0	1083	299	16	1	25	0.00	1.30	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11580034+	D11-58-P006	6.79	5 1-	2 ACSR 6/1	0	0	1069	298	16	1	1	0.00	1.30	0
11580035+	11580034	6.98	4 1-	2 ACSR 6/1	0	0	1039	295	11	0	0	0.00	1.30	0
11580031+	11580035	7.19	2 1-	2 ACSR 6/1	0	0	1008	293	5	0	0	0.00	1.30	0
11570007+	11580031	7.25	0 1-	2 ACSR 6/1	0	0	999	292	0	0	0	0.00	1.30	0
11570006+	11580031	7.31	1 1-	2 ACSR 6/1	0	0	990	292	3	0	0	0.00	1.30	0
11580033+	11580032	6.86	278 3-	1/0 ACSR 6/1	1363	1229	1062	297	1114	25	11	0.02	2.11	35
11580030+	11580033	6.94	277 3-	1/0 ACSR 6/1	1350	1217	1051	297	1108	25	11	0.01	2.12	18
11480035+	11580030	7.03	274 3-	1/0 ACSR 6/1	1336	1203	1039	296	1100	24	11	0.01	2.14	21
11480047+	11480035	7.10	3 1-	2 ACSR 6/1	0	0	1030	295	22	1	1	0.00	1.35	0
11480049+	11480047	7.13	2 1-	2 ACSR 6/1	0	0	1024	295	12	0	0	0.00	1.35	0
11480050+	11480049	7.28	1 1-	2 ACSR 6/1	0	0	1004	293	4	0	0	0.00	1.35	0
11480032+	11480035	7.09	270 3-	1/0 ACSR 6/1	1327	1195	1032	295	1074	24	11	0.01	2.16	12
11480046+	11480032	7.15	1 1-	2 ACSR 6/1	0	0	1024	295	7	0	0	0.00	2.01	0
11480031+	11480032	7.23	269 3-	1/0 ACSR 6/1	1308	1177	1015	294	1068	24	11	0.01	2.18	27
D11-48-P019+	11480031	7.23	61 1-	REC-35-H	0	0	1015	294	214	14	42	0.00	3.15	0
11480052+	D11-48-P019	7.59	61 1-	2 ACSR 6/1	0	0	965	290	214	14	8	0.08	3.23	14
11480056+	11480052	7.65	1 1-	2 ACSR 6/1	0	0	958	290	2	0	0	0.00	3.23	0
11480057+	11480056	7.70	1 1-	2 ACSR 6/1	0	0	951	289	2	0	0	0.00	3.23	0
11480051+	11480052	7.65	1 1-	2 ACSR 6/1	0	0	957	290	4	0	0	0.00	3.23	0
11480053+	11480052	7.85	58 1-	2 ACSR 6/1	0	0	932	287	206	14	8	0.05	3.29	9
11480054+	11480053	7.92	24 1-	2 ACSR 6/1	0	0	924	287	92	6	3	0.01	3.29	0
11480055+	11480054	7.97	22 1-	2 ACSR 6/1	0	0	918	286	78	5	3	0.00	3.30	0
D11-48-P035+	11480055	7.97	22 1-	SEC-35-GH	0	0	918	286	78	5	0	0.00	3.30	0
11480036+	D11-48-P035	8.48	22 1-	2 ACSR 6/1	0	0	860	280	78	5	3	0.04	3.34	3
11490011+	11480036	8.64	20 1-	2 ACSR 6/1	0	0	843	279	76	5	3	0.01	3.35	0
11390021+	11490011	8.86	18 1-	2 ACSR 6/1	0	0	821	276	67	4	3	0.01	3.36	0
11390016+	11390021	8.96	11 1-	2 ACSR 6/1	0	0	811	275	45	3	2	0.00	3.37	0
11390018+	11390016	8.99	2 1-	2 ACSR 6/1	0	0	809	275	16	1	1	0.00	3.37	0
11390017+	11390016	9.17	6 1-	2 ACSR 6/1	0	0	792	273	21	1	1	0.00	3.37	0
11390019+	11390017	9.22	3 1-	2 ACSR 6/1	0	0	788	273	10	0	0	0.00	3.37	0
11390011+	11390019	9.34	1 1-	2 ACSR 6/1	0	0	777	271	2	0	0	0.00	3.37	0
11390012+	11390017	9.27	3 1-	2 ACSR 6/1	0	0	784	272	10	0	0	0.00	3.37	0
11390013+	11390012	9.33	2 1-	2 ACSR 6/1	0	0	778	272	6	0	0	0.00	3.37	0
11390020+	11390021	8.89	6 1-	2 ACSR 6/1	0	0	818	276	22	1	1	0.00	3.36	0
11390014+	11390020	9.01	4 1-	2 ACSR 6/1	0	0	807	275	15	1	1	0.00	3.37	0
11390015+	11390014	9.06	1 1-	2 ACSR 6/1	0	0	803	274	9	0	0	0.00	3.37	0
11480048+	11480053	7.97	34 1-	2 ACSR 6/1	0	0	917	286	114	7	4	0.01	3.30	1
11490012+	11480048	8.13	31 1-	2 ACSR 6/1	0	0	898	284	110	7	4	0.02	3.32	2
11490017+	11490012	8.15	21 1-	2 ACSR 6/1	0	0	896	284	86	5	3	0.00	3.32	0
11490018+	11490017	8.21	20 1-	2 ACSR 6/1	0	0	889	283	78	5	3	0.00	3.32	0
11490019+	11490018	8.29	17 1-	2 ACSR 6/1	0	0	881	282	66	4	3	0.00	3.33	0
11490020+	11490019	8.31	16 1-	2 ACSR 6/1	0	0	879	282	59	4	2	0.00	3.33	0
11490021+	11490020	8.36	15 1-	2 ACSR 6/1	0	0	872	282	54	3	2	0.00	3.33	0
11490022+	11490021	8.47	14 1-	2 ACSR 6/1	0	0	861	280	51	3	2	0.01	3.34	0
11490023+	11490022	8.53	11 1-	2 ACSR 6/1	0	0	855	280	40	2	2	0.00	3.34	0
11490024+	11490023	8.60	9 1-	2 ACSR 6/1	0	0	847	279	38	2	1	0.00	3.34	0
11490025+	11490024	8.68	8 1-	2 ACSR 6/1	0	0	840	278	35	2	1	0.00	3.35	0
11490029+	11490025	8.73	7 1-	2 ACSR 6/1	0	0	834	278	27	1	1	0.00	3.35	0
11490027+	11490029	8.77	6 1-	2 ACSR 6/1	0	0	830	277	26	1	1	0.00	3.35	0
11490028+	11490027	8.82	4 1-	2 ACSR 6/1	0	0	826	277	21	1	1	0.00	3.35	0
11490031+	11490028	8.87	2 1-	2 ACSR 6/1	0	0	821	276	13	0	0	0.00	3.35	0
11490030+	11490028	8.95	1 1-	2 ACSR 6/1	0	0	813	276	1	0	0	0.00	3.35	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11490015+	11490012	8.22	10 1-	2 ACSR 6/1	0	0	888	283	25	1	1	0.00	3.32	0
11490016+	11490015	8.26	5 1-	2 ACSR 6/1	0	0	884	283	16	1	1	0.00	3.32	0
11490014+	11490016	8.31	3 1-	2 ACSR 6/1	0	0	878	282	5	0	0	0.00	3.32	0
11490013+	11490014	8.51	1 1-	2 ACSR 6/1	0	0	857	280	2	0	0	0.00	3.32	0
11480028+	11480031	7.29	208 3-	1/0 ACSR 6/1	1299	1169	1008	294	853	19	8	0.00	2.19	7
11480045+	11480028	7.35	1 1-	2 ACSR 6/1	0	0	999	293	8	0	0	0.00	1.38	0
11480030+	11480028	7.34	207 3-	1/0 ACSR 6/1	1291	1161	1002	293	845	19	8	0.00	2.20	7
11480044+	11480030	7.40	0 1-	2 ACSR 6/1	0	0	993	293	0	0	0	0.00	2.03	0
11480043+	11480030	7.42	207 3-	1/0 ACSR 6/1	1281	1152	993	293	845	19	8	0.01	2.21	8
11480042+	11480043	7.55	207 3-	1/0 ACSR 6/1	1263	1135	978	292	845	19	8	0.01	2.23	15
11480040+	11480042	7.64	1 1-	2 ACSR 6/1	0	0	966	291	5	0	0	0.00	2.05	0
11480041+	11480040	7.71	1 1-	2 ACSR 6/1	0	0	957	290	5	0	0	0.00	2.05	0
11480029+	11480042	7.68	206 3-	1/0 ACSR 6/1	1246	1118	963	291	840	19	8	0.01	2.25	15
D11-48-P005+	11480029	7.68	75 1-	REC-35-H	0	0	963	291	297	20	57	0.00	1.45	0
11480033+	D11-48-P005	8.23	75 1-	2 ACSR 6/1	0	0	897	285	297	20	11	0.16	1.61	39
11380016+	11480033	8.33	2 1-	2 ACSR 6/1	0	0	885	283	9	0	0	0.00	1.61	0
11380012+	11480033	8.51	73 1-	2 ACSR 6/1	0	0	865	281	288	19	11	0.08	1.69	19
11380017+	11380012	8.53	2 1-	2 ACSR 6/1	0	0	863	281	3	0	0	0.00	1.69	0
11380018+	11380017	8.59	1 1-	2 ACSR 6/1	0	0	857	281	2	0	0	0.00	1.69	0
11380014+	11380012	8.64	71 1-	2 ACSR 6/1	0	0	852	280	285	19	11	0.04	1.73	9
11380028+	11380014	8.66	5 1-	2 ACSR 6/1	0	0	849	280	8	0	0	0.00	1.73	0
11380029+	11380028	8.74	4 1-	2 ACSR 6/1	0	0	842	279	7	0	0	0.00	1.73	0
11380020+	11380014	8.79	65 1-	2 ACSR 6/1	0	0	836	278	274	18	10	0.04	1.77	9
11380030+	11380020	8.83	3 1-	2 ACSR 6/1	0	0	832	278	8	0	0	0.00	1.77	0
11380031+	11380030	8.88	3 1-	2 ACSR 6/1	0	0	828	278	8	0	0	0.00	1.77	0
11380021+	11380031	9.16	1 1-	2 ACSR 6/1	0	0	801	275	3	0	0	0.00	1.78	0
11380032+	11380020	8.83	61 1-	2 ACSR 6/1	0	0	833	278	263	17	10	0.01	1.78	2
11380033+	11380032	8.86	61 1-	2 ACSR 6/1	0	0	829	278	263	17	10	0.01	1.79	2
11380022+	11380033	9.07	59 1-	2 ACSR 6/1	0	0	809	276	258	17	10	0.05	1.85	11
11280016+	11380022	9.22	55 1-	2 ACSR 6/1	0	0	795	274	243	16	9	0.04	1.88	7
11280018+	11280016	9.30	54 1-	2 ACSR 6/1	0	0	788	273	237	16	9	0.02	1.90	4
11280020+	11280018	9.37	49 1-	2 ACSR 6/1	0	0	782	273	223	15	8	0.01	1.92	2
11280021+	11280020	9.46	48 1-	2 ACSR 6/1	0	0	774	272	219	14	8	0.02	1.94	3
11280022+	11280021	9.69	46 1-	2 ACSR 6/1	0	0	754	269	211	14	8	0.05	1.99	9
11290017+	11280022	9.80	44 1-	2 ACSR 6/1	0	0	746	268	201	13	8	0.02	2.01	4
11290018+	11290017	9.92	42 1-	2 ACSR 6/1	0	0	736	267	200	13	8	0.02	2.04	4
11290023+	11290018	9.97	42 1-	2 ACSR 6/1	0	0	732	267	200	13	8	0.01	2.05	2
11290019+	11290023	10.06	41 1-	2 ACSR 6/1	0	0	725	266	197	13	7	0.02	2.06	3
11290020+	11290019	10.13	40 1-	2 ACSR 6/1	0	0	720	265	195	13	7	0.01	2.08	2
11290021+	11290020	10.29	39 1-	2 ACSR 6/1	0	0	708	263	191	12	7	0.03	2.11	5
11290022+	11290021	10.44	39 1-	2 ACSR 6/1	0	0	698	262	191	12	7	0.03	2.14	4
11290024+	11290022	10.70	38 1-	2 ACSR 6/1	0	0	679	260	185	12	7	0.05	2.19	7
11290025+	11290024	10.78	1 1-	2 ACSR 6/1	0	0	674	259	7	0	0	0.00	2.19	0
11290015+	11290024	11.03	37 1-	2 ACSR 6/1	0	0	658	257	178	12	7	0.06	2.25	8
12220022+	11290015	11.10	35 1-	2 ACSR 6/1	0	0	654	256	172	11	6	0.01	2.26	2
12220023+	12220022	11.17	35 1-	2 ACSR 6/1	0	0	650	255	172	11	6	0.01	2.27	1
12220024+	12220023	11.28	35 1-	2 ACSR 6/1	0	0	643	254	172	11	6	0.02	2.29	3
12220026+	12220024	11.34	1 1-	2 ACSR 6/1	0	0	639	254	3	0	0	0.00	2.29	0
12220025+	12220024	11.53	32 1-	2 ACSR 6/1	0	0	628	252	165	11	6	0.04	2.33	6
D12-22-P023+	12220025	11.53	32 1-	SEC-35-GH	0	0	628	252	165	11	0	0.00	2.33	0
12220027+	D12-22-P023	11.68	32 1-	2 ACSR 6/1	0	0	619	251	165	11	6	0.02	2.36	3
12220028+	12220027	11.76	31 1-	2 ACSR 6/1	0	0	615	250	159	10	6	0.01	2.37	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
12220029+	12220028	11.82	29 1-	2 ACSR 6/1	0	0	612	250	153	10	6	0.01	2.38	1
12220030+	12220029	11.85	28 1-	2 ACSR 6/1	0	0	610	249	151	10	6	0.00	2.38	0
12220035+	12220030	11.92	5 1-	2 ACSR 6/1	0	0	607	249	26	1	1	0.00	2.38	0
12220036+	12220035	11.94	2 1-	2 ACSR 6/1	0	0	605	248	16	1	1	0.00	2.39	0
12220037+	12220036	11.99	1 1-	2 ACSR 6/1	0	0	603	248	10	0	0	0.00	2.39	0
12220032+	12220030	11.90	16 1-	2 ACSR 6/1	0	0	607	249	98	6	4	0.01	2.39	0
12220033+	12220032	11.97	15 1-	2 ACSR 6/1	0	0	604	248	92	6	3	0.01	2.39	0
12220034+	12220033	12.13	14 1-	2 ACSR 6/1	0	0	595	247	85	5	3	0.01	2.41	0
12120039+	12220034	12.19	2 1-	2 ACSR 6/1	0	0	592	246	14	0	1	0.00	2.41	0
12120035+	12120039	12.28	1 1-	2 ACSR 6/1	0	0	588	246	6	0	0	0.00	2.41	0
12120036+	12120035	12.30	1 1-	2 ACSR 6/1	0	0	587	245	6	0	0	0.00	2.41	0
12120037+	12120036	12.36	0 1-	2 ACSR 6/1	0	0	584	245	0	0	0	0.00	2.41	0
12120038+	12220034	12.25	10 1-	2 ACSR 6/1	0	0	589	246	62	4	2	0.01	2.42	0
12120040+	12120038	12.31	0 1-	2 ACSR 6/1	0	0	586	245	0	0	0	0.00	2.42	0
12120018+	12120038	12.41	10 1-	2 ACSR 6/1	0	0	581	245	62	4	2	0.01	2.43	0
12120041+	12120018	12.45	1 1-	2 ACSR 6/1	0	0	579	244	8	0	0	0.00	2.43	0
12120017+	12120018	12.48	9 1-	2 ACSR 6/1	0	0	578	244	55	3	2	0.00	2.43	0
12120042+	12120017	12.74	9 1-	2 ACSR 6/1	0	0	565	242	55	3	2	0.01	2.44	0
12120043+	12120042	12.91	7 1-	2 ACSR 6/1	0	0	557	240	45	3	2	0.01	2.45	0
12120046+	12120043	13.14	4 1-	2 ACSR 6/1	0	0	547	239	18	1	1	0.00	2.45	0
12120033+	12120046	13.20	3 1-	2 ACSR 6/1	0	0	545	238	11	0	0	0.00	2.45	0
12120034+	12120033	13.28	1 1-	2 ACSR 6/1	0	0	541	237	5	0	0	0.00	2.45	0
12020008+	12120034	13.32	1 1-	2 ACSR 6/1	0	0	539	237	5	0	0	0.00	2.45	0
12020007+	12120034	13.33	0 1-	2 ACSR 6/1	0	0	539	237	0	0	0	0.00	2.45	0
12120044+	12120043	13.02	2 1-	2 ACSR 6/1	0	0	553	240	10	0	0	0.00	2.45	0
12120045+	12120044	13.08	1 1-	2 ACSR 6/1	0	0	550	239	3	0	0	0.00	2.45	0
12220031+	12220030	11.92	5 1-	2 ACSR 6/1	0	0	607	249	18	1	1	0.00	2.38	0
12220038+	12220031	11.99	4 1-	2 ACSR 6/1	0	0	602	248	17	1	1	0.00	2.39	0
12220041+	12220038	12.11	2 1-	2 ACSR 6/1	0	0	596	247	9	0	0	0.00	2.39	0
12220039+	12220041	12.16	0 1-	2 ACSR 6/1	0	0	594	247	0	0	0	0.00	2.39	0
12220040+	12220039	12.32	0 1-	2 ACSR 6/1	0	0	586	245	0	0	0	0.00	2.39	0
12220044+	12220028	11.83	2 1-	2 ACSR 6/1	0	0	611	249	5	0	0	0.00	2.37	0
12220045+	12220044	11.88	1 1-	2 ACSR 6/1	0	0	609	249	5	0	0	0.00	2.37	0
11290013+	11290021	10.34	0 1-	2 ACSR 6/1	0	0	705	263	0	0	0	0.00	2.11	0
11290016+	11280022	9.74	2 1-	2 ACSR 6/1	0	0	750	269	10	0	0	0.00	1.99	0
11280019+	11280018	9.36	1 1-	2 ACSR 6/1	0	0	783	273	9	0	0	0.00	1.90	0
11280017+	11280018	9.40	4 1-	2 ACSR 6/1	0	0	779	272	5	0	0	0.00	1.90	0
11280025+	11280017	9.66	1 1-	2 ACSR 6/1	0	0	757	270	1	0	0	0.00	1.90	0
11280026+	11280025	9.71	1 1-	2 ACSR 6/1	0	0	753	269	1	0	0	0.00	1.90	0
11280015+	11380022	9.13	2 1-	2 ACSR 6/1	0	0	804	275	11	0	0	0.00	1.85	0
11380019+	11380014	8.71	1 1-	2 ACSR 6/1	0	0	844	279	3	0	0	0.00	1.73	0
11380013+	11380012	8.60	0 1-	2 ACSR 6/1	0	0	855	280	0	0	0	0.00	1.69	0
11480039+	11480029	7.72	131 3-	1/0 ACSR 6/1	1241	1114	960	290	542	12	5	0.01	2.26	2
11480038+	11480039	7.77	131 3-	1/0 ACSR 6/1	1234	1108	954	290	542	12	5	0.01	2.26	4
11480037+	11480038	8.03	129 3-	1/0 ACSR 6/1	1202	1078	927	288	534	12	5	0.04	2.29	16
11380015+	11480037	8.11	127 3-	1/0 ACSR 6/1	1193	1069	919	287	512	11	5	0.01	2.30	4
11370056+	11380015	8.15	126 3-	1/0 ACSR 6/1	1188	1064	915	287	503	11	5	0.01	2.30	2
11370060+	11370056	8.24	1 1-	2 ACSR 6/1	0	0	905	286	6	0	0	0.00	1.43	0
11370031+	11370056	8.23	124 3-	1/0 ACSR 6/1	1179	1056	908	286	492	11	5	0.01	2.31	4
11370050+	11370031	8.38	123 3-	1/0 ACSR 6/1	1161	1040	894	285	486	11	5	0.02	2.32	8
11370043+	11370050	8.45	122 3-	1/0 ACSR 6/1	1153	1032	887	285	478	10	5	0.01	2.33	4
11370042+	11370043	8.50	2 1-	2 ACSR 6/1	0	0	882	284	13	0	1	0.00	2.18	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LROP DROP	TOTAL DROP	LINE LOSS
11370049+	11370043	8.64	119 3-	1/0 ACSR 6/1	1133	1013	870	283	463	10	5	0.03	2.34	9
11370048+	11370049	8.70	117 3-	1/0 ACSR 6/1	1126	1007	864	283	451	10	4	0.01	2.35	3
11370045+	11370048	8.78	2 1-	2 ACSR 6/1	0	0	857	282	14	0	1	0.00	2.21	0
11370046+	11370045	8.80	1 1-	2 ACSR 6/1	0	0	854	281	8	0	0	0.00	2.21	0
11370047+	11370046	8.98	0 1-	2 ACSR 6/1	0	0	836	280	0	0	0	0.00	2.21	0
11370044+	11370048	8.91	114 3-	1/0 ACSR 6/1	1105	987	847	281	429	9	4	0.03	2.36	8
11370062+	11370044	9.11	113 3-	1/0 ACSR 6/1	1084	968	830	279	426	9	4	0.03	2.38	8
11370063+	11370062	9.15	1 1-	2 ACSR 6/1	0	0	826	279	10	0	0	0.00	2.27	0
11370061+	11370062	9.38	112 3-	1/0 ACSR 6/1	1058	944	809	277	416	9	4	0.03	2.40	11
11370054+	11370061	9.44	38 1-	2 ACSR 6/1	0	0	804	277	154	10	6	0.01	3.52	0
11370055+	11370054	9.52	37 1-	2 ACSR 6/1	0	0	796	276	144	9	5	0.01	3.53	1
D11-37-P054+	11370055	9.52	35 1-	RCC-35-H	0	0	796	276	134	9	26	0.00	3.53	0
11370035+	D11-37-P054	9.53	35 1-	2 ACSR 6/1	0	0	796	276	134	9	5	0.00	3.53	0
11370036+	11370035	9.59	33 1-	2 ACSR 6/1	0	0	790	275	130	8	5	0.01	3.54	0
11370037+	11370036	9.65	32 1-	2 ACSR 6/1	0	0	785	275	124	8	5	0.01	3.54	0
11370033+	11370037	9.75	30 1-	2 ACSR 6/1	0	0	776	274	115	7	4	0.01	3.56	1
11370041+	11370033	9.85	27 1-	2 ACSR 6/1	0	0	768	273	107	7	4	0.01	3.57	0
11370040+	11370041	9.93	24 1-	2 ACSR 6/1	0	0	761	272	88	6	3	0.01	3.57	0
11270017+	11370040	10.00	22 1-	2 ACSR 6/1	0	0	755	271	85	5	3	0.01	3.58	0
11270018+	11270017	10.12	21 1-	2 ACSR 6/1	0	0	745	270	83	5	3	0.01	3.59	0
11270022+	11270018	10.18	0 1-	2 ACSR 6/1	0	0	740	269	0	0	0	0.00	3.59	0
11270019+	11270018	10.21	21 1-	2 ACSR 6/1	0	0	738	269	83	5	3	0.01	3.60	0
11270021+	11270019	10.28	20 1-	2 ACSR 6/1	0	0	733	268	75	5	3	0.01	3.60	0
11270032+	11270021	10.37	20 1-	2 ACSR 6/1	0	0	726	267	75	5	3	0.01	3.61	0
11270033+	11270032	10.46	18 1-	2 ACSR 6/1	0	0	719	266	70	4	3	0.01	3.62	0
11270025+	11270033	10.52	16 1-	2 ACSR 6/1	0	0	715	266	63	4	2	0.00	3.62	0
11270026+	11270025	10.56	15 1-	2 ACSR 6/1	0	0	712	265	56	3	2	0.00	3.62	0
11270027+	11270026	10.67	14 1-	2 ACSR 6/1	0	0	704	264	48	3	2	0.01	3.63	0
11270028+	11270027	10.78	11 1-	2 ACSR 6/1	0	0	696	263	45	3	2	0.01	3.63	0
11270031+	11270028	10.85	4 1-	2 ACSR 6/1	0	0	691	263	11	0	0	0.00	3.63	0
11270023+	11270031	10.95	3 1-	2 ACSR 6/1	0	0	685	262	10	0	0	0.00	3.63	0
11270024+	11270023	11.02	2 1-	2 ACSR 6/1	0	0	680	261	3	0	0	0.00	3.63	0
11280012+	11270024	11.05	2 1-	2 ACSR 6/1	0	0	678	261	3	0	0	0.00	3.63	0
11280013+	11280012	11.12	1 1-	2 ACSR 6/1	0	0	673	260	3	0	0	0.00	3.63	0
11280014+	11280013	11.31	0 1-	2 ACSR 6/1	0	0	661	258	0	0	0	0.00	3.63	0
11270029+	11270028	10.83	7 1-	2 ACSR 6/1	0	0	693	263	33	2	1	0.00	3.63	0
11270030+	11270029	10.95	6 1-	2 ACSR 6/1	0	0	684	262	32	2	1	0.00	3.64	0
11270034+	11270030	11.11	6 1-	2 ACSR 6/1	0	0	674	260	32	2	1	0.00	3.64	0
11270035+	11270034	11.23	5 1-	2 ACSR 6/1	0	0	666	259	27	1	1	0.00	3.65	0
11170005+	11270035	11.34	1 1-	2 ACSR 6/1	0	0	659	258	1	0	0	0.00	3.65	0
11170006+	11170005	11.49	0 1-	2 ACSR 6/1	0	0	650	257	0	0	0	0.00	3.65	0
11170002+	11270035	11.27	2 1-	2 ACSR 6/1	0	0	663	259	13	0	0	0.00	3.65	0
11270020+	11270019	10.42	0 1-	2 ACSR 6/1	0	0	722	267	0	0	0	0.00	3.60	0
11370039+	11370041	9.89	1 1-	2 ACSR 6/1	0	0	764	272	12	0	0	0.00	3.57	0
11370038+	11370033	9.81	1 1-	2 ACSR 6/1	0	0	771	273	1	0	0	0.00	3.56	0
11370032+	11370037	9.73	2 1-	2 ACSR 6/1	0	0	778	274	8	0	0	0.00	3.54	0
11370034+	11370055	9.58	1 1-	2 ACSR 6/1	0	0	791	275	4	0	0	0.00	3.53	0
11370053+	11370061	9.43	74 3-	1/0 ACSR 6/1	1053	940	805	277	262	5	3	0.00	2.40	0
11370052+	11370053	9.49	74 3-	1/0 ACSR 6/1	1048	935	801	277	262	5	3	0.01	2.41	0
11370051+	11370052	9.58	71 3-	1/0 ACSR 6/1	1040	927	794	276	254	5	3	0.01	2.41	1
11360017+	11370051	9.64	71 3-	1/0 ACSR 6/1	1035	922	790	275	254	5	3	0.01	2.41	0
11360018+	11360017	9.70	71 3-	1/0 ACSR 6/1	1029	917	785	275	254	5	3	0.01	2.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11360041+	11360018	9.71	69 3-	1/0 ACSR 6/1	1028	916	784	275	246	5	2	0.00	2.42	0
11360042+	11360041	9.74	68 3-	1/0 ACSR 6/1	1025	913	782	275	242	5	2	0.00	2.42	0
11360031+	11360042	9.82	5 1-	2 ACSR 6/1	0	0	776	274	22	1	1	0.00	2.34	0
11360032+	11360031	9.86	1 1-	2 ACSR 6/1	0	0	772	273	8	0	0	0.00	2.34	0
11360029+	11360031	9.86	1 1-	2 ACSR 6/1	0	0	772	274	7	0	0	0.00	2.34	0
11360030+	11360042	9.85	62 3-	1/0 ACSR 6/1	1016	905	775	274	209	4	2	0.01	2.42	0
11360028+	11360030	9.91	61 3-	1/0 ACSR 6/1	1011	900	771	273	207	4	2	0.01	2.43	0
11110046+	11360028	10.19	60 3-	1/0 ACSR 6/1	987	879	752	271	205	4	2	0.02	2.44	2
11110043+	11110046	10.26	59 3-	1/0 ACSR 6/1	982	873	747	271	201	4	2	0.01	2.44	0
11110042+	11110043	10.34	28 3-	1/0 ACSR 6/1	975	867	741	270	80	1	1	0.00	2.44	0
11110027+	11110042	10.47	6 1-	2 ACSR 6/1	0	0	732	269	15	1	1	0.00	1.41	0
11110044+	11110027	10.50	4 1-	2 ACSR 6/1	0	0	729	269	7	0	0	0.00	1.42	0
11110045+	11110044	10.56	3 1-	2 ACSR 6/1	0	0	725	268	6	0	0	0.00	1.42	0
D11-46-P077+	11110045	10.56	2 1-	FUS	0	0	725	268	2	0	3	0.00	1.42	0
11110050+	D11-46-P077	11.30	2 1-	2 ACSR 6/1	0	0	673	261	2	0	0	0.00	1.42	0
11470002+	11110050	11.36	1 1-	2 ACSR 6/1	0	0	669	260	0	0	0	0.00	1.42	0
11110052+	11110027	10.52	1 1-	2 ACSR 6/1	0	0	728	268	8	0	0	0.00	1.42	0
11110026+	11110042	10.49	20 3-	1/0 ACSR 6/1	963	856	732	269	54	1	1	0.00	2.44	0
11110040+	11110026	10.55	1 1-	2 ACSR 6/1	0	0	728	269	2	0	0	0.00	1.41	0
11110039+	11110026	10.56	19 3-	1/0 ACSR 6/1	957	851	728	269	52	1	1	0.00	2.44	0
11110038+	11110039	10.60	19 3-	1/0 ACSR 6/1	954	848	725	268	52	1	1	0.00	2.44	0
11110037+	11110038	10.68	18 3-	1/0 ACSR 6/1	949	843	721	268	51	1	1	0.00	2.44	0
11110053+	11110037	10.82	16 3-	1/0 ACSR 6/1	938	834	712	267	47	1	0	0.00	2.44	0
D11-46-P048+	11110053	10.82	16 3-	REC-100-4H	938	834	712	267	47	1	1	0.00	2.44	0
11110054+	D11-46-P048	10.85	16 3-	1/0 ACSR 6/1	936	831	710	267	47	1	0	0.00	2.44	0
11110035+	11110054	10.92	1 1-	2 ACSR 6/1	0	0	705	266	4	0	0	0.00	1.41	0
11110029+	11110054	10.89	2 1-	2 ACSR 6/1	0	0	707	266	5	0	0	0.00	1.41	0
11110028+	11110054	10.95	10 1-	2 ACSR 6/1	0	0	703	266	32	2	1	0.00	3.55	0
D11-46-P008+	11110028	10.95	10 1-	REC-25-H	0	0	703	266	32	2	9	0.00	3.55	0
11110030+	D11-46-P008	11.02	10 1-	2 ACSR 6/1	0	0	698	265	32	2	1	0.00	3.55	0
11110031+	11110030	11.04	9 1-	2 ACSR 6/1	0	0	697	265	31	2	1	0.00	3.55	0
11110032+	11110031	11.11	8 1-	2 ACSR 6/1	0	0	692	264	26	1	1	0.00	3.55	0
11110033+	11110032	11.20	7 1-	2 ACSR 6/1	0	0	686	263	24	1	1	0.00	3.55	0
11110034+	11110033	11.63	5 1-	2 ACSR 6/1	0	0	658	259	22	1	1	0.01	3.56	0
11450015+	11110034	11.70	0 1-	2 ACSR 6/1	0	0	654	259	0	0	0	0.00	3.56	0
11450016+	11450015	11.79	0 1-	2 ACSR 6/1	0	0	648	258	0	0	0	0.00	3.56	0
11450012+	11450016	12.06	0 1-	2 ACSR 6/1	0	0	632	255	0	0	0	0.00	3.56	0
11450017+	11110034	11.73	4 1-	2 ACSR 6/1	0	0	652	258	14	0	1	0.00	3.56	0
11450018+	11450017	11.95	3 1-	2 ACSR 6/1	0	0	639	256	14	0	1	0.00	3.56	0
11450019+	11450018	12.20	2 1-	2 ACSR 6/1	0	0	624	254	9	0	0	0.00	3.57	0
11450020+	11450019	12.27	2 1-	2 ACSR 6/1	0	0	620	253	9	0	0	0.00	3.57	0
11450013+	11450020	12.48	2 1-	2 ACSR 6/1	0	0	609	251	9	0	0	0.00	3.57	0
11450014+	11450013	12.63	1 1-	2 ACSR 6/1	0	0	601	250	8	0	0	0.00	3.57	0
11450011+	11450019	12.42	0 1-	2 ACSR 6/1	0	0	612	252	0	0	0	0.00	3.57	0
11110049+	11110054	10.96	3 3-	1/0 ACSR 6/1	928	824	704	266	6	0	0	0.00	2.44	0
11110036+	11110037	10.71	1 1-	2 ACSR 6/1	0	0	718	267	2	0	0	0.00	1.41	0
11110025+	11110037	10.74	0 1-	2 ACSR 6/1	0	0	716	267	0	0	0	0.00	2.38	0
11110041+	11110043	10.40	29 1-	2 ACSR 6/1	0	0	736	269	113	7	4	0.02	2.40	2
D11-46-P031+	11110041	10.40	29 1-	REC-25-H	0	0	736	269	113	7	31	0.00	2.40	0
11110048+	D11-46-P031	10.62	29 1-	2 ACSR 6/1	0	0	719	267	113	7	4	0.02	2.42	2
11360036+	11110048	10.71	10 1-	2 ACSR 6/1	0	0	712	266	43	2	2	0.00	2.42	0
11360033+	11360036	10.82	4 1-	2 ACSR 6/1	0	0	705	265	23	1	1	0.00	2.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11110047+	11360033	10.87	1 1-	2 ACSR 6/1	0	0	701	265	7	0	0	0.00	2.43	0
11360037+	11360036	11.17	2 1-	2 ACSR 6/1	0	0	680	262	9	0	0	0.00	2.43	0
11360035+	11360037	11.33	1 1-	2 ACSR 6/1	0	0	670	260	9	0	0	0.00	2.43	0
11360021+	11360035	11.58	0 1-	2 ACSR 6/1	0	0	654	258	0	0	0	0.00	2.43	0
11360034+	11110048	10.86	17 1-	2 ACSR 6/1	0	0	701	265	63	4	2	0.02	2.44	0
11360023+	11360034	11.10	16 1-	2 ACSR 6/1	0	0	685	263	54	3	2	0.01	2.45	0
11360024+	11360023	11.19	15 1-	2 ACSR 6/1	0	0	679	262	49	3	2	0.00	2.45	0
11360026+	11360024	11.29	15 1-	2 ACSR 6/1	0	0	673	261	49	3	2	0.00	2.46	0
11360027+	11360026	11.40	14 1-	2 ACSR 6/1	0	0	666	260	46	3	2	0.01	2.46	0
11360038+	11360027	11.95	14 1-	2 ACSR 6/1	0	0	632	255	46	3	2	0.03	2.49	0
11260022+	11360038	12.07	13 1-	2 ACSR 6/1	0	0	625	254	44	2	2	0.01	2.49	0
11260015+	11260022	12.10	11 1-	2 ACSR 6/1	0	0	623	253	42	2	2	0.00	2.49	0
11260016+	11260015	12.18	10 1-	2 ACSR 6/1	0	0	619	253	35	2	1	0.00	2.50	0
11260017+	11260016	12.30	8 1-	2 ACSR 6/1	0	0	613	252	22	1	1	0.00	2.50	0
11260018+	11260017	12.37	7 1-	2 ACSR 6/1	0	0	609	251	22	1	1	0.00	2.50	0
11260019+	11260018	12.51	6 1-	2 ACSR 6/1	0	0	601	250	21	1	1	0.00	2.50	0
11260020+	11260019	12.60	4 1-	2 ACSR 6/1	0	0	597	249	17	1	1	0.00	2.51	0
11260021+	11260020	12.66	1 1-	2 ACSR 6/1	0	0	594	248	4	0	0	0.00	2.51	0
11260013+	11260020	12.69	3 1-	2 ACSR 6/1	0	0	592	248	13	0	0	0.00	2.51	0
11160005+	11260013	12.89	1 1-	2 ACSR 6/1	0	0	582	246	3	0	0	0.00	2.51	0
11160006+	11160005	12.97	0 1-	2 ACSR 6/1	0	0	578	246	0	0	0	0.00	2.51	0
11260012+	11260016	12.54	2 1-	2 ACSR 6/1	0	0	600	249	13	0	0	0.00	2.50	0
11260014+	11260012	12.63	2 1-	2 ACSR 6/1	0	0	595	249	13	0	0	0.00	2.50	0
11160004+	11260014	12.74	1 1-	2 ACSR 6/1	0	0	590	248	6	0	0	0.00	2.50	0
11360016+	11360027	11.45	0 1-	2 ACSR 6/1	0	0	662	259	0	0	0	0.00	2.46	0
11360025+	11360024	11.27	0 1-	2 ACSR 6/1	0	0	674	261	0	0	0	0.00	2.45	0
11360019+	11360034	10.88	1 1-	2 ACSR 6/1	0	0	700	265	9	0	0	0.00	2.44	0
11360020+	11360019	10.91	1 1-	2 ACSR 6/1	0	0	698	264	9	0	0	0.00	2.44	0
11360022+	11360020	10.95	0 1-	2 ACSR 6/1	0	0	696	264	0	0	0	0.00	2.44	0
11370028+	11370051	9.63	0 1-	2 ACSR 6/1	0	0	789	275	0	0	0	0.00	1.40	0
11580050+	11580038	6.44	0 1-	2 ACSR 6/1	0	0	1117	301	0	0	0	0.00	1.94	0
11580040+	CAP156	6.10	111 3-	1/0 ACSR 6/1	1490	1349	1171	304	500	11	5	0.01	1.94	2
11580041+	11580040	6.21	110 3-	1/0 ACSR 6/1	1470	1331	1154	303	490	11	5	0.01	1.95	4
D11-58-P054+	11580041	6.21	110 3-	REC-35-H	1470	1331	1154	303	490	11	32	0.00	1.95	0
11580023+	D11-58-P054	6.29	110 3-	1/0 ACSR 6/1	1457	1318	1143	302	490	11	5	0.01	1.95	2
11680028+	11580023	6.35	107 3-	1/0 ACSR 6/1	1445	1306	1132	302	469	10	5	0.01	1.96	3
11680029+	11680028	6.39	105 3-	1/0 ACSR 6/1	1439	1300	1127	301	464	10	5	0.00	1.96	1
11680031+	11680029	6.62	103 3-	1/0 ACSR 6/1	1400	1263	1094	299	450	10	4	0.03	1.98	8
11680032+	11680031	6.67	99 3-	1/0 ACSR 6/1	1392	1256	1087	299	432	9	4	0.01	1.99	1
11680034+	11680032	6.74	1 1-	2 ACSR 6/1	0	0	1075	298	9	0	0	0.00	1.98	0
11680018+	11680032	6.70	98 3-	1/0 ACSR 6/1	1387	1252	1083	299	423	9	4	0.00	1.99	0
11680020+	11680018	6.81	93 3-	1/0 ACSR 6/1	1369	1235	1068	298	405	9	4	0.01	2.00	3
11680021+	11680020	6.92	92 3-	1/0 ACSR 6/1	1353	1219	1054	297	397	8	4	0.01	2.01	3
11680024+	11680021	7.02	91 3-	1/0 ACSR 6/1	1338	1206	1041	296	390	8	4	0.01	2.01	3
11680025+	11680024	7.07	2 1-	2 ACSR 6/1	0	0	1034	296	8	0	0	0.00	2.70	0
11680022+	11680025	7.12	1 1-	2 ACSR 6/1	0	0	1026	295	8	0	0	0.00	2.70	0
11680026+	11680024	7.07	88 3-	1/0 ACSR 6/1	1331	1199	1035	296	371	8	4	0.00	2.02	1
11680038+	11680026	7.14	86 3-	1/0 ACSR 6/1	1320	1188	1026	295	368	8	4	0.01	2.02	2
11680023+	11680038	7.32	86 3-	1/0 ACSR 6/1	1295	1165	1005	294	368	8	4	0.02	2.03	5
11780055+	11680023	7.39	84 3-	1/0 ACSR 6/1	1285	1156	997	293	357	8	4	0.01	2.04	2
11780056+	11780055	7.47	82 3-	1/0 ACSR 6/1	1273	1144	987	292	352	7	3	0.01	2.04	2
D11-78-P005+	11780056	7.47	31 1-	SEC-35-GH	0	0	987	292	114	7	0	0.00	2.06	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11780077+	D11-78-P005	7.54	31 1-	2 ACSR 6/1	0	0	977	292	114	7	4	0.01	2.06	0
11780078+	11780077	7.60	29 1-	2 ACSR 6/1	0	0	970	291	100	6	4	0.01	2.07	0
11780079+	11780078	7.65	26 1-	2 ACSR 6/1	0	0	963	290	88	5	3	0.00	2.07	0
11780086+	11780079	7.69	24 1-	2 ACSR 6/1	0	0	957	290	75	5	3	0.00	2.08	0
11780087+	11780086	7.78	20 1-	2 ACSR 6/1	0	0	946	289	57	3	2	0.00	2.08	0
11780063+	11780087	7.87	17 1-	2 ACSR 6/1	0	0	935	288	43	2	2	0.00	2.08	0
11780064+	11780063	8.01	13 1-	2 ACSR 6/1	0	0	918	286	37	2	1	0.00	2.09	0
11770007+	11780064	8.06	9 1-	2 ACSR 6/1	0	0	912	286	25	1	1	0.00	2.09	0
11770008+	11770007	8.08	9 1-	2 ACSR 6/1	0	0	909	286	25	1	1	0.00	2.09	0
11770009+	11770008	8.14	8 1-	2 ACSR 6/1	0	0	903	285	19	1	1	0.00	2.09	0
11770011+	11770009	8.23	8 1-	2 ACSR 6/1	0	0	892	284	19	1	1	0.00	2.09	0
11770012+	11770011	8.26	2 1-	2 ACSR 6/1	0	0	888	284	7	0	0	0.00	2.09	0
11770010+	11770011	8.28	5 1-	2 ACSR 6/1	0	0	887	283	10	0	0	0.00	2.09	0
11670008+	11770010	8.31	3 1-	2 ACSR 6/1	0	0	883	283	9	0	0	0.00	2.09	0
11780057+	11780056	7.50	49 3-	2 ACSR 6/1	1269	1140	983	292	231	5	3	0.00	2.04	0
11780058+	11780057	7.55	48 3-	2 ACSR 6/1	1260	1132	976	291	231	5	3	0.00	2.05	0
11780050+	11780058	7.60	47 3-	2 ACSR 6/1	1252	1124	969	291	222	5	3	0.00	2.05	0
11780060+	11780050	7.67	41 3-	2 ACSR 6/1	1240	1113	960	290	190	4	2	0.00	2.06	1
11780061+	11780060	7.70	40 3-	2 ACSR 6/1	1236	1109	957	290	184	4	2	0.00	2.06	0
D11-78-P015A+	11780061	7.70	12 1-	SEC-35-GH	0	0	957	290	48	3	0	0.00	2.06	0
11780062+	D11-78-P015A	7.73	12 1-	2 ACSR 6/1	0	0	953	289	48	3	2	0.00	2.06	0
11780074+	11780062	7.76	10 1-	2 ACSR 6/1	0	0	949	289	35	2	1	0.00	2.06	0
11780080+	11780074	7.82	9 1-	2 ACSR 6/1	0	0	941	288	30	2	1	0.00	2.06	0
11780081+	11780080	8.00	8 1-	2 ACSR 6/1	0	0	919	286	27	1	1	0.00	2.07	0
11780075+	11780081	8.05	4 1-	2 ACSR 6/1	0	0	913	286	10	0	0	0.00	2.07	0
11780076+	11780075	8.12	1 1-	2 ACSR 6/1	0	0	905	285	2	0	0	0.00	2.07	0
11780082+	11780081	8.13	1 1-	2 ACSR 6/1	0	0	904	285	6	0	0	0.00	2.07	0
D11-78-P015+	11780061	7.70	28 1-	SEC-35-GH	0	0	957	290	136	9	0	0.00	1.40	0
11780065+	D11-78-P015	7.77	28 1-	2 ACSR 6/1	0	0	948	289	136	9	5	0.01	1.41	0
11780066+	11780065	7.90	27 1-	2 ACSR 6/1	0	0	931	288	129	8	5	0.02	1.43	2
11780051+	11780066	7.99	2 1-	2 ACSR 6/1	0	0	920	286	10	0	0	0.00	1.43	0
11780052+	11780051	8.02	1 1-	2 ACSR 6/1	0	0	916	286	3	0	0	0.00	1.43	0
11780047+	11780066	7.95	25 1-	2 ACSR 6/1	0	0	925	287	118	7	4	0.01	1.44	0
11780069+	11780047	8.05	25 1-	2 ACSR 6/1	0	0	913	286	118	7	4	0.01	1.45	0
11780071+	11780069	8.15	19 1-	2 ACSR 6/1	0	0	901	285	90	6	3	0.01	1.46	0
11780088+	11780071	8.24	0 1-	2 ACSR 6/1	0	0	891	284	0	0	0	0.00	1.46	0
11780073+	11780071	8.19	2 1-	2 ACSR 6/1	0	0	896	284	13	0	0	0.00	1.46	0
11780072+	11780071	8.31	16 1-	2 ACSR 6/1	0	0	883	283	72	4	3	0.01	1.47	0
11780089+	11780072	8.37	6 1-	2 ACSR 6/1	0	0	876	282	16	1	1	0.00	1.47	0
11780090+	11780089	8.42	3 1-	2 ACSR 6/1	0	0	871	282	6	0	0	0.00	1.47	0
11780091+	11780090	8.47	0 1-	2 ACSR 6/1	0	0	866	281	0	0	0	0.00	1.47	0
11780083+	11780090	8.46	2 1-	2 ACSR 6/1	0	0	867	281	3	0	0	0.00	1.47	0
11780046+	11780072	8.37	8 1-	2 ACSR 6/1	0	0	876	282	39	2	1	0.00	1.47	0
11780049+	11780046	8.59	6 1-	2 ACSR 6/1	0	0	853	280	32	2	1	0.01	1.48	0
11880007+	11780049	8.68	5 1-	2 ACSR 6/1	0	0	844	279	24	1	1	0.00	1.48	0
11880009+	11880007	8.76	1 1-	2 ACSR 6/1	0	0	835	278	8	0	0	0.00	1.48	0
11880008+	11880007	8.88	4 1-	2 ACSR 6/1	0	0	824	277	16	1	1	0.00	1.48	0
11870005+	11880008	8.95	3 1-	2 ACSR 6/1	0	0	817	276	10	0	0	0.00	1.48	0
11870006+	11870005	9.14	1 1-	2 ACSR 6/1	0	0	799	274	8	0	0	0.00	1.48	0
11780085+	11780046	8.44	2 1-	2 ACSR 6/1	0	0	869	282	7	0	0	0.00	1.47	0
11780084+	11780072	8.37	1 1-	2 ACSR 6/1	0	0	876	282	11	0	0	0.00	1.47	0
11780070+	11780069	8.13	2 1-	2 ACSR 6/1	0	0	903	285	14	0	1	0.00	1.45	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11780068+	11780069	8.10	4 1-	2 ACSR 6/1	0	0	907	285	14	0	1	0.00	1.45	0
11780067+	11780068	8.13	2 1-	2 ACSR 6/1	0	0	903	285	8	0	0	0.00	1.45	0
11780053+	11780047	7.98	0 1-	2 ACSR 6/1	0	0	921	287	0	0	0	0.00	1.44	0
11780059+	11780050	7.64	3 1-	2 ACSR 6/1	0	0	964	290	16	1	1	0.00	2.06	0
11780054+	11680023	7.40	2 1-	2 ACSR 6/1	0	0	993	293	11	0	0	0.00	2.04	0
11680019+	11680018	6.73	5 1-	2 ACSR 6/1	0	0	1078	298	18	1	1	0.00	2.70	0
11680036+	11680019	7.11	2 1-	2 ACSR 6/1	0	0	1020	294	14	0	1	0.00	2.71	0
11680037+	11680036	7.13	1 1-	2 ACSR 6/1	0	0	1016	294	5	0	0	0.00	2.71	0
11680035+	11680019	6.78	3 1-	2 ACSR 6/1	0	0	1071	298	4	0	0	0.00	2.70	0
11680033+	11680031	6.64	2 1-	2 ACSR 6/1	0	0	1090	299	9	0	0	0.00	1.97	0
11680030+	11680029	6.43	1 1-	2 ACSR 6/1	0	0	1119	301	8	0	0	0.00	1.94	0
11680027+	11580023	6.33	3 1-	2 ACSR 6/1	0	0	1134	302	21	1	1	0.00	1.24	0
11580022+	11580046	5.96	11 1-	2 ACSR 6/1	0	0	1190	305	41	2	2	0.00	1.87	0
D11-58-P027+	11580022	5.96	11 1-	SEC-50-GH	0	0	1190	305	41	2	0	0.00	1.87	0
11580048+	D11-58-P027	6.23	11 1-	2 ACSR 6/1	0	0	1139	301	41	2	2	0.01	1.88	0
11590015+	11580048	6.30	9 1-	2 ACSR 6/1	0	0	1127	301	35	2	1	0.00	1.88	0
11590010+	11590015	6.34	7 1-	2 ACSR 6/1	0	0	1119	300	25	1	1	0.00	1.88	0
11590013+	11590010	6.36	5 1-	2 ACSR 6/1	0	0	1115	300	19	1	1	0.00	1.88	0
11590014+	11590013	6.45	3 1-	2 ACSR 6/1	0	0	1100	299	9	0	0	0.00	1.88	0
11590011+	11590010	6.37	2 1-	2 ACSR 6/1	0	0	1114	300	6	0	0	0.00	1.88	0
11590012+	11590011	6.42	2 1-	2 ACSR 6/1	0	0	1106	299	6	0	0	0.00	1.88	0
11690017+	11690026	5.46	3 1-	2 ACSR 6/1	0	0	1274	309	18	1	1	0.00	1.72	0
D11-59-P007+	11690017	5.46	3 1-	FUS	0	0	1274	309	18	1	27	0.00	1.72	0
11590018+	D11-59-P007	6.05	3 1-	2 ACSR 6/1	0	0	1152	301	18	1	1	0.01	1.73	0
D11-59-P017+	11590018	6.05	3 1-	FUS	0	0	1152	301	18	1	27	0.00	1.73	0
11590019+	D11-59-P017	6.19	3 1-	2 ACSR 6/1	0	0	1126	300	18	1	1	0.00	1.73	0
11590020+	11590019	6.42	3 1-	2 ACSR 6/1	0	0	1085	297	18	1	1	0.00	1.74	0
11590009+	11590020	6.52	2 1-	2 ACSR 6/1	0	0	1069	296	10	0	0	0.00	1.74	0
11490026+	11590009	6.59	2 1-	2 ACSR 6/1	0	0	1059	295	10	0	0	0.00	1.74	0
11490010+	11590009	6.70	0 1-	2 ACSR 6/1	0	0	1041	294	0	0	0	0.00	1.74	0
12620038+	12620039	4.03	4 1-	2 ACSR 6/1	0	0	1614	322	15	1	1	0.00	1.70	0
12720003+	12620038	4.22	4 1-	2 ACSR 6/1	0	0	1548	319	15	1	1	0.00	1.70	0
12720005+	12720003	4.27	3 1-	2 ACSR 6/1	0	0	1532	318	10	0	0	0.00	1.70	0
12720004+	12720005	4.52	1 1-	2 ACSR 6/1	0	0	1456	315	6	0	0	0.00	1.70	0
12720002+	12720004	4.72	0 1-	2 ACSR 6/1	0	0	1399	313	0	0	0	0.00	1.70	0
OH29+	12620051	2.53	0 3-	336 ACSR 18/1	2623	2476	2257	337	0	0	0	0.00	0.80	0
12630011+	12630029	2.23	27 1-	2 ACSR 6/1	0	0	2423	340	128	8	5	0.01	0.92	1
12630023+	12630011	2.25	26 1-	2 ACSR 6/1	0	0	2409	339	117	7	4	0.00	0.92	0
D12-63-P004A+	12630023	2.25	20 1-	RRC-35-H	0	0	2409	339	106	7	20	0.00	0.92	0
12630030+	D12-63-P004A	2.30	20 1-	2 ACSR 6/1	0	0	2372	339	106	7	4	0.01	0.92	0
12530012+	12630030	2.33	1 1-	2 ACSR 6/1	0	0	2344	338	7	0	0	0.00	0.92	0
12530011+	12630030	2.88	19 1-	2 ACSR 6/1	0	0	2002	330	99	6	4	0.06	0.98	4
12530005+	12530011	2.95	16 1-	2 ACSR 6/1	0	0	1968	329	81	5	3	0.00	0.99	0
12530013+	12530005	3.09	15 1-	2 ACSR 6/1	0	0	1894	327	73	4	3	0.01	1.00	0
12530014+	12530013	3.71	13 1-	2 ACSR 6/1	0	0	1630	319	68	4	3	0.04	1.04	2
12430025+	12530014	3.75	0 1-	2 ACSR 6/1	0	0	1614	319	0	0	0	0.00	1.04	0
12430026+	12430025	3.82	0 1-	2 ACSR 6/1	0	0	1590	318	0	0	0	0.00	1.04	0
12430013+	12530014	3.78	13 1-	2 ACSR 6/1	0	0	1602	318	68	4	3	0.01	1.04	0
12430014+	12430013	4.07	13 1-	2 ACSR 6/1	0	0	1504	314	68	4	3	0.02	1.06	0
12430012+	12430014	4.13	12 1-	2 ACSR 6/1	0	0	1487	314	63	4	2	0.00	1.07	0
12430023+	12430012	4.21	11 1-	2 ACSR 6/1	0	0	1462	313	62	4	2	0.01	1.07	0
12430024+	12430023	4.31	11 1-	2 ACSR 6/1	0	0	1431	311	62	4	2	0.01	1.08	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
SUB SUB	0 GIRDLER 0, CKT 1	1358			4669	4793	5042	190	7875						
	0CD14	GIRDLER 0.00	425 3-	BK5301	4669	4793	5042	190	2404	100 53	0.00	0.00	0.00	0	
	OH32	0CD14 0.04	425 3-	336 ACSR 18/1	4590	4693	4894	190	2404	100 19	0.02	0.02	0.02	39	
	10490097	OH32 0.07	425 3-	336 ACSR 18/1	4541	4632	4805	190	2404	100 19	0.02	0.03	0.03	25	
	10490096	10490097 0.11	422 3-	336 ACSR 18/1	4470	4545	4679	190	2387	99 19	0.02	0.02	0.05	36	
	10490094	10490096 0.17	419 3-	336 ACSR 18/1	4365	4415	4496	190	2367	98 19	0.03	0.08	0.08	55	
	10490093	10490094 0.20	3 1-	2 ACSR 6/1	0	0	4379	189	13	1 1	0.00	0.10	0.10	0	
	10490095	10490093 0.23	2 1-	2 ACSR 6/1	0	0	4260	189	5	0 0	0.00	0.10	0.10	0	
	10490092	10490094 0.24	413 3-	336 ACSR 18/1	4255	4280	4309	190	2347	97 18	0.04	0.11	0.11	59	
	10490141	10490092 0.31	407 3-	336 ACSR 18/1	4154	4160	4145	189	2333	97 18	0.03	0.14	0.14	56	
	D10-49-P219	10490141 0.31	407 3-	REC-100-L	4154	4160	4145	189	2332	97 97	0.00	0.14	0.14	0	
	10490100	D10-49-P219 0.32	407 3-	336 ACSR 18/1	4133	4134	4111	189	2332	97 18	0.01	0.14	0.14	12	
	10490102	10490100 0.38	3 1-	2 ACSR 6/1	0	0	3922	189	10	1 1	0.00	0.12	0.12	0	
	10490103	10490102 0.44	1 1-	2 ACSR 6/1	0	0	3745	188	7	0 0	0.00	0.12	0.12	0	
	10490101	10490100 0.40	394 3-	336 ACSR 18/1	4019	3999	3931	189	2291	95 18	0.04	0.18	0.18	65	
	10490050	10490101 0.45	1 1-	2 ACSR 6/1	0	0	3792	189	3	0 0	0.00	0.14	0.14	0	
	10490049	10490101 0.44	390 3-	1/0 ACSR 6/1	3942	3913	3821	189	2273	94 41	0.06	0.23	0.23	101	
	10490104	10490049 0.49	390 3-	1/0 ACSR 6/1	3858	3818	3703	189	2272	94 41	0.07	0.29	0.29	113	
	10490106	10490104 0.55	386 3-	1/0 ACSR 6/1	3739	3685	3541	188	2259	94 41	0.10	0.37	0.37	164	
	10490137	10490106 0.62	385 3-	1/0 ACSR 6/1	3613	3544	3375	188	2256	94 41	0.11	0.47	0.47	182	
	10490139	10490137 0.64	2 1-	2 ACSR 6/1	0	0	3316	188	13	1 1	0.00	0.39	0.39	0	
	10490140	10490139 0.70	1 1-	2 ACSR 6/1	0	0	3172	187	6	0 0	0.00	0.39	0.39	0	
	10490138	10490137 0.70	383 3-	1/0 ACSR 6/1	3479	3394	3202	188	2241	93 41	0.12	0.57	0.57	203	
	10490081	10490138 0.76	382 3-	1/0 ACSR 6/1	3387	3293	3088	187	2234	93 41	0.09	0.65	0.65	144	
	10490119	10490081 0.83	381 3-	1/0 ACSR 6/1	3282	3177	2960	187	2224	93 41	0.10	0.74	0.74	173	
	10490121	10490119 0.88	380 3-	1/0 ACSR 6/1	3200	3088	2863	187	2221	93 40	0.08	0.81	0.81	139	
	10490122	10490121 1.18	378 3-	1/0 ACSR 6/1	2820	2681	2434	185	2202	92 40	0.44	1.19	1.19	729	
	C10-49-P110	10490122 1.18	0 3-	Capacitor	2820	2681	2434	185	0	-6 0	0.00	0.00	0.00	1.19	0
	10490026	10490122 1.35	378 3-	1/0 ACSR 6/1	2638	2490	2240	184	2195	92 40	0.27	1.42	1.42	416	
	10390041	10490026 1.48	376 3-	1/0 ACSR 6/1	2511	2359	2110	183	2178	91 40	0.20	1.60	1.60	314	
	10390043	10390041 1.57	373 3-	1/0 ACSR 6/1	2430	2276	2028	183	2164	91 40	0.14	1.72	1.72	215	
	10390054	10390043 1.66	369 3-	1/0 ACSR 6/1	2354	2198	1952	183	2153	91 40	0.13	1.84	1.84	211	
	10390066	10390054 1.72	23 1-	2 ACSR 6/1	0	0	1898	182	135	17 10	0.03	1.81	1.81	3	
	D10-39-P087	10390066 1.72	23 1-	FUS	0	0	1898	182	135	17 393	0.00	1.81	1.81	0	
	10390064	D10-39-P087 1.76	23 1-	2 ACSR 6/1	0	0	1859	182	135	17 10	0.02	1.83	1.83	2	
	10390035	10390064 1.81	2 1-	2 ACSR 6/1	0	0	1816	181	5	0 0	0.00	1.83	1.83	0	
	10390045	10390064 1.82	19 1-	2 ACSR 6/1	0	0	1804	181	120	15 9	0.03	1.86	1.86	3	
	10390033	10390045 1.93	15 1-	2 ACSR 6/1	0	0	1719	180	98	12 7	0.04	1.89	1.89	3	
	10390057	10390033 2.03	11 1-	2 ACSR 6/1	0	0	1648	180	70	8 5	0.02	1.92	1.92	1	
	11320010	10390057 2.07	9 1-	2 ACSR 6/1	0	0	1616	179	54	6 4	0.01	1.93	1.93	0	
	11320012	11320010 2.16	8 1-	2 ACSR 6/1	0	0	1556	179	45	5 3	0.01	1.94	1.94	0	
	11320013	11320012 2.21	1 1-	2 ACSR 6/1	0	0	1527	178	13	1 1	0.00	1.94	1.94	0	
	11320014	11320012 2.22	6 1-	2 ACSR 6/1	0	0	1521	178	22	2 2	0.00	1.94	1.94	0	
	11320015	11320014 2.29	4 1-	2 ACSR 6/1	0	0	1481	178	13	1 1	0.00	1.95	1.95	0	
	11320017	11320015 2.35	2 1-	2 ACSR 6/1	0	0	1443	177	5	0 0	0.00	1.95	1.95	0	
	11320021	11320017 2.74	1 1-	2 ACSR 6/1	0	0	1256	175	5	0 0	0.00	1.95	1.95	0	
	11320016	11320015 2.33	2 1-	2 ACSR 6/1	0	0	1454	177	8	0 1	0.00	1.95	1.95	0	
	11320018	11320016 2.43	1 1-	2 ACSR 6/1	0	0	1400	177	7	0 1	0.00	1.95	1.95	0	
	11320011	11320010 2.11	1 1-	2 ACSR 6/1	0	0	1591	179	9	1 1	0.00	1.93	1.93	0	
	10390032	10390033 1.99	2 1-	2 ACSR 6/1	0	0	1674	180	17	2 1	0.00	1.90	1.90	0	
	10390034	10390033 2.04	1 1-	2 ACSR 6/1	0	0	1636	180	2	0 0	0.00	1.90	1.90	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10390031	10390045	1.90	2 1-	2 ACSR 6/1	0	0	1742	181	13	1	1	0.00	1.86	0
10390036	10390031	1.94	1 1-	2 ACSR 6/1	0	0	1711	180	7	0	0	0.00	1.86	0
10390030	10390045	1.89	2 1-	2 ACSR 6/1	0	0	1747	181	10	1	1	0.00	1.86	0
10390048	10390054	1.78	343 3-	1/0 ACSR 6/1	2261	2104	1861	182	1988	84	37	0.17	1.98	239
D10-39-P025	10390048	1.78	7 1-	FUS	0	0	1861	182	46	5	134	0.00	1.89	0
10390063	D10-39-P025	1.80	7 1-	2 ACSR 6/1	0	0	1836	182	46	5	3	0.00	1.89	0
10390065	10390063	1.84	2 1-	2 ACSR 6/1	0	0	1809	181	17	2	1	0.00	1.89	0
10390052	10390048	1.86	329 3-	1/0 ACSR 6/1	2200	2043	1803	181	1899	80	35	0.12	2.08	155
10390028	10390052	1.90	322 3-	1/0 ACSR 6/1	2168	2010	1772	181	1866	79	34	0.06	2.13	82
10390029	10390028	2.00	320 3-	1/0 ACSR 6/1	2102	1944	1709	181	1849	78	34	0.14	2.24	173
10390022	10390029	2.08	319 3-	1/0 ACSR 6/1	2049	1891	1660	180	1841	78	34	0.11	2.33	145
10390023	10390022	2.24	317 3-	1/0 ACSR 6/1	1948	1792	1567	180	1823	77	34	0.23	2.52	295
10390053	10390023	2.33	5 1-	2 ACSR 6/1	0	0	1516	179	13	1	1	0.00	2.23	0
10390058	10390053	2.38	4 1-	2 ACSR 6/1	0	0	1485	178	13	1	1	0.00	2.24	0
11320019	10390058	2.60	1 1-	2 ACSR 6/1	0	0	1366	177	6	0	0	0.00	2.24	0
11320008	10390058	2.42	1 1-	2 ACSR 6/1	0	0	1461	178	2	0	0	0.00	2.24	0
11320009	11320008	2.46	0 1-	2 ACSR 6/1	0	0	1437	178	0	0	0	0.00	2.24	0
10390056	10390023	2.33	312 3-	1/0 ACSR 6/1	1900	1744	1522	179	1808	76	33	0.12	2.62	150
10290029	10390056	2.41	311 3-	1/0 ACSR 6/1	1856	1701	1483	179	1800	76	33	0.11	2.71	142
10290030	10290029	2.45	3 1-	2 ACSR 6/1	0	0	1458	178	33	4	2	0.00	2.34	0
10290037	10290030	2.48	2 1-	2 ACSR 6/1	0	0	1441	178	18	2	1	0.00	2.34	0
10290011	10290029	2.52	308 3-	1/0 ACSR 6/1	1797	1644	1430	178	1765	75	33	0.16	2.83	197
10290047	10290011	2.57	2 1-	2 ACSR 6/1	0	0	1408	178	17	2	1	0.00	3.36	0
10290035	10290011	2.62	4 1-	2 ACSR 6/1	0	0	1382	177	27	3	2	0.01	2.75	0
10290036	10290035	2.69	3 1-	2 ACSR 6/1	0	0	1345	177	19	2	1	0.01	2.75	0
10290039	10290036	2.75	1 1-	2 ACSR 6/1	0	0	1317	176	10	1	1	0.00	2.75	0
10290040	10290039	2.85	0 1-	2 ACSR 6/1	0	0	1273	176	0	0	0	0.00	2.75	0
10290038	10290036	2.74	2 1-	2 ACSR 6/1	0	0	1321	176	8	1	1	0.00	2.75	0
10290034	10290011	2.56	1 1-	2 ACSR 6/1	0	0	1411	178	12	1	1	0.00	2.74	0
10290014	10290011	2.61	301 3-	1/0 ACSR 6/1	1754	1602	1392	178	1707	72	32	0.12	2.93	141
10290049	10290014	2.71	300 3-	1/0 ACSR 6/1	1710	1559	1352	177	1691	72	31	0.13	3.02	151
10290013	10290049	2.73	296 3-	1/0 ACSR 6/1	1699	1549	1343	177	1674	71	31	0.03	3.05	35
D10-29-P023	10290013	2.73	27 1-	REC-35-H	0	0	1343	177	124	15	46	0.00	3.00	0
11220040	D10-29-P023	2.80	27 1-	2 ACSR 6/1	0	0	1310	176	124	15	9	0.03	3.03	3
11220023	11220040	2.86	4 1-	2 ACSR 6/1	0	0	1285	176	15	1	1	0.00	3.03	0
11220029	11220040	3.01	5 1-	2 ACSR 6/1	0	0	1222	175	32	4	2	0.02	3.05	0
11220034	11220029	3.11	3 1-	2 ACSR 6/1	0	0	1184	174	21	2	2	0.01	3.06	0
11220028	11220034	3.15	2 1-	2 ACSR 6/1	0	0	1168	174	16	2	1	0.00	3.06	0
11220022	11220028	3.34	1 1-	2 ACSR 6/1	0	0	1104	173	10	1	1	0.00	3.07	0
11220044	11220022	3.39	0 1-	2 ACSR 6/1	0	0	1086	172	0	0	0	0.00	3.07	0
11220015	11220040	2.89	18 1-	2 ACSR 6/1	0	0	1270	176	77	9	6	0.02	3.06	2
11220030	11220015	3.14	14 1-	2 ACSR 6/1	0	0	1172	174	53	6	4	0.05	3.10	2
11220031	11220030	3.24	12 1-	2 ACSR 6/1	0	0	1138	173	47	6	3	0.02	3.12	0
11220032	11220031	3.34	11 1-	2 ACSR 6/1	0	0	1103	173	44	5	3	0.02	3.14	0
11220033	11220032	3.41	1 1-	2 ACSR 6/1	0	0	1081	172	4	0	0	0.00	3.14	0
11220026	11220032	3.66	10 1-	2 ACSR 6/1	0	0	1007	170	40	5	3	0.05	3.18	2
11220020	11220026	3.71	2 1-	2 ACSR 6/1	0	0	993	170	7	0	1	0.00	3.18	0
11220019	11220020	3.83	1 1-	2 ACSR 6/1	0	0	963	169	1	0	0	0.00	3.18	0
11220013	11220026	3.72	8 1-	2 ACSR 6/1	0	0	990	170	32	4	2	0.01	3.19	0
11220043	11220013	3.78	7 1-	2 ACSR 6/1	0	0	975	170	25	3	2	0.01	3.19	0
11220027	11220043	3.85	1 1-	2 ACSR 6/1	0	0	956	169	0	0	0	0.00	3.19	0
11220024	11220043	3.87	6 1-	2 ACSR 6/1	0	0	952	169	25	3	2	0.01	3.20	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11220025	11220024	4.11	5 1-	2 ACSR 6/1	0	0	896	167	16	2	1	0.01	3.21	0
D11-23-P010	11220025	4.11	4 1-	FUS	0	0	896	167	9	1	28	0.00	3.21	0
11230016	D11-23-P010	4.64	4 1-	2 ACSR 6/1	0	0	793	164	9	1	1	0.02	3.23	0
11330016	11230016	4.72	3 1-	2 ACSR 6/1	0	0	779	163	7	0	0	0.00	3.23	0
11330017	11330016	4.76	1 1-	2 ACSR 6/1	0	0	772	163	5	0	0	0.00	3.23	0
11220016	11220026	3.72	0 1-	2 ACSR 6/1	0	0	990	170	0	0	0	0.00	3.18	0
11220035	11220015	2.97	4 1-	2 ACSR 6/1	0	0	1238	175	24	3	2	0.01	3.06	0
11220036	11220035	3.03	2 1-	2 ACSR 6/1	0	0	1215	175	13	1	1	0.00	3.06	0
10290012	10290013	2.92	268 3-	1/0 ACSR 6/1	1620	1472	1274	176	1534	65	29	0.27	3.22	253
11220018	10290012	3.10	241 3-	1/0 ACSR 6/1	1548	1404	1212	175	1389	59	26	0.30	3.38	223
CAP123	11220018	3.10	241 3-	Capacitor	0	0	0	0	1387	59	0	0.00	3.38	0
11220042	CAP123	3.13	241 3-	1/0 ACSR 6/1	1536	1392	1201	175	1387	59	26	0.06	3.41	40
D11-22-P071	11220042	3.13	241 3-	REC-70-4H	1536	1392	1201	175	1387	59	86	0.00	3.41	0
11220041	D11-22-P071	3.17	241 3-	1/0 ACSR 6/1	1521	1377	1188	175	1387	59	26	0.07	3.45	52
11220017	11220041	3.23	240 3-	1/0 ACSR 6/1	1500	1358	1170	175	1385	59	26	0.10	3.50	72
11220021	11220017	3.29	239 3-	1/0 ACSR 6/1	1480	1339	1153	174	1383	59	26	0.10	3.56	71
11120034	11220021	3.45	234 3-	1/0 ACSR 6/1	1427	1289	1109	173	1356	58	26	0.27	3.70	190
11120035	11120034	3.51	233 3-	1/0 ACSR 6/1	1407	1270	1092	173	1347	58	25	0.11	3.76	77
11120029	11120035	3.67	232 3-	1/0 ACSR 6/1	1360	1225	1052	172	1336	58	25	0.26	3.90	186
11120036	11120029	3.69	232 3-	1/0 ACSR 6/1	1353	1219	1047	172	1335	58	25	0.04	3.92	28
11120037	11120036	3.73	232 3-	1/0 ACSR 6/1	1342	1208	1037	172	1334	58	25	0.07	3.96	49
11120031	11120037	3.81	103 3-	1/0 ACSR 6/1	1320	1187	1019	172	655	28	12	0.09	3.99	31
11120039	11120031	3.88	1 1-	2 ACSR 6/1	0	0	1001	171	8	1	1	0.00	2.86	0
11120030	11120031	4.06	102 3-	1/0 ACSR 6/1	1254	1125	964	170	646	28	12	0.28	4.10	98
11120019	11120030	4.21	44 1-	2 ACSR 6/1	0	0	930	169	268	35	20	0.14	5.80	32
D11-12-P006	11120019	4.21	43 1-	REC-35-H	0	0	930	169	263	34	99	0.00	5.80	0
11120020	D11-12-P006	4.29	43 1-	2 ACSR 6/1	0	0	910	169	263	34	19	0.09	5.88	19
11120040	11120020	4.48	43 1-	2 ACSR 6/1	0	0	870	168	263	34	19	0.18	6.07	39
11020013	11120040	4.60	36 1-	2 ACSR 6/1	0	0	847	167	210	27	15	0.08	6.15	14
11020011	11020013	4.80	32 1-	2 ACSR 6/1	0	0	809	165	185	24	14	0.14	6.29	21
11020012	11020011	4.97	31 1-	2 ACSR 6/1	0	0	780	164	173	22	13	0.11	6.40	16
5920008	11020012	5.03	2 1-	2 ACSR 6/1	0	0	770	164	18	2	1	0.00	6.40	0
5920006	11020012	5.21	29 1-	2 ACSR 6/1	0	0	742	163	155	20	11	0.14	6.54	17
5920007	5920006	5.51	28 1-	2 ACSR 6/1	0	0	699	161	150	19	11	0.17	6.71	21
5820022	5920007	5.62	23 1-	2 ACSR 6/1	0	0	685	160	130	17	10	0.05	6.76	5
5820023	5820022	5.76	21 1-	2 ACSR 6/1	0	0	667	159	122	16	9	0.07	6.82	7
5820010	5820023	5.79	0 1-	2 ACSR 6/1	0	0	663	159	0	0	0	0.00	6.82	0
5820019	5820023	5.95	21 1-	2 ACSR 6/1	0	0	645	158	122	16	9	0.09	6.91	9
D05-82-P041	5820019	5.95	10 1-	SEC-35-GH	0	0	645	158	65	8	0	0.00	6.91	0
5820011	D05-82-P041	6.18	10 1-	2 ACSR 6/1	0	0	619	157	65	8	5	0.06	6.96	3
5820033	5820011	6.23	0 1-	2 ACSR 6/1	0	0	614	156	0	0	0	0.00	6.96	0
5820034	5820033	6.29	0 1-	2 ACSR 6/1	0	0	608	156	0	0	0	0.00	6.96	0
5820020	5820034	6.44	0 1-	2 ACSR 6/1	0	0	593	155	0	0	0	0.00	6.96	0
5820028	5820011	6.32	10 1-	2 ACSR 6/1	0	0	605	156	65	8	5	0.03	7.00	2
5820029	5820028	6.39	0 1-	2 ACSR 6/1	0	0	598	155	0	0	0	0.00	7.00	0
5820026	5820029	6.47	0 1-	2 ACSR 6/1	0	0	590	155	0	0	0	0.00	7.00	0
5820027	5820028	6.53	8 1-	2 ACSR 6/1	0	0	585	155	54	7	4	0.04	7.04	2
5720029	5820027	6.67	5 1-	2 ACSR 6/1	0	0	571	154	26	3	2	0.01	7.05	0
5720030	5720029	6.71	3 1-	2 ACSR 6/1	0	0	568	153	18	2	1	0.00	7.05	0
5720035	5720030	6.76	3 1-	2 ACSR 6/1	0	0	563	153	18	2	1	0.00	7.06	0
5720036	5720035	6.82	2 1-	2 ACSR 6/1	0	0	558	153	18	2	1	0.00	7.06	0
5720028	5820027	6.76	3 1-	2 ACSR 6/1	0	0	564	153	28	3	2	0.02	7.06	0

Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
5720015	5720028	6.88	0 1-	2 ACSR 6/1	0	0	553	153	0	0	0	0.00	7.06	0
5720016	5720015	6.93	0 1-	2 ACSR 6/1	0	0	549	152	0	0	0	0.00	7.06	0
5720012	5720016	6.98	0 1-	2 ACSR 6/1	0	0	545	152	0	0	0	0.00	7.06	0
5720011	5720016	7.00	0 1-	2 ACSR 6/1	0	0	543	152	0	0	0	0.00	7.06	0
5720013	5720028	6.80	3 1-	2 ACSR 6/1	0	0	560	153	28	3	2	0.00	7.07	0
5720017	5720013	6.86	2 1-	2 ACSR 6/1	0	0	555	153	20	2	1	0.00	7.07	0
5720018	5720017	6.91	1 1-	2 ACSR 6/1	0	0	551	152	11	1	1	0.00	7.07	0
5820030	5820019	6.93	10 1-	2 ACSR 6/1	0	0	549	152	56	7	4	0.19	7.10	9
5830004	5820030	6.98	9 1-	2 ACSR 6/1	0	0	545	152	49	6	4	0.01	7.11	0
5830010	5830004	7.25	6 1-	2 ACSR 6/1	0	0	523	150	37	4	3	0.03	7.14	0
5830011	5830010	7.28	5 1-	2 ACSR 6/1	0	0	521	150	28	3	2	0.00	7.15	0
5830003	5830011	7.56	4 1-	2 ACSR 6/1	0	0	501	149	21	2	2	0.02	7.17	0
5730006	5830003	7.93	3 1-	2 ACSR 6/1	0	0	476	147	15	1	1	0.01	7.18	0
5830008	5830004	7.25	2 1-	2 ACSR 6/1	0	0	523	150	9	1	1	0.01	7.12	0
5830009	5830008	7.37	1 1-	2 ACSR 6/1	0	0	515	150	2	0	0	0.00	7.12	0
5730007	5830009	7.64	0 1-	2 ACSR 6/1	0	0	495	148	0	0	0	0.00	7.12	0
5730005	5730007	7.69	0 1-	2 ACSR 6/1	0	0	492	148	0	0	0	0.00	7.12	0
5820021	5920007	5.59	5 1-	2 ACSR 6/1	0	0	688	160	20	2	1	0.01	6.71	0
5820024	5820021	5.66	3 1-	2 ACSR 6/1	0	0	680	160	16	2	1	0.00	6.71	0
5820025	5820024	5.75	2 1-	2 ACSR 6/1	0	0	668	159	5	0	0	0.00	6.71	0
11020009	11120040	4.59	6 1-	2 ACSR 6/1	0	0	848	167	41	5	3	0.02	6.08	0
11020008	11020009	4.63	1 1-	2 ACSR 6/1	0	0	841	167	8	1	1	0.00	6.08	0
11020010	11020009	4.69	4 1-	2 ACSR 6/1	0	0	829	166	32	4	2	0.01	6.09	0
11020014	11020010	4.75	2 1-	2 ACSR 6/1	0	0	819	166	17	2	1	0.00	6.09	0
11120043	11120020	4.44	0 1-	2 ACSR 6/1	0	0	879	168	0	0	0	0.00	5.88	0
11120046	11120019	4.25	1 1-	2 ACSR 6/1	0	0	920	169	5	0	0	0.00	5.80	0
11120021	11120030	4.09	58 3-	1/0 ACSR 6/1	1248	1120	959	170	377	16	7	0.01	4.11	3
D11-12-P062	11120021	4.09	58 3-	REC-35-H	1248	1120	959	170	377	16	7	0.00	4.11	0
11120022	D11-12-P062	4.16	58 3-	1/0 ACSR 6/1	1230	1103	944	170	377	16	7	0.03	4.13	9
11120025	11120022	4.48	57 3-	1/0 ACSR 6/1	1159	1037	886	168	370	16	7	0.14	4.20	39
D10-09-P010	11120025	4.48	32 1-	SEC-25-GH	0	0	886	168	229	29	0	0.00	3.09	0
10090020	D10-09-P010	4.68	32 1-	2 ACSR 6/1	0	0	845	167	229	29	16	0.17	3.25	30
10090021	10090020	4.73	30 1-	2 ACSR 6/1	0	0	836	167	212	27	15	0.04	3.29	6
10090022	10090021	4.77	29 1-	2 ACSR 6/1	0	0	828	166	203	26	15	0.03	3.32	5
10090023	10090022	4.80	29 1-	2 ACSR 6/1	0	0	823	166	203	26	15	0.02	3.34	4
10090028	10090023	4.91	27 1-	2 ACSR 6/1	0	0	804	166	189	24	14	0.07	3.41	10
10090033	10090028	4.97	23 1-	2 ACSR 6/1	0	0	793	165	160	20	11	0.03	3.44	4
10090029	10090033	5.01	21 1-	2 ACSR 6/1	0	0	786	165	149	19	11	0.02	3.46	3
10090025	10090029	5.03	3 1-	2 ACSR 6/1	0	0	782	165	20	2	1	0.00	3.47	0
10090026	10090025	5.11	2 1-	2 ACSR 6/1	0	0	770	164	18	2	1	0.00	3.47	0
10090024	10090029	5.06	17 1-	2 ACSR 6/1	0	0	778	165	113	14	8	0.02	3.48	2
10090027	10090024	5.18	1 1-	2 ACSR 6/1	0	0	758	164	2	0	0	0.00	3.49	0
10090032	10090024	5.10	16 1-	2 ACSR 6/1	0	0	772	164	111	14	8	0.01	3.50	1
10190007	10090032	5.25	15 1-	2 ACSR 6/1	0	0	748	163	105	13	8	0.06	3.56	5
10190005	10190007	5.35	15 1-	2 ACSR 6/1	0	0	732	163	105	13	8	0.04	3.60	3
10090035	10190005	5.52	14 1-	2 ACSR 6/1	0	0	709	162	96	12	7	0.06	3.65	4
10080018	10090035	5.56	13 1-	2 ACSR 6/1	0	0	703	161	88	11	6	0.01	3.67	0
10080019	10080018	5.61	12 1-	2 ACSR 6/1	0	0	696	161	76	9	5	0.01	3.68	0
10080010	10080019	5.64	1 1-	2 ACSR 6/1	0	0	692	161	3	0	0	0.00	3.68	0
10080008	10080019	5.75	11 1-	2 ACSR 6/1	0	0	678	160	73	9	5	0.03	3.71	2
10080009	10080008	5.83	9 1-	2 ACSR 6/1	0	0	669	160	57	7	4	0.01	3.73	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10080013	10080007	5.91	6 1-	2 ACSR 6/1	0	0	659	159	32	4	2	0.01	3.74	0
10080014	10080013	5.98	5 1-	2 ACSR 6/1	0	0	650	159	32	4	2	0.01	3.74	0
10080012	10080014	6.05	2 1-	2 ACSR 6/1	0	0	642	158	10	1	1	0.00	3.75	0
10080020	10080012	6.22	1 1-	2 ACSR 6/1	0	0	623	157	3	0	0	0.00	3.75	0
10080011	10080014	6.03	1 1-	2 ACSR 6/1	0	0	645	158	10	1	1	0.00	3.75	0
10080006	10080011	6.09	1 1-	2 ACSR 6/1	0	0	638	158	10	1	1	0.00	3.75	0
10080005	10080007	5.98	1 1-	2 ACSR 6/1	0	0	650	159	2	0	0	0.00	3.73	0
10190008	10190007	5.37	0 1-	2 ACSR 6/1	0	0	730	163	0	0	0	0.00	3.56	0
10090019	10090023	4.94	2 1-	2 ACSR 6/1	0	0	798	165	14	1	1	0.00	3.34	0
10090031	10090019	5.06	1 1-	2 ACSR 6/1	0	0	778	165	5	0	0	0.00	3.35	0
10090030	11120025	5.07	23 1-	2 ACSR 6/1	0	0	776	164	130	17	10	0.28	6.12	30
4990004	10090030	5.14	22 1-	2 ACSR 6/1	0	0	765	164	123	16	9	0.03	6.15	3
4990005	4990004	5.20	21 1-	2 ACSR 6/1	0	0	755	164	117	15	9	0.03	6.18	3
4990006	4990005	5.59	20 1-	2 ACSR 6/1	0	0	699	161	111	14	8	0.16	6.34	15
4890021	4990006	5.70	20 1-	2 ACSR 6/1	0	0	685	160	110	14	8	0.04	6.38	4
4890022	4890021	5.80	1 1-	2 ACSR 6/1	0	0	672	160	8	1	1	0.00	6.38	0
4890018	4890021	5.75	19 1-	2 ACSR 6/1	0	0	678	160	102	13	8	0.02	6.40	2
D04-89-P022	4890018	5.75	4 1-	FUS	0	0	678	160	7	0	22	0.00	6.40	0
4890032	D04-89-P022	5.88	4 1-	2 ACSR 6/1	0	0	663	159	7	0	1	0.00	6.41	0
4890027	4890032	5.98	2 1-	2 ACSR 6/1	0	0	651	159	7	0	1	0.00	6.41	0
4890023	4890027	6.11	2 1-	2 ACSR 6/1	0	0	636	158	7	0	1	0.00	6.41	0
4890024	4890023	6.34	1 1-	2 ACSR 6/1	0	0	611	156	0	0	0	0.00	6.41	0
4890030	4890024	6.41	1 1-	2 ACSR 6/1	0	0	604	156	0	0	0	0.00	6.41	0
4890025	4890024	6.41	0 1-	2 ACSR 6/1	0	0	604	156	0	0	0	0.00	6.41	0
4890028	4890018	5.85	15 1-	2 ACSR 6/1	0	0	666	159	95	12	7	0.03	6.44	3
4890029	4890028	6.04	14 1-	2 ACSR 6/1	0	0	644	158	92	12	7	0.06	6.50	5
4890014	4890029	6.07	1 1-	2 ACSR 6/1	0	0	640	158	5	0	0	0.00	6.50	0
4890019	4890029	6.17	13 1-	2 ACSR 6/1	0	0	629	157	86	11	6	0.04	6.54	3
4890015	4890019	6.41	6 1-	2 ACSR 6/1	0	0	604	156	46	6	3	0.04	6.58	1
4890016	4890015	6.60	5 1-	2 ACSR 6/1	0	0	586	155	37	4	3	0.02	6.61	0
4890017	4890016	6.78	4 1-	2 ACSR 6/1	0	0	569	154	31	4	2	0.02	6.62	0
5720014	4890017	6.88	3 1-	2 ACSR 6/1	0	0	560	153	26	3	2	0.01	6.63	0
5720033	5720014	7.00	3 1-	2 ACSR 6/1	0	0	550	153	26	3	2	0.01	6.64	0
5720031	5720033	7.09	2 1-	2 ACSR 6/1	0	0	543	152	12	1	1	0.00	6.65	0
5720032	5720031	7.14	1 1-	2 ACSR 6/1	0	0	538	152	9	1	1	0.00	6.65	0
5720034	5720032	7.21	0 1-	2 ACSR 6/1	0	0	533	151	0	0	0	0.00	6.65	0
4890012	4890019	6.27	7 1-	2 ACSR 6/1	0	0	619	157	40	5	3	0.01	6.56	0
D04-89-P004	4890012	6.27	4 1-	FUS	0	0	619	157	25	3	75	0.00	6.56	0
4890031	D04-89-P004	6.96	4 1-	2 ACSR 6/1	0	0	553	153	25	3	2	0.06	6.62	1
4790004	4890031	7.10	3 1-	2 ACSR 6/1	0	0	542	152	20	2	1	0.01	6.63	0
4790007	4790004	7.20	3 1-	2 ACSR 6/1	0	0	534	151	20	2	1	0.01	6.63	0
4790008	4790007	7.27	2 1-	2 ACSR 6/1	0	0	528	151	18	2	1	0.00	6.64	0
4790006	4790008	7.32	1 1-	2 ACSR 6/1	0	0	525	151	14	1	1	0.00	6.64	0
4790005	4790008	7.32	1 1-	2 ACSR 6/1	0	0	525	151	4	0	0	0.00	6.64	0
4890020	4890012	6.87	3 1-	2 ACSR 6/1	0	0	561	153	16	2	1	0.03	6.59	0
4790009	4890020	6.95	2 1-	2 ACSR 6/1	0	0	554	153	12	1	1	0.00	6.59	0
4790010	4790009	7.06	1 1-	2 ACSR 6/1	0	0	545	152	5	0	0	0.00	6.59	0
11120027	11120022	4.21	1 1-	2 ACSR 6/1	0	0	934	170	7	0	1	0.00	3.74	0
11120032	11120031	3.88	0 1-	2 ACSR 6/1	0	0	1000	171	0	0	0	0.00	3.74	0
11120018	11120037	4.10	129 3-	1/0 ACSR 6/1	1245	1117	957	170	679	29	13	0.21	4.12	108
11120047	11120018	4.20	128 3-	1/0 ACSR 6/1	1222	1095	938	170	670	29	13	0.05	4.17	28
11120048	11120047	4.29	128 3-	1/0 ACSR 6/1	1199	1075	919	169	669	29	13	0.05	4.21	27

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11120042	11120048	4.40	3 1-	2 ACSR 6/1	0	0	896	169	9	1	1	0.00	5.60	0
11120017	11120048	4.46	125 3-	1/0 ACSR 6/1	1162	1040	889	169	660	28	12	0.09	4.29	46
11120038	11120017	4.68	121 3-	1/0 ACSR 6/1	1117	998	852	167	633	27	12	0.10	4.38	55
11130035	11120038	4.86	121 3-	1/0 ACSR 6/1	1082	966	824	167	632	27	12	0.08	4.46	45
D11-13-P004	11130035	4.86	8 1-	FUS	0	0	824	167	40	5	118	0.00	4.53	0
11130049	D11-13-P004	4.97	8 1-	2 ACSR 6/1	0	0	806	166	40	5	3	0.01	4.54	0
11130031	11130049	5.02	7 1-	2 ACSR 6/1	0	0	795	166	29	3	2	0.00	4.55	0
11130051	11130031	5.19	5 1-	2 ACSR 6/1	0	0	769	164	15	1	1	0.01	4.56	0
11130052	11130051	5.34	5 1-	2 ACSR 6/1	0	0	745	163	15	1	1	0.01	4.57	0
11230007	11130052	5.41	4 1-	2 ACSR 6/1	0	0	734	163	12	1	1	0.00	4.57	0
11230008	11230007	5.49	2 1-	2 ACSR 6/1	0	0	723	163	3	0	0	0.00	4.57	0
11230009	11230008	5.59	2 1-	2 ACSR 6/1	0	0	709	162	3	0	0	0.00	4.57	0
11230017	11230009	5.71	1 1-	2 ACSR 6/1	0	0	693	161	2	0	0	0.00	4.57	0
11230018	11230017	5.74	1 1-	2 ACSR 6/1	0	0	689	161	2	0	0	0.00	4.57	0
11130032	11130035	4.96	113 3-	1/0 ACSR 6/1	1064	949	810	166	592	25	11	0.05	4.50	21
11130033	11130032	5.13	111 3-	1/0 ACSR 6/1	1035	922	786	165	589	25	11	0.08	4.56	36
11130026	11130033	5.28	111 3-	1/0 ACSR 6/1	1010	899	766	165	589	25	11	0.07	4.62	33
11130036	11130026	5.33	48 1-	2 ACSR 6/1	0	0	759	164	223	29	16	0.04	4.81	7
D11-13-P045	11130036	5.33	47 1-	SEC-50-GH	0	0	759	164	222	29	0	0.00	4.81	0
11130050	D11-13-P045	5.93	47 1-	2 ACSR 6/1	0	0	675	160	222	29	16	0.49	5.30	86
11030008	11130050	6.02	45 1-	2 ACSR 6/1	0	0	664	160	209	27	15	0.07	5.37	11
11030007	11030008	6.07	43 1-	2 ACSR 6/1	0	0	658	160	197	25	14	0.03	5.40	5
11030013	11030007	6.11	42 1-	2 ACSR 6/1	0	0	653	159	191	25	14	0.03	5.43	5
11030014	11030013	6.15	40 1-	2 ACSR 6/1	0	0	648	159	184	24	13	0.03	5.46	4
11030011	11030014	6.20	37 1-	2 ACSR 6/1	0	0	642	159	180	23	13	0.04	5.50	5
11030012	11030011	6.26	1 1-	2 ACSR 6/1	0	0	635	158	7	0	1	0.00	5.50	0
11030009	11030011	6.30	36 1-	2 ACSR 6/1	0	0	632	158	173	22	13	0.06	5.56	8
11040007	11030009	6.45	35 1-	2 ACSR 6/1	0	0	616	157	169	22	12	0.09	5.65	13
11040008	11040007	6.54	32 1-	2 ACSR 6/1	0	0	607	157	158	20	12	0.05	5.70	6
11040006	11040008	6.70	31 1-	2 ACSR 6/1	0	0	590	156	153	20	11	0.09	5.79	11
5940006	11040006	6.99	30 1-	2 ACSR 6/1	0	0	564	154	147	19	11	0.15	5.95	18
5940007	5940006	7.06	29 1-	2 ACSR 6/1	0	0	558	154	141	18	10	0.04	5.98	4
5940005	5940007	7.17	24 1-	2 ACSR 6/1	0	0	549	153	129	17	9	0.05	6.04	6
5840005	5940005	7.33	22 1-	2 ACSR 6/1	0	0	536	152	126	16	9	0.07	6.11	8
5840007	5840005	7.50	20 1-	2 ACSR 6/1	0	0	523	151	123	16	9	0.07	6.19	7
5840011	5840007	7.59	19 1-	2 ACSR 6/1	0	0	516	150	113	15	8	0.04	6.23	4
5840012	5840011	7.78	17 1-	2 ACSR 6/1	0	0	502	149	109	14	8	0.07	6.30	7
5840008	5840012	7.86	16 1-	2 ACSR 6/1	0	0	497	149	102	13	7	0.03	6.33	3
05-84-P019-B	5840008	7.86	16 1-	Closed	0	0	497	149	102	13	0	0.00	6.33	0
05-84-P019-A	05-84-P019-B	7.86	16 1-	Closed	0	0	497	149	102	13	0	0.00	6.33	0
5850015	05-84-P019-A	8.22	16 1-	2 ACSR 6/1	0	0	473	147	102	13	7	0.14	6.47	12
5950021	5850015	8.68	16 1-	2 ACSR 6/1	0	0	446	145	102	13	7	0.16	6.63	13
5950023	5950021	8.72	9 1-	2 ACSR 6/1	0	0	444	144	62	8	5	0.01	6.64	0
5950017	5950023	8.81	9 1-	2 ACSR 6/1	0	0	439	144	62	8	5	0.02	6.66	0
5850016	5950017	8.91	8 1-	2 ACSR 6/1	0	0	434	143	60	8	4	0.02	6.68	0
5850017	5850016	9.02	7 1-	2 ACSR 6/1	0	0	428	143	57	7	4	0.02	6.71	0
5850018	5850017	9.08	6 1-	2 ACSR 6/1	0	0	425	142	49	6	4	0.01	6.72	0
5850019	5850018	9.18	5 1-	2 ACSR 6/1	0	0	420	142	47	6	3	0.02	6.73	0
5850020	5850019	9.22	4 1-	2 ACSR 6/1	0	0	418	142	37	4	3	0.01	6.74	0
5850024	5850020	9.62	2 1-	2 ACSR 6/1	0	0	400	140	26	3	2	0.02	6.76	0
5850025	5850024	9.73	1 1-	2 ACSR 6/1	0	0	395	139	1	0	0	0.00	6.76	0
5860003	5850025	9.80	0 1-	2 ACSR 6/1	0	0	392	139	0	0	0	0.00	6.76	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
5850021	5850020	9.26	2 1-	2 ACSR 6/1	0	0	417	142	12	1	1	0.00	6.74	0
5850027	5850021	9.36	1 1-	2 ACSR 6/1	0	0	412	141	3	0	0	0.00	6.74	0
5850026	5850027	9.54	1 1-	2 ACSR 6/1	0	0	403	140	3	0	0	0.00	6.74	0
5950022	5950021	8.85	5 1-	2 ACSR 6/1	0	0	437	144	26	3	2	0.02	6.65	0
5950020	5950022	8.89	4 1-	2 ACSR 6/1	0	0	435	143	23	3	2	0.00	6.65	0
5950019	5950020	8.94	3 1-	2 ACSR 6/1	0	0	433	143	19	2	1	0.00	6.65	0
5950018	5950019	9.03	3 1-	2 ACSR 6/1	0	0	428	143	19	2	1	0.00	6.66	0
11050041	5950018	9.18	2 1-	2 ACSR 6/1	0	0	420	142	7	0	1	0.00	6.66	0
11050039	11050041	9.26	1 1-	2 ACSR 6/1	0	0	417	142	3	0	0	0.00	6.66	0
5950009	5950020	9.00	0 1-	2 ACSR 6/1	0	0	429	143	0	0	0	0.00	6.65	0
5840006	5840005	7.65	2 1-	2 ACSR 6/1	0	0	512	150	3	0	0	0.00	6.11	0
11030010	11030007	6.08	1 1-	2 ACSR 6/1	0	0	656	160	6	0	0	0.00	5.40	0
11130024	11130026	5.36	63 3-	1/0 ACSR 6/1	996	887	755	164	365	15	7	0.06	4.64	13
11130027	11130024	5.46	62 3-	1/0 ACSR 6/1	981	873	743	164	362	15	7	0.07	4.67	14
11130028	11130027	5.50	61 3-	1/0 ACSR 6/1	976	868	739	164	355	15	7	0.03	4.68	5
11130029	11130028	5.55	60 3-	1/0 ACSR 6/1	968	861	733	163	351	15	7	0.04	4.69	7
D11-13-P017A	11130029	5.55	42 1-	RCC-35-H	0	0	733	163	255	33	97	0.00	6.25	0
11130041	D11-13-P017A	5.73	42 1-	2 ACSR 6/1	0	0	707	162	255	33	19	0.17	6.42	36
11130043	11130041	5.79	36 1-	2 ACSR 6/1	0	0	698	162	237	31	17	0.06	6.48	11
11130044	11130043	5.85	35 1-	2 ACSR 6/1	0	0	691	162	230	30	17	0.05	6.53	9
11130046	11130044	5.99	34 1-	2 ACSR 6/1	0	0	674	161	222	29	16	0.11	6.64	21
11140036	11130046	6.05	34 1-	2 ACSR 6/1	0	0	666	160	222	29	16	0.05	6.69	10
11140037	11140036	6.10	33 1-	2 ACSR 6/1	0	0	660	160	217	28	16	0.04	6.73	7
11140038	11140037	6.16	30 1-	2 ACSR 6/1	0	0	653	160	196	26	14	0.04	6.77	7
11140042	11140038	6.44	28 1-	2 ACSR 6/1	0	0	622	158	176	23	13	0.19	6.96	28
11140044	11140042	6.51	0 1-	2 ACSR 6/1	0	0	615	157	0	0	0	0.00	6.96	0
11140043	11140042	6.53	28 1-	2 ACSR 6/1	0	0	613	157	176	23	13	0.06	7.02	8
11140026	11140043	6.58	27 1-	2 ACSR 6/1	0	0	607	157	172	22	13	0.04	7.05	5
11140027	11140026	6.80	26 1-	2 ACSR 6/1	0	0	586	156	163	21	12	0.13	7.18	17
11140028	11140027	6.93	25 1-	2 ACSR 6/1	0	0	574	155	151	20	11	0.07	7.25	9
11140031	11140028	6.99	23 1-	2 ACSR 6/1	0	0	569	154	144	19	11	0.03	7.28	4
11140033	11140031	7.03	1 1-	2 ACSR 6/1	0	0	565	154	8	1	1	0.00	7.29	0
11140032	11140031	7.13	22 1-	2 ACSR 6/1	0	0	557	154	136	18	10	0.07	7.36	8
11140017	11140032	7.31	20 1-	2 ACSR 6/1	0	0	542	153	126	16	9	0.09	7.44	9
11140024	11140017	7.36	2 1-	2 ACSR 6/1	0	0	538	152	8	1	1	0.00	7.44	0
11140018	11140017	7.54	18 1-	2 ACSR 6/1	0	0	524	151	117	15	9	0.10	7.54	10
11050033	11140018	7.65	17 1-	2 ACSR 6/1	0	0	515	151	114	15	8	0.05	7.59	4
11050034	11050033	7.71	16 1-	2 ACSR 6/1	0	0	511	150	104	13	8	0.02	7.61	2
11050035	11050034	7.74	14 1-	2 ACSR 6/1	0	0	509	150	98	13	7	0.01	7.62	0
11050036	11050035	7.91	12 1-	2 ACSR 6/1	0	0	497	149	75	9	6	0.04	7.66	3
11050037	11050036	8.02	11 1-	2 ACSR 6/1	0	0	489	148	63	8	5	0.03	7.69	1
11050042	11050037	8.11	10 1-	2 ACSR 6/1	0	0	484	148	57	7	4	0.02	7.71	0
11050043	11050042	8.19	9 1-	2 ACSR 6/1	0	0	478	148	52	6	4	0.01	7.72	0
11050040	11050043	8.22	8 1-	2 ACSR 6/1	0	0	477	147	43	5	3	0.00	7.73	0
D11-05-P027	11050040	8.22	7 1-	SEC-35-GH	0	0	477	147	35	4	0	0.00	7.73	0
11050044	D11-05-P027	8.30	7 1-	2 ACSR 6/1	0	0	472	147	35	4	3	0.01	7.73	0
11050045	11050044	8.37	5 1-	2 ACSR 6/1	0	0	468	147	21	2	2	0.00	7.74	0
11050051	11050045	8.56	3 1-	2 ACSR 6/1	0	0	456	146	11	1	1	0.01	7.75	0
11050053	11050051	8.87	0 1-	15 KV 2 URD XLP	0	0	438	258	0	0	0	0.00	7.75	0
5950026	11050053	9.11	0 1-	2 ACSR 6/1	0	0	426	142	0	0	0	0.00	7.74	0
5950027	5950026	9.22	0 1-	15 KV 2 URD XLP	0	0	420	252	0	0	0	0.00	7.74	0
11050052	11050051	8.63	3 1-	2 ACSR 6/1	0	0	452	145	11	1	1	0.00	7.75	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11050047	11050052	8.84	2 1-	2 ACSR 6/1	0	0	440	144	7	0	1	0.00	7.75	0
11060001	11050047	9.06	1 1-	2 ACSR 6/1	0	0	429	143	0	0	0	0.00	7.75	0
11060002	11060001	9.16	1 1-	2 ACSR 6/1	0	0	424	142	0	0	0	0.00	7.75	0
11050046	11050045	8.41	2 1-	2 ACSR 6/1	0	0	465	146	10	1	1	0.00	7.74	0
11050038	11050037	8.07	1 1-	2 ACSR 6/1	0	0	487	148	6	0	0	0.00	7.69	0
11050032	11140018	7.57	1 1-	2 ACSR 6/1	0	0	521	151	3	0	0	0.00	7.54	0
11140034	11140032	7.16	2 1-	2 ACSR 6/1	0	0	554	153	10	1	1	0.00	7.36	0
11140025	11140043	6.56	1 1-	2 ACSR 6/1	0	0	609	157	4	0	0	0.00	7.02	0
11140035	11140038	6.21	2 1-	2 ACSR 6/1	0	0	648	159	19	2	1	0.00	6.78	0
11140029	11140035	6.25	1 1-	2 ACSR 6/1	0	0	642	159	13	1	1	0.00	6.78	0
11140030	11140029	6.29	1 1-	2 ACSR 6/1	0	0	638	159	13	1	1	0.00	6.78	0
11130045	11130044	5.88	1 1-	2 ACSR 6/1	0	0	687	161	8	1	1	0.00	6.53	0
11130042	11130041	5.85	2 1-	2 ACSR 6/1	0	0	691	161	7	0	1	0.00	6.42	0
D11-13-P017	11130029	5.55	17 1-	SEC-50-GH	0	0	733	163	87	11	0	0.00	3.03	0
11130025	D11-13-P017	5.83	17 1-	2 ACSR 6/1	0	0	694	162	87	11	6	0.09	3.12	6
11130038	11130025	5.87	15 1-	2 ACSR 6/1	0	0	688	161	80	10	6	0.01	3.14	0
11130039	11130038	5.90	14 1-	2 ACSR 6/1	0	0	685	161	72	9	5	0.01	3.14	0
11130040	11130039	5.94	2 1-	2 ACSR 6/1	0	0	680	161	3	0	0	0.00	3.14	0
11130047	11130039	5.99	12 1-	2 ACSR 6/1	0	0	673	161	69	8	5	0.02	3.17	1
11230010	11130047	6.03	11 1-	2 ACSR 6/1	0	0	669	160	62	8	4	0.01	3.17	0
11230011	11230010	6.05	10 1-	2 ACSR 6/1	0	0	666	160	52	6	4	0.00	3.18	0
11230012	11230011	6.12	6 1-	2 ACSR 6/1	0	0	657	160	41	5	3	0.01	3.19	0
11240009	11230012	6.16	3 1-	2 ACSR 6/1	0	0	653	160	23	2	2	0.00	3.19	0
11240010	11240009	6.24	2 1-	2 ACSR 6/1	0	0	644	159	12	1	1	0.00	3.19	0
11240006	11240010	6.34	1 1-	2 ACSR 6/1	0	0	633	158	2	0	0	0.00	3.19	0
11240007	11240006	6.49	1 1-	2 ACSR 6/1	0	0	617	158	2	0	0	0.00	3.19	0
11-24-P014-B	11240007	6.49	1 1-	Closed	0	0	617	158	2	0	0	0.00	3.19	0
11-24-P014-A	11-24-P014-B	6.49	1 1-	Closed	0	0	617	158	2	0	0	0.00	3.19	0
11240008	11-24-P014-A	7.21	1 1-	2 ACSR 6/1	0	0	550	153	2	0	0	0.01	3.20	0
11240011	11240008	7.28	1 1-	2 ACSR 6/1	0	0	544	153	2	0	0	0.00	3.20	0
11130037	11130025	5.85	2 1-	2 ACSR 6/1	0	0	691	161	7	0	1	0.00	3.12	0
11130030	11130029	5.64	1 1-	2 ACSR 6/1	0	0	720	163	9	1	1	0.00	3.04	0
11130034	11130024	5.39	1 1-	2 ACSR 6/1	0	0	751	164	3	0	0	0.00	3.04	0
11120044	11120017	4.63	4 1-	2 ACSR 6/1	0	0	854	167	27	3	2	0.01	5.69	0
11120045	11120044	4.68	3 1-	2 ACSR 6/1	0	0	845	167	18	2	1	0.00	5.70	0
11120028	11120045	4.72	1 1-	2 ACSR 6/1	0	0	837	167	0	0	0	0.00	5.70	0
11120041	11120018	4.19	1 1-	2 ACSR 6/1	0	0	936	170	9	1	1	0.00	5.49	0
11120033	11220021	3.36	2 1-	2 ACSR 6/1	0	0	1129	174	12	1	1	0.00	3.43	0
11120026	11220021	3.43	3 1-	2 ACSR 6/1	0	0	1106	173	14	1	1	0.01	2.71	0
10190006	11120026	3.49	2 1-	2 ACSR 6/1	0	0	1086	173	12	1	1	0.00	2.71	0
11220014	10290012	2.93	27 1-	2 ACSR 6/1	0	0	1267	176	143	18	10	0.01	3.19	0
D11-22-P058	11220014	2.93	27 1-	REC-35-H	0	0	1267	176	143	18	53	0.00	3.19	0
11220039	D11-22-P058	3.15	27 1-	2 ACSR 6/1	0	0	1179	174	143	18	10	0.12	3.31	13
10290053	11220039	3.26	1 1-	2 ACSR 6/1	0	0	1142	174	12	1	1	0.00	3.31	0
10290054	11220039	3.27	26 1-	2 ACSR 6/1	0	0	1139	174	130	16	9	0.05	3.36	6
10290044	10290054	3.31	26 1-	2 ACSR 6/1	0	0	1125	173	130	16	9	0.02	3.38	2
10290045	10290044	3.35	25 1-	2 ACSR 6/1	0	0	1111	173	124	16	9	0.02	3.40	2
10290046	10290045	3.38	24 1-	2 ACSR 6/1	0	0	1101	173	123	15	9	0.01	3.41	1
10290042	10290046	3.45	22 1-	2 ACSR 6/1	0	0	1079	172	107	13	8	0.03	3.44	2
10290043	10290042	3.50	20 1-	2 ACSR 6/1	0	0	1062	172	97	12	7	0.02	3.45	1
10290041	10290043	3.54	14 1-	2 ACSR 6/1	0	0	1049	172	80	10	6	0.01	3.47	0
10290020	10290041	3.61	12 1-	2 ACSR 6/1	0	0	1031	171	71	9	5	0.02	3.48	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10290024	10290020	3.66	10 1-	2 ACSR 6/1	0	0	1017	171	68	8	5	0.01	3.49	0
10290026	10290024	3.72	9 1-	2 ACSR 6/1	0	0	1000	170	65	8	5	0.01	3.51	0
10290022	10290026	3.82	6 1-	2 ACSR 6/1	0	0	974	170	38	4	3	0.01	3.52	0
10290027	10290022	3.91	5 1-	2 ACSR 6/1	0	0	952	169	31	4	2	0.01	3.53	0
10290033	10290027	3.95	4 1-	2 ACSR 6/1	0	0	941	169	28	3	2	0.00	3.53	0
10290031	10290033	4.06	3 1-	2 ACSR 6/1	0	0	915	168	15	1	1	0.01	3.54	0
10290055	10290031	4.10	2 1-	2 ACSR 6/1	0	0	906	168	11	1	1	0.00	3.54	0
10290056	10290055	4.32	1 1-	2 ACSR 6/1	0	0	860	166	9	1	1	0.00	3.54	0
10290028	10290031	4.13	1 1-	2 ACSR 6/1	0	0	899	168	4	0	0	0.00	3.54	0
10290032	10290027	4.20	1 1-	2 ACSR 6/1	0	0	884	167	4	0	0	0.00	3.53	0
10290021	10290026	3.77	2 1-	2 ACSR 6/1	0	0	986	170	22	2	2	0.00	3.51	0
10290025	10290021	3.85	1 1-	2 ACSR 6/1	0	0	965	169	12	1	1	0.00	3.51	0
10290023	10290020	3.67	1 1-	2 ACSR 6/1	0	0	1014	171	3	0	0	0.00	3.48	0
10290048	10290014	2.67	1 1-	2 ACSR 6/1	0	0	1363	177	15	1	1	0.00	2.45	0
10290015	10290014	2.71	0 1-	2 ACSR 6/1	0	0	1344	177	0	0	0	0.00	3.48	0
10390027	10390052	1.92	2 1-	2 ACSR 6/1	0	0	1755	181	10	1	1	0.00	2.42	0
10390024	10390052	1.89	4 1-	2 ACSR 6/1	0	0	1774	181	19	2	1	0.00	1.87	0
10390025	10390024	1.93	4 1-	2 ACSR 6/1	0	0	1741	181	19	2	1	0.00	1.88	0
10390026	10390025	1.99	1 1-	2 ACSR 6/1	0	0	1697	180	8	0	1	0.00	1.88	0
10390021	10390025	2.02	2 1-	2 ACSR 6/1	0	0	1677	180	4	0	0	0.00	1.88	0
D10-39-P019	10390021	2.02	0 1-	FUS	0	0	1677	180	0	0	0	0.00	1.88	0
10390055	D10-39-P019	2.56	0 1-	2 ACSR 6/1	0	0	1354	176	0	0	0	0.00	1.88	0
10390039	10390052	1.91	0 1-	2 ACSR 6/1	0	0	1756	181	0	0	0	0.00	2.42	0
10390049	10390048	1.81	6 1-	2 ACSR 6/1	0	0	1834	182	36	4	3	0.00	1.77	0
10390046	10390049	1.86	6 1-	2 ACSR 6/1	0	0	1793	181	36	4	3	0.01	1.77	0
10390051	10390046	1.90	1 1-	2 ACSR 6/1	0	0	1759	181	10	1	1	0.00	1.77	0
10390037	10390046	1.92	2 1-	2 ACSR 6/1	0	0	1744	181	3	0	0	0.00	1.77	0
10390038	10390037	1.96	0 1-	2 ACSR 6/1	0	0	1708	180	0	0	0	0.00	1.77	0
10390047	10390046	1.89	2 1-	2 ACSR 6/1	0	0	1762	181	14	1	1	0.00	1.78	0
10390044	10390047	1.98	1 1-	2 ACSR 6/1	0	0	1697	180	14	1	1	0.00	1.78	0
10390050	10390054	1.70	1 1-	2 ACSR 6/1	0	0	1916	182	8	0	1	0.00	1.61	0
10390042	10390041	1.59	0 1-	2 ACSR 6/1	0	0	1991	183	0	0	0	0.00	1.86	0
10390040	10490026	1.38	2 1-	2 ACSR 6/1	0	0	2207	184	14	1	1	0.00	1.66	0
10490118	10490081	0.81	1 1-	2 ACSR 6/1	0	0	2987	187	9	1	1	0.00	0.76	0
10490080	10490138	1.43	0 1-	2 ACSR 6/1	0	0	2027	182	0	0	0	0.00	0.68	0
10490090	10490106	0.60	1 1-	2 ACSR 6/1	0	0	3402	188	2	0	0	0.00	0.45	0
10490105	10490104	0.53	2 1-	2 ACSR 6/1	0	0	3575	188	6	0	0	0.00	0.28	0
10490099	10490100	0.37	7 1-	2 ACSR 6/1	0	0	3940	189	16	1	1	0.00	0.14	0
10490098	10490099	0.49	1 1-	2 ACSR 6/1	0	0	3597	188	3	0	0	0.00	0.14	0

CKT 1 total losses: \$8,087

SUB	0, CKT 2														
	OCD15	GIRDLER	0.00	622 3-	BK5302	4669	4793	5042	190	3619	151	40	0.00	0.00	0
	OH33	OCD15	0.04	622 3-	336 ACSR 18/1	4593	4698	4901	190	3619	151	29	0.03	0.03	86
	10490091	OH33	0.08	622 3-	336 ACSR 18/1	4531	4620	4788	190	3619	151	29	0.02	0.06	72
10-49-P147-A	10490091		0.08	619 3-	Closed	4531	4620	4788	190	3608	150	0	0.00	0.06	0
10-49-P147-B	10-49-P147-A		0.08	619 3-	Closed	4531	4620	4788	190	3608	150	0	0.00	0.06	0
10490065	10-49-P147-B		0.10	619 3-	336 ACSR 18/1	4483	4560	4701	190	3608	150	28	0.02	0.08	57
10490067	10490065		0.14	1 1-	2 ACSR 6/1	0	0	4532	189	10	1	1	0.00	0.07	0
10490066	10490065		0.14	618 3-	336 ACSR 18/1	4420	4483	4591	190	3597	150	28	0.02	0.11	75
10490062	10490066		0.19	549 3-	336 ACSR 18/1	4339	4383	4451	190	3262	136	26	0.04	0.14	82
10490052	10490062		0.26	549 3-	336 ACSR 18/1	4226	4246	4261	189	3261	136	26	0.05	0.19	120

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10490053	10490052	0.32	548 3-	336 ACSR 18/1	4139	4141	4120	189	3259	136	26	0.04	0.22	96
10490142	10490053	0.44	1 3-	1/0 ACSR 6/1	3889	3858	3758	189	1	0	0	0.00	0.22	0
10490051	10490053	0.38	546 3-	336 ACSR 18/1	4058	4045	3991	189	3253	135	26	0.04	0.26	93
10490620	10490051	0.38	2 3-	Consumer	4058	4045	3991	189	229	10	0	0.00	0.26	0
10490120	10490051	0.44	542 3-	336 ACSR 18/1	3967	3937	3850	189	3018	126	24	0.04	0.30	93
10590145	10490120	0.51	541 3-	336 ACSR 18/1	3873	3829	3710	189	3016	125	24	0.05	0.34	100
	CAP121	10590145	0.51	540 3-	Capacitor	0	0	0	3012	125	0	0.00	0.34	0
10590148	CAP121	0.55	173 3-	336 ACSR 18/1	3820	3767	3631	189	1073	45	9	0.00	0.35	10
10590147	10590148	0.59	173 3-	336 ACSR 18/1	3769	3708	3556	189	1073	45	9	0.00	0.36	10
10590036	10590147	0.64	1 1-	2 ACSR 6/1	0	0	3444	188	6	0	0	0.00	0.44	0
10590033	10590147	0.62	169 3-	336 ACSR 18/1	3733	3667	3505	189	1056	44	8	0.00	0.37	7
10-59-P120-A	10590033	0.62	169 3-	Closed	3733	3667	3505	189	1056	44	0	0.00	0.37	0
10-59-P120-B	10-59-P120-A	0.62	169 3-	Closed	3733	3667	3505	189	1056	44	0	0.00	0.37	0
10590135	10-59-P120-B	0.67	169 3-	336 ACSR 18/1	3678	3604	3426	189	1056	44	8	0.00	0.38	11
10590115	10590135	0.70	8 1-	2 ACSR 6/1	0	0	3344	188	37	4	3	0.00	0.49	0
10590116	10590115	0.73	7 1-	2 ACSR 6/1	0	0	3287	188	34	4	2	0.00	0.49	0
10590034	10590116	0.76	3 1-	2 ACSR 6/1	0	0	3210	188	16	2	1	0.00	0.49	0
10590189	10590135	0.69	5 1-	2 ACSR 6/1	0	0	3382	188	27	3	2	0.00	0.35	0
10590191	10590189	0.72	1 1-	2 ACSR 6/1	0	0	3293	188	12	1	1	0.00	0.35	0
10590190	10590189	0.70	4 1-	2 ACSR 6/1	0	0	3338	188	15	1	1	0.00	0.35	0
10590136	10590135	0.75	156 3-	336 ACSR 18/1	3583	3497	3294	188	992	41	8	0.00	0.40	17
10590129	10590136	0.81	3 1-	2 ACSR 6/1	0	0	3164	188	13	1	1	0.00	0.35	0
10590133	10590136	0.81	146 3-	336 ACSR 18/1	3513	3420	3200	188	923	38	7	0.00	0.41	10
10590126	10590133	0.85	9 1-	2 ACSR 6/1	0	0	3129	188	59	7	4	0.01	0.35	0
10590188	10590126	0.90	1 1-	2 ACSR 6/1	0	0	3024	188	8	0	1	0.00	0.36	0
10590125	10590126	0.92	5 1-	2 ACSR 6/1	0	0	2972	187	29	3	2	0.00	0.36	0
10590032	10590133	0.96	134 3-	336 ACSR 18/1	3359	3249	2996	188	847	35	7	-0.01	0.44	22
10590138	10590032	1.00	83 3-	336 ACSR 18/1	3327	3214	2955	188	464	19	4	0.00	0.44	1
10590137	10590138	1.02	83 3-	336 ACSR 18/1	3305	3191	2928	188	464	19	4	0.00	0.45	0
10590084	10590137	1.06	1 1-	2 ACSR 6/1	0	0	2848	187	4	0	0	0.00	0.63	0
10590083	10590137	1.09	76 3-	336 ACSR 18/1	3242	3122	2848	188	432	18	3	0.00	0.45	2
D10-59-P014	10590083	1.09	18 1-	FUS	0	0	2848	188	106	13	306	0.00	0.64	0
10590114	D10-59-P014	1.15	18 1-	2 ACSR 6/1	0	0	2736	187	106	13	7	0.02	0.67	2
10590104	10590114	1.26	16 1-	2 ACSR 6/1	0	0	2554	186	98	12	7	0.04	0.71	3
10590105	10590104	1.40	0 1-	2 ACSR 6/1	0	0	2361	185	0	0	0	0.00	0.71	0
10590096	10590104	1.35	15 1-	2 ACSR 6/1	0	0	2428	186	90	11	6	0.03	0.73	2
10590106	10590096	1.44	15 1-	2 ACSR 6/1	0	0	2313	185	90	11	6	0.03	0.76	2
10590108	10590106	1.50	0 1-	2 ACSR 6/1	0	0	2233	184	0	0	0	0.00	0.76	0
10590107	10590106	1.47	13 1-	2 ACSR 6/1	0	0	2266	185	80	10	6	0.01	0.77	0
10590109	10590107	1.53	12 1-	2 ACSR 6/1	0	0	2200	184	77	9	5	0.01	0.78	0
10590067	10590109	1.57	1 1-	2 ACSR 6/1	0	0	2152	184	8	0	1	0.00	0.78	0
10590068	10590109	1.58	8 1-	2 ACSR 6/1	0	0	2138	184	51	6	4	0.01	0.79	0
10590194	10590068	1.66	7 1-	2 ACSR 6/1	0	0	2055	183	40	5	3	0.01	0.80	0
10590195	10590194	1.69	4 1-	2 ACSR 6/1	0	0	2020	183	26	3	2	0.00	0.80	0
10590069	10590195	1.77	2 1-	2 ACSR 6/1	0	0	1936	182	18	2	1	0.00	0.81	0
10590070	10590069	1.88	1 1-	2 ACSR 6/1	0	0	1840	181	9	1	1	0.00	0.81	0
10590095	10590104	1.32	1 1-	2 ACSR 6/1	0	0	2466	186	8	1	1	0.00	0.71	0
10590030	10590083	1.17	50 3-	336 ACSR 18/1	3166	3040	2754	187	261	10	2	0.00	0.46	1
10590031	10590030	1.23	47 3-	336 ACSR 18/1	3113	2983	2690	187	247	10	2	0.00	0.46	0
10590134	10590031	1.31	1 1-	2 ACSR 6/1	0	0	2568	187	9	1	1	0.00	0.64	0
10590112	10590031	1.30	42 3-	336 ACSR 18/1	3055	2921	2620	187	198	8	2	0.00	0.47	0
10590113	10590112	1.34	4 1-	2 ACSR 6/1	0	0	2564	187	16	2	1	0.00	0.64	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10590097	10590113	1.35	3 1-	2 ACSR 6/1	0	0	2539	187	12	1	1	0.00	0.64	0
10590117	10590097	1.39	2 1-	2 ACSR 6/1	0	0	2487	186	11	1	1	0.00	0.64	0
10590111	10590112	1.46	2 1-	2 ACSR 6/1	0	0	2393	186	4	0	0	0.00	0.35	0
10590118	10590111	1.51	2 1-	2 ACSR 6/1	0	0	2324	186	4	0	0	0.00	0.36	0
10590035	10590111	1.49	0 1-	2 ACSR 6/1	0	0	2355	186	0	0	0	0.00	0.35	0
10590110	10590112	1.36	36 3-	336 ACSR 18/1	3003	2867	2559	187	177	7	1	0.00	0.47	0
10590082	10590110	1.39	34 3-	336 ACSR 18/1	2981	2843	2532	187	164	6	1	0.00	0.47	0
10590081	10590082	1.48	34 3-	336 ACSR 18/1	2912	2770	2452	187	164	6	1	0.00	0.47	0
10590078	10590081	1.51	12 1-	2 ACSR 6/1	0	0	2411	187	50	6	3	0.01	0.42	0
10590080	10590078	1.55	7 1-	2 ACSR 6/1	0	0	2365	186	40	5	3	0.00	0.43	0
10590208	10590080	1.60	5 1-	2 ACSR 6/1	0	0	2303	186	22	2	2	0.00	0.43	0
10590079	10590078	1.59	4 1-	2 ACSR 6/1	0	0	2311	186	6	0	0	0.00	0.43	0
10590077	10590081	1.58	21 3-	336 ACSR 18/1	2839	2694	2370	187	106	4	1	0.00	0.47	0
10590076	10590077	1.61	20 3-	336 ACSR 18/1	2820	2674	2348	187	102	4	1	0.00	0.48	0
10590071	10590076	1.64	1 1-	2 ACSR 6/1	0	0	2307	186	13	1	1	0.00	0.36	0
10590029	10590076	1.66	15 3-	336 ACSR 18/1	2782	2635	2306	186	76	3	1	0.00	0.48	0
10590075	10590029	1.71	13 3-	336 ACSR 18/1	2748	2600	2268	186	54	2	0	0.00	0.48	0
10590073	10590075	1.76	2 1-	2 ACSR 6/1	0	0	2214	186	6	0	0	0.00	0.65	0
10590072	10590075	1.76	9 3-	336 ACSR 18/1	2714	2564	2230	186	40	1	0	0.00	0.48	0
10590203	10590072	1.80	8 3-	336 ACSR 18/1	2692	2542	2207	186	38	1	0	0.00	0.48	0
10590202	10590203	1.84	7 3-	336 ACSR 18/1	2668	2517	2181	186	34	1	0	0.00	0.48	0
D10-59-P276	10590202	1.84	6 3-	ER3-RE-200/120-	2668	2517	2181	186	33	1	1	0.00	0.48	0
D10-59-P276A	D10-59-P276	1.84	2 1-	FUS-30	0	0	2181	186	7	0	3	0.00	0.65	0
10590178	D10-59-P276A	1.91	2 1-	2 ACSR 6/1	0	0	2107	185	7	0	1	0.00	0.65	0
10590085	10590178	1.94	1 1-	2 ACSR 6/1	0	0	2071	185	4	0	0	0.00	0.65	0
10680031	D10-59-P276	1.89	4 3-	336 ACSR 18/1	2632	2480	2142	186	25	1	0	0.00	0.48	0
10680134	10680031	1.99	3 1-	2 ACSR 6/1	0	0	2047	185	20	2	1	0.00	0.65	0
10680115	10680031	1.92	1 3-	336 ACSR 18/1	2617	2465	2126	186	5	0	0	0.00	0.48	0
10680114	10680115	1.97	1 3-	336 ACSR 18/1	2587	2435	2094	186	5	0	0	0.00	0.48	0
10590074	10590029	1.67	1 3-	1/0 ACSR 6/1	2771	2623	2294	186	18	0	0	0.00	0.48	0
10590127	10590030	1.22	3 1-	2 ACSR 6/1	0	0	2675	187	13	1	1	0.00	0.39	0
10590123	10590083	1.11	6 1-	2 ACSR 6/1	0	0	2800	187	60	7	4	0.01	0.35	0
10590120	10590123	1.19	5 1-	2 ACSR 6/1	0	0	2675	187	51	6	4	0.01	0.36	0
10590121	10590120	1.22	4 1-	2 ACSR 6/1	0	0	2622	187	38	4	3	0.00	0.37	0
10590128	10590121	1.25	2 1-	2 ACSR 6/1	0	0	2572	186	20	2	1	0.00	0.37	0
10590122	10590121	1.26	1 1-	2 ACSR 6/1	0	0	2564	186	10	1	1	0.00	0.37	0
10590197	10590137	1.04	3 1-	2 ACSR 6/1	0	0	2891	188	18	2	1	0.00	0.34	0
10590198	10590197	1.08	1 1-	2 ACSR 6/1	0	0	2809	187	4	0	0	0.00	0.34	0
10590139	10590032	1.02	2 1-	2 ACSR 6/1	0	0	2893	188	20	2	1	0.00	0.63	0
10590181	10590032	0.99	46 3-	1/0 ACSR 6/1	3317	3204	2947	188	349	14	6	0.00	0.45	3
10590140	10590181	1.02	42 3-	1/0 ACSR 6/1	3281	3165	2905	188	330	13	6	0.00	0.45	3
10590141	10590140	1.06	14 1-	2 ACSR 6/1	0	0	2829	187	105	13	7	0.02	0.36	1
10590142	10590141	1.10	14 1-	2 ACSR 6/1	0	0	2765	187	105	13	7	0.01	0.37	0
10590200	10590142	1.14	13 1-	2 ACSR 6/1	0	0	2690	187	96	12	7	0.01	0.39	1
10590201	10590200	1.22	12 1-	2 ACSR 6/1	0	0	2566	186	89	11	6	0.02	0.41	2
10590143	10590201	1.28	11 1-	2 ACSR 6/1	0	0	2478	186	78	9	5	0.01	0.42	0
10590098	10590143	1.30	4 1-	2 ACSR 6/1	0	0	2437	185	33	4	2	0.00	0.43	0
10590099	10590098	1.33	3 1-	2 ACSR 6/1	0	0	2399	185	26	3	2	0.00	0.43	0
10590180	10590099	1.36	1 1-	2 ACSR 6/1	0	0	2360	185	7	0	1	0.00	0.43	0
10590100	10590099	1.36	1 1-	2 ACSR 6/1	0	0	2359	185	10	1	1	0.00	0.43	0
10590144	10590143	1.31	4 1-	2 ACSR 6/1	0	0	2430	185	30	3	2	0.00	0.43	0
10590103	10590144	1.33	3 1-	2 ACSR 6/1	0	0	2399	185	26	3	2	0.00	0.43	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10590184	10590103	1.35	1 1-	2 ACSR 6/1	0	0	2371	185	13	1	1	0.00	0.43	0
10590183	10590184	1.38	1 1-	2 ACSR 6/1	0	0	2338	185	13	1	1	0.00	0.43	0
10590101	10590140	1.10	28 1-	2 ACSR 6/1	0	0	2756	187	225	28	16	0.07	0.72	12
10590102	10590101	1.20	27 1-	2 ACSR 6/1	0	0	2588	186	223	28	16	0.08	0.80	14
10590196	10590102	1.26	22 1-	2 ACSR 6/1	0	0	2501	186	187	23	13	0.04	0.84	6
10590199	10590196	1.34	21 1-	2 ACSR 6/1	0	0	2390	185	187	23	13	0.05	0.89	7
10590124	10590199	1.42	19 1-	2 ACSR 6/1	0	0	2285	185	175	22	12	0.05	0.94	6
10590179	10590124	1.46	17 1-	2 ACSR 6/1	0	0	2230	184	155	19	11	0.02	0.96	3
10590186	10590179	1.53	16 1-	2 ACSR 6/1	0	0	2143	184	152	19	11	0.04	1.00	5
10590187	10590186	1.65	15 1-	2 ACSR 6/1	0	0	2015	183	142	18	10	0.06	1.06	7
10690025	10590187	1.70	12 1-	2 ACSR 6/1	0	0	1970	182	118	14	8	0.02	1.08	2
10690063	10690025	1.73	10 1-	2 ACSR 6/1	0	0	1934	182	102	12	7	0.01	1.09	1
10690064	10690063	1.79	9 1-	2 ACSR 6/1	0	0	1879	182	99	12	7	0.02	1.11	1
11620090	10690064	1.89	7 1-	2 ACSR 6/1	0	0	1793	181	75	9	5	0.03	1.14	2
11620092	11620090	1.97	5 1-	2 ACSR 6/1	0	0	1727	180	52	6	4	0.02	1.16	0
11620093	11620092	2.03	5 1-	2 ACSR 6/1	0	0	1685	180	52	6	4	0.01	1.17	0
11620094	11620093	2.07	4 1-	2 ACSR 6/1	0	0	1655	180	43	5	3	0.01	1.17	0
11620096	11620094	2.14	2 1-	2 ACSR 6/1	0	0	1602	179	10	1	1	0.00	1.17	0
11620095	11620094	2.11	2 1-	2 ACSR 6/1	0	0	1626	179	33	4	2	0.00	1.17	0
11620091	11620090	1.94	2 1-	2 ACSR 6/1	0	0	1756	181	23	2	2	0.00	1.14	0
11620101	10690064	1.85	1 1-	2 ACSR 6/1	0	0	1826	181	14	1	1	0.00	1.12	0
11620100	10690064	1.80	0 1-	2 ACSR 6/1	0	0	1867	182	0	0	0	0.00	1.11	0
10690024	10590187	1.73	3 1-	2 ACSR 6/1	0	0	1937	182	24	3	2	0.01	1.07	0
10690067	10690024	1.79	2 1-	2 ACSR 6/1	0	0	1878	182	13	1	1	0.00	1.07	0
10590206	10590102	1.25	5 1-	2 ACSR 6/1	0	0	2513	186	36	4	3	0.00	0.81	0
10590207	10590206	1.28	2 1-	2 ACSR 6/1	0	0	2468	186	15	1	1	0.00	0.81	0
10590185	10590136	0.78	6 1-	2 ACSR 6/1	0	0	3233	188	55	6	4	0.00	0.53	0
10590192	10590185	0.81	4 1-	2 ACSR 6/1	0	0	3163	188	27	3	2	0.00	0.53	0
10590193	10590192	0.87	1 1-	2 ACSR 6/1	0	0	3027	187	7	0	0	0.00	0.53	0
10590182	CAP121	0.56	367 3-	4/0 ACSR 6/1	3790	3735	3589	189	1939	81	24	0.06	0.38	55
10490135	10590182	0.58	362 3-	4/0 ACSR 6/1	3760	3702	3546	189	1891	79	23	0.02	0.39	19
10-49-P262-A	10490135	0.58	362 3-	Closed	3760	3702	3546	189	1890	79	0	0.00	0.39	0
10-49-P262-B	10-49-P262-A	0.58	362 3-	Closed	3760	3702	3546	189	1890	79	0	0.00	0.39	0
10490136	10-49-P262-B	0.60	362 3-	4/0 ACSR 6/1	3736	3675	3512	189	1890	79	23	0.02	0.40	16
10490060	10490136	0.66	362 3-	4/0 ACSR 6/1	3654	3584	3397	188	1890	79	23	0.06	0.44	55
10490082	10490060	0.77	15 1-	2 ACSR 6/1	0	0	3124	188	73	9	5	0.03	0.54	2
10590086	10490082	0.79	14 1-	2 ACSR 6/1	0	0	3079	187	69	8	5	0.01	0.54	0
10590088	10590086	0.83	11 1-	2 ACSR 6/1	0	0	3004	187	61	7	4	0.01	0.55	0
10590093	10590088	0.86	3 1-	2 ACSR 6/1	0	0	2938	187	9	1	1	0.00	0.55	0
10590094	10590093	0.89	1 1-	2 ACSR 6/1	0	0	2876	187	3	0	0	0.00	0.55	0
10590091	10590088	0.86	6 1-	2 ACSR 6/1	0	0	2940	187	47	5	3	0.01	0.55	0
10590092	10590091	0.91	5 1-	2 ACSR 6/1	0	0	2845	186	44	5	3	0.01	0.56	0
10590089	10590092	0.94	4 1-	2 ACSR 6/1	0	0	2783	186	40	5	3	0.00	0.56	0
10590090	10590089	0.97	3 1-	2 ACSR 6/1	0	0	2731	186	20	2	1	0.00	0.57	0
10590087	10590086	0.83	2 1-	2 ACSR 6/1	0	0	3004	187	4	0	0	0.00	0.54	0
10490059	10490060	0.72	346 3-	4/0 ACSR 6/1	3566	3487	3277	188	1816	76	23	0.06	0.48	57
10490058	10490059	0.82	346 3-	4/0 ACSR 6/1	3426	3333	3092	188	1816	76	23	0.10	0.55	96
10490117	10490058	0.87	344 3-	4/0 ACSR 6/1	3373	3275	3022	188	1811	76	22	0.04	0.58	38
10490116	10490117	0.97	336 3-	4/0 ACSR 6/1	3251	3143	2869	187	1783	75	22	0.10	0.64	87
10490112	10490116	1.03	6 1-	2 ACSR 6/1	0	0	2747	187	16	2	1	0.00	0.51	0
10490114	10490112	1.10	2 1-	2 ACSR 6/1	0	0	2637	186	1	0	0	0.00	0.51	0
10490115	10490114	1.31	0 1-	2 ACSR 6/1	0	0	2334	185	0	0	0	0.00	0.51	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10490113	10490112	1.08	1 1-	2 ACSR 6/1	0	0	2678	187	9	1	1	0.00	0.51	0
10490108	10490116	1.03	1 1-	2 ACSR 6/1	0	0	2762	187	8	1	1	0.00	0.81	0
10490107	10490116	1.00	326 3-	4/0 ACSR 6/1	3214	3103	2823	187	1741	73	22	0.03	0.66	27
10490110	10490107	1.05	2 1-	2 ACSR 6/1	0	0	2733	187	6	0	0	0.00	0.84	0
10490109	10490107	1.04	323 3-	4/0 ACSR 6/1	3162	3048	2760	187	1735	73	22	0.04	0.69	38
10490111	10490109	1.11	1 1-	2 ACSR 6/1	0	0	2656	187	2	0	0	0.00	0.53	0
11420121	10490109	1.12	322 3-	4/0 ACSR 6/1	3077	2956	2657	187	1733	73	22	0.07	0.74	66
11420118	11420121	1.19	321 3-	4/0 ACSR 6/1	3014	2890	2582	187	1727	73	21	0.06	0.78	50
11420117	11420118	1.26	315 3-	4/0 ACSR 6/1	2942	2814	2499	186	1694	71	21	0.06	0.82	57
11420116	11420117	1.33	311 3-	4/0 ACSR 6/1	2878	2747	2427	186	1675	70	21	0.06	0.86	51
11420119	11420116	1.37	302 3-	4/0 ACSR 6/1	2838	2705	2381	186	1637	69	20	0.04	0.89	33
11420129	11420119	1.49	301 3-	4/0 ACSR 6/1	2735	2598	2267	186	1634	69	20	0.10	0.96	86
11520069	11420129	1.59	291 3-	4/0 ACSR 6/1	2657	2516	2182	185	1595	67	20	0.08	1.02	68
11520068	11520069	1.60	288 3-	4/0 ACSR 6/1	2647	2507	2172	185	1586	67	20	0.01	1.02	8
11520067	11520068	1.64	159 3-	1/0 ACSR 6/1	2610	2468	2135	185	921	39	17	0.04	1.05	18
D11-52-P070	11520067	1.64	158 3-	REC-50-H	2610	2468	2135	185	917	38	78	0.00	1.05	0
11520056	D11-52-P070	1.79	158 3-	1/0 ACSR 6/1	2472	2325	2001	184	917	38	17	0.14	1.14	72
11420147	11520056	1.82	1 1-	2 ACSR 6/1	0	0	1972	184	10	1	1	0.00	1.54	0
11420127	11520056	1.87	155 3-	1/0 ACSR 6/1	2405	2256	1936	184	895	37	17	0.07	1.19	36
D11-42-P012	11420127	1.87	10 1-	FUS-20	0	0	1936	184	54	6	39	0.00	1.62	0
11420142	D11-42-P012	1.98	10 1-	2 ACSR 6/1	0	0	1844	183	54	6	4	0.02	1.63	0
11420131	11420142	2.07	8 1-	2 ACSR 6/1	0	0	1767	182	43	5	3	0.01	1.65	0
11420058	11420131	2.18	7 1-	2 ACSR 6/1	0	0	1688	181	34	4	2	0.01	1.66	0
11420130	11420058	2.27	4 1-	2 ACSR 6/1	0	0	1625	181	14	1	1	0.00	1.66	0
11520070	11420130	2.34	2 1-	2 ACSR 6/1	0	0	1579	180	8	1	1	0.00	1.66	0
11420146	11420058	2.22	1 1-	2 ACSR 6/1	0	0	1658	181	8	1	1	0.00	1.66	0
11420061	11420127	1.95	145 3-	1/0 ACSR 6/1	2345	2194	1879	183	841	35	16	0.06	1.23	28
11420062	11420061	1.99	3 1-	2 ACSR 6/1	0	0	1843	183	24	3	2	0.00	1.68	0
11420068	11420061	2.03	141 3-	1/0 ACSR 6/1	2277	2126	1816	183	807	34	15	0.06	1.27	30
11420106	11420068	2.14	122 3-	1/0 ACSR 6/1	2199	2046	1744	182	701	29	13	0.06	1.32	28
11420107	11420106	2.20	121 3-	1/0 ACSR 6/1	2162	2009	1710	182	699	29	13	0.03	1.35	14
11420101	11420107	2.24	3 1-	2 ACSR 6/1	0	0	1682	182	18	2	1	0.00	1.82	0
11420102	11420101	2.35	1 1-	2 ACSR 6/1	0	0	1608	181	8	1	1	0.00	1.83	0
11420095	11420107	2.24	118 3-	1/0 ACSR 6/1	2135	1982	1686	182	680	28	13	0.02	1.37	10
11420108	11420095	2.28	116 3-	1/0 ACSR 6/1	2108	1955	1662	182	671	28	12	0.02	1.38	10
11420110	11420108	2.33	2 1-	2 ACSR 6/1	0	0	1626	181	13	1	1	0.00	0.92	0
11420109	11420108	2.32	114 3-	1/0 ACSR 6/1	2079	1926	1636	182	658	27	12	0.02	1.40	10
11420104	11420109	2.34	8 1-	2 ACSR 6/1	0	0	1622	181	35	4	3	0.00	1.88	0
11420105	11420104	2.37	5 1-	2 ACSR 6/1	0	0	1606	181	22	2	2	0.00	1.88	0
11420097	11420105	2.42	1 1-	2 ACSR 6/1	0	0	1575	181	3	0	0	0.00	1.88	0
11420103	11420109	2.35	105 3-	1/0 ACSR 6/1	2064	1911	1622	181	620	26	11	0.01	1.41	5
11420111	11420103	2.40	104 3-	1/0 ACSR 6/1	2033	1880	1595	181	612	25	11	0.02	1.43	10
11420098	11420111	2.44	89 3-	1/0 ACSR 6/1	2009	1856	1573	181	528	22	10	0.01	1.45	7
11420082	11420098	2.48	88 3-	1/0 ACSR 6/1	1985	1832	1552	181	518	22	10	0.01	1.46	6
11420088	11420082	2.53	87 3-	1/0 ACSR 6/1	1954	1802	1525	180	508	21	9	0.01	1.48	8
11420089	11420088	2.60	4 1-	2 ACSR 6/1	0	0	1484	180	16	2	1	0.00	1.94	0
11420090	11420089	2.63	1 1-	2 ACSR 6/1	0	0	1466	180	4	0	0	0.00	1.94	0
11420087	11420089	2.67	2 1-	2 ACSR 6/1	0	0	1446	179	11	1	1	0.00	1.95	0
11420078	11420087	2.71	1 1-	2 ACSR 6/1	0	0	1427	179	8	0	1	0.00	1.95	0
11420079	11420088	2.60	82 3-	1/0 ACSR 6/1	1917	1765	1493	180	487	20	9	0.01	1.50	9
11420080	11420079	2.64	81 3-	1/0 ACSR 6/1	1892	1740	1471	180	484	20	9	0.01	1.52	7
11420081	11420080	2.69	75 3-	2 ACSR 6/1	1859	1707	1443	179	466	19	11	0.01	1.54	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11420077	11420081	2.75	74 3-	2 ACSR 6/1	1828	1676	1417	179	460	19	11	0.01	1.56	10
11420132	11420077	2.83	73 3-	2 ACSR 6/1	1780	1628	1376	178	452	19	11	0.02	1.60	15
11430029	11420132	2.94	51 3-	1/0 ACSR 6/1	1725	1575	1330	178	337	14	6	0.03	1.63	9
11430030	11430029	3.01	50 3-	1/0 ACSR 6/1	1697	1547	1306	178	328	13	6	0.02	1.64	5
11430031	11430030	3.15	48 3-	1/0 ACSR 6/1	1638	1491	1257	177	320	13	6	0.04	1.67	11
11430032	11430031	3.22	46 3-	1/0 ACSR 6/1	1607	1461	1231	176	304	12	6	0.02	1.68	6
11430035	11430032	3.28	41 3-	1/0 ACSR 6/1	1586	1440	1213	176	263	11	5	0.01	1.69	4
11430036	11430035	3.32	1 1-	2 ACSR 6/1	0	0	1196	176	3	0	0	0.00	2.12	0
11430039	11430035	3.41	40 3-	1/0 ACSR 6/1	1534	1391	1171	175	260	11	5	0.03	1.72	10
11430054	11430039	3.47	31 1-	2 ACSR 6/1	0	0	1152	175	196	25	14	0.04	2.00	6
11430057	11430054	3.49	30 1-	2 ACSR 6/1	0	0	1143	175	184	23	13	0.02	2.01	3
11430056	11430057	3.57	3 1-	2 ACSR 6/1	0	0	1117	174	18	2	1	0.00	2.02	0
11330013	11430056	3.65	2 1-	2 ACSR 6/1	0	0	1091	174	10	1	1	0.00	2.02	0
11430053	11330013	3.71	1 1-	2 ACSR 6/1	0	0	1075	173	5	0	0	0.00	2.02	0
11430055	11430057	3.76	26 1-	2 ACSR 6/1	0	0	1058	173	160	20	11	0.15	2.17	19
11330018	11430055	3.84	1 1-	2 ACSR 6/1	0	0	1034	172	6	0	0	0.00	2.17	0
11330015	11430055	3.92	23 1-	2 ACSR 6/1	0	0	1012	172	135	17	10	0.08	2.25	9
11330010	11330015	4.01	21 1-	2 ACSR 6/1	0	0	988	171	127	16	9	0.04	2.29	4
11330012	11330010	4.14	16 1-	2 ACSR 6/1	0	0	956	170	105	13	7	0.05	2.33	4
11330008	11330012	4.17	1 1-	2 ACSR 6/1	0	0	949	170	9	1	1	0.00	2.33	0
11330006	11330012	4.20	2 1-	2 ACSR 6/1	0	0	941	170	23	2	2	0.00	2.34	0
11330007	11330006	4.27	1 1-	2 ACSR 6/1	0	0	926	169	11	1	1	0.00	2.34	0
11330005	11330007	4.32	0 1-	2 ACSR 6/1	0	0	915	169	0	0	0	0.00	2.34	0
11330003	11330012	4.21	11 1-	2 ACSR 6/1	0	0	939	170	60	7	4	0.01	2.35	0
11330004	11330003	4.28	8 1-	2 ACSR 6/1	0	0	923	169	45	5	3	0.01	2.36	0
11340004	11330004	4.35	6 1-	2 ACSR 6/1	0	0	906	169	34	4	2	0.01	2.37	0
11340005	11340004	4.45	5 1-	2 ACSR 6/1	0	0	886	168	29	3	2	0.01	2.37	0
11340008	11340005	4.49	4 1-	2 ACSR 6/1	0	0	877	168	16	2	1	0.00	2.38	0
11340009	11340008	4.53	2 1-	2 ACSR 6/1	0	0	868	168	10	1	1	0.00	2.38	0
11340010	11340009	4.63	1 1-	2 ACSR 6/1	0	0	850	167	7	0	1	0.00	2.38	0
11440007	11340010	4.71	0 1-	2 ACSR 6/1	0	0	834	166	0	0	0	0.00	2.38	0
11340003	11330004	4.34	2 1-	2 ACSR 6/1	0	0	910	169	12	1	1	0.00	2.36	0
11330011	11330010	4.06	4 1-	2 ACSR 6/1	0	0	976	171	20	2	1	0.00	2.29	0
11330009	11330011	4.11	1 1-	2 ACSR 6/1	0	0	962	170	5	0	0	0.00	2.29	0
11330019	11330015	3.95	2 1-	2 ACSR 6/1	0	0	1004	172	8	1	1	0.00	2.25	0
11330014	11430055	3.84	1 1-	2 ACSR 6/1	0	0	1035	172	9	1	1	0.00	2.17	0
11430040	11430039	3.45	6 1-	2 ACSR 6/1	0	0	1159	175	44	5	3	0.01	2.15	0
11430038	11430040	3.48	1 1-	2 ACSR 6/1	0	0	1146	175	9	1	1	0.00	2.15	0
11430037	11430040	3.54	4 1-	2 ACSR 6/1	0	0	1127	175	28	3	2	0.01	2.16	0
11430052	11430037	3.71	4 1-	2 ACSR 6/1	0	0	1075	173	28	3	2	0.02	2.18	0
11430068	11430052	3.78	4 1-	2 ACSR 6/1	0	0	1053	173	28	3	2	0.01	2.18	0
11430069	11430068	3.87	3 1-	2 ACSR 6/1	0	0	1027	172	21	2	1	0.01	2.19	0
11430065	11430069	3.90	2 1-	2 ACSR 6/1	0	0	1018	172	13	1	1	0.00	2.19	0
11430067	11430065	3.96	1 1-	2 ACSR 6/1	0	0	1002	172	10	1	1	0.00	2.19	0
11430066	11430065	3.93	1 1-	2 ACSR 6/1	0	0	1011	172	3	0	0	0.00	2.19	0
11430041	11430040	3.48	1 1-	2 ACSR 6/1	0	0	1147	175	7	0	0	0.00	2.15	0
11430033	11430032	3.28	4 1-	2 ACSR 6/1	0	0	1208	176	39	5	3	0.01	2.12	0
11430034	11430033	3.36	3 1-	2 ACSR 6/1	0	0	1178	175	31	3	2	0.01	2.12	0
11430070	11430034	3.39	2 1-	2 ACSR 6/1	0	0	1170	175	22	2	2	0.00	2.13	0
11430071	11430070	3.46	1 1-	2 ACSR 6/1	0	0	1142	175	12	1	1	0.00	2.13	0
11430009	11420132	2.90	22 1-	2 ACSR 6/1	0	0	1342	178	115	14	8	0.03	1.13	3
11430047	11430009	2.92	2 1-	2 ACSR 6/1	0	0	1332	178	6	0	0	0.00	1.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11430042	11430009	2.99	20 1-	2 ACSR 6/1	0	0	1300	177	109	13	8	0.04	1.16	3
11430044	11430042	3.09	18 1-	2 ACSR 6/1	0	0	1256	176	100	12	7	0.03	1.19	2
11430045	11430044	3.14	14 1-	2 ACSR 6/1	0	0	1236	176	77	9	5	0.01	1.21	0
11430046	11430045	3.19	12 1-	2 ACSR 6/1	0	0	1216	176	60	7	4	0.01	1.22	0
11430050	11430046	3.27	10 1-	2 ACSR 6/1	0	0	1189	175	54	6	4	0.01	1.23	0
11430051	11430050	3.33	9 1-	2 ACSR 6/1	0	0	1167	175	49	6	3	0.01	1.24	0
11430049	11430051	3.42	4 1-	2 ACSR 6/1	0	0	1134	174	26	3	2	0.01	1.24	0
11430048	11430049	3.50	1 1-	2 ACSR 6/1	0	0	1108	174	7	0	1	0.00	1.24	0
11430043	11430042	3.06	1 1-	2 ACSR 6/1	0	0	1272	177	3	0	0	0.00	1.16	0
11420122	11420080	2.89	5 1-	2 ACSR 6/1	0	0	1346	178	17	2	1	0.02	1.59	0
11420123	11420122	2.95	1 1-	2 ACSR 6/1	0	0	1320	178	6	0	0	0.00	1.59	0
11420124	11420123	2.98	1 1-	2 ACSR 6/1	0	0	1305	177	6	0	0	0.00	1.59	0
11420125	11420122	2.96	4 1-	2 ACSR 6/1	0	0	1314	177	11	1	1	0.00	1.59	0
11420126	11420125	3.11	3 1-	2 ACSR 6/1	0	0	1249	176	9	1	1	0.00	1.60	0
11320006	11420126	3.16	1 1-	2 ACSR 6/1	0	0	1229	176	7	0	0	0.00	1.60	0
11320007	11320006	3.23	0 1-	2 ACSR 6/1	0	0	1204	175	0	0	0	0.00	1.60	0
11420112	11420111	2.46	12 1-	2 ACSR 6/1	0	0	1557	181	74	9	5	0.01	1.93	0
11420113	11420112	2.53	10 1-	2 ACSR 6/1	0	0	1514	180	57	7	4	0.01	1.94	0
11420074	11420113	2.65	8 1-	2 ACSR 6/1	0	0	1446	179	49	6	3	0.02	1.96	0
11420091	11420074	2.70	0 1-	2 ACSR 6/1	0	0	1418	179	0	0	0	0.00	1.96	0
11420083	11420074	2.73	2 1-	2 ACSR 6/1	0	0	1403	179	12	1	1	0.00	1.96	0
11420072	11420074	2.82	1 1-	2 ACSR 6/1	0	0	1359	178	5	0	0	0.00	1.96	0
11420021	11420074	2.69	5 1-	2 ACSR 6/1	0	0	1423	179	32	4	2	0.01	1.97	0
11420022	11420021	2.74	2 1-	2 ACSR 6/1	0	0	1398	178	13	1	1	0.00	1.97	0
11420086	11420022	2.79	1 1-	2 ACSR 6/1	0	0	1373	178	9	1	1	0.00	1.97	0
11420084	11420022	2.82	0 1-	2 ACSR 6/1	0	0	1360	178	0	0	0	0.00	1.97	0
11420085	11420084	2.89	0 1-	2 ACSR 6/1	0	0	1326	177	0	0	0	0.00	1.97	0
11420140	11420021	2.73	3 1-	2 ACSR 6/1	0	0	1406	179	19	2	1	0.00	1.97	0
11420141	11420140	2.77	2 1-	2 ACSR 6/1	0	0	1384	178	12	1	1	0.00	1.97	0
11420073	11420113	2.57	1 1-	2 ACSR 6/1	0	0	1491	180	0	0	0	0.00	1.94	0
11420096	11420103	2.41	1 1-	2 ACSR 6/1	0	0	1579	181	8	1	1	0.00	0.94	0
11420070	11420068	2.13	16 1-	2 ACSR 6/1	0	0	1738	182	81	10	6	0.03	1.77	2
11420063	11420070	2.20	14 1-	2 ACSR 6/1	0	0	1693	182	78	10	6	0.02	1.78	0
11420064	11420063	2.25	13 1-	2 ACSR 6/1	0	0	1656	181	72	9	5	0.01	1.80	0
11420075	11420064	2.34	7 1-	2 ACSR 6/1	0	0	1598	181	39	5	3	0.01	1.81	0
11420092	11420075	2.38	5 1-	2 ACSR 6/1	0	0	1568	180	27	3	2	0.00	1.81	0
11420099	11420092	2.44	4 1-	2 ACSR 6/1	0	0	1536	180	22	2	2	0.00	1.82	0
11420100	11420099	2.48	1 1-	2 ACSR 6/1	0	0	1508	180	7	0	1	0.00	1.82	0
11420076	11420075	2.42	1 1-	2 ACSR 6/1	0	0	1544	180	11	1	1	0.00	1.81	0
11420065	11420064	2.30	6 1-	2 ACSR 6/1	0	0	1621	181	32	4	2	0.01	1.80	0
11420066	11420065	2.35	1 1-	2 ACSR 6/1	0	0	1591	181	4	0	0	0.00	1.80	0
11420071	11420065	2.36	3 1-	2 ACSR 6/1	0	0	1580	180	16	2	1	0.00	1.81	0
11420093	11420071	2.42	2 1-	2 ACSR 6/1	0	0	1546	180	14	1	1	0.00	1.81	0
11420094	11420093	2.51	2 1-	2 ACSR 6/1	0	0	1491	179	14	1	1	0.00	1.81	0
11420143	11420094	2.61	1 1-	2 ACSR 6/1	0	0	1436	179	7	0	1	0.00	1.81	0
11420059	11420065	2.35	2 1-	2 ACSR 6/1	0	0	1589	181	12	1	1	0.00	1.80	0
11420067	11420059	2.40	1 1-	2 ACSR 6/1	0	0	1561	180	12	1	1	0.00	1.81	0
11420069	11420068	2.10	2 1-	2 ACSR 6/1	0	0	1767	183	15	1	1	0.00	0.85	0
11520071	11520068	1.64	1 1-	2 ACSR 6/1	0	0	2124	185	8	0	1	0.00	1.36	0
11520034	11520068	1.66	127 3-	4/0 ACSR 6/1	2603	2461	2125	185	655	27	8	0.01	1.04	8
11520110	11520034	1.68	125 3-	4/0 ACSR 6/1	2588	2445	2109	185	641	27	8	0.00	1.04	3
11520109	11520110	1.73	2 1-	2 ACSR 6/1	0	0	2054	185	12	1	1	0.00	0.67	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	DROP	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	LINE	DROP	LOSS
11520108	11520110	1.73	107 3-	4/0 ACSR 6/1	2547	2404	2066	185	569	24	7	0.01	1.05	7
11520107	11520108	1.77	2 1-	2 ACSR 6/1	0	0	2024	185	7	0	1	0.00	1.10	0
11520106	11520108	1.77	104 3-	4/0 ACSR 6/1	2517	2374	2035	185	558	23	7	0.01	1.06	5
11520103	11520106	1.83	101 3-	4/0 ACSR 6/1	2480	2336	1997	185	541	22	7	0.01	1.07	6
11520091	11520103	1.91	1 1-	2 ACSR 6/1	0	0	1916	184	9	1	1	0.00	0.66	0
11520090	11520103	1.88	2 1-	2 ACSR 6/1	0	0	1949	184	14	1	1	0.00	1.40	0
11520089	11520103	1.85	97 3-	4/0 ACSR 6/1	2463	2318	1979	184	512	21	6	0.00	1.07	3
11520088	11520089	1.90	97 3-	4/0 ACSR 6/1	2432	2287	1947	184	512	21	6	0.00	1.08	5
11520102	11520088	1.93	4 1-	2 ACSR 6/1	0	0	1916	184	15	1	1	0.00	0.66	0
11520095	11520102	1.97	2 1-	2 ACSR 6/1	0	0	1880	184	9	1	1	0.00	0.66	0
11520087	11520088	1.93	92 3-	4/0 ACSR 6/1	2412	2267	1927	184	480	20	6	0.00	1.09	3
11520094	11520087	1.96	88 3-	4/0 ACSR 6/1	2391	2245	1906	184	466	19	6	0.00	1.09	3
11520093	11520094	2.01	1 1-	2 ACSR 6/1	0	0	1863	184	10	1	1	0.00	1.41	0
11520077	11520094	2.02	7 1-	2 ACSR 6/1	0	0	1858	184	26	3	2	0.00	1.42	0
11520076	11520094	2.03	80 3-	4/0 ACSR 6/1	2344	2198	1859	184	430	18	5	0.00	1.10	6
11520061	11520076	2.05	52 3-	4/0 ACSR 6/1	2333	2187	1848	184	279	11	3	0.00	1.11	0
11520060	11520061	2.07	49 3-	4/0 ACSR 6/1	2321	2175	1836	184	270	11	3	0.00	1.11	0
11520066	11520060	2.13	48 3-	4/0 ACSR 6/1	2286	2140	1802	184	263	11	3	0.00	1.11	1
11520065	11520066	2.18	46 3-	4/0 ACSR 6/1	2256	2110	1772	183	251	10	3	0.00	1.12	1
11520059	11520065	2.22	1 1-	2 ACSR 6/1	0	0	1741	183	10	1	1	0.00	1.42	0
11520092	11520065	2.23	44 3-	4/0 ACSR 6/1	2229	2083	1746	183	232	9	3	0.00	1.12	0
11520101	11520092	2.26	44 3-	4/0 ACSR 6/1	2211	2065	1728	183	232	9	3	0.00	1.12	0
11520100	11520101	2.31	43 3-	4/0 ACSR 6/1	2185	2039	1703	183	225	9	3	0.00	1.13	0
11520099	11520100	2.38	40 3-	4/0 ACSR 6/1	2148	2002	1667	183	204	8	3	0.00	1.13	1
11520098	11520099	2.45	36 3-	4/0 ACSR 6/1	2112	1966	1633	182	190	8	2	0.00	1.14	0
11520096	11520098	2.49	31 3-	4/0 ACSR 6/1	2089	1943	1612	182	164	6	2	0.00	1.14	0
11520049	11520096	2.55	7 3-	4/0 ACSR 6/1	2062	1917	1586	182	47	1	1	0.00	1.14	0
11-52-P095-A	11520049	2.55	7 3-	Closed	2062	1917	1586	182	47	1	0	0.00	1.14	0
11-52-P095-B	11520049	2.55	7 3-	Closed	2062	1917	1586	182	47	1	0	0.00	1.14	0
11520036	11-52-P095-B	2.60	7 3-	4/0 ACSR 6/1	2035	1891	1561	182	47	1	1	0.00	1.14	0
11520047	11520036	2.72	6 3-	4/0 ACSR 6/1	1983	1840	1513	182	46	1	1	0.00	1.14	0
11520048	11520047	2.79	3 1-	2 ACSR 6/1	0	0	1474	181	20	2	1	0.00	1.41	0
11520046	11520048	2.84	1 1-	2 ACSR 6/1	0	0	1446	181	11	1	1	0.00	1.41	0
11620102	11520047	2.81	3 3-	4/0 ACSR 6/1	1941	1798	1474	181	26	1	0	0.00	1.14	0
11620099	11620102	2.99	2 3-	4/0 ACSR 6/1	1870	1728	1410	181	16	0	0	0.00	1.15	0
11620098	11620099	3.33	2 3-	4/0 ACSR 6/1	1743	1606	1298	180	16	0	0	0.00	1.15	0
11620097	11620098	3.39	1 1-	2 ACSR 6/1	0	0	1272	179	12	1	1	0.00	0.72	0
11620021	11620098	3.54	0 3-	4/0 ACSR 6/1	1672	1537	1236	179	0	0	0	0.00	1.15	0
11520037	11520036	2.66	1 1-	2 ACSR 6/1	0	0	1531	182	1	0	0	0.00	1.40	0
11520050	11520096	2.61	22 1-	2 ACSR 6/1	0	0	1544	181	100	12	7	0.04	0.74	3
11520051	11520050	2.63	21 1-	2 ACSR 6/1	0	0	1530	181	96	12	7	0.01	0.75	0
11520052	11520051	2.71	19 1-	2 ACSR 6/1	0	0	1483	181	88	11	6	0.03	0.78	2
11520055	11520052	2.79	12 1-	2 ACSR 6/1	0	0	1440	180	64	8	4	0.02	0.80	0
11520080	11520055	2.87	9 1-	2 ACSR 6/1	0	0	1401	179	54	6	4	0.01	0.81	0
11520081	11520080	2.95	8 1-	2 ACSR 6/1	0	0	1365	179	46	5	3	0.01	0.82	0
11520082	11520081	3.05	6 1-	2 ACSR 6/1	0	0	1319	178	36	4	3	0.01	0.83	0
11520083	11520082	3.09	1 1-	2 ACSR 6/1	0	0	1301	178	8	0	1	0.00	0.83	0
11520035	11520082	3.14	5 1-	2 ACSR 6/1	0	0	1277	177	29	3	2	0.01	0.84	0
11520084	11520035	3.21	4 1-	2 ACSR 6/1	0	0	1247	177	21	2	1	0.00	0.85	0
11520085	11520084	3.35	2 1-	2 ACSR 6/1	0	0	1195	176	16	2	1	0.01	0.85	0
11520097	11520085	3.41	1 1-	2 ACSR 6/1	0	0	1172	175	5	0	0	0.00	0.85	0
11520078	11520035	3.28	1 1-	2 ACSR 6/1	0	0	1222	176	8	0	1	0.00	0.85	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11520079	11520055	2.83	1 1-	2 ACSR 6/1	0	0	1422	180	5	0	0	0.00	0.80	0
11520038	11520052	2.75	6 1-	2 ACSR 6/1	0	0	1461	180	22	2	2	0.00	0.78	0
11520039	11520038	2.81	1 1-	2 ACSR 6/1	0	0	1433	180	4	0	0	0.00	0.78	0
11520053	11520039	2.85	0 1-	2 ACSR 6/1	0	0	1410	180	0	0	0	0.00	0.78	0
11520040	11520038	2.82	5 1-	2 ACSR 6/1	0	0	1427	180	18	2	1	0.00	0.78	0
11520111	11520040	2.88	4 1-	2 ACSR 6/1	0	0	1396	179	14	1	1	0.00	0.79	0
11520054	11520111	2.94	1 1-	2 ACSR 6/1	0	0	1368	179	3	0	0	0.00	0.79	0
11520062	11520061	2.08	3 1-	2 ACSR 6/1	0	0	1825	184	10	1	1	0.00	0.66	0
11520073	11520076	2.07	26 1-	2 ACSR 6/1	0	0	1828	184	143	18	10	0.02	1.26	2
11520072	11520073	2.13	11 1-	2 ACSR 6/1	0	0	1780	183	58	7	4	0.01	1.27	0
10590119	11520072	2.17	5 1-	2 ACSR 6/1	0	0	1754	183	27	3	2	0.00	1.27	0
10590130	10590119	2.25	4 1-	2 ACSR 6/1	0	0	1691	182	22	2	2	0.00	1.28	0
11520074	11520073	2.12	11 1-	2 ACSR 6/1	0	0	1791	183	75	9	5	0.01	1.27	0
11520075	11520074	2.16	9 1-	2 ACSR 6/1	0	0	1757	183	60	7	4	0.01	1.28	0
10590146	11520075	2.23	3 1-	2 ACSR 6/1	0	0	1708	182	19	2	1	0.00	1.29	0
11520086	10590146	2.27	1 1-	2 ACSR 6/1	0	0	1676	182	9	1	1	0.00	1.29	0
10590204	11520075	2.26	5 1-	2 ACSR 6/1	0	0	1688	182	34	4	2	0.01	1.29	0
10590205	10590204	2.34	3 1-	2 ACSR 6/1	0	0	1630	181	26	3	2	0.01	1.30	0
10590131	10590205	2.43	2 1-	2 ACSR 6/1	0	0	1577	181	15	1	1	0.00	1.30	0
10590132	10590131	2.55	1 1-	2 ACSR 6/1	0	0	1502	180	8	0	1	0.00	1.30	0
11520104	11520110	1.72	16 1-	2 ACSR 6/1	0	0	2061	185	60	7	4	0.01	1.39	0
11520105	11520104	1.76	12 1-	2 ACSR 6/1	0	0	2028	184	50	6	4	0.01	1.39	0
11520041	11520105	1.77	11 1-	2 ACSR 6/1	0	0	2017	184	38	4	3	0.00	1.40	0
11520057	11520041	1.84	7 1-	2 ACSR 6/1	0	0	1950	184	21	2	1	0.00	1.40	0
11520064	11520057	1.91	2 1-	2 ACSR 6/1	0	0	1889	183	5	0	0	0.00	1.40	0
11520063	11520057	1.86	3 1-	2 ACSR 6/1	0	0	1928	184	10	1	1	0.00	1.40	0
11520045	11520041	1.81	2 1-	2 ACSR 6/1	0	0	1972	184	5	0	0	0.00	1.40	0
11520043	11520041	1.83	2 1-	2 ACSR 6/1	0	0	1954	184	11	1	1	0.00	1.40	0
11520044	11520043	1.89	1 1-	2 ACSR 6/1	0	0	1908	183	4	0	0	0.00	1.40	0
11520042	11520043	1.87	0 1-	2 ACSR 6/1	0	0	1924	184	0	0	0	0.00	1.40	0
11520058	11520034	1.70	1 1-	2 ACSR 6/1	0	0	2078	185	7	0	0	0.00	1.38	0
11420128	11420129	1.52	6 1-	2 ACSR 6/1	0	0	2230	185	21	2	1	0.00	0.64	0
11420144	11420129	1.50	2 1-	2 ACSR 6/1	0	0	2250	186	3	0	0	0.00	0.64	0
11420145	11420144	1.54	2 1-	2 ACSR 6/1	0	0	2213	185	3	0	0	0.00	0.64	0
11420060	11420145	1.65	1 1-	2 ACSR 6/1	0	0	2087	184	2	0	0	0.00	0.64	0
11420120	11420119	1.41	1 1-	2 ACSR 6/1	0	0	2333	186	2	0	0	0.00	1.17	0
11420114	11420116	1.35	2 1-	2 ACSR 6/1	0	0	2393	186	8	0	1	0.00	0.60	0
11420115	11420114	1.41	1 1-	2 ACSR 6/1	0	0	2313	186	6	0	0	0.00	0.60	0
10490134	10590182	0.61	5 3-	4/0 ACSR 6/1	3720	3657	3489	189	47	2	1	0.00	0.38	0
10490047	10490052	0.35	0 1-	2 ACSR 6/1	0	0	3954	189	0	0	0	0.00	0.16	0
10490077	10490066	0.23	68 3-	2 ACSR 6/1	4197	4228	4231	189	327	13	8	0.00	0.13	13
D10-49-P083A	10490077	0.23	17 1-	FUS	0	0	4231	189	76	9	217	0.00	0.09	0
10490133	D10-49-P083A	0.29	17 1-	2 ACSR 6/1	0	0	4006	189	76	9	5	0.02	0.11	0
10490089	10490133	0.35	15 1-	2 ACSR 6/1	0	0	3804	188	73	9	5	0.01	0.12	0
10490084	10490089	0.40	10 1-	2 ACSR 6/1	0	0	3659	188	64	8	4	0.01	0.13	0
10490086	10490084	0.51	3 1-	2 ACSR 6/1	0	0	3343	187	23	2	2	0.01	0.14	0
10490145	10490086	0.58	1 1-	2 ACSR 6/1	0	0	3160	186	17	2	1	0.00	0.14	0
10490085	10490084	0.44	4 1-	2 ACSR 6/1	0	0	3529	187	31	3	2	0.00	0.14	0
10490079	10490085	0.49	3 1-	2 ACSR 6/1	0	0	3381	187	26	3	2	0.00	0.14	0
10490027	10490079	0.57	2 1-	2 ACSR 6/1	0	0	3184	186	16	2	1	0.00	0.14	0
D10-49-P083	10490077	0.23	6 1-	FUS	0	0	4231	189	14	1	41	0.00	0.21	0
10490132	D10-49-P083	0.30	6 1-	2 ACSR 6/1	0	0	3973	188	14	1	1	0.00	0.21	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10490087	10490132	0.40	3 1-	2 ACSR 6/1	0	0	3662	188	3	0	0	0.00	0.21	0
10490088	10490087	0.44	1 1-	2 ACSR 6/1	0	0	3542	187	0	0	0	0.00	0.21	0
10490078	10490077	0.27	40 3-	2 ACSR 6/1	4106	4122	4092	189	221	9	5	-0.01	0.14	4
10490144	10490078	0.32	3 1-	2 ACSR 6/1	0	0	3922	188	15	1	1	0.00	0.11	0
10490083	10490078	0.32	1 1-	2 ACSR 6/1	0	0	3921	188	8	0	1	0.00	0.11	0
10490025	10490078	0.30	36 1-	2 ACSR 6/1	0	0	3997	188	198	24	14	0.02	0.25	3
D10-49-P235	10490025	0.30	36 1-	RBC-35-H	0	0	3997	188	198	24	71	0.00	0.25	0
10490028	D10-49-P235	0.33	36 1-	2 ACSR 6/1	0	0	3868	188	198	24	14	0.03	0.28	4
10490061	10490028	0.36	0 1-	2 ACSR 6/1	0	0	3765	188	0	0	0	0.00	0.28	0
10490143	10490028	0.40	1 1-	2 ACSR 6/1	0	0	3657	188	5	0	0	0.00	0.28	0
10490068	10490028	0.39	34 1-	2 ACSR 6/1	0	0	3670	188	192	24	13	0.04	0.32	6
10490069	10490068	0.45	30 1-	2 ACSR 6/1	0	0	3506	187	188	23	13	0.04	0.36	5
10490071	10490069	0.49	29 1-	2 ACSR 6/1	0	0	3379	187	177	22	12	0.03	0.38	4
10490072	10490071	0.53	28 1-	2 ACSR 6/1	0	0	3277	187	171	21	12	0.02	0.41	3
10490075	10490072	0.60	27 1-	2 ACSR 6/1	0	0	3103	186	166	20	12	0.04	0.45	5
10490076	10490075	0.67	7 1-	2 ACSR 6/1	0	0	2955	186	40	5	3	0.01	0.45	0
10490073	10490076	0.71	4 1-	2 ACSR 6/1	0	0	2870	185	18	2	1	0.00	0.46	0
10490070	10490073	0.76	1 1-	2 ACSR 6/1	0	0	2762	185	0	0	0	0.00	0.46	0
10490063	10490075	0.66	5 1-	2 ACSR 6/1	0	0	2968	186	32	3	2	0.00	0.45	0
10490074	10490063	0.70	3 1-	2 ACSR 6/1	0	0	2891	185	16	1	1	0.00	0.45	0
10490064	10490075	0.73	12 1-	2 ACSR 6/1	0	0	2825	185	88	11	6	0.04	0.48	2
10480065	10490064	0.78	1 1-	2 ACSR 6/1	0	0	2735	185	9	1	1	0.00	0.48	0
10480041	10490064	0.76	1 1-	2 ACSR 6/1	0	0	2774	185	3	0	0	0.00	0.48	0
10480066	10490064	0.82	8 1-	2 ACSR 6/1	0	0	2659	184	60	7	4	0.02	0.50	0
10480067	10480066	0.86	6 1-	2 ACSR 6/1	0	0	2577	184	46	5	3	0.01	0.51	0
10480080	10480067	0.92	4 1-	2 ACSR 6/1	0	0	2488	184	35	4	2	0.01	0.51	0
10480079	10480080	0.95	3 1-	2 ACSR 6/1	0	0	2439	183	25	3	2	0.00	0.51	0
CKT 2 total losses:	\$2,510													

SUB 0, CKT 3

OCB16	GIRDLER	0.00	311 3-	BK5303	4669	4793	5042	190	1852	77	21	0.00	0.00	0
OH39	OCB16	0.05	311 3-	336 ACSR 18/1	4579	4680	4874	190	1852	77	15	0.01	0.02	29
OH40	OH39	0.26	311 3-	336 ACSR 18/1	4233	4254	4273	189	1852	77	15	0.04	0.10	123
OH41	OH40	0.28	311 3-	336 ACSR 18/1	4194	4208	4210	189	1850	77	15	0.01	0.11	15
OH42	OH41	0.35	311 3-	336 ACSR 18/1	4099	4093	4056	189	1850	77	15	0.01	0.13	38
10490048	OH42	0.38	311 3-	1/0 ACSR 6/1	4029	4015	3954	189	1850	77	34	0.03	0.17	63
10490055	10490048	0.43	308 3-	1/0 ACSR 6/1	3933	3906	3816	189	1844	77	34	0.05	0.22	89
10490056	10490055	0.46	3 1-	2 ACSR 6/1	0	0	3727	189	15	1	1	0.00	0.40	0
10490057	10490056	0.51	0 1-	2 ACSR 6/1	0	0	3569	188	0	0	0	0.00	0.40	0
10490054	10490055	0.49	303 3-	1/0 ACSR 6/1	3817	3776	3655	189	1822	76	33	0.06	0.29	108
10-49-P142-A	10490054	0.49	303 3-	Closed	3817	3776	3655	189	1821	76	0	0.00	0.29	0
10-49-P142-B	10-49-P142-A	0.49	303 3-	Closed	3817	3776	3655	189	1821	76	0	0.00	0.29	0
10480068	10-49-P142-B	0.56	303 3-	1/0 ACSR 6/1	3683	3625	3474	188	1821	76	33	0.07	0.37	131
10480070	10480068	0.62	1 1-	2 ACSR 6/1	0	0	3335	188	9	1	1	0.00	0.21	0
10480069	10480068	0.63	302 3-	1/0 ACSR 6/1	3574	3503	3331	188	1810	75	33	0.06	0.44	112
10480036	10480069	0.67	52 3-	1/0 ACSR 6/1	3497	3417	3232	188	336	14	6	0.00	0.45	3
10480037	10480036	0.74	48 3-	1/0 ACSR 6/1	3383	3291	3089	187	314	13	6	0.00	0.47	5
10480038	10480037	0.78	3 1-	2 ACSR 6/1	0	0	3000	187	14	1	1	0.00	0.28	0
10480030	10480037	0.79	45 3-	1/0 ACSR 6/1	3316	3217	3008	187	300	12	5	0.00	0.48	3
10480043	10480030	0.82	44 3-	1/0 ACSR 6/1	3267	3163	2948	187	288	12	5	0.00	0.48	2
10480044	10480043	1.02	41 3-	1/0 ACSR 6/1	2995	2868	2632	186	269	11	5	-0.01	0.52	13
10480046	10480044	1.07	37 3-	1/0 ACSR 6/1	2928	2797	2557	185	238	10	4	0.00	0.52	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10480047	10480046	1.13	35 3-	1/0 ACSR 6/1	2860	2724	2481	185	231	9	4	0.00	0.53	4
10480059	10480047	1.20	1 1-	2 ACSR 6/1	0	0	2382	185	6	0	0	0.00	0.33	0
10480051	10480047	1.17	27 1-	2 ACSR 6/1	0	0	2423	185	184	23	13	0.03	0.97	4
10480039	10480051	1.24	2 1- 15 KV 2 URD XLP		0	0	2334	460	9	1	1	0.00	0.97	0
10480052	10480051	1.21	25 1-	2 ACSR 6/1	0	0	2365	185	175	22	12	0.02	0.99	3
10480058	10480052	1.25	2 1-	2 ACSR 6/1	0	0	2305	184	17	2	1	0.00	1.00	0
10480053	10480052	1.30	22 1-	2 ACSR 6/1	0	0	2242	184	150	19	11	0.05	1.05	6
10480057	10480053	1.37	2 1-	2 ACSR 6/1	0	0	2152	183	10	1	1	0.00	1.05	0
10480054	10480053	1.37	1 1-	2 ACSR 6/1	0	0	2159	183	12	1	1	0.00	1.05	0
10480023	10480053	1.40	19 1-	2 ACSR 6/1	0	0	2127	183	129	16	9	0.04	1.09	5
10480060	10480023	1.44	10 1-	2 ACSR 6/1	0	0	2075	183	81	10	6	0.01	1.10	0
10480073	10480060	1.53	8 1-	2 ACSR 6/1	0	0	1985	182	66	8	5	0.02	1.12	0
10480072	10480073	1.60	4 1-	2 ACSR 6/1	0	0	1916	182	38	4	3	0.01	1.13	0
10480071	10480072	1.65	3 1-	2 ACSR 6/1	0	0	1868	181	27	3	2	0.00	1.13	0
10480091	10480071	1.69	1 1-	2 ACSR 6/1	0	0	1835	181	11	1	1	0.00	1.13	0
10480062	10480023	1.44	9 1-	2 ACSR 6/1	0	0	2075	183	48	6	3	0.01	1.10	0
10480074	10480062	1.47	1 1-	2 ACSR 6/1	0	0	2042	182	9	1	1	0.00	1.10	0
10480063	10480062	1.50	8 1-	2 ACSR 6/1	0	0	2012	182	39	4	3	0.01	1.10	0
10480075	10480063	1.56	4 1-	2 ACSR 6/1	0	0	1955	182	17	2	1	0.00	1.11	0
10480076	10480075	1.62	3 1-	2 ACSR 6/1	0	0	1896	181	14	1	1	0.00	1.11	0
10480064	10480076	1.71	2 1-	2 ACSR 6/1	0	0	1818	181	6	0	0	0.00	1.11	0
10480061	10480064	1.86	1 1-	2 ACSR 6/1	0	0	1695	180	3	0	0	0.00	1.11	0
10480048	10480047	1.16	7 1-	2 ACSR 6/1	0	0	2435	185	41	5	3	0.00	0.32	0
10480049	10480048	1.28	7 1-	2 ACSR 6/1	0	0	2273	184	41	5	3	0.02	0.34	0
10480056	10480049	1.33	3 1-	2 ACSR 6/1	0	0	2200	184	23	2	2	0.00	0.35	0
10480087	10480056	1.39	3 1-	2 ACSR 6/1	0	0	2131	183	23	2	2	0.00	0.35	0
10480088	10480087	1.45	1 1-	2 ACSR 6/1	0	0	2072	183	8	1	1	0.00	0.35	0
10480050	10480088	1.50	1 1-	2 ACSR 6/1	0	0	2013	182	8	1	1	0.00	0.35	0
10480055	10480049	1.33	4 1-	2 ACSR 6/1	0	0	2207	184	18	2	1	0.00	0.34	0
10480042	10480044	1.17	3 1-	2 ACSR 6/1	0	0	2394	185	18	2	1	0.01	0.33	0
10480045	10480042	1.23	1 1-	2 ACSR 6/1	0	0	2310	184	6	0	0	0.00	0.33	0
10480024	10480069	0.72	249 3-	1/0 ACSR 6/1	3411	3321	3124	187	1463	61	27	0.10	0.53	120
10480040	10480024	0.78	5 1-	2 ACSR 6/1	0	0	3012	187	33	4	2	0.00	0.87	0
10480031	10480040	0.82	1 1-	2 ACSR 6/1	0	0	2915	186	8	1	1	0.00	0.87	0
10480032	10480024	0.82	244 3-	1/0 ACSR 6/1	3264	3160	2945	187	1429	59	26	0.10	0.61	110
10480035	10480032	0.87	2 1-	2 ACSR 6/1	0	0	2854	186	8	0	1	0.00	0.99	0
10480033	10480032	0.89	242 3-	1/0 ACSR 6/1	3163	3049	2824	186	1420	59	26	0.07	0.67	80
10480034	10480033	0.96	240 3-	1/0 ACSR 6/1	3074	2953	2722	186	1406	59	26	0.07	0.73	73
10480081	10480034	0.99	11 1-	2 ACSR 6/1	0	0	2670	186	43	5	3	0.00	1.16	0
10480077	10480081	1.03	7 1-	2 ACSR 6/1	0	0	2603	185	22	2	2	0.00	1.16	0
10480078	10480077	1.07	3 1-	2 ACSR 6/1	0	0	2527	185	8	1	1	0.00	1.16	0
10480089	10480078	1.12	3 1-	2 ACSR 6/1	0	0	2448	185	8	1	1	0.00	1.16	0
10480090	10480089	1.17	1 1-	2 ACSR 6/1	0	0	2382	184	1	0	0	0.00	1.16	0
10380034	10480034	1.04	228 3-	1/0 ACSR 6/1	2970	2842	2604	186	1353	56	25	0.09	0.79	83
10380024	10380034	1.07	224 3-	1/0 ACSR 6/1	2930	2799	2559	185	1330	55	24	0.03	0.82	34
10380023	10380024	1.12	1 1-	2 ACSR 6/1	0	0	2486	185	3	0	0	0.00	0.81	0
10380015	10380024	1.17	221 3-	1/0 ACSR 6/1	2808	2669	2425	185	1309	55	24	0.11	0.90	106
10380029	10380015	1.23	2 1-	2 ACSR 6/1	0	0	2349	184	5	0	0	0.00	0.92	0
10380014	10380015	1.38	219 3-	1/0 ACSR 6/1	2591	2442	2195	184	1304	54	24	0.21	1.06	207
10380021	10380014	1.47	217 3-	1/0 ACSR 6/1	2503	2351	2105	183	1289	54	24	0.10	1.13	91
10380020	10380021	1.59	217 3-	1/0 ACSR 6/1	2392	2237	1993	183	1288	54	24	0.13	1.22	124
CAP122	10380020	1.59	216 3-	Capacitor	0	0	0	0	1274	53	0	0.00	1.22	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10380018	CAP122	1.72	1 1-	2 ACSR 6/1	0	0	1874	182	3	0	0	0.00	1.91	0
10380028	CAP122	1.72	215 3-	1/0 ACSR 6/1	2289	2132	1891	182	1271	54	24	0.14	1.33	126
10380033	10380028	1.77	1 1-	2 ACSR 6/1	0	0	1841	182	8	1	0	0.00	2.07	0
10380038	10380028	1.77	214 3-	1/0 ACSR 6/1	2245	2088	1849	182	1262	53	23	0.06	1.38	56
10380037	10380038	1.82	212 3-	1/0 ACSR 6/1	2212	2055	1817	182	1250	53	23	0.05	1.41	42
10380031	10380037	1.91	206 3-	1/0 ACSR 6/1	2146	1988	1753	181	1208	51	22	0.10	1.49	86
10280025	10380031	2.14	198 3-	1/0 ACSR 6/1	1995	1838	1612	180	1167	49	22	0.25	1.67	204
10280024	10280025	2.19	198 3-	1/0 ACSR 6/1	1967	1811	1586	180	1165	49	22	0.05	1.71	41
10280023	10280024	2.24	1 1-	2 ACSR 6/1	0	0	1552	179	1	0	0	0.00	2.64	0
10280012	10280024	2.26	196 3-	1/0 ACSR 6/1	1927	1771	1549	179	1162	49	22	0.07	1.76	61
10280032	10280012	2.31	18 1-	2 ACSR 6/1	0	0	1518	179	97	12	7	0.02	2.74	1
10280033	10280032	2.34	17 1-	2 ACSR 6/1	0	0	1497	179	88	11	6	0.01	2.75	0
10280022	10280033	2.39	1 1-	2 ACSR 6/1	0	0	1473	178	3	0	0	0.00	2.75	0
10280016	10280033	2.42	16 1-	2 ACSR 6/1	0	0	1456	178	85	10	6	0.02	2.77	1
10280021	10280016	2.48	15 1-	2 ACSR 6/1	0	0	1424	178	74	9	5	0.02	2.79	0
10280013	10280021	2.53	13 1-	2 ACSR 6/1	0	0	1393	177	65	8	5	0.01	2.80	0
10280014	10280013	2.60	12 1-	2 ACSR 6/1	0	0	1362	177	59	7	4	0.01	2.81	0
10280015	10280014	2.65	9 1-	2 ACSR 6/1	0	0	1336	176	46	5	3	0.01	2.82	0
10270023	10280015	2.85	7 1-	2 ACSR 6/1	0	0	1249	175	35	4	3	0.02	2.84	0
10370031	10270023	2.92	6 1-	2 ACSR 6/1	0	0	1219	174	31	4	2	0.01	2.85	0
10370050	10370031	3.01	3 1-	2 ACSR 6/1	0	0	1182	174	21	2	2	0.01	2.86	0
10370051	10370050	3.06	2 1-	2 ACSR 6/1	0	0	1163	173	18	2	1	0.00	2.86	0
10280010	10280012	2.50	178 3-	1/0 ACSR 6/1	1799	1646	1433	178	1064	45	20	0.28	1.93	182
10280027	10280010	2.56	177 3-	1/0 ACSR 6/1	1770	1618	1407	178	1060	45	20	0.07	1.97	44
10280028	10280027	2.69	177 3-	1/0 ACSR 6/1	1706	1555	1351	177	1060	45	20	0.16	2.07	103
10270064	10280028	2.75	174 3-	1/0 ACSR 6/1	1678	1529	1326	177	1053	45	20	0.07	2.11	47
10270025	10270064	2.84	173 3-	1/0 ACSR 6/1	1643	1494	1295	176	1051	45	20	0.09	2.17	62
10270024	10270025	2.90	171 3-	1/0 ACSR 6/1	1616	1468	1272	176	1043	44	19	0.07	2.22	49
10270048	10270024	2.94	159 3-	1/0 ACSR 6/1	1600	1454	1258	176	997	42	19	0.04	2.24	27
10270047	10270048	3.00	159 3-	1/0 ACSR 6/1	1575	1430	1237	175	996	42	19	0.07	2.28	46
10270049	10270047	3.07	1 1-	2 ACSR 6/1	0	0	1209	175	6	0	0	0.00	3.44	0
10270050	10270047	3.08	2 1-	2 ACSR 6/1	0	0	1205	175	15	1	1	0.00	3.44	0
10270037	10270047	3.08	155 3-	1/0 ACSR 6/1	1548	1403	1213	175	972	41	18	0.09	2.33	51
10270068	10270037	3.21	155 3-	1/0 ACSR 6/1	1499	1357	1171	174	972	41	18	0.16	2.42	93
10-27-P017-A	10270068	3.21	154 3-	Closed	1499	1357	1171	174	967	41	0	0.00	2.42	0
10-27-P017-B	10-27-P017-A	3.21	154 3-	Closed	1499	1357	1171	174	967	41	0	0.00	2.42	0
10270067	10-27-P017-B	3.26	154 3-	1/0 ACSR 6/1	1483	1341	1157	174	967	41	18	0.06	2.45	33
10270051	10270067	3.35	154 3-	1/0 ACSR 6/1	1452	1312	1131	174	967	41	18	0.11	2.51	64
10270030	10270051	3.43	153 3-	1/0 ACSR 6/1	1426	1288	1109	173	952	41	18	0.09	2.56	54
10270031	10270030	3.51	152 3-	1/0 ACSR 6/1	1402	1265	1088	173	942	40	18	0.09	2.61	53
10270032	10270031	3.59	151 3-	1/0 ACSR 6/1	1377	1242	1068	173	929	40	17	0.09	2.66	54
10270019	10270032	3.63	35 1-	2 ACSR 6/1	0	0	1054	172	193	25	14	0.03	3.98	5
D10-27-P042	10270019	3.63	32 1-	REC-35-H	0	0	1054	172	173	22	64	0.00	3.98	0
10270034	D10-27-P042	3.66	32 1-	2 ACSR 6/1	0	0	1045	172	173	22	12	0.02	4.00	3
10270069	10270034	3.70	31 1-	2 ACSR 6/1	0	0	1033	172	168	21	12	0.02	4.03	3
10270070	10270069	3.76	30 1-	2 ACSR 6/1	0	0	1019	171	163	21	12	0.03	4.06	4
10270035	10270070	3.85	28 1-	2 ACSR 6/1	0	0	994	171	154	20	11	0.05	4.11	6
10170041	10270035	3.90	17 1-	2 ACSR 6/1	0	0	981	170	92	11	7	0.02	4.13	1
10170053	10170041	3.98	1 1-	2 ACSR 6/1	0	0	960	170	9	1	1	0.00	4.13	0
10170017	10170041	3.95	16 1-	2 ACSR 6/1	0	0	966	170	83	10	6	0.02	4.14	1
10180017	10170017	4.03	15 1-	2 ACSR 6/1	0	0	947	170	83	10	6	0.02	4.16	1
10180018	10180017	4.12	13 1-	2 ACSR 6/1	0	0	926	169	70	9	5	0.02	4.19	1

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LROP DROP	TOTAL DROP	LINE LOSS
10180020	10180018	4.20	11 1-	2 ACSR 6/1	0	0	908	168	59	7	4	0.02	4.20	0
10180011	10180020	4.34	8 1-	2 ACSR 6/1	0	0	878	167	51	6	4	0.03	4.23	1
10180012	10180011	4.42	8 1-	2 ACSR 6/1	0	0	861	167	51	6	4	0.01	4.24	0
10180009	10180012	4.50	7 1-	2 ACSR 6/1	0	0	846	166	45	5	3	0.01	4.26	0
10180024	10180009	4.60	6 1-	2 ACSR 6/1	0	0	826	166	44	5	3	0.02	4.27	0
10180025	10180024	4.69	6 1-	2 ACSR 6/1	0	0	809	165	44	5	3	0.01	4.29	0
10180013	10180025	4.75	4 1-	2 ACSR 6/1	0	0	799	165	31	3	2	0.01	4.29	0
10180016	10180013	4.87	2 1-	2 ACSR 6/1	0	0	778	164	17	2	1	0.01	4.30	0
10180015	10180016	4.93	1 1-	2 ACSR 6/1	0	0	768	163	7	0	1	0.00	4.30	0
10280009	10180015	5.01	0 1-	2 ACSR 6/1	0	0	756	163	0	0	0	0.00	4.30	0
10280011	10180015	5.16	1 1-	2 ACSR 6/1	0	0	734	162	7	0	1	0.00	4.30	0
10180014	10180013	4.80	2 1-	2 ACSR 6/1	0	0	790	164	14	1	1	0.00	4.29	0
10180010	10180009	4.68	1 1-	2 ACSR 6/1	0	0	812	165	0	0	0	0.00	4.26	0
10180021	10180020	4.30	2 1-	2 ACSR 6/1	0	0	886	168	6	0	0	0.00	4.20	0
10280029	10180021	4.48	1 1-	2 ACSR 6/1	0	0	849	166	3	0	0	0.00	4.21	0
10180008	10170017	4.03	0 1-	2 ACSR 6/1	0	0	947	170	0	0	0	0.00	4.14	0
10170042	10270035	3.92	9 1-	2 ACSR 6/1	0	0	975	170	53	6	4	0.01	4.12	0
10170043	10170042	4.01	7 1-	2 ACSR 6/1	0	0	952	170	40	5	3	0.01	4.13	0
10170060	10170043	4.06	3 1-	2 ACSR 6/1	0	0	940	169	18	2	1	0.00	4.13	0
10170044	10170043	4.07	2 1-	2 ACSR 6/1	0	0	937	169	7	0	1	0.00	4.13	0
10170045	10170044	4.10	1 1-	2 ACSR 6/1	0	0	931	169	6	0	0	0.00	4.13	0
10270033	10270019	3.67	2 1-	2 ACSR 6/1	0	0	1043	172	10	1	1	0.00	3.99	0
10270021	10270019	3.71	1 1-	2 ACSR 6/1	0	0	1030	172	10	1	1	0.00	3.99	0
10270018	10270032	3.66	116 3-	1/0 ACSR 6/1	1357	1222	1051	172	736	31	14	0.09	2.69	40
10270020	10270018	3.73	1 1-	2 ACSR 6/1	0	0	1029	172	6	0	0	0.00	3.98	0
10270022	10270018	3.83	115 3-	1/0 ACSR 6/1	1309	1177	1010	171	729	31	14	0.23	2.78	98
10170051	10270022	3.91	111 3-	1/0 ACSR 6/1	1288	1157	993	171	672	29	13	0.11	2.81	45
10170050	10170051	3.93	40 1-	2 ACSR 6/1	0	0	987	171	272	35	20	0.02	4.07	5
D10-17-P065	10170050	3.93	40 1-	REC-35-H	0	0	987	171	272	35	101	0.00	4.07	0
10170027	D10-17-P065	4.12	40 1-	2 ACSR 6/1	0	0	939	170	272	35	20	0.19	4.26	42
10170031	10170027	4.21	1 1-	2 ACSR 6/1	0	0	918	169	9	1	1	0.00	4.26	0
10170065	10170027	4.17	38 1-	2 ACSR 6/1	0	0	927	169	259	33	19	0.05	4.31	11
10170066	10170065	4.34	38 1-	2 ACSR 6/1	0	0	890	168	259	33	19	0.16	4.47	33
10170032	10170066	4.45	36 1-	2 ACSR 6/1	0	0	867	167	254	33	18	0.10	4.57	21
10170033	10170032	4.55	35 1-	2 ACSR 6/1	0	0	848	167	251	32	18	0.09	4.66	18
10170028	10170033	4.65	35 1-	2 ACSR 6/1	0	0	829	166	250	32	18	0.09	4.75	19
10170029	10170028	4.70	34 1-	2 ACSR 6/1	0	0	819	166	248	32	18	0.05	4.80	10
10170030	10170029	4.81	33 1-	2 ACSR 6/1	0	0	799	165	245	32	18	0.10	4.90	19
10170034	10170030	4.90	32 1-	2 ACSR 6/1	0	0	784	164	235	30	17	0.08	4.97	15
10170039	10170034	4.94	2 1-	2 ACSR 6/1	0	0	777	164	8	0	1	0.00	4.98	0
10170038	10170034	4.96	29 1-	2 ACSR 6/1	0	0	774	164	226	29	16	0.05	5.03	9
10170035	10170038	5.02	28 1-	2 ACSR 6/1	0	0	764	164	217	28	16	0.05	5.07	9
10170040	10170035	5.06	27 1-	2 ACSR 6/1	0	0	759	163	217	28	16	0.03	5.10	5
10160005	10170040	5.19	25 1-	2 ACSR 6/1	0	0	739	162	193	25	14	0.09	5.20	15
10060010	10160005	5.28	25 1-	2 ACSR 6/1	0	0	725	162	193	25	14	0.06	5.26	10
10060007	10060010	5.31	22 1-	2 ACSR 6/1	0	0	721	162	182	23	13	0.02	5.28	3
10060008	10060007	5.37	21 1-	2 ACSR 6/1	0	0	712	161	168	22	12	0.04	5.32	5
10060006	10060008	5.48	20 1-	2 ACSR 6/1	0	0	697	161	158	20	12	0.06	5.38	8
10060002	10060006	6.08	19 1-	2 ACSR 6/1	0	0	625	157	155	20	11	0.34	5.72	42
4960003	10060002	6.15	18 1-	2 ACSR 6/1	0	0	617	156	146	19	11	0.04	5.75	4
4960004	4960003	6.24	15 1-	2 ACSR 6/1	0	0	608	156	121	15	9	0.04	5.79	3
4960007	4960004	6.34	11 1-	2 ACSR 6/1	0	0	599	155	89	11	6	0.03	5.82	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
4960009	4960007	6.56	9 1-	2 ACSR 6/1	0	0	577	154	67	8	5	0.06	5.88	3
4950015	4960009	6.67	1 1-	2 ACSR 6/1	0	0	567	153	8	1	1	0.00	5.88	0
4950021	4960009	6.62	8 1-	2 ACSR 6/1	0	0	571	154	59	7	4	0.01	5.89	0
4950025	4950021	6.68	2 1-	2 ACSR 6/1	0	0	567	153	12	1	1	0.00	5.89	0
4950023	4950021	6.73	3 1-	2 ACSR 6/1	0	0	562	153	29	3	2	0.01	5.90	0
4950024	4950023	6.88	2 1-	2 ACSR 6/1	0	0	549	152	17	2	1	0.01	5.91	0
4850005	4950024	7.17	1 1-	2 ACSR 6/1	0	0	526	150	12	1	1	0.01	5.91	0
4850004	4950024	6.93	1 1-	2 ACSR 6/1	0	0	545	152	5	0	0	0.00	5.91	0
4850009	4850004	7.06	0 1-	2 ACSR 6/1	0	0	535	151	0	0	0	0.00	5.91	0
4950022	4950021	6.68	1 1-	2 ACSR 6/1	0	0	566	153	9	1	1	0.00	5.89	0
4960005	4960004	6.30	1 1-	2 ACSR 6/1	0	0	603	156	7	0	0	0.00	5.79	0
4960006	4960005	6.33	0 1-	2 ACSR 6/1	0	0	599	155	0	0	0	0.00	5.79	0
10060009	10160005	5.22	0 1-	2 ACSR 6/1	0	0	733	162	0	0	0	0.00	5.20	0
10160004	10170040	5.10	1 1-	2 ACSR 6/1	0	0	752	163	12	1	1	0.00	5.10	0
10170036	10170038	5.02	1 1-	2 ACSR 6/1	0	0	764	163	9	1	1	0.00	5.03	0
10170037	10170036	5.13	0 1-	2 ACSR 6/1	0	0	747	163	0	0	0	0.00	5.03	0
10170016	10170033	4.64	0 1-	2 ACSR 6/1	0	0	829	166	0	0	0	0.00	4.66	0
10170049	10170051	4.00	70 3-	1/0 ACSR 6/1	1264	1135	973	171	396	17	7	0.06	2.84	13
10170047	10170049	4.10	69 3-	1/0 ACSR 6/1	1239	1111	952	170	392	16	7	0.07	2.86	15
D10-17-P022	10170047	4.10	69 3-	RBC-35-H	1239	1111	952	170	392	16	48	0.00	2.86	0
10170048	D10-17-P022	4.23	69 3-	1/0 ACSR 6/1	1208	1082	927	169	392	16	7	0.08	2.90	19
10170059	10170048	4.39	68 3-	1/0 ACSR 6/1	1173	1050	899	169	384	16	7	0.10	2.94	22
10170063	10170059	4.48	5 1-	2 ACSR 6/1	0	0	879	168	30	3	2	0.01	4.23	0
10170064	10170063	4.71	4 1-	2 ACSR 6/1	0	0	833	167	22	2	2	0.02	4.24	0
10170058	10170064	4.82	2 1-	2 ACSR 6/1	0	0	814	166	9	1	1	0.00	4.25	0
10180019	10170058	5.00	1 1-	2 ACSR 6/1	0	0	783	165	6	0	0	0.00	4.25	0
10170057	10170064	4.78	1 1-	2 ACSR 6/1	0	0	820	166	9	1	1	0.00	4.24	0
10170055	10170059	4.47	61 3-	1/0 ACSR 6/1	1155	1034	884	168	350	15	7	0.06	2.96	12
10170056	10170055	4.57	60 3-	1/0 ACSR 6/1	1135	1014	867	168	349	15	7	0.07	2.98	14
10170054	10170056	4.62	1 1-	2 ACSR 6/1	0	0	858	168	5	0	0	0.00	4.25	0
10170025	10170056	4.66	59 3-	1/0 ACSR 6/1	1116	997	852	167	345	14	6	0.06	3.00	13
10170026	10170025	4.74	58 3-	1/0 ACSR 6/1	1100	983	839	167	338	14	6	0.05	3.02	11
10070005	10170026	4.84	1 1-	2 ACSR 6/1	0	0	821	166	8	1	1	0.00	4.29	0
10070006	10170026	4.96	55 3-	1/0 ACSR 6/1	1060	945	807	166	310	13	6	0.14	3.06	31
10070007	10070006	5.23	54 3-	1/0 ACSR 6/1	1013	902	769	165	300	13	6	0.18	3.12	39
4970026	10070007	5.29	53 3-	1/0 ACSR 6/1	1005	894	762	165	298	12	6	0.03	3.13	7
4970042	4970026	5.37	2 1-	2 ACSR 6/1	0	0	749	164	12	1	1	0.00	4.40	0
4970043	4970042	5.41	1 1-	2 ACSR 6/1	0	0	744	164	11	1	1	0.00	4.40	0
4970009	4970026	5.40	51 3-	1/0 ACSR 6/1	987	878	748	164	286	12	5	0.08	3.15	16
4970035	4970009	5.43	5 1-	2 ACSR 6/1	0	0	744	164	17	2	1	0.00	4.42	0
4970036	4970035	5.48	5 1-	2 ACSR 6/1	0	0	735	163	17	2	1	0.00	4.42	0
4970037	4970036	5.54	1 1-	2 ACSR 6/1	0	0	728	163	8	1	1	0.00	4.42	0
4970027	4970036	5.55	4 1-	2 ACSR 6/1	0	0	726	163	9	1	1	0.00	4.42	0
4970028	4970027	5.64	3 1-	2 ACSR 6/1	0	0	713	162	6	0	0	0.00	4.42	0
4970039	4970028	5.73	3 1-	2 ACSR 6/1	0	0	702	162	6	0	0	0.00	4.42	0
4970040	4970039	5.85	1 1-	2 ACSR 6/1	0	0	686	161	2	0	0	0.00	4.43	0
4970041	4970040	5.95	0 1-	2 ACSR 6/1	0	0	673	160	0	0	0	0.00	4.43	0
4970038	4970039	6.06	1 1-	2 ACSR 6/1	0	0	659	160	1	0	0	0.00	4.43	0
4880001	4970038	6.15	1 1-	2 ACSR 6/1	0	0	649	159	1	0	0	0.00	4.43	0
4970029	4970009	5.59	46 1-	2 ACSR 6/1	0	0	720	163	268	35	20	0.19	5.20	41
4970030	4970029	5.65	45 1-	2 ACSR 6/1	0	0	712	162	256	33	19	0.06	5.26	11
4970031	4970030	5.74	44 1-	2 ACSR 6/1	0	0	699	162	249	32	18	0.09	5.34	17

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS	CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
4970033	4970031	5.80	44 1-	2 ACSR 6/1	0	0	692	161	249	32	18	0.05	5.40	10
4970034	4970033	5.88	43 1-	2 ACSR 6/1	0	0	681	161	240	31	18	0.07	5.47	15
4870030	4970034	5.96	42 1-	2 ACSR 6/1	0	0	671	160	229	30	17	0.07	5.54	12
4870031	4870030	6.01	41 1-	2 ACSR 6/1	0	0	665	160	216	28	16	0.04	5.58	7
4870038	4870031	6.07	1 1-	2 ACSR 6/1	0	0	659	160	8	1	1	0.00	5.58	0
4870036	4870031	6.18	40 1-	2 ACSR 6/1	0	0	646	159	208	27	15	0.13	5.70	22
4870037	4870036	6.24	39 1-	2 ACSR 6/1	0	0	639	159	203	26	15	0.05	5.75	8
4870035	4870037	6.52	28 1-	2 ACSR 6/1	0	0	609	157	153	20	11	0.16	5.91	20
4870034	4870035	6.59	26 1-	2 ACSR 6/1	0	0	602	156	148	19	11	0.04	5.95	4
4860011	4870034	6.70	24 1-	2 ACSR 6/1	0	0	591	156	137	17	10	0.06	6.00	6
4860012	4860011	6.74	2 1-	2 ACSR 6/1	0	0	588	156	16	2	1	0.00	6.00	0
4860010	4860011	6.87	22 1-	2 ACSR 6/1	0	0	575	155	121	16	9	0.08	6.08	8
D04-86-P013	4860010	6.87	22 1-	SEC-35-GH	0	0	575	155	121	16	0	0.00	6.08	0
4860020	D04-86-P013	6.93	22 1-	2 ACSR 6/1	0	0	570	154	121	16	9	0.03	6.11	3
4860021	4860020	7.09	20 1-	2 ACSR 6/1	0	0	556	153	114	15	8	0.07	6.18	6
4760010	4860021	7.25	10 1-	2 ACSR 6/1	0	0	543	153	71	9	5	0.04	6.21	2
4760012	4760010	7.39	8 1-	2 ACSR 6/1	0	0	532	152	46	6	3	0.02	6.24	0
4760008	4760012	7.56	7 1-	2 ACSR 6/1	0	0	518	151	34	4	3	0.02	6.25	0
4760019	4760008	7.72	2 1-	2 ACSR 6/1	0	0	507	150	6	0	0	0.00	6.26	0
4760020	4760019	7.94	1 1-	2 ACSR 6/1	0	0	492	149	1	0	0	0.00	6.26	0
4760009	4760008	7.61	4 1-	2 ACSR 6/1	0	0	515	150	20	2	1	0.00	6.26	0
4760007	4760009	7.69	2 1-	2 ACSR 6/1	0	0	509	150	12	1	1	0.00	6.26	0
4760021	4760007	8.13	1 1-	2 ACSR 6/1	0	0	479	148	7	0	1	0.01	6.27	0
4760022	4760021	8.21	1 1-	2 ACSR 6/1	0	0	475	147	7	0	1	0.00	6.27	0
4760011	4760010	7.31	1 1-	2 ACSR 6/1	0	0	538	152	12	1	1	0.00	6.22	0
4760005	4860021	7.15	10 1-	2 ACSR 6/1	0	0	551	153	44	5	3	0.01	6.19	0
4760006	4760005	7.19	9 1-	2 ACSR 6/1	0	0	547	153	42	5	3	0.01	6.19	0
4760015	4760006	7.29	1 1-	2 ACSR 6/1	0	0	540	152	0	0	0	0.00	6.19	0
4760016	4760006	7.42	8 1-	2 ACSR 6/1	0	0	529	152	42	5	3	0.04	6.23	1
4860023	4760016	7.54	5 1-	2 ACSR 6/1	0	0	520	151	18	2	1	0.01	6.24	0
4860024	4860023	7.67	4 1-	2 ACSR 6/1	0	0	511	150	18	2	1	0.01	6.24	0
4860026	4860024	7.72	2 1-	2 ACSR 6/1	0	0	507	150	11	1	1	0.00	6.24	0
4860025	4860024	7.79	0 1-	2 ACSR 6/1	0	0	502	149	0	0	0	0.00	6.24	0
4860022	4760016	7.57	2 1-	2 ACSR 6/1	0	0	518	151	22	2	2	0.01	6.23	0
4870033	4870035	6.58	1 1-	2 ACSR 6/1	0	0	603	157	0	0	0	0.00	5.91	0
4870010	4870037	6.32	11 1-	2 ACSR 6/1	0	0	630	158	50	6	4	0.02	5.77	0
4870032	4870010	6.40	2 1-	2 ACSR 6/1	0	0	622	158	12	1	1	0.00	5.77	0
4870011	4870010	6.36	9 1-	2 ACSR 6/1	0	0	626	158	39	5	3	0.00	5.77	0
D04-87-P014	4870011	6.36	9 1-	SEC-35-GH	0	0	626	158	39	5	0	0.00	5.77	0
4870012	D04-87-P014	6.52	9 1-	2 ACSR 6/1	0	0	609	157	39	5	3	0.02	5.79	0
4870039	4870012	6.64	1 1-	2 ACSR 6/1	0	0	597	156	5	0	0	0.00	5.80	0
4870044	4870012	6.68	7 1-	2 ACSR 6/1	0	0	593	156	25	3	2	0.01	5.81	0
4870045	4870044	6.96	6 1-	2 ACSR 6/1	0	0	567	154	18	2	1	0.02	5.83	0
4870042	4870045	7.13	4 1-	2 ACSR 6/1	0	0	552	153	13	1	1	0.01	5.83	0
4870043	4870042	7.27	4 1-	2 ACSR 6/1	0	0	541	152	13	1	1	0.01	5.84	0
4770011	4870043	7.69	2 1-	2 ACSR 6/1	0	0	509	150	12	1	1	0.02	5.86	0
4770012	4770011	7.79	2 1-	2 ACSR 6/1	0	0	502	149	12	1	1	0.00	5.87	0
4770006	4770012	7.87	2 1-	2 ACSR 6/1	0	0	497	149	12	1	1	0.00	5.87	0
4770007	4770006	8.13	1 1-	2 ACSR 6/1	0	0	480	148	8	1	1	0.01	5.88	0
4780004	4770007	8.17	1 1-	2 ACSR 6/1	0	0	477	147	8	1	1	0.00	5.88	0
4780003	4770007	8.17	0 1-	2 ACSR 6/1	0	0	477	147	0	0	0	0.00	5.88	0
4770005	4770012	7.89	0 1-	2 ACSR 6/1	0	0	495	149	0	0	0	0.00	5.87	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
SUB	0	LIBERTY CHURCH		762		5173	5218	5337	190	7036				
	0CD85	LIBERTY CHURCH	0.00	110 3-	BK4801	5173	5218	5337	190	3405	148 87	0.00	0.00	0
	OH89	0CD85	0.10	110 3-	336 ACSR 18/1	4959	4967	4976	190	3405	148 28	0.07	0.10	205
	9670075	OH89	0.28	2 3-	336 ACSR 18/1	4599	4552	4414	190	15	0	0.00	0.10	0
	9670080	9670075	0.40	2 3-	336 ACSR 18/1	4393	4318	4112	189	15	0	0.00	0.10	0
	9670078	OH89	0.14	108 3-	336 ACSR 18/1	4880	4876	4849	190	3388	147 28	0.03	0.14	79
	09-67-P167-A	9670078	0.14	108 3-	Closed	4880	4876	4849	190	3387	147	0	0.00	0.14
	09-67-P167-B	09-67-P167-A	0.14	108 3-	Closed	4880	4876	4849	190	3387	147	0	0.00	0.14
	9670079	9670079	0.19	108 3-	336 ACSR 18/1	4771	4750	4676	190	3387	147 28	0.04	0.20	113
	9670077	9670079	0.23	10 3-	336 ACSR 18/1	4705	4673	4574	190	422	19 4	0.00	0.21	3
	9670060	9670077	0.32	1 1-	15 KV 2 URD XLP	0	0	4279	494	78	10 6	0.02	0.35	0
	9670053	9670077	0.28	9 3-	15 KV 2 URD XLP	4646	4639	4493	498	344	15 9	0.00	0.23	14
	9670054	9670053	0.34	9 3-	15 KV 2 URD XLP	4552	4568	4365	493	344	15 9	0.00	0.25	20
	9670052	9670054	0.43	9 3-	15 KV 2 URD XLP	4405	4435	4170	487	344	15 9	0.00	0.29	26
	9670059	9670052	0.46	3 3-	15 KV 2 URD XLP	4346	4378	4094	485	290	13 8	0.00	0.30	3
	9670010	9670059	0.46	2 3-	Consumer	4346	4378	4094	485	114	5	0	0.00	0.30
	9670051	9670052	0.48	6 3-	15 KV 2 URD XLP	4311	4343	4049	484	53	-2	1	0.00	0.29
	9670084	9670051	0.52	2 3-	15 KV 2 URD XLP	4247	4279	3969	482	42	-1	1	0.00	0.29
	9670087	9670084	0.72	1 1-	2 ACSR 6/1	0	0	3286	185	0	0	0.00	0.59	0
	9670088	9670084	0.57	1 3-	2 ACSR 6/1	4087	4081	3764	187	42	1	1	0.00	0.29
	9670089	9670088	0.60	0 1-	2 ACSR 6/1	0	0	3681	186	0	0	0.00	0.59	0
	D09-67-P173	9670089	0.60	0 1-	FUS	0	0	3681	186	0	0	0.00	0.59	0
	9670085	D09-67-P173	0.68	0 1-	2 ACSR 6/1	0	0	3401	186	0	0	0.00	0.59	0
	9670083	9670085	0.74	0 1-	2 ACSR 6/1	0	0	3227	185	0	0	0.00	0.59	0
	9670050	9670051	0.51	4 1-	15 KV 2 URD XLP	0	0	3938	482	12	1	1	0.00	0.58
	9670076	9670079	0.32	98 3-	336 ACSR 18/1	4533	4477	4316	190	2964	128 24	0.07	0.31	195
	9670048	9670076	0.36	3 3-	336 ACSR 18/1	4465	4400	4216	189	1081	47 9	0.01	0.33	8
	NEW LP7	9670048	0.36	1 3-	Consumer	4465	4400	4216	189	1058	46	0	0.00	0.33
	9670037	9670076	0.58	95 3-	336 ACSR 18/1	4119	4013	3733	189	1882	80 15	0.06	0.45	162
	9570044	9670037	0.84	95 3-	336 ACSR 18/1	3765	3627	3279	188	1880	80 15	0.06	0.59	165
	9570055	9570044	1.01	3 3-	336 ACSR 18/1	3569	3417	3042	188	24	1	0	0.00	0.59
	9570990	9570055	1.01	2 3-	Consumer	3569	3417	3042	188	8	0	0	0.00	0.59
	9570118	9570055	1.15	1 3-	1/0 ACSR 6/1	3355	3191	2812	187	16	0	0	0.00	0.60
	9570057	9570044	0.91	92 3-	336 ACSR 18/1	3686	3542	3182	188	1854	79 15	0.01	0.63	40
	9570056	9570057	0.97	92 3-	336 ACSR 18/1	3615	3467	3097	188	1854	79 15	0.01	0.66	37
	9570113	9570056	1.03	3 3-	336 ACSR 18/1	3542	3390	3011	188	85	3	1	0.00	0.66
	9570125	9570113	1.06	2 1-	2 ACSR 6/1	0	0	2956	188	2	0	0	0.00	0.35
	9570112	9570113	1.10	1 3-	336 ACSR 18/1	3473	3317	2931	188	82	3	1	0.00	0.66
	9570041	9570056	1.02	88 3-	336 ACSR 18/1	3562	3411	3034	188	1769	76 14	0.01	0.68	26
	9570058	9570041	1.10	1 1-	2 ACSR 6/1	0	0	2865	187	2	0	0	0.00	0.78
	9570126	9570058	1.18	0 1-	2 ACSR 6/1	0	0	2723	187	0	0	0	0.00	0.78
	9570109	9570126	1.25	0 1-	2 ACSR 6/1	0	0	2619	186	0	0	0	0.00	0.78
	9570111	9570109	1.30	0 1-	2 ACSR 6/1	0	0	2530	186	0	0	0	0.00	0.78
	9570110	9570109	1.30	0 1-	2 ACSR 6/1	0	0	2530	186	0	0	0	0.00	0.78
	9570040	9570041	1.09	87 3-	336 ACSR 18/1	3478	3322	2937	188	1767	75 14	0.01	0.72	43
	9570039	9570040	1.13	2 3-	336 ACSR 18/1	3442	3284	2895	188	337	15 3	0.00	0.73	0
	9570970	9570039	1.13	2 3-	Consumer	3442	3284	2895	188	337	15	0	0.00	0.73
	9570092	9570039	1.15	0 3-	15 KV 2 URD XLP	3422	3265	2874	484	0	0	0	0.00	0.73
	9570093	9570092	1.15	0 3-	15 KV 2 URD XLP	3419	3262	2871	483	0	0	0	0.00	0.73
	9570038	9570040	1.13	85 3-	336 ACSR 18/1	3443	3285	2896	188	1429	60 11	0.00	0.73	12
	9570094	9570038	1.15	2 3-	336 ACSR 18/1	3419	3260	2868	188	632	29 6	0.01	0.74	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9570091	9570094	1.17	2 3-	336 ACSR 18/1	3398	3238	2845	188	631	29	6	0.01	0.74	2
9570700	9570091	1.17	2 3-	Consumer	3398	3238	2845	188	631	29	0	0.00	0.74	0
9570051	9570038	1.15	83 3-	336 ACSR 18/1	3416	3257	2865	188	798	33	6	-0.01	0.74	4
9570054	9570051	1.21	2 3-	336 ACSR 18/1	3359	3197	2800	188	377	17	3	0.01	0.74	2
9570950	9570054	1.21	2 3-	Consumer	3359	3197	2800	188	377	17	0	0.00	0.74	0
9570043	9570054	1.24	0 3-	15 KV 2 URD XLP	3336	3175	2777	482	0	0	0	0.00	0.74	0
9570107	9570051	1.40	81 3-	336 ACSR 18/1	3179	3010	2601	187	421	23	5	-0.09	0.73	20
C09-57-P118	9570107	1.40	0 3-	Capacitor	3179	3010	2601	187	0	-13	0	0.00	0.73	0
9570106	9570107	1.49	81 3-	336 ACSR 18/1	3103	2933	2519	187	421	17	3	-0.02	0.74	6
D09-57-P116	9570106	1.49	41 1-	REC-50-4H	0	0	2519	187	208	26	53	0.00	0.90	0
9570121	D09-57-P116	1.52	41 1-	2 ACSR 6/1	0	0	2476	187	208	26	15	0.02	0.93	4
9570122	9570121	1.56	40 1-	2 ACSR 6/1	0	0	2425	186	203	25	14	0.03	0.95	4
9570049	9570122	1.59	7 1-	2 ACSR 6/1	0	0	2386	186	38	4	3	0.00	0.96	0
9570050	9570049	1.64	5 1-	2 ACSR 6/1	0	0	2315	186	31	3	2	0.00	0.96	0
9570053	9570050	1.68	3 1-	2 ACSR 6/1	0	0	2268	185	19	2	1	0.00	0.96	0
9570061	9570122	1.68	33 1-	2 ACSR 6/1	0	0	2274	186	165	20	12	0.07	1.02	9
9570070	9570061	1.70	31 1-	2 ACSR 6/1	0	0	2240	185	147	18	10	0.01	1.04	2
9570071	9570070	1.74	31 1-	2 ACSR 6/1	0	0	2197	185	147	18	10	0.02	1.06	2
9570072	9570071	1.81	20 1-	2 ACSR 6/1	0	0	2123	184	122	15	9	0.03	1.08	3
9570073	9570072	1.84	18 1-	2 ACSR 6/1	0	0	2087	184	111	14	8	0.01	1.10	1
9570074	9570073	1.88	17 1-	2 ACSR 6/1	0	0	2045	184	99	12	7	0.01	1.11	0
9570075	9570074	2.09	11 1-	2 ACSR 6/1	0	0	1848	182	67	8	5	0.05	1.16	2
9570066	9570075	2.15	4 1-	2 ACSR 6/1	0	0	1803	182	26	3	2	0.00	1.16	0
9570090	9570066	2.21	2 1-	2 ACSR 6/1	0	0	1752	181	17	2	1	0.00	1.16	0
9570065	9570075	2.14	5 1-	2 ACSR 6/1	0	0	1804	182	26	3	2	0.00	1.16	0
9570064	9570065	2.18	3 1-	2 ACSR 6/1	0	0	1778	182	19	2	1	0.00	1.16	0
9570067	9570074	1.93	1 1-	2 ACSR 6/1	0	0	1993	184	11	1	1	0.00	1.11	0
9570063	9570073	1.88	1 1-	2 ACSR 6/1	0	0	2044	184	12	1	1	0.00	1.10	0
9570098	9570071	1.94	11 1-	2 ACSR 6/1	0	0	1985	183	25	3	2	0.02	1.07	0
9570095	9570098	2.01	11 1-	2 ACSR 6/1	0	0	1923	183	25	3	2	0.00	1.08	0
9570096	9570095	2.06	2 1-	2 ACSR 6/1	0	0	1872	182	1	0	0	0.00	1.08	0
9570097	9570061	1.72	1 1-	2 ACSR 6/1	0	0	2219	185	10	1	1	0.00	1.02	0
9570062	9570061	1.72	0 1-	2 ACSR 6/1	0	0	2224	185	0	0	0	0.00	1.02	0
9570084	9570106	1.57	40 3-	336 ACSR 18/1	3037	2864	2448	187	213	9	2	0.00	0.74	0
D09-57-P024	9570084	1.57	2 1-	FUS-40	0	0	2448	187	12	1	4	0.00	0.90	0
9570119	D09-57-P024	1.62	2 1-	15 KV 2 URD XLP	0	0	2388	473	12	1	1	0.00	0.91	0
9570120	9570119	1.67	1 1-	15 KV 2 URD XLP	0	0	2338	470	9	1	1	0.00	0.91	0
9570088	9570084	1.63	5 1-	2 ACSR 6/1	0	0	2363	186	28	3	2	0.01	1.06	0
9570089	9570088	1.70	4 1-	2 ACSR 6/1	0	0	2280	186	18	2	1	0.00	1.06	0
9570052	9570089	2.02	3 1-	2 ACSR 6/1	0	0	1944	183	14	1	1	0.02	1.08	0
9670047	9570052	2.05	3 1-	2 ACSR 6/1	0	0	1912	183	14	1	1	0.00	1.08	0
9670034	9570052	2.11	0 1-	2 ACSR 6/1	0	0	1865	183	0	0	0	0.00	1.08	0
9570083	9570084	1.65	33 3-	336 ACSR 18/1	2972	2798	2381	187	173	7	1	0.00	0.74	0
9570124	9570083	1.70	32 3-	336 ACSR 18/1	2932	2757	2339	187	167	7	1	0.00	0.74	0
9570115	9570124	1.71	1 1-	2 ACSR 6/1	0	0	2323	186	5	0	0	0.00	0.91	0
9570116	9570115	1.83	1 1-	15 KV 2 URD XLP	0	0	2206	466	5	0	0	0.00	0.91	0
9570117	9570116	1.86	0 1-	15 KV 2 URD XLP	0	0	2176	464	0	0	0	0.00	0.91	0
9570114	9570116	1.86	0 1-	15 KV 2 URD XLP	0	0	2175	464	0	0	0	0.00	0.91	0
9570082	9570124	1.74	30 3-	336 ACSR 18/1	2902	2727	2308	186	156	6	1	0.00	0.75	0
9570081	9570082	1.78	30 3-	336 ACSR 18/1	2876	2701	2281	186	156	6	1	0.00	0.75	0
9570080	9570081	1.81	29 3-	336 ACSR 18/1	2849	2673	2254	186	148	6	1	0.00	0.75	0
D09-57-P294	9570080	1.81	6 1-	FUS-40	0	0	2254	186	23	2	8	0.00	0.91	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9570077	D09-57-P294	1.85	6 1-	2 ACSR 6/1	0	0	2217	186	23	2	2	0.00	0.92	0
9570078	9570077	1.88	3 1-	2 ACSR 6/1	0	0	2177	186	12	1	1	0.00	0.92	0
9570079	9570078	1.94	2 1-	2 ACSR 6/1	0	0	2112	185	3	0	0	0.00	0.92	0
9570037	9570080	1.86	21 3-	336 ACSR 18/1	2816	2640	2221	186	106	4	1	0.00	0.75	0
D09-57-P030	9570037	1.86	3 1-	FUS	0	0	2221	186	11	1	32	0.00	1.08	0
9570108	D09-57-P030	1.87	3 1-	2 ACSR 6/1	0	0	2213	186	11	1	1	0.00	1.08	0
9570042	9570037	1.91	18 3-	336 ACSR 18/1	2778	2603	2183	186	95	4	1	0.00	0.75	0
D09-57-P031	9570042	1.91	8 1-	FUS-40	0	0	2183	186	50	6	18	0.00	0.92	0
9570059	D09-57-P031	1.98	8 1-	2 ACSR 6/1	0	0	2112	186	50	6	4	0.01	0.93	0
9570069	9570059	2.01	6 1-	2 ACSR 6/1	0	0	2088	185	32	4	2	0.00	0.93	0
9570060	9570069	2.16	4 1-	2 ACSR 6/1	0	0	1943	184	21	2	2	0.01	0.94	0
9570076	9570060	2.19	3 1-	2 ACSR 6/1	0	0	1910	184	19	2	1	0.00	0.94	0
9570087	9570076	2.29	1 1-	2 ACSR 6/1	0	0	1828	183	4	0	0	0.00	0.94	0
9570068	9570059	2.04	1 1-	2 ACSR 6/1	0	0	2054	185	4	0	0	0.00	0.93	0
9570086	9570042	2.05	10 3-	336 ACSR 18/1	2691	2515	2097	186	45	1	0	0.00	0.75	0
9570085	9570086	2.13	10 3-	336 ACSR 18/1	2641	2465	2047	186	45	1	0	0.00	0.75	0
9580093	9570085	2.17	8 3-	336 ACSR 18/1	2612	2436	2020	185	33	1	0	0.00	0.75	0
D09-58-P104	9580093	2.17	4 1-	FUS	0	0	2020	185	11	1	32	0.00	1.10	0
9580135	D09-58-P104	2.19	4 1-	2 ACSR 6/1	0	0	2006	185	11	1	1	0.00	1.10	0
9580069	9580093	2.20	2 3-	336 ACSR 18/1	2595	2420	2004	185	17	0	0	0.00	0.75	0
D09-58-P044	9580069	2.20	1 3-	ER3-RVE-200/100	2595	2420	2004	185	10	0	0	0.00	0.75	0
9580070	D09-58-P044	2.22	1 3-	336 ACSR 18/1	2584	2409	1993	185	10	0	0	0.00	0.75	0
D09-58-P006	9580070	2.22	1 1-	FUS-40	0	0	1993	185	10	1	4	0.00	0.91	0
9580094	D09-58-P006	2.28	1 1-	2 ACSR 6/1	0	0	1942	185	10	1	1	0.00	0.91	0
9580100	9580070	2.25	0 3-	336 ACSR 18/1	2564	2389	1974	185	0	0	0	0.00	0.75	0
OCDB86	LIBERTY CHURCH	0.00	449 3-	BK4802	5173	5218	5337	190	2357	98	58	0.00	0.00	0
OH90	OCDB86	0.09	449 3-	336 ACSR 18/1	4977	4990	5010	190	2357	98	19	0.04	0.04	80
9670082	OH90	0.12	449 3-	336 ACSR 18/1	4913	4915	4905	190	2356	98	19	0.01	0.06	28
09-67-P050-B	9670082	0.12	449 3-	Closed	4913	4915	4905	190	2356	98	0	0.00	0.06	0
09-67-P050-A	09-67-P050-B	0.12	449 3-	Closed	4913	4915	4905	190	2356	98	0	0.00	0.06	0
9670041	09-67-P050-A	0.20	449 3-	336 ACSR 18/1	4747	4723	4642	190	2356	98	19	0.04	0.10	75
9670045	9670041	0.26	1 1-	2 ACSR 6/1	0	0	4421	189	9	1	1	0.00	0.09	0
9670040	9670041	0.23	448 3-	1/0 ACSR 6/1	4682	4651	4547	190	2347	98	43	0.04	0.13	70
9670039	9670040	0.29	0 1-	2 ACSR 6/1	0	0	4307	189	0	0	0	0.00	0.13	0
9670038	9670040	0.29	447 3-	336 ACSR 18/1	4579	4532	4391	190	2336	97	18	0.02	0.16	49
9670044	9670038	0.33	447 3-	336 ACSR 18/1	4492	4433	4263	189	2336	97	18	0.02	0.18	43
9670043	9670044	0.39	445 3-	336 ACSR 18/1	4396	4325	4124	189	2318	96	18	0.02	0.21	49
9670046	9670043	0.45	1 1-	2 ACSR 6/1	0	0	3924	189	11	1	1	0.00	0.20	0
9670036	9670043	0.48	443 3-	336 ACSR 18/1	4246	4155	3912	189	2295	95	18	0.04	0.25	80
9670065	9670036	0.54	2 1-	2 ACSR 6/1	0	0	3745	189	21	2	1	0.00	0.24	0
9670042	9670065	0.58	1 1-	2 ACSR 6/1	0	0	3615	188	10	1	1	0.00	0.24	0
9670068	9670036	0.55	1 1-	2 ACSR 6/1	0	0	3703	189	8	0	1	0.00	0.37	0
9670090	9670036	0.56	440 3-	336 ACSR 18/1	4133	4030	3759	189	2265	94	18	0.03	0.28	61
9770079	9670090	0.65	1 3-	1/0 ACSR 6/1	3938	3817	3519	188	7	0	0	0.00	0.28	0
9770124	9670090	0.59	439 3-	336 ACSR 18/1	3900	3776	3470	188	2257	94	18	0.01	0.29	23
9770123	9770124	0.65	438 3-	336 ACSR 18/1	3818	3686	3366	188	2248	94	18	0.02	0.32	51
09-77-P006-B	9770123	0.65	438 3-	Closed	3818	3686	3366	188	2248	94	0	0.00	0.32	0
09-77-P006-A	09-77-P006-B	0.65	438 3-	Closed	3818	3686	3366	188	2248	94	0	0.00	0.32	0
9770114	09-77-P006-A	0.76	438 3-	336 ACSR 18/1	3680	3538	3197	188	2248	94	18	0.04	0.37	90
CAP137	9770114	0.76	438 3-	Capacitor	0	0	0	0	2247	94	0	0.00	0.37	0
D09-77-P007	CAP137	0.76	7 1-	FUS-20	0	0	3197	188	31	3	22	0.00	0.56	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9770115	D09-77-P007	0.78	7 1-	2 ACSR 6/1	0	0	3148	188	31	3	2	0.00	0.57	0
9770092	9770115	0.82	6 1-	2 ACSR 6/1	0	0	3066	188	28	3	2	0.00	0.57	0
9770080	9770092	0.94	5 1-	2 ACSR 6/1	0	0	2829	187	22	2	2	0.01	0.58	0
9770081	9770080	1.04	5 1-	2 ACSR 6/1	0	0	2656	186	22	2	2	0.01	0.59	0
9770082	9770081	1.07	3 1-	2 ACSR 6/1	0	0	2596	186	13	1	1	0.00	0.59	0
9770083	9770082	1.09	3 1-	2 ACSR 6/1	0	0	2563	185	13	1	1	0.00	0.59	0
9770084	9770083	1.14	0 1-	2 ACSR 6/1	0	0	2485	185	0	0	0	0.00	0.59	0
D09-77-P007A	CAP137	0.76	8 1-	REC-25-H	0	0	3197	188	44	5	23	0.00	0.34	0
9770085	D09-77-P007A	0.82	8 1-	2 ACSR 6/1	0	0	3058	188	44	5	3	0.01	0.35	0
9770086	9770085	0.86	7 1-	2 ACSR 6/1	0	0	2972	187	37	4	3	0.01	0.35	0
9770091	9770086	0.90	2 1-	2 ACSR 6/1	0	0	2906	187	5	0	0	0.00	0.35	0
9770087	9770091	0.97	1 1-	2 ACSR 6/1	0	0	2770	186	4	0	0	0.00	0.36	0
9770089	9770086	0.96	5 1-	2 ACSR 6/1	0	0	2794	186	32	4	2	0.01	0.37	0
9770090	9770089	1.01	5 1-	2 ACSR 6/1	0	0	2696	186	32	4	2	0.01	0.37	0
9770099	9770090	1.06	2 1-	2 ACSR 6/1	0	0	2619	186	8	1	1	0.00	0.37	0
9770098	9770090	1.20	3 1-	2 ACSR 6/1	0	0	2404	185	24	3	2	0.02	0.39	0
9770100	9770098	1.25	1 1-	2 ACSR 6/1	0	0	2328	184	8	1	1	0.00	0.39	0
9770052	9770098	1.36	2 1-	2 ACSR 6/1	0	0	2189	183	16	2	1	0.01	0.40	0
9770102	9770052	1.42	1 1-	2 ACSR 6/1	0	0	2119	183	7	0	1	0.00	0.40	0
9770097	9770102	1.57	1 1-	2 ACSR 6/1	0	0	1960	182	7	0	1	0.00	0.40	0
9780002	9770097	1.61	0 1-	2 ACSR 6/1	0	0	1917	181	0	0	0	0.00	0.40	0
9770101	9770052	1.42	1 1-	2 ACSR 6/1	0	0	2122	183	9	1	1	0.00	0.40	0
9770103	CAP137	0.82	423 3-	336 ACSR 18/1	3602	3455	3104	188	2172	91	17	0.03	0.40	50
9770104	9770103	0.88	422 3-	336 ACSR 18/1	3544	3393	3034	188	2161	90	17	0.02	0.43	39
9770106	9770104	0.94	2 1-	2 ACSR 6/1	0	0	2910	187	13	1	1	0.00	0.25	0
9770105	9770104	0.95	419 3-	336 ACSR 18/1	3464	3308	2941	188	2137	89	17	0.03	0.46	55
9770116	9770105	1.01	2 1-	2 ACSR 6/1	0	0	2828	187	24	3	2	0.00	0.71	0
9770055	9770105	1.09	415 3-	336 ACSR 18/1	3319	3156	2776	187	2102	88	17	0.06	0.53	102
9770056	9770055	1.13	415 3-	336 ACSR 18/1	3281	3117	2734	187	2101	88	17	0.02	0.55	28
9770120	9770056	1.16	1 1-	2 ACSR 6/1	0	0	2678	187	71	9	5	0.01	0.50	0
9770122	9770120	1.21	0 1-	15 KV 2 URD XLP	0	0	2608	475	0	0	0	0.00	0.50	0
9770121	9770120	1.44	1 1-	2 ACSR 6/1	0	0	2275	185	71	9	5	0.04	0.54	1
9770117	9770121	1.52	0 1-	2 ACSR 6/1	0	0	2187	184	0	0	0	0.00	0.54	0
9770119	9770117	1.56	0 1-	15 KV 2 URD XLP	0	0	2141	457	0	0	0	0.00	0.54	0
9770118	9770117	1.59	0 1-	2 ACSR 6/1	0	0	2100	184	0	0	0	0.00	0.54	0
9770067	9770056	1.17	413 3-	336 ACSR 18/1	3240	3074	2688	187	2013	84	16	0.01	0.57	29
9770068	9770067	1.34	413 3-	336 ACSR 18/1	3089	2919	2524	187	2013	84	16	0.05	0.64	112
9770058	9770068	1.42	409 3-	336 ACSR 18/1	3018	2846	2449	187	1990	83	16	0.02	0.68	55
9770059	9770058	1.49	3 1-	2 ACSR 6/1	0	0	2358	186	21	2	1	0.01	0.58	0
9770061	9770059	1.54	2 1-	2 ACSR 6/1	0	0	2297	186	15	1	1	0.00	0.58	0
9770062	9770061	1.57	1 1-	2 ACSR 6/1	0	0	2256	185	12	1	1	0.00	0.59	0
9770060	9770059	1.53	1 1-	2 ACSR 6/1	0	0	2310	186	6	0	0	0.00	0.58	0
9870122	9770058	1.55	404 3-	336 ACSR 18/1	2920	2746	2346	186	1956	82	16	0.03	0.73	79
9870124	9870122	1.61	400 3-	336 ACSR 18/1	2875	2701	2300	186	1934	81	15	0.01	0.76	37
9870125	9870124	1.68	399 3-	336 ACSR 18/1	2820	2646	2245	186	1926	81	15	0.02	0.79	47
9870142	9870125	1.72	45 1-	2 ACSR 6/1	0	0	2201	186	230	29	16	0.03	1.25	6
D09-87-P153	9870142	1.72	44 1-	REC-35-H	0	0	2201	186	229	29	84	0.00	1.25	0
9870127	D09-87-P153	1.75	44 1-	2 ACSR 6/1	0	0	2166	185	229	29	16	0.03	1.28	4
9870128	9870127	1.87	40 1-	2 ACSR 6/1	0	0	2040	184	209	26	15	0.09	1.37	15
9870116	9870128	1.94	10 1-	2 ACSR 6/1	0	0	1975	184	52	6	4	0.01	1.39	0
9870114	9870116	2.01	1 1-	2 ACSR 6/1	0	0	1906	183	6	0	0	0.00	1.39	0
9870118	9870116	2.39	9 1-	2 ACSR 6/1	0	0	1617	180	45	5	3	0.07	1.46	3

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9770073	9870118	2.49	4 1-	2 ACSR 6/1	0	0	1553	180	32	4	2	0.01	1.47	0
9760024	9770073	2.52	3 1-	2 ACSR 6/1	0	0	1536	180	25	3	2	0.00	1.47	0
9760025	9760024	2.58	3 1-	2 ACSR 6/1	0	0	1500	179	25	3	2	0.00	1.48	0
9760023	9760025	2.62	1 1-	2 ACSR 6/1	0	0	1476	179	10	1	1	0.00	1.48	0
9770072	9870118	2.45	4 1-	2 ACSR 6/1	0	0	1579	180	12	1	1	0.00	1.46	0
9870106	9870128	2.03	30 1-	2 ACSR 6/1	0	0	1891	183	157	20	11	0.09	1.46	11
9870107	9870106	2.13	28 1-	2 ACSR 6/1	0	0	1808	182	150	19	11	0.05	1.52	6
9870108	9870107	2.17	27 1-	2 ACSR 6/1	0	0	1777	182	146	18	10	0.02	1.54	2
9870109	9870108	2.22	26 1-	2 ACSR 6/1	0	0	1739	182	140	17	10	0.02	1.56	3
9870110	9870109	2.32	25 1-	2 ACSR 6/1	0	0	1664	181	131	16	9	0.05	1.61	5
9860052	9870110	2.40	2 1-	2 ACSR 6/1	0	0	1611	180	4	0	0	0.00	1.61	0
9860058	9860052	2.43	1 1-	2 ACSR 6/1	0	0	1590	180	1	0	0	0.00	1.61	0
9860051	9870110	2.71	23 1-	2 ACSR 6/1	0	0	1428	178	127	16	9	0.18	1.79	18
9860114	9860051	2.75	21 1-	2 ACSR 6/1	0	0	1405	178	116	14	8	0.02	1.81	2
9860116	9860114	2.80	1 1-	2 ACSR 6/1	0	0	1381	177	5	0	0	0.00	1.81	0
9860115	9860114	2.79	20 1-	2 ACSR 6/1	0	0	1386	177	111	14	8	0.01	1.82	1
9760021	9860115	2.89	19 1-	2 ACSR 6/1	0	0	1338	177	98	12	7	0.03	1.86	2
9760042	9760021	3.07	15 1-	2 ACSR 6/1	0	0	1255	175	71	9	5	0.05	1.90	3
9760044	9760042	3.21	2 1-	15 KV 2 URD XLP	0	0	1199	397	8	0	1	0.00	1.91	0
9760045	9760044	3.29	1 1-	15 KV 2 URD XLP	0	0	1170	393	0	0	0	0.00	1.91	0
9760043	9760042	3.15	13 1-	2 ACSR 6/1	0	0	1225	175	63	8	4	0.02	1.92	0
9760036	9760043	3.19	5 1-	2 ACSR 6/1	0	0	1209	175	36	4	3	0.01	1.92	0
9760037	9760036	3.21	2 1-	2 ACSR 6/1	0	0	1198	174	18	2	1	0.00	1.93	0
9760018	9760037	3.34	1 1-	2 ACSR 6/1	0	0	1153	174	8	0	1	0.00	1.93	0
9760027	9760018	3.40	1 1-	15 KV 2 URD XLP	0	0	1130	390	8	0	1	0.00	1.93	0
9760017	9760037	3.25	1 1-	2 ACSR 6/1	0	0	1185	174	10	1	1	0.00	1.93	0
9760028	9760017	3.30	0 1-	2 ACSR 6/1	0	0	1167	174	0	0	0	0.00	1.93	0
9760029	9760017	3.29	1 1-	2 ACSR 6/1	0	0	1170	174	10	1	1	0.00	1.93	0
9760030	9760036	3.23	2 1-	2 ACSR 6/1	0	0	1192	174	13	1	1	0.00	1.93	0
9760031	9760043	3.21	7 1-	2 ACSR 6/1	0	0	1199	174	19	2	1	0.00	1.92	0
9760032	9760031	3.32	7 1-	2 ACSR 6/1	0	0	1158	174	19	2	1	0.01	1.93	0
9760019	9760032	3.38	1 1-	2 ACSR 6/1	0	0	1136	173	4	0	0	0.00	1.93	0
9760033	9760032	3.40	6 1-	2 ACSR 6/1	0	0	1130	173	14	1	1	0.00	1.94	0
9760034	9760033	3.50	5 1-	2 ACSR 6/1	0	0	1097	172	11	1	1	0.00	1.94	0
9760026	9760034	3.63	3 1-	2 ACSR 6/1	0	0	1058	171	7	0	1	0.00	1.94	0
9760035	9760034	3.66	2 1-	2 ACSR 6/1	0	0	1047	171	4	0	0	0.00	1.94	0
9760022	9760021	2.96	2 1-	2 ACSR 6/1	0	0	1306	176	12	1	1	0.00	1.86	0
9760020	9760022	2.99	1 1-	2 ACSR 6/1	0	0	1292	176	7	0	1	0.00	1.86	0
9860059	9860051	2.74	2 1-	2 ACSR 6/1	0	0	1411	178	10	1	1	0.00	1.79	0
9860060	9860059	2.77	1 1-	2 ACSR 6/1	0	0	1393	178	2	0	0	0.00	1.79	0
9870085	9870125	1.77	350 3-	336 ACSR 18/1	2761	2586	2184	186	1671	70	13	0.04	0.82	39
9870113	9870085	1.83	347 3-	336 ACSR 18/1	2718	2543	2142	186	1655	69	13	0.02	0.84	28
9870119	9870113	1.88	6 1-	2 ACSR 6/1	0	0	2085	185	41	5	3	0.01	1.30	0
9870120	9870119	1.94	5 1-	2 ACSR 6/1	0	0	2033	185	30	3	2	0.01	1.30	0
9870175	9870120	1.98	4 1-	2 ACSR 6/1	0	0	1989	184	24	3	2	0.00	1.31	0
9870131	9870175	2.08	1 1-	2 ACSR 6/1	0	0	1904	184	7	0	1	0.00	1.31	0
9870129	9870175	2.00	3 1-	2 ACSR 6/1	0	0	1968	184	17	2	1	0.00	1.31	0
9870130	9870129	2.06	2 1-	2 ACSR 6/1	0	0	1919	184	17	2	1	0.00	1.31	0
9870095	9870113	1.92	1 1-	2 ACSR 6/1	0	0	2048	185	8	1	1	0.00	0.54	0
9870136	9870113	1.89	340 3-	336 ACSR 18/1	2676	2501	2100	186	1606	67	13	0.03	0.87	27
9870137	9870136	1.94	337 3-	336 ACSR 18/1	2647	2472	2072	185	1590	66	13	0.02	0.88	18
9870135	9870137	1.97	335 3-	336 ACSR 18/1	2626	2451	2051	185	1579	66	13	0.01	0.89	14

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9870139	9870135	2.01	330 3-	336 ACSR 18/1	2600	2425	2026	185	1556	65	12	0.02	0.91	17
9870140	9870139	2.07	328 3-	336 ACSR 18/1	2566	2392	1993	185	1550	65	12	0.02	0.92	22
9870143	9870140	2.12	326 3-	336 ACSR 18/1	2534	2360	1963	185	1540	64	12	0.02	0.94	21
9870141	9870143	2.18	317 3-	336 ACSR 18/1	2500	2327	1930	185	1490	62	12	0.02	0.96	22
9870171	9870141	2.23	313 3-	336 ACSR 18/1	2474	2301	1905	185	1465	61	12	0.02	0.97	17
D09-87-P038	9870171	2.23	0 3-	REC-50-4H	2474	2301	1905	185	0	0	0	0.00	0.97	0
9870115	9870171	2.27	312 3-	336 ACSR 18/1	2453	2280	1885	185	1464	61	12	0.01	0.99	14
9870093	9870115	2.34	2 1-	2 ACSR 6/1	0	0	1830	184	12	1	1	0.00	1.50	0
9870087	9870115	2.32	0 3-	1/0 ACSR 6/1	2414	2240	1851	184	0	0	0	0.00	0.99	0
9870170	9870115	2.38	310 3-	1/0 ACSR 6/1	2365	2191	1809	184	1452	61	27	0.12	1.09	124
9870103	9870170	2.56	301 3-	1/0 ACSR 6/1	2227	2054	1692	183	1406	59	26	0.20	1.25	198
9880009	9870103	2.63	298 3-	1/0 ACSR 6/1	2183	2011	1655	183	1398	59	26	0.07	1.30	67
9880012	9880009	2.73	297 3-	1/0 ACSR 6/1	2118	1946	1600	182	1388	58	25	0.10	1.39	103
9880013	9880012	2.82	296 3-	1/0 ACSR 6/1	2059	1889	1551	182	1383	58	25	0.10	1.47	97
9880019	9880013	2.96	294 3-	1/0 ACSR 6/1	1974	1806	1482	181	1381	58	25	0.15	1.59	150
09-88-P001-B	9880019	2.96	294 3-	Closed	1974	1806	1482	181	1379	58	0	0.00	1.59	0
09-88-P001-A	09-88-P001-B	2.96	294 3-	Closed	1974	1806	1482	181	1379	58	0	0.00	1.59	0
9880020	09-88-P001-A	3.00	294 3-	1/0 ACSR 6/1	1952	1784	1464	181	1379	58	25	0.04	1.63	41
9980025	9880020	3.07	293 3-	1/0 ACSR 6/1	1917	1750	1436	180	1371	58	25	0.07	1.68	65
9980008	9980025	3.48	291 3-	1/0 ACSR 6/1	1717	1557	1276	178	1354	57	25	0.42	2.02	418
09-98-P020-B	9980008	3.48	291 3-	Closed	1717	1557	1276	178	1350	57	0	0.00	2.02	0
09-98-P020-A	09-98-P020-B	3.48	291 3-	Closed	1717	1557	1276	178	1350	57	0	0.00	2.02	0
9980009	09-98-P020-A	4.19	291 3-	1/0 ACSR 6/1	1447	1302	1066	175	1350	57	25	0.74	2.62	729
15080004	9980009	4.22	290 3-	1/0 ACSR 6/1	1440	1295	1061	175	1331	56	25	0.02	2.64	23
15180013	15080004	4.27	290 3-	1/0 ACSR 6/1	1424	1280	1049	174	1331	56	25	0.05	2.68	49
15180014	15180013	4.30	289 3-	1/0 ACSR 6/1	1414	1271	1041	174	1328	56	25	0.03	2.71	33
15180015	15180014	4.35	285 3-	1/0 ACSR 6/1	1398	1255	1029	174	1303	55	24	0.06	2.75	52
15180017	15180015	4.44	284 3-	1/0 ACSR 6/1	1371	1230	1008	173	1299	55	24	0.10	2.83	87
15180025	15180017	4.55	277 3-	1/0 ACSR 6/1	1340	1201	984	173	1256	53	23	0.11	2.91	97
15180026	15180025	4.66	275 3-	1/0 ACSR 6/1	1310	1173	962	172	1254	53	23	0.11	3.00	99
15190029	15180026	4.77	272 3-	1/0 ACSR 6/1	1283	1148	941	172	1234	52	23	0.10	3.07	89
15190030	15190029	4.87	272 3-	1/0 ACSR 6/1	1257	1124	922	171	1234	52	23	0.09	3.15	88
15190077	15190030	4.91	3 1-	2 ACSR 6/1	0	0	913	171	26	3	2	0.00	3.55	0
15190078	15190077	4.94	2 1-	2 ACSR 6/1	0	0	906	171	17	2	1	0.00	3.55	0
15190065	15190078	5.09	1 1-	2 ACSR 6/1	0	0	875	170	13	1	1	0.00	3.55	0
15190079	15190065	5.22	0 1-	2 ACSR 6/1	0	0	850	169	0	0	0	0.00	3.55	0
15190066	15190030	4.98	269 3-	1/0 ACSR 6/1	1232	1101	903	171	1207	51	22	0.09	3.23	86
15190067	15190066	5.04	268 3-	1/0 ACSR 6/1	1216	1086	891	170	1199	51	22	0.06	3.28	55
15190068	15190067	5.05	267 3-	1/0 ACSR 6/1	1214	1084	889	170	1196	51	22	0.01	3.29	7
15-19-P076-B	15190068	5.05	267 3-	Closed	1214	1084	889	170	1196	51	0	0.00	3.29	0
15-19-P076-A	15-19-P076-B	5.05	267 3-	Closed	1214	1084	889	170	1196	51	0	0.00	3.29	0
15190035	15-19-P076-A	5.06	267 3-	1/0 ACSR 6/1	1211	1082	887	170	1196	51	22	0.01	3.30	10
15190059	15190035	5.12	1 1-	2 ACSR 6/1	0	0	877	170	6	0	0	0.00	3.71	0
15190058	15190035	5.12	2 1-	2 ACSR 6/1	0	0	875	170	8	0	1	0.00	4.63	0
15190056	15190035	5.11	264 3-	1/0 ACSR 6/1	1201	1072	880	170	1183	50	22	0.04	3.33	36
15190074	15190056	5.15	3 3-	1/0 ACSR 6/1	1192	1064	873	170	6	0	0	0.00	3.33	0
15190073	15190074	5.25	1 3-	1/0 ACSR 6/1	1170	1043	856	169	2	0	0	0.00	3.33	0
15-19-P094-A	15190073	5.25	0 3-	Open	1170	1043	856	169	0	0	0	0.00	3.33	0
15190057	15190056	5.22	261 3-	1/0 ACSR 6/1	1177	1050	861	170	1177	50	22	0.09	3.41	86
R09-77-P0	15190057	5.22	260 3-	REGU-167	1177	1050	861	170	1172	50	23	-3.84	0.00	0
15190041	R09-77-P0	5.29	260 3-	1/0 ACSR 6/1	1161	1035	850	169	1172	48	21	0.06	0.05	53
15190054	15190041	5.36	259 3-	1/0 ACSR 6/1	1147	1022	839	169	1164	48	21	0.06	0.10	51

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
	CAP138	15190054	5.36	258 3-	Capacitor	0	0	0	1164	48	0	0.00	0.10	0
	15190040	CAP138	5.53	258 3-	1/0 ACSR 6/1	1114	992	814	168	1164	49	21	0.15	0.23
D15-19-P040	15190040	5.53	258 3-	REC-50-H	1114	992	814	168	1162	49	98	0.00	0.23	0
	15190048	D15-19-P040	5.56	258 3-	1/0 ACSR 6/1	1108	986	810	168	1162	49	21	0.03	0.25
	15190039	15190048	5.60	257 3-	1/0 ACSR 6/1	1099	978	803	168	1155	48	21	0.04	0.29
	15190047	15190039	5.66	257 3-	1/0 ACSR 6/1	1088	968	795	167	1155	48	21	0.05	0.33
	15190046	15190047	5.74	256 3-	1/0 ACSR 6/1	1073	954	784	167	1152	48	21	0.07	0.40
	15190076	15190046	5.82	0 1-	2 ACSR 6/1	0	0	772	167	0	0	0	0.00	0.55
	15190044	15190046	5.84	253 3-	1/0 ACSR 6/1	1056	939	771	167	1137	48	21	0.08	0.47
	15190045	15190044	5.91	251 3-	1/0 ACSR 6/1	1044	927	762	166	1132	47	21	0.06	0.52
	15190038	15190045	6.00	250 3-	1/0 ACSR 6/1	1028	913	750	166	1124	47	21	0.08	0.59
	15090013	15190038	6.03	248 3-	1/0 ACSR 6/1	1024	909	747	166	1118	47	21	0.02	0.61
	15090014	15090013	6.07	246 3-	1/0 ACSR 6/1	1017	903	742	165	1104	46	20	0.04	0.64
	15090015	15090014	6.15	1 1-	2 ACSR 6/1	0	0	731	165	12	1	1	0.00	0.90
	15090011	15090014	6.15	244 3-	1/0 ACSR 6/1	1005	892	733	165	1082	45	20	0.06	0.70
	15090012	15090011	6.22	242 3-	1/0 ACSR 6/1	993	881	724	165	1065	45	20	0.07	0.75
	15090009	15090012	6.40	0 1-	2 ACSR 6/1	0	0	701	164	0	0	0	0.00	0.87
	15090008	15090012	6.26	0 1-	2 ACSR 6/1	0	0	719	165	0	0	0	0.00	1.06
	15090006	15090012	6.33	242 3-	1/0 ACSR 6/1	977	866	713	164	1064	45	20	0.09	0.83
	15090010	15090006	6.37	0 1-	2 ACSR 6/1	0	0	706	164	0	0	0	0.00	1.18
	15090007	15090006	6.44	242 3-	1/0 ACSR 6/1	961	852	700	164	1064	45	20	0.09	0.91
20851870	15090007	6.53	241 3-	1/0 ACSR 6/1	948	840	691	163	1059	45	20	0.08	0.97	
20851871	20851870	6.58	239 3-	1/0 ACSR 6/1	940	832	685	163	1049	44	19	0.05	1.01	
20851872	20851871	6.62	235 3-	1/0 ACSR 6/1	935	828	681	163	1035	44	19	0.03	1.04	
20852254	20851872	6.66	234 3-	1/0 ACSR 6/1	929	823	677	163	1028	43	19	0.03	1.06	
20852253	20852254	6.72	1 1-	2 ACSR 6/1	0	0	670	162	6	0	0	0.00	1.54	
20852252	20852254	6.82	232 3-	1/0 ACSR 6/1	908	803	661	162	1021	43	19	0.14	1.18	
20851716	20852252	6.90	231 3-	1/0 ACSR 6/1	898	795	654	162	1012	43	19	0.06	1.23	
20851717	20851716	6.93	21 1-	2 ACSR 6/1	0	0	650	161	134	17	10	0.02	1.46	
D16-02-P031	20851717	6.93	21 1-	REC-35-H	0	0	650	161	134	17	49	0.00	1.46	
20851563	D16-02-P031	6.97	2 1-	2 ACSR 6/1	0	0	646	161	18	2	1	0.00	1.46	
20851762	20851563	7.01	1 1-	2 ACSR 6/1	0	0	642	161	6	0	0	0.00	1.46	
20851763	20851762	7.06	1 1-	2 ACSR 6/1	0	0	635	161	6	0	0	0.00	1.46	
16020016	D16-02-P031	7.01	19 1-	2 ACSR 6/1	0	0	641	161	116	14	8	0.03	1.49	
10920017	16020016	7.07	15 1-	2 ACSR 6/1	0	0	635	161	89	11	6	0.02	1.51	
10920018	10920017	7.12	15 1-	2 ACSR 6/1	0	0	629	160	89	11	6	0.02	1.53	
10920019	10920018	7.23	14 1-	2 ACSR 6/1	0	0	618	159	80	10	6	0.03	1.56	
10920020	10920019	7.54	1 1-	2 ACSR 6/1	0	0	588	158	14	1	1	0.01	1.57	
10920012	10920019	7.48	13 1-	2 ACSR 6/1	0	0	594	158	65	8	5	0.06	1.62	
10920021	10920012	7.59	1 1-	2 ACSR 6/1	0	0	584	157	7	0	0	0.00	1.62	
10920014	10920012	7.69	12 1-	2 ACSR 6/1	0	0	574	157	59	7	4	0.04	1.66	
10820040	10920014	7.80	9 1-	2 ACSR 6/1	0	0	564	156	44	5	3	0.02	1.68	
10820059	10820040	7.91	6 1-	2 ACSR 6/1	0	0	555	155	28	3	2	0.01	1.69	
10820060	10820059	8.01	5 1-	2 ACSR 6/1	0	0	547	155	28	3	2	0.01	1.70	
10820061	10820060	8.34	4 1-	2 ACSR 6/1	0	0	521	153	25	3	2	0.03	1.73	
9890009	10820061	8.47	2 1-	2 ACSR 6/1	0	0	512	152	21	2	1	0.01	1.74	
9890017	9890009	8.54	1 1-	2 ACSR 6/1	0	0	507	152	11	1	1	0.00	1.74	
9890011	9890017	8.60	0 1-	2 ACSR 6/1	0	0	503	151	0	0	0	0.00	1.74	
9890010	9890017	10.14	0 1-	2 ACSR 6/1	0	0	515	143	0	0	0	0.00	1.74	
9890008	9890009	8.61	1 1-	2 ACSR 6/1	0	0	402	151	10	1	1	0.00	1.74	
9890012	10820061	8.39	2 1-	2 ACSR 6/1	0	0	518	152	4	0	0	0.00	1.73	
9890013	9890012	8.48	1 1-	2 ACSR 6/1	0	0	511	152	2	0	0	0.00	1.73	

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9890014	9890013	8.51	0 1-	2 ACSR 6/1	0	0	509	152	0	0	0	0.00	1.73	0
10820038	10820040	7.86	1 1-	2 ACSR 6/1	0	0	559	156	3	0	0	0.00	1.68	0
10820037	10820040	7.90	2 1-	2 ACSR 6/1	0	0	556	155	13	1	1	0.00	1.68	0
10820039	10920014	7.78	1 1-	2 ACSR 6/1	0	0	567	156	6	0	0	0.00	1.66	0
10920015	16020016	7.04	4 1-	2 ACSR 6/1	0	0	638	161	27	3	2	0.00	1.49	0
10920016	10920015	7.14	2 1-	2 ACSR 6/1	0	0	627	160	15	1	1	0.00	1.50	0
20851915	20851716	6.96	208 3-	1/0 ACSR 6/1	890	787	648	161	863	36	16	0.03	1.26	28
20851765	20851915	7.02	205 3-	1/0 ACSR 6/1	883	781	643	161	841	35	16	0.03	1.30	26
20851767	20851765	7.11	202 3-	1/0 ACSR 6/1	872	771	635	161	820	35	15	0.04	1.34	37
20851768	20851767	7.37	201 3-	1/0 ACSR 6/1	841	743	612	159	808	34	15	0.11	1.49	111
20851865	20851768	7.49	200 3-	1/0 ACSR 6/1	829	732	603	159	800	34	15	0.05	1.55	46
20851867	20851865	7.53	2 1-	2 ACSR 6/1	0	0	599	159	21	2	1	0.00	1.70	0
20851868	20851867	7.75	1 1-	2 ACSR 6/1	0	0	578	157	10	1	1	0.00	1.70	0
20851866	20851865	7.56	2 1-	2 ACSR 6/1	0	0	596	159	11	1	1	0.00	0.57	0
16020014	20851865	7.55	196 3-	1/0 ACSR 6/1	822	725	598	159	768	32	14	0.02	1.58	25
16020015	16020014	7.88	0 1-	2 ACSR 6/1	0	0	567	157	0	0	0	0.00	2.45	0
16120011	16020015	8.04	0 1-	2 ACSR 6/1	0	0	554	156	0	0	0	0.00	2.45	0
16120010	16020015	8.57	0 1-	2 ACSR 6/1	0	0	513	152	0	0	0	0.00	2.45	0
16020013	16020014	7.71	196 3-	1/0 ACSR 6/1	805	710	586	158	768	32	14	0.06	1.67	63
16120013	16020013	7.76	4 1-	2 ACSR 6/1	0	0	581	158	24	3	2	0.00	0.61	0
16120014	16120013	7.78	2 1-	2 ACSR 6/1	0	0	579	158	16	2	1	0.00	0.61	0
16120015	16120014	7.84	1 1-	2 ACSR 6/1	0	0	574	157	12	1	1	0.00	0.61	0
16120012	16020013	7.78	192 3-	1/0 ACSR 6/1	798	704	581	158	743	31	14	0.02	1.70	26
16120019	16120012	7.84	191 3-	1/0 ACSR 6/1	792	698	576	157	733	31	14	0.02	1.73	26
16130049	16120019	7.88	189 3-	1/0 ACSR 6/1	788	695	573	157	710	30	13	0.01	1.75	13
16130067	16130049	7.96	188 3-	1/0 ACSR 6/1	780	687	567	157	709	30	13	0.03	1.79	34
16130019	16130067	8.36	0 1-	2 ACSR 6/1	0	0	535	154	0	0	0	0.00	2.89	0
16130050	16130067	8.00	188 3-	1/0 ACSR 6/1	776	684	564	157	709	30	13	0.01	1.81	14
16130037	16130050	8.11	186 3-	1/0 ACSR 6/1	766	675	556	156	705	30	13	0.04	1.86	44
16130027	16130037	8.37	182 3-	1/0 ACSR 6/1	742	654	540	155	692	29	13	0.09	1.98	94
16130028	16130027	8.47	181 3-	1/0 ACSR 6/1	734	646	533	155	685	29	13	0.03	2.03	36
16130043	16130028	8.54	3 1-	2 ACSR 6/1	0	0	528	154	8	0	1	0.00	2.04	0
16130044	16130043	8.61	1 1-	2 ACSR 6/1	0	0	523	154	5	0	0	0.00	2.04	0
16130017	16130028	8.52	178 3-	1/0 ACSR 6/1	730	642	530	154	677	29	13	0.02	2.05	18
16130042	16130017	8.57	1 1-	2 ACSR 6/1	0	0	526	154	6	0	0	0.00	3.46	0
16130018	16130017	8.69	177 3-	1/0 ACSR 6/1	716	630	520	154	671	28	13	0.06	2.13	60
16130045	16130018	8.76	1 1-	2 ACSR 6/1	0	0	514	153	3	0	0	0.00	2.11	0
16130025	16130018	8.74	176 3-	1/0 ACSR 6/1	711	626	517	154	668	28	13	0.02	2.15	18
16130046	16130025	8.92	59 1-	2 ACSR 6/1	0	0	504	152	210	27	15	0.14	3.84	24
D16-13-P026	16130046	8.92	58 1-	REC-35-H	0	0	504	152	207	26	77	0.00	3.84	0
16130029	D16-13-P026	9.02	58 1-	2 ACSR 6/1	0	0	497	152	207	26	15	0.08	3.91	13
16230013	16130029	9.11	57 1-	2 ACSR 6/1	0	0	491	151	204	26	15	0.07	3.98	11
16230016	16230013	9.20	56 1-	2 ACSR 6/1	0	0	486	151	200	26	15	0.07	4.05	11
16230017	16230016	9.31	53 1-	2 ACSR 6/1	0	0	478	150	195	25	14	0.08	4.13	13
D16-23-P006	16230017	9.31	15 1-	FUS	0	0	478	150	70	9	208	0.00	4.13	0
16230028	D16-23-P006	9.40	15 1-	2 ACSR 6/1	0	0	473	150	70	9	5	0.02	4.15	1
16230018	16230028	9.47	2 1-	2 ACSR 6/1	0	0	469	149	14	1	1	0.00	4.16	0
16230012	16230028	9.46	13 1-	2 ACSR 6/1	0	0	470	149	56	7	4	0.01	4.17	0
16230020	16230012	9.52	13 1-	2 ACSR 6/1	0	0	466	149	56	7	4	0.01	4.18	0
16230023	16230020	9.55	12 1-	2 ACSR 6/1	0	0	464	149	53	6	4	0.01	4.18	0
16230022	16230023	9.69	3 1-	2 ACSR 6/1	0	0	456	148	21	2	2	0.01	4.19	0
16220014	16230022	9.77	1 1-	2 ACSR 6/1	0	0	452	148	10	1	1	0.00	4.20	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16220015	16220014	9.80	1 1-	2 ACSR 6/1	0	0	450	147	10	1	1	0.00	4.20	0
16230021	16230023	9.65	8 1-	2 ACSR 6/1	0	0	458	148	30	3	2	0.01	4.20	0
16220017	16230021	9.96	6 1-	2 ACSR 6/1	0	0	441	147	25	3	2	0.02	4.22	0
16120016	16220017	10.06	3 1-	2 ACSR 6/1	0	0	436	146	14	1	1	0.00	4.22	0
16120017	16120016	10.10	1 1-	2 ACSR 6/1	0	0	434	146	0	0	0	0.00	4.22	0
16120018	16120017	10.31	0 1-	2 ACSR 6/1	0	0	423	145	0	0	0	0.00	4.22	0
16220013	16230021	9.71	1 1-	2 ACSR 6/1	0	0	455	148	3	0	0	0.00	4.20	0
16230019	16230012	9.52	0 1-	2 ACSR 6/1	0	0	466	149	0	0	0	0.00	4.17	0
16230024	16230017	9.42	38 1-	2 ACSR 6/1	0	0	472	150	125	16	9	0.05	4.18	5
20850213	16230024	9.70	37 1-	2 ACSR 6/1	0	0	455	148	124	16	9	0.13	4.31	13
20850235	20850213	9.78	37 1-	2 ACSR 6/1	0	0	451	147	124	16	9	0.04	4.35	4
20850237	20850235	9.96	1 1-	2 ACSR 6/1	0	0	441	147	8	1	1	0.00	4.35	0
20850236	20850235	9.89	34 1-	2 ACSR 6/1	0	0	445	147	115	15	8	0.04	4.40	4
16230026	20850236	10.14	33 1-	2 ACSR 6/1	0	0	432	146	106	13	8	0.10	4.49	8
16330010	16230026	10.44	32 1-	2 ACSR 6/1	0	0	417	144	94	12	7	0.11	4.60	8
D16-33-P005	16330010	10.44	1 1-	FUS-5	0	0	417	144	3	0	10	0.00	4.60	0
16330018	D16-33-P005	10.55	1 1-	2 ACSR 6/1	0	0	412	143	3	0	0	0.00	4.60	0
16330016	16330018	10.75	0 1-	2 ACSR 6/1	0	0	403	142	0	0	0	0.00	4.60	0
16330004	16330018	10.64	1 1-	2 ACSR 6/1	0	0	408	143	3	0	0	0.00	4.60	0
16330017	16330004	10.69	1 1-	2 ACSR 6/1	0	0	406	143	3	0	0	0.00	4.60	0
16330011	16330004	10.73	0 1-	2 ACSR 6/1	0	0	404	142	0	0	0	0.00	4.60	0
16330021	16330011	10.79	0 1-	2 ACSR 6/1	0	0	401	142	0	0	0	0.00	4.60	0
16330022	16330021	10.90	0 1-	2 ACSR 6/1	0	0	396	141	0	0	0	0.00	4.60	0
16230029	16330022	11.10	0 1-	2 ACSR 6/1	0	0	388	140	0	0	0	0.00	4.60	0
16230030	16230029	11.27	0 1-	2 ACSR 6/1	0	0	381	140	0	0	0	0.00	4.60	0
16230031	16230030	11.49	0 1-	2 ACSR 6/1	0	0	372	138	0	0	0	0.00	4.60	0
16240003	16230031	11.82	0 1-	2 ACSR 6/1	0	0	360	137	0	0	0	0.00	4.60	0
16240001	16240003	11.89	0 1-	2 ACSR 6/1	0	0	358	137	0	0	0	0.00	4.60	0
16240002	16240001	11.93	0 1-	2 ACSR 6/1	0	0	356	136	0	0	0	0.00	4.60	0
20850239	16240003	12.03	0 1-	2 ACSR 6/1	0	0	353	136	0	0	0	0.00	4.60	0
16330019	16330010	10.62	31 1-	2 ACSR 6/1	0	0	409	143	91	11	7	0.06	4.66	4
16330020	16330019	10.73	31 1-	2 ACSR 6/1	0	0	404	142	91	11	7	0.04	4.70	3
16330008	16330020	10.83	24 1-	2 ACSR 6/1	0	0	399	142	78	10	6	0.03	4.73	2
16330013	16330008	10.92	21 1-	2 ACSR 6/1	0	0	396	141	67	8	5	0.02	4.75	1
16330014	16330013	11.01	20 1-	2 ACSR 6/1	0	0	391	141	63	8	5	0.02	4.77	1
16330005	16330014	11.15	16 1-	2 ACSR 6/1	0	0	386	140	38	5	3	0.02	4.79	0
20850472	16330005	11.22	16 1-	2 ACSR 6/1	0	0	383	140	38	5	3	0.01	4.80	0
20850473	20850472	11.25	15 1-	2 ACSR 6/1	0	0	382	140	37	4	3	0.00	4.80	0
20850474	20850473	11.33	14 1-	2 ACSR 6/1	0	0	378	139	30	3	2	0.01	4.81	0
20850475	20850474	11.46	13 1-	2 ACSR 6/1	0	0	374	139	28	3	2	0.01	4.83	0
D16-43-P030	20850475	11.46	11 1-	FUS	0	0	374	139	25	3	74	0.00	4.83	0
16430006	D16-43-P030	11.95	11 1-	2 ACSR 6/1	0	0	356	136	25	3	2	0.05	4.87	0
20850851	16430006	12.02	11 1-	2 ACSR 6/1	0	0	353	136	25	3	2	0.01	4.88	0
20850885	20850851	12.23	11 1-	2 ACSR 6/1	0	0	346	135	25	3	2	0.02	4.90	0
20850886	20850885	12.43	5 1-	2 ACSR 6/1	0	0	340	134	7	0	1	0.00	4.90	0
20851074	20850886	12.52	2 1-	2 ACSR 6/1	0	0	337	134	3	0	0	0.00	4.90	0
20851075	20851074	12.59	1 1-	2 ACSR 6/1	0	0	334	133	1	0	0	0.00	4.90	0
20851051	20851075	12.64	1 1-	2 ACSR 6/1	0	0	333	133	1	0	0	0.00	4.90	0
20850887	20850886	12.46	2 1-	2 ACSR 6/1	0	0	339	134	3	0	0	0.00	4.90	0
20851073	20850887	12.56	1 1-	2 ACSR 6/1	0	0	335	133	3	0	0	0.00	4.90	0
20851052	20850885	12.39	6 1-	2 ACSR 6/1	0	0	341	134	18	2	1	0.01	4.91	0
20851054	20851052	12.58	2 1-	2 ACSR 6/1	0	0	335	133	7	0	0	0.00	4.91	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851055	20851054	12.63	1 1-	2 ACSR 6/1	0	0	333	133	4	0	0	0.00	4.91	0
20851053	20851052	12.52	3 1-	2 ACSR 6/1	0	0	337	134	10	1	1	0.00	4.91	0
20851317	20851053	12.57	1 1-	2 ACSR 6/1	0	0	335	133	4	0	0	0.00	4.91	0
20851315	20851053	12.64	2 1-	2 ACSR 6/1	0	0	333	133	6	0	0	0.00	4.91	0
20851316	20851315	12.89	1 1-	2 ACSR 6/1	0	0	326	132	0	0	0	0.00	4.91	0
16440003	16430006	11.99	0 1-	2 ACSR 6/1	0	0	354	136	0	0	0	0.00	4.87	0
20850476	20850475	11.48	1 1-	2 ACSR 6/1	0	0	373	139	1	0	0	0.00	4.83	0
20850471	20850475	11.74	1 1-	2 ACSR 6/1	0	0	363	137	1	0	0	0.00	4.83	0
16330009	16330014	11.07	4 1-	2 ACSR 6/1	0	0	389	141	24	3	2	0.00	4.77	0
16330012	16330009	11.12	3 1-	2 ACSR 6/1	0	0	387	140	19	2	1	0.00	4.78	0
16330006	16330020	10.79	4 1-	2 ACSR 6/1	0	0	401	142	10	1	1	0.00	4.70	0
16330015	16330006	10.94	2 1-	2 ACSR 6/1	0	0	395	141	5	0	0	0.00	4.70	0
16330007	16330006	10.89	1 1-	2 ACSR 6/1	0	0	397	142	3	0	0	0.00	4.70	0
20850238	20850236	9.97	1 1-	2 ACSR 6/1	0	0	441	146	8	1	1	0.00	4.40	0
20850212	16230024	9.47	1 1-	2 ACSR 6/1	0	0	469	149	1	0	0	0.00	4.18	0
16230025	16230024	9.49	0 1-	2 ACSR 6/1	0	0	468	149	0	0	0	0.00	4.18	0
16230015	16230016	9.26	2 1-	2 ACSR 6/1	0	0	481	150	3	0	0	0.00	4.05	0
16230014	16230013	9.16	1 1-	2 ACSR 6/1	0	0	488	151	3	0	0	0.00	3.98	0
16130020	16130025	8.78	117 3-	2 ACSR 6/1	707	622	514	153	458	19	11	0.03	2.17	11
16-13-P097-B	16130020	8.78	117 3-	Closed	707	622	514	153	457	19	0	0.00	2.17	0
16-13-P097-A	16-13-P097-B	8.78	117 3-	Closed	707	622	514	153	457	19	0	0.00	2.17	0
16130055	16-13-P097-A	8.83	117 3-	2 ACSR 6/1	702	617	510	153	457	19	11	0.04	2.19	12
16130056	16130055	9.02	116 3-	2 ACSR 6/1	683	600	497	152	456	19	11	0.16	2.28	49
16130023	16130056	9.09	113 3-	2 ACSR 6/1	677	594	492	151	440	18	11	0.05	2.31	15
16130047	16130023	9.39	4 1-	2 ACSR 6/1	0	0	474	150	13	1	1	0.01	2.43	0
16130057	16130047	9.45	1 1-	2 ACSR 6/1	0	0	470	149	5	0	0	0.00	2.43	0
16130058	16130057	9.70	0 1-	2 ACSR 6/1	0	0	456	148	0	0	0	0.00	2.43	0
16130048	16130047	9.52	0 1-	2 ACSR 6/1	0	0	466	149	0	0	0	0.00	2.43	0
16130024	16130023	9.19	109 3-	2 ACSR 6/1	668	586	486	151	427	18	10	0.07	2.36	21
16130062	16130024	9.25	2 1-	2 ACSR 6/1	0	0	482	151	1	0	0	0.00	2.49	0
16130053	16130024	9.26	4 1-	2 ACSR 6/1	0	0	482	150	11	1	1	0.00	3.99	0
16130059	16130053	9.29	2 1-	2 ACSR 6/1	0	0	480	150	6	0	0	0.00	3.99	0
16130070	16130059	9.34	1 1-	2 ACSR 6/1	0	0	477	150	4	0	0	0.00	3.99	0
16130069	16130059	9.31	1 1-	2 ACSR 6/1	0	0	479	150	2	0	0	0.00	3.99	0
16130030	16130024	9.26	103 3-	2 ACSR 6/1	661	580	481	150	414	17	10	0.05	2.39	15
16130031	16130030	9.31	102 3-	2 ACSR 6/1	657	576	479	150	412	17	10	0.03	2.41	9
16130035	16130031	9.35	2 1-	2 ACSR 6/1	0	0	476	150	4	0	0	0.00	4.06	0
16130021	16130031	9.38	100 3-	2 ACSR 6/1	651	571	474	150	408	17	10	0.05	2.44	14
16130032	16130021	9.42	1 1-	2 ACSR 6/1	0	0	472	150	1	0	0	0.00	4.10	0
16130022	16130021	9.47	99 3-	2 ACSR 6/1	644	564	469	149	406	17	10	0.07	2.47	18
16130034	16130022	9.62	98 3-	2 ACSR 6/1	631	552	460	148	391	16	9	0.12	2.54	29
16130066	16130034	9.65	97 3-	2 ACSR 6/1	629	550	458	148	389	16	9	0.02	2.55	4
D16-13-P057	16130066	9.65	97 3-	REC-35-H	629	550	458	148	389	16	48	0.00	2.55	0
16130065	D16-13-P057	9.67	97 3-	2 ACSR 6/1	626	548	457	148	389	16	9	0.02	2.56	5
16130061	16130065	9.73	90 3-	2 ACSR 6/1	622	544	454	148	379	16	9	0.04	2.58	10
D16-03-P015	16130061	9.73	5 1-	FUS	0	0	454	148	13	1	38	0.00	2.88	0
16030012	D16-03-P015	9.89	5 1-	2 ACSR 6/1	0	0	445	147	13	1	1	0.01	2.88	0
20852321	16030012	9.95	4 1-	2 ACSR 6/1	0	0	442	147	9	1	1	0.00	2.88	0
20852320	20852321	9.99	3 1-	2 ACSR 6/1	0	0	440	146	9	1	1	0.00	2.89	0
20852259	20852320	10.17	1 1-	2 ACSR 6/1	0	0	430	145	0	0	0	0.00	2.89	0
20852260	20852259	10.22	0 1-	2 ACSR 6/1	0	0	428	145	0	0	0	0.00	2.89	0
20852261	20852320	10.08	2 1-	2 ACSR 6/1	0	0	435	146	9	1	1	0.00	2.89	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852262	20852261	10.13	1 1-	2 ACSR 6/1	0	0	432	146	1	0	0	0.00	2.89	0
16030011	16130061	9.75	2 1-	2 ACSR 6/1	0	0	452	148	15	2	1	0.00	4.29	0
16130054	16030011	9.80	1 1-	2 ACSR 6/1	0	0	450	147	9	1	1	0.00	4.29	0
20852264	16130061	9.78	82 3-	2 ACSR 6/1	618	541	451	148	342	14	8	0.03	2.60	8
16030007	20852264	9.80	80 3-	2 ACSR 6/1	617	539	450	147	323	13	8	0.01	2.60	3
16030008	16030007	9.81	79 3-	2 ACSR 6/1	616	538	449	147	319	13	8	0.01	2.61	2
16030009	16030008	9.90	2 1-	2 ACSR 6/1	0	0	444	147	8	0	1	0.00	2.93	0
16030006	16030008	10.24	77 3-	2 ACSR 6/1	584	509	427	145	312	13	7	0.27	2.74	61
16040049	16030006	10.29	60 3-	2 ACSR 6/1	581	507	425	145	207	8	5	0.03	2.75	5
16040050	16040049	10.33	58 3-	2 ACSR 6/1	577	504	422	144	199	8	5	0.03	2.76	5
16040040	16040050	10.38	3 1-	2 ACSR 6/1	0	0	420	144	13	1	1	0.00	3.27	0
16040044	16040040	10.44	1 1-	2 ACSR 6/1	0	0	417	144	3	0	0	0.00	3.27	0
16040045	16040044	10.50	1 1-	2 ACSR 6/1	0	0	414	144	3	0	0	0.00	3.27	0
16040041	16040040	10.45	2 1-	2 ACSR 6/1	0	0	417	144	10	1	1	0.00	3.27	0
16040043	16040041	10.54	2 1-	2 ACSR 6/1	0	0	412	143	10	1	1	0.00	3.27	0
16040042	16040041	10.49	0 1-	2 ACSR 6/1	0	0	415	144	0	0	0	0.00	3.27	0
16040026	16040050	10.43	55 1-	2 ACSR 6/1	0	0	417	144	186	24	13	0.07	3.34	10
16040027	16040026	10.52	50 1-	2 ACSR 6/1	0	0	413	143	173	22	12	0.06	3.40	8
16040037	16040027	10.64	47 1-	2 ACSR 6/1	0	0	408	143	164	21	12	0.07	3.47	9
10940027	16040037	10.67	42 1-	2 ACSR 6/1	0	0	407	143	151	19	11	0.01	3.48	1
10940030	10940027	10.70	41 1-	2 ACSR 6/1	0	0	405	143	148	19	11	0.02	3.50	2
D10-94-P009	10940030	10.70	40 1-	SEC	0	0	405	143	146	18	0	0.00	3.50	0
10940046	D10-94-P009	10.73	40 1-	2 ACSR 6/1	0	0	404	142	146	18	11	0.02	3.52	2
10940032	10940046	10.82	5 1-	2 ACSR 6/1	0	0	400	142	27	3	2	0.01	3.52	0
10940029	10940032	10.86	1 1-	2 ACSR 6/1	0	0	398	142	6	0	0	0.00	3.53	0
10940033	10940032	10.94	4 1-	2 ACSR 6/1	0	0	395	141	21	2	2	0.01	3.53	0
10940034	10940033	10.99	3 1-	2 ACSR 6/1	0	0	392	141	15	1	1	0.00	3.54	0
10940025	10940034	11.14	1 1-	2 ACSR 6/1	0	0	386	140	7	0	0	0.00	3.54	0
10940026	10940025	11.18	1 1-	2 ACSR 6/1	0	0	384	140	7	0	0	0.00	3.54	0
10940022	10940034	11.15	2 1-	2 ACSR 6/1	0	0	386	140	9	1	1	0.01	3.54	0
D10-94-P062	10940022	11.15	2 1-	FUS-10	0	0	386	140	9	1	12	0.00	3.54	0
10940024	D10-94-P062	12.02	2 1-	2 ACSR 6/1	0	0	353	136	9	1	1	0.03	3.57	0
10830009	10940024	12.06	1 1-	2 ACSR 6/1	0	0	352	136	5	0	0	0.00	3.57	0
10830010	10830009	12.18	1 1-	2 ACSR 6/1	0	0	348	135	5	0	0	0.00	3.57	0
10830008	10940024	12.11	1 1-	2 ACSR 6/1	0	0	350	135	4	0	0	0.00	3.57	0
10940031	10940046	10.80	31 1-	2 ACSR 6/1	0	0	400	142	108	14	8	0.03	3.54	2
10940036	10940031	10.83	31 1-	2 ACSR 6/1	0	0	399	142	108	14	8	0.01	3.56	0
10940037	10940036	10.87	30 1-	2 ACSR 6/1	0	0	398	142	98	12	7	0.01	3.57	0
10940038	10940037	10.92	29 1-	2 ACSR 6/1	0	0	396	141	90	11	7	0.02	3.58	1
10940039	10940038	10.95	1 1-	2 ACSR 6/1	0	0	394	141	9	1	1	0.00	3.59	0
10940023	10940038	11.07	28 1-	2 ACSR 6/1	0	0	389	141	81	10	6	0.05	3.63	3
10940043	10940023	11.73	1 1-	2 ACSR 6/1	0	0	363	137	2	0	0	0.00	3.64	0
10940041	10940023	11.18	27 1-	2 ACSR 6/1	0	0	384	140	80	10	6	0.03	3.67	2
10940042	10940041	11.23	2 1-	2 ACSR 6/1	0	0	383	140	8	1	1	0.00	3.67	0
10940047	10940041	11.32	23 1-	2 ACSR 6/1	0	0	379	139	65	8	5	0.03	3.70	2
10940048	10940047	11.44	23 1-	2 ACSR 6/1	0	0	374	139	65	8	5	0.03	3.73	1
10950013	10940048	11.48	22 1-	2 ACSR 6/1	0	0	373	139	63	8	5	0.01	3.74	0
10950014	10950013	11.52	5 1-	2 ACSR 6/1	0	0	371	138	13	1	1	0.00	3.74	0
10950012	10950013	11.55	15 1-	2 ACSR 6/1	0	0	370	138	38	5	3	0.01	3.75	0
10950008	10950012	11.62	12 1-	2 ACSR 6/1	0	0	367	138	28	3	2	0.01	3.75	0
10950009	10950008	11.68	9 1-	2 ACSR 6/1	0	0	365	138	21	2	2	0.00	3.76	0
10950010	10950009	11.72	6 1-	2 ACSR 6/1	0	0	364	137	10	1	1	0.00	3.76	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10950011	10950010	11.78	3 1-	2 ACSR 6/1	0	0	362	137	6	0	0	0.00	3.76	0
10940040	10940041	11.40	1 1-	2 ACSR 6/1	0	0	376	139	6	0	0	0.00	3.67	0
10940035	10940031	10.86	0 1-	2 ACSR 6/1	0	0	398	142	0	0	0	0.00	3.54	0
10940028	16040037	10.71	1 1-	2 ACSR 6/1	0	0	405	142	9	1	1	0.00	3.47	0
16040028	16040027	10.69	1 1-	2 ACSR 6/1	0	0	406	143	3	0	0	0.00	3.40	0
16040039	16040028	10.86	1 1-	15 KV 2 URD XLP	0	0	398	248	3	0	0	0.00	3.40	0
16040047	16040026	10.47	3 1-	2 ACSR 6/1	0	0	416	144	6	0	0	0.00	3.34	0
16040056	16040047	10.67	1 1-	2 ACSR 6/1	0	0	407	143	1	0	0	0.00	3.34	0
16040046	16040026	10.47	2 1-	2 ACSR 6/1	0	0	416	144	6	0	0	0.00	3.34	0
16040060	16040046	10.51	1 1-	2 ACSR 6/1	0	0	414	144	2	0	0	0.00	3.34	0
16040025	16030006	10.35	17 1-	2 ACSR 6/1	0	0	422	144	104	13	8	0.04	4.58	3
16040031	16040025	10.38	15 1-	2 ACSR 6/1	0	0	420	144	94	12	7	0.01	4.59	0
16040032	16040031	10.44	11 1-	2 ACSR 6/1	0	0	417	144	72	9	5	0.02	4.61	0
16040034	16040032	10.50	2 1-	2 ACSR 6/1	0	0	414	144	13	1	1	0.00	4.61	0
16040033	16040032	10.48	8 1-	2 ACSR 6/1	0	0	415	144	58	7	4	0.01	4.62	0
16040035	16040033	10.56	7 1-	2 ACSR 6/1	0	0	412	143	47	6	3	0.01	4.63	0
16040038	16040035	10.65	1 1-	2 ACSR 6/1	0	0	408	143	8	1	1	0.00	4.63	0
16040059	16040038	10.73	0 1-	2 ACSR 6/1	0	0	404	142	0	0	0	0.00	4.63	0
16040048	16040035	10.61	2 1-	2 ACSR 6/1	0	0	409	143	11	1	1	0.00	4.63	0
16040057	16040048	10.65	1 1-	2 ACSR 6/1	0	0	407	143	2	0	0	0.00	4.63	0
16040058	16040057	10.76	1 1-	2 ACSR 6/1	0	0	402	142	2	0	0	0.00	4.63	0
16140002	16040058	11.02	0 1-	2 ACSR 6/1	0	0	391	141	0	0	0	0.00	4.63	0
16040036	16040035	10.59	1 1-	2 ACSR 6/1	0	0	410	143	12	1	1	0.00	4.63	0
16040029	16040025	10.46	2 1-	2 ACSR 6/1	0	0	416	144	10	1	1	0.00	4.58	0
16040030	16040029	10.51	1 1-	2 ACSR 6/1	0	0	414	144	3	0	0	0.00	4.58	0
16030010	20852264	9.85	1 1-	2 ACSR 6/1	0	0	447	147	10	1	1	0.00	2.91	0
16130060	16130065	9.74	5 3-	2 ACSR 6/1	621	543	453	148	4	0	0	0.00	2.56	0
20852255	16130060	9.79	5 3-	2 ACSR 6/1	618	540	451	147	4	0	0	0.00	2.56	0
20852256	20852255	9.82	5 1-	2 ACSR 6/1	0	0	449	147	4	0	0	0.00	0.58	0
20852257	20852256	9.86	5 1-	2 ACSR 6/1	0	0	446	147	4	0	0	0.00	0.58	0
20852258	20852257	9.92	3 1-	2 ACSR 6/1	0	0	444	147	3	0	0	0.00	0.58	0
20852263	20852255	9.84	0 3-	2 ACSR 6/1	613	536	447	147	0	0	0	0.00	2.56	0
16130033	16130022	9.52	1 1-	2 ACSR 6/1	0	0	466	149	15	1	1	0.00	4.15	0
16130051	16130056	9.10	3 1-	2 ACSR 6/1	0	0	492	151	16	2	1	0.00	2.37	0
16130052	16130051	9.20	1 1-	2 ACSR 6/1	0	0	485	151	10	1	1	0.00	2.37	0
16130041	16130027	8.44	1 1-	2 ACSR 6/1	0	0	534	155	6	0	0	0.00	0.63	0
16130026	16130037	8.17	4 1-	2 ACSR 6/1	0	0	552	156	12	1	1	0.00	3.05	0
16130039	16130026	8.20	3 1-	2 ACSR 6/1	0	0	549	156	11	1	1	0.00	3.05	0
16130040	16130039	8.28	1 1-	2 ACSR 6/1	0	0	543	155	9	1	1	0.00	3.05	0
16130038	16130026	8.24	1 1-	2 ACSR 6/1	0	0	546	155	1	0	0	0.00	3.05	0
16130036	16130050	8.11	1 1-	2 ACSR 6/1	0	0	555	156	3	0	0	0.00	2.93	0
20851766	20851765	7.08	1 1-	2 ACSR 6/1	0	0	636	161	11	1	1	0.00	1.50	0
20851764	20851915	7.03	1 1-	2 ACSR 6/1	0	0	641	161	8	1	1	0.00	1.85	0
20852251	20851872	6.67	1 1-	2 ACSR 6/1	0	0	676	163	7	0	0	0.00	1.49	0
20851869	15090007	6.49	1 1-	2 ACSR 6/1	0	0	693	163	4	0	0	0.00	1.29	0
15190043	15190045	5.98	1 1-	2 ACSR 6/1	0	0	752	166	7	0	1	0.00	0.60	0
15190042	15190046	5.88	1 1-	2 ACSR 6/1	0	0	762	166	4	0	0	0.00	0.55	0
15190055	15190057	5.29	1 1-	2 ACSR 6/1	0	0	848	169	4	0	0	0.00	3.84	0
15190064	15190029	4.83	0 1-	2 ACSR 6/1	0	0	928	171	0	0	0	0.00	3.45	0
15190062	15180026	4.73	3 1-	2 ACSR 6/1	0	0	946	172	19	2	1	0.00	3.36	0
15180018	15180017	4.52	5 1-	2 ACSR 6/1	0	0	988	173	26	3	2	0.00	3.15	0
15180019	15180018	4.57	3 1-	2 ACSR 6/1	0	0	976	172	9	1	1	0.00	3.15	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15180029	15180019	4.61	1 1-	2 ACSR 6/1	0	0	966	172	1	0	0	0.00	3.15	0
15180016	15180015	4.39	1 1-	2 ACSR 6/1	0	0	1019	174	4	0	0	0.00	3.05	0
15180020	15180014	4.49	4 1-	2 ACSR 6/1	0	0	989	173	25	3	2	0.02	3.84	0
15180021	15180020	4.54	3 1-	2 ACSR 6/1	0	0	976	172	17	2	1	0.00	3.84	0
15180023	15180021	4.66	2 1-	2 ACSR 6/1	0	0	949	172	12	1	1	0.00	3.84	0
15180024	15180023	4.73	1 1-	2 ACSR 6/1	0	0	933	171	2	0	0	0.00	3.84	0
15180022	15180021	4.62	1 1-	2 ACSR 6/1	0	0	957	172	5	0	0	0.00	3.84	0
15080003	9980009	4.33	1 1-	2 ACSR 6/1	0	0	1026	174	12	1	1	0.00	3.71	0
9880010	9880009	2.65	1 1-	2 ACSR 6/1	0	0	1637	183	9	1	1	0.00	1.91	0
9880011	9880010	2.69	1 1-	2 ACSR 6/1	0	0	1616	182	9	1	1	0.00	1.91	0
9880014	9880011	2.73	0 1-	2 ACSR 6/1	0	0	1590	182	0	0	0	0.00	1.91	0
9870090	9870170	2.40	7 1-	2 ACSR 6/1	0	0	1790	184	29	3	2	0.00	1.00	0
9870091	9870090	2.46	5 1-	2 ACSR 6/1	0	0	1749	183	15	1	1	0.00	1.00	0
9870092	9870091	2.47	3 1-	2 ACSR 6/1	0	0	1742	183	3	0	0	0.00	1.00	0
9870169	9870141	2.25	1 1-	2 ACSR 6/1	0	0	1874	184	10	1	1	0.00	0.85	0
9870144	9870143	2.16	8 1-	2 ACSR 6/1	0	0	1926	185	47	5	3	0.01	0.59	0
9870146	9870144	2.21	4 1-	2 ACSR 6/1	0	0	1883	184	27	3	2	0.00	0.59	0
9870147	9870146	2.25	1 1-	2 ACSR 6/1	0	0	1856	184	8	0	1	0.00	0.59	0
9870145	9870144	2.19	3 1-	2 ACSR 6/1	0	0	1904	184	12	1	1	0.00	0.59	0
9870138	9870139	2.10	2 1-	2 ACSR 6/1	0	0	1946	185	6	0	0	0.00	0.78	0
9870134	9870138	2.17	2 1-	2 ACSR 6/1	0	0	1884	184	6	0	0	0.00	0.78	0
9870132	9870135	2.00	2 1-	2 ACSR 6/1	0	0	2018	185	13	1	1	0.00	1.36	0
9870133	9870132	2.07	1 1-	2 ACSR 6/1	0	0	1962	185	8	1	1	0.00	1.36	0
9870111	9870085	1.84	3 1-	2 ACSR 6/1	0	0	2105	185	16	1	1	0.00	0.68	0
9870112	9870111	1.90	1 1-	2 ACSR 6/1	0	0	2047	185	5	0	0	0.00	0.68	0
9870123	9870122	1.68	2 1-	2 ACSR 6/1	0	0	2189	185	11	1	1	0.00	0.47	0
9770057	9770068	1.41	3 1-	2 ACSR 6/1	0	0	2424	186	15	1	1	0.00	0.56	0
9770107	9770105	1.03	1 1-	2 ACSR 6/1	0	0	2789	187	5	0	0	0.00	0.42	0
OCDB87	LIBERTY CHURCH	0.00	203 3-	BK4803	5173	5218	5337	190	1273	53	16	0.00	0.00	0
OH91	OCDB87	0.10	203 3-	336 ACSR 18/1	4964	4974	4986	190	1273	53	10	0.07	0.02	37
OH92	OH91	0.19	203 3-	336 ACSR 18/1	4772	4751	4679	190	1273	53	10	0.07	0.05	36
OH93	OH92	0.27	203 3-	336 ACSR 18/1	4617	4573	4441	190	1272	53	10	0.06	0.07	31
OH94	OH93	0.46	203 3-	336 ACSR 18/1	4306	4221	3990	189	1272	53	10	0.13	0.11	69
OH95	OH94	0.54	203 3-	336 ACSR 18/1	4180	4081	3816	189	1271	53	10	0.06	0.13	31
9670064	OH95	0.64	203 3-	1/0 ACSR 6/1	3972	3853	3557	189	1271	53	23	0.17	0.20	111
9670091	9670064	0.67	199 3-	1/0 ACSR 6/1	3903	3779	3475	188	1250	52	23	0.06	0.23	37
9670058	9670091	0.70	197 3-	1/0 ACSR 6/1	3861	3734	3425	188	1223	51	22	0.04	0.24	23
9670063	9670058	0.71	2 1-	2 ACSR 6/1	0	0	3390	188	21	2	1	0.00	0.64	0
9670094	9670063	0.81	1 1-	2 ACSR 6/1	0	0	3156	187	10	1	1	0.00	0.64	0
9670093	9670063	0.74	1 1-	2 ACSR 6/1	0	0	3310	188	11	1	1	0.00	0.64	0
9670057	9670058	0.75	2 1-	2 ACSR 6/1	0	0	3294	188	9	1	1	0.00	0.21	0
9670056	9670058	0.74	191 3-	1/0 ACSR 6/1	3777	3642	3326	188	1175	49	21	0.07	0.27	44
9670062	9670056	1.05	3 1-	2 ACSR 6/1	0	0	2685	186	9	1	1	0.00	0.23	0
9670066	9670056	0.81	187 3-	1/0 ACSR 6/1	3644	3499	3173	188	1157	48	21	0.12	0.32	72
CAP139	9670066	0.81	187 3-	Capacitor	0	0	0	0	1156	48	0	0.00	0.32	0
9670049	CAP139	0.94	1 1-	2 ACSR 6/1	0	0	2906	187	14	1	1	0.00	0.83	0
9770077	CAP139	0.94	186 3-	1/0 ACSR 6/1	3432	3273	2938	187	1142	48	21	0.21	0.42	119
9770070	9770077	1.00	9 1- 15 KV	2 URD XLP	0	0	2840	476	70	8	5	0.02	1.06	1
9770071	9770070	1.04	9 1- 15 KV	2 URD XLP	0	0	2775	473	70	8	5	0.01	1.07	0
9770069	9770071	1.08	7 1- 15 KV	2 URD XLP	0	0	2704	470	54	6	4	0.01	1.08	0
9770066	9770069	1.12	5 1- 15 KV	2 URD XLP	0	0	2643	467	39	4	3	0.01	1.09	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9770065	9770066	1.15	3 1-	15 KV 2 URD XLP	0	0	2593	465	27	3	2	0.00	1.09	0
9770064	9770065	1.17	3 1-	15 KV 2 URD XLP	0	0	2555	463	27	3	2	0.00	1.09	0
9770063	9770064	1.20	1 1-	15 KV 2 URD XLP	0	0	2517	461	12	1	1	0.00	1.09	0
9770088	9770077	1.00	174 3-	1/0 ACSR 6/1	3342	3179	2842	187	1059	44	19	0.08	0.45	44
9770095	9770088	1.05	6 1-	15 KV 2 URD XLP	0	0	2752	474	43	5	3	0.01	1.13	0
9770096	9770095	1.12	5 1-	15 KV 2 URD XLP	0	0	2650	469	39	4	3	0.01	1.14	0
9770094	9770096	1.16	4 1-	15 KV 2 URD XLP	0	0	2585	466	31	3	2	0.00	1.15	0
9770093	9770094	1.19	2 1-	15 KV 2 URD XLP	0	0	2531	464	14	1	1	0.00	1.15	0
9770076	9770088	1.07	166 3-	1/0 ACSR 6/1	3229	3060	2722	186	1003	42	18	0.10	0.50	51
D09-77-P064	9770076	1.07	1 1-	FUS 0	0	0	2722	186	16	2	46	0.00	1.22	0
9770075	D09-77-P064	1.22	1 1-	2 ACSR 6/1	0	0	2479	185	16	2	1	0.00	1.23	0
9770054	9770076	1.34	3 1-	2 ACSR 6/1	0	0	2310	184	18	2	1	0.02	0.39	0
9670055	9770054	1.47	3 1-	15 KV 2 URD XLP	0	0	2157	452	18	2	1	0.01	0.40	0
9670073	9670055	1.63	2 1-	2 ACSR 6/1	0	0	1975	182	12	1	1	0.01	0.41	0
9670074	9670073	1.79	2 1-	2 ACSR 6/1	0	0	1826	180	12	1	1	0.01	0.41	0
9670067	9670074	1.84	2 1-	2 ACSR 6/1	0	0	1785	180	12	1	1	0.00	0.41	0
9670035	9670074	1.94	0 1-	2 ACSR 6/1	0	0	1707	179	0	0	0	0.00	0.41	0
9770053	9770076	1.12	160 3-	1/0 ACSR 6/1	3159	2986	2649	186	956	40	18	0.07	0.54	31
9680054	9770053	1.50	159 3-	1/0 ACSR 6/1	2698	2514	2193	184	947	40	17	0.50	0.77	236
9680038	9680054	1.56	158 3-	1/0 ACSR 6/1	2633	2448	2131	184	945	40	17	0.08	0.81	39
9680037	9680038	1.66	155 3-	1/0 ACSR 6/1	2532	2347	2036	183	924	39	17	0.13	0.87	61
9680036	9680037	1.86	155 3-	1/0 ACSR 6/1	2357	2173	1876	182	923	39	17	0.25	0.99	116
9680035	9680036	1.89	154 3-	1/0 ACSR 6/1	2330	2146	1851	182	912	38	17	0.04	1.01	19
D09-68-P075	9680035	1.89	1 1-	FUS 0	0	0	1851	182	12	1	33	0.00	0.68	0
9680027	D09-68-P075	1.96	1 1-	2 ACSR 6/1	0	0	1789	181	12	1	1	0.00	0.68	0
9680041	9680035	1.92	152 3-	1/0 ACSR 6/1	2304	2121	1828	182	888	37	16	0.04	1.03	18
9680040	9680041	2.08	140 3-	1/0 ACSR 6/1	2181	2001	1719	181	787	33	15	0.17	1.11	67
9680039	9680040	2.16	139 3-	1/0 ACSR 6/1	2131	1951	1674	181	780	33	14	0.08	1.15	30
9680053	9680039	2.31	139 3-	1/0 ACSR 6/1	2031	1854	1587	180	779	33	14	0.16	1.23	63
9680052	9680053	2.34	2 1-	2 ACSR 6/1	0	0	1568	180	16	2	1	0.00	2.75	0
9680050	9680052	2.38	1 1-	2 ACSR 6/1	0	0	1540	179	7	0	1	0.00	2.75	0
9680051	9680053	2.38	136 3-	1/0 ACSR 6/1	1985	1809	1547	179	762	32	14	0.08	1.27	29
9680045	9680051	2.46	135 3-	1/0 ACSR 6/1	1937	1764	1507	179	746	31	14	0.08	1.31	30
9680047	9680045	2.56	130 3-	1/0 ACSR 6/1	1880	1709	1458	178	722	30	13	0.10	1.36	35
9680043	9680047	2.65	1 1-	2 ACSR 6/1	0	0	1413	178	8	0	1	0.00	0.89	0
9680044	9680043	2.67	1 1-	2 ACSR 6/1	0	0	1400	178	8	0	1	0.00	0.89	0
9580143	9680047	2.63	128 3-	1/0 ACSR 6/1	1845	1675	1428	178	711	30	13	0.06	1.39	23
D09-58-P028	9580143	2.63	2 1-	FUS 0	0	0	1428	178	12	1	35	0.00	3.07	0
9580144	D09-58-P028	2.70	2 1-	2 ACSR 6/1	0	0	1394	178	12	1	1	0.00	3.07	0
9580072	9580143	2.70	126 3-	1/0 ACSR 6/1	1810	1641	1398	178	699	29	13	0.06	1.42	22
D09-58-P071	9580072	2.70	126 3-	REC-100-R	1810	1641	1398	178	698	29	13	0.00	1.42	0
9580087	D09-58-P071	2.77	126 3-	1/0 ACSR 6/1	1774	1607	1369	177	698	29	13	0.07	1.45	23
D09-58-P026	9580087	2.77	2 1-	FUS-40	0	0	1369	177	15	1	5	0.00	3.20	0
9580138	D09-58-P026	2.82	2 1-	2 ACSR 6/1	0	0	1344	177	15	1	1	0.00	3.20	0
9580139	9580138	2.89	1 1-	2 ACSR 6/1	0	0	1310	177	5	0	0	0.00	3.20	0
9580086	9580087	2.83	124 3-	1/0 ACSR 6/1	1747	1581	1346	177	683	29	13	0.05	1.48	18
9580073	9580086	2.85	124 3-	1/0 ACSR 6/1	1734	1570	1335	177	683	29	13	0.02	1.49	8
9580068	9580073	2.95	36 3-	336 ACSR 18/1	1708	1544	1310	177	188	7	2	0.01	1.54	0
D09-58-P084	9580068	2.95	7 1-	FUS-40	0	0	1310	177	42	5	15	0.00	3.28	0
9580071	D09-58-P084	2.97	7 1-	2 ACSR 6/1	0	0	1302	177	42	5	3	0.00	3.28	0
9580113	9580071	3.01	1 1-	2 ACSR 6/1	0	0	1283	176	9	1	1	0.00	3.28	0
9580107	9580071	3.07	3 1-	2 ACSR 6/1	0	0	1260	176	19	2	1	0.00	3.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9580108	9580107	3.15	1 1-	2 ACSR 6/1	0	0	1227	175	6	0	0	0.00	3.29	0
9580106	9580108	3.23	1 1-	2 ACSR 6/1	0	0	1196	175	6	0	0	0.00	3.29	0
9580114	9580071	3.00	3 1-	2 ACSR 6/1	0	0	1288	176	15	1	1	0.00	3.29	0
9580105	9580114	3.03	2 1-	2 ACSR 6/1	0	0	1275	176	6	0	0	0.00	3.29	0
9580126	9580068	3.16	27 3-	336 ACSR 18/1	1655	1494	1261	176	136	5	1	0.01	1.50	1
9580121	9580126	3.25	27 3-	336 ACSR 18/1	1632	1473	1240	176	136	5	1	0.00	1.50	0
D09-58-P081	9580121	3.25	13 1-	FUS-40	0	0	1240	176	49	6	17	0.00	0.26	0
9580090	D09-58-P081	3.28	13 1-	2 ACSR 6/1	0	0	1230	176	49	6	3	0.00	0.26	0
9580092	9580090	3.31	7 1-	2 ACSR 6/1	0	0	1217	176	29	3	2	0.00	0.27	0
9580112	9580092	3.38	6 1-	2 ACSR 6/1	0	0	1193	175	20	2	1	0.00	0.27	0
9580091	9580121	3.33	13 3-	336 ACSR 18/1	1615	1456	1224	176	83	3	1	0.00	1.50	0
D09-58-P080	9580091	3.33	1 1-	FUS-40	0	0	1224	176	12	1	4	0.00	0.96	0
9580125	D09-58-P080	3.38	1 1-	2 ACSR 6/1	0	0	1205	176	12	1	1	0.00	0.96	0
D09-58-P080A	9580091	3.33	1 1-	FUS-40	0	0	1224	176	3	0	1	0.00	3.29	0
9580119	D09-58-P080A	3.39	1 1-	2 ACSR 6/1	0	0	1200	176	3	0	0	0.00	3.29	0
9580120	9580119	3.44	1 1-	2 ACSR 6/1	0	0	1180	175	3	0	0	0.00	3.29	0
9580067	9580091	3.39	10 3-	336 ACSR 18/1	1600	1442	1210	176	59	2	0	0.00	1.51	0
9580066	9580067	3.44	7 3-	336 ACSR 18/1	1588	1431	1199	176	43	1	0	0.00	1.51	0
D09-58-P013	9580066	3.44	3 1-	FUS	0	0	1199	176	12	1	35	0.00	0.26	0
9580130	D09-58-P013	3.47	3 1-	2 ACSR 6/1	0	0	1189	176	12	1	1	0.00	0.26	0
9580118	9580130	3.52	0 1-	2 ACSR 6/1	0	0	1169	175	0	0	0	0.00	0.26	0
9580111	9580130	3.57	0 1-	2 ACSR 6/1	0	0	1152	175	0	0	0	0.00	0.26	0
9580104	9580066	3.50	4 3-	336 ACSR 18/1	1576	1420	1188	176	31	1	0	0.00	1.51	0
9580116	9580104	3.64	4 3-	336 ACSR 18/1	1545	1391	1160	175	31	1	0	0.00	1.51	0
9580099	9580116	3.72	2 3-	336 ACSR 18/1	1528	1375	1145	175	15	0	0	0.00	1.51	0
9580124	9580067	3.45	1 1-	2 ACSR 6/1	0	0	1189	175	6	0	0	0.00	0.96	0
9580117	9580121	3.30	0 1-	2 ACSR 6/1	0	0	1223	176	0	0	0	0.00	0.96	0
9580115	9580068	3.01	2 1-	2 ACSR 6/1	0	0	1286	176	10	1	1	0.00	0.23	0
9580074	9580073	2.93	88 3-	2 ACSR 6/1	1689	1525	1298	176	495	21	12	0.09	1.53	24
D09-58-P169	9580074	2.93	88 3-	REC-70-L	1689	1525	1298	176	495	21	30	0.00	1.53	0
9580102	D09-58-P169	2.97	88 3-	2 ACSR 6/1	1668	1505	1282	176	495	21	12	0.04	1.55	11
9580109	9580102	3.02	1 1-	2 ACSR 6/1	0	0	1261	176	11	1	1	0.00	0.23	0
9580101	9580102	3.04	84 3-	2 ACSR 6/1	1634	1472	1254	176	464	19	11	0.07	1.58	18
9580095	9580101	3.08	84 3-	2 ACSR 6/1	1614	1453	1238	175	464	19	11	0.04	1.60	11
9580133	9580095	3.10	3 1-	2 ACSR 6/1	0	0	1227	175	21	2	2	0.00	1.06	0
9580134	9580133	3.18	1 1-	2 ACSR 6/1	0	0	1197	175	5	0	0	0.00	1.06	0
9580098	9580095	3.16	78 3-	2 ACSR 6/1	1570	1411	1203	175	417	17	10	0.09	1.63	21
9580110	9580098	3.20	73 3-	2 ACSR 6/1	1554	1396	1191	175	394	16	9	0.03	1.65	8
9580076	9580110	3.27	71 3-	2 ACSR 6/1	1521	1364	1164	174	377	16	9	0.07	1.67	17
9580077	9580076	3.31	70 3-	2 ACSR 6/1	1502	1346	1149	174	369	15	9	0.04	1.69	10
9580078	9580077	3.36	69 3-	2 ACSR 6/1	1480	1324	1131	173	364	15	9	0.05	1.71	12
9580081	9580078	3.43	68 3-	2 ACSR 6/1	1451	1298	1109	173	354	15	8	0.06	1.73	16
9580082	9580081	3.48	2 1-	2 ACSR 6/1	0	0	1091	172	15	1	1	0.00	1.20	0
9580083	9580082	3.51	1 1-	2 ACSR 6/1	0	0	1082	172	11	1	1	0.00	1.20	0
9580084	9580083	3.54	1 1-	2 ACSR 6/1	0	0	1073	172	11	1	1	0.00	1.20	0
9580085	9580084	3.57	1 1-	2 ACSR 6/1	0	0	1064	172	11	1	1	0.00	1.20	0
9580080	9580081	3.50	65 3-	2 ACSR 6/1	1422	1270	1086	172	331	14	8	0.07	1.76	17
9580131	9580080	3.67	55 3-	2 ACSR 6/1	1356	1208	1034	171	283	12	7	0.18	1.80	40
9590061	9580131	3.72	55 3-	2 ACSR 6/1	1339	1192	1021	171	283	12	7	0.05	1.82	11
D09-59-P002	9590061	3.72	9 1-	FUS	0	0	1021	171	49	6	145	0.00	4.14	0
9590056	D09-59-P002	3.99	9 1-	2 ACSR 6/1	0	0	948	169	49	6	4	0.05	4.19	2
9590057	9590056	4.01	8 1-	2 ACSR 6/1	0	0	944	169	47	6	3	0.00	4.20	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9590053	9590057	4.03	7 1-	2 ACSR 6/1	0	0	940	169	44	5	3	0.00	4.20	0
9590031	9590053	4.09	1 1-	2 ACSR 6/1	0	0	926	168	11	1	1	0.00	4.20	0
9590059	9590053	4.13	6 1-	2 ACSR 6/1	0	0	917	168	34	4	2	0.01	4.21	0
9490039	9590059	4.20	5 1-	2 ACSR 6/1	0	0	899	167	28	3	2	0.01	4.21	0
9490041	9490039	4.26	2 1-	2 ACSR 6/1	0	0	886	167	10	1	1	0.00	4.22	0
9590058	9590057	4.08	1 1-	2 ACSR 6/1	0	0	927	168	2	0	0	0.00	4.20	0
9590037	9590061	3.79	46 3-	2 ACSR 6/1	1314	1169	1002	170	234	10	6	0.06	1.83	11
D09-59-P009	9590037	3.79	42 1-	REC-50-H	0	0	1002	170	221	28	58	0.00	4.20	0
9590041	D09-59-P009	3.84	42 1-	2 ACSR 6/1	0	0	987	170	221	28	16	0.04	4.25	8
9590042	9590041	4.00	38 1-	2 ACSR 6/1	0	0	947	169	202	26	15	0.12	4.36	19
9590047	9590042	4.10	30 1-	2 ACSR 6/1	0	0	924	168	172	22	13	0.06	4.42	8
9590048	9590047	4.18	27 1-	2 ACSR 6/1	0	0	905	168	165	21	12	0.05	4.47	7
9590050	9590048	4.25	2 1-	2 ACSR 6/1	0	0	889	167	13	1	1	0.00	4.48	0
9590049	9590048	4.27	23 1-	2 ACSR 6/1	0	0	886	167	145	18	11	0.05	4.52	5
9590033	9590049	4.38	20 1-	2 ACSR 6/1	0	0	861	166	121	15	9	0.05	4.57	5
9590034	9590033	4.41	19 1-	2 ACSR 6/1	0	0	856	166	118	15	9	0.01	4.58	0
9590035	9590034	4.46	18 1-	2 ACSR 6/1	0	0	846	166	117	15	9	0.02	4.61	2
9590052	9590035	4.58	17 1-	2 ACSR 6/1	0	0	823	165	117	15	8	0.05	4.65	5
9690013	9590052	4.65	1 1-	2 ACSR 6/1	0	0	809	164	8	0	1	0.00	4.66	0
9690012	9590052	4.65	15 1-	2 ACSR 6/1	0	0	809	164	97	12	7	0.03	4.68	2
9690015	9690012	4.76	13 1-	2 ACSR 6/1	0	0	790	164	89	11	6	0.03	4.72	2
9690017	9690015	4.83	2 1-	2 ACSR 6/1	0	0	778	163	17	2	1	0.00	4.72	0
9690016	9690015	4.88	10 1-	2 ACSR 6/1	0	0	771	163	62	8	4	0.03	4.74	1
9690026	9690016	4.92	9 1-	2 ACSR 6/1	0	0	764	163	59	7	4	0.01	4.75	0
9690028	9690026	4.99	1 1-	2 ACSR 6/1	0	0	753	162	3	0	0	0.00	4.75	0
9690027	9690026	4.98	8 1-	2 ACSR 6/1	0	0	755	162	55	7	4	0.01	4.76	0
9690021	9690027	5.07	4 1-	2 ACSR 6/1	0	0	740	162	33	4	2	0.01	4.77	0
9690029	9690021	5.10	3 1-	2 ACSR 6/1	0	0	737	162	10	1	1	0.00	4.77	0
9690031	9690029	5.16	1 1-	2 ACSR 6/1	0	0	728	161	4	0	0	0.00	4.77	0
9690030	9690029	5.16	2 1-	2 ACSR 6/1	0	0	728	161	5	0	0	0.00	4.77	0
9690022	9690021	5.26	0 1-	2 ACSR 6/1	0	0	713	161	0	0	0	0.00	4.77	0
9690020	9690027	5.08	1 1-	2 ACSR 6/1	0	0	739	162	9	1	1	0.00	4.77	0
9690019	9690027	5.05	1 1-	2 ACSR 6/1	0	0	744	162	4	0	0	0.00	4.76	0
9690018	9690016	4.95	1 1-	2 ACSR 6/1	0	0	759	163	3	0	0	0.00	4.74	0
9690014	9690012	4.75	2 1-	2 ACSR 6/1	0	0	792	164	8	1	1	0.00	4.68	0
9590062	9590049	4.31	3 1-	2 ACSR 6/1	0	0	877	167	25	3	2	0.00	4.52	0
9590063	9590062	4.35	2 1-	2 ACSR 6/1	0	0	868	166	17	2	1	0.00	4.53	0
9590051	9590063	4.40	1 1-	2 ACSR 6/1	0	0	857	166	8	1	1	0.00	4.53	0
9590032	9590063	4.40	1 1-	2 ACSR 6/1	0	0	858	166	9	1	1	0.00	4.53	0
9590043	9590042	4.06	7 1-	2 ACSR 6/1	0	0	931	168	21	2	2	0.00	4.37	0
9590040	9590041	3.91	3 1-	2 ACSR 6/1	0	0	968	169	15	1	1	0.00	4.25	0
9590039	9590040	3.98	1 1-	2 ACSR 6/1	0	0	951	169	8	1	1	0.00	4.25	0
9590038	9590040	3.97	2 1-	2 ACSR 6/1	0	0	955	169	7	0	0	0.00	4.25	0
9590036	9590037	3.84	2 1-	2 ACSR 6/1	0	0	986	170	10	1	1	0.00	4.20	0
9580122	9580080	3.61	10 1-	2 ACSR 6/1	0	0	1052	172	48	6	3	0.02	1.24	0
9580123	9580122	3.64	2 1-	2 ACSR 6/1	0	0	1042	171	13	1	1	0.00	1.24	0
9580065	9580123	3.77	1 1-	2 ACSR 6/1	0	0	1007	170	4	0	0	0.00	1.24	0
9580063	9580123	3.79	1 1-	2 ACSR 6/1	0	0	1002	170	8	1	1	0.00	1.24	0
9580064	9580122	3.77	7 1-	2 ACSR 6/1	0	0	1007	170	33	4	2	0.02	1.25	0
9590044	9580064	3.80	6 1-	2 ACSR 6/1	0	0	997	170	31	3	2	0.00	1.26	0
9590067	9590044	3.84	1 1-	2 ACSR 6/1	0	0	987	170	10	1	1	0.00	1.26	0
9590071	9590067	3.98	0 1-	2 ACSR 6/1	0	0	950	169	0	0	0	0.00	1.26	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
SUB SUB	0 FRACKES 0, CKT 1		1200		9827	9884	10016	360	7722						
	OCD164+	FRACKES	0.00	373 3-	BK2101	9827	9884	10016	360	1779	39	10	0.00	0.00	0
	OH166+	OCD164	0.12	373 3-	336 ACSR 18/1	9328	9201	359	1779	39	7	0.03	0.02	19	
	22730003+	OH166	1.47	373 3-	336 ACSR 18/1	5917	5591	4778	354	1779	39	7	0.29	0.18	208
	22630020+	22730003	1.77	373 3-	336 ACSR 18/1	5470	5137	4316	352	1777	39	7	0.06	0.22	46
	22630005+	22630020	1.94	373 3-	336 ACSR 18/1	5234	4900	4081	352	1777	39	7	0.04	0.24	27
	22630018+	22630005	1.97	2 1-	2 ACSR 6/1	0	0	4021	351	4	0	0	0.00	0.42	0
	22630017+	22630005	2.00	371 3-	336 ACSR 18/1	5158	4823	4006	351	1772	39	7	0.01	0.25	9
	22630016+	22630017	2.06	371 3-	336 ACSR 18/1	5088	4753	3938	351	1772	39	7	0.01	0.25	9
	22630012+	22630016	2.13	370 3-	336 ACSR 18/1	5005	4671	3858	351	1770	39	7	0.01	0.26	11
	22630011+	22630012	2.15	2 1-	2 ACSR 6/1	0	0	3820	350	18	1	1	0.00	0.11	0
	22630015+	22630011	2.20	1 1-	2 ACSR 6/1	0	0	3742	350	8	0	0	0.00	0.11	0
	22630007+	22630011	2.19	1 1-	2 ACSR 6/1	0	0	3759	350	11	0	0	0.00	0.11	0
	22630010+	22630012	2.25	368 3-	336 ACSR 18/1	4868	4535	3727	350	1751	39	7	0.03	0.28	18
	22630009+	22630010	2.31	1 1-	2 ACSR 6/1	0	0	3622	349	4	0	0	0.00	0.48	0
	22630008+	22630010	2.33	366 3-	336 ACSR 18/1	4784	4451	3647	350	1746	39	7	0.02	0.29	12
	22630014+	22630008	2.53	366 3-	336 ACSR 18/1	4574	4244	3452	349	1745	39	7	0.04	0.31	30
	22630013+	22630014	2.57	365 3-	336 ACSR 18/1	4533	4204	3414	349	1741	38	7	0.01	0.32	6
	22540023+	22630013	2.71	362 3-	336 ACSR 18/1	4406	4080	3299	348	1727	38	7	0.03	0.33	20
	22540033+	22540023	2.87	361 3-	336 ACSR 18/1	4263	3941	3170	348	1719	38	7	0.03	0.35	23
	22540032+	22540033	2.90	359 3-	336 ACSR 18/1	4232	3911	3143	347	1703	38	7	0.01	0.36	5
	22540045+	22540032	2.92	358 3-	336 ACSR 18/1	4215	3894	3127	347	1687	37	7	0.00	0.36	3
	22540046+	22540045	2.98	356 3-	336 ACSR 18/1	4168	3848	3086	347	1676	37	7	0.01	0.36	8
	22540034+	22540046	3.07	355 3-	336 ACSR 18/1	4097	3779	3023	347	1671	37	7	0.02	0.37	12
	D22-54-P007+	22540034	3.07	4 1-	FUS	0	0	3023	347	9	0	13	0.00	0.65	0
	22540030+	D22-54-P007	3.11	4 1-	2 ACSR 6/1	0	0	2980	346	9	0	0	0.00	0.65	0
	22540031+	22540030	3.46	3 1-	2 ACSR 6/1	0	0	2627	341	6	0	0	0.00	0.66	0
	22530003+	22540031	3.53	2 1-	2 ACSR 6/1	0	0	2571	340	3	0	0	0.00	0.66	0
	22530004+	22530003	3.74	2 1-	2 ACSR 6/1	0	0	2397	337	3	0	0	0.00	0.66	0
	22540022+	22540034	3.14	350 3-	336 ACSR 18/1	4037	3722	2971	346	1660	37	7	0.01	0.38	10
	D22-54-P090+	22540022	3.14	350 3-	ER3-RVE-280/120	4037	3722	2971	346	1660	37	27	0.00	0.38	0
	22540019+	D22-54-P090	3.42	350 3-	336 ACSR 18/1	3838	3530	2798	345	1660	37	7	0.05	0.41	38
	NODEL81+	22540019	3.42	0 3-	Node	0	0	0	0	0	0	0	0.00	0.41	0
	22540043+	22540019	3.52	350 3-	4/0 ACSR 6/1	3749	3445	2724	345	1660	37	11	0.03	0.43	23
	22540065+	22540043	3.56	346 3-	4/0 ACSR 6/1	3714	3411	2694	344	1637	36	11	0.01	0.44	9
	22540066+	22540065	3.63	346 3-	4/0 ACSR 6/1	3661	3360	2650	344	1637	36	11	0.02	0.45	14
	D22-54-P092+	22540066	3.63	346 3-	REC-100-E	3661	3360	2650	344	1637	36	37	0.00	0.45	0
	22540021+	D22-54-P092	3.67	346 3-	4/0 ACSR 6/1	3627	3328	2622	344	1637	36	11	0.01	0.46	9
	22540042+	22540021	3.71	345 3-	4/0 ACSR 6/1	3598	3300	2598	343	1635	36	11	0.01	0.46	8
	22540067+	22540042	3.76	344 3-	4/0 ACSR 6/1	3556	3200	2564	343	1631	36	11	0.02	0.47	12
	22540063+	22540067	3.82	343 3-	4/0 ACSR 6/1	3515	3221	2530	343	1623	36	11	0.02	0.48	12
	22540064+	22540063	3.85	343 3-	4/0 ACSR 6/1	3494	3201	2512	342	1623	36	11	0.01	0.49	6
	22540061+	22540064	3.92	342 3-	4/0 ACSR 6/1	3441	3150	2469	342	1618	36	11	0.02	0.50	16
	22540062+	22540061	3.97	342 3-	4/0 ACSR 6/1	3406	3117	2441	342	1618	36	11	0.01	0.51	10
	22540024+	22540062	4.01	341 3-	4/0 ACSR 6/1	3375	3088	2416	341	1616	36	11	0.01	0.52	9
	22540050+	22540024	4.06	4 1-	2 ACSR 6/1	0	0	2382	341	20	1	1	0.00	0.90	0
	22540060+	22540050	4.19	2 1-	2 ACSR 6/1	0	0	2295	339	9	0	0	0.00	0.90	0
	22540059+	22540060	4.23	1 1-	2 ACSR 6/1	0	0	2265	338	5	0	0	0.00	0.90	0
	22540025+	22540024	4.03	337 3-	4/0 ACSR 6/1	3364	3078	2407	341	1595	35	11	0.00	0.52	3
	22540049+	22540025	4.24	337 3-	4/0 ACSR 6/1	3229	2950	2298	340	1595	35	11	0.06	0.55	42
	22540026+	22540049	4.34	335 3-	4/0 ACSR 6/1	3169	2893	2250	339	1586	35	10	0.03	0.57	20

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22540028+	22540026	4.36	331 3-	4/0 ACSR 6/1	3153	2878	2237	339	1568	35	10	0.01	0.57	5
22540029+	22540028	4.40	330 3-	4/0 ACSR 6/1	3130	2856	2219	339	1559	34	10	0.01	0.58	7
22540051+	22540029	4.51	329 3-	4/0 ACSR 6/1	3067	2796	2169	338	1554	34	10	0.03	0.60	22
22550029+	22540051	4.57	326 3-	4/0 ACSR 6/1	3033	2765	2142	338	1544	34	10	0.02	0.61	12
22550030+	22550029	4.72	325 3-	4/0 ACSR 6/1	2952	2689	2079	337	1537	34	10	0.04	0.63	29
D22-55-P004+	22550030	4.72	8 1-	FUS	0	0	2079	337	35	2	54	0.00	1.09	0
22550035+	D22-55-P004	4.88	8 1-	2 ACSR 6/1	0	0	1994	334	35	2	1	0.01	1.10	0
22550022+	22550035	4.97	7 1-	2 ACSR 6/1	0	0	1947	333	28	1	1	0.00	1.10	0
22550023+	22550022	5.02	6 1-	2 ACSR 6/1	0	0	1923	332	24	1	1	0.00	1.10	0
22550014+	22550023	5.19	5 1-	2 ACSR 6/1	0	0	1844	330	14	0	1	0.00	1.10	0
22650015+	22550014	5.37	4 1-	2 ACSR 6/1	0	0	1769	328	8	0	0	0.00	1.10	0
22650016+	22650015	5.51	4 1-	2 ACSR 6/1	0	0	1709	326	8	0	0	0.00	1.10	0
22650011+	22650016	5.59	1 1-	2 ACSR 6/1	0	0	1680	325	2	0	0	0.00	1.10	0
22650012+	22650011	5.67	0 1-	2 ACSR 6/1	0	0	1651	324	0	0	0	0.00	1.10	0
22650010+	22650016	5.59	3 1-	2 ACSR 6/1	0	0	1680	325	6	0	0	0.00	1.10	0
22650008+	22650010	5.81	2 1-	2 ACSR 6/1	0	0	1598	322	4	0	0	0.00	1.11	0
22650009+	22650008	6.03	1 1-	2 ACSR 6/1	0	0	1526	319	4	0	0	0.00	1.11	0
22550031+	22550030	4.76	1 1-	2 ACSR 6/1	0	0	2060	336	5	0	0	0.00	0.59	0
22550024+	22550030	4.83	316 3-	1/0 ACSR 6/1	2880	2619	2027	336	1496	33	15	0.05	0.66	40
D22-55-P046+	22550024	4.83	2 1-	FUS-20	0	0	2027	336	11	0	4	0.00	0.62	0
D22-55-P046+	D22-55-P046A	4.83	2 1-	FUS-20	0	0	2027	336	11	0	4	0.00	0.62	0
22550034+	D22-55-P046	4.88	2 1-	2 ACSR 6/1	0	0	2003	335	11	0	0	0.00	0.62	0
22550012+	22550034	5.07	1 1-	2 ACSR 6/1	0	0	1910	332	7	0	0	0.00	0.62	0
22550013+	22550024	4.90	312 3-	1/0 ACSR 6/1	2837	2577	1996	335	1482	33	14	0.03	0.68	25
22550017+	22550013	5.01	310 3-	1/0 ACSR 6/1	2774	2517	1951	334	1476	33	14	0.05	0.71	36
22550021+	22550017	5.07	306 3-	1/0 ACSR 6/1	2740	2484	1926	333	1451	32	14	0.03	0.73	20
22550025+	22550021	5.12	306 3-	1/0 ACSR 6/1	2709	2454	1904	333	1451	32	14	0.02	0.74	19
22550026+	22550025	5.19	305 3-	1/0 ACSR 6/1	2672	2419	1878	332	1444	32	14	0.03	0.76	22
22550027+	22550026	5.26	304 3-	1/0 ACSR 6/1	2633	2382	1850	331	1441	32	14	0.03	0.78	24
22550028+	22550027	5.47	303 3-	1/0 ACSR 6/1	2522	2276	1772	329	1438	32	14	0.09	0.84	72
22550011+	22550028	5.84	303 3-	1/0 ACSR 6/1	2352	2116	1652	326	1437	32	14	0.16	0.93	122
22560027+	22550011	5.89	1 1-	2 ACSR 6/1	0	0	1634	325	12	0	0	0.00	0.86	0
22560028+	22550011	5.87	302 3-	1/0 ACSR 6/1	2338	2102	1642	326	1424	32	14	0.01	0.94	11
22560029+	22560028	5.90	301 3-	1/0 ACSR 6/1	2325	2090	1633	325	1418	31	14	0.01	0.95	10
22560030+	22560029	5.91	300 3-	1/0 ACSR 6/1	2320	2085	1629	325	1415	31	14	0.01	0.95	4
22560037+	22560030	6.00	299 3-	1/0 ACSR 6/1	2282	2049	1602	324	1407	31	14	0.04	0.98	29
22560038+	22560037	6.10	298 3-	1/0 ACSR 6/1	2243	2013	1575	323	1398	31	14	0.04	1.00	31
22560023+	22560038	6.42	298 3-	1/0 ACSR 6/1	2121	1899	1490	320	1398	31	14	0.14	1.09	103
22560022+	22560023	6.50	296 3-	1/0 ACSR 6/1	2091	1871	1469	320	1386	31	14	0.04	1.11	27
D22-56-P014+	22560022	6.50	296 3-	REC-70-E	2091	1871	1469	320	1385	31	45	0.00	1.11	0
22560024+	D22-56-P014	6.55	296 3-	1/0 ACSR 6/1	2075	1856	1457	319	1385	31	14	0.02	1.12	15
D22-56-P030+	22560024	6.55	7 1-	FUS-10	0	0	1457	319	8	0	5	0.00	1.90	0
22560043+	D22-56-P030	6.60	7 1-	2 ACSR 6/1	0	0	1441	318	8	0	0	0.00	1.90	0
22560044+	22560043	6.66	6 1-	2 ACSR 6/1	0	0	1425	318	6	0	0	0.00	1.90	0
22560033+	22560044	6.73	4 1-	2 ACSR 6/1	0	0	1406	317	3	0	0	0.00	1.90	0
22560020+	22560024	6.62	289 3-	1/0 ACSR 6/1	2050	1832	1440	318	1378	31	13	0.03	1.14	23
D22-56-P038A+	22560020	6.62	3 1-	FUS-10	0	0	1440	318	15	0	10	0.00	1.04	0
D22-56-P038+	D22-56-P038A	6.62	3 1-	FUS-10	0	0	1440	318	15	0	10	0.00	1.04	0
22560042+	D22-56-P038	6.66	3 1-	2 ACSR 6/1	0	0	1430	318	15	0	1	0.00	1.04	0
22560026+	22560042	6.73	2 1-	2 ACSR 6/1	0	0	1409	317	12	0	0	0.00	1.04	0
22560035+	22560020	6.63	4 1-	2 ACSR 6/1	0	0	1436	318	12	0	0	0.00	1.93	0
22560021+	22560020	6.68	282 3-	1/0 ACSR 6/1	2029	1813	1425	318	1351	30	13	0.03	1.16	19

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22560036+	22560021	6.71	2 1-	2 ACSR 6/1	0	0	1417	317	12	0	0	0.00	1.95	0
22560034+	22560021	6.70	1 1-	2 ACSR 6/1	0	0	1420	318	4	0	0	0.00	0.46	0
22560019+	22560021	6.75	279 3-	1/0 ACSR 6/1	2006	1791	1409	317	1335	30	13	0.03	1.17	21
22560025+	22560019	7.57	279 3-	1/0 ACSR 6/1	1770	1574	1245	310	1335	30	13	0.34	1.38	241
22570002+	22560025	7.70	279 3-	1/0 ACSR 6/1	1737	1543	1222	309	1333	30	13	0.06	1.41	39
20852206+	22570002	7.77	2 1-	2 ACSR 6/1	0	0	1207	308	4	0	0	0.00	1.27	0
22570003+	22570002	7.75	277 3-	1/0 ACSR 6/1	1723	1531	1213	308	1328	29	13	0.02	1.42	16
22570004+	22570003	7.84	276 3-	1/0 ACSR 6/1	1702	1511	1198	307	1323	29	13	0.04	1.45	26
20852041+	22570004	7.90	275 3-	1/0 ACSR 6/1	1689	1499	1189	307	1316	29	13	0.02	1.46	17
20852204+	20852041	7.95	273 3-	1/0 ACSR 6/1	1677	1488	1180	306	1298	29	13	0.02	1.47	14
20852205+	20852204	8.06	272 3-	1/0 ACSR 6/1	1652	1465	1163	305	1292	29	13	0.05	1.50	32
22480004+	20852205	8.17	269 3-	1/0 ACSR 6/1	1627	1442	1146	304	1277	28	13	0.05	1.53	31
22480012+	22480004	8.26	265 3-	1/0 ACSR 6/1	1608	1425	1133	304	1258	28	12	0.04	1.55	24
22480014+	22480012	8.31	1 1-	2 ACSR 6/1	0	0	1124	303	2	0	0	0.00	2.62	0
22480013+	22480012	8.37	262 3-	1/0 ACSR 6/1	1584	1404	1116	303	1247	28	12	0.05	1.57	31
22480036+	22480013	8.43	259 3-	1/0 ACSR 6/1	1573	1393	1108	302	1233	27	12	0.02	1.59	15
22480038+	22480036	8.47	1 3-	1/0 ACSR 6/1	1564	1385	1102	302	7	0	0	0.00	1.59	0
22480037+	22480036	8.56	258 3-	1/0 ACSR 6/1	1546	1369	1090	301	1227	27	12	0.05	1.62	35
22480016+	22480037	8.64	257 3-	1/0 ACSR 6/1	1532	1355	1080	300	1224	27	12	0.03	1.63	20
22480010+	22480016	8.77	256 3-	1/0 ACSR 6/1	1506	1332	1062	299	1224	27	12	0.05	1.66	35
22480025+	22480010	8.81	253 3-	1/0 ACSR 6/1	1498	1325	1056	299	1208	27	12	0.02	1.67	12
22480027+	22480025	8.88	252 3-	1/0 ACSR 6/1	1486	1314	1048	298	1197	27	12	0.03	1.69	17
D22-48-P012A+	22480027	8.88	4 1-	FUS-20	0	0	1048	298	15	1	6	0.00	2.87	0
D22-48-P012+	D22-48-P012A	8.88	4 1-	FUS-20	0	0	1048	298	15	1	6	0.00	2.87	0
22480035+	D22-48-P012	8.92	4 1-	2 ACSR 6/1	0	0	1041	298	15	1	1	0.00	2.87	0
22480032+	22480035	9.00	3 1-	2 ACSR 6/1	0	0	1029	297	9	0	0	0.00	2.87	0
22480022+	22480032	9.07	1 1-	2 ACSR 6/1	0	0	1019	296	1	0	0	0.00	2.87	0
22480026+	22480027	8.99	244 3-	1/0 ACSR 6/1	1466	1296	1034	297	1165	26	11	0.04	1.71	26
22480005+	22480026	9.06	243 3-	1/0 ACSR 6/1	1453	1284	1025	297	1163	26	11	0.03	1.73	19
D22-48-P018A+	22480005	9.06	4 1-	FUS-20	0	0	1025	297	22	1	9	0.00	2.94	0
D22-48-P018+	D22-48-P018A	9.06	4 1-	FUS-20	0	0	1025	297	22	1	9	0.00	2.94	0
22480034+	D22-48-P018	9.11	4 1-	2 ACSR 6/1	0	0	1018	296	22	1	1	0.00	2.94	0
22480006+	22480034	9.18	3 1-	2 ACSR 6/1	0	0	1008	295	16	1	1	0.00	2.94	0
22480007+	22480006	9.23	1 1-	2 ACSR 6/1	0	0	1001	295	3	0	0	0.00	2.94	0
22480008+	22480005	9.21	237 3-	1/0 ACSR 6/1	1428	1261	1007	296	1125	25	11	0.05	1.76	33
22480009+	22480008	9.26	235 3-	1/0 ACSR 6/1	1418	1253	1001	295	1118	25	11	0.02	1.77	13
22480018+	22480009	9.30	2 1-	2 ACSR 6/1	0	0	996	295	14	0	1	0.00	1.62	0
22480017+	22480009	9.32	232 3-	1/0 ACSR 6/1	1409	1244	994	295	1096	24	11	0.02	1.78	13
D22-48-P051+	22480017	9.32	5 1-	FUS-20	0	0	994	295	24	1	9	0.00	3.04	0
22480033+	D22-48-P051	9.34	5 1-	2 ACSR 6/1	0	0	991	294	24	1	1	0.00	3.04	0
22480019+	22480033	9.39	3 1-	2 ACSR 6/1	0	0	985	294	13	0	0	0.00	3.04	0
22480020+	22480019	9.43	1 1-	2 ACSR 6/1	0	0	980	293	5	0	0	0.00	3.04	0
22480003+	22480017	9.38	227 3-	1/0 ACSR 6/1	1400	1236	988	294	1073	24	11	0.02	1.80	11
22480021+	22480003	9.43	2 1-	2 ACSR 6/1	0	0	981	294	7	0	0	0.00	1.64	0
22480024+	22480003	9.42	221 3-	1/0 ACSR 6/1	1393	1230	983	294	1036	23	10	0.01	1.80	8
22490003+	22480024	9.50	220 3-	1/0 ACSR 6/1	1380	1218	974	293	1029	23	10	0.03	1.82	15
22490006+	22490003	9.59	217 3-	1/0 ACSR 6/1	1366	1205	964	292	1022	23	10	0.03	1.84	18
D22-49-P003+	22490006	9.59	3 1-	FUS-20	0	0	964	292	18	1	7	0.00	1.69	0
22490026+	D22-49-P003	9.63	3 1-	2 ACSR 6/1	0	0	960	292	18	1	1	0.00	1.69	0
22490001+	22490026	9.65	0 1-	2 ACSR 6/1	0	0	957	292	0	0	0	0.00	1.69	0
D22-49-P003A+	22490006	9.59	3 1-	FUS-20	0	0	964	292	23	1	9	0.00	3.13	0
22490028+	D22-49-P003A	9.61	3 1-	2 ACSR 6/1	0	0	961	292	23	1	1	0.00	3.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22490007+	22490028	9.64	2 1-	2 ACSR 6/1	0	0	958	292	13	0	0	0.00	3.13	0
22490004+	22490007	9.77	1 1-	2 ACSR 6/1	0	0	942	290	7	0	0	0.00	3.13	0
22490005+	22490006	9.66	210 3-	1/0 ACSR 6/1	1355	1196	957	292	981	22	10	0.02	1.85	12
22490011+	22490005	9.72	207 3-	1/0 ACSR 6/1	1346	1187	951	291	965	21	10	0.02	1.86	10
D22-49-P008+	22490011	9.72	2 1-	FUS-20	0	0	951	291	7	0	3	0.00	1.71	0
22490029+	D22-49-P008	9.74	2 1-	2 ACSR 6/1	0	0	948	291	7	0	0	0.00	1.71	0
D22-49-P008A+	22490011	9.72	2 1-	FUS-20	0	0	951	291	12	0	5	0.00	3.17	0
22490027+	D22-49-P008A	9.77	2 1-	2 ACSR 6/1	0	0	945	291	12	0	0	0.00	3.17	0
22490025+	22490027	9.82	1 1-	2 ACSR 6/1	0	0	938	290	8	0	0	0.00	3.17	0
22490024+	22490027	9.80	1 1-	2 ACSR 6/1	0	0	941	290	4	0	0	0.00	3.17	0
22490008+	22490024	9.86	0 1-	2 ACSR 6/1	0	0	934	290	0	0	0	0.00	3.17	0
22490013+	22490011	9.79	199 3-	1/0 ACSR 6/1	1335	1178	943	291	925	20	9	0.02	1.87	12
22490009+	22490013	9.81	1 1-	2 ACSR 6/1	0	0	941	291	2	0	0	0.00	0.70	0
22490010+	22490009	9.87	0 1-	2 ACSR 6/1	0	0	933	290	0	0	0	0.00	0.70	0
22490018+	22490013	9.87	198 3-	1/0 ACSR 6/1	1324	1167	935	290	923	20	9	0.02	1.89	13
22390015+	22490018	9.93	196 3-	1/0 ACSR 6/1	1314	1158	929	290	915	20	9	0.02	1.90	11
22390016+	22390015	10.02	192 3-	1/0 ACSR 6/1	1302	1147	920	289	891	20	9	0.03	1.91	14
22390041+	22390016	10.08	192 3-	1/0 ACSR 6/1	1294	1140	915	288	891	20	9	0.02	1.92	9
22390042+	22390041	10.12	192 3-	1/0 ACSR 6/1	1287	1134	910	288	891	20	9	0.01	1.93	8
D22-39-P046+	22390042	10.12	3 1-	FUS-20	0	0	910	288	15	1	6	0.00	3.29	0
22390040+	D22-39-P046	10.13	3 1-	2 ACSR 6/1	0	0	909	288	15	1	1	0.00	3.29	0
22390024+	22390040	10.20	2 1-	2 ACSR 6/1	0	0	902	287	10	0	0	0.00	3.29	0
22390025+	22390024	10.27	1 1-	2 ACSR 6/1	0	0	894	286	2	0	0	0.00	3.29	0
22390026+	22390042	10.17	184 3-	1/0 ACSR 6/1	1281	1129	906	287	860	19	8	0.01	1.94	7
22390019+	22390026	10.23	184 3-	1/0 ACSR 6/1	1273	1122	900	287	860	19	8	0.02	1.95	9
22390020+	22390019	10.27	1 1-	2 ACSR 6/1	0	0	896	287	6	0	0	0.00	1.82	0
22390021+	22390019	10.28	182 3-	1/0 ACSR 6/1	1266	1115	895	287	848	19	8	0.02	1.95	8
22390022+	22390021	10.34	177 3-	1/0 ACSR 6/1	1258	1108	890	286	822	18	8	0.02	1.96	8
22390011+	22390022	10.39	173 3-	1/0 ACSR 6/1	1252	1102	885	286	795	18	8	0.01	1.97	7
22390014+	22390011	10.42	171 3-	1/0 ACSR 6/1	1247	1098	882	286	782	17	8	0.01	1.98	5
22390013+	22390014	10.50	168 3-	1/0 ACSR 6/1	1238	1090	875	285	768	17	8	0.02	1.99	11
22390018+	22390013	10.55	167 3-	1/0 ACSR 6/1	1231	1084	871	285	763	17	8	0.01	1.99	7
22390027+	22390018	10.60	1 1-	2 ACSR 6/1	0	0	865	284	2	0	0	0.00	1.89	0
22390029+	22390018	10.61	159 3-	1/0 ACSR 6/1	1223	1077	865	284	735	16	7	0.02	2.00	9
22390030+	22390029	10.66	158 3-	1/0 ACSR 6/1	1218	1071	861	284	728	16	7	0.01	2.01	6
22390033+	22390030	10.71	2 1-	2 ACSR 6/1	0	0	855	283	9	0	0	0.00	1.92	0
22390005+	22390030	10.77	156 3-	1/0 ACSR 6/1	1204	1059	852	283	719	16	7	0.03	2.02	15
D22-39-P007+	22390005	10.77	89 1-	REC-50-E	0	0	852	283	466	32	64	0.00	3.47	0
22390006+	D22-39-P007	10.84	89 1-	2 ACSR 6/1	0	0	845	282	466	32	18	0.03	3.51	12
23320023+	22390006	10.88	2 1-	2 ACSR 6/1	0	0	840	282	13	0	0	0.00	3.51	0
23320022+	22390006	10.86	85 1-	2 ACSR 6/1	0	0	843	282	432	29	16	0.01	3.52	3
23320024+	23320022	10.93	84 1-	2 ACSR 6/1	0	0	835	281	424	29	16	0.03	3.55	11
23320025+	23320024	11.02	1 1-	2 ACSR 6/1	0	0	827	280	5	0	0	0.00	3.55	0
23320020+	23320024	11.08	80 1-	2 ACSR 6/1	0	0	821	280	408	28	16	0.06	3.61	19
23320021+	23320020	11.15	76 1-	2 ACSR 6/1	0	0	815	279	380	26	15	0.03	3.64	8
23320027+	23320021	11.19	3 1-	2 ACSR 6/1	0	0	811	278	5	0	0	0.00	3.64	0
23320026+	23320021	11.18	71 1-	2 ACSR 6/1	0	0	812	279	369	25	14	0.01	3.65	4
23320028+	23320026	11.21	71 1-	2 ACSR 6/1	0	0	809	278	369	25	14	0.01	3.66	4
23320029+	23320028	11.27	67 1-	2 ACSR 6/1	0	0	804	278	356	24	14	0.02	3.68	6
23320030+	23320029	11.35	65 1-	2 ACSR 6/1	0	0	796	277	347	23	13	0.03	3.71	9
23320031+	23320030	11.40	64 1-	2 ACSR 6/1	0	0	792	276	339	23	13	0.02	3.73	4
23320033+	23320031	11.50	62 1-	2 ACSR 6/1	0	0	783	275	319	21	12	0.03	3.76	8

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
23320036+	23320033	11.57	4 1-	2 ACSR 6/1	0	0	776	274	21	1	1	0.00	3.76	0
23320037+	23320036	11.61	4 1-	2 ACSR 6/1	0	0	773	274	21	1	1	0.00	3.77	0
23320038+	23320037	11.63	3 1-	2 ACSR 6/1	0	0	772	274	15	1	1	0.00	3.77	0
23320041+	23320038	11.64	2 1-	2 ACSR 6/1	0	0	770	274	15	1	1	0.00	3.77	0
23320040+	23320038	11.70	1 1-	2 ACSR 6/1	0	0	766	273	0	0	0	0.00	3.77	0
23320034+	23320033	11.52	55 1-	2 ACSR 6/1	0	0	781	275	277	19	11	0.01	3.77	1
23320035+	23320034	11.70	54 1-	2 ACSR 6/1	0	0	766	273	276	18	11	0.05	3.82	11
23320039+	23320035	11.78	1 1-	2 ACSR 6/1	0	0	759	272	4	0	0	0.00	3.82	0
23320018+	23320035	11.87	53 1-	2 ACSR 6/1	0	0	751	271	271	18	10	0.05	3.87	11
23220005+	23320018	11.94	52 1-	2 ACSR 6/1	0	0	746	271	263	18	10	0.02	3.89	4
23220007+	23220005	11.99	49 1-	2 ACSR 6/1	0	0	742	270	251	17	10	0.01	3.90	3
23220017+	23220007	12.04	1 1-	2 ACSR 6/1	0	0	738	270	0	0	0	0.00	3.90	0
23220008+	23220007	12.06	48 1-	2 ACSR 6/1	0	0	736	269	251	17	10	0.02	3.92	4
23220009+	23220008	12.12	47 1-	2 ACSR 6/1	0	0	732	269	244	16	9	0.01	3.93	3
23220014+	23220009	12.19	44 1-	2 ACSR 6/1	0	0	726	268	225	15	9	0.02	3.95	3
D23--22-P007+	23220014	12.19	13 1-	FUS-10	0	0	726	268	67	4	48	0.00	3.95	0
23220024+	D23--22-P007	12.22	13 1-	2 ACSR 6/1	0	0	724	268	67	4	3	0.00	3.95	0
23220015+	23220024	12.26	13 1-	2 ACSR 6/1	0	0	721	267	67	4	3	0.00	3.96	0
23220010+	23220015	12.31	12 1-	2 ACSR 6/1	0	0	718	267	63	4	2	0.00	3.96	0
23220011+	23220010	12.36	10 1-	2 ACSR 6/1	0	0	714	266	52	3	2	0.00	3.96	0
23220025+	23220011	12.41	2 1-	2 ACSR 6/1	0	0	711	266	11	0	0	0.00	3.96	0
23220026+	23220025	12.45	1 1-	2 ACSR 6/1	0	0	707	266	6	0	0	0.00	3.96	0
23220012+	23220011	12.45	7 1-	2 ACSR 6/1	0	0	708	266	35	2	1	0.00	3.96	0
23220019+	23220012	12.50	4 1-	2 ACSR 6/1	0	0	704	265	17	1	1	0.00	3.96	0
23220020+	23220019	12.56	1 1-	2 ACSR 6/1	0	0	699	264	4	0	0	0.00	3.96	0
23220018+	23220012	12.50	1 1-	2 ACSR 6/1	0	0	704	265	4	0	0	0.00	3.96	0
23220016+	23220015	12.31	1 1-	2 ACSR 6/1	0	0	718	267	4	0	0	0.00	3.96	0
23220003+	23220014	12.28	31 1-	2 ACSR 6/1	0	0	720	267	158	10	6	0.01	3.97	2
23230011+	23220003	12.39	2 1-	2 ACSR 6/1	0	0	712	266	16	1	1	0.00	3.97	0
23230009+	23220003	12.43	29 1-	2 ACSR 6/1	0	0	709	266	142	9	5	0.02	3.99	3
23230030+	23230009	12.52	1 1-	2 ACSR 6/1	0	0	703	265	9	0	0	0.00	3.99	0
23230031+	23230030	12.62	1 1-	2 ACSR 6/1	0	0	695	264	9	0	0	0.00	3.99	0
23230010+	23230009	12.50	28 1-	2 ACSR 6/1	0	0	704	265	133	9	5	0.01	4.00	0
23230015+	23230010	12.53	24 1-	2 ACSR 6/1	0	0	702	265	111	7	4	0.00	4.00	0
23230016+	23230015	12.56	19 1-	2 ACSR 6/1	0	0	699	264	93	6	4	0.00	4.00	0
23230018+	23230016	12.62	1 1-	2 ACSR 6/1	0	0	695	264	5	0	0	0.00	4.00	0
23230017+	23230016	12.61	16 1-	2 ACSR 6/1	0	0	696	264	73	5	3	0.00	4.01	0
D23--23-P053+	23230017	12.61	7 1-	FUS-10	0	0	696	264	31	2	22	0.00	4.01	0
23230028+	D23--23-P053	12.63	7 1-	2 ACSR 6/1	0	0	695	264	31	2	1	0.00	4.01	0
23230019+	23230028	12.72	5 1-	2 ACSR 6/1	0	0	688	263	19	1	1	0.00	4.01	0
23230020+	23230019	12.80	2 1-	2 ACSR 6/1	0	0	683	262	12	0	0	0.00	4.01	0
23230029+	23230017	12.64	9 1-	2 ACSR 6/1	0	0	694	264	42	2	2	0.00	4.01	0
D23--23-P038+	23230029	12.64	9 1-	FUS	0	0	694	264	42	2	66	0.00	4.01	0
23230027+	D23--23-P038	12.68	9 1-	2 ACSR 6/1	0	0	691	263	42	2	2	0.00	4.01	0
23230021+	23230027	12.74	6 1-	2 ACSR 6/1	0	0	687	263	22	1	1	0.00	4.01	0
23230034+	23230021	12.81	6 1-	2 ACSR 6/1	0	0	683	262	22	1	1	0.00	4.01	0
23230022+	23230034	12.89	5 1-	2 ACSR 6/1	0	0	677	261	16	1	1	0.00	4.01	0
23230026+	23230022	12.93	1 1-	2 ACSR 6/1	0	0	675	261	6	0	0	0.00	4.01	0
23230032+	23230026	13.05	1 1-	2 ACSR 6/1	0	0	667	260	6	0	0	0.00	4.01	0
23230033+	23230032	13.10	1 1-	2 ACSR 6/1	0	0	663	259	6	0	0	0.00	4.01	0
23230012+	23230010	12.52	4 1-	2 ACSR 6/1	0	0	702	265	22	1	1	0.00	4.00	0
23230013+	23230012	12.59	3 1-	2 ACSR 6/1	0	0	698	264	14	0	1	0.00	4.00	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
23230014+	23230013	12.64	1 1-	2 ACSR 6/1	0	0	694	264	9	0	0	0.00	4.00	0
23220013+	23220009	12.16	1 1-	2 ACSR 6/1	0	0	729	268	8	0	0	0.00	3.93	0
23220004+	23320018	11.93	1 1-	2 ACSR 6/1	0	0	747	271	8	0	0	0.00	3.87	0
23320032+	23320031	11.44	1 1-	2 ACSR 6/1	0	0	788	276	12	0	0	0.00	3.73	0
23320019+	23320024	10.98	2 1-	2 ACSR 6/1	0	0	831	281	5	0	0	0.00	3.55	0
22390034+	22390005	10.81	62 1-	2 ACSR 6/1	0	0	848	283	239	16	9	0.01	1.95	2
D22-39-P049+	22390034	10.81	62 1-	REC-50-E	0	0	848	283	239	16	32	0.00	1.95	0
22390035+	D22-39-P049	10.83	62 1-	2 ACSR 6/1	0	0	845	282	239	16	9	0.01	1.96	1
22390008+	22390035	10.86	61 1-	2 ACSR 6/1	0	0	842	282	232	15	9	0.01	1.97	1
22390017+	22390008	10.92	60 1-	2 ACSR 6/1	0	0	837	281	225	15	8	0.01	1.98	2
22390023+	22390017	11.52	55 1-	2 ACSR 6/1	0	0	787	275	211	14	8	0.13	2.11	22
D22-29-P042+	22390023	11.52	4 1-	FUS	0	0	781	275	2	0	3	0.00	2.11	0
22290029+	D22-29-P042	11.56	4 1-	2 ACSR 6/1	0	0	778	275	2	0	0	0.00	2.11	0
22290032+	22290029	11.85	4 1-	2 ACSR 6/1	0	0	753	272	2	0	0	0.00	2.11	0
23220029+	22290032	12.01	4 1-	2 ACSR 6/1	0	0	740	270	2	0	0	0.00	2.11	0
23220027+	23220029	12.31	4 1-	2 ACSR 6/1	0	0	717	267	2	0	0	0.00	2.11	0
23220028+	23220027	12.56	4 1-	2 ACSR 6/1	0	0	700	265	2	0	0	0.00	2.11	0
23220006+	23220028	12.69	3 1-	2 ACSR 6/1	0	0	690	263	2	0	0	0.00	2.11	0
23120001+	23220006	12.82	2 1-	2 ACSR 6/1	0	0	682	262	1	0	0	0.00	2.11	0
23120002+	23120001	13.06	1 1-	2 ACSR 6/1	0	0	666	260	1	0	0	0.00	2.11	0
22290002+	22290029	11.89	0 1-	2 ACSR 6/1	0	0	750	271	0	0	0	0.00	2.11	0
22290022+	22390023	12.04	51 1-	2 ACSR 6/1	0	0	738	270	208	14	8	0.11	2.22	18
22290023+	22290022	12.06	4 1-	2 ACSR 6/1	0	0	736	269	28	1	1	0.00	2.22	0
22290024+	22290023	12.09	2 1-	2 ACSR 6/1	0	0	734	269	16	1	1	0.00	2.22	0
22290010+	22290024	12.12	1 1-	2 ACSR 6/1	0	0	732	269	8	0	0	0.00	2.22	0
22290021+	22290022	12.13	46 1-	2 ACSR 6/1	0	0	732	269	167	11	6	0.01	2.23	2
22290011+	22290021	12.17	44 1-	2 ACSR 6/1	0	0	728	268	155	10	6	0.01	2.24	0
22290012+	22290011	12.20	40 1-	2 ACSR 6/1	0	0	726	268	144	9	5	0.00	2.24	0
22290013+	22290012	12.24	37 1-	2 ACSR 6/1	0	0	723	268	138	9	5	0.01	2.25	0
D22-29-P068+	22290013	12.24	22 1-	REC-25-E	0	0	723	268	99	6	27	0.00	2.25	0
22290031+	D22-29-P068	12.27	22 1-	2 ACSR 6/1	0	0	721	267	99	6	4	0.00	2.25	0
22290026+	22290031	12.31	20 1-	2 ACSR 6/1	0	0	718	267	87	5	3	0.00	2.25	0
22290018+	22290026	12.37	17 1-	2 ACSR 6/1	0	0	713	266	71	4	3	0.00	2.26	0
22290019+	22290018	12.43	16 1-	2 ACSR 6/1	0	0	709	266	66	4	2	0.00	2.26	0
22290020+	22290019	12.56	14 1-	2 ACSR 6/1	0	0	700	265	58	3	2	0.01	2.27	0
22290025+	22290020	12.60	13 1-	2 ACSR 6/1	0	0	697	264	56	3	2	0.00	2.27	0
22290007+	22290025	12.66	13 1-	2 ACSR 6/1	0	0	693	264	56	3	2	0.00	2.28	0
22290006+	22290007	12.78	9 1-	2 ACSR 6/1	0	0	685	262	43	2	2	0.01	2.28	0
22290003+	22290006	12.84	8 1-	2 ACSR 6/1	0	0	681	262	40	2	2	0.00	2.28	0
22290004+	22290003	12.88	4 1-	2 ACSR 6/1	0	0	678	261	33	2	1	0.00	2.28	0
22290005+	22290004	12.92	3 1-	2 ACSR 6/1	0	0	675	261	26	1	1	0.00	2.29	0
22290015+	22290005	12.96	1 1-	2 ACSR 6/1	0	0	673	261	10	0	0	0.00	2.29	0
22290014+	22290003	12.95	0 1-	2 ACSR 6/1	0	0	673	261	0	0	0	0.00	2.28	0
D22-29-P068A+	22290013	12.24	15 1-	FUS	0	0	723	268	39	2	61	0.00	2.25	0
22290030+	D22-29-P068A	12.32	15 1-	2 ACSR 6/1	0	0	717	267	39	2	1	0.00	2.25	0
22290008+	22290030	12.39	10 1-	2 ACSR 6/1	0	0	712	266	30	2	1	0.00	2.25	0
22290009+	22290008	12.45	8 1-	2 ACSR 6/1	0	0	707	266	23	1	1	0.00	2.25	0
22290016+	22290009	12.56	7 1-	2 ACSR 6/1	0	0	700	265	20	1	1	0.00	2.26	0
22290017+	22290016	12.65	6 1-	2 ACSR 6/1	0	0	693	264	16	1	1	0.00	2.26	0
22190005+	22290017	12.70	4 1-	2 ACSR 6/1	0	0	690	263	11	0	0	0.00	2.26	0
22190006+	22190005	12.74	2 1-	2 ACSR 6/1	0	0	687	263	5	0	0	0.00	2.26	0
22190004+	22290017	12.72	0 1-	2 ACSR 6/1	0	0	689	263	0	0	0	0.00	2.26	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22390007+	22390017	10.99	1 1-	2 ACSR 6/1	0	0	829	281	3	0	0	0.00	1.98	0
22390028+	22390018	10.60	4 1-	2 ACSR 6/1	0	0	866	284	14	0	1	0.00	3.42	0
22390032+	22390028	10.68	3 1-	2 ACSR 6/1	0	0	857	283	11	0	0	0.00	3.42	0
22390031+	22390028	10.63	1 1-	2 ACSR 6/1	0	0	862	284	4	0	0	0.00	3.42	0
22390012+	22390014	10.47	1 1-	2 ACSR 6/1	0	0	877	285	3	0	0	0.00	0.68	0
22390009+	22390022	10.39	3 1-	2 ACSR 6/1	0	0	884	286	21	1	1	0.00	0.69	0
22390010+	22390009	10.44	1 1-	2 ACSR 6/1	0	0	879	285	6	0	0	0.00	0.69	0
22390043+	22390041	10.13	0 1-	2 ACSR 6/1	0	0	908	288	0	0	0	0.00	3.28	0
22490002+	22490005	9.70	1 1-	2 ACSR 6/1	0	0	952	291	4	0	0	0.00	1.70	0
22480023+	22480003	9.42	2 1-	2 ACSR 6/1	0	0	982	294	15	1	1	0.00	3.06	0
22480011+	22480003	9.40	2 1-	2 ACSR 6/1	0	0	985	294	14	0	1	0.00	3.06	0
22480015+	22480013	8.41	2 1-	2 ACSR 6/1	0	0	1109	302	7	0	0	0.00	1.42	0
22480039+	20852205	8.10	1 3-	1/0 ACSR 6/1	1642	1456	1156	305	7	0	0	0.00	1.50	0
22560031+	22560023	6.51	2 1-	2 ACSR 6/1	0	0	1463	319	11	0	0	0.00	0.99	0
22560032+	22560031	6.57	1 1-	2 ACSR 6/1	0	0	1445	318	6	0	0	0.00	1.00	0
22550018+	22550017	5.07	4 1-	2 ACSR 6/1	0	0	1919	333	24	1	1	0.00	0.66	0
22550019+	22550018	5.12	2 1-	2 ACSR 6/1	0	0	1895	332	10	0	0	0.00	0.66	0
22550020+	22550019	5.17	1 1-	2 ACSR 6/1	0	0	1874	332	6	0	0	0.00	0.66	0
22550015+	22550013	4.98	2 1-	2 ACSR 6/1	0	0	1957	334	6	0	0	0.00	1.17	0
22550016+	22550015	5.03	1 1-	2 ACSR 6/1	0	0	1932	333	6	0	0	0.00	1.17	0
22540027+	22540026	4.40	2 1-	2 ACSR 6/1	0	0	2213	338	7	0	0	0.00	0.53	0
22540020+	22540049	4.26	2 1-	2 ACSR 6/1	0	0	2285	340	9	0	0	0.00	0.51	0
22540041+	22540020	4.30	1 1-	2 ACSR 6/1	0	0	2257	339	9	0	0	0.00	0.51	0
22540040+	22540020	4.29	1 1-	2 ACSR 6/1	0	0	2267	339	1	0	0	0.00	0.51	0
22540044+	22540021	3.71	1 1-	2 ACSR 6/1	0	0	2588	343	2	0	0	0.00	0.41	0
22540038+	22540043	3.56	2 1-	2 ACSR 6/1	0	0	2684	344	13	0	0	0.00	0.39	0
22540037+	22540038	3.61	1 1-	2 ACSR 6/1	0	0	2643	343	0	0	0	0.00	0.39	0
22540036+	22540033	2.91	0 1-	2 ACSR 6/1	0	0	3116	347	5	0	0	0.00	0.14	0
22630006+	22630016	2.12	0 1-	2 ACSR 6/1	0	0	3824	350	0	0	0	0.00	0.21	0

CKT 1 total losses: \$2,578

SUB	0, CKT 2													
0CD163+	FRACKES	0.00	827 3-	BK2102	9827	9884	10016	360	5943	132	33	0.00	0.00	0
OH167+	0CD163	0.14	827 3-	336 ACSR 18/1	9276	9249	9120	359	5943	132	25	0.05	0.05	215
22840009+	OH167	0.16	827 3-	336 ACSR 18/1	9183	9143	8975	359	5941	132	25	0.01	0.06	38
D22-84-P050+	22840009	0.16	1 1-	FUS	0	0	8976	359	8	0	12	0.00	0.08	0
22840056+	D22-84-P050	0.20	1 1-	2 ACSR 6/1	0	0	8689	358	8	0	0	0.00	0.08	0
22840026+	22840009	0.95	826 3-	336 ACSR 18/1	6916	6634	5897	356	5933	132	25	0.27	0.38	1236
22840027+	22840026	1.20	823 3-	336 ACSR 18/1	6403	6095	5308	355	5914	132	25	0.09	0.48	393
D22-84-P067+	22840027	1.20	107 1-	REC-50-E	0	0	5308	355	459	30	62	0.00	0.59	0
22840010+	D22-84-P067	1.31	107 1-	2 ACSR 6/1	0	0	4965	353	459	30	17	0.05	0.64	19
22840040+	22840010	1.36	1 1-	2 ACSR 6/1	0	0	4807	352	7	0	0	0.00	0.64	0
22840033+	22840010	1.39	106 1-	2 ACSR 6/1	0	0	4717	352	452	30	17	0.04	0.68	14
22840022+	22840033	1.53	98 1-	2 ACSR 6/1	0	0	4362	350	399	26	15	0.06	0.73	17
22840023+	22840022	1.61	97 1-	2 ACSR 6/1	0	0	4180	349	395	26	15	0.03	0.77	10
D22-84-P004+	22840023	1.61	1 1-	FUS-20	0	0	4180	349	6	0	2	0.00	0.77	0
22840054+	D22-84-P004	1.70	1 1-	2 ACSR 6/1	0	0	3989	347	6	0	0	0.00	0.77	0
22840024+	22840054	1.78	1 1-	2 ACSR 6/1	0	0	3827	346	6	0	0	0.00	0.77	0
22840011+	22840023	1.64	96 1-	2 ACSR 6/1	0	0	4104	348	389	26	15	0.01	0.78	4
D22-84-P085+	22840011	1.64	3 1-	FUS-20	0	0	4104	348	13	0	5	0.00	0.78	0
22840053+	D22-84-P085	1.72	3 1-	2 ACSR 6/1	0	0	3939	347	13	0	1	0.00	0.78	0
22840041+	22840053	1.95	1 1-	2 ACSR 6/1	0	0	3510	344	2	0	0	0.00	0.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22840025+	22840053	1.80	1 1-	2 ACSR 6/1	0	0	3788	346	6	0	0	0.00	0.78	0
22840043+	22840011	1.77	93 1-	2 ACSR 6/1	0	0	3850	346	375	25	14	0.05	0.83	14
22840044+	22840043	1.86	91 1-	2 ACSR 6/1	0	0	3680	345	367	24	14	0.03	0.86	9
22840061+	22840044	1.94	0 1-	2 ACSR 6/1	0	0	3538	344	0	0	0	0.00	0.86	0
22840014+	22840044	2.22	90 1-	2 ACSR 6/1	0	0	3111	340	357	24	13	0.13	0.99	37
22930007+	22840014	2.32	90 1-	2 ACSR 6/1	0	0	2979	338	357	24	13	0.04	1.03	10
22930008+	22930007	2.41	87 1-	2 ACSR 6/1	0	0	2872	337	351	23	13	0.03	1.06	9
22930002+	22930008	2.47	86 1-	2 ACSR 6/1	0	0	2807	336	350	23	13	0.02	1.08	6
22930003+	22930002	2.53	85 1-	2 ACSR 6/1	0	0	2744	335	342	23	13	0.02	1.10	5
22930009+	22930003	2.66	83 1-	2 ACSR 6/1	0	0	2608	334	338	22	13	0.05	1.15	12
22930010+	22930009	2.75	81 1-	2 ACSR 6/1	0	0	2527	332	331	22	12	0.03	1.18	8
22930011+	22930010	2.91	80 1-	2 ACSR 6/1	0	0	2394	330	329	22	12	0.05	1.23	13
22930006+	22930011	2.96	1 1-	2 ACSR 6/1	0	0	2347	329	0	0	0	0.00	1.23	0
22930005+	22930011	2.98	78 1-	2 ACSR 6/1	0	0	2332	329	320	21	12	0.03	1.26	6
28030014+	22930005	3.03	3 1-	2 ACSR 6/1	0	0	2294	328	8	0	0	0.00	1.26	0
28030016+	28030014	3.09	1 1-	2 ACSR 6/1	0	0	2254	328	7	0	0	0.00	1.26	0
28030015+	28030014	3.07	1 1-	2 ACSR 6/1	0	0	2268	328	0	0	0	0.00	1.26	0
28030005+	22930005	3.03	75 1-	2 ACSR 6/1	0	0	2294	328	312	21	12	0.02	1.27	4
28030006+	28030005	3.09	75 1-	2 ACSR 6/1	0	0	2253	328	312	21	12	0.02	1.29	4
D28-03-P003+	28030006	3.09	75 1-	FUS	0	0	2253	328	312	21	480	0.00	1.29	0
28030004+	D28-03-P003	3.14	75 1-	2 ACSR 6/1	0	0	2219	327	312	21	12	0.02	1.30	4
28030007+	28030004	3.34	75 1-	2 ACSR 6/1	0	0	2084	324	312	21	12	0.06	1.37	16
28030008+	28030007	3.40	73 1-	2 ACSR 6/1	0	0	2044	324	308	20	12	0.02	1.39	5
28030010+	28030008	3.47	2 1-	2 ACSR 6/1	0	0	2005	323	6	0	0	0.00	1.39	0
28030009+	28030008	3.59	71 1-	2 ACSR 6/1	0	0	1936	321	302	20	11	0.06	1.45	14
20851289+	28030009	3.94	2 1-	2 ACSR 6/1	0	0	1765	317	8	0	0	0.00	1.45	0
28130004+	28030009	4.04	69 1-	2 ACSR 6/1	0	0	1717	315	294	19	11	0.14	1.59	32
28130010+	28130004	4.43	7 1-	2 ACSR 6/1	0	0	1566	311	37	2	1	0.01	1.60	0
28130011+	28130010	4.50	6 1-	2 ACSR 6/1	0	0	1542	310	27	1	1	0.00	1.60	0
20851292+	28130011	4.65	5 1-	2 ACSR 6/1	0	0	1491	308	26	1	1	0.00	1.61	0
20851295+	20851292	4.68	1 1-	2 ACSR 6/1	0	0	1480	307	2	0	0	0.00	1.61	0
28130013+	20851292	4.83	0 1-	2 ACSR 6/1	0	0	1433	306	0	0	0	0.00	1.61	0
20851296+	20851292	4.68	4 1-	2 ACSR 6/1	0	0	1482	307	24	1	1	0.00	1.61	0
20851298+	20851296	4.80	1 1-	2 ACSR 6/1	0	0	1443	306	1	0	0	0.00	1.61	0
20851297+	20851296	4.72	1 1-	2 ACSR 6/1	0	0	1469	307	8	0	0	0.00	1.61	0
28130012+	28130010	4.48	1 1-	2 ACSR 6/1	0	0	1548	310	9	0	0	0.00	1.60	0
28130003+	28130004	4.37	62 1-	2 ACSR 6/1	0	0	1589	311	257	17	10	0.08	1.67	17
28130017+	28130003	4.48	1 1-	2 ACSR 6/1	0	0	1547	310	6	0	0	0.00	1.67	0
28130016+	28130003	4.46	61 1-	2 ACSR 6/1	0	0	1556	310	250	16	9	0.02	1.69	5
20851290+	28130016	4.52	1 1-	2 ACSR 6/1	0	0	1534	309	5	0	0	0.00	1.69	0
28130014+	28130016	4.59	60 1-	2 ACSR 6/1	0	0	1510	309	246	16	9	0.03	1.73	7
282300026+	28130014	4.63	8 1-	2 ACSR 6/1	0	0	1496	308	36	2	1	0.00	1.73	0
282300030+	28230026	4.71	7 1-	2 ACSR 6/1	0	0	1472	307	30	2	1	0.00	1.73	0
282300027+	28230030	4.88	6 1-	2 ACSR 6/1	0	0	1419	305	26	1	1	0.00	1.74	0
282300033+	28230027	5.42	4 1-	2 ACSR 6/1	0	0	1275	299	15	1	1	0.01	1.74	0
281200003+	28230033	5.61	4 1-	2 ACSR 6/1	0	0	1232	297	15	1	1	0.00	1.75	0
20851287+	28120003	5.68	3 1-	2 ACSR 6/1	0	0	1216	296	10	0	0	0.00	1.75	0
20851288+	20851287	5.85	2 1-	2 ACSR 6/1	0	0	1180	294	8	0	0	0.00	1.75	0
281200002+	28120003	5.80	1 1-	2 ACSR 6/1	0	0	1190	294	4	0	0	0.00	1.75	0
282300028+	28230027	4.99	2 1-	2 ACSR 6/1	0	0	1389	304	11	0	0	0.00	1.74	0
282300025+	28230028	5.05	1 1-	2 ACSR 6/1	0	0	1369	303	0	0	0	0.00	1.74	0
282300032+	28130014	4.65	50 1-	2 ACSR 6/1	0	0	1491	308	205	13	8	0.01	1.74	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
28230022+	28230032	4.83	49 1-	2 ACSR 6/1	0	0	1434	306	187	12	7	0.04	1.77	5
28230024+	28230022	4.96	1 1-	2 ACSR 6/1	0	0	1396	304	6	0	0	0.00	1.77	0
28230023+	28230022	4.88	48 1-	2 ACSR 6/1	0	0	1419	305	181	12	7	0.01	1.78	1
D28-23-P019+	28230023	4.88	44 1-	REC-25-E	0	0	1419	305	172	11	46	0.00	1.78	0
28230018+	D28-23-P019	4.98	44 1-	2 ACSR 6/1	0	0	1391	304	172	11	6	0.02	1.80	2
28230020+	28230018	5.63	43 1-	2 ACSR 6/1	0	0	1228	296	164	11	6	0.11	1.91	14
28230021+	28230020	5.67	42 1-	2 ACSR 6/1	0	0	1218	296	160	10	6	0.01	1.92	0
28230019+	28230021	6.24	41 1-	2 ACSR 6/1	0	0	1105	289	153	10	6	0.09	2.01	11
28340044+	28230019	6.33	37 1-	2 ACSR 6/1	0	0	1090	289	146	9	6	0.01	2.02	1
28340014+	28340044	6.39	30 1-	2 ACSR 6/1	0	0	1078	288	125	8	5	0.01	2.03	0
28340016+	28340014	6.50	2 1-	2 ACSR 6/1	0	0	1060	287	13	0	1	0.00	2.03	0
28340052+	28340016	6.56	1 1-	2 ACSR 6/1	0	0	1051	286	3	0	0	0.00	2.03	0
28340053+	28340052	6.65	1 1-	2 ACSR 6/1	0	0	1035	285	3	0	0	0.00	2.03	0
28340054+	28340053	6.77	1 1-	2 ACSR 6/1	0	0	1018	284	3	0	0	0.00	2.03	0
28340009+	28340054	6.80	1 1-	2 ACSR 6/1	0	0	1012	283	3	0	0	0.00	2.03	0
28340006+	28340054	7.16	0 1-	2 ACSR 6/1	0	0	961	280	0	0	0	0.00	2.03	0
28340015+	28340014	6.46	25 1-	2 ACSR 6/1	0	0	1067	287	97	6	4	0.01	2.03	0
28340013+	28340015	6.49	24 1-	2 ACSR 6/1	0	0	1062	287	90	6	3	0.00	2.04	0
28340010+	28340013	6.57	22 1-	2 ACSR 6/1	0	0	1049	286	86	5	3	0.01	2.04	0
28340019+	28340010	6.60	21 1-	2 ACSR 6/1	0	0	1044	286	83	5	3	0.00	2.05	0
28340020+	28340019	6.65	21 1-	2 ACSR 6/1	0	0	1037	285	83	5	3	0.00	2.05	0
28340026+	28340020	6.69	0 1-	2 ACSR 6/1	0	0	1029	285	0	0	0	0.00	2.05	0
28340024+	28340020	6.72	20 1-	2 ACSR 6/1	0	0	1025	284	76	5	3	0.01	2.05	0
28340025+	28340024	6.81	19 1-	2 ACSR 6/1	0	0	1011	283	75	5	3	0.01	2.06	0
28340022+	28340025	6.85	3 1-	2 ACSR 6/1	0	0	1005	283	9	0	0	0.00	2.06	0
28340023+	28340022	6.95	3 1-	2 ACSR 6/1	0	0	990	282	9	0	0	0.00	2.06	0
28340021+	28340025	6.85	1 1-	2 ACSR 6/1	0	0	1006	283	2	0	0	0.00	2.06	0
28340050+	28340025	6.88	15 1-	2 ACSR 6/1	0	0	1001	283	65	4	2	0.00	2.07	0
28340051+	28340050	6.94	14 1-	2 ACSR 6/1	0	0	992	282	59	4	2	0.00	2.07	0
28340045+	28340051	6.99	2 1-	2 ACSR 6/1	0	0	984	281	6	0	0	0.00	2.07	0
28340046+	28340045	7.04	1 1-	2 ACSR 6/1	0	0	977	281	4	0	0	0.00	2.07	0
28340041+	28340051	7.02	12 1-	2 ACSR 6/1	0	0	981	281	53	3	2	0.00	2.07	0
28340042+	28340041	7.06	10 1-	2 ACSR 6/1	0	0	975	281	41	2	2	0.00	2.08	0
28340047+	28340042	7.11	1 1-	2 ACSR 6/1	0	0	968	280	10	0	0	0.00	2.08	0
28340011+	28340042	7.10	8 1-	2 ACSR 6/1	0	0	969	280	27	1	1	0.00	2.08	0
28340012+	28340011	7.12	7 1-	2 ACSR 6/1	0	0	966	280	22	1	1	0.00	2.08	0
28440006+	28340012	7.18	2 1-	2 ACSR 6/1	0	0	958	280	9	0	0	0.00	2.08	0
28440010+	28340012	7.19	2 1-	2 ACSR 6/1	0	0	957	279	5	0	0	0.00	2.08	0
28440009+	28440010	7.25	2 1-	2 ACSR 6/1	0	0	949	279	5	0	0	0.00	2.08	0
28440008+	28440009	7.59	1 1-	2 ACSR 6/1	0	0	906	275	4	0	0	0.00	2.08	0
28440007+	28340012	7.19	3 1-	2 ACSR 6/1	0	0	956	279	9	0	0	0.00	2.08	0
28340008+	28440007	7.28	2 1-	2 ACSR 6/1	0	0	944	278	7	0	0	0.00	2.08	0
28340049+	28340044	6.38	6 1-	2 ACSR 6/1	0	0	1080	288	19	1	1	0.00	2.02	0
28340018+	28340049	6.43	4 1-	2 ACSR 6/1	0	0	1071	287	14	0	1	0.00	2.02	0
28340017+	28340018	6.48	3 1-	2 ACSR 6/1	0	0	1063	287	11	0	0	0.00	2.02	0
28340007+	28230019	6.30	4 1-	2 ACSR 6/1	0	0	1094	289	6	0	0	0.00	2.01	0
28340048+	28340007	6.58	2 1-	2 ACSR 6/1	0	0	1047	286	1	0	0	0.00	2.01	0
28330004+	28340048	6.67	1 1-	2 ACSR 6/1	0	0	1032	285	0	0	0	0.00	2.01	0
28330003+	28330004	6.74	1 1-	2 ACSR 6/1	0	0	1022	284	0	0	0	0.00	2.01	0
28340043+	28340007	6.36	2 1-	2 ACSR 6/1	0	0	1084	288	6	0	0	0.00	2.01	0
D28-23-P019A+	28230023	4.88	2 1-	REC-25-E	0	0	1419	305	4	0	1	0.00	1.78	0
28230017+	D28-23-P019A	5.01	2 1-	2 ACSR 6/1	0	0	1382	304	4	0	0	0.00	1.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
28230031+	28130014	4.77	2 1-	2 ACSR 6/1	0	0	1451	306	4	0	0	0.00	1.73	0
28230029+	28230031	4.82	1 1-	2 ACSR 6/1	0	0	1438	306	4	0	0	0.00	1.73	0
28030003+	28030004	3.17	0 1-	2 ACSR 6/1	0	0	2192	327	0	0	0	0.00	1.30	0
22930004+	22930003	2.59	2 1-	2 ACSR 6/1	0	0	2684	335	4	0	0	0.00	1.10	0
22840013+	22840033	1.45	5 1-	2 ACSR 6/1	0	0	4575	351	33	2	1	0.00	0.68	0
22840042+	22840013	1.50	3 1-	2 ACSR 6/1	0	0	4434	350	18	1	1	0.00	0.68	0
22840018+	22840013	1.59	2 1-	2 ACSR 6/1	0	0	4233	349	15	1	1	0.00	0.68	0
22840019+	22840018	1.62	1 1-	2 ACSR 6/1	0	0	4150	348	8	0	0	0.00	0.68	0
22840012+	22840013	1.52	0 1-	2 ACSR 6/1	0	0	4385	350	0	0	0	0.00	0.68	0
22840028+	22840027	1.34	716 3-	336 ACSR 18/1	6131	5811	5008	354	5451	121	23	0.07	0.53	200
22840029+	22840028	1.43	715 3-	336 ACSR 18/1	5980	5656	4845	354	5444	121	23	0.04	0.57	118
22840030+	22840029	1.50	715 3-	336 ACSR 18/1	5876	5550	4736	353	5443	121	23	0.03	0.59	84
D22-84-P017+	22840030	1.50	2 1-	FUS-20	0	0	4736	353	14	0	5	0.00	0.53	0
22840055+	D22-84-P017	1.55	2 1-	2 ACSR 6/1	0	0	4606	353	14	0	1	0.00	0.53	0
22840052+	22840055	1.58	1 1-	2 ACSR 6/1	0	0	4519	352	5	0	0	0.00	0.53	0
22840051+	22840055	1.76	1 1-	2 ACSR 6/1	0	0	4108	350	9	0	0	0.00	0.53	0
22840031+	22840030	1.63	713 3-	336 ACSR 18/1	5671	5340	4522	353	5428	121	23	0.06	0.64	176
22840032+	22840031	1.71	712 3-	336 ACSR 18/1	5544	5212	4391	353	5424	121	23	0.04	0.67	115
REG171+	22840032	1.71	712 3-	REGU-114.3	0	0	0	0	5423	121	81	-0.65	0.00	0
D22-84-P020+	REG171	1.71	7 1-	FUS	0	0	4391	353	35	2	54	0.00	0.00	0
22840035+	D22-84-P020	1.76	7 1-	2 ACSR 6/1	0	0	4289	352	35	2	1	0.00	0.00	0
22840036+	22840035	1.85	7 1-	2 ACSR 6/1	0	0	4092	350	35	2	1	0.00	0.00	0
22840037+	22840036	1.89	1 1-	2 ACSR 6/1	0	0	4021	350	7	0	0	0.00	0.01	0
22840007+	22840036	1.92	6 1-	2 ACSR 6/1	0	0	3964	350	28	1	1	0.00	0.01	0
22840038+	22840007	1.99	1 1-	2 ACSR 6/1	0	0	3823	348	9	0	0	0.00	0.01	0
22840039+	22840038	2.08	0 1-	2 ACSR 6/1	0	0	3670	347	0	0	0	0.00	0.01	0
22840021+	22840007	2.05	5 1-	2 ACSR 6/1	0	0	3719	348	20	1	1	0.00	0.01	0
22840034+	22840021	2.14	4 1-	2 ACSR 6/1	0	0	3571	346	10	0	0	0.00	0.01	0
22840059+	REG171	1.75	705 3-	336 ACSR 18/1	5487	5154	4334	352	5387	119	23	0.02	0.01	52
22840060+	22840059	1.87	704 3-	336 ACSR 18/1	5327	4992	4173	352	5380	119	23	0.05	0.06	152
CAP172+	22840060	1.87	703 3-	Capacitor	0	0	0	0	5371	119	0	0.00	0.06	0
20850113+	CAP172	1.97	498 3-	1/0 ACSR 6/1	5132	4793	3994	351	4438	99	43	0.09	0.14	291
22850042+	20850113	2.17	497 3-	1/0 ACSR 6/1	4778	4434	3677	349	4427	99	43	0.18	0.32	574
D22-85-P122+	22850042	2.17	0 1-	FUS	0	0	3677	349	0	0	0	0.00	0.34	0
22850081+	D22-85-P122	2.25	0 1-	2 ACSR 6/1	0	0	3553	348	0	0	0	0.00	0.34	0
22850037+	22850042	2.22	3 1-	2 ACSR 6/1	0	0	3606	348	34	2	1	0.00	0.33	0
22850026+	22850042	2.22	494 3-	1/0 ACSR 6/1	4700	4356	3609	348	4388	98	43	0.04	0.36	134
22850038+	22850026	2.26	8 1-	2 ACSR 6/1	0	0	3554	348	36	2	1	0.00	0.38	0
22850039+	22850038	2.31	7 1-	2 ACSR 6/1	0	0	3469	347	27	1	1	0.00	0.39	0
22850084+	22850039	2.42	3 1-	2 ACSR 6/1	0	0	3308	345	16	1	1	0.00	0.39	0
22850036+	22850084	2.46	3 1-	2 ACSR 6/1	0	0	3256	345	16	1	1	0.00	0.39	0
22850027+	22850026	2.27	486 3-	1/0 ACSR 6/1	4625	4281	3543	348	4351	98	43	0.04	0.40	130
22850040+	22850027	2.33	486 3-	1/0 ACSR 6/1	4525	4181	3457	347	4349	98	43	0.06	0.45	179
22850082+	22850040	2.37	2 3-	2 ACSR 6/1	4465	4120	3406	347	342	8	5	0.00	0.46	0
22850083+	22850082	2.41	2 3- 25 KV	1/0 URD X	4427	4083	3378	853	342	8	4	0.00	0.46	1
22850420+	22850083	2.41	2 3-	Consumer	4427	4083	3378	853	342	8	0	0.00	0.46	0
22850043+	22850040	2.42	484 3-	1/0 ACSR 6/1	4395	4052	3346	346	4005	90	39	0.07	0.52	205
22850047+	22850043	2.57	4 1-	2 ACSR 6/1	0	0	3147	344	21	1	1	0.00	0.54	0
D22-85-P014+	22850047	2.57	1 1-	FUS-15	0	0	3147	344	3	0	2	0.00	0.54	0
22850076+	D22-85-P014	2.77	1 1-	2 ACSR 6/1	0	0	2902	341	3	0	0	0.00	0.54	0
22850067+	22850047	2.62	1 1-	2 ACSR 6/1	0	0	3086	343	7	0	0	0.00	0.54	0
22850023+	22850043	2.54	478 3-	1/0 ACSR 6/1	4228	3887	3205	345	3867	87	38	0.09	0.61	258

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D22-85-P080+	22850023	2.54	0 1-	FUS	0	0	3205	345	0	0	0	0.00	0.64	0
22850080+	D22-85-P080	2.70	0 1-	2 ACSR 6/1	0	0	3002	343	0	0	0	0.00	0.64	0
22850058+	22850023	2.57	478 3-	1/0 ACSR 6/1	4192	3852	3176	345	3864	87	38	0.02	0.63	57
22850048+	22850058	2.66	477 3-	1/0 ACSR 6/1	4066	3728	3071	344	3853	86	38	0.07	0.70	208
22850049+	22850048	2.69	476 3-	1/0 ACSR 6/1	4035	3698	3045	344	3844	86	38	0.02	0.72	53
22850032+	22850049	2.76	471 3-	1/0 ACSR 6/1	3950	3615	2976	343	3747	84	37	0.05	0.77	140
D22-85-P039+	22850032	2.76	3 1-	FUS-20	0	0	2976	343	25	1	9	0.00	0.81	0
22850078+	D22-85-P039	2.83	3 1-	2 ACSR 6/1	0	0	2898	342	25	1	1	0.00	0.81	0
22850033+	22850078	2.87	2 1-	2 ACSR 6/1	0	0	2856	341	19	1	1	0.00	0.81	0
22850034+	22850033	2.92	1 1-	2 ACSR 6/1	0	0	2795	341	11	0	0	0.00	0.81	0
22850063+	22850032	2.83	466 3-	1/0 ACSR 6/1	3866	3533	2907	342	3711	83	36	0.05	0.82	142
22850065+	22850063	2.92	4 1-	2 ACSR 6/1	0	0	2813	341	23	1	1	0.00	0.87	0
22850064+	22850063	2.89	460 3-	1/0 ACSR 6/1	3795	3465	2850	342	3676	82	36	0.05	0.86	122
22850054+	22850064	2.97	458 3-	1/0 ACSR 6/1	3711	3383	2782	341	3665	82	36	0.06	0.92	150
D22-85-P053+	22850054	2.97	3 1-	FUS-20	0	0	2782	341	16	1	6	0.00	0.97	0
22850079+	D22-85-P053	3.01	3 1-	2 ACSR 6/1	0	0	2744	340	16	1	1	0.00	0.97	0
22850055+	22850079	3.05	2 1-	2 ACSR 6/1	0	0	2696	340	15	1	1	0.00	0.97	0
22850057+	22850055	3.19	1 1-	2 ACSR 6/1	0	0	2568	338	10	0	0	0.00	0.97	0
22850056+	22850055	3.10	1 1-	2 ACSR 6/1	0	0	2652	339	5	0	0	0.00	0.97	0
22850061+	22850054	3.02	455 3-	1/0 ACSR 6/1	3660	3334	2741	340	3647	82	36	0.03	0.95	92
22850062+	22850061	3.06	454 3-	1/0 ACSR 6/1	3613	3289	2703	340	3638	82	36	0.03	0.98	87
D22-85-P057+	22850062	3.06	5 1-	FUS	0	0	2703	340	28	1	43	0.00	0.91	0
22850059+	D22-85-P057	3.11	5 1-	2 ACSR 6/1	0	0	2660	339	28	1	1	0.00	0.91	0
22850060+	22850059	3.17	4 1-	2 ACSR 6/1	0	0	2602	338	25	1	1	0.00	0.91	0
20852304+	22850060	3.35	4 1-	2 ACSR 6/1	0	0	2443	336	25	1	1	0.00	0.91	0
20852139+	20852304	3.50	3 1-	2 ACSR 6/1	0	0	2333	334	22	1	1	0.00	0.92	0
22860006+	20852139	3.76	1 1-	2 ACSR 6/1	0	0	2149	330	7	0	0	0.00	0.92	0
22860007+	22860006	4.01	1 1-	2 ACSR 6/1	0	0	1999	327	7	0	0	0.00	0.92	0
22860008+	20852139	3.54	1 1-	2 ACSR 6/1	0	0	2303	333	6	0	0	0.00	0.92	0
22860003+	20852139	3.55	1 1-	2 ACSR 6/1	0	0	2295	333	9	0	0	0.00	0.92	0
22850068+	22850062	3.14	449 3-	1/0 ACSR 6/1	3533	3211	2639	339	3609	81	35	0.06	1.04	152
22750008+	22850068	3.22	448 3-	1/0 ACSR 6/1	3452	3134	2575	338	3597	81	35	0.06	1.10	157
D22-75-P002+	22750008	3.22	5 1-	FUS	0	0	2575	338	33	2	51	0.00	1.01	0
22750016+	D22-75-P002	3.30	5 1-	2 ACSR 6/1	0	0	2510	337	33	2	1	0.00	1.01	0
22750010+	22750016	3.38	4 1-	2 ACSR 6/1	0	0	2444	336	23	1	1	0.00	1.01	0
22750011+	22750010	3.46	2 1-	2 ACSR 6/1	0	0	2380	335	13	0	0	0.00	1.01	0
22750012+	22750011	3.54	1 1-	2 ACSR 6/1	0	0	2323	334	6	0	0	0.00	1.01	0
22750013+	22750008	3.31	443 3-	1/0 ACSR 6/1	3371	3056	2511	338	3563	80	35	0.06	1.16	164
22750004+	22750013	3.41	441 3-	1/0 ACSR 6/1	3287	2976	2444	337	3554	80	35	0.07	1.22	176
22750005+	22750004	3.45	440 3-	1/0 ACSR 6/1	3247	2938	2413	336	3545	80	35	0.03	1.25	87
22750007+	22750005	3.51	439 3-	1/0 ACSR 6/1	3201	2894	2376	336	3539	80	35	0.04	1.29	103
D22-76-P001+	22750007	3.51	439 3-	ER3-RVE-200/100	3201	2894	2376	336	3538	80	35	0.00	1.29	0
20850048+	D22-76-P001	3.53	439 3-	1/0 ACSR 6/1	3180	2875	2361	335	3538	80	35	0.02	1.31	46
20850016+	20850048	3.63	1 1-	2 ACSR 6/1	0	0	2294	334	6	0	0	0.00	1.20	0
20850047+	20850048	3.76	438 3-	1/0 ACSR 6/1	3007	2711	2226	333	3531	79	35	0.16	1.46	413
20850017+	20850047	3.93	0 1-	2 ACSR 6/1	0	0	2115	331	0	0	0	0.00	1.54	0
22760018+	20850047	3.82	438 3-	1/0 ACSR 6/1	2966	2672	2194	333	3527	79	35	0.04	1.50	105
22760019+	22760018	3.86	438 3-	1/0 ACSR 6/1	2934	2642	2169	332	3526	79	35	0.03	1.53	84
D22-76-P020+	22760019	3.86	5 1-	FUS	0	0	2169	332	22	1	34	0.00	1.62	0
20850018+	D22-76-P020	3.88	5 1-	2 ACSR 6/1	0	0	2159	332	22	1	1	0.00	1.62	0
20850019+	20850018	4.02	4 1-	2 ACSR 6/1	0	0	2073	330	13	0	0	0.00	1.62	0
20850021+	20850019	4.12	1 1-	2 ACSR 6/1	0	0	2016	329	1	0	0	0.00	1.62	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850020+	20850019	4.06	1 1-	2 ACSR 6/1	0	0	2048	329	3	0	0	0.00	1.62	0
22760020+	22760019	3.93	433 3-	1/0 ACSR 6/1	2890	2601	2136	332	3503	79	35	0.04	1.57	114
20850022+	22760020	3.96	1 1-	2 ACSR 6/1	0	0	2114	331	9	0	0	0.00	1.66	0
22760045+	22760020	3.96	6 1-	2 ACSR 6/1	0	0	2117	331	29	1	1	0.00	1.63	0
22760051+	22760045	4.09	5 1-	2 ACSR 6/1	0	0	2034	329	26	1	1	0.00	1.63	0
22760052+	22760051	4.13	4 1-	2 ACSR 6/1	0	0	2015	329	17	1	1	0.00	1.63	0
22760023+	22760020	4.03	426 3-	1/0 ACSR 6/1	2818	2533	2080	331	3464	78	34	0.08	1.65	193
20850150+	22760023	4.06	425 3-	1/0 ACSR 6/1	2800	2516	2066	330	3451	78	34	0.02	1.67	50
20850151+	20850150	4.18	424 3-	1/0 ACSR 6/1	2727	2448	2010	329	3442	78	34	0.08	1.74	204
22760044+	20850151	4.23	1 1-	2 ACSR 6/1	0	0	1983	328	6	0	0	0.00	1.80	0
22760029+	22760044	4.31	0 1-	2 ACSR 6/1	0	0	1940	327	0	0	0	0.00	1.80	0
22760027+	20850151	4.21	423 3-	1/0 ACSR 6/1	2708	2430	1996	329	3435	77	34	0.02	1.76	56
22760030+	22760027	4.35	422 3-	1/0 ACSR 6/1	2628	2355	1934	328	3427	77	34	0.10	1.86	239
D22-76-P026+	22760030	4.35	1 1-	FUS-4/0	0	0	1934	328	12	0	2	0.00	1.92	0
22760031+	D22-76-P026	4.45	1 1-	2 ACSR 6/1	0	0	1883	326	12	0	0	0.00	1.92	0
22760032+	22760030	4.45	421 3-	1/0 ACSR 6/1	2573	2304	1893	327	3414	77	34	0.07	1.92	169
22760033+	22760032	4.59	420 3-	1/0 ACSR 6/1	2496	2232	1834	325	3411	77	34	0.10	2.02	252
D22-76-P029+	22760033	4.59	7 1-	FUS	0	0	1834	325	29	1	45	0.00	2.09	0
22760048+	D22-76-P029	4.75	7 1-	2 ACSR 6/1	0	0	1765	323	29	1	1	0.00	2.09	0
22660001+	22760048	4.80	7 1-	2 ACSR 6/1	0	0	1741	322	29	1	1	0.00	2.10	0
22660009+	22660001	4.86	3 1-	2 ACSR 6/1	0	0	1719	322	17	1	1	0.00	2.10	0
22660010+	22660009	4.93	1 1-	2 ACSR 6/1	0	0	1690	321	7	0	0	0.00	2.10	0
22660002+	22660001	4.83	3 1-	2 ACSR 6/1	0	0	1731	322	6	0	0	0.00	2.10	0
22660003+	22660002	4.85	2 1-	2 ACSR 6/1	0	0	1721	322	6	0	0	0.00	2.10	0
22660004+	22660003	4.90	1 1-	2 ACSR 6/1	0	0	1703	321	0	0	0	0.00	2.10	0
22760034+	22760033	4.66	412 3-	1/0 ACSR 6/1	2460	2199	1807	325	3378	76	33	0.05	2.06	121
22760036+	22760034	4.70	411 3-	1/0 ACSR 6/1	2442	2182	1793	324	3370	76	33	0.03	2.09	62
22760037+	22760036	4.77	409 3-	1/0 ACSR 6/1	2411	2154	1770	324	3356	76	33	0.04	2.13	107
22760038+	22760037	4.85	2 1-	2 ACSR 6/1	0	0	1734	323	8	0	0	0.00	2.26	0
22760021+	22760037	4.81	407 3-	1/0 ACSR 6/1	2392	2136	1756	323	3347	76	33	0.03	2.15	67
22760028+	22760021	4.81	397 3-	1/0 ACSR 6/1	2388	2132	1752	323	3288	74	33	0.01	2.16	15
22760043+	22760028	4.84	396 3-	1/0 ACSR 6/1	2376	2121	1743	323	3286	74	33	0.02	2.18	41
22760047+	22760043	4.88	396 3-	1/0 ACSR 6/1	2359	2105	1730	323	3286	74	33	0.02	2.20	59
22770024+	22760047	4.93	2 1-	2 ACSR 6/1	0	0	1709	322	17	1	1	0.00	2.33	0
22770022+	22770024	5.00	1 1-	2 ACSR 6/1	0	0	1682	321	9	0	0	0.00	2.33	0
22770025+	22760047	4.99	386 3-	1/0 ACSR 6/1	2310	2060	1694	322	3221	73	32	0.07	2.27	167
22770040+	22770025	5.06	3 1-	2 ACSR 6/1	0	0	1665	321	16	1	1	0.00	2.35	0
22770026+	22770025	5.07	382 3-	1/0 ACSR 6/1	2272	2025	1665	321	3196	72	32	0.06	2.32	131
22670052+	22770026	5.10	5 1-	2 ACSR 6/1	0	0	1653	320	37	2	1	0.00	2.40	0
22670025+	22670052	5.13	3 1-	2 ACSR 6/1	0	0	1642	320	24	1	1	0.00	2.40	0
22670026+	22670025	5.16	2 1-	2 ACSR 6/1	0	0	1632	320	18	1	1	0.00	2.40	0
22670027+	22670026	5.24	0 1-	2 ACSR 6/1	0	0	1604	319	0	0	0	0.00	2.40	0
22670083+	22670052	5.12	2 1-	2 ACSR 6/1	0	0	1647	320	14	0	1	0.00	2.40	0
22670084+	22670083	5.16	1 1-	2 ACSR 6/1	0	0	1631	320	7	0	0	0.00	2.40	0
22670014+	22770026	5.17	377 3-	1/0 ACSR 6/1	2232	1988	1635	320	3158	72	31	0.06	2.38	144
22670018+	22670014	5.23	111 3-	1/0 ACSR 6/1	2206	1964	1616	319	669	15	7	0.01	2.39	5
22770027+	22670018	5.25	109 3-	1/0 ACSR 6/1	2198	1957	1610	319	647	14	6	0.00	2.39	1
D22-77-P142+	22770027	5.25	109 3-	RRC-35-E	2198	1957	1610	319	647	14	42	0.00	2.39	0
22770029+	D22-77-P142	5.27	109 3-	1/0 ACSR 6/1	2192	1951	1605	319	647	14	6	0.00	2.39	1
22770030+	22770029	5.31	1 1-	2 ACSR 6/1	0	0	1591	319	7	0	0	0.00	2.47	0
22770028+	22770029	5.39	107 3-	1/0 ACSR 6/1	2145	1908	1570	318	639	14	6	0.02	2.41	8
20850307+	22770028	5.44	6 1-	2 ACSR 6/1	0	0	1551	317	28	1	1	0.00	2.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850308+	20850307	5.46	4 1-	2 ACSR 6/1	0	0	1544	317	19	1	1	0.00	2.49	0
20850306+	20850308	5.51	4 1-	2 ACSR 6/1	0	0	1528	316	19	1	1	0.00	2.49	0
20850125+	22770028	5.41	101 3-	1/0 ACSR 6/1	2137	1901	1564	318	611	13	6	0.00	2.41	1
20850336+	20850125	5.42	100 3-	1/0 ACSR 6/1	2131	1895	1559	318	599	13	6	0.00	2.41	1
20850491+	20850336	5.51	99 3-	1/0 ACSR 6/1	2101	1867	1537	317	592	13	6	0.02	2.42	5
20850492+	20850491	5.57	98 3-	1/0 ACSR 6/1	2077	1846	1519	316	588	13	6	0.01	2.43	4
20850337+	20850492	5.60	97 3-	1/0 ACSR 6/1	2067	1836	1511	316	580	13	6	0.01	2.43	2
20850431+	20850337	5.64	96 3-	1/0 ACSR 6/1	2053	1824	1501	316	570	12	6	0.01	2.44	2
20850409+	20850431	5.66	96 3-	1/0 ACSR 6/1	2044	1816	1495	315	570	12	6	0.01	2.44	2
20850410+	20850409	5.76	95 3-	1/0 ACSR 6/1	2011	1785	1469	315	566	12	6	0.02	2.45	6
20850493+	20850410	5.80	94 3-	1/0 ACSR 6/1	1998	1774	1460	314	560	12	6	0.01	2.45	2
20850494+	20850493	5.94	91 3-	1/0 ACSR 6/1	1953	1733	1427	313	544	12	5	0.03	2.47	8
22770043+	20850494	6.11	91 3-	1/0 ACSR 6/1	1900	1684	1387	311	544	12	5	0.03	2.48	9
22770044+	22770043	6.22	88 3-	1/0 ACSR 6/1	1866	1653	1362	310	530	12	5	0.02	2.50	6
22770045+	22770044	6.28	2 1-	2 ACSR 6/1	0	0	1347	310	15	1	1	0.00	2.56	0
22770046+	22770044	6.33	84 3-	1/0 ACSR 6/1	1836	1626	1340	310	504	11	5	0.02	2.51	5
22770047+	22770046	6.38	17 1-	2 ACSR 6/1	0	0	1326	309	92	6	3	0.00	2.20	0
22770033+	22770047	6.48	8 1-	2 ACSR 6/1	0	0	1303	308	31	2	1	0.00	2.21	0
22770034+	22770033	6.53	1 1-	2 ACSR 6/1	0	0	1290	307	5	0	0	0.00	2.21	0
22770035+	22770033	6.56	5 1-	2 ACSR 6/1	0	0	1284	307	17	1	1	0.00	2.21	0
22770038+	22770035	6.62	3 1-	2 ACSR 6/1	0	0	1269	306	6	0	0	0.00	2.21	0
22770039+	22770038	6.69	1 1-	2 ACSR 6/1	0	0	1254	305	2	0	0	0.00	2.21	0
22770032+	22770035	6.66	1 1-	2 ACSR 6/1	0	0	1259	305	6	0	0	0.00	2.21	0
22770048+	22770047	6.44	7 1-	2 ACSR 6/1	0	0	1313	308	45	3	2	0.00	2.21	0
22770036+	22770048	6.47	6 1-	2 ACSR 6/1	0	0	1304	308	35	2	1	0.00	2.21	0
22770037+	22770036	6.53	3 1-	2 ACSR 6/1	0	0	1291	307	16	1	1	0.00	2.21	0
22770042+	22770036	6.53	1 1-	2 ACSR 6/1	0	0	1291	307	7	0	0	0.00	2.21	0
22770041+	22770046	6.42	65 3-	1/0 ACSR 6/1	1811	1602	1321	309	397	9	4	0.02	2.51	4
22780031+	22770041	6.48	64 3-	1/0 ACSR 6/1	1793	1586	1308	308	389	8	4	0.01	2.52	3
D22-78-P009+	22780031	6.48	17 1-	FUS-25	0	0	1308	308	91	6	28	0.00	2.59	0
22780017+	D22-78-P009	6.52	17 1-	2 ACSR 6/1	0	0	1299	308	91	6	3	0.00	2.59	0
22780018+	22780017	6.59	16 1-	2 ACSR 6/1	0	0	1283	307	85	5	3	0.01	2.59	0
22780019+	22780018	6.64	14 1-	2 ACSR 6/1	0	0	1272	306	76	5	3	0.00	2.60	0
22780020+	22780019	6.69	13 1-	2 ACSR 6/1	0	0	1259	306	70	4	3	0.00	2.60	0
22780021+	22780020	6.74	1 1-	2 ACSR 6/1	0	0	1249	305	11	0	0	0.00	2.60	0
22780022+	22780020	6.74	9 1-	2 ACSR 6/1	0	0	1249	305	52	3	2	0.00	2.60	0
22780009+	22780022	6.78	7 1-	2 ACSR 6/1	0	0	1241	305	43	2	2	0.00	2.61	0
22780010+	22780009	6.82	6 1-	2 ACSR 6/1	0	0	1232	304	38	2	1	0.00	2.61	0
22780011+	22780010	6.87	5 1-	2 ACSR 6/1	0	0	1220	303	32	2	1	0.00	2.61	0
22780012+	22780011	6.93	4 1-	2 ACSR 6/1	0	0	1208	303	24	1	1	0.00	2.61	0
22780014+	22780012	7.00	1 1-	2 ACSR 6/1	0	0	1193	302	6	0	0	0.00	2.61	0
22780013+	22780012	6.97	3 1-	2 ACSR 6/1	0	0	1201	302	19	1	1	0.00	2.61	0
22780016+	22780013	7.00	3 1-	2 ACSR 6/1	0	0	1193	302	19	1	1	0.00	2.61	0
22780023+	22780016	7.05	1 1-	2 ACSR 6/1	0	0	1183	301	9	0	0	0.00	2.61	0
22780015+	22780013	7.06	0 1-	2 ACSR 6/1	0	0	1181	301	0	0	0	0.00	2.61	0
22780030+	22780031	6.55	45 1-	2 ACSR 6/1	0	0	1292	307	280	19	11	0.02	2.79	4
22780024+	22780030	6.75	43 1-	2 ACSR 6/1	0	0	1247	305	263	18	10	0.05	2.85	11
22780025+	22780024	6.86	42 1-	2 ACSR 6/1	0	0	1222	304	259	17	10	0.03	2.88	6
22780026+	22780025	6.93	41 1-	2 ACSR 6/1	0	0	1208	303	254	17	10	0.02	2.89	3
22780027+	22780026	7.00	40 1-	2 ACSR 6/1	0	0	1193	302	246	16	9	0.02	2.91	4
D22-78-P023+	22780027	7.00	40 1-	REC-25-E	0	0	1193	302	246	16	67	0.00	2.91	0
22780033+	D22-78-P023	7.03	40 1-	2 ACSR 6/1	0	0	1189	302	246	16	9	0.01	2.92	1

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22780032+	22780033	7.19	23 1-	2 ACSR 6/1	0	0	1156	300	144	9	5	0.02	2.94	3
22770017+	22780032	7.27	22 1-	2 ACSR 6/1	0	0	1141	299	142	9	5	0.01	2.95	1
20850124+	22770017	7.32	20 1-	2 ACSR 6/1	0	0	1132	298	127	8	5	0.01	2.96	0
22770050+	20850124	7.38	1 1-	2 ACSR 6/1	0	0	1122	297	6	0	0	0.00	2.96	0
22770015+	20850124	7.41	15 1-	2 ACSR 6/1	0	0	1116	297	99	6	4	0.01	2.97	0
22870017+	22770015	7.49	14 1-	2 ACSR 6/1	0	0	1101	296	90	6	3	0.01	2.98	0
22870018+	22870017	7.62	11 1-	2 ACSR 6/1	0	0	1079	295	73	5	3	0.01	2.99	0
22870022+	22870018	7.69	7 1-	2 ACSR 6/1	0	0	1068	294	38	2	1	0.00	2.99	0
22870023+	22870022	7.72	7 1-	2 ACSR 6/1	0	0	1062	293	38	2	1	0.00	2.99	0
22870024+	22870023	7.78	7 1-	2 ACSR 6/1	0	0	1053	293	38	2	1	0.00	2.99	0
22870025+	22870024	7.87	5 1-	2 ACSR 6/1	0	0	1039	292	26	1	1	0.00	2.99	0
22870013+	22870025	8.07	4 1-	2 ACSR 6/1	0	0	1009	290	24	1	1	0.00	3.00	0
22870026+	22870013	8.19	3 1-	2 ACSR 6/1	0	0	991	288	13	0	0	0.00	3.00	0
22870011+	22870026	8.36	2 1-	2 ACSR 6/1	0	0	967	286	5	0	0	0.00	3.00	0
22870030+	22870011	8.43	0 1-	2 ACSR 6/1	0	0	958	285	0	0	0	0.00	3.00	0
22870028+	22870030	8.53	0 1-	2 ACSR 6/1	0	0	946	284	0	0	0	0.00	3.00	0
22870029+	22870011	8.42	1 1-	2 ACSR 6/1	0	0	960	286	5	0	0	0.00	3.00	0
22870027+	22870026	8.26	1 1-	2 ACSR 6/1	0	0	982	287	7	0	0	0.00	3.00	0
22870012+	22870025	7.93	1 1-	2 ACSR 6/1	0	0	1030	291	2	0	0	0.00	2.99	0
22870019+	22870018	7.71	2 1-	2 ACSR 6/1	0	0	1064	294	17	1	1	0.00	2.99	0
22870020+	22870019	7.73	2 1-	2 ACSR 6/1	0	0	1062	293	17	1	1	0.00	2.99	0
22870021+	22870020	7.78	1 1-	2 ACSR 6/1	0	0	1054	293	7	0	0	0.00	2.99	0
22870010+	22870019	7.80	0 1-	2 ACSR 6/1	0	0	1050	293	0	0	0	0.00	2.99	0
22870016+	22870017	7.56	1 1-	2 ACSR 6/1	0	0	1089	295	5	0	0	0.00	2.98	0
22870014+	22870016	7.63	1 1-	2 ACSR 6/1	0	0	1078	295	5	0	0	0.00	2.98	0
22870015+	22870017	7.53	1 1-	2 ACSR 6/1	0	0	1095	296	7	0	0	0.00	2.98	0
22770018+	20850124	7.36	4 1-	2 ACSR 6/1	0	0	1124	298	22	1	1	0.00	2.96	0
22770019+	22770018	7.41	4 1-	2 ACSR 6/1	0	0	1116	297	22	1	1	0.00	2.96	0
D22-77-P038+	22770019	7.41	2 1-	FUS-20	0	0	1116	297	10	0	4	0.00	2.96	0
22770020+	D22-77-P038	7.65	2 1-	2 ACSR 6/1	0	0	1075	294	10	0	0	0.00	2.96	0
22770021+	22770020	7.69	1 1-	2 ACSR 6/1	0	0	1068	294	7	0	0	0.00	2.96	0
22780035+	22780033	7.09	2 1-	2 ACSR 6/1	0	0	1176	301	8	0	0	0.00	2.92	0
22780028+	22780035	7.15	1 1-	2 ACSR 6/1	0	0	1164	300	8	0	0	0.00	2.92	0
22780034+	22780033	7.08	14 1-	2 ACSR 6/1	0	0	1177	301	89	6	3	0.01	2.92	0
22780029+	22780034	7.13	13 1-	2 ACSR 6/1	0	0	1168	300	82	5	3	0.00	2.93	0
22780036+	22780029	7.19	12 1-	2 ACSR 6/1	0	0	1156	300	72	4	3	0.00	2.93	0
22880007+	22780036	7.23	11 1-	2 ACSR 6/1	0	0	1148	299	65	4	2	0.00	2.93	0
22880009+	22880007	7.28	9 1-	2 ACSR 6/1	0	0	1138	298	51	3	2	0.00	2.94	0
22880011+	22880009	7.37	7 1-	2 ACSR 6/1	0	0	1123	297	42	2	2	0.00	2.94	0
22880013+	22880011	7.56	6 1-	2 ACSR 6/1	0	0	1089	295	32	2	1	0.01	2.95	0
22870032+	22880013	7.60	3 1-	2 ACSR 6/1	0	0	1082	295	19	1	1	0.00	2.95	0
22870034+	22870032	7.68	1 1-	2 ACSR 6/1	0	0	1069	294	7	0	0	0.00	2.95	0
22870033+	22870032	7.63	2 1-	2 ACSR 6/1	0	0	1077	294	13	0	0	0.00	2.95	0
22880012+	22880011	7.46	1 1-	2 ACSR 6/1	0	0	1106	296	10	0	0	0.00	2.94	0
22880010+	22880009	7.34	1 1-	2 ACSR 6/1	0	0	1129	298	4	0	0	0.00	2.94	0
22880008+	22880007	7.29	1 1-	2 ACSR 6/1	0	0	1137	298	6	0	0	0.00	2.93	0
22770016+	22770043	6.20	2 1-	2 ACSR 6/1	0	0	1363	310	13	0	0	0.00	2.71	0
22770031+	22770016	6.24	1 1-	2 ACSR 6/1	0	0	1351	310	6	0	0	0.00	2.71	0
22770014+	20850431	5.77	0 1-	2 ACSR 6/1	0	0	1462	314	0	0	0	0.00	2.18	0
20850490+	20850336	5.47	1 1-	2 ACSR 6/1	0	0	1543	317	6	0	0	0.00	2.49	0
22670024+	22670014	5.23	266 3-	1/0 ACSR 6/1	2208	1966	1617	319	2487	56	25	0.03	2.41	53
22670023+	22670024	5.25	258 3-	1/0 ACSR 6/1	2200	1958	1611	319	2440	55	24	0.01	2.42	19

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22670021+	22670023	5.29	258 3-	1/0 ACSR 6/1	2182	1942	1598	319	2440	55	24	0.02	2.44	39
22670049+	22670021	5.33	257 3-	1/0 ACSR 6/1	2168	1929	1587	318	2439	55	24	0.02	2.46	33
22-67-P093-B+	22670049	5.33	257 3-	Closed	2168	1929	1587	318	2438	55	0	0.00	2.46	0
22-67-P093-A+	22-67-P093-B	5.33	257 3-	Closed	2168	1929	1587	318	2438	55	0	0.00	2.46	0
22670056+	22-67-P093-A	5.34	257 3-	1/0 ACSR 6/1	2165	1926	1585	318	2438	55	24	0.00	2.46	7
22670057+	22670056	5.37	256 3-	1/0 ACSR 6/1	2151	1913	1574	318	2434	55	24	0.02	2.48	32
D22-67-P011+	22670057	5.37	13 1-	FUS-50	0	0	1574	318	80	5	12	0.00	2.62	0
22670079+	D22-67-P011	5.40	13 1-	2 ACSR 6/1	0	0	1564	318	80	5	3	0.00	2.62	0
22670080+	22670079	5.43	12 1-	2 ACSR 6/1	0	0	1553	317	72	4	3	0.00	2.62	0
22670055+	22670080	5.51	10 1-	2 ACSR 6/1	0	0	1528	316	63	4	2	0.00	2.63	0
20850303+	22670055	5.55	3 1-	2 ACSR 6/1	0	0	1514	316	18	1	1	0.00	2.63	0
20850304+	20850303	5.59	2 1-	2 ACSR 6/1	0	0	1502	315	12	0	0	0.00	2.63	0
20850305+	20850304	5.65	1 1-	2 ACSR 6/1	0	0	1485	315	5	0	0	0.00	2.63	0
20850302+	22670055	5.56	6 1-	2 ACSR 6/1	0	0	1513	316	42	2	2	0.00	2.63	0
20850152+	20850302	5.60	4 1-	2 ACSR 6/1	0	0	1497	315	28	1	1	0.00	2.63	0
20850154+	20850152	5.65	2 1-	2 ACSR 6/1	0	0	1482	314	14	0	1	0.00	2.63	0
20850155+	20850154	5.69	1 1-	2 ACSR 6/1	0	0	1471	314	9	0	0	0.00	2.63	0
20850153+	20850152	5.63	1 1-	2 ACSR 6/1	0	0	1489	315	8	0	0	0.00	2.63	0
22670047+	22670057	5.40	3 1-	2 ACSR 6/1	0	0	1565	318	12	0	0	0.00	2.55	0
22670048+	22670047	5.42	2 1-	2 ACSR 6/1	0	0	1557	317	6	0	0	0.00	2.55	0
22670050+	22670057	5.46	240 3-	1/0 ACSR 6/1	2119	1884	1550	317	2342	53	23	0.04	2.52	70
22670051+	22670050	5.47	238 3-	1/0 ACSR 6/1	2113	1879	1546	317	2333	53	23	0.01	2.52	12
22670053+	22670051	5.49	236 3-	1/0 ACSR 6/1	2106	1873	1541	317	2321	53	23	0.01	2.53	14
22670054+	22670053	5.56	234 3-	1/0 ACSR 6/1	2082	1850	1523	316	2307	52	23	0.03	2.56	54
22670066+	22670054	5.61	9 1-	2 ACSR 6/1	0	0	1507	316	56	3	2	0.00	2.63	0
22670059+	22670066	5.66	7 1-	2 ACSR 6/1	0	0	1489	315	41	2	2	0.00	2.64	0
22670061+	22670059	5.69	3 1-	2 ACSR 6/1	0	0	1481	315	17	1	1	0.00	2.64	0
22670046+	22670061	5.71	2 1-	2 ACSR 6/1	0	0	1475	314	12	0	0	0.00	2.64	0
22670060+	22670059	5.70	2 1-	2 ACSR 6/1	0	0	1478	315	19	1	1	0.00	2.64	0
22670067+	22670060	5.74	1 1-	2 ACSR 6/1	0	0	1467	314	9	0	0	0.00	2.64	0
22670031+	22670054	5.60	218 3-	1/0 ACSR 6/1	2065	1835	1510	316	2209	50	22	0.02	2.58	34
22670033+	22670031	5.66	1 1-	2 ACSR 6/1	0	0	1492	315	4	0	0	0.00	2.65	0
22670032+	22670031	5.66	212 3-	1/0 ACSR 6/1	2045	1816	1495	315	2191	50	22	0.02	2.61	42
22670034+	22670032	5.68	4 1-	2 ACSR 6/1	0	0	1488	315	15	1	1	0.00	2.67	0
22670015+	22670032	5.72	208 3-	1/0 ACSR 6/1	2025	1798	1480	315	2176	49	22	0.02	2.63	41
D22-67-P037+	22670015	5.72	5 1-	FUS	0	0	1480	315	32	2	49	0.00	2.76	0
22670063+	D22-67-P037	5.79	5 1-	2 ACSR 6/1	0	0	1458	314	32	2	1	0.00	2.76	0
22670064+	22670063	5.91	3 1-	2 ACSR 6/1	0	0	1425	313	24	1	1	0.00	2.76	0
22670035+	22670064	5.94	2 1-	2 ACSR 6/1	0	0	1415	312	16	1	1	0.00	2.76	0
22670037+	22670035	6.02	1 1-	2 ACSR 6/1	0	0	1394	311	7	0	0	0.00	2.76	0
22670036+	22670035	6.01	1 1-	2 ACSR 6/1	0	0	1395	311	9	0	0	0.00	2.76	0
22670016+	22670015	5.79	203 3-	1/0 ACSR 6/1	2001	1776	1463	314	2144	49	21	0.03	2.66	48
22670062+	22670016	5.88	203 3-	1/0 ACSR 6/1	1973	1750	1441	314	2144	49	21	0.03	2.70	61
22670081+	22670062	5.96	202 3-	1/0 ACSR 6/1	1945	1725	1421	313	2139	49	21	0.03	2.73	60
22670082+	22670081	6.00	201 3-	1/0 ACSR 6/1	1933	1714	1412	312	2130	48	21	0.02	2.75	27
D22-67-P042+	22670082	6.00	8 1-	FUS	0	0	1412	312	57	3	88	0.00	2.80	0
22670038+	D22-67-P042	6.06	8 1-	2 ACSR 6/1	0	0	1395	312	57	3	2	0.00	2.80	0
22670039+	22670038	6.10	7 1-	2 ACSR 6/1	0	0	1385	311	48	3	2	0.00	2.81	0
22670041+	22670039	6.23	1 1-	2 ACSR 6/1	0	0	1351	310	6	0	0	0.00	2.81	0
22670017+	22670041	6.32	1 1-	2 ACSR 6/1	0	0	1329	308	6	0	0	0.00	2.81	0
22670040+	22670039	6.19	4 1-	2 ACSR 6/1	0	0	1362	310	28	1	1	0.00	2.81	0
22670072+	22670040	6.27	2 1-	2 ACSR 6/1	0	0	1340	309	11	0	0	0.00	2.81	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22680049+	22670072	6.47	1 1-	2 ACSR 6/1	0	0	1291	307	6	0	0	0.00	2.81	0
22670071+	22670040	6.25	1 1-	2 ACSR 6/1	0	0	1344	309	8	0	0	0.00	2.81	0
22670068+	22670082	6.06	2 1-	2 ACSR 6/1	0	0	1396	312	8	0	0	0.00	2.59	0
22670042+	22670082	6.08	191 3-	1/0 ACSR 6/1	1910	1693	1394	312	2065	47	21	0.03	2.78	49
22670044+	22670042	6.14	1 1-	2 ACSR 6/1	0	0	1378	311	3	0	0	0.00	2.83	0
22670043+	22670042	6.14	189 3-	1/0 ACSR 6/1	1891	1676	1381	311	2055	47	20	0.02	2.81	40
22670069+	22670043	6.19	186 3-	1/0 ACSR 6/1	1875	1661	1369	311	2038	46	20	0.02	2.83	34
22680026+	22670069	6.31	185 3-	1/0 ACSR 6/1	1841	1630	1343	310	2033	46	20	0.05	2.88	75
C22-68-P64+	22680026	6.31	0 3-	Capacitor	1841	1630	1343	310	0	-3	0	0.00	2.88	0
22680014+	22680026	6.36	185 3-	1/0 ACSR 6/1	1828	1618	1334	309	2033	47	21	0.02	2.90	30
D22-68-P046+	22680014	6.36	1 1-	FUS	0	0	1334	309	5	0	8	0.00	3.01	0
22680052+	D22-68-P046	6.41	1 1-	2 ACSR 6/1	0	0	1320	309	5	0	0	0.00	3.01	0
22680047+	22680014	6.39	3 1-	2 ACSR 6/1	0	0	1325	309	22	1	1	0.00	2.92	0
22680048+	22680047	6.55	2 1-	2 ACSR 6/1	0	0	1287	307	16	1	1	0.00	2.92	0
22680027+	22680048	6.61	1 1-	2 ACSR 6/1	0	0	1273	306	8	0	0	0.00	2.92	0
22680045+	22680014	6.42	181 3-	1/0 ACSR 6/1	1812	1604	1322	309	2005	46	20	0.02	2.92	36
22680046+	22680045	6.51	179 3-	1/0 ACSR 6/1	1786	1580	1303	308	2000	46	20	0.04	2.96	59
22680028+	22680046	6.58	174 3-	1/0 ACSR 6/1	1767	1563	1289	307	1981	46	20	0.03	2.99	45
D22-68-P045+	22680028	6.58	1 1-	FUS	0	0	1289	307	9	0	13	0.00	3.10	0
22680053+	D22-68-P045	6.64	1 1-	2 ACSR 6/1	0	0	1275	307	9	0	0	0.00	3.10	0
22680054+	22680053	6.72	0 1-	2 ACSR 6/1	0	0	1257	306	0	0	0	0.00	3.10	0
22680029+	22680028	6.65	173 3-	1/0 ACSR 6/1	1751	1548	1276	307	1972	46	20	0.03	3.02	40
22680022+	22680029	6.66	172 3-	1/0 ACSR 6/1	1747	1545	1274	307	1971	46	20	0.00	3.02	7
D22-68-P012+	22680022	6.66	7 1-	FUS	0	0	1274	307	0	3	73	0.00	3.13	0
22680018+	D22-68-P012	6.77	7 1-	2 ACSR 6/1	0	0	1250	305	47	3	2	0.00	3.14	0
22680019+	22680018	6.81	6 1-	2 ACSR 6/1	0	0	1240	305	37	2	1	0.00	3.14	0
22680017+	22680019	6.89	4 1-	2 ACSR 6/1	0	0	1223	304	25	1	1	0.00	3.14	0
22680020+	22680017	6.98	0 1-	2 ACSR 6/1	0	0	1204	303	0	0	0	0.00	3.14	0
22680021+	22680017	6.96	3 1-	2 ACSR 6/1	0	0	1208	303	18	1	1	0.00	3.14	0
22680044+	22680021	7.04	1 1-	2 ACSR 6/1	0	0	1192	302	5	0	0	0.00	3.14	0
22680042+	22680022	6.78	164 3-	1/0 ACSR 6/1	1717	1517	1251	306	1917	44	20	0.05	3.07	72
22680043+	22680042	6.84	1 1-	2 ACSR 6/1	0	0	1238	305	10	0	0	0.00	3.07	0
22680041+	22680042	6.87	4 1-	2 ACSR 6/1	0	0	1233	305	23	1	1	0.00	3.07	0
22680038+	22680041	6.91	3 1-	2 ACSR 6/1	0	0	1224	304	17	1	1	0.00	3.07	0
22680039+	22680038	6.96	1 1-	2 ACSR 6/1	0	0	1213	303	10	0	0	0.00	3.07	0
22680040+	22680042	6.82	158 3-	1/0 ACSR 6/1	1707	1508	1244	305	1876	43	19	0.02	3.09	22
22680034+	22680040	6.95	157 3-	1/0 ACSR 6/1	1676	1480	1221	304	1867	43	19	0.05	3.14	72
22680036+	22680034	7.09	1 1-	2 ACSR 6/1	0	0	1192	302	3	0	0	0.00	3.12	0
22680023+	22680036	7.18	0 1-	2 ACSR 6/1	0	0	1175	301	0	0	0	0.00	3.12	0
22680035+	22680034	7.01	154 3-	1/0 ACSR 6/1	1661	1467	1210	304	1851	43	19	0.02	3.16	34
D22-68-P031+	22680035	7.01	2 1-	FUS	0	0	1210	304	7	0	11	0.00	3.27	0
22680016+	D22-68-P031	7.12	2 1-	2 ACSR 6/1	0	0	1188	302	7	0	0	0.00	3.27	0
22680025+	22680016	7.34	0 1-	2 ACSR 6/1	0	0	1146	300	0	0	0	0.00	3.27	0
22680024+	22680016	7.23	2 1-	2 ACSR 6/1	0	0	1167	301	7	0	0	0.00	3.27	0
22680030+	22680035	7.15	152 3-	1/0 ACSR 6/1	1629	1438	1187	302	1843	43	19	0.05	3.22	77
22680031+	22680030	7.22	151 3-	1/0 ACSR 6/1	1614	1424	1176	302	1833	43	19	0.03	3.24	37
22680033+	22680031	7.27	0 1-	2 ACSR 6/1	0	0	1166	301	0	0	0	0.00	3.35	0
22680015+	22680031	7.56	151 3-	1/0 ACSR 6/1	1543	1360	1123	299	1833	43	19	0.13	3.38	184
22580002+	22680015	7.65	151 3-	1/0 ACSR 6/1	1526	1344	1110	298	1831	43	19	0.03	3.41	46
20852300+	22580002	7.67	5 3-	1/0 ACSR 6/1	1522	1341	1108	298	980	23	10	0.00	3.41	3
20852301+	20852300	7.90	4 3-	1/0 ACSR 6/1	1478	1302	1076	296	979	23	10	0.05	3.47	38
22690014+	20852301	7.97	2 1-	2 ACSR 6/1	0	0	1064	295	10	0	0	0.00	3.57	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22490016+	23520005	9.26	4 1-	2 ACSR 6/1	0	0	914	285	15	1	1	0.00	3.44	0
22490017+	22490016	9.43	2 1-	2 ACSR 6/1	0	0	894	283	3	0	0	0.00	3.44	0
22490014+	22490017	9.54	1 1-	2 ACSR 6/1	0	0	882	282	1	0	0	0.00	3.44	0
22490015+	22490014	9.59	1 1-	2 ACSR 6/1	0	0	876	281	1	0	0	0.00	3.44	0
23520003+	22590031	9.12	108 3-	1/0 ACSR 6/1	1282	1126	932	286	677	15	7	0.01	3.63	3
23520002+	23520003	9.25	105 3-	1/0 ACSR 6/1	1264	1110	919	285	670	15	7	0.02	3.64	9
23420007+	23520002	9.31	102 3-	1/0 ACSR 6/1	1257	1103	913	285	660	15	7	0.01	3.65	4
23420008+	23420007	9.35	98 3-	1/0 ACSR 6/1	1251	1098	909	285	641	14	6	0.01	3.65	3
23420006+	23420008	9.41	96 3-	1/0 ACSR 6/1	1244	1092	904	284	625	14	6	0.01	3.66	3
D23-42-P006+	23420006	9.41	1 1-	FUS	0	0	904	284	0	0	0	0.00	3.47	0
23420011+	D23-42-P006	9.45	1 1-	2 ACSR 6/1	0	0	899	284	0	0	0	0.00	3.47	0
23420005+	23420006	9.46	93 3-	1/0 ACSR 6/1	1237	1086	899	284	614	14	6	0.01	3.67	3
23420004+	23420005	9.49	1 1-	2 ACSR 6/1	0	0	895	283	10	0	0	0.00	3.78	0
23420001+	23420005	9.55	91 3-	1/0 ACSR 6/1	1226	1076	891	283	602	13	6	0.01	3.68	5
23420009+	23420001	9.56	0 3-	1/0 ACSR 6/1	1224	1074	889	283	0	0	0	0.00	3.68	0
23420002+	23420001	9.69	91 3-	1/0 ACSR 6/1	1208	1060	878	282	601	13	6	0.02	3.69	8
23420003+	23420002	10.48	91 3-	1/0 ACSR 6/1	1118	979	812	276	601	13	6	0.09	3.78	44
23430004+	23420003	10.65	91 3-	1/0 ACSR 6/1	1100	964	799	275	601	13	6	0.02	3.80	9
23430001+	23430004	10.95	89 3-	1/0 ACSR 6/1	1070	937	777	273	585	13	6	0.03	3.84	16
23430002+	23430001	11.03	88 3-	1/0 ACSR 6/1	1062	930	771	272	578	13	6	0.01	3.85	4
23430007+	23430002	11.42	1 1-	2 ACSR 6/1	0	0	740	268	5	0	0	0.00	3.96	0
23430006+	23430002	11.35	87 3-	1/0 ACSR 6/1	1033	903	750	270	573	13	6	0.03	3.88	16
23330014+	23430006	11.43	1 1-	2 ACSR 6/1	0	0	744	269	8	0	0	0.00	3.99	0
23330006+	23430006	11.44	3 1-	2 ACSR 6/1	0	0	743	269	23	1	1	0.00	4.00	0
23330008+	23330006	11.49	2 1-	2 ACSR 6/1	0	0	738	268	15	1	1	0.00	4.00	0
23330007+	23330006	11.45	1 1-	2 ACSR 6/1	0	0	742	269	8	0	0	0.00	4.00	0
23330005+	23430006	11.43	83 3-	1/0 ACSR 6/1	1025	897	744	269	542	12	5	0.01	3.89	4
23330012+	23330005	11.53	2 1-	2 ACSR 6/1	0	0	737	268	16	1	1	0.00	4.00	0
23330004+	23330005	11.50	81 3-	1/0 ACSR 6/1	1019	891	740	269	526	12	5	0.00	3.90	3
D23-33-P008+	23330004	11.50	4 1-	FUS	0	0	740	269	25	1	39	0.00	4.05	0
23330009+	D23-33-P008	11.56	4 1-	2 ACSR 6/1	0	0	735	268	25	1	1	0.00	4.05	0
23330010+	23330009	11.62	3 1-	2 ACSR 6/1	0	0	731	267	19	1	1	0.00	4.05	0
23330011+	23330010	11.67	2 1-	2 ACSR 6/1	0	0	727	267	11	0	0	0.00	4.05	0
23330013+	23330011	11.74	1 1-	2 ACSR 6/1	0	0	722	266	3	0	0	0.00	4.05	0
23330003+	23330004	11.84	77 3-	1/0 ACSR 6/1	990	866	719	266	501	11	5	0.02	3.93	14
23340005+	23330003	11.99	2 1-	2 ACSR 6/1	0	0	708	265	20	1	1	0.00	4.10	0
23340015+	23340005	12.04	1 1-	2 ACSR 6/1	0	0	704	264	8	0	0	0.00	4.10	0
23340003+	23330003	11.91	75 3-	1/0 ACSR 6/1	985	861	715	266	481	11	5	0.00	3.93	2
23340004+	23340003	11.94	75 3-	1/0 ACSR 6/1	982	859	713	265	481	11	5	0.00	3.94	1
23340006+	23340004	12.17	75 3-	1/0 ACSR 6/1	964	842	700	264	481	11	5	0.01	3.96	8
23340007+	23340006	12.27	74 3-	1/0 ACSR 6/1	956	835	694	263	480	11	5	0.01	3.97	4
23340008+	23340007	12.31	73 3-	1/0 ACSR 6/1	953	832	691	263	480	11	5	0.00	3.97	1
23340012+	23340008	12.47	73 3-	1/0 ACSR 6/1	941	822	682	262	480	11	5	0.01	3.99	6
23340013+	23340012	12.54	71 3-	1/0 ACSR 6/1	935	817	679	261	470	10	5	0.00	3.99	3
23340009+	23340013	12.91	70 3-	1/0 ACSR 6/1	908	793	659	259	460	10	5	0.02	4.03	13
23340011+	23340009	12.98	1 1-	2 ACSR 6/1	0	0	655	258	4	0	0	0.00	4.08	0
23340014+	23340009	12.99	67 3-	1/0 ACSR 6/1	903	789	655	258	446	10	4	0.00	4.03	3
23240002+	23340014	13.07	66 3-	1/0 ACSR 6/1	897	783	651	258	440	10	4	0.00	4.04	3
23240003+	23240002	13.13	65 3-	1/0 ACSR 6/1	893	780	648	257	434	9	4	0.00	4.04	2
23240001+	23240003	13.20	64 3-	1/0 ACSR 6/1	889	776	645	257	432	9	4	0.00	4.05	2
23250007+	23240001	13.45	64 3-	1/0 ACSR 6/1	872	761	633	255	432	9	4	0.00	4.07	8
23250016+	23250007	13.53	63 3-	1/0 ACSR 6/1	867	757	629	255	422	9	4	0.00	4.08	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D23-25-P077+	23250016	13.53	10 1-	FUS	0	0	629	255	63	4 99	0.00	4.33	0	0
23250008+	D23-25-P077	13.58	10 1-	2 ACSR 6/1	0	0	626	254	63	4 2	0.00	4.33	0	0
23250017+	23250008	13.62	9 1-	2 ACSR 6/1	0	0	624	254	57	3 2	0.00	4.33	0	0
23250021+	23250017	13.73	1 1-	2 ACSR 6/1	0	0	618	253	7	0 0	0.00	4.33	0	0
23250022+	23250021	13.81	1 1-	2 ACSR 6/1	0	0	614	252	7	0 0	0.00	4.33	0	0
23250020+	23250017	13.72	1 1-	2 ACSR 6/1	0	0	618	253	7	0 0	0.00	4.33	0	0
23250019+	23250017	13.69	1 1-	2 ACSR 6/1	0	0	620	253	2	0 0	0.00	4.33	0	0
23250018+	23250017	13.74	6 1-	2 ACSR 6/1	0	0	617	253	41	2 2	0.00	4.34	0	0
23250013+	23250018	13.79	1 1-	2 ACSR 6/1	0	0	614	252	9	0 0	0.00	4.34	0	0
23250011+	23250018	13.85	5 1-	2 ACSR 6/1	0	0	611	252	32	2 1	0.00	4.34	0	0
23250012+	23250011	14.02	3 1-	2 ACSR 6/1	0	0	602	250	24	1 1	0.00	4.34	0	0
23250009+	23250016	13.58	50 3-	1/0 ACSR 6/1	864	754	627	254	342	7 3	0.00	4.08	1	0
23250014+	23250009	13.62	48 3-	1/0 ACSR 6/1	861	751	625	254	331	7 3	0.00	4.08	1	0
23250015+	23250014	13.71	47 3-	1/0 ACSR 6/1	856	747	621	254	326	7 3	0.00	4.09	2	0
23250010+	23250015	13.99	46 3-	1/0 ACSR 6/1	839	732	608	252	321	7 3	-0.01	4.10	7	0
23250001+	23250010	14.12	45 3-	1/0 ACSR 6/1	831	725	603	251	313	7 3	0.00	4.11	3	0
23250002+	23250001	14.24	45 3-	1/0 ACSR 6/1	824	719	598	250	313	7 3	0.00	4.12	3	0
23250003+	23250002	14.53	45 3-	1/0 ACSR 6/1	808	704	586	248	313	7 3	-0.01	4.14	7	0
23250005+	23250003	14.56	19 1-	2 ACSR 6/1	0	0	584	248	129	8 5	0.00	4.45	0	0
23250023+	23250005	14.60	1 1-	2 ACSR 6/1	0	0	582	248	9	0 0	0.00	4.45	0	0
23250006+	23250005	14.64	16 1-	2 ACSR 6/1	0	0	580	247	107	7 4	0.01	4.45	0	0
23260019+	23250006	14.69	13 1-	2 ACSR 6/1	0	0	578	247	79	5 3	0.00	4.46	0	0
23260016+	23260019	14.72	4 1-	2 ACSR 6/1	0	0	577	247	23	1 1	0.00	4.46	0	0
23260017+	23260016	14.77	3 1-	2 ACSR 6/1	0	0	574	246	18	1 1	0.00	4.46	0	0
23260014+	23260019	14.74	6 1-	2 ACSR 6/1	0	0	575	246	42	2 2	0.00	4.46	0	0
23260015+	23260014	14.77	3 1-	2 ACSR 6/1	0	0	574	246	23	1 1	0.00	4.46	0	0
23260013+	23260015	14.80	2 1-	2 ACSR 6/1	0	0	573	246	11	0 0	0.00	4.46	0	0
23260018+	23250006	14.67	1 1-	2 ACSR 6/1	0	0	579	247	10	0 0	0.00	4.45	0	0
23250004+	23250003	14.65	25 1-	2 ACSR 6/1	0	0	580	247	175	12 7	0.02	3.92	3	0
23260005+	23250004	14.70	1 1-	2 ACSR 6/1	0	0	578	247	3	0 0	0.00	3.92	0	0
23260003+	23250004	14.70	24 1-	2 ACSR 6/1	0	0	577	247	171	11 7	0.01	3.93	1	0
23260012+	23260003	14.74	1 1-	2 ACSR 6/1	0	0	576	247	9	0 0	0.00	3.93	0	0
23260027+	23260003	14.75	9 1-	2 ACSR 6/1	0	0	575	246	66	4 3	0.00	3.93	0	0
23260026+	23260027	14.91	5 1-	2 ACSR 6/1	0	0	568	245	37	2 1	0.00	3.94	0	0
23260006+	23260026	14.97	3 1-	2 ACSR 6/1	0	0	565	245	21	1 1	0.00	3.94	0	0
23260007+	23260006	15.02	1 1-	2 ACSR 6/1	0	0	562	244	8	0 0	0.00	3.94	0	0
23260025+	23260027	14.80	1 1-	2 ACSR 6/1	0	0	573	246	6	0 0	0.00	3.93	0	0
23260024+	23260027	14.80	1 1-	2 ACSR 6/1	0	0	573	246	7	0 0	0.00	3.93	0	0
23260004+	23260003	14.73	14 1-	2 ACSR 6/1	0	0	576	247	96	6 4	0.00	3.93	0	0
23260011+	23260004	14.76	2 1-	2 ACSR 6/1	0	0	574	246	15	1 1	0.00	3.93	0	0
23260009+	23260004	14.75	12 1-	2 ACSR 6/1	0	0	575	246	82	5 3	0.00	3.93	0	0
23260010+	23260009	14.79	9 1-	2 ACSR 6/1	0	0	573	246	71	4 3	0.00	3.94	0	0
23260023+	23260010	14.86	2 1-	2 ACSR 6/1	0	0	570	246	15	1 1	0.00	3.94	0	0
23260020+	23260010	14.81	6 1-	2 ACSR 6/1	0	0	572	246	48	3 2	0.00	3.94	0	0
23260008+	23260020	14.86	2 1-	2 ACSR 6/1	0	0	570	245	17	1 1	0.00	3.94	0	0
23260022+	23260020	14.87	2 1-	2 ACSR 6/1	0	0	569	245	15	1 1	0.00	3.94	0	0
23260021+	23260020	14.85	2 1-	2 ACSR 6/1	0	0	570	246	16	1 1	0.00	3.94	0	0
23340010+	23340009	12.95	2 1-	2 ACSR 6/1	0	0	657	258	11	0 0	0.00	4.08	0	0
23430005+	23430004	10.78	1 1-	2 ACSR 6/1	0	0	787	273	8	0 0	0.00	3.92	0	0
23430003+	23430004	10.71	1 1-	2 ACSR 6/1	0	0	793	274	8	0 0	0.00	3.92	0	0
20852209+	22590029	8.95	2 1-	2 ACSR 6/1	0	0	948	287	3	0 0	0.00	3.71	0	0
20852299+	20852209	8.98	1 1-	2 ACSR 6/1	0	0	944	287	1	0 0	0.00	3.71	0	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22590030+	20852209	9.18	1 1-	2 ACSR 6/1	0	0	919	285	2	0	0	0.00	3.71	0
20852208+	22590029	8.96	1 1-	2 ACSR 6/1	0	0	947	287	4	0	0	0.00	3.43	0
20852298+	20852208	9.04	1 1-	2 ACSR 6/1	0	0	937	286	4	0	0	0.00	3.43	0
22590011+	20852208	9.04	0 1-	2 ACSR 6/1	0	0	936	286	0	0	0	0.00	3.43	0
22590023+	22590022	8.76	4 1-	2 ACSR 6/1	0	0	969	289	22	1	1	0.00	3.68	0
22590027+	22590023	8.79	3 1-	2 ACSR 6/1	0	0	966	289	18	1	1	0.00	3.68	0
22590028+	22590027	8.83	1 1-	2 ACSR 6/1	0	0	960	288	6	0	0	0.00	3.68	0
22590024+	22590023	8.83	1 1-	2 ACSR 6/1	0	0	960	288	4	0	0	0.00	3.68	0
22590018+	22590010	8.09	0 1-	2 ACSR 6/1	0	0	1049	294	0	0	0	0.00	3.58	0
22680037+	22680040	6.95	1 1-	2 ACSR 6/1	0	0	1216	304	9	0	0	0.00	3.08	0
22680032+	22680046	6.58	1 1-	2 ACSR 6/1	0	0	1285	307	3	0	0	0.00	3.07	0
22670019+	22670043	6.21	3 1-	2 ACSR 6/1	0	0	1363	310	17	1	1	0.00	2.85	0
22670020+	22670019	6.26	2 1-	2 ACSR 6/1	0	0	1349	310	12	0	0	0.00	2.85	0
22670070+	22670020	6.36	1 1-	2 ACSR 6/1	0	0	1323	308	6	0	0	0.00	2.85	0
22670045+	22670054	5.60	5 1-	2 ACSR 6/1	0	0	1509	316	38	2	1	0.00	2.69	0
22670065+	22670045	5.64	2 1-	2 ACSR 6/1	0	0	1497	315	17	1	1	0.00	2.69	0
22670085+	22670065	5.70	1 1-	2 ACSR 6/1	0	0	1478	315	6	0	0	0.00	2.70	0
22670022+	22670024	5.28	6 1-	2 ACSR 6/1	0	0	1597	319	43	2	2	0.00	2.49	0
22670028+	22670022	5.32	5 1-	2 ACSR 6/1	0	0	1584	318	35	2	1	0.00	2.49	0
22670029+	22670028	5.35	4 1-	2 ACSR 6/1	0	0	1574	318	28	1	1	0.00	2.49	0
22670030+	22670029	5.38	2 1-	2 ACSR 6/1	0	0	1564	317	14	0	1	0.00	2.49	0
22670058+	22670029	5.40	1 1-	2 ACSR 6/1	0	0	1556	317	5	0	0	0.00	2.49	0
22770023+	22770047	4.94	6 1-	2 ACSR 6/1	0	0	1703	322	32	2	1	0.00	2.28	0
22660008+	22770023	5.01	4 1-	2 ACSR 6/1	0	0	1677	321	29	1	1	0.00	2.28	0
22660006+	22660008	5.07	1 1-	2 ACSR 6/1	0	0	1654	320	10	0	0	0.00	2.28	0
22660007+	22660006	5.14	0 1-	2 ACSR 6/1	0	0	1626	319	0	0	0	0.00	2.28	0
22660005+	22660008	5.07	3 1-	2 ACSR 6/1	0	0	1655	320	19	1	1	0.00	2.28	0
22760039+	22760021	4.87	10 1-	2 ACSR 6/1	0	0	1729	322	58	3	2	0.00	2.29	0
22760040+	22760039	4.91	8 1-	2 ACSR 6/1	0	0	1711	322	49	3	2	0.00	2.29	0
22760041+	22760040	4.98	6 1-	2 ACSR 6/1	0	0	1683	321	33	2	1	0.00	2.29	0
20850012+	22760041	5.04	1 1-	2 ACSR 6/1	0	0	1661	320	4	0	0	0.00	2.29	0
22760042+	22760041	5.09	4 1-	2 ACSR 6/1	0	0	1640	319	21	1	1	0.00	2.29	0
20850187+	22760042	5.27	1 1-	2 ACSR 6/1	0	0	1576	317	10	0	0	0.00	2.29	0
20850013+	22760042	5.35	3 1-	2 ACSR 6/1	0	0	1549	316	11	0	0	0.00	2.30	0
20850039+	20850013	5.42	2 1-	2 ACSR 6/1	0	0	1524	315	5	0	0	0.00	2.30	0
22760025+	20850039	5.51	1 1-	2 ACSR 6/1	0	0	1497	314	0	0	0	0.00	2.30	0
22760026+	22760025	5.61	0 1-	2 ACSR 6/1	0	0	1465	313	0	0	0	0.00	2.30	0
22760022+	20850039	5.47	1 1-	2 ACSR 6/1	0	0	1510	315	5	0	0	0.00	2.30	0
22760024+	22760022	5.51	1 1-	2 ACSR 6/1	0	0	1495	314	5	0	0	0.00	2.30	0
20850040+	22760022	5.53	0 1-	2 ACSR 6/1	0	0	1490	314	0	0	0	0.00	2.30	0
22760035+	22760034	4.74	1 1-	2 ACSR 6/1	0	0	1772	324	7	0	0	0.00	2.19	0
22760046+	22760023	4.07	1 1-	2 ACSR 6/1	0	0	2056	330	11	0	0	0.00	1.74	0
22750006+	22750005	3.50	1 1-	2 ACSR 6/1	0	0	2374	335	5	0	0	0.00	1.29	0
22750015+	22750013	3.35	1 3-	1/0 ACSR 6/1	3339	3026	2485	337	6	0	0	0.00	1.16	0
22850024+	22850049	2.74	4 3-	1/0 ACSR 6/1	3976	3640	2997	343	95	2	1	0.00	0.72	0
22850031+	22850024	2.78	0 3-	1/0 ACSR 6/1	3918	3584	2950	343	0	0	0	0.00	0.72	0
20850109+	22850031	2.81	0 3-	1/0 ACSR 6/1	3885	3552	2923	342	0	0	0	0.00	0.72	0
D22-85-P031+	20850109	2.81	0 1-	FUS-20	0	0	2923	342	0	0	0	0.00	0.76	0
22850035+	D22-85-P031	2.87	0 1-	2 ACSR 6/1	0	0	2858	342	0	0	0	0.00	0.76	0
22850086+	22850035	2.91	0 1-	2 ACSR 6/1	0	0	2820	341	0	0	0	0.00	0.76	0
20850106+	22850024	2.76	3 1-	2 ACSR 6/1	0	0	2969	343	18	1	1	0.00	0.66	0
20850107+	20850106	2.80	1 1-	2 ACSR 6/1	0	0	2924	342	5	0	0	0.00	0.66	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22850051+	22850024	2.78	0 1-	2 ACSR 6/1	0	0	2947	343	0	0	0	0.00	0.74	0
22850052+	22850051	2.85	0 1-	2 ACSR 6/1	0	0	2867	342	0	0	0	0.00	0.74	0
22850053+	22850052	2.89	0 1-	2 ACSR 6/1	0	0	2829	341	0	0	0	0.00	0.74	0
22850050+	22850049	2.80	1 1-	2 ACSR 6/1	0	0	2915	342	2	0	0	0.00	0.74	0
22850044+	22850043	2.46	2 3-	1/0 ACSR 6/1	4344	4002	3303	346	116	2	1	0.00	0.52	0
22850750+	22850044	2.46	2 3-	Consumer	4344	4002	3303	346	116	2	0	0.00	0.52	0
22850045+	22850044	2.47	0 3-	1/0 ACSR 6/1	4330	3988	3291	346	0	0	0	0.00	0.52	0
20850100+	22850045	2.49	0 3-	1/0 ACSR 6/1	4294	3952	3261	346	0	0	0	0.00	0.52	0
20850101+	20850100	2.53	0 3-	1/0 ACSR 6/1	4242	3901	3218	345	0	0	0	0.00	0.52	0
22850046+	20850101	2.57	0 3-	1/0 ACSR 6/1	4189	3849	3173	345	0	0	0	0.00	0.52	0
20850102+	20850100	2.52	0 3-	1/0 ACSR 6/1	4254	3913	3228	345	0	0	0	0.00	0.52	0
22850028+	22850027	2.31	0 1-	2 ACSR 6/1	0	0	3489	347	0	0	0	0.00	0.42	0
20850114+	CAP172	1.94	205 3-	1/0 ACSR 6/1	5203	4866	4060	351	933	20	9	0.02	0.07	10
D22-85-P007+	20850114	1.94	202 3-	REC-50-E	5203	4866	4060	351	924	20	41	0.00	0.07	0
22850025+	D22-85-P007	2.14	202 3-	1/0 ACSR 6/1	4836	4494	3731	349	924	20	9	0.06	0.10	31
D22-85-P005+	22850025	2.14	17 1-	FUS-30	0	0	3731	349	124	8	31	0.00	0.09	0
20850108+	D22-85-P005	2.29	17 1-	2 ACSR 6/1	0	0	3482	347	124	8	5	0.02	0.11	2
20852138+	20850108	2.38	16 1-	2 ACSR 6/1	0	0	3352	346	115	7	4	0.01	0.12	0
20852185+	20852138	2.45	1 1-	2 ACSR 6/1	0	0	3246	345	27	1	1	0.00	0.12	0
22850030+	20852138	2.45	11 1-	2 ACSR 6/1	0	0	3250	345	57	3	2	0.00	0.12	0
22950002+	22850030	2.53	9 1-	2 ACSR 6/1	0	0	3149	343	42	2	2	0.00	0.12	0
22950003+	22950002	2.62	6 1-	2 ACSR 6/1	0	0	3034	342	29	1	1	0.00	0.13	0
22950004+	22950003	2.68	5 1-	2 ACSR 6/1	0	0	2960	341	22	1	1	0.00	0.13	0
22950005+	22950004	2.74	2 1-	2 ACSR 6/1	0	0	2894	340	9	0	0	0.00	0.13	0
22950006+	22950004	2.72	2 1-	2 ACSR 6/1	0	0	2916	341	7	0	0	0.00	0.13	0
22950001+	22850030	2.48	1 1-	2 ACSR 6/1	0	0	3204	344	9	0	0	0.00	0.12	0
22850029+	20852138	2.48	3 1-	2 ACSR 6/1	0	0	3212	344	15	0	1	0.00	0.12	0
20850115+	22850025	2.24	184 3-	1/0 ACSR 6/1	4660	4317	3578	348	794	17	8	0.03	0.12	12
D22-85-P172+	20850115	2.24	6 1-	FUS-30	0	0	3578	348	30	1	7	0.00	0.19	0
22850077+	D22-85-P172	2.36	6 1-	2 ACSR 6/1	0	0	3406	346	30	1	1	0.00	0.19	0
22840016+	22850077	2.42	4 1-	2 ACSR 6/1	0	0	3320	346	21	1	1	0.00	0.19	0
22840057+	22840016	2.51	3 1-	2 ACSR 6/1	0	0	3191	344	12	0	0	0.00	0.19	0
22840058+	22840057	2.57	2 1-	2 ACSR 6/1	0	0	3112	343	8	0	0	0.00	0.19	0
22840064+	22840058	2.65	1 1-	2 ACSR 6/1	0	0	3009	342	0	0	0	0.00	0.19	0
22840063+	22840058	2.63	1 1-	2 ACSR 6/1	0	0	3042	343	8	0	0	0.00	0.19	0
22850066+	20850115	2.30	176 3-	1/0 ACSR 6/1	4577	4234	3506	348	751	16	7	0.01	0.13	5
22940009+	22850066	2.44	175 3-	1/0 ACSR 6/1	4355	4014	3317	346	740	16	7	0.04	0.15	15
22940042+	22940009	2.64	2 1-	2 ACSR 6/1	0	0	3063	343	6	0	0	0.00	0.25	0
22840017+	22940042	2.70	1 1-	2 ACSR 6/1	0	0	2990	342	3	0	0	0.00	0.25	0
22940008+	22940009	2.52	172 3-	1/0 ACSR 6/1	4246	3906	3225	345	725	16	7	0.02	0.16	8
22940030+	22940008	2.60	123 3-	1/0 ACSR 6/1	4139	3801	3135	345	525	11	5	0.02	0.16	7
22940032+	22940030	2.77	121 3-	1/0 ACSR 6/1	3929	3596	2962	343	511	11	5	0.04	0.18	14
22940041+	22940032	2.82	2 1-	2 ACSR 6/1	0	0	2902	342	16	1	1	0.00	0.12	0
22940028+	22940032	2.83	1 1-	2 ACSR 6/1	0	0	2890	342	11	0	0	0.00	0.12	0
22940027+	22940032	2.91	118 3-	1/0 ACSR 6/1	3764	3435	2828	341	484	10	5	0.04	0.19	12
28040006+	22940027	3.01	2 1-	2 ACSR 6/1	0	0	2732	340	9	0	0	0.00	0.36	0
28040007+	28040006	3.07	2 1-	2 ACSR 6/1	0	0	2670	339	9	0	0	0.00	0.37	0
28040008+	28040007	3.20	1 1-	2 ACSR 6/1	0	0	2557	337	7	0	0	0.00	0.37	0
28040005+	22940027	2.94	1 1-	2 ACSR 6/1	0	0	2798	341	4	0	0	0.00	0.13	0
28040014+	22940027	3.01	115 3-	1/0 ACSR 6/1	3661	3336	2744	340	470	10	5	0.02	0.20	7
28040016+	28040014	3.22	113 3-	1/0 ACSR 6/1	3447	3130	2573	338	462	10	4	0.05	0.22	16
28050044+	28040016	3.42	110 3-	1/0 ACSR 6/1	3268	2959	2432	336	453	10	4	0.05	0.24	15

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
28150018+	28050044	3.50	21 1-	2 ACSR 6/1	0	0	2371	335	71	4	3	0.01	0.19	0
D28-05-P007+	28150018	3.50	21 1-	REC-25-E	0	0	2371	335	71	4	19	0.00	0.19	0
28050027+	D28-05-P007	3.54	21 1-	2 ACSR 6/1	0	0	2341	335	71	4	3	0.00	0.19	0
28050028+	28050027	3.57	19 1-	2 ACSR 6/1	0	0	2320	334	63	4	2	0.00	0.20	0
28050029+	28050028	3.66	17 1-	2 ACSR 6/1	0	0	2257	333	55	3	2	0.00	0.20	0
28050034+	28050029	3.76	15 1-	2 ACSR 6/1	0	0	2186	332	54	3	2	0.01	0.21	0
28050036+	28050034	3.86	11 1-	2 ACSR 6/1	0	0	2127	330	35	2	1	0.00	0.21	0
28050038+	28050036	3.90	10 1-	2 ACSR 6/1	0	0	2102	330	28	1	1	0.00	0.21	0
28050039+	28050038	3.94	9 1-	2 ACSR 6/1	0	0	2077	329	28	1	1	0.00	0.21	0
28050040+	28050039	3.98	4 1-	2 ACSR 6/1	0	0	2050	329	18	1	1	0.00	0.21	0
28050033+	28050040	4.03	2 1-	2 ACSR 6/1	0	0	2022	328	15	0	1	0.00	0.21	0
28050043+	28050033	4.11	1 1-	2 ACSR 6/1	0	0	1979	327	8	0	0	0.00	0.21	0
D28-05-P022+	28050043	4.11	1 1-	FUS	0	0	1979	327	8	0	12	0.00	0.21	0
28050047+	D28-05-P022	4.63	1 1-	2 ACSR 6/1	0	0	1730	320	8	0	0	0.00	0.22	0
28050030+	28050033	4.08	1 1-	2 ACSR 6/1	0	0	1993	327	7	0	0	0.00	0.21	0
28050045+	28050039	4.05	3 1-	2 ACSR 6/1	0	0	2010	328	6	0	0	0.00	0.21	0
28050046+	28050045	4.11	3 1-	2 ACSR 6/1	0	0	1979	327	6	0	0	0.00	0.21	0
28050041+	28050046	4.15	2 1-	2 ACSR 6/1	0	0	1959	326	2	0	0	0.00	0.21	0
28050042+	28050041	4.19	2 1-	2 ACSR 6/1	0	0	1939	326	2	0	0	0.00	0.21	0
28050032+	28050046	4.22	1 1-	2 ACSR 6/1	0	0	1919	325	3	0	0	0.00	0.21	0
28050037+	28050036	3.95	1 1-	2 ACSR 6/1	0	0	2072	329	7	0	0	0.00	0.21	0
28050035+	28050034	3.83	1 1-	2 ACSR 6/1	0	0	2147	331	8	0	0	0.00	0.21	0
28050031+	28050034	3.85	1 1-	2 ACSR 6/1	0	0	2130	330	4	0	0	0.00	0.21	0
28150017+	28050044	3.53	88 1-	2 ACSR 6/1	0	0	2353	335	381	25	14	0.04	0.53	12
D28-15-P051+	28150017	3.53	87 1-	REC-25-E	0	0	2353	335	377	25	101	0.00	0.53	0
28150028+	D28-15-P051	3.58	87 1-	2 ACSR 6/1	0	0	2311	334	377	25	14	0.02	0.55	6
28150027+	28150028	3.66	79 1-	2 ACSR 6/1	0	0	2256	333	337	22	13	0.03	0.58	7
28150030+	28150027	3.74	78 1-	2 ACSR 6/1	0	0	2203	332	331	22	12	0.03	0.60	7
28150031+	28150030	3.83	78 1-	2 ACSR 6/1	0	0	2145	331	331	22	12	0.03	0.63	8
28150032+	28150031	4.21	78 1-	2 ACSR 6/1	0	0	1924	326	331	22	12	0.13	0.76	33
28150019+	28150032	4.33	76 1-	2 ACSR 6/1	0	0	1865	324	318	21	12	0.04	0.80	9
28150020+	28150019	4.43	72 1-	2 ACSR 6/1	0	0	1817	323	306	20	11	0.03	0.83	8
28150029+	28150020	4.54	72 1-	2 ACSR 6/1	0	0	1769	321	306	20	11	0.03	0.86	8
28250031+	28150029	4.70	69 1-	2 ACSR 6/1	0	0	1701	319	296	19	11	0.05	0.91	11
28250032+	28250031	4.79	69 1-	2 ACSR 6/1	0	0	1662	318	296	19	11	0.03	0.94	7
28250025+	28250032	4.81	62 1-	2 ACSR 6/1	0	0	1654	318	257	17	10	0.00	0.95	0
28250026+	28250025	4.89	59 1-	2 ACSR 6/1	0	0	1624	317	250	16	9	0.02	0.97	4
28250028+	28250026	5.01	57 1-	2 ACSR 6/1	0	0	1581	315	241	16	9	0.03	1.00	5
28250040+	28250028	5.05	55 1-	2 ACSR 6/1	0	0	1565	315	235	15	9	0.01	1.01	2
28250041+	28250040	5.21	55 1-	2 ACSR 6/1	0	0	1512	313	235	15	9	0.04	1.04	7
28250022+	28250041	5.27	54 1-	2 ACSR 6/1	0	0	1491	312	232	15	9	0.01	1.06	3
28250023+	28250022	5.37	52 1-	2 ACSR 6/1	0	0	1462	311	229	15	9	0.02	1.08	4
28250029+	28250023	5.42	51 1-	2 ACSR 6/1	0	0	1448	310	220	14	8	0.01	1.09	2
28250030+	28250029	5.49	49 1-	2 ACSR 6/1	0	0	1427	309	216	14	8	0.02	1.11	3
28250036+	28250030	5.57	43 1-	2 ACSR 6/1	0	0	1403	308	193	13	7	0.02	1.12	2
28250037+	28250036	5.62	1 1-	2 ACSR 6/1	0	0	1389	307	2	0	0	0.00	1.12	0
28250035+	28250036	5.65	1 1-	2 ACSR 6/1	0	0	1382	307	1	0	0	0.00	1.12	0
28250034+	28250036	5.66	39 1-	2 ACSR 6/1	0	0	1376	307	184	12	7	0.02	1.14	3
D28-35-P004+	28250034	5.66	3 1-	FUS	0	0	1376	307	14	0	22	0.00	1.14	0
28350015+	D28-35-P004	5.69	3 1-	2 ACSR 6/1	0	0	1370	307	14	0	1	0.00	1.14	0
28350032+	28350015	6.24	2 1-	2 ACSR 6/1	0	0	1234	300	11	0	0	0.01	1.15	0
28240001+	28350032	6.30	2 1-	2 ACSR 6/1	0	0	1222	299	11	0	0	0.00	1.15	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
28240002+	28240001	6.65	2 1-	2 ACSR 6/1	0	0	1150	295	11	0	0	0.00	1.15	0
28250039+	28240002	6.82	2 1-	2 ACSR 6/1	0	0	1119	293	11	0	0	0.00	1.15	0
28250038+	28250039	6.86	1 1-	2 ACSR 6/1	0	0	1110	293	7	0	0	0.00	1.15	0
28350024+	28250034	5.67	36 1-	2 ACSR 6/1	0	0	1374	307	170	11	6	0.00	1.14	0
28-35-P004-B+	28350024	5.67	36 1-	Closed	0	0	1374	307	170	11	0	0.00	1.14	0
28-35-P004-A+	28-35-P004-B	5.67	36 1-	Closed	0	0	1374	307	170	11	0	0.00	1.14	0
28350025+	28-35-P004-A	5.72	36 1-	2 ACSR 6/1	0	0	1363	306	170	11	6	0.01	1.15	0
28350018+	28350025	5.77	1 1-	2 ACSR 6/1	0	0	1347	306	4	0	0	0.00	1.15	0
28350029+	28350025	5.77	34 1-	2 ACSR 6/1	0	0	1349	306	158	10	6	0.01	1.16	0
28350030+	28350029	5.82	32 1-	2 ACSR 6/1	0	0	1335	305	150	10	6	0.01	1.17	0
28350036+	28350030	5.85	2 1-	2 ACSR 6/1	0	0	1326	305	6	0	0	0.00	1.17	0
28350033+	28350030	5.88	5 1-	2 ACSR 6/1	0	0	1320	304	32	2	1	0.00	1.17	0
28350034+	28350033	5.95	2 1-	2 ACSR 6/1	0	0	1301	303	12	0	0	0.00	1.17	0
28350019+	28350030	5.87	25 1-	2 ACSR 6/1	0	0	1323	304	112	7	4	0.01	1.17	0
28350031+	28350019	5.95	18 1-	2 ACSR 6/1	0	0	1302	303	83	5	3	0.01	1.18	0
28350026+	28350031	6.02	14 1-	2 ACSR 6/1	0	0	1286	303	71	4	3	0.00	1.18	0
28350028+	28350026	6.18	6 1-	2 ACSR 6/1	0	0	1249	301	29	1	1	0.00	1.19	0
28350023+	28350028	6.23	4 1-	2 ACSR 6/1	0	0	1237	300	22	1	1	0.00	1.19	0
28350035+	28350028	6.28	1 1-	2 ACSR 6/1	0	0	1225	299	3	0	0	0.00	1.19	0
28350027+	28350026	6.07	4 1-	2 ACSR 6/1	0	0	1274	302	26	1	1	0.00	1.18	0
28350021+	28350027	6.11	2 1-	2 ACSR 6/1	0	0	1265	302	7	0	0	0.00	1.18	0
28350022+	28350021	6.14	2 1-	2 ACSR 6/1	0	0	1256	301	7	0	0	0.00	1.18	0
28350020+	28350027	6.13	1 1-	2 ACSR 6/1	0	0	1259	301	9	0	0	0.00	1.18	0
28350001+	28350019	5.89	4 1-	2 ACSR 6/1	0	0	1316	304	24	1	1	0.00	1.17	0
28350016+	28350019	5.89	3 1-	2 ACSR 6/1	0	0	1317	304	6	0	0	0.00	1.17	0
28350017+	28350016	6.13	1 1-	2 ACSR 6/1	0	0	1260	301	5	0	0	0.00	1.17	0
28250042+	28250030	5.53	3 1-	2 ACSR 6/1	0	0	1414	309	16	1	1	0.00	1.11	0
28250033+	28250042	5.71	1 1-	2 ACSR 6/1	0	0	1365	306	8	0	0	0.00	1.11	0
28250024+	28250030	5.53	3 1-	2 ACSR 6/1	0	0	1414	309	6	0	0	0.00	1.11	0
28250027+	28250026	5.00	1 1-	2 ACSR 6/1	0	0	1586	315	6	0	0	0.00	0.97	0
28250019+	28250032	4.82	7 1-	2 ACSR 6/1	0	0	1651	317	38	2	1	0.00	0.94	0
28250020+	28250019	4.84	4 1-	2 ACSR 6/1	0	0	1646	317	21	1	1	0.00	0.94	0
28250021+	28250020	4.90	2 1-	2 ACSR 6/1	0	0	1621	316	10	0	0	0.00	0.94	0
28150025+	28150027	3.79	1 1-	2 ACSR 6/1	0	0	2169	331	6	0	0	0.00	0.58	0
28150026+	28150028	3.64	4 1-	2 ACSR 6/1	0	0	2269	333	10	0	0	0.00	0.55	0
28150014+	28150026	3.68	3 1-	2 ACSR 6/1	0	0	2245	333	10	0	0	0.00	0.55	0
28150021+	28150028	3.63	3 1-	2 ACSR 6/1	0	0	2280	334	28	1	1	0.00	0.55	0
28150022+	28150021	3.71	2 1-	2 ACSR 6/1	0	0	2222	332	18	1	1	0.00	0.55	0
28150023+	28150022	3.76	1 1-	2 ACSR 6/1	0	0	2190	332	8	0	0	0.00	0.55	0
28150024+	28150023	3.81	0 1-	2 ACSR 6/1	0	0	2158	331	0	0	0	0.00	0.55	0
28150016+	28150024	3.91	0 1-	2 ACSR 6/1	0	0	2092	330	0	0	0	0.00	0.55	0
28150015+	28150024	3.95	0 1-	2 ACSR 6/1	0	0	2072	329	0	0	0	0.00	0.55	0
28050025+	28040016	3.33	3 1-	2 ACSR 6/1	0	0	2481	337	8	0	0	0.00	0.17	0
28050026+	28050025	3.39	2 1-	2 ACSR 6/1	0	0	2432	336	7	0	0	0.00	0.17	0
28040015+	28040014	3.05	1 1-	2 ACSR 6/1	0	0	2706	340	2	0	0	0.00	0.14	0
22940031+	22940030	2.64	1 1-	2 ACSR 6/1	0	0	3092	344	8	0	0	0.00	0.11	0
22940029+	22940008	2.60	49 1-	2 ACSR 6/1	0	0	3120	344	200	13	7	0.02	0.13	2
22940033+	22940029	2.67	47 1-	2 ACSR 6/1	0	0	3040	343	189	12	7	0.01	0.14	2
22940035+	22940033	2.70	0 1-	2 ACSR 6/1	0	0	3004	343	0	0	0	0.00	0.14	0
22940034+	22940033	2.77	46 1-	2 ACSR 6/1	0	0	2925	342	185	12	7	0.02	0.16	3
D22-94-P020+	22940034	2.77	46 1-	REC-25-E	0	0	2925	342	185	12	49	0.00	0.16	0
22940007+	D22-94-P020	2.81	46 1-	2 ACSR 6/1	0	0	2883	341	185	12	7	0.01	0.17	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22940012+	22940007	2.83	31 1-	2 ACSR 6/1	0	0	2853	341	119	7	4	0.00	0.17	0
22940014+	22940012	2.86	29 1-	2 ACSR 6/1	0	0	2822	340	110	7	4	0.00	0.17	0
22940015+	22940014	2.95	0 1-	2 ACSR 6/1	0	0	2730	339	0	0	0	0.00	0.17	0
22940013+	22940014	3.00	27 1-	2 ACSR 6/1	0	0	2685	338	104	6	4	0.01	0.19	1
22840020+	22940013	3.18	1 1-	2 ACSR 6/1	0	0	2515	336	11	0	0	0.00	0.19	0
22840008+	22940013	3.09	26 1-	2 ACSR 6/1	0	0	2596	337	93	6	3	0.01	0.20	0
22940020+	22840008	3.12	24 1-	2 ACSR 6/1	0	0	2571	337	84	5	3	0.00	0.20	0
22940021+	22940020	3.26	23 1-	2 ACSR 6/1	0	0	2447	335	84	5	3	0.01	0.21	0
22940022+	22940021	3.30	22 1-	2 ACSR 6/1	0	0	2417	334	80	5	3	0.00	0.22	0
22940024+	22940022	3.51	20 1-	2 ACSR 6/1	0	0	2259	331	73	4	3	0.01	0.23	0
22940025+	22940024	3.56	19 1-	2 ACSR 6/1	0	0	2221	331	67	4	2	0.00	0.23	0
22940023+	22940025	3.70	17 1-	2 ACSR 6/1	0	0	2133	329	65	4	2	0.01	0.24	0
22940044+	22940023	3.78	2 1-	2 ACSR 6/1	0	0	2079	328	14	0	1	0.00	0.24	0
22940047+	22940044	3.84	1 1-	2 ACSR 6/1	0	0	2044	327	7	0	0	0.00	0.24	0
22940046+	22940044	3.85	1 1-	2 ACSR 6/1	0	0	2040	327	7	0	0	0.00	0.24	0
22940043+	22940023	3.90	14 1-	2 ACSR 6/1	0	0	2010	326	47	3	2	0.01	0.25	0
28040017+	22940043	4.04	14 1-	2 ACSR 6/1	0	0	1932	324	47	3	2	0.01	0.26	0
28040018+	28040017	4.23	14 1-	2 ACSR 6/1	0	0	1835	322	47	3	2	0.01	0.27	0
28040004+	28040018	4.34	1 1-	2 ACSR 6/1	0	0	1786	320	10	0	0	0.00	0.27	0
28040003+	28040018	4.61	13 1-	2 ACSR 6/1	0	0	1670	317	37	2	1	0.01	0.28	0
20851709+	28040003	4.68	12 1-	2 ACSR 6/1	0	0	1642	316	31	2	1	0.00	0.28	0
20851711+	20851709	4.73	4 1-	2 ACSR 6/1	0	0	1624	315	10	0	0	0.00	0.28	0
28140003+	20851711	4.76	3 1-	2 ACSR 6/1	0	0	1612	315	6	0	0	0.00	0.28	0
28140004+	28140003	4.78	2 1-	2 ACSR 6/1	0	0	1604	314	3	0	0	0.00	0.28	0
20851710+	20851709	4.72	7 1-	2 ACSR 6/1	0	0	1626	315	19	1	1	0.00	0.29	0
20851683+	20851710	5.02	1 1-	2 ACSR 6/1	0	0	1520	311	1	0	0	0.00	0.29	0
28140002+	20851710	4.93	6 1-	2 ACSR 6/1	0	0	1550	313	19	1	1	0.00	0.29	0
20851684+	28140002	5.02	1 1-	2 ACSR 6/1	0	0	1519	311	7	0	0	0.00	0.29	0
20851641+	28140002	5.03	4 1-	2 ACSR 6/1	0	0	1516	311	10	0	0	0.00	0.29	0
20851712+	20851641	5.11	3 1-	2 ACSR 6/1	0	0	1492	310	6	0	0	0.00	0.29	0
20851713+	20851712	5.17	1 1-	2 ACSR 6/1	0	0	1473	310	1	0	0	0.00	0.29	0
20851640+	28140002	5.01	1 1-	2 ACSR 6/1	0	0	1523	312	2	0	0	0.00	0.29	0
20851293+	28040003	4.69	1 1-	2 ACSR 6/1	0	0	1638	316	6	0	0	0.00	0.28	0
22940017+	22940022	3.34	2 1-	2 ACSR 6/1	0	0	2382	334	7	0	0	0.00	0.22	0
22940019+	22940017	3.39	1 1-	2 ACSR 6/1	0	0	2346	333	6	0	0	0.00	0.22	0
22940018+	22940017	3.77	0 1-	2 ACSR 6/1	0	0	2086	328	0	0	0	0.00	0.22	0
22940016+	22840008	3.15	2 1-	2 ACSR 6/1	0	0	2540	336	10	0	0	0.00	0.20	0
22940036+	22940007	2.87	13 1-	2 ACSR 6/1	0	0	2816	340	56	3	2	0.00	0.17	0
22940037+	22940036	2.92	11 1-	2 ACSR 6/1	0	0	2758	340	51	3	2	0.00	0.17	0
22940038+	22940037	2.97	1 1-	2 ACSR 6/1	0	0	2709	339	6	0	0	0.00	0.17	0
22940010+	22940037	2.96	2 1-	2 ACSR 6/1	0	0	2719	339	12	0	0	0.00	0.17	0
22940011+	22940037	2.98	2 1-	2 ACSR 6/1	0	0	2697	339	7	0	0	0.00	0.17	0
22940039+	22940037	2.98	3 1-	2 ACSR 6/1	0	0	2700	339	15	1	1	0.00	0.17	0
22940040+	22940039	3.04	2 1-	2 ACSR 6/1	0	0	2646	338	7	0	0	0.00	0.17	0
22940026+	22940007	2.84	1 1-	2 ACSR 6/1	0	0	2848	341	9	0	0	0.00	0.17	0
22850041+	20850114	2.04	3 1-	2 ACSR 6/1	0	0	3868	350	9	0	0	0.00	0.09	0
22840015+	22850041	2.07	1 1-	2 ACSR 6/1	0	0	3801	349	8	0	0	0.00	0.09	0

CKT 2 total losses:

\$12,085

Title: CUMBERLAND VALLEY ELECTRIC COOPERATIVE - KENTUCKY 57 BELL - GRAY, KENTUCKY
 Case: 2007 - 2010 CONSTRUCTION WORK PLAN - FUTURE WINTER 2010/11 SYSTEM AFTER SYSTEM IMPROVEMENTS
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

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

SUB	0	total losses:												\$14,663

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 21	EMMANUEL(21)														
SUB 21,	CKT 1	1696			5109	5225	5430	190	11117						
	BK2101	EMMANUEL(21)	0.00	741 3-	BK2101	5109	5225	5430	190	4580	191 48	0.00	0.00	0.00	0
	10560096	BK2101	0.04	741 3-	336 ACSR 18/1	5026	5122	5279	190	4580	191 36	0.07	0.04	140	140
	10560100	10560096	0.12	741 3-	336 ACSR 18/1	4855	4914	4982	190	4579	191 36	0.15	0.12	299	299
	10560103	10560100	0.20	740 3-	336 ACSR 18/1	4708	4737	4736	190	4574	191 36	0.13	0.20	274	274
	10560086	10560103	0.41	739 3-	336 ACSR 18/1	4351	4315	4176	189	4557	190 36	0.36	0.40	730	730
	10660177	10560086	0.48	737 3-	336 ACSR 18/1	4245	4193	4019	189	4531	189 36	0.12	0.47	237	237
	10660179	10660177	0.52	734 3-	336 ACSR 18/1	4187	4126	3935	189	4516	189 36	0.07	0.50	134	134
	10660170	10660179	0.55	734 3-	336 ACSR 18/1	4138	4070	3865	189	4514	189 36	0.06	0.54	116	116
	10660167	10660170	0.60	731 3-	336 ACSR 18/1	4070	3993	3770	189	4501	188 36	0.08	0.58	163	163
	10660168	10660167	0.67	730 3-	336 ACSR 18/1	3982	3894	3648	189	4481	188 35	0.11	0.64	219	219
	10660151	10660168	0.81	729 3-	336 ACSR 18/1	3798	3689	3402	188	4478	188 35	0.24	0.78	487	487
	10660139	10660151	0.93	728 3-	336 ACSR 18/1	3653	3530	3216	188	4463	187 35	0.20	0.89	416	416
	10660140	10660139	1.02	728 3-	336 ACSR 18/1	3557	3426	3097	188	4459	187 35	0.14	0.97	293	293
	10660081	10660140	1.08	728 3-	4/0 ACSR 6/1	3480	3345	3005	188	4456	187 55	0.14	1.06	315	315
	10660115	10660081	1.12	726 3-	4/0 ACSR 6/1	3424	3286	2938	188	4440	187 55	0.11	1.12	239	239
	10660116	10660115	1.21	725 3-	4/0 ACSR 6/1	3321	3177	2818	187	4430	186 55	0.20	1.25	458	458
D10-66-P075	10660116	10660116	1.21	2 1-	FUS-60 0	0	0	2818	187	14	1 3	0.00	1.04	0	0
	10660131	D10-66-P075	1.30	2 1-	2 ACSR 6/1 0	0	0	2667	187	14	1 1	0.00	1.04	0	0
	10660144	10660116	1.32	708 3-	4/0 ACSR 6/1	3199	3051	2680	187	4328	182 54	0.25	1.40	543	543
	10660143	10660144	1.35	2 1-	2 ACSR 6/1 0	0	0	2620	187	10	1 1	0.00	2.40	0	0
	10660156	10660144	1.36	702 3-	4/0 ACSR 6/1	3154	3004	2630	187	4291	181 53	0.09	1.45	209	209
	10660157	10660156	1.42	700 3-	4/0 ACSR 6/1	3085	2932	2553	187	4279	180 53	0.15	1.55	334	334
	10660113	10660157	1.54	623 3-	4/0 ACSR 6/1	2971	2815	2430	186	3633	153 45	0.20	1.68	404	404
	10760034	10660113	1.64	69 3-	1/0 ACSR 6/1	2860	2699	2320	186	356	15 7	0.02	1.70	20	20
D10-66-P216	10760034	10760034	1.64	69 3-	REC-50-4H 2860	2699	2320	186	356	15 30	0.00	1.70	0	0	
	10660118	D10-66-P216	1.69	66 3-	1/0 ACSR 6/1	2808	2645	2270	185	338	14 6	0.01	1.71	10	10
	10660119	10660118	1.95	65 3-	1/0 ACSR 6/1	2551	2382	2027	184	327	13 6	0.04	1.77	51	51
	10660114	10660119	2.03	64 3-	2 ACSR 6/1	2475	2303	1957	183	320	13 8	0.01	1.79	21	21
	10760035	10660114	2.06	61 3-	2 ACSR 6/1	2442	2268	1927	183	302	12 7	0.01	1.80	9	9
	10760036	10760035	2.09	60 3-	2 ACSR 6/1	2412	2237	1900	183	294	12 7	0.00	1.81	8	8
	10760038	10760036	2.14	2 1-	2 ACSR 6/1 0	0	0	1860	183	20	2 1	0.00	1.87	0	0
	10760026	10760038	2.25	1 1-	2 ACSR 6/1 0	0	0	1770	182	7	0 0	0.00	1.87	0	0
	10760037	10760036	2.21	55 1-	2 ACSR 6/1 0	0	0	1803	182	268	34 19	0.11	1.98	24	24
D10-76-P056	10760037	10760037	2.21	55 1-	REC-35-H 268	268	234	180	327	34 98	0.00	1.98	0	0	
	10760021	D10-76-P056	2.29	55 1-	2 ACSR 6/1 0	0	0	1738	181	268	34 19	0.08	2.06	18	18
	10760023	10760021	2.39	8 1-	2 ACSR 6/1 0	0	0	1670	181	25	3 2	0.01	2.07	0	0
	10760024	10760023	2.49	5 1-	2 ACSR 6/1 0	0	0	1603	180	21	2 1	0.01	2.08	0	0
	10760025	10760024	2.60	4 1-	2 ACSR 6/1 0	0	0	1534	179	19	2 1	0.01	2.09	0	0
	10760027	10760025	3.13	3 1-	2 ACSR 6/1 0	0	0	1270	175	14	1 1	0.01	2.10	0	0
	10760020	10760021	2.36	47 1-	2 ACSR 6/1 0	0	0	1693	181	242	31 17	0.06	2.12	11	11
	10760029	10760020	2.45	46 1-	2 ACSR 6/1 0	0	0	1629	180	237	30 17	0.08	2.20	15	15
	10760030	10760029	2.54	45 1-	2 ACSR 6/1 0	0	0	1572	180	227	29 16	0.07	2.27	13	13
	10760031	10760030	2.57	43 1-	2 ACSR 6/1 0	0	0	1552	179	224	28 16	0.03	2.30	5	5
	10760032	10760031	2.67	42 1-	2 ACSR 6/1 0	0	0	1494	179	220	28 16	0.08	2.38	14	14
	10750053	10760032	2.72	18 1-	2 ACSR 6/1 0	0	0	1468	178	90	11 6	0.02	2.39	1	1
	10750054	10750053	2.78	17 1-	2 ACSR 6/1 0	0	0	1435	178	87	11 6	0.02	2.41	1	1
	10750055	10750054	2.87	15 1-	2 ACSR 6/1 0	0	0	1388	177	75	9 5	0.03	2.44	2	2
	10750077	10750055	2.97	14 1-	2 ACSR 6/1 0	0	0	1344	176	73	9 5	0.02	2.46	1	1
	10750079	10750077	3.00	6 1-	2 ACSR 6/1 0	0	0	1326	176	38	4 3	0.00	2.46	0	0
	10750113	10750079	3.04	1 1-	2 ACSR 6/1 0	0	0	1310	176	10	1 1	0.00	2.46	0	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10750074	10750079	3.07	2 1-	2 ACSR 6/1	0	0	1297	176	6	0	0	0.00	2.46	0
10750078	10750077	3.01	6 1-	2 ACSR 6/1	0	0	1326	176	22	2	0	0.00	2.46	0
10750076	10750078	3.04	3 1-	2 ACSR 6/1	0	0	1309	176	12	1	1	0.00	2.46	0
10750112	10750076	3.09	2 1-	2 ACSR 6/1	0	0	1290	175	9	1	1	0.00	2.46	0
10760042	10750112	3.14	1 1-	2 ACSR 6/1	0	0	1268	175	1	0	0	0.00	2.46	0
10760041	10750112	3.15	1 1-	2 ACSR 6/1	0	0	1262	175	8	1	1	0.00	2.46	0
10750052	10760032	2.72	1 1-	2 ACSR 6/1	0	0	1469	178	7	0	1	0.00	2.38	0
10750051	10760032	2.77	22 1-	2 ACSR 6/1	0	0	1443	178	121	15	9	0.04	2.42	4
10750083	10750051	2.85	19 1-	2 ACSR 6/1	0	0	1401	177	81	10	6	0.02	2.44	1
10750086	10750083	2.94	18 1-	2 ACSR 6/1	0	0	1356	177	76	9	5	0.02	2.46	0
10750110	10750086	3.00	3 1-	2 ACSR 6/1	0	0	1331	176	10	1	1	0.00	2.46	0
10750111	10750110	3.10	2 1-	2 ACSR 6/1	0	0	1286	175	3	0	0	0.00	2.46	0
10750116	10750111	3.17	0 1-	2 ACSR 6/1	0	0	1256	175	0	0	0	0.00	2.46	0
10750087	10750086	2.98	3 1-	2 ACSR 6/1	0	0	1339	176	12	1	1	0.00	2.46	0
10750109	10750087	3.10	2 1-	2 ACSR 6/1	0	0	1286	175	8	1	1	0.00	2.47	0
10750108	10750109	3.13	1 1-	2 ACSR 6/1	0	0	1272	175	7	0	0	0.00	2.47	0
10750071	10750086	3.02	6 1-	2 ACSR 6/1	0	0	1321	176	23	2	2	0.01	2.47	0
10750068	10750071	3.16	2 1-	2 ACSR 6/1	0	0	1260	175	12	1	1	0.00	2.47	0
10750069	10750068	3.22	1 1-	2 ACSR 6/1	0	0	1236	175	4	0	0	0.00	2.47	0
10750056	10750071	3.15	3 1-	2 ACSR 6/1	0	0	1264	175	8	1	1	0.00	2.47	0
10750072	10750056	3.24	1 1-	2 ACSR 6/1	0	0	1226	174	4	0	0	0.00	2.47	0
10750070	10750056	3.20	2 1-	2 ACSR 6/1	0	0	1241	175	4	0	0	0.00	2.47	0
10750073	10750056	3.44	0 1-	2 ACSR 6/1	0	0	1154	173	0	0	0	0.00	2.47	0
10750075	10750051	2.80	3 1-	2 ACSR 6/1	0	0	1424	178	40	5	3	0.00	2.42	0
10750080	10750075	2.83	2 1-	2 ACSR 6/1	0	0	1410	177	29	3	2	0.00	2.43	0
10750082	10750080	2.91	1 1-	2 ACSR 6/1	0	0	1371	177	11	1	1	0.00	2.43	0
10750081	10750080	2.87	1 1-	2 ACSR 6/1	0	0	1389	177	19	2	1	0.00	2.43	0
10760028	10760020	2.44	1 1-	2 ACSR 6/1	0	0	1633	180	5	0	0	0.00	2.12	0
10660161	10660119	2.02	1 1-	2 ACSR 6/1	0	0	1965	184	6	0	0	0.00	0.67	0
10660117	D10-66-P216	1.65	3 1-	2 ACSR 6/1	0	0	2306	186	18	2	1	0.00	2.87	0
10760022	10660113	2.00	553 3-	4/0 ACSR 6/1	2589	2427	2038	185	3262	137	41	0.70	2.13	1317
10770127	10760022	2.12	3 1-	2 ACSR 6/1	0	0	1929	184	22	2	2	0.01	3.55	0
10770129	10770127	2.16	2 1-	2 ACSR 6/1	0	0	1897	183	13	1	1	0.00	3.56	0
10770130	10770129	2.18	1 1-	2 ACSR 6/1	0	0	1874	183	13	1	1	0.00	3.56	0
10770086	10770129	2.21	1 1-	2 ACSR 6/1	0	0	1851	183	0	0	0	0.00	3.56	0
10770134	10770086	2.25	1 1-	2 ACSR 6/1	0	0	1818	183	0	0	0	0.00	3.56	0
10770131	10770086	2.26	0 1-	2 ACSR 6/1	0	0	1815	183	0	0	0	0.00	3.56	0
10770126	10760022	2.09	3 1-	2 ACSR 6/1	0	0	1952	184	8	1	1	0.00	3.55	0
10770125	10760022	2.08	547 3-	4/0 ACSR 6/1	2530	2368	1981	184	3220	136	40	0.12	2.21	230
10770081	10770125	2.14	408 3-	4/0 ACSR 6/1	2492	2330	1943	184	2196	93	27	0.03	2.25	70
10770079	10770081	2.25	407 3-	4/0 ACSR 6/1	2417	2255	1871	184	2188	92	27	0.05	2.32	142
10770133	10770079	2.34	1 1-	2 ACSR 6/1	0	0	1804	183	2	0	0	0.00	1.78	0
10770080	10770079	2.30	406 3-	4/0 ACSR 6/1	2383	2222	1840	184	2184	92	27	0.03	2.35	65
C10-77-P52	10770080	2.30	0 3-	Capacitor	2383	2222	1840	184	0	-13	0	0.00	2.35	0
10770106	10770080	2.39	406 3-	4/0 ACSR 6/1	2332	2171	1791	183	2184	93	27	0.05	2.41	106
10770103	10770106	2.50	404 3-	4/0 ACSR 6/1	2269	2109	1733	183	2166	92	27	0.07	2.50	132
D10-77-P061	10770103	2.50	3 1-	FUS-60	0	0	1733	183	14	1	3	0.00	3.89	0
10770087	D10-77-P061	2.52	3 1-	2 ACSR 6/1	0	0	1714	183	14	1	1	0.00	3.89	0
10770089	10770087	2.57	3 1-	2 ACSR 6/1	0	0	1684	182	14	1	1	0.00	3.90	0
10770090	10770089	2.63	3 1-	2 ACSR 6/1	0	0	1642	182	14	1	1	0.00	3.90	0
10760033	10770090	2.84	2 1-	2 ACSR 6/1	0	0	1520	180	11	1	1	0.00	3.90	0
10770128	10770103	2.61	401 3-	4/0 ACSR 6/1	2209	2050	1678	183	2151	91	27	0.07	2.58	134

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10870052	10770128	2.94	396 3-	4/0 ACSR 6/1	2040	1885	1526	182	2115	90	27	0.19	2.83	401
D10-87-P034	10870052	2.94	4 1-	FUS-60	0	0	1526	182	26	3	6	0.00	4.15	0
10870053	D10-87-P034	2.99	4 1-	2 ACSR 6/1	0	0	1502	181	26	3	2	0.00	4.15	0
10870046	10870053	3.01	3 1-	2 ACSR 6/1	0	0	1491	181	17	2	1	0.00	4.15	0
10870072	10870046	3.12	3 1-	2 ACSR 6/1	0	0	1435	180	17	2	1	0.01	4.16	0
10870073	10870072	3.49	3 1-	2 ACSR 6/1	0	0	1271	177	17	2	1	0.02	4.17	0
10860008	10870073	3.58	2 1-	2 ACSR 6/1	0	0	1236	177	8	0	1	0.00	4.18	0
10860009	10860008	3.75	2 1-	2 ACSR 6/1	0	0	1176	175	8	0	1	0.00	4.18	0
10870047	10870046	3.06	0 1-	2 ACSR 6/1	0	0	1465	181	0	0	0	0.00	4.15	0
10870051	10870052	3.39	391 3-	4/0 ACSR 6/1	1855	1706	1365	180	2079	88	26	0.22	3.15	508
10870040	10870051	3.43	390 3-	4/0 ACSR 6/1	1841	1692	1353	180	2057	88	26	0.02	3.17	44
10870042	10870040	3.51	389 3-	4/0 ACSR 6/1	1808	1661	1325	180	2054	88	26	0.04	3.24	98
10870043	10870042	3.60	388 3-	4/0 ACSR 6/1	1776	1630	1298	179	2042	87	26	0.04	3.30	102
10870044	10870043	3.67	1 1-	2 ACSR 6/1	0	0	1273	179	0	0	0	0.00	4.47	0
10870033	10870043	3.70	387 3-	4/0 ACSR 6/1	1743	1598	1270	179	2041	87	26	0.05	3.37	109
10870037	10870033	3.74	1 1-	2 ACSR 6/1	0	0	1257	179	6	0	0	0.00	4.52	0
10870066	10870033	3.96	386 3-	4/0 ACSR 6/1	1659	1519	1201	178	2034	87	26	0.12	3.55	289
10960015	10870066	4.00	1 1-	2 ACSR 6/1	0	0	1188	178	5	0	0	0.00	4.64	0
10960014	10960015	4.18	1 1-	15 KV 2 URD XLP	0	0	1134	403	5	0	0	0.00	4.65	0
10960013	10870066	4.00	384 3-	4/0 ACSR 6/1	1646	1506	1190	178	2020	86	26	0.02	3.58	47
10960011	10960013	4.10	382 3-	4/0 ACSR 6/1	1618	1479	1166	178	2013	86	25	0.04	3.65	106
10960010	10960011	4.16	1 1-	2 ACSR 6/1	0	0	1146	177	6	0	0	0.00	4.71	0
10960009	10960011	4.41	381 3-	4/0 ACSR 6/1	1533	1399	1098	177	2006	86	25	0.14	3.86	335
D10-96-P005	10960009	4.41	6 1-	REC-25-H	0	0	1098	177	24	3	13	0.00	4.84	0
10960018	D10-96-P005	4.50	6 1-	2 ACSR 6/1	0	0	1071	176	24	3	2	0.01	4.85	0
10960019	10960018	4.61	5 1-	2 ACSR 6/1	0	0	1042	175	13	1	1	0.00	4.85	0
10960012	10960019	4.81	4 1-	2 ACSR 6/1	0	0	990	174	11	1	1	0.01	4.86	0
10860010	10960012	4.89	1 1-	2 ACSR 6/1	0	0	971	173	3	0	0	0.00	4.86	0
10860006	10960012	4.90	2 1-	2 ACSR 6/1	0	0	970	173	5	0	0	0.00	4.86	0
10860007	10860006	4.95	1 1-	2 ACSR 6/1	0	0	957	173	3	0	0	0.00	4.86	0
10960016	10960009	4.96	375 3-	4/0 ACSR 6/1	1400	1274	992	175	1979	85	25	0.22	4.24	594
16060009	10960016	5.02	2 1-	2 ACSR 6/1	0	0	977	174	11	1	1	0.00	5.07	0
16060010	16060009	5.06	1 1-	2 ACSR 6/1	0	0	968	174	10	1	1	0.00	5.07	0
16060011	10960016	5.05	369 3-	4/0 ACSR 6/1	1381	1256	977	174	1951	84	25	0.03	4.30	92
D16-06-P008	16060011	5.05	10 1-	REC-35-H	0	0	977	174	50	6	19	0.00	4.34	0
16060006	D16-06-P008	5.11	10 1-	2 ACSR 6/1	0	0	963	174	50	6	4	0.01	4.36	0
16060014	16060006	5.15	6 1-	2 ACSR 6/1	0	0	953	174	32	4	2	0.01	4.36	0
16060020	16060014	5.19	1 1-	2 ACSR 6/1	0	0	944	173	13	1	1	0.00	4.36	0
16060017	16060014	5.24	3 1-	2 ACSR 6/1	0	0	933	173	12	1	1	0.00	4.36	0
16060018	16060017	5.30	2 1-	2 ACSR 6/1	0	0	921	173	9	1	1	0.00	4.37	0
16060019	16060018	5.35	1 1-	2 ACSR 6/1	0	0	912	172	6	0	0	0.00	4.37	0
16060016	16060014	5.17	2 1-	2 ACSR 6/1	0	0	949	174	7	0	0	0.00	4.36	0
16060015	16060006	5.15	2 1-	2 ACSR 6/1	0	0	953	174	12	1	1	0.00	4.36	0
16060021	16060011	5.10	303 3-	4/0 ACSR 6/1	1371	1246	969	174	1613	69	21	0.03	4.32	36
20851322	16060021	5.13	2 1-	2 ACSR 6/1	0	0	961	174	13	1	1	0.00	3.47	0
20851167	16060021	5.15	299 3-	4/0 ACSR 6/1	1361	1236	960	174	1595	69	20	0.03	4.35	34
20851323	20851167	5.19	293 3-	4/0 ACSR 6/1	1352	1228	954	174	1582	68	20	0.03	4.37	28
20850919	20851323	5.28	4 1-	2 ACSR 6/1	0	0	934	173	27	3	2	0.01	5.19	0
20850920	20850919	5.33	1 1-	2 ACSR 6/1	0	0	924	173	5	0	0	0.00	5.19	0
20850918	20851323	5.26	27 2-	4/0 ACSR 6/1	0	1213	943	174	124	8	2	0.01	4.34	0
16160048	20850918	5.30	1 1-	4/0 ACSR 6/1	0	0	936	174	0	0	0	0.00	5.19	0
16160032	20850918	5.30	25 2-	4/0 ACSR 6/1	0	1205	936	174	119	7	2	0.00	4.35	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16160034	16160032	5.33	3 1-	2 ACSR 6/1	0	0	931 173	18	2	1	0.00	3.51	0	
20851168	16160034	5.35	2 1-	2 ACSR 6/1	0	0	927 173	11	1	1	0.00	3.51	0	
16160033	16160032	5.34	22 2-	4/0 ACSR 6/1	0	1198	930 173	101	6	2	0.00	4.35	0	
20850863	16160033	5.45	5 1-	2 ACSR 6/1	0	0	908 173	17	2	1	0.01	5.20	0	
20850921	20850863	5.51	2 1-	2 ACSR 6/1	0	0	896 172	6	0	0	0.00	5.20	0	
20850864	20850863	5.50	3 1-	2 ACSR 6/1	0	0	897 172	11	1	1	0.00	5.20	0	
20850788	20850864	5.54	2 1-	2 ACSR 6/1	0	0	890 172	8	1	1	0.00	5.20	0	
20850789	16160033	5.39	15 2-	4/0 ACSR 6/1	0	1188	922 173	68	4	1	0.00	4.35	0	
20850790	20850789	5.53	11 2-	4/0 ACSR 6/1	0	1164	903 173	55	3	1	0.00	4.36	0	
16060023	20850790	5.62	5 1-	2 ACSR 6/1	0	0	885 172	22	2	2	0.01	3.53	0	
16060024	16060023	5.66	4 1-	2 ACSR 6/1	0	0	877 172	17	2	1	0.00	3.53	0	
16060025	16060024	5.72	1 1-	2 ACSR 6/1	0	0	866 171	3	0	0	0.00	3.53	0	
16060003	16060025	5.75	1 1-	2 ACSR 6/1	0	0	861 171	3	0	0	0.00	3.53	0	
20851406	20850790	5.64	5 2-	4/0 ACSR 6/1	0	1145	887 172	26	1	1	0.00	4.36	0	
20851407	20851406	5.68	3 1-	2 ACSR 6/1	0	0	878 172	12	1	1	0.00	5.20	0	
D16-16-P071	20851407	5.68	1 1-	FUS	0	0	878 172	4	0	11	0.00	5.20	0	
20851387	D16-16-P071	5.74	1 1-	2 ACSR 6/1	0	0	867 172	4	0	0	0.00	5.20	0	
16160030	20851323	5.22	259 3-	4/0 ACSR 6/1	1347	1223	950 174	1425	61	18	0.01	4.39	16	
16160031	16160030	5.31	258 3-	4/0 ACSR 6/1	1328	1206	935 174	1420	61	18	0.05	4.43	54	
D16-16-P016	16160031	5.31	6 1-	FUS	0	0	935 174	35	4	103	0.00	3.51	0	
20851388	D16-16-P016	5.37	6 1-	2 ACSR 6/1	0	0	921 173	35	4	3	0.01	3.52	0	
20851519	20851388	5.42	4 1-	2 ACSR 6/1	0	0	912 173	12	1	1	0.00	3.52	0	
20851518	16160031	5.39	251 3-	4/0 ACSR 6/1	1313	1191	923 173	1384	59	18	0.04	4.47	45	
D16-16-P018	20851518	5.39	1 1-	FUS-30	0	0	923 173	5	0	3	0.00	5.29	0	
16160035	D16-16-P018	5.43	1 1-	2 ACSR 6/1	0	0	915 173	5	0	0	0.00	5.29	0	
16160013	20851518	5.46	250 3-	4/0 ACSR 6/1	1300	1179	913 173	1378	59	18	0.04	4.50	38	
20851389	16160013	5.49	3 1-	2 ACSR 6/1	0	0	906 173	15	2	1	0.00	3.53	0	
16160014	16160013	5.50	247 3-	4/0 ACSR 6/1	1292	1172	907 173	1362	58	17	0.02	4.51	22	
D16-16-P171	16160014	5.50	247 3-	REC-100-6H	1292	1172	907 173	1362	58	59	0.00	4.51	0	
16160017	D16-16-P171	5.55	247 3-	4/0 ACSR 6/1	1282	1163	900 173	1362	58	17	0.03	4.54	30	
D16-16-P021	16160017	5.55	1 1-	FUS	0	0	900 173	8	0	22	0.00	3.53	0	
20851390	D16-16-P021	5.62	1 1-	2 ACSR 6/1	0	0	885 172	8	0	1	0.00	3.53	0	
16160015	16160017	5.59	246 3-	4/0 ACSR 6/1	1275	1156	894 173	1354	58	17	0.02	4.56	22	
20851393	16160015	5.65	245 3-	4/0 ACSR 6/1	1264	1146	886 172	1347	58	17	0.03	4.58	33	
20851395	20851393	5.80	215 3-	4/0 ACSR 6/1	1237	1121	865 172	1230	53	16	0.08	4.65	66	
20851172	20851395	5.92	3 1-	2 ACSR 6/1	0	0	843 171	2	0	0	0.00	5.51	0	
20851174	20851172	6.06	1 1-	2 ACSR 6/1	0	0	821 170	1	0	0	0.00	5.51	0	
20851173	20851172	5.97	1 1-	2 ACSR 6/1	0	0	836 171	0	0	0	0.00	5.51	0	
16160016	20851395	5.95	212 3-	4/0 ACSR 6/1	1213	1099	846 171	1227	53	16	0.07	4.70	61	
20851398	16160016	5.99	212 3-	4/0 ACSR 6/1	1205	1091	841 171	1226	53	16	0.02	4.72	20	
20851405	20851398	6.05	206 3-	4/0 ACSR 6/1	1196	1083	834 171	1214	52	15	0.03	4.74	24	
20852241	20851405	6.18	205 3-	4/0 ACSR 6/1	1176	1064	818 171	1209	52	15	0.06	4.80	55	
20852242	20852241	6.28	204 3-	4/0 ACSR 6/1	1161	1050	807 170	1208	52	15	0.05	4.83	39	
20852246	20852242	6.38	197 3-	4/0 ACSR 6/1	1145	1035	795 170	1170	50	15	0.05	4.87	42	
20852248	20852246	6.45	195 3-	4/0 ACSR 6/1	1136	1027	788 170	1159	50	15	0.03	4.90	25	
20852249	20852248	6.48	1 1-	2 ACSR 6/1	0	0	783 170	3	0	0	0.00	5.83	0	
20852194	20852248	6.51	193 3-	4/0 ACSR 6/1	1126	1018	780 170	1151	49	15	0.03	4.92	26	
16260007	20852194	6.57	1 1-	2 ACSR 6/1	0	0	772 169	9	1	1	0.00	5.87	0	
16260005	20852194	6.57	189 3-	4/0 ACSR 6/1	1118	1010	774 169	1123	48	14	0.03	4.95	21	
16260006	16260005	6.63	189 3-	4/0 ACSR 6/1	1110	1003	768 169	1123	48	14	0.03	4.97	20	
20852196	16260006	6.77	189 3-	4/0 ACSR 6/1	1091	985	754 169	1123	48	14	0.07	5.02	52	
20852197	20852196	6.91	187 3-	4/0 ACSR 6/1	1072	968	740 168	1110	48	14	0.07	5.07	52	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852062	20852197	6.96	186 3-	4/0 ACSR 6/1	1066	962	735	168	1101	47	14	0.02	5.08	17
20852063	20852062	7.13	185 3-	4/0 ACSR 6/1	1044	942	719	167	1092	47	14	0.08	5.15	60
20852092	20852063	7.24	183 3-	4/0 ACSR 6/1	1031	930	709	167	1087	47	14	0.05	5.18	38
D16-36-P003	20852092	7.24	7 1-	FUS	0	0	709	167	30	3	89	0.00	6.21	0
16360069	D16-36-P003	7.33	7 1-	2 ACSR 6/1	0	0	699	167	30	3	2	0.01	6.22	0
D16-36-P002	16360069	7.33	5 1-	FUS	0	0	699	167	16	2	47	0.00	6.22	0
16360081	D16-36-P002	7.40	5 1-	2 ACSR 6/1	0	0	690	166	16	2	1	0.00	6.22	0
16360049	16360081	7.52	4 1-	2 ACSR 6/1	0	0	676	165	13	1	1	0.01	6.23	0
16360050	16360049	7.57	3 1-	2 ACSR 6/1	0	0	671	165	10	1	1	0.00	6.23	0
16360051	16360050	7.68	1 1-	2 ACSR 6/1	0	0	659	164	5	0	0	0.00	6.23	0
16360062	16360069	7.37	2 1-	2 ACSR 6/1	0	0	694	166	14	1	1	0.00	6.22	0
16360030	20852092	7.31	175 3-	4/0 ACSR 6/1	1024	923	704	167	1054	45	13	0.03	5.20	21
CAP117	16360030	7.31	175 3-	Capacitor	0	0	0	0	1054	45	0	0.00	5.20	0
16360052	CAP117	7.33	4 1-	2 ACSR 6/1	0	0	701	167	11	1	1	0.00	6.23	0
16360029	CAP117	7.36	171 3-	4/0 ACSR 6/1	1018	917	699	167	1043	46	14	0.02	5.23	18
16360053	16360029	7.42	56 3-	1/0 ACSR 6/1	1009	909	694	166	547	24	11	0.03	5.25	12
16360076	16360053	7.60	55 3-	1/0 ACSR 6/1	982	884	675	166	542	24	11	0.10	5.32	41
16260008	16360076	7.77	55 3-	1/0 ACSR 6/1	959	863	660	165	541	24	11	0.09	5.39	36
20852239	16260008	7.96	55 3-	1/0 ACSR 6/1	935	839	643	164	541	24	11	0.10	5.46	40
20852240	20852239	8.34	54 3-	1/0 ACSR 6/1	887	795	612	162	534	23	10	0.21	5.62	82
16270014	20852240	8.38	52 3-	1/0 ACSR 6/1	883	791	609	162	519	23	10	0.02	5.63	7
16270015	16270014	8.46	1 1-	2 ACSR 6/1	0	0	602	161	4	0	0	0.00	6.81	0
16270017	16270015	8.49	1 1-	2 ACSR 6/1	0	0	599	161	4	0	0	0.00	6.81	0
16270012	16270015	8.50	0 1-	2 ACSR 6/1	0	0	598	161	0	0	0	0.00	6.81	0
16270016	16270014	8.51	49 3-	1/0 ACSR 6/1	868	777	599	161	490	22	10	0.06	5.68	25
16270034	16270016	8.61	45 3-	1/0 ACSR 6/1	858	767	592	161	451	20	9	0.03	5.71	17
16270035	16270034	8.85	44 3-	1/0 ACSR 6/1	832	744	574	160	451	20	9	0.08	5.79	42
16270037	16270035	8.90	42 3-	1/0 ACSR 6/1	827	739	571	159	222	9	4	0.01	5.80	4
16270025	16270037	8.96	39 1-	2 ACSR 6/1	0	0	566	159	206	27	15	0.05	6.72	8
16270033	16270025	8.98	38 1-	2 ACSR 6/1	0	0	564	159	205	27	15	0.02	6.73	3
D16-27-P005	16270033	8.98	30 1-	REC-50-H	0	0	564	159	175	23	46	0.00	6.73	0
16270027	D16-27-P005	9.25	30 1-	2 ACSR 6/1	0	0	543	157	175	23	13	0.18	6.91	25
16270028	16270027	9.32	28 1-	2 ACSR 6/1	0	0	538	157	167	22	12	0.04	6.95	6
16270029	16270028	9.35	25 1-	2 ACSR 6/1	0	0	536	157	149	19	11	0.02	6.97	2
16270030	16270029	9.42	23 1-	2 ACSR 6/1	0	0	531	156	131	17	10	0.03	7.00	3
16270031	16270030	9.45	19 1-	2 ACSR 6/1	0	0	529	156	114	15	8	0.01	7.01	1
16270032	16270031	9.50	17 1-	2 ACSR 6/1	0	0	525	156	93	12	7	0.02	7.03	1
16270044	16270032	9.55	15 1-	2 ACSR 6/1	0	0	521	155	74	9	5	0.02	7.04	0
16270045	16270044	9.60	15 1-	2 ACSR 6/1	0	0	518	155	74	9	5	0.01	7.05	0
16270047	16270045	9.63	1 1-	2 ACSR 6/1	0	0	516	155	10	1	1	0.00	7.06	0
16270046	16270045	9.64	14 1-	2 ACSR 6/1	0	0	516	155	64	8	5	0.01	7.06	0
16270022	16270046	9.67	8 1-	2 ACSR 6/1	0	0	513	155	40	5	3	0.01	7.07	0
16270023	16270022	9.75	7 1-	2 ACSR 6/1	0	0	508	154	39	5	3	0.01	7.08	0
16270038	16270023	9.79	6 1-	2 ACSR 6/1	0	0	506	154	34	4	3	0.00	7.08	0
16370011	16270038	9.85	2 1-	2 ACSR 6/1	0	0	502	153	11	1	1	0.00	7.08	0
16370019	16370011	9.90	1 1-	2 ACSR 6/1	0	0	498	153	4	0	0	0.00	7.09	0
16370010	16370019	9.95	1 1-	2 ACSR 6/1	0	0	495	153	4	0	0	0.00	7.09	0
16370012	16270038	9.84	4 1-	2 ACSR 6/1	0	0	502	154	23	3	2	0.00	7.09	0
16370014	16370012	9.91	2 1-	2 ACSR 6/1	0	0	498	153	15	2	1	0.00	7.09	0
16370015	16370014	9.98	1 1-	2 ACSR 6/1	0	0	493	153	11	1	1	0.00	7.09	0
16370013	16370012	9.89	2 1-	2 ACSR 6/1	0	0	499	153	8	1	1	0.00	7.09	0
16270039	16270046	9.81	4 1-	2 ACSR 6/1	0	0	505	154	15	2	1	0.01	7.07	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
16370016	16270039	9.99	3 1-	2 ACSR 6/1	0	0	493	153	11	1	1	0.00	7.07	0
16370017	16370016	10.25	1 1-	2 ACSR 6/1	0	0	477	151	0	0	0	0.00	7.07	0
16370018	16370017	10.54	0 1-	2 ACSR 6/1	0	0	460	149	0	0	0	0.00	7.07	0
16-38-P002-A	16370018	10.54	0 1-	Open	0	0	460	149	0	0	0	0.00	7.07	0
16270026	16270033	9.02	8 1-	2 ACSR 6/1	0	0	561	159	30	3	2	0.00	6.74	0
16270024	16270026	9.25	7 1-	2 ACSR 6/1	0	0	543	157	27	3	2	0.02	6.76	0
20851396	16270024	9.30	6 1-	2 ACSR 6/1	0	0	540	157	24	3	2	0.00	6.76	0
20851593	20851396	9.39	4 1-	2 ACSR 6/1	0	0	533	156	9	1	1	0.00	6.77	0
20851594	20851593	9.43	3 1-	2 ACSR 6/1	0	0	530	156	7	0	1	0.00	6.77	0
20851625	20851594	9.48	2 1-	2 ACSR 6/1	0	0	527	156	5	0	0	0.00	6.77	0
20851592	20851396	9.35	1 1-	2 ACSR 6/1	0	0	536	157	7	0	1	0.00	6.76	0
16270036	16270035	8.89	2 3-	1/0 ACSR 6/1	828	739	571	159	229	10	5	0.01	5.80	1
16270230	16270036	8.89	2 3-	Consumer	828	739	571	159	229	10	0	0.00	5.80	0
16270019	16270016	8.57	3 1-	2 ACSR 6/1	0	0	593	161	23	3	2	0.00	6.87	0
16270021	16270019	8.74	1 1-	2 ACSR 6/1	0	0	578	160	9	1	1	0.00	6.88	0
16270020	16270019	8.65	1 1-	2 ACSR 6/1	0	0	587	160	8	1	1	0.00	6.87	0
16270018	16270016	8.59	1 1-	2 ACSR 6/1	0	0	592	161	16	2	1	0.00	6.87	0
16270013	20852240	8.41	2 1-	2 ACSR 6/1	0	0	606	162	15	1	1	0.00	6.80	0
16360028	16360029	7.37	115 3-	1/0 ACSR 6/1	1017	917	699	167	495	21	9	0.00	5.23	0
16-36-P135-B	16360028	7.37	115 3-	Closed	1017	917	699	167	495	21	0	0.00	5.23	0
16-36-P135-A	16-36-P135-B	7.37	115 3-	Closed	1017	917	699	167	495	21	0	0.00	5.23	0
16360026	16-36-P135-A	7.37	115 3-	1/0 ACSR 6/1	1016	916	698	167	495	21	9	0.00	5.23	0
16360054	16360026	7.49	112 3-	4/0 ACSR 6/1	1003	904	688	166	488	21	6	0.01	5.25	8
16360056	16360054	7.56	111 3-	4/0 ACSR 6/1	995	896	682	166	486	21	6	0.01	5.26	5
16360057	16360056	7.65	107 3-	4/0 ACSR 6/1	985	887	675	166	473	20	6	0.01	5.28	6
16360077	16360057	7.68	97 3-	4/0 ACSR 6/1	981	884	672	166	433	18	6	0.00	5.28	2
16360078	16360077	7.72	97 3-	4/0 ACSR 6/1	977	880	670	166	433	18	6	0.00	5.29	2
D16-36-P070	16360078	7.72	96 3-	REC-70-L	977	880	670	166	424	18	26	0.00	5.29	0
16360032	D16-36-P070	7.77	96 3-	4/0 ACSR 6/1	971	875	665	165	424	18	5	0.00	5.30	3
16360033	16360032	7.86	94 3-	4/0 ACSR 6/1	962	866	658	165	420	18	5	0.01	5.31	5
16360075	16360033	7.93	1 1-	2 ACSR 6/1	0	0	651	165	3	0	0	0.00	6.30	0
16360037	16360033	7.95	92 3-	4/0 ACSR 6/1	953	857	651	165	415	18	5	0.01	5.33	5
16360072	16360037	8.04	83 3-	4/0 ACSR 6/1	944	849	645	165	356	15	5	0.01	5.34	3
16360074	16360072	8.12	1 1-	2 ACSR 6/1	0	0	637	164	6	0	0	0.00	3.89	0
16360082	16360074	8.18	0 1-	2 ACSR 6/1	0	0	631	164	0	0	0	0.00	3.89	0
16360073	16360072	8.12	82 3-	4/0 ACSR 6/1	936	842	639	164	350	15	5	0.01	5.35	3
16360034	16360073	8.23	80 3-	4/0 ACSR 6/1	925	832	631	164	347	15	4	0.01	5.36	4
16360036	16360034	8.43	76 3-	4/0 ACSR 6/1	906	815	618	163	337	14	4	0.02	5.39	6
20851600	16360036	8.51	8 1-	2 ACSR 6/1	0	0	610	163	39	5	3	0.01	3.97	0
20851601	20851600	8.58	2 1-	2 ACSR 6/1	0	0	604	162	16	2	1	0.00	3.97	0
20851599	20851600	8.57	3 1-	2 ACSR 6/1	0	0	605	162	6	0	0	0.00	3.97	0
20851598	16360036	8.50	1 1-	2 ACSR 6/1	0	0	611	163	3	0	0	0.00	3.96	0
20851602	16360036	8.56	66 3-	4/0 ACSR 6/1	894	804	609	163	290	12	4	0.02	5.40	3
20851603	20851602	8.61	65 3-	4/0 ACSR 6/1	890	800	606	163	289	12	4	0.01	5.41	1
16460005	20851603	8.71	14 1-	2 ACSR 6/1	0	0	597	162	57	7	4	0.02	4.00	0
D16-46-P016	16460005	8.71	14 1-	REC-35-H	0	0	597	162	57	7	21	0.00	4.00	0
20851559	D16-46-P016	8.75	14 1-	2 ACSR 6/1	0	0	593	162	57	7	4	0.01	4.00	0
20852188	20851559	8.79	13 1-	2 ACSR 6/1	0	0	589	161	54	7	4	0.01	4.01	0
20852311	20852188	8.89	4 1-	2 ACSR 6/1	0	0	581	161	10	1	1	0.00	4.02	0
20852312	20852311	9.01	3 1-	2 ACSR 6/1	0	0	571	160	7	0	1	0.00	4.02	0
20852192	20852312	9.05	3 1-	2 ACSR 6/1	0	0	568	160	7	0	1	0.00	4.02	0
20852193	20852192	9.08	2 1-	2 ACSR 6/1	0	0	566	160	4	0	0	0.00	4.02	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852157	20852188	8.86	1 1-	2 ACSR 6/1	0	0	584	161	3	0	0	0.00	4.01	0
20852190	20852188	8.87	2 1-	2 ACSR 6/1	0	0	583	161	10	1	1	0.00	4.02	0
20852191	20852190	8.96	1 1-	2 ACSR 6/1	0	0	576	160	7	0	1	0.00	4.02	0
20852189	20852188	8.90	5 1-	2 ACSR 6/1	0	0	581	161	29	3	2	0.01	4.02	0
20852159	20852189	9.12	4 1-	2 ACSR 6/1	0	0	563	159	24	3	2	0.02	4.04	0
20852160	20852159	9.30	3 1-	2 ACSR 6/1	0	0	548	158	20	2	1	0.01	4.05	0
20852158	20852189	8.93	1 1-	2 ACSR 6/1	0	0	578	161	4	0	0	0.00	4.02	0
20851604	20851603	8.69	51 3-	4/0 ACSR 6/1	883	793	600	162	232	10	3	0.02	5.41	2
20851558	20851604	8.90	49 3-	4/0 ACSR 6/1	865	777	587	162	227	10	3	0.05	5.43	4
D16-47-P002	20851558	8.90	4 1-	FUS	0	0	587	162	20	2	59	0.00	6.45	0
16470007	D16-47-P002	16470007	4 1-	2 ACSR 6/1	0	0	576	161	20	2	1	0.01	6.46	0
16470009	16470007	9.13	1 1-	2 ACSR 6/1	0	0	568	160	2	0	0	0.00	6.46	0
16470008	16470007	9.15	2 1-	2 ACSR 6/1	0	0	567	160	13	1	1	0.00	6.47	0
16470010	20851558	9.05	45 3-	4/0 ACSR 6/1	852	766	578	161	208	9	3	0.03	5.44	2
16470011	16470010	9.26	44 3-	4/0 ACSR 6/1	836	751	567	161	200	8	3	0.04	5.46	3
16470012	16470011	9.35	41 3-	4/0 ACSR 6/1	829	744	562	160	187	8	2	0.02	5.46	1
16470014	16470012	9.45	40 3-	4/0 ACSR 6/1	821	737	556	160	178	7	2	0.02	5.47	1
16470015	16470014	9.55	39 3-	4/0 ACSR 6/1	814	730	551	160	176	7	2	0.02	5.48	1
16470004	16470015	9.68	39 3-	4/0 ACSR 6/1	804	721	544	159	176	7	2	0.02	5.48	2
16470006	16470004	9.99	38 3-	4/0 ACSR 6/1	782	702	528	158	171	7	2	0.05	5.50	4
16480013	16470006	10.05	34 3-	4/0 ACSR 6/1	778	698	525	158	152	6	2	0.01	5.51	0
16480015	16480013	10.09	2 1-	2 ACSR 6/1	0	0	522	158	7	0	1	0.00	5.87	0
16480014	16480013	10.14	32 3-	4/0 ACSR 6/1	772	692	521	158	145	6	2	0.02	5.51	1
16480018	16480014	10.23	30 3-	4/0 ACSR 6/1	766	687	517	158	139	6	2	0.01	5.52	0
16480019	16480018	10.31	28 3-	4/0 ACSR 6/1	761	682	513	157	133	5	2	0.02	5.52	0
16480020	16480019	10.37	27 3-	4/0 ACSR 6/1	757	678	510	157	131	5	2	0.01	5.52	0
D16-48-P009	16480020	10.37	5 1-	FUS-30	0	0	510	157	16	2	8	0.00	6.71	0
16480031	D16-48-P009	16480031	5 1-	2 ACSR 6/1	0	0	506	157	16	2	1	0.00	6.72	0
16480022	16480031	10.53	4 1-	2 ACSR 6/1	0	0	500	156	15	1	1	0.01	6.72	0
20852052	16480022	10.56	3 1-	2 ACSR 6/1	0	0	498	156	11	1	1	0.00	6.72	0
16480023	16480022	10.65	0 1-	2 ACSR 6/1	0	0	493	155	0	0	0	0.00	6.72	0
16480024	16480020	10.44	22 3-	4/0 ACSR 6/1	752	674	507	157	115	5	1	0.01	5.53	0
16480030	16480024	10.57	1 1-	2 ACSR 6/1	0	0	499	156	19	2	1	0.00	5.86	0
16480025	16480024	10.51	20 3-	4/0 ACSR 6/1	748	670	504	157	96	4	1	0.01	5.53	0
16480026	16480025	10.58	19 3-	4/0 ACSR 6/1	744	666	501	156	94	4	1	0.01	5.53	0
D16-38-P013	16480026	10.58	15 1-	REC-25-H	0	0	501	156	72	9	38	0.00	6.74	0
16380011	D16-38-P013	10.62	15 1-	2 ACSR 6/1	0	0	498	156	72	9	5	0.01	6.76	0
16480028	16380011	10.66	14 1-	2 ACSR 6/1	0	0	495	156	70	9	5	0.01	6.77	0
16480029	16480028	10.74	11 1-	2 ACSR 6/1	0	0	491	155	55	7	4	0.02	6.78	0
20851560	16480029	10.83	9 1-	2 ACSR 6/1	0	0	486	155	51	6	4	0.02	6.80	0
20851561	20851560	10.89	1 1-	2 ACSR 6/1	0	0	482	154	11	1	1	0.00	6.80	0
20851562	20851560	10.91	8 1-	2 ACSR 6/1	0	0	481	154	40	5	3	0.01	6.81	0
20851657	20851562	10.96	6 1-	2 ACSR 6/1	0	0	478	154	29	3	2	0.00	6.81	0
20852051	20851657	11.04	2 1-	2 ACSR 6/1	0	0	474	154	13	1	1	0.00	6.82	0
16480021	20852051	11.11	1 1-	2 ACSR 6/1	0	0	469	153	5	0	0	0.00	6.82	0
16480027	16380011	10.65	1 1-	2 ACSR 6/1	0	0	496	156	2	0	0	0.00	6.76	0
16380015	16480026	10.64	1 1-	2 ACSR 6/1	0	0	497	156	9	1	1	0.00	6.75	0
16380014	16480026	10.66	3 3-	4/0 ACSR 6/1	739	662	497	156	13	0	0	0.00	5.53	0
D16-38-P015	16380014	10.66	0 1-	FUS	0	0	497	156	0	0	0	0.00	4.00	0
16380010	D16-38-P015	10.72	0 1-	2 ACSR 6/1	0	0	494	156	0	0	0	0.00	4.00	0
16380016	16380014	10.72	3 1-	2 ACSR 6/1	0	0	493	156	13	1	1	0.00	5.85	0
16380013	16380014	10.83	0 3-	4/0 ACSR 6/1	728	652	490	156	0	0	0	0.00	5.53	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16-38-P042-A	16380013	10.83	0 3-	Open	728	652	490	156	0	0	0	0.00	5.53	0
16480017	16480014	10.24	1 1-	2 ACSR 6/1	0	0	514	157	1	0	0	0.00	4.00	0
16480016	16480014	10.18	1 1-	2 ACSR 6/1	0	0	518	158	4	0	0	0.00	5.86	0
16480012	16470006	10.05	2 1-	2 ACSR 6/1	0	0	524	158	14	1	1	0.00	4.00	0
16470005	16470004	9.75	1 1-	2 ACSR 6/1	0	0	539	159	4	0	0	0.00	6.59	0
16470013	16470012	9.40	1 1-	2 ACSR 6/1	0	0	557	160	9	1	1	0.00	3.99	0
16360035	16360034	8.32	0 1-	2 ACSR 6/1	0	0	623	163	0	0	0	0.00	5.82	0
16360038	16360037	8.09	8 1-	2 ACSR 6/1	0	0	638	164	56	7	4	0.03	3.91	1
16360079	16360038	8.14	7 1-	2 ACSR 6/1	0	0	633	164	50	6	4	0.01	3.92	0
16360080	16360079	8.26	7 1-	2 ACSR 6/1	0	0	621	163	50	6	4	0.02	3.93	0
16360040	16360080	8.31	4 1-	2 ACSR 6/1	0	0	616	162	30	3	2	0.01	3.94	0
16360042	16360040	8.36	2 1-	2 ACSR 6/1	0	0	612	162	14	1	1	0.00	3.94	0
16360070	16360042	8.40	1 1-	2 ACSR 6/1	0	0	608	162	6	0	0	0.00	3.94	0
16360071	16360070	8.43	1 1-	15 KV 2 URD XLP	0	0	605	321	6	0	0	0.00	3.94	0
16360041	16360040	8.35	2 1-	2 ACSR 6/1	0	0	613	162	16	2	1	0.00	3.94	0
16360039	16360041	8.42	1 1-	2 ACSR 6/1	0	0	606	162	6	0	0	0.00	3.94	0
16360047	16360078	7.77	1 1-	2 ACSR 6/1	0	0	663	165	10	1	1	0.00	3.82	0
16360058	16360057	7.68	10 1-	2 ACSR 6/1	0	0	672	166	40	5	3	0.00	5.75	0
16360059	16360058	7.75	6 1-	2 ACSR 6/1	0	0	664	165	24	3	2	0.01	5.76	0
16360060	16360059	7.79	4 1-	2 ACSR 6/1	0	0	660	165	14	1	1	0.00	5.76	0
16360061	16360060	7.82	3 1-	2 ACSR 6/1	0	0	657	165	14	1	1	0.00	5.76	0
16360031	16360061	7.87	1 1-	2 ACSR 6/1	0	0	651	164	8	1	1	0.00	5.76	0
16360055	16360056	7.61	3 1-	2 ACSR 6/1	0	0	677	166	3	0	0	0.00	6.28	0
16360027	16360026	7.45	3 3-	1/0 ACSR 6/1	1004	904	690	166	8	0	0	0.00	5.23	0
16360044	16360027	7.51	3 1-	2 ACSR 6/1	0	0	684	166	8	1	1	0.00	3.75	0
16260001	20852197	7.00	1 1-	2 ACSR 6/1	0	0	728	168	8	1	1	0.00	3.70	0
20852195	20852194	6.60	1 1-	2 ACSR 6/1	0	0	768	169	4	0	0	0.00	3.66	0
20852247	20852246	6.43	2 1-	2 ACSR 6/1	0	0	788	170	11	1	1	0.00	5.80	0
20852243	20852242	6.32	6 1-	2 ACSR 6/1	0	0	800	170	33	4	2	0.00	3.64	0
20852245	20852243	6.37	3 1-	2 ACSR 6/1	0	0	793	170	15	1	1	0.00	3.64	0
20852244	20852243	6.35	2 1-	2 ACSR 6/1	0	0	795	170	6	0	0	0.00	3.64	0
20851178	20851398	6.03	5 1-	2 ACSR 6/1	0	0	834	171	11	1	1	0.00	5.61	0
20851175	20851178	6.35	4 1-	2 ACSR 6/1	0	0	783	169	10	1	1	0.01	5.62	0
D16-16-P039	20851175	6.35	4 1-	FUS-50	0	0	783	169	10	1	3	0.00	5.62	0
20850659	D16-16-P039	6.63	4 1-	2 ACSR 6/1	0	0	742	167	10	1	1	0.01	5.63	0
20850660	20850659	6.67	3 1-	2 ACSR 6/1	0	0	737	166	8	1	1	0.00	5.63	0
20850862	20850660	6.78	1 1-	2 ACSR 6/1	0	0	722	166	4	0	0	0.00	5.63	0
20851394	20851393	5.77	2 1-	2 ACSR 6/1	0	0	864	172	6	0	0	0.00	4.78	0
20851171	20851394	5.83	1 1-	2 ACSR 6/1	0	0	853	171	4	0	0	0.00	4.78	0
20851170	20851394	5.82	1 1-	2 ACSR 6/1	0	0	854	171	2	0	0	0.00	4.78	0
20851392	20851393	5.74	27 1-	2 ACSR 6/1	0	0	868	172	110	14	8	0.04	4.82	3
D16-16-P046	20851392	5.74	24 1-	REC-50-H	0	0	868	172	103	13	27	0.00	4.82	0
20851176	D16-16-P046	5.80	24 1-	2 ACSR 6/1	0	0	858	171	103	13	7	0.02	4.84	2
20851177	20851176	5.85	23 1-	2 ACSR 6/1	0	0	848	171	101	13	7	0.02	4.86	2
16160036	20851177	5.93	22 1-	2 ACSR 6/1	0	0	834	170	97	12	7	0.03	4.89	2
16160037	16160036	6.17	22 1-	2 ACSR 6/1	0	0	795	169	97	12	7	0.09	4.97	7
16160027	16160037	6.19	8 1-	2 ACSR 6/1	0	0	792	169	24	3	2	0.00	4.98	0
16160028	16160027	6.21	6 1-	2 ACSR 6/1	0	0	789	168	16	2	1	0.00	4.98	0
16160029	16160028	6.22	4 1-	2 ACSR 6/1	0	0	787	168	9	1	1	0.00	4.98	0
16160024	16160037	6.19	14 1-	2 ACSR 6/1	0	0	792	169	72	9	5	0.00	4.98	0
16160044	16160024	6.20	6 1-	15 KV 2 URD XLP	0	0	791	358	36	4	3	0.00	4.98	0
16160045	16160044	6.21	5 1-	15 KV 2 URD XLP	0	0	790	357	28	3	2	0.00	4.98	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16160046	16160045	6.22	3 1- 15	KV 2 URD XLP	0	0	787	357	14	1	1	0.00	4.98	0
16160047	16160046	6.24	0 1- 15	KV 2 URD XLP	0	0	785	356	0	0	0	0.00	4.98	0
16160025	16160024	6.21	8 1- 15	KV 2 URD XLP	0	0	789	357	37	4	3	0.00	4.98	0
16160026	16160025	6.24	5 1- 15	KV 2 URD XLP	0	0	785	356	29	3	2	0.00	4.98	0
16160038	16160026	6.28	1 1- 15	KV 2 URD XLP	0	0	779	354	5	0	0	0.00	4.99	0
20851135	20851392	5.88	1 1-	2 ACSR 6/1	0	0	843	171	6	0	0	0.00	4.82	0
20851134	20851392	5.77	0 1-	2 ACSR 6/1	0	0	863	172	0	0	0	0.00	4.82	0
20851391	16160015	5.66	1 1-	2 ACSR 6/1	0	0	880	172	7	0	0	0.00	3.53	0
16060012	16060011	5.07	54 1-	2 ACSR 6/1	0	0	973	174	272	35	20	0.02	3.47	4
D16-06-P039	16060012	5.07	54 1-	REC-50-4H	0	0	973	174	272	35	71	0.00	3.47	0
16060013	D16-06-P039	5.10	54 1-	2 ACSR 6/1	0	0	965	174	272	35	20	0.03	3.50	7
20850795	16060013	5.22	1 1-	2 ACSR 6/1	0	0	939	173	4	0	0	0.00	3.50	0
16060005	16060013	5.28	52 1-	2 ACSR 6/1	0	0	926	173	268	34	19	0.18	3.68	38
20850791	16060005	5.36	5 1-	2 ACSR 6/1	0	0	909	172	26	3	2	0.01	3.69	0
20850871	20850791	5.42	3 1-	2 ACSR 6/1	0	0	898	172	17	2	1	0.00	3.69	0
20851169	20850871	5.45	2 1-	2 ACSR 6/1	0	0	890	171	16	2	1	0.00	3.69	0
16060004	16060005	5.34	45 1-	2 ACSR 6/1	0	0	914	172	239	30	17	0.05	3.73	10
16060007	16060004	5.36	44 1-	2 ACSR 6/1	0	0	909	172	236	30	17	0.02	3.75	4
16060008	16060007	5.39	42 1-	2 ACSR 6/1	0	0	904	172	222	28	16	0.02	3.77	4
16060022	16060008	5.46	0 1-	2 ACSR 6/1	0	0	889	171	0	0	0	0.00	3.77	0
20850792	16060008	5.44	42 1-	2 ACSR 6/1	0	0	893	172	222	28	16	0.04	3.81	8
20850793	20850792	5.50	38 1-	2 ACSR 6/1	0	0	882	171	211	27	15	0.05	3.86	8
20850794	20850793	5.53	36 1-	2 ACSR 6/1	0	0	875	171	205	26	15	0.03	3.88	4
20850208	20850794	5.59	32 1-	2 ACSR 6/1	0	0	864	170	200	25	14	0.04	3.93	7
20850210	20850208	5.68	32 1-	2 ACSR 6/1	0	0	848	170	200	25	14	0.06	3.99	10
20850211	20850210	5.78	25 1-	2 ACSR 6/1	0	0	830	169	160	20	12	0.06	4.05	8
20850522	20850211	5.83	24 1-	2 ACSR 6/1	0	0	822	169	157	20	11	0.03	4.08	3
20850523	20850522	5.93	23 1-	2 ACSR 6/1	0	0	806	168	154	19	11	0.05	4.13	7
20850347	20850523	5.98	20 1-	2 ACSR 6/1	0	0	797	168	149	19	11	0.03	4.16	4
20850509	20850347	6.04	2 1-	2 ACSR 6/1	0	0	787	167	19	2	1	0.00	4.16	0
20850510	20850509	6.13	1 1-	2 ACSR 6/1	0	0	773	167	12	1	1	0.00	4.17	0
20850535	20850347	6.02	18 1-	2 ACSR 6/1	0	0	790	167	129	16	9	0.02	4.18	2
20850653	20850535	6.08	17 1-	2 ACSR 6/1	0	0	782	167	126	16	9	0.02	4.20	3
20850654	20850653	6.15	16 1-	2 ACSR 6/1	0	0	770	167	123	15	9	0.03	4.24	3
20850713	20850654	6.21	15 1-	2 ACSR 6/1	0	0	762	166	118	15	9	0.02	4.26	2
20850716	20850713	6.27	1 1-	2 ACSR 6/1	0	0	754	166	12	1	1	0.00	4.26	0
20850658	20850716	6.50	0 1-	2 ACSR 6/1	0	0	721	164	0	0	0	0.00	4.26	0
20850715	20850713	6.25	10 1-	2 ACSR 6/1	0	0	756	166	76	9	6	0.01	4.27	0
20850656	20850715	6.36	8 1-	2 ACSR 6/1	0	0	741	165	66	8	5	0.03	4.30	1
D16-15-P042	20850656	6.36	6 1-	FUS	0	0	741	165	51	6	151	0.00	4.30	0
20850710	D16-15-P042	6.39	6 1-	2 ACSR 6/1	0	0	736	165	51	6	4	0.01	4.30	0
20850712	20850710	6.43	3 1-	2 ACSR 6/1	0	0	731	165	33	4	2	0.00	4.31	0
16150012	20850712	6.47	1 1-	2 ACSR 6/1	0	0	725	164	23	2	2	0.00	4.31	0
20850711	20850710	6.44	2 1-	2 ACSR 6/1	0	0	729	165	10	1	1	0.00	4.30	0
20850657	20850656	6.39	1 1-	2 ACSR 6/1	0	0	736	165	14	1	1	0.00	4.30	0
20850714	20850713	6.27	2 1-	2 ACSR 6/1	0	0	753	166	17	2	1	0.00	4.26	0
20850655	20850714	6.31	1 1-	2 ACSR 6/1	0	0	748	166	12	1	1	0.00	4.26	0
20850209	20850210	5.73	5 1-	2 ACSR 6/1	0	0	840	170	32	4	2	0.01	3.99	0
16050007	20850209	5.81	4 1-	2 ACSR 6/1	0	0	825	169	30	3	2	0.01	4.00	0
16050008	16050007	5.87	3 1-	2 ACSR 6/1	0	0	815	169	30	3	2	0.01	4.01	0
16050010	16050008	5.98	1 1-	2 ACSR 6/1	0	0	797	168	8	1	1	0.00	4.01	0
16050009	16050008	5.89	1 1-	2 ACSR 6/1	0	0	812	168	12	1	1	0.00	4.01	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16050006	20850209	5.76	0 1-	2 ACSR 6/1	0	0	834	169	0	0	0.00	3.99	0	0
10870050	10770128	2.68	4 1-	2 ACSR 6/1	0	0	1631	182	28	3	2	0.01	3.97	0
10870055	10870050	2.70	3 1-	2 ACSR 6/1	0	0	1615	182	20	2	1	0.00	3.97	0
10870054	10870055	2.76	1 1-	2 ACSR 6/1	0	0	1579	181	8	1	1	0.00	3.97	0
10770132	10770081	2.21	1 1-	2 ACSR 6/1	0	0	1882	184	8	0	1	0.00	3.69	0
10770135	10770125	2.10	139 3-	1/0 ACSR 6/1	2516	2353	1968	184	1021	43	19	0.03	2.23	14
10770136	10770135	2.36	138 3-	1/0 ACSR 6/1	2306	2141	1781	183	1014	43	19	0.41	2.40	221
D10-77-P208	10770136	2.36	83 3-	REC-70-L	2306	2141	1781	183	566	24	35	0.00	2.40	0
10770091	D10-77-P208	2.40	83 3-	1/0 ACSR 6/1	2278	2113	1757	183	566	24	11	0.03	2.42	10
10770092	10770091	2.46	82 3-	1/0 ACSR 6/1	2238	2073	1722	182	560	24	10	0.04	2.44	14
10770167	10770092	2.48	1 1-	2 ACSR 6/1	0	0	1705	182	8	1	1	0.00	4.17	0
10770137	10770092	2.55	79 3-	1/0 ACSR 6/1	2175	2010	1668	182	544	23	10	0.06	2.47	22
10770138	10770137	2.80	78 3-	1/0 ACSR 6/1	2019	1856	1536	181	533	22	10	0.17	2.56	56
10770107	10770138	3.12	19 1-	2 ACSR 6/1	0	0	1371	178	126	16	9	0.14	1.83	15
10870048	10770107	3.24	12 1-	2 ACSR 6/1	0	0	1316	177	88	11	6	0.04	1.87	2
10870049	10870048	3.31	4 1- 15 KV	2 URD XLP	0	0	1288	409	37	4	3	0.01	1.88	0
10870039	10870049	3.40	4 1-	2 ACSR 6/1	0	0	1251	176	37	4	3	0.01	1.89	0
10870071	10870039	3.51	1 1-	2 ACSR 6/1	0	0	1209	175	22	2	2	0.00	1.90	0
10870061	10870048	3.27	5 1- 15 KV	2 URD XLP	0	0	1303	411	37	4	3	0.00	1.88	0
10870062	10870061	3.32	4 1- 15 KV	2 URD XLP	0	0	1287	409	28	3	2	0.00	1.88	0
10870060	10870062	3.34	1 1- 15 KV	2 URD XLP	0	0	1276	408	5	0	0	0.00	1.88	0
10870065	10870062	3.37	2 1- 15 KV	2 URD XLP	0	0	1264	406	15	1	1	0.00	1.88	0
10870058	10870065	3.43	1 1- 15 KV	2 URD XLP	0	0	1244	403	6	0	0	0.00	1.88	0
10870057	10870065	3.44	1 1- 15 KV	2 URD XLP	0	0	1237	402	10	1	1	0.00	1.89	0
10870059	10870065	3.40	0 1- 15 KV	2 URD XLP	0	0	1253	405	0	0	0	0.00	1.88	0
10870041	10870048	3.27	2 1-	2 ACSR 6/1	0	0	1306	177	5	0	0	0.00	1.87	0
10870074	10870041	3.34	1 1- 15 KV	2 URD XLP	0	0	1276	408	2	0	0	0.00	1.87	0
10870034	10770107	3.16	7 1-	2 ACSR 6/1	0	0	1354	178	38	4	3	0.00	1.84	0
10870056	10870034	3.20	3 1- 15 KV	2 URD XLP	0	0	1335	414	12	1	1	0.00	1.84	0
10870038	10870034	3.18	2 1-	2 ACSR 6/1	0	0	1343	178	11	1	1	0.00	1.84	0
10870035	10870034	3.20	2 1-	2 ACSR 6/1	0	0	1336	178	15	1	1	0.00	1.84	0
10870036	10870035	3.24	1 1-	2 ACSR 6/1	0	0	1317	177	9	1	1	0.00	1.84	0
10770139	10770138	3.03	58 3-	1/0 ACSR 6/1	1895	1734	1433	179	405	17	8	0.18	2.62	44
10770144	10770139	3.08	52 3-	1/0 ACSR 6/1	1866	1706	1410	179	354	15	7	0.04	2.64	11
10770145	10770144	3.14	51 3-	1/0 ACSR 6/1	1836	1677	1385	179	347	15	7	0.05	2.65	12
10770146	10770145	3.18	4 1-	2 ACSR 6/1	0	0	1366	179	25	3	2	0.00	4.68	0
10770147	10770146	3.23	2 1-	2 ACSR 6/1	0	0	1346	178	14	1	1	0.00	4.68	0
10770148	10770147	3.26	2 1-	2 ACSR 6/1	0	0	1333	178	14	1	1	0.00	4.68	0
10770149	10770148	3.30	1 1-	2 ACSR 6/1	0	0	1315	178	10	1	1	0.00	4.68	0
10770084	10770145	3.20	47 3-	1/0 ACSR 6/1	1811	1652	1365	179	322	13	6	0.04	2.66	9
10770083	10770084	3.29	5 3-	1/0 ACSR 6/1	1765	1608	1328	178	32	1	1	0.00	2.66	0
10870070	10770083	3.36	0 3-	1/0 ACSR 6/1	1737	1581	1305	178	0	0	0	0.00	2.66	0
10-77-P209-A	10870070	3.36	0 3-	Open	1737	1581	1305	178	0	0	0	0.00	2.66	0
10870063	10770083	3.37	5 1-	2 ACSR 6/1	0	0	1298	178	32	4	2	0.01	1.78	0
10880086	10870063	3.42	4 1-	2 ACSR 6/1	0	0	1276	177	19	2	1	0.00	1.79	0
10870069	10880086	3.57	3 1-	2 ACSR 6/1	0	0	1217	176	15	1	1	0.01	1.79	0
D10-87-P017	10870069	3.57	1 1-	FUS	0	0	1217	176	4	0	12	0.00	1.79	0
10870064	D10-87-P017	3.64	1 1-	2 ACSR 6/1	0	0	1192	176	4	0	0	0.00	1.79	0
D10-87-P017A	10870069	3.57	2 1-	FUS	0	0	1217	176	11	1	33	0.00	1.79	0
10870045	D10-87-P017A	3.69	2 1-	2 ACSR 6/1	0	0	1175	175	11	1	1	0.00	1.80	0
10880037	10870063	3.43	1 1-	2 ACSR 6/1	0	0	1271	177	12	1	1	0.00	1.78	0
10770085	10770084	3.26	42 1-	2 ACSR 6/1	0	0	1337	178	290	37	21	0.07	4.78	16

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D10-77-P045	10770085	3.26	42 1-	REC-50-H	0	0	1337	178	290	37	76	0.00	4.78	0
10770088	D10-77-P045	3.39	42 1-	2 ACSR 6/1	0	0	1282	177	290	37	21	0.14	4.92	33
10780107	10770088	3.48	5 1-	2 ACSR 6/1	0	0	1245	176	43	5	3	0.01	4.93	0
10770123	10780107	3.55	3 1-	2 ACSR 6/1	0	0	1220	176	25	3	2	0.00	4.93	0
10770124	10770123	3.60	2 1-	2 ACSR 6/1	0	0	1200	176	15	1	1	0.00	4.93	0
10780106	10770088	3.55	0 1-	2 ACSR 6/1	0	0	1218	176	0	0	0	0.00	4.92	0
10780045	10770088	3.61	37 1-	2 ACSR 6/1	0	0	1197	175	246	32	18	0.20	5.12	41
10780070	10780045	3.70	37 1-	2 ACSR 6/1	0	0	1164	175	246	32	18	0.09	5.20	17
10780072	10780070	3.76	9 1-	2 ACSR 6/1	0	0	1145	174	73	9	5	0.01	5.22	0
10780084	10780072	3.82	7 1-	2 ACSR 6/1	0	0	1124	174	58	7	4	0.01	5.23	0
10780080	10780084	3.89	3 1-	2 ACSR 6/1	0	0	1103	173	30	3	2	0.01	5.24	0
10780079	10780080	3.94	1 1-	2 ACSR 6/1	0	0	1086	173	12	1	1	0.00	5.24	0
10780083	10780084	3.87	2 1-	2 ACSR 6/1	0	0	1109	174	21	2	2	0.00	5.23	0
10780087	10780083	3.91	2 1-	2 ACSR 6/1	0	0	1095	173	21	2	2	0.00	5.24	0
10780088	10780087	3.95	1 1-	2 ACSR 6/1	0	0	1084	173	12	1	1	0.00	5.24	0
10780086	10780088	4.01	1 1-	2 ACSR 6/1	0	0	1066	173	12	1	1	0.00	5.24	0
10780069	10780070	3.77	28 1-	2 ACSR 6/1	0	0	1142	174	173	22	13	0.04	5.25	6
10780089	10780069	3.93	26 1-	2 ACSR 6/1	0	0	1092	173	157	20	11	0.09	5.34	12
10780090	10780089	4.07	25 1-	2 ACSR 6/1	0	0	1050	172	152	19	11	0.08	5.42	10
10780054	10780090	4.15	2 1-	2 ACSR 6/1	0	0	1026	172	8	1	1	0.00	5.42	0
10780055	10780054	4.22	1 1-	2 ACSR 6/1	0	0	1007	171	5	0	0	0.00	5.42	0
10780052	10780090	4.10	22 1-	2 ACSR 6/1	0	0	1040	172	142	18	10	0.02	5.43	2
10780059	10780052	4.16	5 1-	2 ACSR 6/1	0	0	1023	172	32	4	2	0.01	5.44	0
10780060	10780059	4.21	3 1-	2 ACSR 6/1	0	0	1011	171	24	3	2	0.00	5.44	0
10780058	10780060	4.26	2 1-	2 ACSR 6/1	0	0	998	171	15	2	1	0.00	5.45	0
10780063	10780058	4.32	1 1-	2 ACSR 6/1	0	0	982	170	9	1	1	0.00	5.45	0
10780061	10780058	4.31	1 1-	2 ACSR 6/1	0	0	985	170	6	0	0	0.00	5.45	0
10780056	10780052	4.17	11 1-	2 ACSR 6/1	0	0	1022	171	76	9	6	0.02	5.45	0
10780062	10780056	4.20	2 1-	2 ACSR 6/1	0	0	1014	171	18	2	1	0.00	5.45	0
10780050	10780056	4.23	7 1-	2 ACSR 6/1	0	0	1006	171	49	6	4	0.01	5.46	0
10780051	10780050	4.27	6 1-	2 ACSR 6/1	0	0	996	171	46	6	3	0.01	5.47	0
10780066	10780051	4.33	4 1-	2 ACSR 6/1	0	0	981	170	24	3	2	0.00	5.47	0
10780067	10780066	4.35	3 1-	2 ACSR 6/1	0	0	976	170	14	1	1	0.00	5.47	0
10780074	10780067	4.41	1 1-	2 ACSR 6/1	0	0	962	170	1	0	0	0.00	5.47	0
10780073	10780067	4.44	1 1-	2 ACSR 6/1	0	0	952	170	11	1	1	0.00	5.48	0
10780065	10780051	4.28	2 1-	2 ACSR 6/1	0	0	993	171	22	2	2	0.00	5.47	0
10780053	10780052	4.13	5 1-	2 ACSR 6/1	0	0	1033	172	31	4	2	0.00	5.44	0
10780057	10780053	4.17	5 1-	2 ACSR 6/1	0	0	1020	171	31	4	2	0.00	5.44	0
10780085	10780069	3.89	1 1-	2 ACSR 6/1	0	0	1103	173	13	1	1	0.00	5.25	0
10780076	10780069	3.81	1 1-	2 ACSR 6/1	0	0	1128	174	4	0	0	0.00	5.25	0
10780068	10780045	3.66	0 1-	2 ACSR 6/1	0	0	1177	175	0	0	0	0.00	5.12	0
10770140	10770139	3.10	6 1-	2 ACSR 6/1	0	0	1397	179	51	6	4	0.01	1.57	0
10770141	10770140	3.20	5 1-	2 ACSR 6/1	0	0	1349	178	41	5	3	0.02	1.58	0
10770169	10770141	3.28	1 1-	2 ACSR 6/1	0	0	1317	178	10	1	1	0.00	1.58	0
10770142	10770141	3.27	4 1-	2 ACSR 6/1	0	0	1318	178	31	3	2	0.01	1.59	0
10770150	10770142	3.33	2 1-	2 ACSR 6/1	0	0	1294	177	16	1	1	0.00	1.59	0
10770143	10770142	3.32	2 1-	2 ACSR 6/1	0	0	1299	177	16	2	1	0.00	1.59	0
10770082	10770141	3.30	0 1-	2 ACSR 6/1	0	0	1308	177	0	0	0	0.00	1.58	0
10770098	10770136	2.39	29 1-	2 ACSR 6/1	0	0	1758	183	239	31	17	0.03	4.13	5
D10-77-P082	10770098	2.39	28 1-	REC-70-L	0	0	1758	183	228	29	42	0.00	4.13	0
10770114	D10-77-P082	2.43	28 1-	2 ACSR 6/1	0	0	1733	182	228	29	16	0.03	4.16	5
10770108	10770114	2.50	26 1-	2 ACSR 6/1	0	0	1683	182	222	28	16	0.06	4.21	11

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10770109	10770108	2.53	26 1-	2 ACSR 6/1	0	0	1664	182	222	28	16	0.02	4.24	4
10770110	10770109	2.58	25 1-	2 ACSR 6/1	0	0	1633	181	218	28	16	0.04	4.27	6
10770111	10770110	2.72	22 1-	2 ACSR 6/1	0	0	1547	180	208	27	15	0.11	4.38	18
10770115	10770111	2.80	5 1-	2 ACSR 6/1	0	0	1500	180	75	9	5	0.02	4.40	1
10770116	10770115	2.85	4 1-	2 ACSR 6/1	0	0	1473	179	61	7	4	0.01	4.41	0
10770094	10770116	2.88	3 1- 15 KV 2 URD XLP	0	0	0	1457	424	41	5	3	0.01	4.42	0
10770095	10770094	2.94	2 1- 15 KV 2 URD XLP	0	0	0	1428	420	31	4	2	0.01	4.43	0
10770093	10770095	2.97	1 1- 15 KV 2 URD XLP	0	0	0	1416	419	18	2	1	0.00	4.43	0
10770097	10770116	2.88	1 1-	2 ACSR 6/1	0	0	1457	179	20	2	1	0.00	4.42	0
10770104	10770097	2.94	1 1- 15 KV 2 URD XLP	0	0	0	1427	420	20	2	2	0.00	4.42	0
10770117	10770111	2.75	17 1-	2 ACSR 6/1	0	0	1526	180	132	17	10	0.02	4.40	2
10770118	10770117	2.79	16 1-	2 ACSR 6/1	0	0	1503	180	117	15	8	0.02	4.42	2
10770120	10770118	2.88	15 1-	2 ACSR 6/1	0	0	1457	179	109	14	8	0.03	4.45	3
10770121	10770120	2.94	2 1-	2 ACSR 6/1	0	0	1425	179	17	2	1	0.00	4.45	0
10770122	10770121	2.98	1 1-	2 ACSR 6/1	0	0	1405	178	9	1	1	0.00	4.45	0
10770119	10770120	2.93	11 1-	2 ACSR 6/1	0	0	1429	179	74	9	5	0.01	4.46	0
10670120	10770119	2.97	9 1-	2 ACSR 6/1	0	0	1412	178	61	7	4	0.01	4.47	0
10670135	10670120	3.01	2 1- 15 KV 2 URD XLP	0	0	0	1391	417	24	3	2	0.01	4.47	0
10670134	10670135	3.04	1 1- 15 KV 2 URD XLP	0	0	0	1378	416	13	1	1	0.00	4.47	0
10670133	10670135	3.11	1 1- 15 KV 2 URD XLP	0	0	0	1349	412	11	1	1	0.00	4.48	0
10670105	10670120	3.02	7 1-	2 ACSR 6/1	0	0	1387	178	38	4	3	0.01	4.47	0
10670106	10670105	3.10	5 1-	2 ACSR 6/1	0	0	1350	177	28	3	2	0.01	4.48	0
10670107	10670106	3.19	4 1-	2 ACSR 6/1	0	0	1309	177	16	2	1	0.00	4.49	0
10670119	10670107	3.30	0 1-	2 ACSR 6/1	0	0	1263	176	0	0	0	0.00	4.49	0
10670108	10670107	3.23	2 1-	2 ACSR 6/1	0	0	1291	176	11	1	1	0.00	4.49	0
10770161	10770136	2.40	9 1-	2 ACSR 6/1	0	0	1753	183	45	5	3	0.01	4.11	0
10770112	10770161	2.43	8 1-	2 ACSR 6/1	0	0	1729	182	40	5	3	0.00	4.11	0
10770113	10770112	2.46	7 1-	2 ACSR 6/1	0	0	1708	182	31	3	2	0.00	4.11	0
10770096	10770136	2.44	16 3-	1/0 ACSR 6/1	2247	2082	1730	182	160	6	3	0.01	2.41	2
10770158	10770096	2.49	5 3-	1/0 ACSR 6/1	2216	2051	1703	182	75	3	1	0.00	2.42	0
D10-77-P015	10770158	2.49	3 1-	FUS	0	0	1703	182	24	3	71	0.00	1.66	0
10770168	D10-77-P015	2.61	3 1-	2 ACSR 6/1	0	0	1624	181	24	3	2	0.01	1.67	0
10770166	10770168	2.65	2 1-	2 ACSR 6/1	0	0	1596	181	17	2	1	0.00	1.67	0
10770160	10770096	2.47	11 1-	2 ACSR 6/1	0	0	1711	182	85	10	6	0.01	1.67	0
10770155	10770160	2.53	10 1-	2 ACSR 6/1	0	0	1674	182	84	10	6	0.02	1.69	1
D10-77-P059	10770155	2.53	10 1-	FUS	0	0	1674	182	84	10	245	0.00	1.69	0
10770156	D10-77-P059	2.57	10 1-	2 ACSR 6/1	0	0	1647	182	84	10	6	0.01	1.70	0
10770157	10770156	2.64	9 1-	2 ACSR 6/1	0	0	1603	181	79	10	6	0.02	1.72	0
10770162	10770157	2.69	1 1-	2 ACSR 6/1	0	0	1567	181	11	1	1	0.00	1.72	0
10770151	10770157	2.68	7 1-	2 ACSR 6/1	0	0	1574	181	55	7	4	0.01	1.73	0
10770152	10770151	2.74	6 1-	2 ACSR 6/1	0	0	1541	180	53	6	4	0.01	1.73	0
10770153	10770152	2.83	5 1-	2 ACSR 6/1	0	0	1491	180	35	4	2	0.01	1.74	0
10770154	10770153	2.87	2 1-	2 ACSR 6/1	0	0	1467	179	10	1	1	0.00	1.74	0
10660083	10660157	1.47	77 3-	2 ACSR 6/1	3026	2868	2492	186	643	27	15	0.05	1.57	18
10660159	10660083	1.54	77 3-	2 ACSR 6/1	2934	2769	2399	186	643	27	15	0.09	1.62	30
10660112	10660159	1.58	76 3-	2 ACSR 6/1	2877	2708	2342	185	638	27	15	0.05	1.65	18
D10-66-P189	10660112	1.58	76 3-	REC-70-L	2877	2708	2342	185	638	27	39	0.00	1.65	0
10660199	D10-66-P189	1.64	76 3-	2 ACSR 6/1	2802	2628	2269	185	638	27	15	0.07	1.69	25
10670109	10660199	1.68	73 3-	2 ACSR 6/1	2750	2574	2219	185	620	26	15	0.05	1.71	17
10670121	10670109	1.75	72 3-	2 ACSR 6/1	2676	2496	2149	184	615	26	15	0.07	1.75	25
10670128	10670121	1.78	71 3-	2 ACSR 6/1	2637	2456	2113	184	610	26	15	0.04	1.77	13
10670129	10670128	1.84	70 3-	2 ACSR 6/1	2567	2384	2049	183	609	26	15	0.07	1.81	25

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10670140	10670129	1.91	9 1-	2 ACSR 6/1	0	0	1977	183	51	6	4	0.01	1.40	0
10770105	10670140	1.94	6 1-	2 ACSR 6/1	0	0	1955	183	32	4	2	0.00	1.40	0
10670127	10770105	1.96	3 1-	2 ACSR 6/1	0	0	1932	182	9	1	1	0.00	1.40	0
10670122	10670127	2.02	2 1-	2 ACSR 6/1	0	0	1880	182	4	0	0	0.00	1.40	0
10670123	10670129	1.92	60 3-	2 ACSR 6/1	2483	2297	1972	183	557	23	13	0.09	1.86	29
10670130	10670123	1.95	8 1-	2 ACSR 6/1	0	0	1941	182	82	10	6	0.01	1.40	0
10670131	10670130	1.98	7 1-	2 ACSR 6/1	0	0	1915	182	74	9	5	0.01	1.41	0
10670132	10670131	2.01	6 1-	2 ACSR 6/1	0	0	1893	182	69	8	5	0.00	1.41	0
10670118	10670132	2.06	3 1-	2 ACSR 6/1	0	0	1848	182	46	5	3	0.00	1.42	0
10670124	10670123	1.97	51 3-	2 ACSR 6/1	2429	2242	1924	182	455	19	11	0.06	1.88	18
10670046	10670124	1.99	8 1-	2 ACSR 6/1	0	0	1909	182	76	9	5	0.00	0.96	0
10670115	10670046	2.09	5 1-	2 ACSR 6/1	0	0	1820	181	43	5	3	0.01	0.98	0
10670111	10670115	2.17	3 1-	2 ACSR 6/1	0	0	1759	181	30	3	2	0.01	0.98	0
10670113	10670111	2.22	2 1-	2 ACSR 6/1	0	0	1724	180	27	3	2	0.00	0.99	0
10670153	10670113	2.26	1 1-	2 ACSR 6/1	0	0	1692	180	23	2	2	0.00	0.99	0
10670112	10670111	2.22	1 1-	2 ACSR 6/1	0	0	1720	180	3	0	0	0.00	0.98	0
10670148	10670046	2.00	3 1-	2 ACSR 6/1	0	0	1897	182	34	4	2	0.00	0.96	0
10670151	10670148	2.03	2 1-	2 ACSR 6/1	0	0	1873	182	18	2	1	0.00	0.96	0
10670149	10670151	2.09	1 1-	2 ACSR 6/1	0	0	1824	181	10	1	1	0.00	0.97	0
10670110	10670124	2.13	1 3-	2 ACSR 6/1	2280	2092	1793	181	61	2	2	0.01	1.89	0
10670044	10670124	2.00	42 1-	2 ACSR 6/1	0	0	1898	182	317	41	23	0.03	3.34	9
D10-67-P014	10670044	2.00	42 1-	REC-70-L	0	0	1898	182	317	41	59	0.00	3.34	0
10670047	D10-67-P014	2.12	42 1-	2 ACSR 6/1	0	0	1800	181	317	41	23	0.13	3.47	35
10670143	10670047	2.17	35 1-	2 ACSR 6/1	0	0	1756	181	244	31	18	0.05	3.52	9
10670144	10670143	2.28	34 1-	2 ACSR 6/1	0	0	1677	180	228	29	16	0.09	3.61	16
10670116	10670144	2.35	4 1-	2 ACSR 6/1	0	0	1627	179	36	4	3	0.01	3.62	0
10670117	10670116	2.39	1 1-	2 ACSR 6/1	0	0	1599	179	9	1	1	0.00	3.62	0
10670096	10670144	2.34	1 1-	2 ACSR 6/1	0	0	1637	180	9	1	1	0.00	3.61	0
10670095	10670144	2.36	1 1-	2 ACSR 6/1	0	0	1625	179	5	0	0	0.00	3.61	0
10670141	10670144	2.35	27 1-	2 ACSR 6/1	0	0	1628	179	169	21	12	0.04	3.65	6
10670098	10670141	2.39	24 1-	2 ACSR 6/1	0	0	1602	179	153	19	11	0.02	3.67	2
10670099	10670098	2.44	22 1-	2 ACSR 6/1	0	0	1569	179	131	16	9	0.02	3.70	2
10670100	10670099	2.49	20 1-	2 ACSR 6/1	0	0	1538	178	117	15	8	0.02	3.72	2
10670125	10670100	2.58	17 1-	2 ACSR 6/1	0	0	1487	178	96	12	7	0.03	3.75	2
10670126	10670125	2.67	15 1-	2 ACSR 6/1	0	0	1436	177	83	10	6	0.03	3.77	2
10670102	10670126	2.76	14 1-	2 ACSR 6/1	0	0	1393	176	83	10	6	0.02	3.80	2
10670103	10670102	2.85	13 1-	2 ACSR 6/1	0	0	1347	176	76	9	5	0.03	3.82	2
10670114	10670103	2.95	12 1-	2 ACSR 6/1	0	0	1304	175	68	8	5	0.02	3.85	1
10570059	10670114	3.12	11 1-	2 ACSR 6/1	0	0	1232	174	68	8	5	0.04	3.89	2
10570088	10570059	3.40	9 1-	2 ACSR 6/1	0	0	1129	172	60	7	4	0.06	3.95	3
10570089	10570088	3.47	5 1-	2 ACSR 6/1	0	0	1107	171	34	4	2	0.01	3.95	0
10570084	10570089	3.52	3 1-	2 ACSR 6/1	0	0	1090	171	25	3	2	0.00	3.96	0
10570085	10570084	3.56	2 1-	2 ACSR 6/1	0	0	1076	171	17	2	1	0.00	3.96	0
10570087	10570088	3.47	1 1-	2 ACSR 6/1	0	0	1107	171	4	0	0	0.00	3.95	0
10570086	10570088	3.47	1 1-	2 ACSR 6/1	0	0	1105	171	9	1	1	0.00	3.95	0
10570074	10570059	3.18	2 1-	2 ACSR 6/1	0	0	1206	173	7	0	1	0.00	3.89	0
10670104	10670103	2.92	1 1-	2 ACSR 6/1	0	0	1314	175	8	1	1	0.00	3.83	0
10670101	10670126	2.75	1 1-	2 ACSR 6/1	0	0	1394	176	0	0	0	0.00	3.77	0
10670097	10670141	2.42	3 1-	2 ACSR 6/1	0	0	1584	179	16	2	1	0.00	3.65	0
10670045	10670047	2.14	6 1-	2 ACSR 6/1	0	0	1784	181	62	8	4	0.00	3.48	0
10670138	10670045	2.24	6 1-	2 ACSR 6/1	0	0	1705	180	62	8	4	0.02	3.50	0
10670139	10670138	2.34	5 1-	2 ACSR 6/1	0	0	1636	180	50	6	4	0.02	3.52	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10670150	10670139	2.38	3 1-	15 KV 2 URD XLP	0	0	1612	427	19	2	1	0.00	3.52	0
10670152	10670150	2.44	2 1-	15 KV 2 URD XLP	0	0	1573	424	12	1	1	0.00	3.52	0
10670136	10670139	2.39	2 1-	2 ACSR 6/1	0	0	1602	179	31	4	2	0.00	3.52	0
10670137	10670136	2.46	1 1-	2 ACSR 6/1	0	0	1561	179	14	1	1	0.00	3.52	0
10670142	10670047	2.28	1 1-	2 ACSR 6/1	0	0	1677	180	10	1	1	0.00	3.48	0
10660160	10660159	1.58	1 1-	2 ACSR 6/1	0	0	2345	185	5	0	0	0.00	2.79	0
10660158	10660083	1.51	0 1-	2 ACSR 6/1	0	0	2436	186	0	0	0	0.00	1.28	0
10660132	10660116	1.27	15 1-	2 ACSR 6/1	0	0	2711	187	84	10	6	0.02	1.06	0
10660133	10660132	1.34	13 1-	2 ACSR 6/1	0	0	2610	186	64	8	4	0.01	1.07	0
10660134	10660133	1.39	9 1-	2 ACSR 6/1	0	0	2536	186	43	5	3	0.01	1.08	0
10660194	10660134	1.42	2 1-	2 ACSR 6/1	0	0	2483	186	9	1	1	0.00	1.08	0
10660195	10660194	1.46	1 1-	2 ACSR 6/1	0	0	2426	185	8	0	1	0.00	1.08	0
10660135	10660134	1.42	5 1-	2 ACSR 6/1	0	0	2483	186	22	2	2	0.00	1.08	0
10660141	10660135	1.45	4 1-	2 ACSR 6/1	0	0	2440	185	20	2	1	0.00	1.08	0
10660142	10660141	1.47	2 1-	2 ACSR 6/1	0	0	2413	185	12	1	1	0.00	1.08	0
10660130	10660081	1.12	2 1-	2 ACSR 6/1	0	0	2924	187	14	1	1	0.00	0.88	0
CKT 1 total losses:	\$13,702													

SUB	21, CKT 2													
BK2102	EMMANUEL (21)	0.00	210 3-	BK2102	5109	5225	5430	190	1259	52	13	0.00	0.00	0
10560095	BK2102	0.06	210 3-	336 ACSR 18/1	4974	5059	5189	190	1259	52	10	0.03	0.02	18
10560104	10560095	0.14	207 3-	336 ACSR 18/1	4818	4869	4919	190	1229	51	10	0.03	0.04	22
10560097	10560104	0.36	206 3-	336 ACSR 18/1	4438	4417	4308	189	1225	51	10	0.09	0.10	58
10560077	10560097	0.47	204 3-	336 ACSR 18/1	4263	4214	4046	189	1202	50	10	0.05	0.13	29
10570060	10560077	0.53	203 3-	336 ACSR 18/1	4175	4112	3918	189	1193	50	9	0.02	0.15	15
10570061	10570060	0.62	201 3-	336 ACSR 18/1	4039	3958	3727	189	1177	49	9	0.04	0.18	24
10570065	10570061	0.64	201 3-	336 ACSR 18/1	4019	3935	3698	189	1177	49	9	0.01	0.18	4
10570066	10570065	0.72	200 3-	336 ACSR 18/1	3916	3820	3559	189	1174	49	9	0.03	0.20	19
10570068	10570066	0.79	1 1-	2 ACSR 6/1	0	0	3362	188	21	2	1	0.00	0.31	0
10570069	10570066	0.78	198 3-	336 ACSR 18/1	3837	3732	3454	188	1151	48	9	0.02	0.22	15
10570070	10570069	0.88	198 3-	336 ACSR 18/1	3713	3596	3293	188	1151	48	9	0.04	0.25	24
10570095	10570070	0.91	2 1-	2 ACSR 6/1	0	0	3227	188	21	2	1	0.00	0.01	0
10570097	10570095	1.04	1 1-	2 ACSR 6/1	0	0	2951	187	11	1	1	0.00	0.01	0
10570096	10570095	0.96	1 1-	2 ACSR 6/1	0	0	3127	188	10	1	1	0.00	0.01	0
10570071	10570070	1.62	195 3-	336 ACSR 18/1	3008	2847	2463	187	1126	47	9	0.30	0.44	170
10570072	10570071	1.67	194 3-	336 ACSR 18/1	2967	2804	2418	187	1112	46	9	0.02	0.45	12
10570078	10570072	1.75	193 3-	336 ACSR 18/1	2909	2745	2356	186	1101	46	9	0.03	0.47	17
10570081	10570078	1.81	5 1-	2 ACSR 6/1	0	0	2285	186	44	5	3	0.01	0.71	0
10570076	10570081	1.87	2 1-	2 ACSR 6/1	0	0	2218	185	8	1	1	0.00	0.71	0
10570075	10570081	1.85	1 1-	2 ACSR 6/1	0	0	2243	186	10	1	1	0.00	0.71	0
10570080	10570078	1.78	2 1-	2 ACSR 6/1	0	0	2320	186	22	2	2	0.00	0.71	0
10570077	10570080	1.84	1 1-	2 ACSR 6/1	0	0	2248	186	11	1	1	0.00	0.71	0
10570079	10570078	1.81	0 1-	2 ACSR 6/1	0	0	2286	186	0	0	0	0.00	0.70	0
10570082	10570078	1.80	185 3-	336 ACSR 18/1	2873	2708	2318	186	1033	43	8	0.02	0.49	9
10570083	10570082	1.84	182 3-	336 ACSR 18/1	2844	2679	2288	186	1014	42	8	0.02	0.50	7
10570090	10570083	1.92	181 3-	336 ACSR 18/1	2787	2621	2228	186	1010	42	8	0.03	0.52	15
10580052	10570090	1.98	178 3-	336 ACSR 18/1	2751	2584	2191	186	998	42	8	0.02	0.53	9
10580053	10580052	2.02	6 1-	2 ACSR 6/1	0	0	2147	186	31	3	2	0.00	0.77	0
10580047	10580053	2.06	3 1-	2 ACSR 6/1	0	0	2105	185	20	2	1	0.00	0.77	0
10580070	10580047	2.12	1 1-	2 ACSR 6/1	0	0	2050	185	10	1	1	0.00	0.78	0
10580050	10580052	2.04	170 3-	336 ACSR 18/1	2710	2542	2149	186	953	40	8	0.02	0.54	10
10580051	10580050	2.10	167 3-	336 ACSR 18/1	2675	2507	2114	186	929	39	7	0.02	0.55	8

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10580018	10580051	2.15	2 1-	2 ACSR 6/1	0	0	2060	185	15	1	1	0.00	0.04	0
10580041	10580051	2.19	159 3-	336 ACSR 18/1	2620	2452	2058	185	866	36	7	0.03	0.57	11
10580031	10580041	2.23	155 3-	336 ACSR 18/1	2596	2428	2035	185	860	36	7	0.01	0.58	5
10580032	10580031	2.28	154 3-	336 ACSR 18/1	2569	2401	2008	185	852	35	7	0.01	0.59	6
10580042	10580032	2.32	142 3-	336 ACSR 18/1	2547	2379	1986	185	777	32	6	0.01	0.60	4
10580019	10580042	2.35	139 3-	336 ACSR 18/1	2526	2358	1966	185	769	32	6	0.01	0.60	4
10580022	10580019	2.43	132 3-	336 ACSR 18/1	2487	2319	1927	185	727	30	6	0.02	0.62	7
10580023	10580022	2.46	1 1-	2 ACSR 6/1	0	0	1895	185	10	1	1	0.00	0.09	0
10580024	10580022	2.47	128 3-	336 ACSR 18/1	2462	2294	1904	185	701	29	6	0.01	0.62	4
10580068	10580024	2.50	124 3-	336 ACSR 18/1	2449	2281	1891	185	677	28	5	0.01	0.63	2
10580069	10580068	2.53	123 3-	336 ACSR 18/1	2432	2264	1874	185	663	27	5	0.01	0.63	3
10580025	10580069	2.59	2 1-	2 ACSR 6/1	0	0	1827	184	9	1	1	0.00	0.10	0
10580034	10580069	2.56	117 3-	336 ACSR 18/1	2415	2248	1859	185	635	26	5	0.01	0.64	2
10580035	10580034	2.69	117 3-	336 ACSR 18/1	2353	2186	1799	184	635	26	5	0.04	0.66	10
10580037	10580035	2.83	110 3-	336 ACSR 18/1	2288	2122	1738	184	594	25	5	0.04	0.68	10
10580048	10580037	2.87	107 3-	336 ACSR 18/1	2270	2104	1721	184	569	24	5	0.01	0.68	2
10580056	10580048	2.92	4 1-	2 ACSR 6/1	0	0	1691	183	24	3	2	0.00	0.16	0
10580043	10580048	2.88	100 3-	336 ACSR 18/1	2266	2101	1718	184	528	22	4	0.00	0.68	0
10-58-P042-B	10580043	2.88	100 3-	Closed	2266	2101	1718	184	528	22	0	0.00	0.68	0
10-58-P042-A	10-58-P042-B	2.88	100 3-	Closed	2266	2101	1718	184	528	22	0	0.00	0.68	0
10580054	10-58-P042-A	2.94	100 3-	336 ACSR 18/1	2240	2076	1694	184	528	22	4	0.01	0.69	3
10580055	10580054	3.00	0 1-	2 ACSR 6/1	0	0	1651	183	0	0	0	0.00	1.07	0
10580049	10580054	2.97	98 3-	336 ACSR 18/1	2225	2061	1680	184	510	21	4	0.01	0.69	2
10580044	10580049	3.04	1 1-	2 ACSR 6/1	0	0	1636	183	6	0	0	0.00	1.08	0
10580045	10580049	3.03	97 3-	336 ACSR 18/1	2200	2036	1657	183	503	21	4	0.01	0.70	3
10580046	10580045	3.07	96 3-	336 ACSR 18/1	2185	2021	1643	183	493	20	4	0.01	0.70	4
10580057	10580046	3.11	1 1-	2 ACSR 6/1	0	0	1615	183	10	1	1	0.00	0.19	0
10580058	10580046	3.11	95 3-	336 ACSR 18/1	2165	2002	1625	183	484	20	4	0.01	0.71	2
10580059	10580058	3.19	93 3-	336 ACSR 18/1	2133	1971	1596	183	474	20	4	0.02	0.72	4
10580062	10580059	3.28	88 3-	336 ACSR 18/1	2101	1939	1567	183	433	18	3	0.02	0.73	4
10580063	10580062	3.34	87 3-	336 ACSR 18/1	2078	1917	1547	183	421	17	3	0.02	0.73	3
10680164	10580063	3.39	86 3-	336 ACSR 18/1	2059	1899	1530	183	415	17	3	0.01	0.74	2
10680112	10680164	3.43	85 3-	336 ACSR 18/1	2044	1884	1516	183	410	17	3	0.01	0.74	2
10680113	10680112	3.47	84 3-	336 ACSR 18/1	2029	1870	1503	182	398	16	3	0.01	0.74	2
10680122	10680113	3.57	83 3-	336 ACSR 18/1	1993	1835	1472	182	390	16	3	0.03	0.75	4
10680124	10680122	3.65	1 1-	2 ACSR 6/1	0	0	1434	182	4	0	0	0.00	0.25	0
10680123	10680122	3.65	80 3-	336 ACSR 18/1	1968	1811	1449	182	385	16	3	0.02	0.76	3
D10-68-P007	10680123	3.65	32 1-	FUS	0	0	1449	182	174	22	505	0.00	1.25	0
10680160	D10-68-P007	3.74	32 1-	2 ACSR 6/1	0	0	1404	181	174	22	12	0.06	1.31	8
10680059	10680160	3.81	30 1-	2 ACSR 6/1	0	0	1376	181	166	21	12	0.04	1.35	5
10680060	10680059	3.84	1 1-	2 ACSR 6/1	0	0	1362	181	9	1	1	0.00	1.35	0
10680158	10680060	3.89	1 1-	2 ACSR 6/1	0	0	1341	180	9	1	1	0.00	1.35	0
10680034	10680059	3.87	29 1-	2 ACSR 6/1	0	0	1348	180	157	19	11	0.04	1.39	5
10680063	10680034	3.93	4 1-	2 ACSR 6/1	0	0	1325	180	30	3	2	0.01	1.39	0
10680058	10680063	3.96	2 1-	2 ACSR 6/1	0	0	1312	180	10	1	1	0.00	1.39	0
10680064	10680063	3.96	1 1-	2 ACSR 6/1	0	0	1311	180	15	1	1	0.00	1.39	0
10680030	10680034	3.93	25 1-	2 ACSR 6/1	0	0	1323	180	127	16	9	0.03	1.41	3
10680062	10680030	3.98	2 1-	2 ACSR 6/1	0	0	1303	179	11	1	1	0.00	1.42	0
10680162	10680062	4.01	1 1-	2 ACSR 6/1	0	0	1290	179	6	0	0	0.00	1.42	0
10680061	10680030	4.00	21 1-	2 ACSR 6/1	0	0	1294	179	104	13	7	0.03	1.44	2
10680074	10680061	4.07	19 1-	2 ACSR 6/1	0	0	1268	179	103	13	7	0.02	1.46	2
10680075	10680074	4.13	4 1-	2 ACSR 6/1	0	0	1246	178	20	2	1	0.00	1.47	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10680163	10680075	4.16	1 1-	2 ACSR 6/1	0	0	1236	178	5	0	0	0.00	1.47	0
10680076	10680075	4.16	1 1-	2 ACSR 6/1	0	0	1234	178	5	0	0	0.00	1.47	0
10680065	10680074	4.11	14 1-	2 ACSR 6/1	0	0	1253	178	80	10	6	0.01	1.48	0
10680066	10680065	4.15	13 1-	2 ACSR 6/1	0	0	1237	178	79	10	6	0.01	1.49	0
10680067	10680066	4.17	10 1-	2 ACSR 6/1	0	0	1229	178	54	6	4	0.00	1.49	0
10680068	10680067	4.22	4 1-	2 ACSR 6/1	0	0	1211	178	22	2	2	0.00	1.49	0
10680161	10680068	4.26	2 1-	2 ACSR 6/1	0	0	1199	177	9	1	1	0.00	1.49	0
10680033	10680067	4.20	6 1-	2 ACSR 6/1	0	0	1219	178	32	4	2	0.00	1.49	0
10680077	10680033	4.24	3 1-	2 ACSR 6/1	0	0	1206	177	20	2	1	0.00	1.50	0
10680078	10680077	4.30	2 1-	2 ACSR 6/1	0	0	1184	177	15	1	1	0.00	1.50	0
10680079	10680078	4.35	1 1-	2 ACSR 6/1	0	0	1169	177	3	0	0	0.00	1.50	0
10680069	10680033	4.23	3 1-	2 ACSR 6/1	0	0	1209	178	12	1	1	0.00	1.49	0
10680070	10680069	4.26	1 1-	2 ACSR 6/1	0	0	1197	177	4	0	0	0.00	1.50	0
10680080	10680070	4.43	0 1-	2 ACSR 6/1	0	0	1141	176	0	0	0	0.00	1.50	0
10680057	10680030	3.97	2 1-	2 ACSR 6/1	0	0	1308	180	13	1	1	0.00	1.42	0
10680117	10680123	3.69	48 3-	336 ACSR 18/1	1953	1797	1437	182	210	8	2	0.00	0.76	0
10680119	10680117	3.75	46 3-	336 ACSR 18/1	1934	1778	1420	182	198	8	2	0.00	0.77	0
D10-68-P008	10680119	3.75	9 1-	FUS	0	0	1420	182	38	4	109	0.00	1.26	0
10680155	D10-68-P008	3.82	9 1-	2 ACSR 6/1	0	0	1388	181	38	4	3	0.01	1.27	0
10680167	10680155	3.86	8 1-	2 ACSR 6/1	0	0	1371	181	32	4	2	0.00	1.27	0
10680133	10680167	4.27	7 1-	2 ACSR 6/1	0	0	1210	178	24	3	2	0.03	1.31	0
10690053	10680133	4.31	6 1-	2 ACSR 6/1	0	0	1197	177	19	2	1	0.00	1.31	0
10680116	10680119	3.83	29 3-	336 ACSR 18/1	1909	1754	1398	182	133	5	1	0.00	0.77	0
10680071	10680116	3.91	24 3-	336 ACSR 18/1	1883	1729	1376	181	121	5	1	0.00	0.77	0
10680072	10680071	3.96	21 3-	336 ACSR 18/1	1867	1713	1362	181	111	4	1	0.00	0.77	0
10680085	10680072	4.00	15 3-	336 ACSR 18/1	1855	1702	1352	181	77	3	1	0.00	0.77	0
10680156	10680085	4.05	0 3-	1/0 ACSR 6/1	1831	1678	1333	181	0	0	0	0.00	0.77	0
10-68-P069-A	10680156	4.05	0 3-	Open	1831	1678	1333	181	0	0	0	0.00	0.77	0
10680084	10680085	4.02	14 3-	336 ACSR 18/1	1850	1697	1347	181	76	3	1	0.00	0.77	0
10680081	10680084	4.06	10 3-	336 ACSR 18/1	1838	1686	1337	181	56	2	0	0.00	0.77	0
10680095	10680081	4.09	6 3-	336 ACSR 18/1	1827	1676	1328	181	32	1	0	0.00	0.77	0
10680127	10680095	4.13	1 3-	336 ACSR 18/1	1818	1667	1321	181	13	0	0	0.00	0.77	0
10680146	10680127	4.13	0 3-	336 ACSR 18/1	1817	1666	1319	181	0	0	0	0.00	0.77	0
10-68-P033-A	10680146	4.13	0 3-	Open	1817	1666	1319	181	0	0	0	0.00	0.77	0
10680129	10680127	4.15	1 1-	2 ACSR 6/1	0	0	1312	181	13	1	1	0.00	1.26	0
10680130	10680095	4.13	4 1-	2 ACSR 6/1	0	0	1313	181	15	1	1	0.00	0.26	0
10680096	10680081	4.07	3 1-	2 ACSR 6/1	0	0	1332	181	20	2	1	0.00	0.80	0
10680097	10680096	4.10	2 1-	2 ACSR 6/1	0	0	1319	181	11	1	1	0.00	0.80	0
10680098	10680097	4.16	1 1-	2 ACSR 6/1	0	0	1295	180	5	0	0	0.00	0.80	0
10680073	10680072	3.99	1 1-	2 ACSR 6/1	0	0	1349	181	5	0	0	0.00	0.26	0
10680118	10680119	3.81	4 1-	2 ACSR 6/1	0	0	1394	181	22	2	2	0.00	1.26	0
10680056	10680118	3.86	2 1-	2 ACSR 6/1	0	0	1372	181	10	1	1	0.00	1.27	0
10680121	10680113	3.57	1 1-	2 ACSR 6/1	0	0	1455	182	8	0	1	0.00	0.24	0
10580060	10580059	3.28	4 1-	2 ACSR 6/1	0	0	1550	182	35	4	2	0.01	0.21	0
10580061	10580060	3.34	2 1-	2 ACSR 6/1	0	0	1515	182	22	2	2	0.00	0.22	0
10580038	10580037	2.89	1 1-	2 ACSR 6/1	0	0	1699	183	15	1	1	0.00	1.05	0
10580036	10580035	2.76	4 1-	2 ACSR 6/1	0	0	1749	184	26	3	2	0.01	0.84	0
10580027	10580036	2.81	1 1-	2 ACSR 6/1	0	0	1715	183	0	0	0	0.00	0.84	0
10580029	10580036	2.82	2 1-	2 ACSR 6/1	0	0	1705	183	16	2	1	0.00	0.84	0
10580028	10580036	2.81	1 1-	2 ACSR 6/1	0	0	1712	183	10	1	1	0.00	0.84	0
10580033	10580069	2.58	2 1-	2 ACSR 6/1	0	0	1836	184	6	0	0	0.00	0.96	0
10580017	10580069	2.58	1 1-	2 ACSR 6/1	0	0	1836	184	5	0	0	0.00	0.10	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10580067	10580068	2.55	1 1-	2 ACSR 6/1	0	0	1853	184	14	1	1	0.00	0.10	0
10580020	10580019	2.40	6 1-	2 ACSR 6/1	0	0	1928	185	31	3	2	0.00	0.08	0
10580021	10580020	2.43	3 1-	2 ACSR 6/1	0	0	1904	184	20	2	1	0.00	0.08	0
10580026	10580020	2.46	1 1-	2 ACSR 6/1	0	0	1881	184	8	1	1	0.00	0.08	0
10580014	10580032	2.30	10 1-	2 ACSR 6/1	0	0	1992	185	60	7	4	0.00	0.83	0
10580015	10580014	2.36	9 1-	2 ACSR 6/1	0	0	1940	185	47	5	3	0.01	0.83	0
10580016	10580015	2.44	6 1-	2 ACSR 6/1	0	0	1868	184	32	4	2	0.01	0.84	0
10580030	10580041	2.25	1 1-	2 ACSR 6/1	0	0	2006	185	4	0	0	0.00	0.87	0
10580040	10580051	2.14	3 1-	2 ACSR 6/1	0	0	2073	185	20	2	1	0.00	0.84	0
10580039	10580040	2.23	2 1-	2 ACSR 6/1	0	0	1988	185	10	1	1	0.00	0.84	0
10570073	10570072	1.74	1 1-	2 ACSR 6/1	0	0	2338	186	11	1	1	0.00	0.01	0
10560088	10560095	0.10	2 3-	336 ACSR 18/1	4908	4978	5073	190	21	0	0	0.00	0.02	0
CKT 2 total losses:		\$616												
SUB 21, CKT 3														
BK2103	EMMANUEL(21)	0.00	231 3-	BK2103	5109	5225	5430	190	1469	61	31	0.00	0.00	0
10560098	BK2103	0.37	231 3-	336 ACSR 18/1	4423	4399	4285	189	1469	61	12	0.05	0.10	130
10560078	10560098	0.48	231 3-	336 ACSR 18/1	4252	4201	4029	189	1468	61	12	0.02	0.13	39
10570062	10560078	0.54	231 3-	336 ACSR 18/1	4163	4099	3901	189	1468	61	12	0.01	0.15	21
10570063	10570062	0.63	231 3-	336 ACSR 18/1	4023	3940	3705	189	1467	61	12	0.01	0.18	35
10570093	10570063	0.73	231 3-	1/0 ACSR 6/1	3840	3738	3473	188	1467	61	27	0.05	0.26	108
10570094	10570093	0.83	231 3-	1/0 ACSR 6/1	3660	3542	3257	188	1466	61	27	0.06	0.35	113
10570067	10570094	1.15	231 3-	1/0 ACSR 6/1	3170	3016	2704	186	1465	61	27	0.18	0.63	358
10470074	10570067	1.29	231 3-	1/0 ACSR 6/1	2993	2831	2518	185	1462	61	27	0.08	0.75	152
D10-47-P030	10470074	1.29	8 1-	FUS	0	0	2518	185	40	5	116	0.00	1.09	0
10460017	D10-47-P030	1.49	8 1-	2 ACSR 6/1	0	0	2248	184	40	5	3	0.03	1.12	0
10460010	10460017	1.63	8 1-	2 ACSR 6/1	0	0	2085	183	40	5	3	0.02	1.14	0
10460011	10460010	1.74	7 1-	2 ACSR 6/1	0	0	1975	182	37	4	3	0.01	1.16	0
10460012	10460011	1.80	6 1-	2 ACSR 6/1	0	0	1912	181	32	4	2	0.01	1.16	0
10460013	10460012	1.87	4 1-	2 ACSR 6/1	0	0	1857	181	19	2	1	0.00	1.17	0
10460014	10460013	1.93	4 1-	2 ACSR 6/1	0	0	1806	180	19	2	1	0.00	1.17	0
10460015	10460014	2.05	2 1-	2 ACSR 6/1	0	0	1710	180	8	1	1	0.00	1.17	0
10470075	10470074	1.37	223 3-	1/0 ACSR 6/1	2891	2725	2414	185	1420	59	26	0.05	0.82	89
10470071	10470075	1.43	2 3-	1/0 ACSR 6/1	2824	2655	2345	185	16	0	0	0.00	0.82	0
10470072	10470071	1.49	1 3-	1/0 ACSR 6/1	2755	2585	2277	184	9	0	0	0.00	0.82	0
10470070	10470075	1.41	221 3-	1/0 ACSR 6/1	2850	2682	2372	185	1404	58	26	0.02	0.85	37
10470038	10470070	1.55	220 3-	1/0 ACSR 6/1	2693	2521	2216	184	1393	58	25	0.07	0.97	148
10470073	10470038	1.61	1 1-	2 ACSR 6/1	0	0	2154	184	14	1	1	0.00	0.93	0
10470064	10470038	1.65	217 3-	1/0 ACSR 6/1	2599	2425	2124	183	1344	56	25	0.05	1.04	88
10470065	10470064	1.71	1 1-	2 ACSR 6/1	0	0	2064	183	11	1	1	0.00	1.00	0
CAP118	10470064	1.65	215 3-	Capacitor	0	0	0	0	1325	55	0	0.00	1.04	0
10470063	CAP118	1.83	215 3-	1/0 ACSR 6/1	2430	2255	1964	182	1325	56	24	0.12	1.21	173
10470066	10470063	1.93	29 1-	2 ACSR 6/1	0	0	1880	182	172	21	12	0.06	1.76	8
10470068	10470066	2.02	3 1-	2 ACSR 6/1	0	0	1803	181	28	3	2	0.01	1.77	0
10470069	10470068	2.07	2 1-	2 ACSR 6/1	0	0	1759	181	18	2	1	0.00	1.77	0
10470067	10470066	1.97	26 1-	2 ACSR 6/1	0	0	1847	181	144	18	10	0.02	1.78	2
D10-47-P070	10470067	1.97	26 1-	REC-35-H	0	0	1847	181	144	18	52	0.00	1.78	0
10470081	D10-47-P070	1.99	26 1-	2 ACSR 6/1	0	0	1823	181	144	18	10	0.01	1.79	1
10470082	10470081	2.03	24 1-	2 ACSR 6/1	0	0	1795	181	123	15	9	0.02	1.81	2
10470085	10470082	2.06	19 1-	2 ACSR 6/1	0	0	1770	181	84	10	6	0.01	1.82	0
10470086	10470085	2.14	18 1-	2 ACSR 6/1	0	0	1713	180	75	9	5	0.02	1.83	0
10470087	10470086	2.19	17 1-	2 ACSR 6/1	0	0	1675	180	62	7	4	0.01	1.85	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10470076	10470087	2.24	16 1-	2 ACSR 6/1	0	0	1640	179	58	7	4	0.01	1.86	0
10470090	10470076	2.28	8 1-	2 ACSR 6/1	0	0	1610	179	39	4	3	0.00	1.86	0
10470091	10470090	2.37	5 1-	2 ACSR 6/1	0	0	1556	178	20	2	1	0.01	1.87	0
10470079	10470091	2.63	4 1-	2 ACSR 6/1	0	0	1409	177	17	2	1	0.02	1.88	0
10470080	10470079	2.67	4 1-	2 ACSR 6/1	0	0	1386	176	17	2	1	0.00	1.88	0
10470092	10470080	2.72	3 1-	2 ACSR 6/1	0	0	1361	176	9	1	1	0.00	1.89	0
10470096	10470092	2.78	1 1-	2 ACSR 6/1	0	0	1336	175	1	0	0	0.00	1.89	0
10470078	10470091	2.47	1 1-	2 ACSR 6/1	0	0	1497	178	4	0	0	0.00	1.87	0
10470037	10470076	2.28	8 1-	2 ACSR 6/1	0	0	1612	179	19	2	1	0.00	1.86	0
10470089	10470037	2.33	2 1-	2 ACSR 6/1	0	0	1578	179	10	1	1	0.00	1.86	0
10470077	10470037	2.30	6 1-	2 ACSR 6/1	0	0	1596	179	9	1	1	0.00	1.86	0
10470088	10470077	2.33	2 1-	2 ACSR 6/1	0	0	1579	179	7	0	0	0.00	1.86	0
10470036	10470082	2.08	5 1-	2 ACSR 6/1	0	0	1753	181	39	5	3	0.01	1.81	0
10470084	10470036	2.12	4 1-	2 ACSR 6/1	0	0	1722	180	34	4	2	0.00	1.82	0
10470093	10470084	2.21	3 1-	1/0 ACSR 6/1	0	0	1667	180	21	2	1	0.00	1.82	0
10470094	10470093	2.24	3 1-	1/0 ACSR 6/1	0	0	1653	180	21	2	1	0.00	1.82	0
10470095	10470094	2.27	1 1-	1/0 ACSR 6/1	0	0	1633	179	4	0	0	0.00	1.82	0
10470083	10470036	2.12	1 1-	2 ACSR 6/1	0	0	1721	180	6	0	0	0.00	1.81	0
10470039	10470063	2.02	186 3-	1/0 ACSR 6/1	2284	2109	1828	182	1151	48	21	0.10	1.34	127
10470040	10470039	2.12	186 3-	1/0 ACSR 6/1	2206	2032	1758	181	1150	48	21	0.06	1.42	74
10370013	10470040	2.21	186 3-	1/0 ACSR 6/1	2142	1969	1700	180	1150	48	21	0.05	1.49	64
D10-37-P038	10370013	2.21	19 1-	FUS-80	0	0	1700	180	107	13	19	0.00	1.97	0
10370016	D10-37-P038	2.48	19 1-	2 ACSR 6/1	0	0	1528	179	107	13	8	0.10	2.07	9
10360038	10370016	2.58	18 1-	2 ACSR 6/1	0	0	1468	178	96	12	7	0.03	2.11	3
10360040	10360038	2.69	17 1-	2 ACSR 6/1	0	0	1411	177	86	10	6	0.03	2.14	2
10360042	10360040	2.84	16 1-	2 ACSR 6/1	0	0	1335	176	84	10	6	0.04	2.18	3
10360050	10360042	2.99	13 1-	2 ACSR 6/1	0	0	1270	175	64	8	5	0.03	2.22	2
10360053	10360050	3.03	2 1-	2 ACSR 6/1	0	0	1254	174	11	1	1	0.00	2.22	0
10360054	10360053	3.07	1 1-	2 ACSR 6/1	0	0	1239	174	1	0	0	0.00	2.22	0
10360051	10360050	3.07	9 1-	2 ACSR 6/1	0	0	1237	174	41	5	3	0.01	2.23	0
10360030	10360051	3.26	8 1-	2 ACSR 6/1	0	0	1168	173	35	4	3	0.02	2.25	0
10360025	10360030	3.39	5 1-	2 ACSR 6/1	0	0	1121	172	17	2	1	0.01	2.26	0
10360027	10360025	3.47	1 1-	2 ACSR 6/1	0	0	1096	171	1	0	0	0.00	2.26	0
10360026	10360025	3.43	3 1-	2 ACSR 6/1	0	0	1109	172	14	1	1	0.00	2.26	0
10360032	10360030	3.31	2 1-	2 ACSR 6/1	0	0	1148	172	12	1	1	0.00	2.25	0
10360024	10360032	3.38	1 1-	2 ACSR 6/1	0	0	1126	172	3	0	0	0.00	2.25	0
10360031	10360030	3.31	1 1-	2 ACSR 6/1	0	0	1148	172	6	0	0	0.00	2.25	0
10360052	10360050	3.03	2 1-	2 ACSR 6/1	0	0	1254	174	12	1	1	0.00	2.22	0
10360057	10360052	3.08	1 1-	2 ACSR 6/1	0	0	1233	174	0	0	0	0.00	2.22	0
10360056	10360052	3.07	1 1-	2 ACSR 6/1	0	0	1239	174	12	1	1	0.00	2.22	0
10360041	10360042	2.91	1 1-	2 ACSR 6/1	0	0	1307	175	2	0	0	0.00	2.18	0
10360039	10360038	2.71	0 1-	2 ACSR 6/1	0	0	1401	177	0	0	0	0.00	2.11	0
10360037	10370016	2.65	0 1-	2 ACSR 6/1	0	0	1431	177	0	0	0	0.00	2.07	0
10360036	10370016	2.54	1 1-	2 ACSR 6/1	0	0	1491	178	10	1	1	0.00	2.07	0
10370014	10370013	2.38	167 3-	1/0 ACSR 6/1	2033	1862	1603	180	1043	44	19	0.09	1.61	105
D10-37-P019	10370014	2.38	2 1-	FUS	0	0	1603	180	7	0	19	0.00	1.71	0
10370017	D10-37-P019	2.48	2 1-	2 ACSR 6/1	0	0	1544	179	7	0	0	0.00	1.71	0
D10-37-P019A	10370014	2.38	24 1-	FUS	0	0	1603	180	151	19	437	0.00	1.71	0
10370022	D10-37-P019A	2.44	24 1-	2 ACSR 6/1	0	0	1566	179	151	19	11	0.03	1.74	4
10370023	10370022	2.50	20 1-	2 ACSR 6/1	0	0	1533	179	134	17	9	0.02	1.77	3
10370028	10370023	2.52	19 1-	2 ACSR 6/1	0	0	1516	179	124	15	9	0.01	1.78	1
10370027	10370028	2.63	18 1-	2 ACSR 6/1	0	0	1459	178	119	15	8	0.04	1.82	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10370019	10370027	2.66	17 1-	2 ACSR 6/1	0	0	1439	178	114	14	8	0.02	1.84	1
10370026	10370019	2.72	13 1-	2 ACSR 6/1	0	0	1409	177	76	9	5	0.02	1.85	0
10370057	10370026	2.74	11 1-	15 KV 2 URD XLP	0	0	1401	413	73	9	6	0.01	1.86	0
10370058	10370057	2.83	10 1-	15 KV 2 URD XLP	0	0	1356	408	59	7	5	0.03	1.89	1
D10-37-P034	10370058	2.83	9 1-	FUS	0	0	1356	408	57	7	164	0.00	1.89	0
10370060	D10-37-P034	2.88	9 1-	2 ACSR 6/1	0	0	1335	176	57	7	4	0.01	1.90	0
10370061	10370060	2.96	8 1-	2 ACSR 6/1	0	0	1296	175	48	6	3	0.02	1.91	0
10370062	10370061	3.03	6 1-	2 ACSR 6/1	0	0	1267	175	34	4	2	0.01	1.92	0
10370049	10370062	3.12	5 1-	2 ACSR 6/1	0	0	1233	174	31	3	2	0.01	1.93	0
10370064	10370049	3.19	4 1-	2 ACSR 6/1	0	0	1205	173	21	2	2	0.01	1.93	0
10370066	10370064	3.23	2 1-	2 ACSR 6/1	0	0	1190	173	16	1	1	0.00	1.93	0
10370068	10370066	3.27	0 1-	2 ACSR 6/1	0	0	1174	173	0	0	0	0.00	1.93	0
10370067	10370064	3.32	2 1-	2 ACSR 6/1	0	0	1156	172	6	0	0	0.00	1.94	0
10370076	10370067	3.43	1 1-	2 ACSR 6/1	0	0	1120	172	4	0	0	0.00	1.94	0
10370069	10370049	3.15	1 1-	1/0 ACSR 6/1	0	0	1222	174	10	1	1	0.00	1.93	0
10370063	10370061	2.99	2 1-	2 ACSR 6/1	0	0	1282	175	14	1	1	0.00	1.91	0
10370075	10370063	3.06	1 1-	2 ACSR 6/1	0	0	1257	174	14	1	1	0.00	1.91	0
10370074	10370058	2.92	1 1-	2 ACSR 6/1	0	0	1317	175	3	0	0	0.00	1.89	0
10370059	10370057	2.82	1 1-	2 ACSR 6/1	0	0	1361	176	13	1	1	0.00	1.86	0
10370020	10370019	2.75	4 1-	2 ACSR 6/1	0	0	1396	177	38	4	3	0.01	1.85	0
10370024	10370020	2.84	2 1-	2 ACSR 6/1	0	0	1352	176	26	3	2	0.01	1.86	0
10370025	10370024	2.91	1 1-	2 ACSR 6/1	0	0	1320	176	14	1	1	0.00	1.86	0
10370021	10370020	2.85	1 1-	2 ACSR 6/1	0	0	1348	176	9	1	1	0.00	1.85	0
10370029	10370014	2.54	141 3-	1/0 ACSR 6/1	1942	1773	1523	179	884	37	16	0.10	1.70	65
10370038	10370029	2.72	136 3-	1/0 ACSR 6/1	1845	1680	1440	178	856	36	16	0.12	1.80	73
10370056	10370038	2.81	130 3-	1/0 ACSR 6/1	1798	1635	1399	177	824	35	15	0.07	1.85	35
10360022	10370056	2.85	40 3-	1/0 ACSR 6/1	1782	1620	1386	177	270	11	5	0.01	1.86	1
10360043	10360022	2.91	1 1-	2 ACSR 6/1	0	0	1355	177	0	0	0	0.00	2.02	0
10360023	10360022	2.95	39 3-	1/0 ACSR 6/1	1736	1575	1346	177	269	11	5	0.03	1.88	4
D10-37-P001	10360023	2.95	39 3-	REC-100-L	1736	1575	1346	177	269	11	11	0.00	1.88	0
10370015	D10-37-P001	2.99	39 3-	1/0 ACSR 6/1	1715	1556	1329	177	269	11	5	0.01	1.88	2
10370030	10370015	3.05	1 1-	2 ACSR 6/1	0	0	1301	176	10	1	1	0.00	2.03	0
10370012	10370015	3.33	38 3-	1/0 ACSR 6/1	1576	1423	1212	175	259	11	5	0.10	1.94	14
10270039	10370012	3.39	1 1-	2 ACSR 6/1	0	0	1190	174	3	0	0	0.00	2.04	0
10270017	10370012	3.53	37 3-	1/0 ACSR 6/1	1504	1355	1153	174	255	10	5	0.06	1.98	8
10270027	10270017	3.65	7 1-	2 ACSR 6/1	0	0	1112	173	52	6	4	0.02	1.58	0
10270028	10270027	3.77	6 1-	2 ACSR 6/1	0	0	1078	172	44	5	3	0.02	1.60	0
10260056	10270028	3.81	2 1-	2 ACSR 6/1	0	0	1063	172	12	1	1	0.00	1.60	0
10260050	10270028	3.93	4 1-	2 ACSR 6/1	0	0	1030	171	32	4	2	0.01	1.61	0
10260055	10260050	4.01	1 1-	2 ACSR 6/1	0	0	1009	170	7	0	0	0.00	1.61	0
10260049	10260055	4.07	0 1-	2 ACSR 6/1	0	0	992	170	0	0	0	0.00	1.61	0
10270016	10270017	3.65	30 3-	1/0 ACSR 6/1	1466	1319	1121	173	204	8	4	0.02	1.99	3
10270061	10270016	3.76	7 1-	2 ACSR 6/1	0	0	1085	172	55	6	4	0.02	1.60	0
10270063	10270061	3.82	1 1-	2 ACSR 6/1	0	0	1069	172	10	1	1	0.00	1.60	0
10270052	10270063	3.86	0 1-	2 ACSR 6/1	0	0	1056	172	0	0	0	0.00	1.60	0
10270062	10270061	3.82	3 1-	2 ACSR 6/1	0	0	1067	172	27	3	2	0.00	1.60	0
10270060	10270062	4.07	1 1-	2 ACSR 6/1	0	0	998	170	9	1	1	0.00	1.60	0
10270058	10270016	3.74	23 3-	1/0 ACSR 6/1	1437	1292	1098	173	149	6	3	0.00	2.00	2
10270059	10270058	3.78	21 3-	1/0 ACSR 6/1	1423	1279	1087	173	131	5	2	0.00	2.00	0
10270057	10270059	3.83	17 3-	1/0 ACSR 6/1	1408	1265	1075	172	107	4	2	0.00	2.01	0
10270055	10270057	3.89	15 3-	1/0 ACSR 6/1	1389	1247	1059	172	91	3	2	0.00	2.01	0
10270054	10270055	3.93	3 1-	2 ACSR 6/1	0	0	1049	172	24	3	2	0.00	2.04	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10270040	10270054	3.95	1 1-	2 ACSR 6/1	0	0	1043	172	8	1	1	0.00	2.04	0
10270053	10270055	3.95	11 3-	1/0 ACSR 6/1	1372	1231	1045	172	60	2	1	0.00	2.01	0
10270041	10270053	3.98	9 3-	1/0 ACSR 6/1	1363	1223	1038	172	47	2	1	0.00	2.01	0
10270042	10270041	4.03	5 3-	1/0 ACSR 6/1	1351	1211	1028	171	23	0	0	0.00	2.01	0
10270043	10270042	4.05	3 3-	1/0 ACSR 6/1	1344	1205	1022	171	19	0	0	0.00	2.01	0
10270036	10270043	4.11	1 3-	1/0 ACSR 6/1	1328	1190	1010	171	4	0	0	0.00	2.01	0
10270056	10270059	3.83	1 1-	2 ACSR 6/1	0	0	1073	172	6	0	0	0.00	2.04	0
10360021	10370056	2.90	89 3-	1/0 ACSR 6/1	1755	1594	1363	177	552	23	10	0.04	1.89	17
D10-36-P028	10360021	2.90	89 3-	REC-50-4H	1755	1594	1363	177	552	23	47	0.00	1.89	0
10360033	D10-36-P028	3.01	89 3-	1/0 ACSR 6/1	1706	1546	1321	176	552	23	10	0.04	1.93	20
10360034	10360033	3.08	87 3-	1/0 ACSR 6/1	1677	1519	1297	176	544	23	10	0.03	1.95	12
10360028	10360034	3.14	85 3-	1/0 ACSR 6/1	1650	1493	1274	176	537	22	10	0.02	1.97	11
10360044	10360028	3.21	82 3-	1/0 ACSR 6/1	1623	1467	1251	175	517	22	10	0.02	2.00	11
10260031	10360044	3.32	81 3-	1/0 ACSR 6/1	1582	1429	1217	175	505	21	9	0.03	2.03	17
10260032	10260031	3.43	79 3-	1/0 ACSR 6/1	1540	1389	1182	174	490	20	9	0.03	2.07	18
10260034	10260032	3.49	77 3-	1/0 ACSR 6/1	1519	1369	1165	174	490	20	9	0.02	2.09	9
10260036	10260034	3.53	75 3-	1/0 ACSR 6/1	1505	1356	1153	174	482	20	9	0.01	2.10	6
10260039	10260036	3.65	73 3-	1/0 ACSR 6/1	1464	1318	1120	173	469	20	9	0.03	2.14	17
10260041	10260039	3.70	10 1-	2 ACSR 6/1	0	0	1104	173	60	7	4	0.01	1.65	0
10260038	10260041	3.73	7 1-	2 ACSR 6/1	0	0	1096	173	38	4	3	0.00	1.65	0
10260063	10260038	3.76	6 1-	2 ACSR 6/1	0	0	1087	172	29	3	2	0.00	1.65	0
10260065	10260063	3.80	1 1-	2 ACSR 6/1	0	0	1073	172	9	1	1	0.00	1.65	0
10260064	10260063	3.79	5 1-	2 ACSR 6/1	0	0	1078	172	21	2	1	0.00	1.65	0
10260066	10260064	3.82	4 1-	2 ACSR 6/1	0	0	1068	172	16	2	1	0.00	1.66	0
D10-26-P016	10260066	3.82	4 1-	FUS	0	0	1068	172	16	2	47	0.00	1.66	0
10260015	D10-26-P016	3.91	4 1-	2 ACSR 6/1	0	0	1043	171	16	2	1	0.01	1.66	0
10260043	10260015	4.12	2 1-	2 ACSR 6/1	0	0	987	170	13	1	1	0.01	1.67	0
10260067	10260043	4.17	2 1-	2 ACSR 6/1	0	0	973	170	13	1	1	0.00	1.67	0
D10-26-P021	10260067	4.17	1 1-	FUS-5	0	0	973	170	1	0	3	0.00	1.67	0
10260068	D10-26-P021	4.19	1 1-	2 ACSR 6/1	0	0	967	169	1	0	0	0.00	1.67	0
10260042	10260015	3.96	2 1-	2 ACSR 6/1	0	0	1028	171	4	0	0	0.00	1.66	0
10260018	10260041	3.74	3 1-	2 ACSR 6/1	0	0	1092	173	23	2	2	0.00	1.65	0
10260051	10260018	3.95	1 1-	2 ACSR 6/1	0	0	1031	171	9	1	1	0.00	1.65	0
10260044	10260018	3.79	2 1-	2 ACSR 6/1	0	0	1077	172	14	1	1	0.00	1.65	0
10260040	10260039	3.75	62 3-	1/0 ACSR 6/1	1432	1288	1094	173	401	17	7	0.01	2.16	11
10260052	10260040	3.83	1 1-	2 ACSR 6/1	0	0	1070	172	4	0	0	0.00	2.28	0
10260016	10260040	3.85	61 3-	1/0 ACSR 6/1	1403	1260	1070	172	397	16	7	0.01	2.19	11
10260046	10260016	4.11	60 3-	1/0 ACSR 6/1	1327	1189	1009	171	388	16	7	0.02	2.26	29
10260047	10260046	4.16	59 3-	1/0 ACSR 6/1	1314	1177	998	171	385	16	7	0.00	2.27	5
10260037	10260047	4.20	1 1-	2 ACSR 6/1	0	0	987	170	13	1	1	0.00	1.67	0
10260053	10260047	4.21	57 3-	1/0 ACSR 6/1	1302	1166	989	171	364	15	7	0.00	2.28	4
10260054	10260053	4.28	55 3-	1/0 ACSR 6/1	1283	1148	973	170	352	15	7	0.00	2.30	8
10260033	10260054	4.66	49 3-	1/0 ACSR 6/1	1194	1066	902	168	304	13	6	-0.06	2.37	36
10250005	10260033	4.84	47 3-	1/0 ACSR 6/1	1156	1030	872	167	291	12	5	-0.03	2.41	18
10250004	10250005	5.03	2 1-	2 ACSR 6/1	0	0	835	166	4	0	0	0.00	2.49	0
10250002	10250005	5.23	45 3-	1/0 ACSR 6/1	1080	961	812	166	286	12	5	-0.07	2.48	38
10150033	10250002	5.44	44 3-	1/0 ACSR 6/1	1044	928	784	165	273	11	5	-0.04	2.52	20
10150034	10150033	5.67	7 1-	2 ACSR 6/1	0	0	749	163	51	6	4	0.04	2.66	2
10150037	10150034	5.93	5 1-	2 ACSR 6/1	0	0	712	161	47	5	3	0.04	2.70	1
10140003	10150037	6.16	4 1-	2 ACSR 6/1	0	0	683	160	35	4	3	0.02	2.72	0
10140004	10140003	6.38	2 1-	2 ACSR 6/1	0	0	657	159	12	1	1	0.01	2.73	0
10140005	10140004	6.42	2 1-	2 ACSR 6/1	0	0	652	158	12	1	1	0.00	2.73	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10140002	10140005	6.47	1 1-	2 ACSR 6/1	0	0	646	158	2	0	0	0.00	2.73	0
10150011	10150033	5.48	37 1-	2 ACSR 6/1	0	0	778	164	222	28	16	0.03	3.49	6
D10-15-P050	10150011	5.48	35 1-	REC-25-H	0	0	778	164	209	27	108	0.00	3.49	0
10150028	D10-15-P050	5.49	35 1-	2 ACSR 6/1	0	0	776	164	209	27	15	0.01	3.49	1
10150029	10150028	5.51	33 1-	2 ACSR 6/1	0	0	773	164	190	24	14	0.02	3.51	2
10150024	10150029	5.56	1 1-	2 ACSR 6/1	0	0	765	164	3	0	0	0.00	3.51	0
10150012	10150029	5.67	32 1-	2 ACSR 6/1	0	0	749	163	187	24	13	0.11	3.62	16
10150025	10150012	5.71	1 1-	2 ACSR 6/1	0	0	743	163	0	0	0	0.00	3.62	0
10150013	10150012	5.76	31 1-	2 ACSR 6/1	0	0	735	163	186	24	13	0.06	3.68	10
10150031	10150013	5.95	29 1-	2 ACSR 6/1	0	0	709	161	179	23	13	0.12	3.80	18
10150035	10150031	6.05	26 1-	2 ACSR 6/1	0	0	697	161	173	22	12	0.06	3.86	8
10150041	10150035	6.14	1 1-	2 ACSR 6/1	0	0	685	160	12	1	1	0.00	3.87	0
10150036	10150035	6.15	3 1-	2 ACSR 6/1	0	0	684	160	22	2	2	0.01	3.87	0
10150021	10150036	6.29	1 1-	2 ACSR 6/1	0	0	667	159	1	0	0	0.00	3.87	0
10150020	10150036	6.19	1 1-	2 ACSR 6/1	0	0	679	160	11	1	1	0.00	3.87	0
10150019	10150036	6.18	1 1-	2 ACSR 6/1	0	0	680	160	9	1	1	0.00	3.87	0
10150022	10150035	6.25	21 1-	2 ACSR 6/1	0	0	672	159	137	17	10	0.10	3.96	11
10050010	10150022	6.38	19 1-	2 ACSR 6/1	0	0	656	159	117	15	8	0.06	4.02	5
10050011	10050010	6.45	18 1-	2 ACSR 6/1	0	0	648	158	113	14	8	0.03	4.05	2
10050012	10050011	6.55	17 1-	2 ACSR 6/1	0	0	638	158	104	13	7	0.04	4.08	3
10050014	10050012	6.68	15 1-	2 ACSR 6/1	0	0	623	157	95	12	7	0.05	4.13	3
10050017	10050014	6.73	14 1-	2 ACSR 6/1	0	0	619	156	87	11	6	0.01	4.14	0
10050016	10050017	7.03	9 1-	2 ACSR 6/1	0	0	590	155	65	8	5	0.07	4.21	4
4950019	10050016	7.21	1 1-	2 ACSR 6/1	0	0	573	154	5	0	0	0.00	4.22	0
4950018	10050016	7.14	2 1-	2 ACSR 6/1	0	0	580	154	11	1	1	0.00	4.22	0
4950017	10050016	7.16	6 1-	2 ACSR 6/1	0	0	578	154	49	6	4	0.02	4.24	0
4950020	4950017	7.24	5 1-	2 ACSR 6/1	0	0	570	153	37	4	3	0.01	4.24	0
4950003	4950020	7.32	3 1-	2 ACSR 6/1	0	0	564	153	20	2	1	0.00	4.25	0
4850007	4950003	7.51	1 1-	2 ACSR 6/1	0	0	548	152	4	0	0	0.00	4.25	0
4850006	4950003	7.36	1 1-	2 ACSR 6/1	0	0	560	153	9	1	1	0.00	4.25	0
4950016	10050016	7.09	0 1-	2 ACSR 6/1	0	0	584	154	0	0	0	0.00	4.21	0
10050015	10050017	6.81	3 1-	2 ACSR 6/1	0	0	610	156	12	1	1	0.00	4.15	0
10050013	10050012	6.58	2 1-	2 ACSR 6/1	0	0	634	157	8	1	1	0.00	4.09	0
10050009	10150022	6.32	1 1-	2 ACSR 6/1	0	0	664	159	12	1	1	0.00	3.96	0
10150032	10150031	6.08	0 1-	2 ACSR 6/1	0	0	693	161	0	0	0	0.00	3.80	0
10150030	10150013	5.79	2 1-	2 ACSR 6/1	0	0	731	162	7	0	1	0.00	3.68	0
D10-15-P050A	10150011	5.48	2 1-	REC-25-H	0	0	778	164	13	1	7	0.00	3.49	0
10150026	D10-15-P050A	5.52	2 1-	2 ACSR 6/1	0	0	771	164	13	1	1	0.00	3.49	0
10150027	10150026	5.56	1 1-	2 ACSR 6/1	0	0	765	164	6	0	0	0.00	3.49	0
10260017	10260054	4.31	6 1-	2 ACSR 6/1	0	0	967	170	48	6	3	0.00	1.68	0
D10-26-P004	10260017	4.31	5 1-	FUS	0	0	967	170	42	5	121	0.00	1.68	0
10260030	D10-26-P004	4.58	5 1-	2 ACSR 6/1	0	0	904	168	42	5	3	0.03	1.71	0
10250003	10260030	4.68	4 1-	2 ACSR 6/1	0	0	885	167	25	3	2	0.01	1.72	0
10150038	10250003	4.96	4 1-	2 ACSR 6/1	0	0	830	166	25	3	2	0.02	1.74	0
10150039	10150038	5.11	3 1-	2 ACSR 6/1	0	0	803	165	14	1	1	0.01	1.74	0
10150040	10150039	5.15	2 1-	2 ACSR 6/1	0	0	797	164	7	0	1	0.00	1.74	0
10150023	10250003	4.78	0 1-	2 ACSR 6/1	0	0	865	167	0	0	0	0.00	1.72	0
10160002	10150023	4.85	0 1-	2 ACSR 6/1	0	0	851	166	0	0	0	0.00	1.72	0
10260048	10260017	4.36	1 1-	2 ACSR 6/1	0	0	955	170	6	0	0	0.00	1.68	0
10260045	10260016	3.95	1 1-	2 ACSR 6/1	0	0	1041	172	9	1	1	0.00	2.29	0
10260035	10260034	3.52	2 1-	2 ACSR 6/1	0	0	1154	174	8	1	1	0.00	1.60	0
10360029	10360028	3.30	3 1-	2 ACSR 6/1	0	0	1211	175	20	2	1	0.01	2.23	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10360035	10360029	3.42	1 1-	2 ACSR 6/1	0	0	1170	174	7	0	1	0.00	2.23	0
10370035	10370038	2.79	6 1-	2 ACSR 6/1	0	0	1403	177	31	3	2	0.01	1.96	0
10370036	10370035	2.92	4 1-	2 ACSR 6/1	0	0	1342	176	27	3	2	0.01	1.97	0
D10-37-P072	10370036	2.92	3 1-	FUS-40	0	0	1342	176	21	2	8	0.00	1.97	0
10370053	D10-37-P072	3.04	3 1-	2 ACSR 6/1	0	0	1287	176	21	2	1	0.01	1.98	0
10370055	10370053	3.11	1 1-	2 ACSR 6/1	0	0	1257	175	6	0	0	0.00	1.98	0
10370052	10370055	3.13	0 1-	2 ACSR 6/1	0	0	1251	175	0	0	0	0.00	1.98	0
10370054	10370053	3.09	2 1-	2 ACSR 6/1	0	0	1268	175	15	1	1	0.00	1.98	0
10370034	10370054	3.33	1 1-	2 ACSR 6/1	0	0	1174	173	8	0	1	0.00	1.99	0
10370037	10370029	2.58	3 1-	2 ACSR 6/1	0	0	1501	179	19	2	1	0.00	2.11	0
10370033	10370037	2.62	1 1-	2 ACSR 6/1	0	0	1479	178	4	0	0	0.00	2.11	0
10370032	10370037	2.67	2 1-	2 ACSR 6/1	0	0	1447	178	15	1	1	0.00	2.11	0
10370018	10470040	2.21	0 1-	2 ACSR 6/1	0	0	1695	180	0	0	0	0.00	1.44	0
10470062	10470038	1.64	2 1-	2 ACSR 6/1	0	0	2123	183	34	4	2	0.01	0.94	0
10470061	10470070	1.67	1 1-	2 ACSR 6/1	0	0	2060	183	10	1	1	0.00	0.52	0
10570064	10570094	0.92	0 1-	2 ACSR 6/1	0	0	3061	187	0	0	0	0.00	0.31	0
CKT	3 total losses:	\$2,524												
SUB	21, CKT 4													
BK2104	EMMANUEL(21)	0.00	514 3-	BK2104	5109	5225	5430	190	3808	159	40	0.00	0.00	0
10560087	BK2104	0.04	514 3-	336 ACSR 18/1	5032	5129	5290	190	3808	159	30	0.04	0.03	91
10560090	10560087	0.12	514 3-	336 ACSR 18/1	4857	4916	4985	190	3808	159	30	0.09	0.11	215
10560101	10560090	0.20	514 3-	336 ACSR 18/1	4710	4740	4740	190	3806	159	30	0.08	0.17	192
10560102	10560101	0.30	514 3-	336 ACSR 18/1	4538	4534	4462	190	3804	159	30	0.10	0.26	241
10660124	10560102	0.35	2 1-	2 ACSR 6/1	0	0	4280	189	8	1	1	0.00	0.30	0
10660084	10560102	0.33	511 3-	336 ACSR 18/1	4486	4473	4382	189	3783	158	30	0.03	0.28	75
10660120	10660084	0.36	2 1-	2 ACSR 6/1	0	0	4283	189	8	1	1	0.00	0.33	0
10660082	10660084	0.37	509 3-	336 ACSR 18/1	4423	4399	4284	189	3774	158	30	0.04	0.31	94
10660162	10660082	0.41	509 3-	336 ACSR 18/1	4354	4318	4180	189	3773	158	30	0.04	0.35	105
10660178	10660162	0.48	506 3-	336 ACSR 18/1	4247	4195	4022	189	3754	157	30	0.07	0.41	167
10660169	10660178	0.52	506 3-	336 ACSR 18/1	4189	4129	3938	189	3752	157	30	0.04	0.44	95
10660181	10660169	0.55	506 3-	336 ACSR 18/1	4140	4072	3868	189	3751	157	30	0.03	0.47	82
10660171	10660181	0.60	506 3-	336 ACSR 18/1	4073	3997	3774	189	3751	157	30	0.05	0.51	115
10660182	10660171	0.66	321 3-	336 ACSR 18/1	3985	3897	3652	189	2486	104	20	0.04	0.54	76
10660150	10660182	0.80	318 3-	336 ACSR 18/1	3803	3695	3410	188	2468	103	20	0.08	0.62	165
10660152	10660150	0.93	318 3-	336 ACSR 18/1	3659	3537	3225	188	2466	103	20	0.07	0.69	142
10660138	10660152	0.96	0 1-	2 ACSR 6/1	0	0	3147	188	0	0	0	0.00	0.78	0
10660136	10660152	1.01	318 3-	336 ACSR 18/1	3563	3432	3104	188	2465	103	20	0.05	0.73	102
CAP120	10660136	1.01	316 3-	Capacitor	0	0	0	0	2451	103	0	0.00	0.73	0
10660154	CAP120	1.16	316 3-	4/0 ACSR 6/1	3374	3233	2880	187	2451	103	31	0.15	0.87	278
10660155	10660154	1.42	316 3-	4/0 ACSR 6/1	3092	2939	2561	187	2448	103	31	0.26	1.09	476
D10-66-P211	10660155	1.42	5 1-	FUS-60	0	0	2561	187	38	4	8	0.00	1.23	0
10660085	D10-66-P211	1.49	5 1-	2 ACSR 6/1	0	0	2460	186	38	4	3	0.01	1.24	0
10660164	10660085	1.58	4 1-	2 ACSR 6/1	0	0	2335	185	37	4	3	0.01	1.25	0
10660165	10660164	1.68	3 1-	2 ACSR 6/1	0	0	2221	185	24	3	2	0.01	1.26	0
10660166	10660165	1.78	2 1-	2 ACSR 6/1	0	0	2106	184	10	1	1	0.00	1.26	0
10660121	10660085	1.58	1 1-	2 ACSR 6/1	0	0	2341	185	1	0	0	0.00	1.24	0
10660192	10660155	1.62	311 3-	4/0 ACSR 6/1	2894	2736	2349	186	2406	102	30	0.19	1.27	371
10-66-P210-B	10660192	1.62	311 3-	Closed	2894	2736	2349	186	2402	102	0	0.00	1.27	0
10-66-P210-A	10-66-P210-B	1.62	311 3-	Closed	2894	2736	2349	186	2402	102	0	0.00	1.27	0
10660193	10-66-P210-A	1.67	311 3-	4/0 ACSR 6/1	2854	2695	2307	186	2402	102	30	0.04	1.31	81

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D10-66-P122	10660080	1.70	11 1-	FUS	0	0	2279	186	72	9 209	0.00	2.42	0	4
10660198	D10-66-P122	2.03	11 1-	2 ACSR 6/1	0	0	1939	183	72	9 5	0.08	2.50	4	0
10660125	10660198	2.07	8 1-	2 ACSR 6/1	0	0	1906	183	54	6 4	0.01	2.51	0	0
10660126	10660125	2.09	7 1-	2 ACSR 6/1	0	0	1882	183	43	5 3	0.00	2.51	0	0
10660127	10660126	2.15	2 1-	2 ACSR 6/1	0	0	1837	182	20	2 1	0.00	2.51	0	0
10660128	10660127	2.18	1 1-	2 ACSR 6/1	0	0	1815	182	10	1 1	0.00	2.51	0	0
10660078	10660126	2.32	5 1-	2 ACSR 6/1	0	0	1705	181	24	3 2	0.02	2.53	0	0
10660079	10660078	2.38	4 1-	2 ACSR 6/1	0	0	1664	180	24	3 2	0.01	2.54	0	0
10660174	10660079	2.45	4 1-	2 ACSR 6/1	0	0	1616	180	24	3 2	0.01	2.54	0	0
10660180	10660174	2.51	3 1-	2 ACSR 6/1	0	0	1577	179	16	2 1	0.00	2.54	0	0
10660190	10660180	2.57	2 1-	2 ACSR 6/1	0	0	1542	179	16	2 1	0.00	2.55	0	0
10660191	10660190	2.63	1 1-	2 ACSR 6/1	0	0	1508	179	15	1 1	0.00	2.55	0	0
10660129	10660078	2.46	1 1-	2 ACSR 6/1	0	0	1612	180	0	0 0	0.00	2.53	0	0
10660123	10660198	2.14	1 1-	2 ACSR 6/1	0	0	1844	182	4	0 0	0.00	2.50	0	0
10660137	10660080	1.81	299 3-	4/0 ACSR 6/1	2735	2574	2184	185	2319	98 29	0.11	1.43	184	184
10650172	10660137	1.84	1 1-	2 ACSR 6/1	0	0	2151	185	7	0 0	0.00	2.59	0	0
10650171	10660137	1.85	297 3-	4/0 ACSR 6/1	2701	2540	2150	185	2307	98 29	0.04	1.47	71	71
10650093	10650171	1.91	63 3-	1/0 ACSR 6/1	0	0	2088	185	350	14 6	0.03	1.48	7	7
D10-65-P064	10650093	1.91	63 3-	RBC-50-L	0	0	2088	185	350	14 30	0.00	1.48	0	0
10650146	D10-65-P064	1.98	63 3-	1/0 ACSR 6/1	0	0	2022	184	350	14 6	0.04	1.50	7	7
10650147	10650146	2.47	62 3-	1/0 ACSR 6/1	0	0	1634	180	342	14 6	0.26	1.61	53	53
10650148	10650147	2.54	60 3-	1/0 ACSR 6/1	0	0	1585	180	328	13 6	0.04	1.62	8	8
10650149	10650148	2.64	58 3-	1/0 ACSR 6/1	0	0	1528	179	313	13 6	0.05	1.64	11	11
10750061	10650149	2.82	50 3-	1/0 ACSR 6/1	0	0	1427	178	280	11 5	0.10	1.67	19	19
10750062	10750061	2.98	49 3-	1/0 ACSR 6/1	0	0	1351	177	278	11 5	0.09	1.70	17	17
10750114	10750062	3.16	37 1-	2 ACSR 6/1	0	0	1269	175	236	30 17	0.16	2.41	30	30
10750115	10750114	3.28	37 1-	2 ACSR 6/1	0	0	1221	174	236	30 17	0.10	2.52	19	19
10750085	10750115	3.34	4 1-	2 ACSR 6/1	0	0	1201	174	31	4 2	0.00	2.52	0	0
10750096	10750085	3.36	2 1-	2 ACSR 6/1	0	0	1192	174	16	2 1	0.00	2.52	0	0
10750098	10750096	3.45	1 1-	2 ACSR 6/1	0	0	1160	173	11	1 1	0.00	2.52	0	0
10750097	10750096	3.39	1 1-	2 ACSR 6/1	0	0	1181	174	5	0 0	0.00	2.52	0	0
10750084	10750115	3.33	32 1-	2 ACSR 6/1	0	0	1204	174	204	26 15	0.03	2.55	5	5
10-75-P079-B	10750084	3.33	32 1-	Closed	0	0	1204	174	204	26 0	0.00	2.55	0	0
10-75-P079-A	10-75-P079-B	3.33	32 1-	Closed	0	0	1204	174	204	26 0	0.00	2.55	0	0
10750099	10-75-P079-A	3.38	32 1-	2 ACSR 6/1	0	0	1185	174	204	26 15	0.04	2.59	6	6
10750088	10750099	3.42	29 1-	2 ACSR 6/1	0	0	1170	173	187	24 13	0.03	2.61	4	4
10750089	10750088	3.48	25 1-	2 ACSR 6/1	0	0	1148	173	158	20 11	0.03	2.65	4	4
10750091	10750089	3.52	12 1-	2 ACSR 6/1	0	0	1134	173	58	7 4	0.01	2.66	0	0
10750093	10750091	3.55	11 1-	2 ACSR 6/1	0	0	1127	172	55	7 4	0.00	2.66	0	0
10750094	10750093	3.64	9 1-	2 ACSR 6/1	0	0	1098	172	46	5 3	0.01	2.67	0	0
10750050	10750094	3.73	8 1-	2 ACSR 6/1	0	0	1069	171	36	4 3	0.01	2.69	0	0
10850006	10750050	3.79	7 1-	2 ACSR 6/1	0	0	1051	171	34	4 2	0.01	2.69	0	0
10850011	10850006	3.84	2 1-	2 ACSR 6/1	0	0	1036	170	12	1 1	0.00	2.70	0	0
10850007	10850006	4.10	5 1-	2 ACSR 6/1	0	0	969	169	21	2 2	0.02	2.72	0	0
10850009	10850007	4.16	4 1-	2 ACSR 6/1	0	0	953	168	16	2 1	0.00	2.72	0	0
10850010	10850009	4.46	1 1-	2 ACSR 6/1	0	0	887	166	9	1 1	0.00	2.73	0	0
10850008	10850007	4.14	1 1-	2 ACSR 6/1	0	0	959	168	5	0 0	0.00	2.72	0	0
10750095	10750094	3.78	1 1-	2 ACSR 6/1	0	0	1054	171	9	1 1	0.00	2.68	0	0
10750092	10750091	3.56	1 1-	2 ACSR 6/1	0	0	1123	172	3	0 0	0.00	2.66	0	0
10750090	10750089	3.70	11 1-	2 ACSR 6/1	0	0	1079	171	82	10 6	0.06	2.71	4	4
10740039	10750090	3.75	0 1-	2 ACSR 6/1	0	0	1064	171	0	0 0	0.00	2.71	0	0
10740024	10750090	3.79	11 1-	2 ACSR 6/1	0	0	1052	171	82	10 6	0.03	2.74	2	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D10-74-P021	10740024	3.79	10 1-	FUS	0	0	1052	171	68	8	198	0.00	2.74	0
10740043	D10-74-P021	3.89	10 1-	2 ACSR 6/1	0	0	1024	170	68	8	5	0.02	2.76	0
10740040	10740043	3.93	8 1-	2 ACSR 6/1	0	0	1011	170	42	5	3	0.01	2.77	0
10840014	10740040	3.99	7 1-	2 ACSR 6/1	0	0	997	169	35	4	2	0.01	2.77	0
10840010	10840014	4.04	5 1-	2 ACSR 6/1	0	0	983	169	27	3	2	0.00	2.78	0
10840011	10840010	4.20	3 1-	2 ACSR 6/1	0	0	944	168	23	3	2	0.01	2.79	0
10840009	10840011	4.45	3 1-	2 ACSR 6/1	0	0	889	166	23	3	2	0.02	2.81	0
10740025	10840009	4.56	1 1-	2 ACSR 6/1	0	0	866	166	3	0	0	0.00	2.81	0
10740031	10740025	4.66	0 1-	2 ACSR 6/1	0	0	846	165	0	0	0	0.00	2.81	0
10740030	10740025	4.70	1 1-	2 ACSR 6/1	0	0	840	165	3	0	0	0.00	2.82	0
10740028	10840009	4.52	2 1-	2 ACSR 6/1	0	0	874	166	20	2	1	0.00	2.82	0
10740029	10740028	4.67	1 1-	2 ACSR 6/1	0	0	844	165	13	1	1	0.00	2.82	0
10840008	10840011	4.35	0 1-	2 ACSR 6/1	0	0	909	167	0	0	0	0.00	2.79	0
10840012	10840014	4.03	2 1-	2 ACSR 6/1	0	0	985	169	8	1	1	0.00	2.77	0
10840013	10740040	3.99	1 1-	2 ACSR 6/1	0	0	996	169	7	0	1	0.00	2.77	0
10740026	10740043	3.96	1 1-	2 ACSR 6/1	0	0	1004	170	10	1	1	0.00	2.76	0
10740027	10740024	3.83	1 1-	2 ACSR 6/1	0	0	1039	170	15	1	1	0.00	2.74	0
10750100	10750088	3.50	0 1-	2 ACSR 6/1	0	0	1143	173	0	0	0	0.00	2.61	0
10750048	10750062	3.09	12 1-	2 ACSR 6/1	0	0	1300	176	41	5	3	0.02	2.96	0
10750049	10750048	3.11	6 1-	2 ACSR 6/1	0	0	1289	176	25	3	2	0.00	2.96	0
D10-75-P096	10750049	3.11	6 1-	FUS	0	0	1289	176	25	3	74	0.00	2.96	0
10750101	D10-75-P096	3.48	6 1-	2 ACSR 6/1	0	0	1151	173	25	3	2	0.03	2.99	0
10740032	10750101	3.51	6 1-	2 ACSR 6/1	0	0	1137	173	25	3	2	0.00	3.00	0
10740034	10740032	3.57	3 1-	2 ACSR 6/1	0	0	1119	172	4	0	0	0.00	3.00	0
10740035	10740034	3.69	2 1-	2 ACSR 6/1	0	0	1082	172	3	0	0	0.00	3.00	0
10740037	10740035	3.73	2 1-	2 ACSR 6/1	0	0	1069	171	3	0	0	0.00	3.00	0
10740038	10740037	4.15	1 1-	2 ACSR 6/1	0	0	955	168	3	0	0	0.00	3.00	0
10640038	10740038	4.22	0 1-	2 ACSR 6/1	0	0	939	168	0	0	0	0.00	3.00	0
10640040	10640038	4.47	0 1-	2 ACSR 6/1	0	0	884	166	0	0	0	0.00	3.00	0
10640039	10640038	4.61	0 1-	2 ACSR 6/1	0	0	855	165	0	0	0	0.00	3.00	0
10740036	10740035	3.74	0 1-	2 ACSR 6/1	0	0	1067	171	0	0	0	0.00	3.00	0
10740033	10740032	3.58	3 1-	2 ACSR 6/1	0	0	1117	172	21	2	2	0.00	3.00	0
10740044	10740033	3.65	2 1-	2 ACSR 6/1	0	0	1094	172	15	1	1	0.00	3.00	0
10750063	10750048	3.21	6 1-	2 ACSR 6/1	0	0	1251	175	16	2	1	0.01	2.97	0
10750064	10750063	3.25	6 1-	2 ACSR 6/1	0	0	1234	175	16	2	1	0.00	2.97	0
10750065	10750064	3.28	5 1-	2 ACSR 6/1	0	0	1222	174	11	1	1	0.00	2.97	0
10750066	10750065	3.31	5 1-	2 ACSR 6/1	0	0	1209	174	11	1	1	0.00	2.97	0
10750067	10750066	3.40	3 1-	2 ACSR 6/1	0	0	1177	174	4	0	0	0.00	2.97	0
10750058	10650149	2.67	2 1-	2 ACSR 6/1	0	0	1508	179	10	1	1	0.00	2.87	0
10750059	10750058	2.72	0 1-	2 ACSR 6/1	0	0	1481	178	0	0	0	0.00	2.87	0
10750060	10750059	2.96	0 1-	2 ACSR 6/1	0	0	1361	177	0	0	0	0.00	2.87	0
10750057	10650149	2.69	6 1-	2 ACSR 6/1	0	0	1499	179	22	2	2	0.00	2.87	0
10650150	10650171	1.88	234 3-	4/0 ACSR 6/1	2680	2519	2129	185	1957	83	25	0.02	1.49	31
10650198	10650150	1.92	3 1-	2 ACSR 6/1	0	0	2081	185	13	1	1	0.00	2.69	0
10650199	10650198	1.98	2 1-	2 ACSR 6/1	0	0	2025	184	11	1	1	0.00	2.69	0
10650142	10650199	2.03	1 1-	2 ACSR 6/1	0	0	1983	184	4	0	0	0.00	2.69	0
10650143	10650150	1.96	230 3-	4/0 ACSR 6/1	2618	2456	2067	185	1938	82	24	0.06	1.55	92
10650144	10650143	2.02	1 1-	2 ACSR 6/1	0	0	2004	184	0	0	0	0.00	2.79	0
10650151	10650143	2.05	227 3-	4/0 ACSR 6/1	2552	2390	2002	185	1919	81	24	0.06	1.61	102
10650153	10650151	2.12	225 3-	4/0 ACSR 6/1	2505	2343	1956	184	1917	81	24	0.05	1.66	77
10650173	10650153	2.17	3 1-	2 ACSR 6/1	0	0	1911	184	10	1	1	0.00	1.84	0
10650174	10650173	2.28	1 1-	2 ACSR 6/1	0	0	1820	183	6	0	0	0.00	1.84	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10650092	10650153	2.19	222 3-	4/0 ACSR 6/1	2453	2291	1906	184	1907	81	24	0.05	1.71	86
10650096	10650092	2.26	222 3-	4/0 ACSR 6/1	2410	2249	1865	184	1906	81	24	0.05	1.76	74
10650098	10650096	2.52	210 3-	4/0 ACSR 6/1	2255	2096	1720	183	1840	78	23	0.19	1.93	268
10650099	10650098	2.70	167 3-	4/0 ACSR 6/1	2158	2000	1632	182	1570	67	20	0.06	2.03	132
10650177	10650099	2.74	10 3-	4/0 ACSR 6/1	2137	1979	1612	182	130	5	2	0.00	2.04	0
10650181	10650177	2.80	3 3-	4/0 ACSR 6/1	2109	1952	1587	182	73	3	1	0.00	2.04	0
10650178	10650177	2.80	6 1-	2 ACSR 6/1	0	0	1581	182	52	6	4	0.01	3.69	0
10650101	10650178	2.86	5 1-	2 ACSR 6/1	0	0	1541	181	35	4	3	0.01	3.69	0
10650183	10650101	2.94	4 1-	2 ACSR 6/1	0	0	1499	181	32	4	2	0.00	3.70	0
10650180	10650101	2.92	1 1-	2 ACSR 6/1	0	0	1510	181	3	0	0	0.00	3.70	0
10650179	10650178	2.83	1 1-	2 ACSR 6/1	0	0	1560	182	18	2	1	0.00	3.69	0
10650169	10650099	2.80	157 3-	4/0 ACSR 6/1	2108	1951	1586	182	1439	61	18	0.03	2.09	61
10650182	10650169	2.87	153 3-	4/0 ACSR 6/1	2075	1919	1557	182	1422	60	18	0.02	2.12	40
10650100	10650182	3.18	146 3-	4/0 ACSR 6/1	1939	1787	1438	181	1379	59	17	0.09	2.27	171
10550138	10650100	3.25	2 1-	2 ACSR 6/1	0	0	1403	180	7	0	1	0.00	4.10	0
10550089	10650100	3.30	144 3-	4/0 ACSR 6/1	1890	1739	1395	180	1370	58	17	0.04	2.33	67
10550090	10550089	3.35	144 3-	4/0 ACSR 6/1	1869	1720	1377	180	1369	58	17	0.02	2.36	29
10550139	10550090	3.44	3 1-	2 ACSR 6/1	0	0	1340	179	14	1	1	0.00	4.26	0
10550140	10550139	3.48	2 1-	2 ACSR 6/1	0	0	1320	179	12	1	1	0.00	4.26	0
10550174	10550090	3.37	141 3-	4/0 ACSR 6/1	1862	1712	1371	180	1355	58	17	0.01	2.37	10
10550175	10550174	3.41	141 3-	4/0 ACSR 6/1	1847	1698	1358	180	1355	58	17	0.01	2.39	21
10550126	10550175	3.50	2 3-	15 KV 2 URD XLP	1816	1667	1335	423	703	31	19	0.07	2.46	47
10540230	10550126	3.50	2 3-	Consumer	1816	1667	1335	423	703	31	0	0.00	2.46	0
10550201	10550175	3.49	139 3-	4/0 ACSR 6/1	1817	1669	1332	180	651	28	8	0.00	2.40	13
CAP119	10550201	3.49	138 3-	Capacitor	0	0	0	0	620	27	0	0.00	2.40	0
10550176	CAP119	3.53	138 3-	4/0 ACSR 6/1	1801	1654	1319	180	620	26	8	0.00	2.41	7
10550217	10550176	3.67	138 3-	4/0 ACSR 6/1	1753	1608	1278	179	620	26	8	0.01	2.44	23
10540055	10550217	3.68	4 3-	2 ACSR 6/1	1747	1602	1274	179	20	0	0	0.00	2.44	0
D10-54-P062	10540055	3.68	4 3-	FUS	1747	1602	1274	179	20	0	19	0.00	2.44	0
10540050	D10-54-P062	3.77	4 3-	2 ACSR 6/1	1705	1559	1242	178	20	0	0	0.00	2.44	0
10550179	10540050	3.90	0 1-	2 ACSR 6/1	0	0	1193	177	0	0	0	0.00	2.42	0
10550177	10540050	3.80	3 3-	2 ACSR 6/1	1687	1542	1228	178	12	0	0	0.00	2.44	0
10550178	10550177	3.87	2 1-	2 ACSR 6/1	0	0	1205	178	12	1	1	0.00	4.47	0
10540029	10550217	3.73	134 3-	4/0 ACSR 6/1	1731	1587	1260	179	600	25	8	0.00	2.45	10
10540026	10540029	3.82	32 3-	2 ACSR 6/1	1692	1547	1230	178	153	6	4	0.00	2.47	3
10540044	10540026	3.84	31 3-	2 ACSR 6/1	1679	1535	1220	178	122	5	3	0.00	2.47	0
10540043	10540044	3.86	31 3-	2 ACSR 6/1	1669	1524	1213	178	122	5	3	0.00	2.47	0
10540027	10540043	3.98	3 3-	4/0 ACSR 6/1	1634	1491	1183	177	33	1	0	0.00	2.47	0
10540045	10540027	4.01	2 3-	4/0 ACSR 6/1	1623	1481	1175	177	24	1	0	0.00	2.47	0
10540046	10540045	4.10	1 3-	4/0 ACSR 6/1	1599	1458	1155	177	18	0	0	0.00	2.47	0
10540047	10540046	4.15	0 3-	4/0 ACSR 6/1	1585	1445	1144	177	0	0	0	0.00	2.47	0
10540032	10540043	3.89	28 3-	4/0 ACSR 6/1	1661	1517	1206	178	88	3	1	0.00	2.47	0
D10-54-P021	10540032	3.89	25 1-	REC-70-L	0	0	1206	178	85	11	16	0.00	4.55	0
10540034	D10-54-P021	4.05	25 1-	2 ACSR 6/1	0	0	1152	177	85	11	6	0.05	4.59	3
10540036	10540034	4.09	20 1-	2 ACSR 6/1	0	0	1141	176	73	9	5	0.01	4.60	0
10540037	10540036	4.12	19 1-	2 ACSR 6/1	0	0	1131	176	68	8	5	0.01	4.61	0
10540056	10540037	4.15	18 1-	2 ACSR 6/1	0	0	1122	176	63	8	5	0.01	4.62	0
10540040	10540056	4.24	13 1-	2 ACSR 6/1	0	0	1093	175	45	5	3	0.01	4.63	0
10540033	10540040	4.29	6 1-	2 ACSR 6/1	0	0	1080	175	28	3	2	0.00	4.63	0
10540048	10540033	4.42	5 1-	2 ACSR 6/1	0	0	1043	174	25	3	2	0.01	4.65	0
10540051	10540048	4.51	2 1-	2 ACSR 6/1	0	0	1019	173	16	2	1	0.00	4.65	0
10540049	10540048	4.48	2 1-	2 ACSR 6/1	0	0	1026	173	1	0	0	0.00	4.65	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10540042	10540049	4.55	0 1-	2 ACSR 6/1	0	0	1009	173	0	0	0	0.00	4.65	0
10540030	10540048	4.55	1 1-	2 ACSR 6/1	0	0	1009	173	8	1	1	0.00	4.65	0
10440046	10540030	4.97	1 1-	2 ACSR 6/1	0	0	910	170	8	1	1	0.01	4.66	0
10540041	10540040	4.33	1 1-	2 ACSR 6/1	0	0	1068	175	4	0	0	0.00	4.63	0
10540039	10540056	4.23	2 1-	2 ACSR 6/1	0	0	1097	175	4	0	0	0.00	4.62	0
10540053	10540039	4.26	1 1-	2 ACSR 6/1	0	0	1088	175	0	0	0	0.00	4.62	0
10540035	10540034	4.11	2 1-	2 ACSR 6/1	0	0	1133	176	4	0	0	0.00	4.59	0
10540038	10540029	3.80	1 1-	2 ACSR 6/1	0	0	1235	178	1	0	0	0.00	0.44	0
10540028	10540029	3.84	101 3-	4/0 ACSR 6/1	1698	1556	1233	179	446	19	6	0.01	2.47	10
D10-55-P138	10540028	3.84	44 1-	REC-70-L	0	0	1233	179	195	25	36	0.00	4.55	0
10550088	D10-55-P138	3.85	44 1-	2 ACSR 6/1	0	0	1226	178	195	25	14	0.01	4.56	2
10550181	10550088	3.90	43 1-	2 ACSR 6/1	0	0	1210	178	194	25	14	0.03	4.59	5
10550169	10550181	3.95	41 1-	2 ACSR 6/1	0	0	1193	178	191	24	14	0.03	4.63	5
10550171	10550169	3.98	40 1-	2 ACSR 6/1	0	0	1184	177	186	24	13	0.02	4.65	3
10550172	10550171	4.07	39 1-	2 ACSR 6/1	0	0	1153	177	183	23	13	0.06	4.71	9
10450075	10550172	4.13	37 1-	2 ACSR 6/1	0	0	1134	176	179	23	13	0.04	4.75	6
10450076	10450075	4.16	37 1-	2 ACSR 6/1	0	0	1124	176	179	23	13	0.02	4.77	3
10450078	10450076	4.19	36 1-	2 ACSR 6/1	0	0	1115	176	172	22	13	0.02	4.79	3
10450079	10450078	4.23	35 1-	2 ACSR 6/1	0	0	1104	176	170	22	12	0.02	4.81	3
10450080	10450079	4.30	3 1-	2 ACSR 6/1	0	0	1082	175	16	2	1	0.00	4.81	0
10450091	10450080	4.36	1 1-	2 ACSR 6/1	0	0	1064	175	4	0	0	0.00	4.81	0
10450081	10450091	4.43	0 1-	2 ACSR 6/1	0	0	1046	174	0	0	0	0.00	4.81	0
10450082	10450079	4.25	32 1-	2 ACSR 6/1	0	0	1098	175	154	20	11	0.01	4.82	1
10450083	10450082	4.34	30 1-	2 ACSR 6/1	0	0	1071	175	147	19	11	0.05	4.87	6
10450099	10450083	4.39	29 1-	2 ACSR 6/1	0	0	1057	174	141	18	10	0.02	4.90	3
10450100	10450099	4.43	28 1-	2 ACSR 6/1	0	0	1046	174	130	17	9	0.02	4.92	2
10450090	10450100	4.53	21 1-	2 ACSR 6/1	0	0	1018	173	99	13	7	0.04	4.95	3
10450096	10450090	4.58	11 1-	2 ACSR 6/1	0	0	1006	173	38	4	3	0.01	4.96	0
10450066	10450096	4.63	7 1-	2 ACSR 6/1	0	0	995	173	26	3	2	0.00	4.96	0
10450067	10450066	4.75	2 1-	2 ACSR 6/1	0	0	964	172	11	1	1	0.01	4.97	0
10450068	10450067	4.81	1 1-	2 ACSR 6/1	0	0	950	171	2	0	0	0.00	4.97	0
10450069	10450067	4.89	1 1-	2 ACSR 6/1	0	0	933	171	9	1	1	0.00	4.97	0
10450070	10450069	5.00	1 1-	2 ACSR 6/1	0	0	909	170	9	1	1	0.00	4.97	0
10450071	10450066	4.76	3 1-	2 ACSR 6/1	0	0	963	172	9	1	1	0.00	4.96	0
10450072	10450071	4.79	2 1-	2 ACSR 6/1	0	0	956	171	7	0	0	0.00	4.97	0
10450074	10450072	4.88	1 1-	2 ACSR 6/1	0	0	936	171	3	0	0	0.00	4.97	0
10450073	10450072	4.84	1 1-	2 ACSR 6/1	0	0	944	171	4	0	0	0.00	4.97	0
10450065	10450096	4.67	1 1-	2 ACSR 6/1	0	0	985	172	2	0	0	0.00	4.96	0
10450092	10450090	4.56	8 1-	2 ACSR 6/1	0	0	1011	173	51	6	4	0.00	4.96	0
10450093	10450092	4.60	6 1-	2 ACSR 6/1	0	0	1002	173	39	5	3	0.00	4.96	0
10450094	10450093	4.70	2 1-	2 ACSR 6/1	0	0	976	172	18	2	1	0.01	4.97	0
10450095	10450094	4.74	1 1-	2 ACSR 6/1	0	0	967	172	8	1	1	0.00	4.97	0
10450088	10450100	4.48	3 1-	2 ACSR 6/1	0	0	1033	174	16	2	1	0.00	4.92	0
10450089	10450088	4.59	1 1-	2 ACSR 6/1	0	0	1003	173	8	1	1	0.00	4.92	0
10450087	10450100	4.58	1 1-	2 ACSR 6/1	0	0	1005	173	2	0	0	0.00	4.92	0
10450085	10450100	4.50	1 1-	2 ACSR 6/1	0	0	1028	174	6	0	0	0.00	4.92	0
10450086	10450100	4.64	1 1-	2 ACSR 6/1	0	0	991	173	5	0	0	0.00	4.92	0
10450084	10450083	4.40	1 1-	2 ACSR 6/1	0	0	1053	174	5	0	0	0.00	4.87	0
10450077	10450076	4.23	1 1-	2 ACSR 6/1	0	0	1102	176	6	0	0	0.00	4.77	0
10550170	10550169	4.02	1 1-	2 ACSR 6/1	0	0	1170	177	5	0	0	0.00	4.63	0
10550180	10550088	3.92	1 1-	2 ACSR 6/1	0	0	1204	178	1	0	0	0.00	4.56	0
10550182	10540028	4.00	57 3-	4/0 ACSR 6/1	1648	1508	1191	178	251	10	3	0.05	2.49	9

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10440049	10550182	4.05	53 3-	4/0 ACSR 6/1	1631	1492	1178	178	244	10	3	0.02	2.49	3
D10-44-P072	10440049	4.05	9 1-	FUS	0	0	1178	178	23	2	68	0.00	4.58	0
10440035	D10-44-P072	4.08	9 1-	2 ACSR 6/1	0	0	1169	178	23	2	2	0.00	4.58	0
10440036	10440035	4.12	5 1-	2 ACSR 6/1	0	0	1155	177	15	1	1	0.00	4.58	0
10440037	10440036	4.14	4 1-	2 ACSR 6/1	0	0	1148	177	14	1	1	0.00	4.58	0
10440039	10440037	4.22	1 1-	2 ACSR 6/1	0	0	1126	177	5	0	0	0.00	4.58	0
10440038	10440037	4.18	2 1-	2 ACSR 6/1	0	0	1136	177	8	1	1	0.00	4.58	0
10440025	10440049	4.33	43 3-	4/0 ACSR 6/1	1554	1419	1115	177	220	9	3	0.10	2.51	15
10440040	10440025	4.44	4 1-	2 ACSR 6/1	0	0	1080	176	14	1	1	0.01	2.61	0
10440052	10440040	4.54	3 1-	2 ACSR 6/1	0	0	1053	175	10	1	1	0.00	2.61	0
D10-44-P019	10440052	4.54	1 1-	FUS	0	0	1053	175	0	0	1	0.00	2.61	0
10440051	D10-44-P019	4.76	1 1-	2 ACSR 6/1	0	0	996	174	0	0	0	0.00	2.61	0
10440028	10440025	4.47	39 3-	4/0 ACSR 6/1	1516	1383	1084	176	205	8	3	0.05	2.52	7
D10-44-P082	10440028	4.47	38 1-	REC-70-L	0	0	1084	176	204	26	37	0.00	2.65	0
10440029	D10-44-P082	4.94	38 1-	2 ACSR 6/1	0	0	963	173	204	26	15	0.35	3.00	57
10440030	10440029	5.03	37 1-	2 ACSR 6/1	0	0	943	172	203	26	15	0.07	3.07	11
10440026	10440030	5.51	36 1-	2 ACSR 6/1	0	0	848	169	197	25	14	0.34	3.41	54
10350019	10440026	5.61	36 1-	2 ACSR 6/1	0	0	830	168	196	25	14	0.07	3.48	11
10350015	10350019	5.69	35 1-	2 ACSR 6/1	0	0	816	168	192	24	14	0.06	3.54	9
10350016	10350015	5.77	34 1-	2 ACSR 6/1	0	0	802	167	190	24	14	0.06	3.60	9
10350021	10350016	5.88	32 1-	2 ACSR 6/1	0	0	785	166	185	23	13	0.07	3.67	10
10350022	10350021	5.96	31 1-	2 ACSR 6/1	0	0	773	166	178	23	13	0.05	3.72	7
10350014	10350022	6.01	1 1-	2 ACSR 6/1	0	0	765	165	8	0	1	0.00	3.72	0
10350013	10350022	6.20	29 1-	2 ACSR 6/1	0	0	737	164	164	21	12	0.15	3.86	19
10340041	10350013	6.53	14 1-	2 ACSR 6/1	0	0	693	162	104	13	8	0.13	3.99	11
10340044	10340041	6.69	2 1-	2 ACSR 6/1	0	0	674	161	16	2	1	0.00	4.00	0
10340042	10340041	6.59	12 1-	2 ACSR 6/1	0	0	686	162	89	11	6	0.02	4.01	1
10340020	10340042	6.69	11 1-	2 ACSR 6/1	0	0	673	161	82	10	6	0.03	4.04	2
10340039	10340020	6.85	3 1-	2 ACSR 6/1	0	0	655	160	28	3	2	0.01	4.06	0
10340040	10340039	6.91	2 1-	2 ACSR 6/1	0	0	648	159	19	2	1	0.00	4.06	0
10340038	10340040	6.98	1 1-	2 ACSR 6/1	0	0	641	159	10	1	1	0.00	4.06	0
10340021	10340020	6.98	8 1-	2 ACSR 6/1	0	0	641	159	54	7	4	0.05	4.10	2
10340022	10340021	7.01	7 1-	2 ACSR 6/1	0	0	637	159	49	6	4	0.01	4.10	0
10340025	10340022	7.06	1 1-	2 ACSR 6/1	0	0	632	159	4	0	0	0.00	4.10	0
10340023	10340022	7.07	1 1-	2 ACSR 6/1	0	0	632	159	11	1	1	0.00	4.10	0
10340015	10340022	7.06	5 1-	2 ACSR 6/1	0	0	632	159	33	4	2	0.01	4.11	0
10340026	10340015	7.15	1 1-	2 ACSR 6/1	0	0	623	158	10	1	1	0.00	4.11	0
10340024	10340015	7.10	4 1-	2 ACSR 6/1	0	0	628	158	23	2	2	0.00	4.11	0
10340028	10340024	7.14	3 1-	2 ACSR 6/1	0	0	625	158	17	2	1	0.00	4.11	0
10340030	10340028	7.21	2 1-	2 ACSR 6/1	0	0	617	158	12	1	1	0.00	4.12	0
10340031	10340030	7.43	1 1-	2 ACSR 6/1	0	0	596	156	9	1	1	0.00	4.12	0
10340029	10340028	7.19	1 1-	2 ACSR 6/1	0	0	619	158	5	0	0	0.00	4.11	0
10340016	10350013	6.29	15 1-	2 ACSR 6/1	0	0	724	164	60	7	4	0.02	3.88	0
10340019	10340016	6.35	1 1-	2 ACSR 6/1	0	0	717	163	8	0	1	0.00	3.89	0
10340027	10340019	6.37	1 1-	2 ACSR 6/1	0	0	713	163	8	0	1	0.00	3.89	0
10340017	10340016	6.39	13 1-	2 ACSR 6/1	0	0	711	163	52	6	4	0.02	3.90	0
10340043	10340017	6.47	12 1-	2 ACSR 6/1	0	0	701	162	49	6	4	0.01	3.92	0
10240026	10340043	6.52	1 1-	2 ACSR 6/1	0	0	695	162	0	0	0	0.00	3.92	0
10240025	10340043	6.66	11 1-	2 ACSR 6/1	0	0	677	161	49	6	4	0.03	3.95	1
10240017	10240025	6.75	9 1-	2 ACSR 6/1	0	0	666	161	31	4	2	0.01	3.96	0
10240021	10240017	6.84	5 1-	2 ACSR 6/1	0	0	656	160	6	0	0	0.00	3.96	0
10240022	10240021	7.01	3 1-	2 ACSR 6/1	0	0	638	159	5	0	0	0.00	3.96	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10240024	10240022	7.30	0 1-	2 ACSR 6/1	0	0	609	157	0	0	0	0.00	3.96	0
10240023	10240022	7.10	1 1-	2 ACSR 6/1	0	0	628	158	2	0	0	0.00	3.96	0
10240018	10240017	6.83	3 1-	2 ACSR 6/1	0	0	657	160	22	2	2	0.01	3.96	0
10240020	10240018	6.90	1 1-	2 ACSR 6/1	0	0	650	160	5	0	0	0.00	3.97	0
10240019	10240018	6.87	1 1-	2 ACSR 6/1	0	0	654	160	13	1	1	0.00	3.97	0
10240016	10240025	6.74	1 1-	2 ACSR 6/1	0	0	669	161	6	0	0	0.00	3.95	0
10340018	10340017	6.48	1 1-	2 ACSR 6/1	0	0	699	162	2	0	0	0.00	3.90	0
10350020	10350016	5.81	1 1-	2 ACSR 6/1	0	0	796	167	3	0	0	0.00	3.60	0
10350017	10440026	5.71	0 1-	2 ACSR 6/1	0	0	812	167	0	0	0	0.00	3.41	0
10350018	10350017	5.72	0 1-	2 ACSR 6/1	0	0	810	167	0	0	0	0.00	3.41	0
10-35-P011-B	10350018	5.72	0 1-	Closed	0	0	810	167	0	0	0	0.00	3.41	0
10-35-P011-A	10-35-P011-B	5.72	0 1-	Closed	0	0	810	167	0	0	0	0.00	3.41	0
10350012	10-35-P011-A	5.91	0 1-	2 ACSR 6/1	0	0	779	166	0	0	0	0.00	3.41	0
10440045	10440030	5.10	1 1-	2 ACSR 6/1	0	0	929	172	6	0	0	0.00	3.07	0
10440041	10440029	5.03	1 1-	2 ACSR 6/1	0	0	943	172	0	0	0	0.00	3.00	0
10440044	10440041	5.11	0 1-	2 ACSR 6/1	0	0	926	172	0	0	0	0.00	3.00	0
10440043	10440041	5.14	0 1-	2 ACSR 6/1	0	0	920	171	0	0	0	0.00	3.00	0
10440027	10440028	4.66	1 3-	4/0 ACSR 6/1	1468	1337	1046	176	1	0	0	0.00	2.52	0
10440048	10440027	4.92	1 3-	4/0 ACSR 6/1	1408	1281	998	175	1	0	0	0.00	2.52	0
10440042	10440048	5.63	0 3-	4/0 ACSR 6/1	1267	1148	888	172	0	0	0	0.00	2.52	0
10430051	10440042	6.02	0 3-	4/0 ACSR 6/1	1188	1075	827	171	0	0	0	0.00	2.52	0
SW28-A	10430051	6.02	0 3-	Open	0	0	0	0	0	0	0	0.00	2.52	0
10440047	10440027	4.82	0 1-	2 ACSR 6/1	0	0	1007	175	0	0	0	0.00	2.65	0
10440034	10440049	4.21	1 1-	2 ACSR 6/1	0	0	1127	177	1	0	0	0.00	2.51	0
10650186	10650182	2.92	2 1-	2 ACSR 6/1	0	0	1531	181	13	1	1	0.00	3.83	0
10650184	10650182	2.89	5 1-	2 ACSR 6/1	0	0	1543	182	30	3	2	0.00	2.25	0
10650185	10650184	2.92	1 1-	2 ACSR 6/1	0	0	1530	181	3	0	0	0.00	2.25	0
10650170	10650169	2.85	1 1-	2 ACSR 6/1	0	0	1557	182	2	0	0	0.00	3.76	0
10650176	10650098	2.56	1 1-	2 ACSR 6/1	0	0	1690	183	4	0	0	0.00	3.48	0
10650120	10650098	2.58	42 1-	2 ACSR 6/1	0	0	1682	183	263	33	19	0.05	2.19	11
D10-65-P017	10650120	2.58	39 1-	REC-50-4H	0	0	1682	183	256	32	66	0.00	2.19	0
10650197	D10-65-P017	2.63	39 1-	2 ACSR 6/1	0	0	1648	182	256	32	18	0.05	2.23	10
10650123	10650197	2.72	37 1-	2 ACSR 6/1	0	0	1590	181	248	31	18	0.08	2.32	16
10650125	10650123	2.75	35 1-	2 ACSR 6/1	0	0	1576	181	241	30	17	0.02	2.34	4
10650126	10650125	2.78	34 1-	2 ACSR 6/1	0	0	1556	181	232	29	17	0.03	2.37	5
10650127	10650126	2.81	33 1-	2 ACSR 6/1	0	0	1539	181	232	29	17	0.02	2.39	4
10650157	10650127	2.87	29 1-	2 ACSR 6/1	0	0	1506	180	216	27	15	0.05	2.44	8
10650155	10650157	3.00	12 1-	2 ACSR 6/1	0	0	1436	179	99	12	7	0.05	2.48	4
10650156	10650155	3.06	11 1-	2 ACSR 6/1	0	0	1405	179	99	12	7	0.02	2.50	2
10650160	10650156	3.17	7 1-	2 ACSR 6/1	0	0	1356	178	90	11	6	0.03	2.54	2
10650201	10650160	3.20	6 1-	2 ACSR 6/1	0	0	1340	178	81	10	6	0.01	2.55	0
10650090	10650201	3.23	5 1-	2 ACSR 6/1	0	0	1327	178	61	7	4	0.01	2.55	0
10650119	10650090	3.34	4 1-	2 ACSR 6/1	0	0	1281	177	43	5	3	0.01	2.57	0
10640030	10650119	3.39	2 1-	2 ACSR 6/1	0	0	1259	176	19	2	1	0.00	2.57	0
10640032	10640030	3.42	1 1-	2 ACSR 6/1	0	0	1249	176	9	1	1	0.00	2.57	0
10640031	10640030	3.42	1 1-	2 ACSR 6/1	0	0	1247	176	10	1	1	0.00	2.57	0
10650162	10650090	3.29	1 1-	2 ACSR 6/1	0	0	1300	177	17	2	1	0.00	2.56	0
10650161	10650201	3.26	1 1-	2 ACSR 6/1	0	0	1314	177	20	2	1	0.00	2.55	0
10650154	10650157	2.89	15 1-	2 ACSR 6/1	0	0	1492	180	105	13	7	0.01	2.45	0
10650158	10650154	2.93	15 1-	2 ACSR 6/1	0	0	1471	180	105	13	7	0.01	2.46	1
10650159	10650158	3.00	13 1-	2 ACSR 6/1	0	0	1437	179	88	11	6	0.02	2.48	1
10650175	10650159	3.07	11 1-	2 ACSR 6/1	0	0	1400	179	64	8	5	0.02	2.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10640022	10650175	3.09	2 1-	2 ACSR 6/1	0	0	1391	179	12	1	1	0.00	2.49	0
10640023	10640022	3.16	1 1-	2 ACSR 6/1	0	0	1362	178	4	0	0	0.00	2.50	0
10640024	10650175	3.10	9 1-	2 ACSR 6/1	0	0	1389	179	52	6	4	0.00	2.50	0
10640025	10640024	3.13	8 1-	2 ACSR 6/1	0	0	1375	178	43	5	3	0.00	2.50	0
10640026	10640025	3.29	7 1-	2 ACSR 6/1	0	0	1304	177	34	4	2	0.02	2.52	0
10640027	10640026	3.38	6 1-	2 ACSR 6/1	0	0	1266	176	31	4	2	0.01	2.53	0
10640029	10640027	3.45	6 1-	2 ACSR 6/1	0	0	1236	176	31	4	2	0.01	2.54	0
10640033	10640029	3.59	5 1-	2 ACSR 6/1	0	0	1185	175	22	2	2	0.01	2.55	0
10640021	10640033	3.79	4 1-	2 ACSR 6/1	0	0	1118	173	19	2	1	0.01	2.56	0
10640036	10640021	3.99	1 1-	2 ACSR 6/1	0	0	1056	172	8	0	1	0.00	2.57	0
10640035	10640021	3.91	1 1-	2 ACSR 6/1	0	0	1079	173	8	1	1	0.00	2.57	0
10640034	10640021	3.99	2 1-	2 ACSR 6/1	0	0	1055	172	4	0	0	0.00	2.57	0
10640037	10640033	4.01	1 1-	2 ACSR 6/1	0	0	1052	172	3	0	0	0.00	2.55	0
10640028	10640027	3.49	0 1-	2 ACSR 6/1	0	0	1224	176	0	0	0	0.00	2.53	0
10650128	10650127	2.88	1 1-	2 ACSR 6/1	0	0	1501	180	9	1	1	0.00	2.39	0
10650121	10650120	2.65	3 1-	2 ACSR 6/1	0	0	1633	182	7	0	0	0.00	2.19	0
10650122	10650121	2.71	1 1-	2 ACSR 6/1	0	0	1595	181	3	0	0	0.00	2.19	0
10650097	10650096	2.29	0 1-	2 ACSR 6/1	0	0	1838	184	0	0	0	0.00	1.94	0
10650109	10650096	2.30	12 1-	2 ACSR 6/1	0	0	1831	183	65	8	5	0.01	3.19	0
D10-65-P038	10650109	2.30	11 1-	FUS	0	0	1831	183	63	8	184	0.00	3.19	0
10650196	D10-65-P038	2.33	11 1-	2 ACSR 6/1	0	0	1811	183	63	8	4	0.01	3.19	0
10650110	10650196	2.36	10 1-	2 ACSR 6/1	0	0	1787	183	60	7	4	0.01	3.20	0
10650111	10650110	2.40	10 1-	2 ACSR 6/1	0	0	1758	183	60	7	4	0.01	3.21	0
10650114	10650111	2.49	8 1-	2 ACSR 6/1	0	0	1696	182	53	6	4	0.02	3.23	0
10650116	10650114	2.57	7 1-	2 ACSR 6/1	0	0	1643	181	52	6	4	0.01	3.24	0
10650118	10650116	2.58	4 1-	2 ACSR 6/1	0	0	1634	181	23	2	2	0.00	3.24	0
10650124	10650118	2.64	2 1-	2 ACSR 6/1	0	0	1595	181	6	0	0	0.00	3.24	0
10650117	10650116	2.65	1 1-	2 ACSR 6/1	0	0	1593	181	19	2	1	0.00	3.24	0
10650112	10650111	2.43	1 1-	2 ACSR 6/1	0	0	1736	182	1	0	0	0.00	3.21	0
10650113	10650112	2.47	1 1-	2 ACSR 6/1	0	0	1710	182	1	0	0	0.00	3.21	0
10650152	10650151	2.12	1 1-	2 ACSR 6/1	0	0	1939	184	0	0	0	0.00	2.91	0
10660122	10660193	1.72	1 1-	2 ACSR 6/1	0	0	2247	185	10	1	1	0.00	2.37	0
10660153	10660136	1.08	2 1-	2 ACSR 6/1	0	0	2966	187	14	1	1	0.00	0.07	0
10660145	10660182	0.70	3 1-	2 ACSR 6/1	0	0	3562	188	17	2	1	0.00	0.64	0
10660172	10660171	0.65	185 3-	336 ACSR 18/1	4000	3914	3672	189	1263	53	10	0.02	0.53	14
10660196	10660172	0.70	1 3-	336 ACSR 18/1	3939	3846	3590	189	3	0	0	0.00	0.53	0
D10-66-P207	10660196	0.70	1 1-	FUS	0	0	3590	189	3	0	10	0.00	0.62	0
10660197	D10-66-P207	0.78	1 1-	2 ACSR 6/1	0	0	3382	188	3	0	0	0.00	0.62	0
10660173	10660197	0.86	0 1-	2 ACSR 6/1	0	0	3187	187	0	0	0	0.00	0.62	0
10660147	10660172	0.68	184 3-	1/0 ACSR 6/1	3946	3855	3604	189	1260	53	23	0.03	0.55	23
10660146	10660147	0.70	182 3-	1/0 ACSR 6/1	3914	3820	3564	189	1256	52	23	0.02	0.56	14
D10-66-P195	10660146	0.70	182 3-	REC-70-L	3914	3820	3564	189	1256	52	76	0.00	0.56	0
10660149	D10-66-P195	0.79	182 3-	1/0 ACSR 6/1	3739	3628	3349	188	1256	52	23	0.09	0.64	77
10660148	10660149	1.03	180 3-	1/0 ACSR 6/1	3359	3217	2909	187	1237	52	23	0.22	0.83	184
10560042	10660148	1.09	173 3-	1/0 ACSR 6/1	3263	3115	2803	186	1172	49	22	0.07	0.88	47
10560041	10560042	1.18	172 3-	1/0 ACSR 6/1	3138	2983	2669	186	1162	49	21	0.09	0.95	64
10560093	10560041	1.22	4 1-	2 ACSR 6/1	0	0	2614	186	14	1	1	0.00	1.19	0
10560094	10560093	1.30	1 1-	2 ACSR 6/1	0	0	2481	185	4	0	0	0.00	1.19	0
10560099	10560041	1.21	168 3-	1/0 ACSR 6/1	3099	2941	2627	186	1147	48	21	0.03	0.97	20
10560105	10560099	1.29	165 3-	1/0 ACSR 6/1	2997	2834	2520	185	1120	47	21	0.08	1.03	54
10560107	10560105	1.38	163 3-	1/0 ACSR 6/1	2889	2722	2410	185	1114	47	20	0.09	1.10	59
10560109	10560107	1.47	159 3-	1/0 ACSR 6/1	2787	2617	2308	184	1093	46	20	0.09	1.16	58

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10560111	10560109	1.52	2 1-	2 ACSR 6/1	0	0	2247	184	16	2	1	0.00	1.34	0
10560110	10560109	1.58	157 3-	1/0 ACSR 6/1	2677	2504	2199	184	1076	45	20	0.11	1.23	66
10560081	10560110	1.62	10 1-	2 ACSR 6/1	0	0	2145	183	45	5	3	0.01	1.54	0
10560079	10560081	1.67	6 1-	2 ACSR 6/1	0	0	2094	183	26	3	2	0.00	1.54	0
10560080	10560079	1.72	4 1-	2 ACSR 6/1	0	0	2044	183	20	2	1	0.00	1.54	0
10560112	10560080	1.78	2 1-	2 ACSR 6/1	0	0	1978	182	17	2	1	0.00	1.55	0
10560083	10560110	1.62	147 3-	1/0 ACSR 6/1	2631	2458	2155	184	1031	43	19	0.04	1.26	26
10550116	10560083	1.77	1 1-	2 ACSR 6/1	0	0	2004	183	8	1	1	0.00	1.57	0
10550162	10560083	1.71	145 3-	1/0 ACSR 6/1	2550	2376	2077	183	1011	42	19	0.07	1.32	46
10550128	10550162	1.80	7 1-	2 ACSR 6/1	0	0	1983	182	64	8	5	0.02	1.46	0
10550129	10550128	1.94	5 1-	2 ACSR 6/1	0	0	1858	181	39	5	3	0.02	1.47	0
10550127	10550129	1.99	4 1-	2 ACSR 6/1	0	0	1811	181	29	3	2	0.01	1.48	0
10550117	10550127	2.05	1 1-	2 ACSR 6/1	0	0	1767	181	0	0	0	0.00	1.48	0
10550163	10550127	2.03	2 1-	2 ACSR 6/1	0	0	1785	181	21	2	1	0.00	1.48	0
10550137	10550163	2.08	1 1-	2 ACSR 6/1	0	0	1740	180	15	1	1	0.00	1.48	0
10550118	10550162	1.76	136 3-	1/0 ACSR 6/1	2500	2325	2029	183	931	39	17	0.05	1.35	28
10550168	10550118	1.81	133 3-	1/0 ACSR 6/1	2454	2279	1986	183	913	38	17	0.05	1.38	25
10-55-P216-B	10550168	1.81	133 3-	Closed	2454	2279	1986	183	912	38	0	0.00	1.38	0
10-55-P216-A	10-55-P216-B	1.81	133 3-	Closed	1711	1557	1281	178	912	38	0	0.00	1.38	0
10550192	10-55-P216-A	1.84	133 3-	1/0 ACSR 6/1	1711	1557	1281	178	912	38	17	0.02	1.40	11
10550164	10550192	2.03	101 3-	1/0 ACSR 6/1	1721	1567	1289	178	628	26	12	0.08	1.48	40
10550190	10550164	2.12	5 1-	2 ACSR 6/1	0	0	1315	178	25	3	2	0.01	1.52	0
10550191	10550190	2.15	3 1-	2 ACSR 6/1	0	0	1304	178	18	2	1	0.00	1.52	0
10550165	10550191	2.19	2 1-	2 ACSR 6/1	0	0	1287	177	13	1	1	0.00	1.52	0
10550189	10550164	2.11	93 3-	1/0 ACSR 6/1	1807	1650	1359	179	584	24	11	0.04	1.51	16
10550193	10550189	2.18	5 1-	2 ACSR 6/1	0	0	1359	179	17	2	1	0.00	1.53	0
10550194	10550193	2.22	2 1-	2 ACSR 6/1	0	0	1340	178	3	0	0	0.00	1.53	0
10550188	10550189	2.20	87 3-	1/0 ACSR 6/1	1847	1689	1391	179	558	23	10	0.04	1.54	17
10550122	10550188	2.31	78 3-	1/0 ACSR 6/1	1895	1735	1430	180	516	21	10	0.05	1.58	16
10550197	10550122	2.41	74 3-	1/0 ACSR 6/1	1949	1788	1475	180	508	21	9	0.05	1.61	15
10550186	10550197	2.46	14 1-	2 ACSR 6/1	0	0	1489	180	141	18	10	0.03	2.05	3
10550187	10550186	2.52	12 1-	2 ACSR 6/1	0	0	1459	180	138	17	10	0.03	2.08	3
10550141	10550187	2.56	12 1-	2 ACSR 6/1	0	0	1436	179	138	17	10	0.02	2.10	2
10550155	10550141	2.61	10 1-	2 ACSR 6/1	0	0	1413	179	119	15	8	0.02	2.12	2
10550158	10550155	2.65	7 1-	2 ACSR 6/1	0	0	1394	179	84	10	6	0.01	2.13	0
10550159	10550158	2.71	1 1-	2 ACSR 6/1	0	0	1367	178	2	0	0	0.00	2.13	0
10550160	10550158	2.70	5 1-	2 ACSR 6/1	0	0	1372	178	72	9	5	0.01	2.14	0
10550120	10550160	2.75	2 1-	2 ACSR 6/1	0	0	1347	178	27	3	2	0.00	2.15	0
10550121	10550120	2.82	1 1-	2 ACSR 6/1	0	0	1316	177	19	2	1	0.00	2.15	0
10550119	10550160	2.79	1 1-	2 ACSR 6/1	0	0	1332	178	22	2	2	0.00	2.15	0
10550161	10550160	2.75	2 1-	2 ACSR 6/1	0	0	1350	178	23	2	2	0.00	2.14	0
10550156	10550155	2.65	2 1-	2 ACSR 6/1	0	0	1393	179	22	2	2	0.00	2.12	0
10550157	10550156	2.73	1 1-	2 ACSR 6/1	0	0	1356	178	15	1	1	0.00	2.12	0
10550199	10550197	2.49	7 1-	2 ACSR 6/1	0	0	1475	180	35	4	2	0.01	1.56	0
10550183	10550199	2.53	2 1-	2 ACSR 6/1	0	0	1456	180	12	1	1	0.00	1.56	0
10550184	10550183	2.58	1 1-	2 ACSR 6/1	0	0	1427	179	6	0	0	0.00	1.56	0
10550185	10550199	2.59	3 1-	2 ACSR 6/1	0	0	1424	179	15	1	1	0.00	1.56	0
10550200	10550199	2.56	0 1-	2 ACSR 6/1	0	0	1437	179	0	0	0	0.00	1.56	0
10550198	10550197	2.52	51 3-	1/0 ACSR 6/1	2005	1843	1521	181	318	13	6	0.02	1.63	12
10650108	10550198	2.61	49 3-	1/0 ACSR 6/1	2074	1911	1578	181	311	13	6	0.01	1.65	9
10650107	10650108	2.65	46 3-	1/0 ACSR 6/1	2130	1966	1625	182	305	12	6	0.00	1.66	4
D10-65-P049	10650107	2.65	16 1-	FUS	0	0	1646	182	129	16	375	0.00	1.39	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LROP DROP	TOTAL DROP	LINE LOSS
10650129	D10-65-P049	2.70	16 1-	2 ACSR 6/1	0	0	1615	181	129	16	9	0.02	1.41	2
10650130	10650129	2.75	15 1-	2 ACSR 6/1	0	0	1581	181	111	14	8	0.02	1.44	2
10650131	10650130	2.81	13 1-	2 ACSR 6/1	0	0	1549	181	94	11	7	0.02	1.45	1
10650095	10650131	2.84	11 1-	2 ACSR 6/1	0	0	1531	180	76	9	5	0.01	1.46	0
10650188	10650095	2.89	6 1-	2 ACSR 6/1	0	0	1505	180	50	6	4	0.01	1.47	0
10650189	10650188	2.92	4 1-	2 ACSR 6/1	0	0	1484	180	25	3	2	0.00	1.47	0
10650191	10650189	2.96	2 1-	2 ACSR 6/1	0	0	1463	179	13	1	1	0.00	1.47	0
10650190	10650189	2.95	1 1-	2 ACSR 6/1	0	0	1468	180	5	0	0	0.00	1.47	0
10650168	10650190	3.03	1 1-	15 KV 2 URD XLP	0	0	1433	423	5	0	0	0.00	1.47	0
10650106	10650095	2.90	5 1-	2 ACSR 6/1	0	0	1495	180	26	3	2	0.01	1.47	0
10650115	10650106	2.93	3 1-	2 ACSR 6/1	0	0	1480	180	16	2	1	0.00	1.47	0
10650105	10650106	2.97	1 1-	2 ACSR 6/1	0	0	1457	179	4	0	0	0.00	1.47	0
10650145	10650131	2.85	2 1-	2 ACSR 6/1	0	0	1524	180	18	2	1	0.00	1.46	0
10650187	10650145	2.88	1 1-	2 ACSR 6/1	0	0	1510	180	8	1	1	0.00	1.46	0
10650132	10650130	2.80	1 1-	2 ACSR 6/1	0	0	1550	181	10	1	1	0.00	1.44	0
10650141	10650107	2.70	28 3-	1/0 ACSR 6/1	2154	1990	1646	182	163	6	3	0.00	1.66	0
10650138	10650141	2.77	24 3-	1/0 ACSR 6/1	2185	2021	1673	182	132	5	2	0.00	1.67	0
10650139	10650138	2.82	2 1-	2 ACSR 6/1	0	0	1682	182	11	1	1	0.00	1.54	0
10650137	10650138	2.81	22 3-	1/0 ACSR 6/1	2234	2070	1714	182	121	5	2	0.00	1.67	0
10650136	10650137	2.87	3 1-	2 ACSR 6/1	0	0	1692	182	9	1	1	0.00	2.06	0
10650135	10650137	2.85	3 1-	2 ACSR 6/1	0	0	1709	182	12	1	1	0.00	1.42	0
10650200	10650135	3.01	1 1-	2 ACSR 6/1	0	0	1599	181	6	0	0	0.00	1.42	0
10650134	10650137	2.85	11 3-	1/0 ACSR 6/1	2260	2096	1737	183	70	2	1	0.00	1.67	0
10650133	10650134	2.88	10 3-	1/0 ACSR 6/1	2289	2125	1762	183	60	2	1	0.00	1.68	0
10650164	10650133	2.93	7 3-	1/0 ACSR 6/1	2310	2147	1780	183	49	2	1	0.00	1.68	0
10650166	10650164	2.98	1 3-	1/0 ACSR 6/1	2353	2190	1818	183	5	0	0	0.00	1.68	0
10650163	10650166	3.16	1 1-	2 ACSR 6/1	0	0	1712	182	5	0	0	0.00	1.43	0
10650091	10650166	2.99	0 3-	1/0 ACSR 6/1	2389	2226	1849	184	0	0	0	0.00	1.68	0
D10-65-P258	10650091	2.99	0 3-	REC-50-L	2397	2235	1857	184	0	0	0	0.00	1.68	0
10650094	D10-65-P258	3.06	0 3-	1/0 ACSR 6/1	2397	2235	1857	184	0	0	0	0.00	1.68	0
10650165	10650164	2.97	2 1-	2 ACSR 6/1	0	0	1788	183	16	2	1	0.00	2.07	0
10650167	10650164	2.98	2 1-	2 ACSR 6/1	0	0	1780	183	8	1	1	0.00	1.54	0
10650140	10650141	2.72	2 1-	2 ACSR 6/1	0	0	1655	182	20	2	1	0.00	1.40	0
10550196	10550198	2.63	1 1-	2 ACSR 6/1	0	0	1519	180	6	0	0	0.00	2.04	0
10550123	10550188	2.26	8 1-	2 ACSR 6/1	0	0	1401	179	30	3	2	0.01	1.54	0
10550124	10550123	2.34	2 1-	2 ACSR 6/1	0	0	1365	178	5	0	0	0.00	1.54	0
10550125	10550124	2.41	1 1-	2 ACSR 6/1	0	0	1335	178	5	0	0	0.00	1.54	0
10550143	10550123	2.35	4 1-	2 ACSR 6/1	0	0	1362	178	20	2	1	0.01	1.55	0
10550144	10550143	2.41	2 1-	2 ACSR 6/1	0	0	1332	178	15	1	1	0.00	1.55	0
10550153	10550192	1.90	21 1-	2 ACSR 6/1	0	0	1266	177	198	25	14	0.04	1.81	6
10550142	10550153	1.95	20 1-	2 ACSR 6/1	0	0	1243	177	189	24	13	0.04	1.85	6
10550151	10550142	2.02	14 1-	2 ACSR 6/1	0	0	1219	176	128	16	9	0.03	1.88	3
10550173	10550151	2.06	12 1-	2 ACSR 6/1	0	0	1202	176	118	15	8	0.02	1.90	2
10550132	10550173	2.14	7 1-	2 ACSR 6/1	0	0	1176	175	69	8	5	0.02	1.92	0
10550133	10550132	2.18	5 1-	2 ACSR 6/1	0	0	1161	175	55	7	4	0.01	1.92	0
10550134	10550133	2.21	1 1-	2 ACSR 6/1	0	0	1151	175	10	1	1	0.00	1.92	0
10550135	10550133	2.21	3 1-	2 ACSR 6/1	0	0	1152	175	32	4	2	0.00	1.93	0
10550136	10550135	2.25	1 1-	2 ACSR 6/1	0	0	1138	175	9	1	1	0.00	1.93	0
10550131	10550173	2.12	3 1-	2 ACSR 6/1	0	0	1181	176	31	4	2	0.01	1.90	0
10550219	10550131	2.15	2 1-	2 ACSR 6/1	0	0	1172	175	17	2	1	0.00	1.90	0
10550130	10550173	2.08	2 1-	2 ACSR 6/1	0	0	1195	176	18	2	1	0.00	1.90	0
10550145	10550142	1.99	6 1-	2 ACSR 6/1	0	0	1227	176	61	7	4	0.01	1.86	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 22	ROCKHOLD(22)					5666	5746	5966	190	8561					
SUB	22, CKT 1	1775													
	BK2201	ROCKHOLD(22)	0.00	579 3-	BK2201	5666	5746	5966	190	2981	125 67	0.00	0.00	0	
	15340194	BK2201	0.07	579 3-	4/0 ACSR 6/1	5454	5506	5603	190	2981	125 37	0.03	0.07	174	
	15340195	15340194	0.12	578 3-	4/0 ACSR 6/1	5301	5330	5349	190	2975	125 37	0.02	0.13	134	
	15340090	15340195	0.14	1 1-	2 ACSR 6/1	0	0	5221	190	2	0 0	0.00	0.05	0	
	15340080	15340195	0.15	577 3-	4/0 ACSR 6/1	5226	5244	5229	190	2972	125 37	0.01	0.16	67	
	15340091	15340080	0.24	1 1-	2 ACSR 6/1	0	0	4778	189	4	0 0	0.00	0.13	0	
	15340092	15340080	0.19	576 3-	4/0 ACSR 6/1	5101	5101	5032	190	2966	125 37	0.02	0.21	116	
	15340093	15340092	0.31	574 3-	4/0 ACSR 6/1	4796	4753	4572	189	2957	124 37	0.05	0.34	305	
	15340167	15340093	0.51	573 3-	4/0 ACSR 6/1	4363	4267	3971	189	2954	124 37	0.08	0.56	497	
	15340172	15340167	0.54	554 3-	4/0 ACSR 6/1	4299	4197	3887	188	2899	122 36	0.01	0.59	78	
	15340175	15340172	0.58	553 3-	4/0 ACSR 6/1	4219	4108	3782	188	2887	122 36	0.02	0.64	101	
	15340177	15340175	0.64	551 3-	4/0 ACSR 6/1	4123	4003	3660	188	2882	122 36	0.02	0.69	125	
	15340176	15340177	0.71	549 3-	4/0 ACSR 6/1	3996	3866	3503	188	2878	121 36	0.03	0.77	172	
	15340108	15340176	0.72	548 3-	4/0 ACSR 6/1	3969	3836	3469	188	2855	121 36	0.01	0.78	38	
	D15-34-P022	15340108	0.72	34 1-	REC-50-L	0	0	3469	188	149	18 38	0.00	0.63	0	
	15340127	D15-34-P022	0.79	34 1-	2 ACSR 6/1	0	0	3299	187	149	18 11	0.04	0.67	4	
	15340137	15340127	0.84	16 1-	2 ACSR 6/1	0	0	3182	187	91	11 6	0.02	0.68	1	
	15340117	15340137	0.87	16 1-	2 ACSR 6/1	0	0	3110	187	91	11 6	0.01	0.69	0	
	15340116	15340117	0.89	3 1-	2 ACSR 6/1	0	0	3068	186	26	3 2	0.00	0.70	0	
	15340109	15340116	0.99	2 1-	2 ACSR 6/1	0	0	2873	186	19	2 1	0.00	0.70	0	
	15340115	15340117	0.93	12 1-	2 ACSR 6/1	0	0	2992	186	60	7 4	0.01	0.70	0	
	15340136	15340115	0.96	8 1-	2 ACSR 6/1	0	0	2923	186	46	5 3	0.00	0.71	0	
	15340135	15340136	1.00	6 1-	2 ACSR 6/1	0	0	2842	186	34	4 2	0.00	0.71	0	
	15340123	15340135	1.08	4 1-	2 ACSR 6/1	0	0	2695	185	26	3 2	0.01	0.72	0	
	15340124	15340123	1.17	2 1-	2 ACSR 6/1	0	0	2553	184	12	1 1	0.00	0.72	0	
	15340138	15340124	1.23	2 1-	2 ACSR 6/1	0	0	2463	184	12	1 1	0.00	0.73	0	
	15340139	15340138	1.27	1 1-	2 ACSR 6/1	0	0	2393	184	8	1 1	0.00	0.73	0	
	15340099	15340138	1.27	1 1-	2 ACSR 6/1	0	0	2398	184	3	0 0	0.00	0.73	0	
	15340128	15340127	0.85	14 1-	2 ACSR 6/1	0	0	3167	187	52	6 4	0.01	0.68	0	
	15340129	15340128	0.91	13 1-	2 ACSR 6/1	0	0	3034	186	51	6 4	0.01	0.69	0	
	15340130	15340129	1.01	10 1-	2 ACSR 6/1	0	0	2834	186	38	4 3	0.01	0.70	0	
	15340131	15340130	1.11	9 1-	2 ACSR 6/1	0	0	2654	185	36	4 3	0.01	0.71	0	
	15340132	15340131	1.16	7 1-	2 ACSR 6/1	0	0	2573	184	16	2 1	0.00	0.71	0	
	15340133	15340132	1.30	5 1-	2 ACSR 6/1	0	0	2359	183	8	0 1	0.00	0.72	0	
	15340134	15340133	1.38	2 1-	2 ACSR 6/1	0	0	2249	183	2	0 0	0.00	0.72	0	
	15340078	15340133	1.35	3 1-	2 ACSR 6/1	0	0	2283	183	6	0 0	0.00	0.72	0	
	15340079	15340078	1.75	2 1-	2 ACSR 6/1	0	0	1851	180	2	0 0	0.00	0.72	0	
	D15-24-P032	15340079	1.75	2 1-	FUS	0	0	1851	180	2	0 6	0.00	0.72	0	
	15240021	D15-24-P032	2.63	2 1-	2 ACSR 6/1	0	0	1298	174	2	0 0	0.00	0.72	0	
	15340122	15340078	1.50	1 1-	2 ACSR 6/1	0	0	2104	182	3	0 0	0.00	0.72	0	
	15340126	15340108	0.78	512 3-	4/0 ACSR 6/1	3880	3741	3362	188	2699	114 34	0.03	0.84	114	
	15340101	15340126	0.83	511 3-	4/0 ACSR 6/1	3794	3649	3260	187	2696	114 34	0.03	0.89	115	
	15340106	15340101	0.94	510 3-	4/0 ACSR 6/1	3633	3477	3072	187	2693	114 34	0.06	1.00	230	
	15340107	15340106	1.00	25 1-	2 ACSR 6/1	0	0	2957	187	116	14 8	0.02	1.84	2	
	D15-34-P014	15340107	1.00	25 1-	REC-35-L	0	0	2957	187	116	14 42	0.00	1.84	0	
	15340089	D15-34-P014	1.04	25 1-	2 ACSR 6/1	0	0	2867	186	116	14 8	0.02	1.86	2	
	15340087	15340089	1.30	4 1-	2 ACSR 6/1	0	0	2448	184	13	1 1	0.01	1.87	0	
	15340114	15340087	1.42	2 1-	2 ACSR 6/1	0	0	2281	183	9	1 1	0.00	1.87	0	
	15340113	15340087	1.35	2 1-	2 ACSR 6/1	0	0	2374	184	3	0 0	0.00	1.87	0	
	15340196	15340113	1.40	2 1-	2 ACSR 6/1	0	0	2312	184	3	0 0	0.00	1.87	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15340197	15340196	1.44	1 1-	2 ACSR 6/1	0	0	2249	183	3	0	0	0.00	1.87	0
15340105	15340089	1.12	21 1-	2 ACSR 6/1	0	0	2730	186	103	13	7	0.03	1.88	2
15340104	15340105	1.31	20 1-	2 ACSR 6/1	0	0	2435	184	100	12	7	0.07	1.95	5
15340110	15340104	1.35	2 1-	2 ACSR 6/1	0	0	2380	184	13	1	1	0.00	1.95	0
15340111	15340104	1.44	18 1-	2 ACSR 6/1	0	0	2252	183	87	11	6	0.04	2.00	3
15340140	15340111	1.50	11 1-	2 ACSR 6/1	0	0	2177	183	49	6	3	0.01	2.01	0
15340141	15340140	1.52	10 1-	2 ACSR 6/1	0	0	2153	183	41	5	3	0.00	2.01	0
15340146	15340141	1.56	10 1-	2 ACSR 6/1	0	0	2118	182	41	5	3	0.00	2.01	0
15340147	15340146	1.61	7 1-	2 ACSR 6/1	0	0	2062	182	38	4	3	0.01	2.02	0
15340143	15340147	1.62	5 1-	2 ACSR 6/1	0	0	2042	182	30	3	2	0.00	2.02	0
15340144	15340143	1.66	3 1-	2 ACSR 6/1	0	0	2011	182	16	2	1	0.00	2.02	0
15340145	15340144	1.69	2 1-	2 ACSR 6/1	0	0	1978	181	15	1	1	0.00	2.03	0
15340155	15340145	1.74	1 1-	2 ACSR 6/1	0	0	1931	181	6	0	0	0.00	2.03	0
15340142	15340147	1.68	1 1-	2 ACSR 6/1	0	0	1983	181	5	0	0	0.00	2.02	0
15340156	15340142	1.70	1 1-	2 ACSR 6/1	0	0	1962	181	5	0	0	0.00	2.02	0
15340178	15340111	1.56	6 1-	2 ACSR 6/1	0	0	2115	182	36	4	3	0.01	2.01	0
15340173	15340178	1.60	3 1-	2 ACSR 6/1	0	0	2072	182	19	2	1	0.00	2.01	0
15340112	15340111	1.46	1 1-	2 ACSR 6/1	0	0	2228	183	1	0	0	0.00	2.00	0
15340189	15340106	1.04	481 3-	4/0 ACSR 6/1	3504	3342	2927	187	2567	109	32	0.05	1.09	174
15340102	15340189	1.12	476 3-	4/0 ACSR 6/1	3398	3231	2811	187	2552	108	32	0.04	1.16	150
15340077	15340102	1.18	476 3-	4/0 ACSR 6/1	3326	3157	2733	186	2551	108	32	0.03	1.22	108
15340198	15340077	1.21	1 1-	2 ACSR 6/1	0	0	2675	186	3	0	0	0.00	0.54	0
15340199	15340198	1.26	1 1-	2 ACSR 6/1	0	0	2599	186	3	0	0	0.00	0.54	0
20850985	15340077	1.40	475 3-	4/0 ACSR 6/1	3073	2897	2468	186	2546	108	32	0.11	1.43	417
20850941	20850985	1.51	473 3-	4/0 ACSR 6/1	2962	2784	2355	185	2538	108	32	0.05	1.53	204
20850942	20850941	1.57	472 3-	4/0 ACSR 6/1	2911	2732	2304	185	2526	107	32	0.03	1.58	99
D15-24-P028	20850942	1.57	4 1-	FUS-30	0	0	2304	185	34	4	16	0.00	1.22	0
15240027	D15-24-P028	1.62	4 1-	2 ACSR 6/1	0	0	2239	185	34	4	2	0.01	1.22	0
20851079	15240027	1.71	3 1-	2 ACSR 6/1	0	0	2141	184	26	3	2	0.01	1.23	0
20851485	20851079	1.76	2 1-	2 ACSR 6/1	0	0	2091	184	16	2	1	0.00	1.23	0
20851345	20851485	1.77	1 1-	2 ACSR 6/1	0	0	2073	183	12	1	1	0.00	1.23	0
20851499	20850942	1.62	468 3-	4/0 ACSR 6/1	2868	2688	2261	185	2491	106	31	0.02	1.62	83
20851500	20851499	1.64	467 3-	4/0 ACSR 6/1	2845	2666	2239	185	2485	106	31	0.01	1.65	43
20851346	20851500	1.66	466 3-	4/0 ACSR 6/1	2825	2645	2219	185	2478	105	31	0.01	1.67	40
20851481	20851346	1.72	465 3-	4/0 ACSR 6/1	2778	2599	2173	185	2470	105	31	0.03	1.72	93
20851497	20851481	1.77	12 3-	4/0 ACSR 6/1	2734	2555	2131	184	53	2	1	0.00	1.72	0
20851506	20851497	1.83	6 1-	2 ACSR 6/1	0	0	2074	184	25	3	2	0.01	3.04	0
20851484	20851506	1.86	3 1-	2 ACSR 6/1	0	0	2039	184	9	1	1	0.00	3.04	0
20851038	20851484	1.89	2 1-	2 ACSR 6/1	0	0	2013	183	7	0	0	0.00	3.04	0
20851039	20851038	1.92	1 1-	2 ACSR 6/1	0	0	1986	183	5	0	0	0.00	3.04	0
20851482	20851506	1.86	3 1-	2 ACSR 6/1	0	0	2039	184	16	2	1	0.00	3.04	0
20851483	20851482	1.95	2 1-	2 ACSR 6/1	0	0	1957	183	10	1	1	0.00	3.04	0
20851498	20851497	1.84	4 3-	4/0 ACSR 6/1	2678	2499	2077	184	17	0	0	0.00	1.72	0
20851510	20851481	1.78	452 3-	4/0 ACSR 6/1	2725	2545	2122	184	2409	102	30	0.03	1.77	103
20851511	20851510	1.82	449 3-	4/0 ACSR 6/1	2698	2519	2096	184	2391	102	30	0.02	1.80	53
20851480	20851511	1.85	447 3-	4/0 ACSR 6/1	2674	2495	2073	184	2377	101	30	0.01	1.83	48
20851686	20851480	1.94	441 3-	4/0 ACSR 6/1	2601	2423	2005	184	2342	100	29	0.04	1.91	144
20851685	20851686	2.01	440 3-	4/0 ACSR 6/1	2554	2375	1960	184	2337	99	29	0.03	1.96	98
15240016	20851685	2.07	439 3-	4/0 ACSR 6/1	2506	2328	1916	183	2335	99	29	0.03	2.02	102
15240015	15240016	2.23	429 3-	4/0 ACSR 6/1	2404	2228	1823	183	2273	97	29	0.05	2.14	225
CAP147	15240015	2.23	429 3-	Capacitor	0	0	0	0	2271	97	0	0.00	2.14	0
20851096	CAP147	2.25	1 1-	2 ACSR 6/1	0	0	1804	183	5	0	0	0.00	1.01	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15240022	CAP147	2.34	428 3-	4/0 ACSR 6/1	2333	2159	1759	182	2267	98 29	0.05	2.25	171	
15140056	15240022	2.44	427 3-	4/0 ACSR 6/1	2273	2100	1705	182	2259	97 29	0.04	2.34	153	
15140060	15140056	2.48	3 1-	2 ACSR 6/1	0	0	1677	182	8	0	1.00	1.90	0	
15140059	15140056	2.47	422 3-	4/0 ACSR 6/1	2257	2084	1690	182	2246	97 29	0.01	2.37	42	
15140057	15140059	2.52	1 1-	2 ACSR 6/1	0	0	1658	182	2	0	0.00	1.11	0	
15140018	15140059	2.53	421 3-	4/0 ACSR 6/1	2224	2053	1662	182	2243	97 29	0.02	2.42	86	
15140062	15140018	2.57	417 3-	4/0 ACSR 6/1	2204	2032	1643	182	2230	96 28	0.02	2.45	56	
15140054	15140062	2.63	1 1-	2 ACSR 6/1	0	0	1606	181	10	1	1.00	1.15	0	
15140053	15140062	2.66	415 3-	4/0 ACSR 6/1	2157	1988	1603	181	2213	95 28	0.03	2.53	126	
15140058	15140053	2.67	13 3-	4/0 ACSR 6/1	2149	1979	1596	181	253	11 3	0.00	2.53	0	
15140050	15140058	2.74	11 3-	4/0 ACSR 6/1	2115	1946	1566	181	251	11 3	0.01	2.54	1	
15140051	15140050	2.79	2 1-	2 ACSR 6/1	0	0	1538	181	17	2	1.00	2.09	0	
15140076	15140051	2.82	1 1-	2 ACSR 6/1	0	0	1522	181	12	1	1.00	2.09	0	
15140019	15140050	2.78	9 3-	4/0 ACSR 6/1	2094	1927	1548	181	235	10 3	0.01	2.54	0	
15140067	15140019	2.81	2 3-	15 KV 2 URD XLP	2082	1914	1539	435	201	9 6	0.01	2.55	1	
15140520	15140067	2.81	2 3-	Consumer	2082	1914	1539	435	201	9 0	0.00	2.55	0	
15140020	15140019	2.82	7 1-	2 ACSR 6/1	0	0	1526	181	34	4 2	0.00	1.21	0	
D15-14-P073	15140020	2.82	7 1-	RBC-70-L	0	0	1526	181	34	4 0	0.00	1.21	0	
15140032	D15-14-P073	2.85	7 1-	2 ACSR 6/1	0	0	1509	180	34	4 2	0.00	1.21	0	
15140033	15140032	2.91	6 1-	2 ACSR 6/1	0	0	1477	180	31	3 2	0.01	1.22	0	
15140039	15140033	3.02	1 1-	2 ACSR 6/1	0	0	1423	179	9	1 1	0.00	1.22	0	
15140034	15140033	3.17	5 1-	2 ACSR 6/1	0	0	1350	178	22	2 2	0.02	1.24	0	
15140035	15140034	3.27	3 1-	2 ACSR 6/1	0	0	1307	177	14	1 1	0.00	1.24	0	
15140037	15140035	3.32	2 1-	2 ACSR 6/1	0	0	1287	177	6	0 0	0.00	1.24	0	
15140038	15140037	3.38	1 1-	2 ACSR 6/1	0	0	1262	177	5	0 0	0.00	1.24	0	
15140052	15140053	2.72	2 1-	2 ACSR 6/1	0	0	1563	181	4	0 0	0.00	1.19	0	
15140040	15140053	2.73	400 3-	4/0 ACSR 6/1	2119	1951	1570	181	1954	84 25	0.02	2.58	88	
15140063	15140040	2.80	123 3-	4/0 ACSR 6/1	2087	1919	1542	181	595	25 8	0.00	2.60	13	
15140064	15140063	2.85	121 3-	4/0 ACSR 6/1	2062	1895	1520	181	588	25 8	0.00	2.61	10	
15140061	15140064	2.93	119 3-	4/0 ACSR 6/1	2023	1858	1487	181	583	25 7	0.00	2.63	16	
15140065	15140061	3.02	118 3-	4/0 ACSR 6/1	1986	1823	1456	180	581	25 7	0.00	2.65	16	
15140066	15140065	3.07	117 3-	4/0 ACSR 6/1	1961	1799	1435	180	567	24 7	0.00	2.66	10	
15140068	15140066	3.16	116 3-	4/0 ACSR 6/1	1925	1764	1405	180	563	24 7	0.00	2.68	15	
15140069	15140068	3.54	112 3-	4/0 ACSR 6/1	1779	1625	1283	178	548	23 7	0.00	2.76	63	
15030046	15140069	3.69	110 3-	4/0 ACSR 6/1	1728	1577	1242	178	541	23 7	0.00	2.79	23	
15130019	15030046	3.73	1 1-	2 ACSR 6/1	0	0	1226	178	1	0 0	0.00	2.05	0	
15130018	15030046	3.73	1 1-	2 ACSR 6/1	0	0	1225	178	11	1 1	0.00	2.05	0	
15130017	15030046	3.92	108 3-	4/0 ACSR 6/1	1654	1507	1182	177	529	23 7	0.00	2.83	37	
15030030	15130017	4.16	108 3-	4/0 ACSR 6/1	1583	1440	1125	176	529	23 7	0.00	2.88	38	
D15-03-P012	15030030	4.16	6 1-	FUS-70	0	0	1125	176	34	4 7	0.00	5.42	0	
15030039	D15-03-P012	4.34	6 1-	2 ACSR 6/1	0	0	1073	175	34	4 2	0.02	5.44	0	
15030041	15030039	4.38	3 1-	2 ACSR 6/1	0	0	1062	175	16	2 1	0.00	5.44	0	
15030043	15030041	4.57	2 1-	2 ACSR 6/1	0	0	1012	173	13	1 1	0.01	5.45	0	
15030044	15030043	4.59	0 1-	2 ACSR 6/1	0	0	1007	173	0	0 0	0.00	5.45	0	
15030045	15030044	4.81	0 1-	2 ACSR 6/1	0	0	953	172	0	0 0	0.00	5.45	0	
15030052	15030043	4.63	1 1-	2 ACSR 6/1	0	0	998	173	9	1 1	0.00	5.45	0	
15030040	15030039	4.37	2 1-	2 ACSR 6/1	0	0	1065	175	11	1 1	0.00	5.44	0	
15030038	15030030	4.40	80 3-	4/0 ACSR 6/1	1520	1381	1075	176	407	17 5	0.02	2.92	27	
9930026	15030038	4.46	10 1-	2 ACSR 6/1	0	0	1058	175	62	7 4	0.01	1.98	0	
9930027	9930026	4.50	8 1-	2 ACSR 6/1	0	0	1049	175	50	6 4	0.01	1.99	0	
9930028	9930027	4.55	3 1-	2 ACSR 6/1	0	0	1034	174	14	1 1	0.00	1.99	0	
9930019	9930027	4.55	5 1-	2 ACSR 6/1	0	0	1033	174	35	4 3	0.01	2.00	0	

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9930038	9930019	4.59	4 1-	2 ACSR 6/1	0	0	1023	174	28	3	2	0.00	2.00	0
9930039	9930038	4.68	2 1-	2 ACSR 6/1	0	0	1001	174	9	1	1	0.00	2.00	0
9930030	9930019	4.61	1 1-	2 ACSR 6/1	0	0	1019	174	8	0	1	0.00	2.00	0
9930029	9930019	4.62	0 1-	2 ACSR 6/1	0	0	1015	174	0	0	0	0.00	2.00	0
9930020	15030038	4.49	70 3-	4/0 ACSR 6/1	1496	1358	1057	175	345	15	4	0.01	2.93	11
9930033	9930020	4.53	1 1-	2 ACSR 6/1	0	0	1045	175	4	0	0	0.00	1.24	0
9930034	9930020	4.55	69 3-	4/0 ACSR 6/1	1481	1344	1045	175	341	14	4	0.01	2.93	7
9930036	9930034	4.64	66 3-	4/0 ACSR 6/1	1460	1325	1029	175	334	14	4	0.01	2.95	9
9930037	9930036	4.71	63 3-	4/0 ACSR 6/1	1443	1308	1015	175	308	13	4	0.01	2.95	7
9930021	9930037	4.82	62 3-	4/0 ACSR 6/1	1417	1285	995	174	304	13	4	0.01	2.97	11
9830052	9930021	4.97	6 3-	4/0 ACSR 6/1	1384	1254	970	174	42	1	1	0.00	2.97	0
9830101	9830052	5.06	5 3-	4/0 ACSR 6/1	1365	1236	955	173	37	1	0	0.00	2.97	0
9830103	9830101	5.19	1 1-	2 ACSR 6/1	0	0	928	172	7	0	0	0.00	1.86	0
9830102	9830101	5.62	0 3-	4/0 ACSR 6/1	1257	1136	873	172	0	0	0	0.00	2.97	0
09-83-P010-B	9830102	5.62	0 3-	Open	1257	1136	873	172	0	0	0	0.00	2.97	0
9830087	9830101	5.10	3 1-	2 ACSR 6/1	0	0	947	173	21	2	2	0.00	5.78	0
9830113	9830087	5.16	2 1-	2 ACSR 6/1	0	0	934	173	19	2	1	0.00	5.78	0
9830114	9830113	5.25	1 1-	15 KV 2 URD XLP	0	0	922	378	10	1	1	0.00	5.79	0
9830086	9830052	5.01	1 1-	2 ACSR 6/1	0	0	961	173	5	0	0	0.00	1.28	0
9830050	9930021	4.92	56 1-	2 ACSR 6/1	0	0	974	174	262	34	19	0.09	5.86	20
D09-83-P023	9830050	4.92	56 1-	REC-70-L	0	0	974	174	262	34	50	0.00	5.86	0
9830082	D09-83-P023	5.00	56 1-	2 ACSR 6/1	0	0	954	173	262	34	19	0.08	5.95	18
9830083	9830082	5.08	53 1-	2 ACSR 6/1	0	0	936	172	239	31	18	0.07	6.02	14
9830085	9830083	5.15	42 1-	2 ACSR 6/1	0	0	921	172	176	23	13	0.05	6.06	7
9830051	9830085	5.24	0 1-	2 ACSR 6/1	0	0	903	171	0	0	0	0.00	6.06	0
9830073	9830085	5.23	42 1-	2 ACSR 6/1	0	0	906	171	176	23	13	0.05	6.11	7
9830088	9830073	5.26	41 1-	2 ACSR 6/1	0	0	898	171	171	22	13	0.02	6.14	3
9930025	9830088	5.29	39 1-	2 ACSR 6/1	0	0	892	171	165	21	12	0.02	6.16	2
9930023	9930025	5.34	32 1-	2 ACSR 6/1	0	0	883	170	148	19	11	0.03	6.18	3
9930024	9930023	5.39	31 1-	2 ACSR 6/1	0	0	874	170	136	18	10	0.02	6.20	3
9830065	9930024	5.42	30 1-	2 ACSR 6/1	0	0	868	170	133	17	10	0.02	6.22	2
9830111	9830065	5.45	1 1-	2 ACSR 6/1	0	0	863	170	4	0	0	0.00	6.22	0
9830066	9830065	5.52	28 1-	2 ACSR 6/1	0	0	850	169	126	16	9	0.05	6.27	5
9840101	9830066	5.64	1 1-	2 ACSR 6/1	0	0	827	168	12	1	1	0.00	6.27	0
9840098	9830066	5.54	27 1-	2 ACSR 6/1	0	0	845	169	114	15	8	0.01	6.28	0
9840099	9840098	5.70	26 1-	2 ACSR 6/1	0	0	817	168	112	14	8	0.07	6.35	6
9840059	9840099	5.77	21 1-	2 ACSR 6/1	0	0	806	167	96	12	7	0.02	6.37	2
9840060	9840059	5.87	17 1-	2 ACSR 6/1	0	0	790	167	73	9	5	0.03	6.40	2
9840104	9840060	5.95	16 1-	2 ACSR 6/1	0	0	776	166	71	9	5	0.02	6.42	1
09-84-P022-B	9840104	5.95	16 1-	Closed	0	0	776	166	71	9	0	0.00	6.42	0
09-84-P022-A	09-84-P022-B	5.95	16 1-	Closed	0	0	776	166	71	9	0	0.00	6.42	0
9840105	09-84-P022-A	5.96	16 1-	2 ACSR 6/1	0	0	775	166	71	9	5	0.00	6.42	0
9840064	9840105	6.11	1 1-	2 ACSR 6/1	0	0	753	165	5	0	0	0.00	6.42	0
9840063	9840105	6.01	13 1-	2 ACSR 6/1	0	0	768	166	54	7	4	0.01	6.43	0
9840097	9840063	6.05	6 1-	2 ACSR 6/1	0	0	762	166	20	2	1	0.00	6.43	0
9840096	9840097	6.10	5 1-	2 ACSR 6/1	0	0	755	165	20	2	1	0.00	6.44	0
9840093	9840096	6.14	2 1-	2 ACSR 6/1	0	0	748	165	7	0	1	0.00	6.44	0
9840094	9840093	6.18	1 1-	2 ACSR 6/1	0	0	742	165	6	0	0	0.00	6.44	0
9840090	9840094	6.19	0 1-	2 ACSR 6/1	0	0	741	165	0	0	0	0.00	6.44	0
09-84-P009-A	9840090	6.19	0 1-	Open	0	0	741	165	0	0	0	0.00	6.44	0
9840095	9840097	6.15	0 1-	2 ACSR 6/1	0	0	747	165	0	0	0	0.00	6.43	0
9840100	9840063	6.04	7 1-	2 ACSR 6/1	0	0	763	166	34	4	2	0.00	6.44	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9840091	9840100	6.08	3 1-	2 ACSR 6/1	0	0	757	165	14	1	1	0.00	6.44	0
9840092	9840091	6.13	2 1-	2 ACSR 6/1	0	0	750	165	6	0	0	0.00	6.44	0
9840089	9840092	6.19	1 1-	2 ACSR 6/1	0	0	741	165	1	0	0	0.00	6.44	0
9840065	9840100	6.07	4 1-	2 ACSR 6/1	0	0	758	165	20	2	1	0.00	6.44	0
9840066	9840065	6.10	3 1-	2 ACSR 6/1	0	0	754	165	9	1	1	0.00	6.44	0
9840067	9840066	6.14	3 1-	2 ACSR 6/1	0	0	748	165	9	1	1	0.00	6.44	0
9840068	9840067	6.20	2 1-	2 ACSR 6/1	0	0	740	165	3	0	0	0.00	6.44	0
9840069	9840068	6.23	2 1-	2 ACSR 6/1	0	0	736	164	3	0	0	0.00	6.44	0
9840088	9840069	6.26	1 1-	2 ACSR 6/1	0	0	732	164	1	0	0	0.00	6.44	0
9840061	9840060	5.90	1 1-	2 ACSR 6/1	0	0	785	167	1	0	0	0.00	6.40	0
9840062	9840061	5.97	0 1-	2 ACSR 6/1	0	0	774	166	0	0	0	0.00	6.40	0
9840058	9840099	5.74	1 1-	2 ACSR 6/1	0	0	811	168	3	0	0	0.00	6.35	0
9840057	9840099	5.75	1 1-	2 ACSR 6/1	0	0	808	168	1	0	0	0.00	6.35	0
9840056	9840099	5.78	2 1-	2 ACSR 6/1	0	0	805	167	9	1	1	0.00	6.35	0
9930022	9930025	5.37	1 1-	2 ACSR 6/1	0	0	877	170	2	0	0	0.00	6.16	0
9830084	9830083	5.12	9 1-	2 ACSR 6/1	0	0	928	172	53	6	4	0.01	6.02	0
9830078	9830084	5.21	1 1-	2 ACSR 6/1	0	0	909	171	9	1	1	0.00	6.03	0
9830071	9830084	5.16	8 1-	2 ACSR 6/1	0	0	920	172	43	5	3	0.01	6.03	0
9830072	9830071	5.25	5 1-	2 ACSR 6/1	0	0	900	171	33	4	2	0.01	6.04	0
9830076	9830072	5.33	3 1-	2 ACSR 6/1	0	0	884	171	22	2	2	0.01	6.05	0
9830077	9830076	5.36	2 1-	2 ACSR 6/1	0	0	878	170	13	1	1	0.00	6.05	0
9830074	9830077	5.44	1 1-	2 ACSR 6/1	0	0	863	170	6	0	0	0.00	6.05	0
9830081	9830082	5.04	2 1-	2 ACSR 6/1	0	0	944	173	15	1	1	0.00	5.95	0
9830080	9830081	5.07	1 1-	2 ACSR 6/1	0	0	938	172	7	0	1	0.00	5.95	0
9830079	9830080	5.13	0 1-	2 ACSR 6/1	0	0	926	172	0	0	0	0.00	5.95	0
9930035	9930034	4.62	3 1-	2 ACSR 6/1	0	0	1027	175	7	0	0	0.00	1.93	0
15030037	15030030	4.20	21 1-	2 ACSR 6/1	0	0	1114	176	85	10	6	0.01	2.03	0
D15-03-P015	15030037	4.20	20 1-	REC-35-L	0	0	1114	176	84	10	31	0.00	2.03	0
15030042	D15-03-P015	4.25	20 1-	2 ACSR 6/1	0	0	1101	176	84	10	6	0.01	2.04	0
15030031	15030042	4.28	19 1-	2 ACSR 6/1	0	0	1090	176	82	10	6	0.01	2.05	0
15030032	15030031	4.34	16 1-	2 ACSR 6/1	0	0	1074	175	67	8	5	0.01	2.06	0
15030036	15030032	4.40	2 1-	2 ACSR 6/1	0	0	1056	175	5	0	0	0.00	2.06	0
15030022	15030036	4.45	1 1-	2 ACSR 6/1	0	0	1043	174	2	0	0	0.00	2.06	0
15030034	15030032	4.39	5 1-	2 ACSR 6/1	0	0	1058	175	27	3	2	0.01	2.07	0
15030035	15030034	4.41	4 1-	2 ACSR 6/1	0	0	1054	175	26	3	2	0.00	2.07	0
9930040	15030035	4.45	3 1-	2 ACSR 6/1	0	0	1042	174	15	1	1	0.00	2.07	0
9930032	9930040	4.51	1 1-	2 ACSR 6/1	0	0	1028	174	7	0	1	0.00	2.07	0
9930031	9930040	4.51	1 1-	2 ACSR 6/1	0	0	1028	174	3	0	0	0.00	2.07	0
15030033	15030032	4.40	6 1-	2 ACSR 6/1	0	0	1058	175	28	3	2	0.01	2.07	0
15030024	15030033	4.41	3 1-	2 ACSR 6/1	0	0	1053	175	9	1	1	0.00	2.07	0
15030023	15030033	4.43	3 1-	2 ACSR 6/1	0	0	1047	174	20	2	1	0.00	2.07	0
15030050	15030023	4.46	2 1-	2 ACSR 6/1	0	0	1041	174	13	1	1	0.00	2.07	0
15030051	15030050	4.50	1 1-	2 ACSR 6/1	0	0	1030	174	5	0	0	0.00	2.07	0
15030025	15030023	4.52	1 1-	2 ACSR 6/1	0	0	1024	174	7	0	0	0.00	2.07	0
15030026	15030031	4.35	3 1-	2 ACSR 6/1	0	0	1072	175	15	1	1	0.00	2.05	0
15030027	15030037	4.25	1 1-	2 ACSR 6/1	0	0	1098	176	1	0	0	0.00	2.03	0
15030028	15140069	3.65	2 1-	2 ACSR 6/1	0	0	1243	178	6	0	0	0.00	5.00	0
15030029	15030028	3.72	1 1-	2 ACSR 6/1	0	0	1214	177	5	0	0	0.00	5.00	0
15140041	15140040	2.79	1 1-	2 ACSR 6/1	0	0	1533	181	1	0	0	0.00	4.42	0
15140036	15140040	2.79	275 3-	1/0 ACSR 6/1	2085	1917	1542	181	1353	58	25	0.03	2.64	58
D15-14-P034	15140036	2.79	275 3-	REC-70-L	2085	1917	1542	181	1352	58	83	0.00	2.64	0
15140043	D15-14-P034	2.81	275 3-	1/0 ACSR 6/1	2071	1904	1532	181	1352	58	25	0.01	2.66	23

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15140045	15140043	2.97	272 3-	1/0 ACSR 6/1	1978	1812	1458	180	1336	57	25	0.08	2.80	162
15140047	15140045	3.09	271 3-	1/0 ACSR 6/1	1910	1745	1405	179	1326	57	25	0.07	2.92	128
15140048	15140047	3.20	270 3-	1/0 ACSR 6/1	1858	1695	1365	179	1318	56	25	0.05	3.01	100
15140024	15140048	3.26	268 3-	1/0 ACSR 6/1	1828	1666	1341	178	1303	56	25	0.03	3.07	60
15140025	15140024	3.30	268 3-	1/0 ACSR 6/1	1808	1647	1326	178	1302	56	25	0.02	3.10	41
15140026	15140025	3.35	2 1-	2 ACSR 6/1	0	0	1305	178	5	0	0	0.00	2.88	0
15140077	15140026	3.41	1 1-	2 ACSR 6/1	0	0	1280	177	1	0	0	0.00	2.88	0
15140078	15140077	3.58	0 1-	2 ACSR 6/1	0	0	1212	176	0	0	0	0.00	2.88	0
15140028	15140025	3.35	266 3-	1/0 ACSR 6/1	1782	1622	1306	178	1297	56	24	0.03	3.15	52
15140029	15140028	3.41	6 1-	2 ACSR 6/1	0	0	1283	178	36	4	3	0.01	2.95	0
15140030	15140029	3.46	4 1-	2 ACSR 6/1	0	0	1264	177	30	3	2	0.00	2.96	0
15140081	15140030	3.49	1 1-	2 ACSR 6/1	0	0	1252	177	8	1	1	0.00	2.96	0
15140031	15140030	3.52	1 1-	2 ACSR 6/1	0	0	1238	177	13	1	1	0.00	2.96	0
15140021	15140031	3.59	1 1-	2 ACSR 6/1	0	0	1213	176	13	1	1	0.00	2.96	0
15140017	15140031	3.83	0 1-	2 ACSR 6/1	0	0	1130	174	0	0	0	0.00	2.96	0
15140027	15140028	3.41	259 3-	1/0 ACSR 6/1	1756	1597	1286	178	1259	54	24	0.03	3.20	51
15140023	15140027	3.48	259 3-	1/0 ACSR 6/1	1726	1568	1263	177	1258	54	24	0.04	3.26	61
15040009	15140023	3.56	255 3-	1/0 ACSR 6/1	1690	1534	1236	177	1248	54	24	0.04	3.33	74
15040010	15040009	3.66	252 3-	1/0 ACSR 6/1	1651	1496	1206	176	1232	53	23	0.05	3.42	83
15040008	15040010	3.67	0 1-	2 ACSR 6/1	0	0	1201	176	0	0	0	0.00	3.32	0
15040006	15040010	3.69	2 1-	2 ACSR 6/1	0	0	1195	176	17	2	1	0.00	5.24	0
15040007	15040006	3.76	1 1-	2 ACSR 6/1	0	0	1171	176	8	1	1	0.00	5.25	0
15040005	15040010	4.26	250 3-	1/0 ACSR 6/1	1440	1296	1047	173	1215	52	23	0.30	3.92	507
9940012	15040005	4.33	250 3-	1/0 ACSR 6/1	1417	1275	1030	173	1210	52	23	0.04	3.98	63
9940011	9940012	4.37	248 3-	1/0 ACSR 6/1	1404	1263	1021	173	1192	51	23	0.02	4.01	36
9940016	9940011	4.48	247 3-	1/0 ACSR 6/1	1375	1235	999	172	1184	51	22	0.05	4.10	82
9940015	9940016	4.55	2 1-	2 ACSR 6/1	0	0	980	172	8	1	1	0.00	5.87	0
9940014	9940016	4.55	243 3-	1/0 ACSR 6/1	1355	1216	983	172	1168	50	22	0.04	4.16	59
9940010	9940014	4.60	239 3-	1/0 ACSR 6/1	1341	1203	974	172	1144	49	22	0.02	4.20	38
9940009	9940010	4.64	0 1-	2 ACSR 6/1	0	0	964	171	0	0	0	0.00	4.48	0
D09-94-P018	9940009	4.64	0 1-	FUS-40	0	0	964	171	0	0	0	0.00	4.48	0
9940017	D09-94-P018	5.09	0 1-	2 ACSR 6/1	0	0	868	168	0	0	0	0.00	4.48	0
9940008	9940010	4.83	239 3-	1/0 ACSR 6/1	1281	1147	929	171	1144	49	22	0.11	4.38	181
9950056	9940008	4.91	1 1-	2 ACSR 6/1	0	0	913	170	3	0	0	0.00	6.10	0
9950036	9940008	4.90	237 3-	1/0 ACSR 6/1	1263	1130	916	170	1136	49	22	0.04	4.44	58
9950044	9950036	4.95	4 1-	2 ACSR 6/1	0	0	907	170	20	2	1	0.00	2.31	0
9950045	9950044	4.98	3 1-	2 ACSR 6/1	0	0	901	170	15	1	1	0.00	2.31	0
9950046	9950045	5.07	3 1-	2 ACSR 6/1	0	0	882	169	15	1	1	0.00	2.31	0
9950047	9950046	5.14	2 1-	2 ACSR 6/1	0	0	869	169	11	1	1	0.00	2.32	0
9950035	9950036	5.01	233 3-	1/0 ACSR 6/1	1239	1108	898	170	1116	48	21	0.04	4.52	76
9950040	9950035	5.07	7 1-	2 ACSR 6/1	0	0	885	169	17	2	1	0.00	4.99	0
9950042	9950040	5.13	3 1-	2 ACSR 6/1	0	0	873	169	13	1	1	0.00	5.00	0
9950043	9950042	5.15	2 1-	2 ACSR 6/1	0	0	869	169	5	0	0	0.00	5.00	0
9950041	9950040	5.13	2 1-	2 ACSR 6/1	0	0	873	169	3	0	0	0.00	4.99	0
9950039	9950035	5.09	1 1-	2 ACSR 6/1	0	0	881	169	5	0	0	0.00	2.35	0
9950055	9950035	5.08	225 3-	1/0 ACSR 6/1	1223	1093	886	169	1094	47	21	0.03	4.57	52
9950054	9950055	5.15	223 3-	1/0 ACSR 6/1	1207	1079	875	169	1088	47	21	0.03	4.62	49
9950052	9950054	5.19	2 1-	2 ACSR 6/1	0	0	865	169	16	2	1	0.00	2.41	0
9950051	9950054	5.23	219 3-	1/0 ACSR 6/1	1189	1062	861	169	1066	46	20	0.03	4.68	57
9950053	9950051	5.28	3 1-	2 ACSR 6/1	0	0	851	168	19	2	1	0.00	2.44	0
9950034	9950051	5.36	216 3-	1/0 ACSR 6/1	1162	1037	841	168	1046	45	20	0.04	4.78	89
9950065	9950034	5.50	215 3-	1/0 ACSR 6/1	1134	1011	821	167	1044	45	20	0.05	4.88	95

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9950064	9950065	5.55	16 1-	2 ACSR 6/1	0	0	811	167	60	8	4	0.01	6.54	0
9950048	9950064	5.68	15 1-	2 ACSR 6/1	0	0	790	166	53	7	4	0.03	6.56	1
9950037	9950048	5.81	14 1-	2 ACSR 6/1	0	0	770	165	49	6	4	0.02	6.59	0
9850018	9950037	5.95	13 1-	2 ACSR 6/1	0	0	749	164	46	6	3	0.03	6.61	0
9850025	9850018	6.07	10 1-	2 ACSR 6/1	0	0	731	163	31	4	2	0.01	6.62	0
9850030	9850025	6.19	3 1-	2 ACSR 6/1	0	0	716	163	12	1	1	0.01	6.63	0
9950070	9850030	6.24	2 1-	2 ACSR 6/1	0	0	709	162	7	0	1	0.00	6.63	0
9950069	9850030	6.25	1 1-	2 ACSR 6/1	0	0	708	162	5	0	0	0.00	6.63	0
9850026	9850018	6.04	3 1-	2 ACSR 6/1	0	0	737	164	16	2	1	0.00	6.62	0
9850019	9850026	6.09	2 1-	2 ACSR 6/1	0	0	729	163	12	1	1	0.00	6.62	0
9850020	9850019	6.10	1 1-	2 ACSR 6/1	0	0	728	163	7	0	1	0.00	6.62	0
9850021	9950037	5.92	1 1-	2 ACSR 6/1	0	0	754	164	3	0	0	0.00	6.59	0
9850022	9850021	5.96	0 1-	2 ACSR 6/1	0	0	748	164	0	0	0	0.00	6.59	0
9850016	9850022	6.18	0 1-	2 ACSR 6/1	0	0	717	163	0	0	0	0.00	6.59	0
9850023	9850016	6.29	0 1-	2 ACSR 6/1	0	0	703	162	0	0	0	0.00	6.59	0
9850017	9850016	6.29	0 1-	2 ACSR 6/1	0	0	703	162	0	0	0	0.00	6.59	0
9850015	9850022	6.00	0 1-	2 ACSR 6/1	0	0	742	164	0	0	0	0.00	6.59	0
9950049	9950048	5.72	1 1-	2 ACSR 6/1	0	0	783	166	4	0	0	0.00	6.56	0
9950063	9950065	5.57	1 1-	2 ACSR 6/1	0	0	808	167	4	0	0	0.00	6.53	0
9950058	9950065	5.60	197 3-	1/0 ACSR 6/1	1115	994	807	167	978	42	19	0.03	4.95	61
9950062	9950058	5.69	195 3-	1/0 ACSR 6/1	1099	978	795	166	967	42	18	0.03	5.01	56
D09-95-P024	9950062	5.69	8 1-	REC-25-H	0	0	795	166	20	2	11	0.00	5.82	0
9950038	D09-95-P024	6.74	8 1-	2 ACSR 6/1	0	0	653	159	20	2	1	0.08	5.90	1
15150021	9950038	6.78	6 1-	2 ACSR 6/1	0	0	648	159	16	2	1	0.00	5.90	0
15150022	15150021	6.83	5 1-	2 ACSR 6/1	0	0	643	159	11	1	1	0.00	5.90	0
15150018	15150022	6.87	3 1-	2 ACSR 6/1	0	0	638	159	9	1	1	0.00	5.91	0
15150010	15150018	7.11	2 1-	2 ACSR 6/1	0	0	614	157	6	0	0	0.00	5.91	0
15150011	15150010	7.54	0 1-	2 ACSR 6/1	0	0	574	155	0	0	0	0.00	5.91	0
15150012	15150011	7.56	0 1-	2 ACSR 6/1	0	0	571	154	0	0	0	0.00	5.91	0
15150016	15150012	7.63	0 1-	2 ACSR 6/1	0	0	566	154	0	0	0	0.00	5.91	0
15150013	15150012	7.69	0 1-	2 ACSR 6/1	0	0	560	154	0	0	0	0.00	5.91	0
15150015	15150013	7.73	0 1-	2 ACSR 6/1	0	0	557	153	0	0	0	0.00	5.91	0
15150014	15150013	7.76	0 1-	2 ACSR 6/1	0	0	555	153	0	0	0	0.00	5.91	0
15150017	15150022	6.88	1 1-	2 ACSR 6/1	0	0	637	159	2	0	0	0.00	5.90	0
15150009	9950038	6.81	2 1-	2 ACSR 6/1	0	0	645	159	4	0	0	0.00	5.90	0
9950060	9950062	5.73	186 3-	1/0 ACSR 6/1	1091	972	790	166	938	41	18	0.01	5.03	23
9950059	9950060	5.78	184 3-	1/0 ACSR 6/1	1082	963	783	166	932	40	18	0.02	5.07	31
9950033	9950059	5.88	184 3-	1/0 ACSR 6/1	1063	946	769	165	932	40	18	0.03	5.14	63
9960082	9950033	5.98	3 1-	2 ACSR 6/1	0	0	755	165	8	1	1	0.00	2.65	0
9960083	9960082	6.02	1 1-	2 ACSR 6/1	0	0	748	165	4	0	0	0.00	2.65	0
9960048	9950033	6.01	181 3-	1/0 ACSR 6/1	1043	927	754	165	923	40	18	0.03	5.21	69
9960081	9960048	6.04	2 1-	2 ACSR 6/1	0	0	748	165	2	0	0	0.00	6.21	0
9960080	9960048	6.10	179 3-	1/0 ACSR 6/1	1028	913	743	164	920	40	18	0.02	5.27	52
9960079	9960080	6.18	177 3-	1/0 ACSR 6/1	1015	901	734	164	909	40	17	0.02	5.32	45
9960058	9960079	6.25	85 3-	1/0 ACSR 6/1	0	0	724	164	440	19	8	-0.01	5.34	17
D09-96-P056	9960058	6.25	8 1-	REC-50-H	0	0	724	164	54	7	15	0.00	6.48	0
9960067	D09-96-P056	6.30	8 1-	2 ACSR 6/1	0	0	717	163	54	7	4	0.01	6.49	0
9960068	9960067	6.36	6 1-	2 ACSR 6/1	0	0	709	163	45	6	3	0.01	6.50	0
9960069	9960068	6.42	3 1-	2 ACSR 6/1	0	0	702	163	11	1	1	0.00	6.50	0
9960070	9960069	6.43	2 1-	2 ACSR 6/1	0	0	700	162	11	1	1	0.00	6.50	0
9960047	9960068	6.40	3 1-	2 ACSR 6/1	0	0	703	163	34	4	3	0.01	6.51	0
9960059	9960047	6.45	0 1-	2 ACSR 6/1	0	0	697	162	0	0	0	0.00	6.51	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9960057	9960047	6.48	1 1-	2 ACSR 6/1	0	0	694	162	10	1	1	0.00	6.51	0
9960071	9960047	6.45	2 1-	2 ACSR 6/1	0	0	698	162	24	3	2	0.00	6.51	0
9960072	9960071	6.70	1 1-	2 ACSR 6/1	0	0	667	161	16	2	1	0.01	6.52	0
9960046	9960058	6.30	77 3-	1/0 ACSR 6/1	0	0	717	163	385	16	7	0.00	5.36	10
9960055	9960046	6.34	76 3-	1/0 ACSR 6/1	0	0	712	163	383	16	7	0.00	5.37	7
9960090	9960055	6.36	75 3-	1/0 ACSR 6/1	0	0	709	163	382	16	7	0.00	5.37	3
9960091	9960090	6.39	74 3-	1/0 ACSR 6/1	0	0	705	163	371	16	7	0.00	5.38	5
9960054	9960091	6.41	14 1-	2 ACSR 6/1	0	0	703	163	95	12	7	0.01	2.72	0
9960056	9960054	6.46	13 1-	2 ACSR 6/1	0	0	696	162	90	11	6	0.02	2.73	0
9960050	9960056	6.54	10 1-	2 ACSR 6/1	0	0	686	162	57	7	4	0.02	2.75	0
9960052	9960050	6.59	1 1-	2 ACSR 6/1	0	0	681	161	3	0	0	0.00	2.75	0
9960051	9960050	6.62	7 1-	2 ACSR 6/1	0	0	676	161	50	6	4	0.01	2.77	0
9960045	9960051	6.71	0 1-	2 ACSR 6/1	0	0	666	161	0	0	0	0.00	2.77	0
9960064	9960051	6.66	7 1-	2 ACSR 6/1	0	0	672	161	50	6	4	0.01	2.77	0
9960065	9960064	6.74	6 1-	2 ACSR 6/1	0	0	663	160	42	5	3	0.01	2.78	0
9960063	9960065	6.79	2 1-	2 ACSR 6/1	0	0	657	160	3	0	0	0.00	2.78	0
9960060	9960065	6.78	3 1-	2 ACSR 6/1	0	0	658	160	27	3	2	0.00	2.79	0
9960061	9960060	6.83	2 1-	2 ACSR 6/1	0	0	652	160	16	2	1	0.00	2.79	0
9960062	9960061	6.90	1 1-	2 ACSR 6/1	0	0	645	159	7	0	1	0.00	2.79	0
9960053	9960065	6.80	1 1-	2 ACSR 6/1	0	0	656	160	12	1	1	0.00	2.79	0
9960049	9960056	6.55	2 1-	2 ACSR 6/1	0	0	685	162	21	2	2	0.00	2.74	0
9960087	9960091	6.49	59 1-	2 ACSR 6/1	0	0	693	162	269	35	20	0.10	6.70	22
15060028	9960087	6.60	54 1-	2 ACSR 6/1	0	0	679	161	252	33	19	0.11	6.80	22
15060027	15060028	6.66	3 1-	2 ACSR 6/1	0	0	672	161	12	1	1	0.00	6.80	0
15060026	15060028	6.66	3 1-	2 ACSR 6/1	0	0	672	161	14	1	1	0.00	6.80	0
15060029	15060026	6.71	2 1-	2 ACSR 6/1	0	0	666	161	9	1	1	0.00	6.80	0
15060025	15060028	6.69	48 1-	2 ACSR 6/1	0	0	668	161	226	30	17	0.08	6.88	15
15060015	15060025	6.74	0 1-	2 ACSR 6/1	0	0	662	160	0	0	0	0.00	6.88	0
15060021	15060025	6.75	2 1-	2 ACSR 6/1	0	0	661	160	5	0	0	0.00	6.88	0
15060018	15060025	6.89	46 1-	2 ACSR 6/1	0	0	646	159	221	29	16	0.17	7.05	30
15060016	15060018	6.96	0 1-	2 ACSR 6/1	0	0	638	159	0	0	0	0.00	7.05	0
15060022	15060018	6.96	2 1-	2 ACSR 6/1	0	0	638	159	15	2	1	0.00	7.05	0
15060031	15060018	7.03	37 1-	2 ACSR 6/1	0	0	631	159	176	23	13	0.09	7.14	13
15160014	15060031	7.12	3 1-	2 ACSR 6/1	0	0	621	158	14	1	1	0.00	7.15	0
15160015	15160014	7.16	2 1-	2 ACSR 6/1	0	0	618	158	11	1	1	0.00	7.15	0
15160011	15060031	7.14	32 1-	2 ACSR 6/1	0	0	620	158	153	20	11	0.06	7.21	8
15160016	15160011	7.19	2 1-	2 ACSR 6/1	0	0	615	158	16	2	1	0.00	7.21	0
15160010	15160011	7.23	29 1-	2 ACSR 6/1	0	0	611	157	137	18	10	0.05	7.25	5
15160030	15160010	7.25	26 1-	2 ACSR 6/1	0	0	608	157	120	16	9	0.01	7.26	0
15160032	15160030	7.29	25 1-	2 ACSR 6/1	0	0	605	157	114	15	9	0.01	7.28	1
D15-16-P005	15160032	7.29	21 1-	REC-35-H	0	0	605	157	88	11	34	0.00	7.28	0
15160037	D15-16-P005	7.35	21 1-	2 ACSR 6/1	0	0	599	157	88	11	7	0.02	7.30	2
15160031	15160037	7.42	19 1-	2 ACSR 6/1	0	0	593	156	82	10	6	0.02	7.32	1
15160021	15160031	7.49	17 1-	2 ACSR 6/1	0	0	586	156	78	10	6	0.02	7.34	1
15160034	15160021	7.59	11 1-	2 ACSR 6/1	0	0	577	155	47	6	3	0.02	7.36	0
15160033	15160034	7.65	1 1-	2 ACSR 6/1	0	0	572	155	4	0	0	0.00	7.36	0
15160028	15160034	7.63	6 1-	2 ACSR 6/1	0	0	573	155	24	3	2	0.00	7.36	0
15160017	15160028	7.66	4 1-	2 ACSR 6/1	0	0	571	155	17	2	1	0.00	7.36	0
15160018	15160017	7.73	2 1-	2 ACSR 6/1	0	0	565	154	9	1	1	0.00	7.36	0
15160019	15160018	7.80	1 1-	2 ACSR 6/1	0	0	559	154	9	1	1	0.00	7.37	0
15160027	15160034	7.65	1 1-	2 ACSR 6/1	0	0	571	155	9	1	1	0.00	7.36	0
15160022	15160021	7.56	5 1-	2 ACSR 6/1	0	0	580	155	23	3	2	0.00	7.35	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15160020	15160022	7.62	3 1-	2 ACSR 6/1	0	0	575	155	14	1	1	0.00	7.35	0
15160036	15160020	7.68	1 1-	2 ACSR 6/1	0	0	570	155	5	0	0	0.00	7.35	0
15160009	15160031	7.47	2 1-	2 ACSR 6/1	0	0	588	156	4	0	0	0.00	7.32	0
15160013	15160009	7.60	1 1-	2 ACSR 6/1	0	0	576	155	1	0	0	0.00	7.32	0
15160012	15160009	7.58	1 1-	2 ACSR 6/1	0	0	578	155	3	0	0	0.00	7.32	0
15160024	15160032	7.38	3 1-	2 ACSR 6/1	0	0	596	156	18	2	1	0.01	7.28	0
15160023	15160024	7.68	2 1-	2 ACSR 6/1	0	0	570	155	15	1	1	0.02	7.30	0
15160026	15160023	7.74	1 1-	2 ACSR 6/1	0	0	564	154	13	1	1	0.00	7.30	0
15160029	15160023	7.83	0 1-	2 ACSR 6/1	0	0	557	154	0	0	0	0.00	7.30	0
15-16-P033-A	15160029	7.83	0 1-	Open	0	0	557	154	0	0	0	0.00	7.30	0
15060017	15060018	7.00	5 1-	2 ACSR 6/1	0	0	634	159	24	3	2	0.01	7.06	0
15060023	15060017	7.09	3 1-	2 ACSR 6/1	0	0	625	158	13	1	1	0.00	7.07	0
15060030	15060023	7.13	2 1-	2 ACSR 6/1	0	0	621	158	11	1	1	0.00	7.07	0
15060024	15060023	7.24	0 1-	2 ACSR 6/1	0	0	610	157	0	0	0	0.00	7.07	0
15060014	15060024	7.43	0 1-	2 ACSR 6/1	0	0	592	156	0	0	0	0.00	7.07	0
15060013	15060024	7.30	0 1-	2 ACSR 6/1	0	0	604	157	0	0	0	0.00	7.07	0
15060019	15060017	7.13	2 1-	2 ACSR 6/1	0	0	621	158	11	1	1	0.00	7.07	0
15060020	15060019	7.19	1 1-	2 ACSR 6/1	0	0	615	158	10	1	1	0.00	7.07	0
9960066	9960046	6.39	1 1-	2 ACSR 6/1	0	0	705	163	2	0	0	0.00	6.52	0
9960084	9960079	6.30	90 3-	1/0 ACSR 6/1	992	880	717	163	465	20	9	0.04	5.36	14
9960085	9960084	6.31	88 3-	1/0 ACSR 6/1	989	877	715	163	451	19	9	0.00	5.36	2
D09-96-P042	9960085	6.31	88 3-	REC-50-H	989	877	715	163	451	19	40	0.00	5.36	0
9960086	D09-96-P042	6.35	88 3-	1/0 ACSR 6/1	981	870	710	163	451	19	9	0.01	5.38	5
9960077	9960086	6.42	87 3-	1/0 ACSR 6/1	968	858	701	162	440	19	8	0.02	5.40	8
9960078	9960077	6.54	86 3-	1/0 ACSR 6/1	947	838	686	162	438	19	8	0.04	5.43	13
9860080	9960078	6.58	2 1-	2 ACSR 6/1	0	0	681	161	5	0	0	0.00	2.85	0
9860078	9860080	6.64	2 1-	2 ACSR 6/1	0	0	674	161	5	0	0	0.00	2.85	0
9860079	9960078	6.60	80 3-	1/0 ACSR 6/1	938	830	679	161	419	18	8	0.01	5.45	5
9860081	9860079	6.64	76 3-	1/0 ACSR 6/1	931	823	674	161	397	17	8	0.01	5.46	4
9860091	9860081	6.68	73 3-	1/0 ACSR 6/1	923	816	669	161	385	17	7	0.01	5.47	4
9860082	9860091	6.71	7 1-	2 ACSR 6/1	0	0	666	161	34	4	3	0.00	6.53	0
9860095	9860082	6.81	3 1-	2 ACSR 6/1	0	0	654	160	18	2	1	0.00	6.54	0
9860083	9860082	6.76	3 1-	2 ACSR 6/1	0	0	661	160	9	1	1	0.00	6.53	0
9860092	9860091	6.73	63 3-	1/0 ACSR 6/1	915	809	664	160	342	15	7	0.01	5.48	4
9860085	9860092	6.79	62 3-	1/0 ACSR 6/1	905	799	656	160	333	14	6	0.01	5.50	5
9860096	9860085	6.89	48 3-	1/0 ACSR 6/1	890	785	645	159	263	11	5	0.00	5.52	7
9860106	9860096	6.93	4 1-	2 ACSR 6/1	0	0	641	159	32	4	2	0.00	6.55	0
9860098	9860106	7.08	3 1-	2 ACSR 6/1	0	0	625	158	23	3	2	0.01	6.56	0
9860099	9860098	7.16	2 1-	2 ACSR 6/1	0	0	618	158	17	2	1	0.00	6.57	0
9850024	9860099	7.19	1 1-	2 ACSR 6/1	0	0	615	158	10	1	1	0.00	6.57	0
9860097	9860096	6.94	43 3-	1/0 ACSR 6/1	882	777	640	159	223	9	4	0.00	5.52	3
D09-86-P010	9860097	6.94	34 1-	SEC-50-GH	0	0	640	159	169	22	0	0.00	7.14	0
9860100	D09-86-P010	6.97	34 1-	2 ACSR 6/1	0	0	637	159	169	22	13	0.02	7.15	3
9860101	9860100	7.06	33 1-	2 ACSR 6/1	0	0	628	158	165	22	12	0.05	7.21	7
9860103	9860101	7.11	33 1-	2 ACSR 6/1	0	0	622	158	165	22	12	0.04	7.24	5
9860104	9860103	7.25	33 1-	2 ACSR 6/1	0	0	608	157	165	22	12	0.09	7.33	12
9860111	9860104	7.31	32 1-	2 ACSR 6/1	0	0	603	157	161	21	12	0.03	7.37	4
9860113	9860111	7.45	1 1-	2 ACSR 6/1	0	0	589	156	3	0	0	0.00	7.37	0
9860112	9860111	7.56	31 1-	2 ACSR 6/1	0	0	579	155	158	21	12	0.15	7.51	19
9860105	9860112	7.61	20 1-	2 ACSR 6/1	0	0	575	155	104	14	8	0.02	7.53	2
9860056	9860105	7.64	20 1-	2 ACSR 6/1	0	0	573	155	104	14	8	0.01	7.55	0
9860057	9860056	7.66	18 1-	2 ACSR 6/1	0	0	571	155	95	12	7	0.01	7.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9860065	9860057	7.74	17 1-	2 ACSR 6/1	0	0	564	154	87	11	7	0.02	7.58	2
9860067	9860065	7.94	11 1-	2 ACSR 6/1	0	0	548	153	59	7	4	0.04	7.62	2
9860069	9860067	8.00	5 1-	2 ACSR 6/1	0	0	543	153	36	4	3	0.01	7.63	0
9860070	9860068	8.06	4 1-	2 ACSR 6/1	0	0	539	152	33	4	2	0.01	7.64	0
9860071	9860070	8.08	4 1-	2 ACSR 6/1	0	0	537	152	33	4	2	0.00	7.64	0
9860072	9860071	8.12	2 1-	2 ACSR 6/1	0	0	534	152	15	2	1	0.00	7.64	0
9860053	9860067	8.05	5 1-	2 ACSR 6/1	0	0	539	152	22	3	2	0.01	7.63	0
9960044	9860053	8.06	5 1-	2 ACSR 6/1	0	0	538	152	22	3	2	0.00	7.63	0
9960075	9960044	8.10	2 1-	2 ACSR 6/1	0	0	535	152	8	1	1	0.00	7.63	0
9960076	9960075	8.16	1 1-	2 ACSR 6/1	0	0	531	152	3	0	0	0.00	7.63	0
9960074	9960044	8.14	2 1-	2 ACSR 6/1	0	0	532	152	11	1	1	0.00	7.64	0
9960073	9960044	8.10	1 1-	2 ACSR 6/1	0	0	535	152	4	0	0	0.00	7.63	0
9860066	9860065	7.80	2 1-	2 ACSR 6/1	0	0	559	154	10	1	1	0.00	7.58	0
9860107	9860112	7.62	7 1-	2 ACSR 6/1	0	0	574	155	38	5	3	0.01	7.52	0
9860064	9860107	7.66	5 1-	2 ACSR 6/1	0	0	571	155	24	3	2	0.00	7.53	0
9860054	9860064	7.70	4 1-	2 ACSR 6/1	0	0	568	154	18	2	1	0.00	7.53	0
9860055	9860054	7.75	3 1-	2 ACSR 6/1	0	0	563	154	12	1	1	0.00	7.53	0
9860063	9860107	7.67	1 1-	2 ACSR 6/1	0	0	570	155	9	1	1	0.00	7.52	0
9860102	9860101	7.12	0 1-	2 ACSR 6/1	0	0	622	158	0	0	0	0.00	7.21	0
9860050	9860097	7.56	9 1-	2 ACSR 6/1	0	0	580	155	54	7	4	0.13	6.67	6
9850028	9860050	8.14	1 1-	2 ACSR 6/1	0	0	532	152	2	0	0	0.00	6.67	0
9850027	9860050	7.69	8 1-	2 ACSR 6/1	0	0	568	154	52	6	4	0.03	6.70	0
9860075	9850027	7.73	3 1-	2 ACSR 6/1	0	0	565	154	24	3	2	0.00	6.70	0
9860076	9860075	7.76	2 1-	2 ACSR 6/1	0	0	562	154	14	1	1	0.00	6.70	0
9860118	9860076	7.80	1 1-	2 ACSR 6/1	0	0	560	154	4	0	0	0.00	6.70	0
9860074	9850027	7.79	4 1-	2 ACSR 6/1	0	0	560	154	25	3	2	0.01	6.71	0
9860073	9860074	7.86	3 1-	2 ACSR 6/1	0	0	554	153	21	2	2	0.00	6.71	0
9860077	9860073	7.92	1 1-	2 ACSR 6/1	0	0	549	153	5	0	0	0.00	6.71	0
9860090	9860085	6.87	4 1-	2 ACSR 6/1	0	0	648	160	15	1	1	0.00	2.90	0
9860093	9860090	6.93	3 1-	2 ACSR 6/1	0	0	641	159	8	1	1	0.00	2.90	0
9860094	9860093	7.06	1 1-	2 ACSR 6/1	0	0	627	158	3	0	0	0.00	2.90	0
9860086	9860085	6.84	7 1-	2 ACSR 6/1	0	0	651	160	43	5	3	0.01	2.90	0
9860087	9860086	6.87	5 1-	2 ACSR 6/1	0	0	648	160	27	3	2	0.00	2.90	0
9860088	9860087	6.90	4 1-	2 ACSR 6/1	0	0	644	159	17	2	1	0.00	2.90	0
9860117	9860088	6.93	3 1-	2 ACSR 6/1	0	0	642	159	9	1	1	0.00	2.90	0
9860089	9860117	7.02	2 1-	2 ACSR 6/1	0	0	632	159	7	0	1	0.00	2.90	0
9860084	9860092	6.79	1 1-	2 ACSR 6/1	0	0	656	160	8	1	1	0.00	6.54	0
9950066	9950059	5.86	0 1-	2 ACSR 6/1	0	0	770	165	0	0	0	0.00	2.62	0
9950057	9950060	5.79	2 1-	2 ACSR 6/1	0	0	780	166	6	0	0	0.00	2.60	0
9950061	9950058	5.67	1 1-	2 ACSR 6/1	0	0	795	166	5	0	0	0.00	2.56	0
9950050	9950034	5.42	1 1-	2 ACSR 6/1	0	0	831	168	1	0	0	0.00	2.49	0
9940013	9940011	4.48	1 1-	2 ACSR 6/1	0	0	994	172	8	1	1	0.00	4.20	0
15040012	15140023	3.56	1 1-	2 ACSR 6/1	0	0	1233	177	5	0	0	0.00	1.59	0
15140022	15140027	3.47	0 1-	2 ACSR 6/1	0	0	1262	177	0	0	0	0.00	3.02	0
15140046	15140048	3.24	1 1-	2 ACSR 6/1	0	0	1345	178	3	0	0	0.00	2.74	0
15140049	15140048	3.23	1 1-	2 ACSR 6/1	0	0	1347	178	11	1	1	0.00	1.45	0
15140079	15140047	3.14	1 1-	2 ACSR 6/1	0	0	1385	179	7	0	0	0.00	2.61	0
15140080	15140079	3.20	1 1-	15 KV 2 URD XLP	0	0	1365	419	7	0	0	0.00	2.61	0
15140042	15140043	2.84	2 1-	2 ACSR 6/1	0	0	1515	181	12	1	1	0.00	1.25	0
15140044	15140042	2.89	2 1-	2 ACSR 6/1	0	0	1486	180	12	1	1	0.00	1.25	0
15140075	15140044	2.94	1 1-	2 ACSR 6/1	0	0	1461	180	5	0	0	0.00	1.25	0
15140055	15140018	2.57	4 1-	2 ACSR 6/1	0	0	1633	182	13	1	1	0.00	4.15	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
15240031	15240016	2.09	10 1-	2 ACSR 6/1	0	0	1903	183	61	7	4	0.00	0.96	0
15240032	15240031	2.11	9 1-	2 ACSR 6/1	0	0	1886	183	61	7	4	0.00	0.97	0
15240036	15240032	2.20	4 1-	2 ACSR 6/1	0	0	1810	182	37	4	3	0.01	0.98	0
15240037	15240036	2.25	3 1-	2 ACSR 6/1	0	0	1776	182	37	4	3	0.01	0.99	0
15240028	15240037	2.42	2 1-	2 ACSR 6/1	0	0	1649	181	35	4	2	0.02	1.01	0
15240030	15240028	2.66	1 1-	2 ACSR 6/1	0	0	1503	179	21	2	1	0.01	1.02	0
15240029	15240028	2.63	1 1-	2 ACSR 6/1	0	0	1520	179	14	1	1	0.01	1.01	0
15240017	15240037	2.30	1 1-	2 ACSR 6/1	0	0	1739	182	2	0	0	0.00	0.99	0
15240014	15240032	2.22	5 1-	2 ACSR 6/1	0	0	1795	182	23	2	2	0.01	0.98	0
20850984	15240014	2.33	1 1-	2 ACSR 6/1	0	0	1714	181	5	0	0	0.00	0.98	0
15240020	15240014	2.27	1 1-	2 ACSR 6/1	0	0	1757	182	1	0	0	0.00	0.98	0
15240018	15240014	2.32	3 1-	2 ACSR 6/1	0	0	1723	181	17	2	1	0.00	0.98	0
15240019	15240018	2.43	2 1-	2 ACSR 6/1	0	0	1643	181	5	0	0	0.00	0.98	0
15130020	15240019	2.65	1 1-	2 ACSR 6/1	0	0	1510	179	0	0	0	0.00	0.98	0
20851479	20851480	1.87	5 1-	2 ACSR 6/1	0	0	2052	184	26	3	2	0.00	3.21	0
20851687	20851479	1.91	4 1-	2 ACSR 6/1	0	0	2010	184	25	3	2	0.00	3.21	0
20851688	20851687	1.93	3 1-	2 ACSR 6/1	0	0	1994	183	18	2	1	0.00	3.21	0
15240033	20851688	1.97	2 1-	2 ACSR 6/1	0	0	1955	183	13	1	1	0.00	3.22	0
15240035	15240033	2.07	1 1-	2 ACSR 6/1	0	0	1870	182	6	0	0	0.00	3.22	0
15240034	15240033	2.09	1 1-	2 ACSR 6/1	0	0	1854	182	6	0	0	0.00	3.22	0
20851537	20851479	1.93	1 1-	2 ACSR 6/1	0	0	1996	184	1	0	0	0.00	3.21	0
15340103	15340102	1.14	0 1-	2 ACSR 6/1	0	0	2774	186	0	0	0	0.00	0.51	0
15340100	15340126	0.79	1 1-	2 ACSR 6/1	0	0	3331	188	2	0	0	0.00	0.33	0
15340168	15340167	0.55	14 1-	2 ACSR 6/1	0	0	3843	188	33	4	2	0.00	0.45	0
15340170	15340168	0.61	8 1-	2 ACSR 6/1	0	0	3659	188	17	2	1	0.00	0.46	0
15340171	15340170	0.65	3 1-	2 ACSR 6/1	0	0	3548	187	6	0	0	0.00	0.46	0
15340169	15340168	0.60	4 1-	2 ACSR 6/1	0	0	3677	188	6	0	0	0.00	0.46	0

CKT 1 total losses: \$8,636

SUB 22, CKT 2

BK2202	ROCKHOLD(22)	0.00	589 3-	BK2202	5666	5746	5966	190	2848	118	32	0.00	0.00	0
15340082	BK2202	0.00	589 3-	1/0 CU	5651	5730	5942	190	2848	118	39	0.01	0.00	11
15340083	15340082	0.01	589 3-	1/0 CU	5620	5695	5887	190	2848	118	39	0.01	0.02	26
15340084	15340083	0.02	0 3-	1/0 CU	5590	5662	5835	190	0	0	0	0.00	0.02	0
15340088	15340083	0.13	589 3-	336 ACSR 18/1	5340	5361	5407	190	2848	118	22	0.09	0.08	145
15340094	15340088	0.21	2 1-	2 ACSR 6/1	0	0	4944	189	12	1	1	0.00	0.11	0
15340085	15340088	0.16	0 1-	2 ACSR 6/1	0	0	5204	190	0	0	0	0.00	0.11	0
15340174	15340088	0.23	587 3-	336 ACSR 18/1	5101	5080	5021	190	2835	118	22	0.08	0.13	135
15350029	15340174	0.28	586 3-	336 ACSR 18/1	5007	4970	4874	190	2829	118	22	0.03	0.15	56
15350030	15350029	0.32	585 3-	336 ACSR 18/1	4923	4872	4746	189	2820	117	22	0.03	0.18	52
15350034	15350030	0.43	578 3-	336 ACSR 18/1	4713	4632	4437	189	2788	116	22	0.08	0.23	133
15350041	15350034	0.67	549 3-	336 ACSR 18/1	4299	4170	3868	189	2652	110	21	0.16	0.35	275
15350046	15350041	0.72	548 3-	336 ACSR 18/1	4223	4087	3768	189	2644	110	21	0.03	0.37	56
15350047	15350046	0.81	547 3-	336 ACSR 18/1	4085	3938	3593	188	2638	110	21	0.06	0.42	106
15350042	15350047	0.92	546 3-	336 ACSR 18/1	3935	3775	3407	188	2629	109	21	0.07	0.47	124
15350043	15350042	0.96	545 3-	336 ACSR 18/1	3889	3727	3352	188	2621	109	21	0.02	0.48	39
15350044	15350043	1.04	543 3-	336 ACSR 18/1	3781	3612	3223	188	2610	109	21	0.06	0.52	97
15350048	15350044	1.14	0 1-	2 ACSR 6/1	0	0	3018	187	0	0	0	0.00	0.75	0
20850378	15350044	1.30	543 3-	336 ACSR 18/1	3491	3308	2891	187	2609	109	21	0.17	0.64	286
20850353	20850378	1.41	542 3-	336 ACSR 18/1	3379	3193	2768	187	2599	108	21	0.07	0.69	123
15350025	20850353	1.50	541 3-	336 ACSR 18/1	3294	3106	2677	187	2595	108	21	0.06	0.73	97
15350026	15350025	1.58	2 1-	2 ACSR 6/1	0	0	2551	186	12	1	1	0.00	1.05	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15360026	15350026	1.63	1 1-	2 ACSR 6/1	0	0	2477	186	7	0	0	0.00	1.05	0
15360027	15350026	1.69	1 1-	2 ACSR 6/1	0	0	2404	185	5	0	0	0.00	1.05	0
15350028	15350025	1.60	539 3-	336 ACSR 18/1	3201	3011	2578	187	2582	108	20	0.06	0.78	113
15360030	15350028	1.68	535 3-	336 ACSR 18/1	3129	2938	2503	187	2573	107	20	0.05	0.82	90
15360031	15360030	1.72	534 3-	336 ACSR 18/1	3094	2903	2467	186	2564	107	20	0.03	0.84	45
15360032	15360031	1.89	530 3-	336 ACSR 18/1	2961	2769	2332	186	2560	107	20	0.10	0.91	182
15360036	15360032	1.99	527 3-	336 ACSR 18/1	2890	2698	2261	186	2539	106	20	0.06	0.96	103
15360037	15360036	2.09	526 3-	336 ACSR 18/1	2816	2624	2188	186	2530	106	20	0.07	1.00	112
15360042	15360037	2.16	386 3-	336 ACSR 18/1	2773	2581	2146	185	1897	80	15	0.04	1.02	38
15360043	15360042	2.22	383 3-	336 ACSR 18/1	2732	2541	2107	185	1887	79	15	0.04	1.04	37
D15-36-P031	15360043	2.22	382 3-	ER3-RVE-200/100	2732	2541	2107	185	1880	79	79	0.00	1.04	0
15360044	D15-36-P031	2.27	382 3-	336 ACSR 18/1	2698	2507	2074	185	1880	79	15	0.03	1.05	32
15360045	15360044	2.37	381 3-	336 ACSR 18/1	2638	2448	2018	185	1879	79	15	0.06	1.08	58
D15-36-P048	15360045	2.37	2 1-	FUS-30	0	0	2018	185	7	0	3	0.00	1.58	0
15360046	D15-36-P048	2.54	2 1-	2 ACSR 6/1	0	0	1869	184	7	0	0	0.00	1.58	0
15360047	15360046	2.70	1 1-	2 ACSR 6/1	0	0	1749	182	0	0	0	0.00	1.58	0
15360048	15360045	2.43	377 3-	336 ACSR 18/1	2600	2411	1982	185	1870	79	15	0.04	1.10	38
15360049	15360048	2.49	376 3-	336 ACSR 18/1	2566	2378	1950	185	1869	79	15	0.03	1.11	34
C15-36-P32	15360049	2.49	0 3-	Capacitor	2566	2378	1950	185	0	-13	0	0.00	1.11	0
15360050	15360049	2.55	376 3-	336 ACSR 18/1	2534	2346	1920	185	1869	78	15	0.04	1.14	34
15360051	15360050	2.63	375 3-	336 ACSR 18/1	2492	2305	1882	184	1863	78	15	0.05	1.17	44
15360040	15360051	2.78	375 3-	336 ACSR 18/1	2412	2227	1808	184	1863	78	15	0.11	1.23	90
15360041	15360040	2.82	374 3-	336 ACSR 18/1	2393	2209	1791	184	1855	78	15	0.03	1.24	22
15360053	15360041	2.93	373 3-	336 ACSR 18/1	2338	2155	1742	184	1845	77	15	0.08	1.29	65
15370036	15360053	3.08	370 3-	336 ACSR 18/1	2268	2088	1680	183	1841	77	15	0.11	1.35	87
15370037	15370036	3.19	369 3-	336 ACSR 18/1	2222	2044	1639	183	1836	77	15	0.07	1.39	60
15370038	15370037	3.29	368 3-	336 ACSR 18/1	2179	2002	1602	183	1827	77	15	0.07	1.43	58
15370039	15370038	3.36	367 3-	336 ACSR 18/1	2150	1974	1577	183	1822	77	15	0.05	1.46	40
15370040	15370039	3.42	366 3-	336 ACSR 18/1	2126	1952	1556	183	1815	76	14	0.04	1.48	34
15370041	15370040	3.45	1 1-	2 ACSR 6/1	0	0	1537	182	8	1	1	0.00	1.63	0
20850356	15370040	3.45	364 3-	336 ACSR 18/1	2113	1939	1545	183	1797	76	14	0.02	1.50	19
20850357	20850356	3.52	363 3-	336 ACSR 18/1	2087	1914	1522	182	1790	75	14	0.05	1.52	37
20850383	20850357	3.67	359 3-	336 ACSR 18/1	2032	1861	1475	182	1770	74	14	0.10	1.58	81
D15-37-P015	20850383	3.67	57 1-	REC-50-H	0	0	1475	182	257	33	66	0.00	2.47	0
20850586	D15-37-P015	3.87	57 1-	2 ACSR 6/1	0	0	1381	180	257	33	18	0.19	2.66	38
20850587	20850586	3.97	56 1-	2 ACSR 6/1	0	0	1336	180	252	32	18	0.10	2.75	19
20850589	20850587	4.06	1 1-	2 ACSR 6/1	0	0	1301	179	5	0	0	0.00	2.76	0
20850588	20850587	4.02	1 1-	2 ACSR 6/1	0	0	1316	179	8	1	1	0.00	2.76	0
15370032	20850587	4.09	54 1-	2 ACSR 6/1	0	0	1288	179	239	30	17	0.11	2.86	20
20850592	15370032	4.18	53 1-	2 ACSR 6/1	0	0	1254	178	228	29	16	0.07	2.93	13
20850593	20850592	4.22	4 1-	2 ACSR 6/1	0	0	1237	178	4	0	0	0.00	2.93	0
20850571	20850593	4.27	2 1-	2 ACSR 6/1	0	0	1221	177	2	0	0	0.00	2.93	0
20850591	20850592	4.31	48 1-	2 ACSR 6/1	0	0	1204	177	222	28	16	0.11	3.05	20
15370049	20850591	4.35	2 1-	2 ACSR 6/1	0	0	1190	177	1	0	0	0.00	3.05	0
15370034	20850591	4.37	46 1-	2 ACSR 6/1	0	0	1184	177	221	28	16	0.05	3.10	9
15470016	15370034	4.49	45 1-	2 ACSR 6/1	0	0	1144	176	213	27	15	0.09	3.19	16
15470017	15470016	4.74	44 1-	2 ACSR 6/1	0	0	1066	174	210	27	15	0.20	3.39	32
15470018	15470017	4.81	42 1-	2 ACSR 6/1	0	0	1049	173	202	26	15	0.05	3.43	7
15470019	15470018	4.89	41 1-	2 ACSR 6/1	0	0	1026	173	195	25	14	0.06	3.49	10
D15-47-P019	15470019	4.89	15 1-	FUS-20	0	0	1026	173	68	8	49	0.00	3.49	0
15470021	D15-47-P019	5.07	15 1-	2 ACSR 6/1	0	0	980	172	68	8	5	0.04	3.54	2
20850938	15470021	5.15	14 1-	2 ACSR 6/1	0	0	961	171	64	8	5	0.02	3.56	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851385	20850938	5.34	11 1-	2 ACSR 6/1	0	0	918	170	56	7	4	0.04	3.60	2
20851386	20851385	5.60	1 1-	2 ACSR 6/1	0	0	864	168	0	0	0	0.00	3.60	0
20851359	20851385	5.49	10 1-	2 ACSR 6/1	0	0	888	169	56	7	4	0.03	3.62	1
20851360	20851359	5.60	9 1-	2 ACSR 6/1	0	0	865	168	46	6	3	0.02	3.64	0
20851361	20851360	5.61	8 1-	2 ACSR 6/1	0	0	862	168	39	5	3	0.00	3.65	0
20851362	20851361	5.70	6 1-	2 ACSR 6/1	0	0	846	167	36	4	3	0.01	3.66	0
20851363	20851362	5.86	5 1-	2 ACSR 6/1	0	0	817	166	30	3	2	0.02	3.67	0
20851365	20851363	5.94	3 1-	2 ACSR 6/1	0	0	804	166	14	1	1	0.00	3.67	0
20851366	20851365	6.38	1 1-	2 ACSR 6/1	0	0	736	163	2	0	0	0.00	3.67	0
20851364	20851363	5.96	1 1-	2 ACSR 6/1	0	0	801	165	7	0	1	0.00	3.67	0
20850978	20850938	5.21	1 1-	2 ACSR 6/1	0	0	947	171	2	0	0	0.00	3.56	0
15470020	15470019	4.98	25 1-	2 ACSR 6/1	0	0	1003	172	125	16	9	0.04	3.54	4
20851367	15470020	5.18	24 1-	2 ACSR 6/1	0	0	955	171	124	16	9	0.09	3.63	9
20851368	20851367	5.32	22 1-	2 ACSR 6/1	0	0	922	170	118	15	9	0.06	3.69	6
20851369	20851368	5.56	2 1-	2 ACSR 6/1	0	0	872	168	8	0	1	0.00	3.69	0
15480003	20851368	5.53	19 1-	2 ACSR 6/1	0	0	878	168	103	13	7	0.08	3.77	6
15580043	15480003	5.62	1 1-	2 ACSR 6/1	0	0	861	168	9	1	1	0.00	3.77	0
15580041	15480003	5.63	17 1-	2 ACSR 6/1	0	0	859	168	89	11	6	0.03	3.80	2
15580044	15580041	5.69	1 1-	2 ACSR 6/1	0	0	848	167	3	0	0	0.00	3.80	0
15580042	15580041	5.69	2 1-	2 ACSR 6/1	0	0	848	167	7	0	1	0.00	3.80	0
15580013	15580041	5.68	14 1-	2 ACSR 6/1	0	0	850	167	78	10	6	0.01	3.81	0
15580037	15580013	5.72	4 1-	2 ACSR 6/1	0	0	843	167	11	1	1	0.00	3.81	0
15580038	15580037	5.75	2 1-	2 ACSR 6/1	0	0	837	167	7	0	0	0.00	3.82	0
15580039	15580038	5.83	2 1-	2 ACSR 6/1	0	0	822	166	7	0	0	0.00	3.82	0
15580040	15580039	5.90	0 1-	2 ACSR 6/1	0	0	811	166	0	0	0	0.00	3.82	0
15580045	15580013	5.72	9 1-	2 ACSR 6/1	0	0	843	167	67	8	5	0.01	3.82	0
15580046	15580045	5.94	8 1-	2 ACSR 6/1	0	0	803	166	57	7	4	0.05	3.87	2
15570037	15580046	6.01	2 1-	2 ACSR 6/1	0	0	791	165	20	2	1	0.00	3.87	0
15570038	15570037	6.09	1 1-	2 ACSR 6/1	0	0	780	165	8	0	1	0.00	3.88	0
15570039	15580046	5.99	5 1-	2 ACSR 6/1	0	0	795	165	28	3	2	0.00	3.88	0
15570040	15570039	6.07	4 1-	2 ACSR 6/1	0	0	782	165	19	2	1	0.00	3.88	0
15570049	15570040	6.11	3 1-	2 ACSR 6/1	0	0	776	164	14	1	1	0.00	3.88	0
15570070	15570049	6.14	1 1-	2 ACSR 6/1	0	0	771	164	4	0	0	0.00	3.88	0
15570050	15570049	6.25	1 1-	2 ACSR 6/1	0	0	754	163	1	0	0	0.00	3.88	0
15570061	15580046	6.00	1 1-	2 ACSR 6/1	0	0	794	165	9	1	1	0.00	3.87	0
15470015	15370034	4.59	1 1-	2 ACSR 6/1	0	0	1111	175	8	0	1	0.00	3.10	0
15370035	15470015	4.74	0 1-	2 ACSR 6/1	0	0	1067	174	0	0	0	0.00	3.10	0
20850590	15370032	4.20	1 1-	2 ACSR 6/1	0	0	1243	178	11	1	1	0.00	2.86	0
20850384	20850383	3.73	301 3-	336 ACSR 18/1	2012	1842	1458	182	1512	63	12	0.02	1.60	21
20850385	20850384	3.87	1 1-	2 ACSR 6/1	0	0	1392	181	3	0	0	0.00	1.73	0
15370050	20850384	3.87	300 3-	336 ACSR 18/1	1962	1794	1416	182	1509	63	12	0.06	1.64	53
15370052	15370050	3.97	1 1-	2 ACSR 6/1	0	0	1373	181	2	0	0	0.00	1.76	0
15370051	15370050	4.01	299 3-	336 ACSR 18/1	1915	1750	1377	181	1506	63	12	0.05	1.69	52
20850584	15370051	4.08	1 1-	2 ACSR 6/1	0	0	1347	181	2	0	0	0.00	1.79	0
15370033	15370051	4.07	298 3-	336 ACSR 18/1	1897	1733	1362	181	1504	63	12	0.02	1.70	21
15270031	15370033	4.17	288 3-	336 ACSR 18/1	1859	1697	1331	181	1461	61	12	0.03	1.73	33
15270043	15270031	4.22	287 3-	336 ACSR 18/1	1840	1679	1316	181	1447	61	12	0.02	1.75	17
15-27-P023-B	15270043	4.22	287 3-	Closed	1840	1679	1316	181	1447	61	0	0.00	1.75	0
15-27-P023-A	15-27-P023-B	4.22	287 3-	Closed	1840	1679	1316	181	1447	61	0	0.00	1.75	0
15270044	15-27-P023-A	4.23	287 3-	4/0 ACSR 6/1	1837	1676	1313	181	1447	61	18	0.00	1.75	4
15270042	15270044	4.57	67 3-	1/0 ACSR 6/1	1690	1534	1204	179	270	11	5	0.04	1.82	14
D15-28-P011	15270042	4.57	67 3-	REC-100-4H	1690	1534	1204	179	270	11	12	0.00	1.82	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15280024	D15-28-P011	4.82	67 3-	1/0 ACSR 6/1	1595	1443	1135	177	270	11	5	0.03	1.86	10
20850566	15280024	4.88	65 3-	1/0 ACSR 6/1	1572	1421	1118	177	266	11	5	0.01	1.87	3
15280013	20850566	5.14	64 3-	1/0 ACSR 6/1	1487	1340	1057	176	264	11	5	0.03	1.92	10
15280012	15280013	5.21	62 3-	1/0 ACSR 6/1	1464	1319	1040	175	220	9	4	0.00	1.93	3
15380015	15280012	5.37	61 3-	1/0 ACSR 6/1	1415	1272	1005	175	217	9	4	0.00	1.95	6
15380016	15380015	5.43	60 3-	1/0 ACSR 6/1	1397	1256	992	174	216	9	4	0.00	1.96	2
20850567	15380016	5.53	59 3-	1/0 ACSR 6/1	1371	1231	973	174	214	9	4	0.00	1.98	3
20850568	20850567	5.62	58 3-	1/0 ACSR 6/1	1346	1208	955	173	211	9	4	0.00	1.99	3
20850569	20850568	5.77	56 3-	1/0 ACSR 6/1	1307	1171	927	172	208	8	4	0.00	2.01	5
20850766	20850569	5.85	56 3-	1/0 ACSR 6/1	1288	1153	914	172	208	8	4	0.00	2.02	2
20850767	20850766	5.93	55 3-	1/0 ACSR 6/1	1269	1136	900	172	206	8	4	0.00	2.03	2
20850768	20850767	6.06	54 3-	1/0 ACSR 6/1	1238	1107	878	171	205	8	4	0.00	2.05	4
20850769	20850768	6.15	53 3-	1/0 ACSR 6/1	1218	1088	864	171	198	8	4	0.00	2.06	3
20850770	20850769	6.24	51 3-	1/0 ACSR 6/1	1199	1070	850	170	190	8	4	0.00	2.07	2
15390007	20850770	6.32	50 3-	1/0 ACSR 6/1	1181	1054	838	170	188	8	3	0.00	2.08	2
15290054	15390007	6.40	49 3-	1/0 ACSR 6/1	1165	1039	826	169	178	7	3	0.00	2.09	2
15290048	15290054	6.48	48 3-	1/0 ACSR 6/1	1149	1024	815	169	175	7	3	0.00	2.10	2
15290049	15290048	6.56	45 3-	1/0 ACSR 6/1	1133	1010	804	169	170	7	3	0.00	2.11	2
15290044	15290049	6.67	43 3-	1/0 ACSR 6/1	1113	991	790	168	167	7	3	0.00	2.12	2
15290046	15290044	6.72	1 1-	2 ACSR 6/1	0	0	782	168	3	0	0	0.00	2.17	0
15290045	15290044	6.74	1 1-	2 ACSR 6/1	0	0	780	168	4	0	0	0.00	2.78	0
20851540	15290044	6.72	41 3-	1/0 ACSR 6/1	1104	982	783	168	160	6	3	0.00	2.13	0
15290035	20851540	6.77	40 3-	1/0 ACSR 6/1	1095	975	777	168	153	6	3	0.00	2.14	0
15290036	15290035	7.01	39 3-	1/0 ACSR 6/1	1053	936	747	166	150	6	3	0.00	2.16	4
15290030	15290036	7.07	17 3-	1/0 ACSR 6/1	1044	927	740	166	75	3	1	0.00	2.16	0
15290037	15290030	7.08	17 3-	1/0 ACSR 6/1	1041	925	739	166	75	3	1	0.00	2.16	0
R15-29-P43	15290037	7.08	17 3-	REGU-167	1041	925	739	166	75	3	1	-2.78	0.00	0
15290038	R15-29-P43	7.12	17 3-	1/0 ACSR 6/1	1035	920	735	166	75	3	1	0.00	0.00	0
15290052	15290038	7.17	1 1-	2 ACSR 6/1	0	0	728	166	3	0	0	0.00	0.01	0
15290043	15290052	7.22	0 1-	2 ACSR 6/1	0	0	722	165	0	0	0	0.00	0.01	0
15290055	15290043	7.37	0 1-	2 ACSR 6/1	0	0	703	164	0	0	0	0.00	0.01	0
15290032	15290038	7.20	16 3-	1/0 ACSR 6/1	1023	908	726	165	72	3	1	0.00	0.01	0
15290033	15290032	7.39	0 1-	2 ACSR 6/1	0	0	701	164	0	0	0	0.00	-0.01	0
15290034	15290032	7.31	15 3-	1/0 ACSR 6/1	1005	892	713	165	65	2	1	0.01	0.01	0
15290040	15290034	7.50	14 3-	1/0 ACSR 6/1	978	867	694	164	63	2	1	0.01	0.02	0
15290041	15290040	7.52	12 3-	1/0 ACSR 6/1	974	864	692	164	60	2	1	0.00	0.02	0
15290031	15290041	7.68	12 3-	1/0 ACSR 6/1	952	844	676	163	60	2	1	0.01	0.03	0
15190031	15290031	7.73	11 3-	1/0 ACSR 6/1	945	837	671	163	57	2	1	0.00	0.03	0
15190032	15190031	7.82	9 1-	2 ACSR 6/1	0	0	661	162	51	6	4	0.02	0.10	0
15190033	15190032	8.05	5 1-	2 ACSR 6/1	0	0	637	161	29	3	2	0.02	0.13	0
15190034	15190033	8.15	4 1-	2 ACSR 6/1	0	0	626	160	27	3	2	0.01	0.14	0
15190063	15190034	8.23	2 1-	2 ACSR 6/1	0	0	618	160	15	1	1	0.00	0.14	0
15190061	15190034	8.23	2 1-	2 ACSR 6/1	0	0	618	160	11	1	1	0.00	0.14	0
15180028	15190061	8.27	1 1-	2 ACSR 6/1	0	0	614	159	9	1	1	0.00	0.14	0
15190037	15190033	8.14	1 1-	2 ACSR 6/1	0	0	627	160	3	0	0	0.00	0.13	0
15190052	15190032	7.88	4 1-	2 ACSR 6/1	0	0	654	162	22	2	2	0.00	0.11	0
15190053	15190052	8.00	3 1-	2 ACSR 6/1	0	0	642	161	15	1	1	0.01	0.11	0
15190060	15190053	8.04	1 1-	2 ACSR 6/1	0	0	637	161	6	0	0	0.00	0.11	0
15190070	15190053	8.06	2 1-	2 ACSR 6/1	0	0	635	161	9	1	1	0.00	0.11	0
15190050	15190031	7.83	2 3-	1/0 ACSR 6/1	932	825	662	163	6	0	0	0.00	0.03	0
15190051	15190050	7.86	1 3-	1/0 ACSR 6/1	928	821	659	162	4	0	0	0.00	0.03	0
15190049	15190051	7.91	1 1-	2 ACSR 6/1	0	0	653	162	4	0	0	0.00	0.03	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15190036	15190051	7.87	0 3-	1/0 ACSR 6/1	926	820	658	162	0	0	0	0.00	0.03	0
15-19-P094-B	15190036	7.87	0 3-	Open	926	820	658	162	0	0	0	0.00	0.03	0
15190069	15290031	7.74	1 1-	2 ACSR 6/1	0	0	669	163	3	0	0	0.00	0.03	0
15290039	15290034	7.43	1 1-	2 ACSR 6/1	0	0	698	164	2	0	0	0.00	0.01	0
15290029	15290036	7.11	22 1-	2 ACSR 6/1	0	0	733	166	74	9	5	0.03	2.25	2
D15-29-P013	15290029	7.11	22 1-	REC-25-H	0	0	733	166	74	9	38	0.00	2.25	0
15290028	D15-29-P013	7.19	22 1-	2 ACSR 6/1	0	0	724	165	74	9	5	0.02	2.27	1
20851957	15290028	7.29	19 1-	2 ACSR 6/1	0	0	709	164	61	7	4	0.02	2.29	1
20851958	20851957	7.38	18 1-	2 ACSR 6/1	0	0	699	164	57	7	4	0.02	2.31	0
20851949	20851958	7.45	18 1-	2 ACSR 6/1	0	0	690	163	57	7	4	0.02	2.32	0
20851951	20851949	7.52	17 1-	2 ACSR 6/1	0	0	681	163	53	6	4	0.01	2.34	0
20852198	20851951	7.58	1 1-	2 ACSR 6/1	0	0	675	163	3	0	0	0.00	2.34	0
20852060	20851951	7.69	15 1-	2 ACSR 6/1	0	0	662	162	50	6	4	0.03	2.37	1
16220016	20852060	8.07	15 1-	2 ACSR 6/1	0	0	622	159	50	6	4	0.07	2.44	3
16220018	16220016	8.15	14 1-	2 ACSR 6/1	0	0	613	159	46	5	3	0.01	2.45	0
16320004	16220018	8.26	13 1-	2 ACSR 6/1	0	0	603	158	39	5	3	0.01	2.47	0
16320017	16320004	8.30	11 1-	2 ACSR 6/1	0	0	599	158	35	4	3	0.01	2.47	0
16320018	16320017	8.38	10 1-	2 ACSR 6/1	0	0	592	157	32	4	2	0.01	2.48	0
16320019	16320018	8.41	2 1-	2 ACSR 6/1	0	0	589	157	4	0	0	0.00	2.48	0
16320020	16320019	8.44	1 1-	2 ACSR 6/1	0	0	587	157	3	0	0	0.00	2.48	0
16320005	16320018	8.48	6 1-	2 ACSR 6/1	0	0	583	157	23	3	2	0.01	2.49	0
16320006	16320005	8.61	1 1-	2 ACSR 6/1	0	0	572	156	0	0	0	0.00	2.49	0
16320007	16320005	8.53	4 1-	2 ACSR 6/1	0	0	579	156	22	2	2	0.00	2.49	0
16320010	16320007	8.57	2 1-	2 ACSR 6/1	0	0	575	156	8	0	1	0.00	2.49	0
16320012	16320010	9.38	0 1-	2 ACSR 6/1	0	0	513	151	0	0	0	0.00	2.49	0
16320011	16320010	8.89	1 1-	2 ACSR 6/1	0	0	548	154	3	0	0	0.00	2.50	0
16320008	16320011	8.96	1 1-	2 ACSR 6/1	0	0	543	154	3	0	0	0.00	2.50	0
16320009	16320011	9.26	0 1-	2 ACSR 6/1	0	0	521	152	0	0	0	0.00	2.50	0
16320003	16320007	8.60	2 1-	2 ACSR 6/1	0	0	573	156	14	1	1	0.00	2.50	0
16220012	20852060	7.74	0 1-	2 ACSR 6/1	0	0	657	162	0	0	0	0.00	2.37	0
20851950	20851949	7.50	1 1-	2 ACSR 6/1	0	0	684	163	4	0	0	0.00	2.33	0
16220011	20851949	7.55	0 1-	2 ACSR 6/1	0	0	678	163	0	0	0	0.00	2.32	0
15290042	15290028	7.28	3 1-	2 ACSR 6/1	0	0	712	165	13	1	1	0.00	2.27	0
15290047	15290035	6.83	1 1-	2 ACSR 6/1	0	0	767	167	3	0	0	0.00	2.19	0
15290051	20851540	6.76	1 1-	2 ACSR 6/1	0	0	777	168	7	0	0	0.00	2.18	0
15290050	15290049	6.62	1 1-	2 ACSR 6/1	0	0	795	168	1	0	0	0.00	1.40	0
15380010	15280012	5.28	1 1-	2 ACSR 6/1	0	0	1023	175	3	0	0	0.00	1.97	0
15280027	15280013	5.31	2 1-	2 ACSR 6/1	0	0	1013	174	44	5	3	0.02	2.81	0
15280014	15280013	5.52	0 1-	2 ACSR 6/1	0	0	962	173	0	0	0	0.00	2.79	0
15270023	15270044	4.29	220 3-	336 ACSR 18/1	1820	1660	1299	180	1177	49	9	0.02	1.76	13
D15-27-P047	15270023	4.29	220 3-	REC-100-L	1820	1660	1299	180	1176	49	50	0.00	1.76	0
15270035	D15-27-P047	4.33	220 3-	336 ACSR 18/1	1808	1649	1290	180	1176	49	9	0.01	1.77	9
15270045	15270035	4.44	219 3-	336 ACSR 18/1	1777	1620	1265	180	1176	49	9	0.03	1.80	24
15270046	15270045	4.53	217 3-	336 ACSR 18/1	1751	1595	1243	180	1161	49	9	0.03	1.82	21
CAP148	15270046	4.53	216 3-	Capacitor	0	0	0	0	1156	48	0	0.00	1.82	0
15270033	CAP148	4.60	215 3-	336 ACSR 18/1	1734	1579	1229	180	1149	49	9	0.02	1.84	14
15270034	15270033	4.64	215 3-	336 ACSR 18/1	1724	1569	1221	180	1148	49	9	0.01	1.85	9
15270028	15270034	4.70	214 3-	336 ACSR 18/1	1708	1555	1209	179	1141	48	9	0.02	1.87	13
15270047	15270028	4.77	213 3-	336 ACSR 18/1	1690	1538	1194	179	1135	48	9	0.02	1.89	15
15270049	15270047	5.00	212 3-	336 ACSR 18/1	1634	1485	1149	179	1133	48	9	0.08	1.95	50
15270050	15270049	5.14	207 3-	336 ACSR 18/1	1601	1455	1123	178	1108	47	9	0.04	1.99	28
20851538	15270050	5.25	202 3-	336 ACSR 18/1	1579	1433	1105	178	1068	45	9	0.03	2.02	19

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15170028	20851538	5.30	1 1-	2 ACSR 6/1	0	0	1091	178	7	0	1	0.00	2.99	0
15170027	20851538	5.47	198 3-	336 ACSR 18/1	1531	1389	1068	178	1051	45	8	0.06	2.08	41
15170009	15170027	5.55	198 3-	336 ACSR 18/1	1515	1373	1055	177	1050	45	8	0.02	2.10	15
15170026	15170009	5.61	2 1-	2 ACSR 6/1	0	0	1040	177	15	1	1	0.00	2.17	0
15170025	15170009	5.64	196 3-	336 ACSR 18/1	1498	1358	1042	177	1036	44	8	0.03	2.12	15
15170046	15170025	5.72	1 1-	2 ACSR 6/1	0	0	1021	177	5	0	0	0.00	3.10	0
15170024	15170025	5.71	195 3-	336 ACSR 18/1	1483	1344	1030	177	1030	44	8	0.02	2.14	13
15170023	15170024	5.80	1 1-	2 ACSR 6/1	0	0	1009	176	10	1	1	0.00	3.13	0
15170022	15170024	5.76	194 3-	336 ACSR 18/1	1473	1335	1023	177	1021	43	8	0.01	2.16	9
15170021	15170022	5.80	191 3-	336 ACSR 18/1	1467	1329	1018	177	1009	43	8	0.01	2.16	5
15170020	15170021	5.87	188 3-	336 ACSR 18/1	1453	1316	1008	177	1002	42	8	0.02	2.18	12
15170019	15170020	5.92	182 3-	336 ACSR 18/1	1444	1307	1000	177	986	42	8	0.01	2.19	8
15170018	15170019	6.03	1 1-	2 ACSR 6/1	0	0	975	176	3	0	0	0.00	3.18	0
15170017	15170019	5.97	2 1-	2 ACSR 6/1	0	0	989	176	8	1	1	0.00	2.27	0
15170011	15170019	5.95	179 3-	336 ACSR 18/1	1439	1303	996	176	974	41	8	0.01	2.20	4
15170012	15170011	6.12	14 1-	2 ACSR 6/1	0	0	957	175	49	6	3	0.03	2.31	1
15170014	15170012	6.20	10 1-	2 ACSR 6/1	0	0	941	175	39	5	3	0.01	2.32	0
15170043	15170014	6.24	8 1-	2 ACSR 6/1	0	0	932	174	31	4	2	0.00	2.32	0
15170045	15170043	6.37	2 1-	2 ACSR 6/1	0	0	905	173	0	0	0	0.00	2.32	0
15170042	15170045	6.46	1 1-	2 ACSR 6/1	0	0	888	173	0	0	0	0.00	2.32	0
15170041	15170042	6.52	1 1-	2 ACSR 6/1	0	0	876	172	0	0	0	0.00	2.32	0
15170044	15170043	6.28	6 1-	2 ACSR 6/1	0	0	924	174	31	3	2	0.00	2.32	0
15170015	15170044	6.38	2 1-	2 ACSR 6/1	0	0	903	173	3	0	0	0.00	2.33	0
15170039	15170044	6.35	1 1-	2 ACSR 6/1	0	0	910	173	5	0	0	0.00	2.33	0
15170040	15170039	6.46	1 1-	2 ACSR 6/1	0	0	888	173	5	0	0	0.00	2.33	0
15170016	15170040	6.53	1 1-	2 ACSR 6/1	0	0	876	172	5	0	0	0.00	2.33	0
15170013	15170012	6.19	2 1-	2 ACSR 6/1	0	0	942	175	4	0	0	0.00	2.31	0
15170010	15170011	6.08	164 3-	336 ACSR 18/1	1414	1280	978	176	922	39	7	0.04	2.23	19
15170047	15170010	6.19	163 3-	336 ACSR 18/1	1396	1263	964	176	920	39	7	0.03	2.26	15
15170048	15170047	6.27	163 3-	336 ACSR 18/1	1382	1250	953	176	920	39	7	0.02	2.28	11
15070036	15170048	6.41	161 3-	336 ACSR 18/1	1359	1229	935	175	911	39	7	0.04	2.31	20
15070035	15070036	6.51	160 3-	336 ACSR 18/1	1344	1215	924	175	906	38	7	0.03	2.33	13
15070051	15070035	6.59	1 1-	2 ACSR 6/1	0	0	908	175	17	2	1	0.00	3.36	0
15070050	15070035	6.55	159 3-	336 ACSR 18/1	1337	1208	919	175	889	38	7	0.01	2.34	6
15070034	15070050	6.61	158 3-	336 ACSR 18/1	1328	1200	912	175	888	38	7	0.02	2.35	8
15070033	15070034	6.69	3 1-	2 ACSR 6/1	0	0	897	174	21	2	2	0.00	3.38	0
15070032	15070034	6.69	154 3-	336 ACSR 18/1	1315	1188	902	175	860	36	7	0.02	2.37	10
15-07-P048-B	15070032	6.69	154 3-	Closed	1315	1188	902	175	860	36	0	0.00	2.37	0
15-07-P048-A	15-07-P048-B	6.69	154 3-	Closed	1315	1188	902	175	860	36	0	0.00	2.37	0
15070052	15-07-P048-A	6.70	154 3-	336 ACSR 18/1	1314	1187	901	175	860	36	7	0.00	2.37	0
15070031	15070052	6.72	151 3-	336 ACSR 18/1	1307	1180	897	175	844	36	7	0.01	2.38	3
15070037	15070031	6.76	8 1-	2 ACSR 6/1	0	0	889	174	46	5	3	0.01	2.46	0
15070022	15070037	6.90	7 1-	2 ACSR 6/1	0	0	865	173	42	5	3	0.02	2.48	0
15070021	15070022	7.01	6 1-	2 ACSR 6/1	0	0	846	172	32	4	2	0.01	2.49	0
15070040	15070021	7.23	0 1-	2 ACSR 6/1	0	0	809	171	0	0	0	0.00	2.49	0
15070023	15070021	7.10	6 1-	2 ACSR 6/1	0	0	831	172	32	4	2	0.01	2.50	0
15070039	15070023	7.19	1 1-	2 ACSR 6/1	0	0	815	171	9	1	1	0.00	2.51	0
15070024	15070023	7.14	3 1-	2 ACSR 6/1	0	0	824	171	15	1	1	0.00	2.51	0
15070025	15070024	7.26	1 1-	2 ACSR 6/1	0	0	804	171	6	0	0	0.00	2.51	0
15070038	15070022	7.09	1 1-	2 ACSR 6/1	0	0	832	172	10	1	1	0.00	2.49	0
15070030	15070031	6.80	142 3-	336 ACSR 18/1	1285	1159	882	174	789	33	6	0.02	2.39	9
15070048	15070030	6.85	128 3-	336 ACSR 18/1	1275	1149	875	174	701	30	6	0.01	2.40	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15070047	15070048	6.91	127 3-	336 ACSR 18/1	1261	1136	866	173	694	29	6	0.01	2.41	5
9970071	15070047	6.93	9 1-	2 ACSR 6/1	0	0	862	173	56	7	4	0.00	2.49	0
9970102	9970071	6.97	3 1-	2 ACSR 6/1	0	0	855	173	18	2	1	0.00	2.49	0
9970116	9970071	6.99	2 1-	2 ACSR 6/1	0	0	852	173	20	2	1	0.00	2.49	0
9970072	9970071	6.98	4 1-	2 ACSR 6/1	0	0	852	173	18	2	1	0.00	2.49	0
9970073	9970072	7.02	3 1-	2 ACSR 6/1	0	0	846	173	9	1	1	0.00	2.49	0
9970074	9970073	7.20	2 1-	2 ACSR 6/1	0	0	816	171	9	1	1	0.01	2.50	0
9970115	9970074	7.28	1 1-	2 ACSR 6/1	0	0	804	171	8	1	1	0.00	2.50	0
9970107	9970074	7.27	1 1-	2 ACSR 6/1	0	0	806	171	1	0	0	0.00	2.50	0
9970070	15070047	6.96	115 3-	336 ACSR 18/1	1251	1126	859	173	622	26	5	0.01	2.42	3
9970069	9970070	6.99	113 3-	336 ACSR 18/1	1242	1118	853	173	608	26	5	0.01	2.42	2
9970068	9970069	7.04	112 3-	336 ACSR 18/1	1233	1110	847	173	601	25	5	0.01	2.43	2
9970067	9970068	7.07	110 3-	336 ACSR 18/1	1227	1104	842	173	586	25	5	0.01	2.43	2
9970082	9970067	7.08	83 3-	336 ACSR 18/1	1223	1100	839	172	440	18	4	0.00	2.44	0
9970083	9970082	7.15	10 1-	2 ACSR 6/1	0	0	829	172	73	9	5	0.02	3.50	0
9970119	9970083	7.19	3 1-	2 ACSR 6/1	0	0	823	172	23	3	2	0.00	3.50	0
9970084	9970083	7.18	5 1-	2 ACSR 6/1	0	0	823	172	35	4	3	0.00	3.50	0
9970085	9970084	7.22	4 1-	2 ACSR 6/1	0	0	817	171	27	3	2	0.00	3.51	0
9970064	9970085	7.27	2 1-	2 ACSR 6/1	0	0	810	171	16	2	1	0.00	3.51	0
9970065	9970064	7.31	0 1-	2 ACSR 6/1	0	0	803	171	0	0	0	0.00	3.51	0
9970081	9970082	7.12	73 3-	336 ACSR 18/1	1215	1093	834	172	367	15	3	0.00	2.44	0
9970080	9970081	7.18	70 3-	336 ACSR 18/1	1203	1081	826	172	354	15	3	0.00	2.44	2
9970079	9970080	7.21	67 3-	336 ACSR 18/1	1197	1075	822	172	335	14	3	0.00	2.45	0
9970078	9970079	7.28	65 3-	336 ACSR 18/1	1182	1061	812	171	334	14	3	0.00	2.45	2
9970077	9970078	7.35	9 1-	2 ACSR 6/1	0	0	802	171	51	6	4	0.01	3.50	0
9970103	9970077	7.45	4 1-	2 ACSR 6/1	0	0	786	170	33	4	2	0.01	3.51	0
9870174	9970103	7.49	1 1-	2 ACSR 6/1	0	0	780	170	10	1	1	0.00	3.51	0
9870158	9970103	7.53	1 1-	2 ACSR 6/1	0	0	774	170	13	1	1	0.00	3.51	0
9870157	9970103	7.58	1 1-	2 ACSR 6/1	0	0	767	169	3	0	0	0.00	3.51	0
9970118	9970077	7.39	5 1-	2 ACSR 6/1	0	0	795	171	19	2	1	0.00	3.50	0
9970076	9970078	7.32	56 3-	336 ACSR 18/1	1175	1055	807	171	283	12	2	0.00	2.46	0
9970075	9970076	7.52	53 3-	336 ACSR 18/1	1137	1018	781	170	270	11	2	-0.01	2.47	5
9870153	9970075	7.57	52 3-	336 ACSR 18/1	1126	1009	774	170	266	11	2	0.00	2.47	1
9870152	9870153	7.64	1 1-	2 ACSR 6/1	0	0	765	169	4	0	0	0.00	3.47	0
9870086	9870153	7.68	12 3-	336 ACSR 18/1	1107	991	761	169	81	3	1	0.01	2.47	0
9870150	9870086	7.90	5 1-	2 ACSR 6/1	0	0	731	168	32	4	2	0.02	3.50	0
9870151	9870150	8.00	2 1-	2 ACSR 6/1	0	0	719	167	15	2	1	0.00	3.51	0
9870121	9870151	8.03	1 1-	2 ACSR 6/1	0	0	715	167	11	1	1	0.00	3.51	0
9870149	9870086	7.75	7 3-	336 ACSR 18/1	1096	980	754	169	50	2	0	0.00	2.48	0
9870148	9870149	7.82	6 3-	336 ACSR 18/1	1082	968	745	169	43	1	0	0.00	2.48	0
9870104	9870148	7.86	2 1-	2 ACSR 6/1	0	0	740	168	11	1	1	0.00	2.63	0
9870105	9870104	7.91	1 1-	2 ACSR 6/1	0	0	733	168	4	0	0	0.00	2.63	0
9870089	9870148	7.87	2 1-	2 ACSR 6/1	0	0	739	168	20	2	1	0.00	3.49	0
9870094	9870089	7.90	1 1-	2 ACSR 6/1	0	0	735	168	10	1	1	0.00	3.49	0
9870088	9870148	7.89	2 3-	1/0 ACSR 6/1	1071	957	737	168	11	0	0	0.00	2.48	0
9870154	9870153	7.65	38 3-	1/0 ACSR 6/1	1113	997	765	170	180	7	3	-0.01	2.48	4
9870156	9870154	7.68	33 1-	2 ACSR 6/1	0	0	761	169	158	20	11	0.02	2.67	2
9870162	9870156	7.73	31 1-	2 ACSR 6/1	0	0	753	169	150	19	11	0.03	2.70	3
D09-87-P056	9870162	7.73	27 1-	REC-35-H	0	0	753	169	127	16	47	0.00	2.70	0
9870160	D09-87-P056	7.81	27 1-	2 ACSR 6/1	0	0	743	168	127	16	9	0.03	2.74	4
9870165	9870160	7.91	25 1-	2 ACSR 6/1	0	0	729	168	106	13	8	0.04	2.78	4
9870168	9870165	7.99	1 1-	2 ACSR 6/1	0	0	720	167	3	0	0	0.00	2.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9870167	9870165	7.97	2 1-	2 ACSR 6/1	0	0	722	167	22	2	2	0.00	2.78	0
9870166	9870165	8.01	21 1-	2 ACSR 6/1	0	0	717	167	80	10	6	0.03	2.81	2
9870096	9870166	8.11	3 1-	2 ACSR 6/1	0	0	694	166	16	2	1	0.00	2.81	0
9870097	9870096	8.15	1 1-	2 ACSR 6/1	0	0	709	166	8	0	1	0.00	2.81	0
9870117	9870166	8.12	18 1-	2 ACSR 6/1	0	0	703	166	64	8	5	0.03	2.83	1
9870100	9870117	8.28	16 1-	2 ACSR 6/1	0	0	684	165	60	7	4	0.04	2.87	2
9870084	9870100	8.65	10 1-	2 ACSR 6/1	0	0	643	163	35	4	3	0.05	2.92	1
9970104	9870084	8.73	10 1-	2 ACSR 6/1	0	0	635	162	35	4	3	0.01	2.93	0
9970108	9970104	8.82	3 1-	2 ACSR 6/1	0	0	626	162	18	2	1	0.01	2.93	0
9970109	9970108	8.87	2 1-	2 ACSR 6/1	0	0	621	161	11	1	1	0.00	2.93	0
9970111	9970108	8.89	1 1-	2 ACSR 6/1	0	0	619	161	7	0	0	0.00	2.93	0
9970112	9970111	8.98	0 1-	2 ACSR 6/1	0	0	610	160	0	0	0	0.00	2.93	0
9970113	9970104	8.80	6 1-	2 ACSR 6/1	0	0	628	162	15	1	1	0.00	2.93	0
9970092	9970113	8.84	5 1-	2 ACSR 6/1	0	0	624	161	13	1	1	0.00	2.93	0
9970093	9970092	8.97	4 1-	2 ACSR 6/1	0	0	611	161	9	1	1	0.00	2.94	0
9970094	9970093	9.00	3 1-	2 ACSR 6/1	0	0	608	160	7	0	1	0.00	2.94	0
9970097	9970094	9.12	1 1-	2 ACSR 6/1	0	0	598	160	2	0	0	0.00	2.94	0
9970098	9970097	9.21	1 1-	2 ACSR 6/1	0	0	590	159	2	0	0	0.00	2.94	0
9970096	9970094	9.07	1 1-	2 ACSR 6/1	0	0	602	160	2	0	0	0.00	2.94	0
9970095	9970094	9.06	1 1-	2 ACSR 6/1	0	0	603	160	3	0	0	0.00	2.94	0
9870101	9870100	8.31	5 1-	2 ACSR 6/1	0	0	681	165	22	2	2	0.00	2.87	0
9870102	9870101	8.36	4 1-	2 ACSR 6/1	0	0	675	165	14	1	1	0.00	2.87	0
9860068	9870102	8.47	1 1-	2 ACSR 6/1	0	0	662	164	3	0	0	0.00	2.87	0
9860061	9870102	8.39	2 1-	2 ACSR 6/1	0	0	672	164	4	0	0	0.00	2.87	0
9860062	9860061	8.49	1 1-	2 ACSR 6/1	0	0	660	164	3	0	0	0.00	2.87	0
9870098	9870117	8.20	2 1-	2 ACSR 6/1	0	0	693	166	4	0	0	0.00	2.83	0
9870099	9870098	8.31	1 1-	2 ACSR 6/1	0	0	681	165	2	0	0	0.00	2.83	0
9870126	9870160	7.87	2 1-	2 ACSR 6/1	0	0	734	168	20	2	1	0.00	2.74	0
9870164	9870126	7.93	1 1-	2 ACSR 6/1	0	0	727	168	11	1	1	0.00	2.74	0
9870163	9870162	7.76	3 1-	2 ACSR 6/1	0	0	749	169	23	2	2	0.00	2.70	0
9870159	9870163	7.91	2 1-	2 ACSR 6/1	0	0	729	168	17	2	1	0.00	2.71	0
9870161	9870156	7.74	1 1-	2 ACSR 6/1	0	0	752	169	3	0	0	0.00	2.67	0
9870155	9870154	7.70	2 1-	2 ACSR 6/1	0	0	758	169	17	2	1	0.00	3.47	0
9970066	9970067	7.10	27 1-	2 ACSR 6/1	0	0	836	172	146	18	10	0.02	1.34	2
9970059	9970066	7.13	26 1-	2 ACSR 6/1	0	0	832	172	145	18	10	0.01	1.35	1
9970060	9970059	7.15	26 1-	2 ACSR 6/1	0	0	828	172	145	18	10	0.01	1.36	1
9970061	9970060	7.27	24 1-	2 ACSR 6/1	0	0	808	171	138	17	10	0.06	1.42	7
9970062	9970061	7.34	22 1-	2 ACSR 6/1	0	0	798	171	124	15	9	0.03	1.45	3
9970063	9970062	7.36	20 1-	2 ACSR 6/1	0	0	795	170	106	13	8	0.01	1.46	0
9970086	9970063	7.40	19 1-	2 ACSR 6/1	0	0	789	170	104	13	7	0.02	1.48	1
9970088	9970086	7.44	17 1-	2 ACSR 6/1	0	0	783	170	88	11	6	0.01	1.49	0
9970090	9970088	7.50	15 1-	2 ACSR 6/1	0	0	773	169	73	9	5	0.02	1.50	0
9970091	9970090	7.55	4 1-	2 ACSR 6/1	0	0	766	169	16	2	1	0.00	1.50	0
9970089	9970090	7.54	9 1-	2 ACSR 6/1	0	0	768	169	45	5	3	0.01	1.51	0
9970099	9970089	7.57	8 1-	2 ACSR 6/1	0	0	763	169	45	5	3	0.00	1.51	0
9970100	9970099	7.61	3 1-	2 ACSR 6/1	0	0	758	169	21	2	2	0.00	1.52	0
9970101	9970100	7.64	3 1-	2 ACSR 6/1	0	0	754	168	21	2	2	0.00	1.52	0
9970114	9970086	7.50	2 1-	2 ACSR 6/1	0	0	774	169	16	2	1	0.01	1.48	0
9980018	9970114	7.54	1 1-	2 ACSR 6/1	0	0	768	169	13	1	1	0.00	1.48	0
9980026	9980018	7.58	1 1-	2 ACSR 6/1	0	0	763	169	13	1	1	0.00	1.48	0
9970087	9970061	7.34	2 1-	2 ACSR 6/1	0	0	799	171	14	1	1	0.00	1.43	0
9970110	9970087	7.48	1 1-	2 ACSR 6/1	0	0	776	170	7	0	0	0.00	1.43	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15070027	15070030	6.88	13 1-	2 ACSR 6/1	0	0	867	173	87	11	6	0.02	3.46	2
15070045	15070027	6.91	4 1-	2 ACSR 6/1	0	0	862	173	31	4	2	0.00	3.46	0
15070046	15070045	6.95	3 1-	2 ACSR 6/1	0	0	856	173	19	2	1	0.00	3.46	0
15070026	15070046	6.99	1 1-	2 ACSR 6/1	0	0	849	173	10	1	1	0.00	3.46	0
15070029	15070046	7.01	2 1-	2 ACSR 6/1	0	0	845	172	9	1	1	0.00	3.46	0
15070028	15070027	7.06	7 1-	2 ACSR 6/1	0	0	837	172	47	6	3	0.03	3.49	1
9980019	15070028	7.12	7 1-	2 ACSR 6/1	0	0	826	172	47	6	3	0.01	3.50	0
9980021	9980019	7.18	5 1-	2 ACSR 6/1	0	0	817	171	27	3	2	0.01	3.50	0
9980023	9980021	7.24	2 1-	2 ACSR 6/1	0	0	807	171	13	1	1	0.00	3.50	0
9980022	9980021	7.24	2 1-	2 ACSR 6/1	0	0	807	171	8	1	1	0.00	3.50	0
9980020	9980022	7.34	2 1-	2 ACSR 6/1	0	0	791	170	8	1	1	0.00	3.51	0
9980017	9980019	7.17	1 1-	2 ACSR 6/1	0	0	818	171	11	1	1	0.00	3.50	0
9980007	15070028	7.12	0 1-	2 ACSR 6/1	0	0	826	172	0	0	0	0.00	3.49	0
15270036	15270050	5.36	4 1-	2 ACSR 6/1	0	0	1063	177	34	4	2	0.02	0.99	0
15280015	15270036	5.44	3 1-	2 ACSR 6/1	0	0	1041	176	25	3	2	0.01	1.00	0
15280016	15280015	5.55	3 1-	2 ACSR 6/1	0	0	1014	175	25	3	2	0.01	1.00	0
15280017	15280016	5.77	2 1-	2 ACSR 6/1	0	0	962	174	10	1	1	0.01	1.01	0
15280018	15280017	5.91	1 1-	2 ACSR 6/1	0	0	931	173	8	1	1	0.00	1.02	0
15280025	15280018	5.95	1 1-	2 ACSR 6/1	0	0	922	172	8	1	1	0.00	1.02	0
15280026	15280025	5.99	1 1-	2 ACSR 6/1	0	0	914	172	8	1	1	0.00	1.02	0
15280019	15280026	6.16	1 1-	2 ACSR 6/1	0	0	881	171	8	1	1	0.00	1.02	0
15280011	15280026	6.07	0 1-	2 ACSR 6/1	0	0	898	171	0	0	0	0.00	1.02	0
20851539	15270049	5.04	5 1-	2 ACSR 6/1	0	0	1136	178	25	3	2	0.00	2.92	0
15270048	15270047	5.00	1 1-	2 ACSR 6/1	0	0	1122	178	2	0	0	0.00	0.87	0
15270029	15270028	4.76	1 1-	2 ACSR 6/1	0	0	1188	179	6	0	0	0.00	1.94	0
15270032	CAP148	4.59	1 1-	2 ACSR 6/1	0	0	1223	179	8	0	1	0.00	1.89	0
20850585	15370033	4.20	1 1-	2 ACSR 6/1	0	0	1310	180	6	0	0	0.00	2.62	0
15270024	15370033	4.12	8 1-	2 ACSR 6/1	0	0	1342	181	35	4	2	0.01	2.63	0
D15-27-P038	15270024	4.12	8 1-	REC-70-L	0	0	1342	181	35	4	6	0.00	2.63	0
15270019	D15-27-P038	4.43	8 1-	2 ACSR 6/1	0	0	1223	178	35	4	2	0.04	2.67	1
15270025	15270019	4.50	1 1-	2 ACSR 6/1	0	0	1196	178	6	0	0	0.00	2.67	0
15270020	15270019	4.46	7 1-	2 ACSR 6/1	0	0	1211	178	29	3	2	0.00	2.67	0
15270027	15270020	4.54	1 1-	2 ACSR 6/1	0	0	1185	177	3	0	0	0.00	2.67	0
15270026	15270020	4.59	1 1-	2 ACSR 6/1	0	0	1165	177	4	0	0	0.00	2.67	0
15270021	15270020	4.62	5 1-	2 ACSR 6/1	0	0	1158	177	22	2	2	0.01	2.68	0
15270030	15270021	4.67	1 1-	2 ACSR 6/1	0	0	1142	177	3	0	0	0.00	2.69	0
15270022	15270021	5.10	4 1-	2 ACSR 6/1	0	0	1017	173	19	2	1	0.03	2.72	0
15260009	15270022	5.19	1 1-	2 ACSR 6/1	0	0	996	173	9	1	1	0.00	2.72	0
15260006	15270022	5.39	3 1-	2 ACSR 6/1	0	0	947	171	10	1	1	0.01	2.73	0
15260008	15260006	5.55	3 1-	2 ACSR 6/1	0	0	912	170	10	1	1	0.01	2.74	0
15260010	15260008	5.63	2 1-	2 ACSR 6/1	0	0	895	170	3	0	0	0.00	2.74	0
15260011	15260008	5.72	1 1-	2 ACSR 6/1	0	0	876	169	7	0	1	0.00	2.74	0
15160025	15260011	5.86	0 1-	2 ACSR 6/1	0	0	851	168	0	0	0	0.00	2.74	0
15-16-P033-B	15160025	5.86	0 1-	Open	0	0	851	168	0	0	0	0.00	2.74	0
15260007	15260006	5.46	0 1-	2 ACSR 6/1	0	0	932	171	0	0	0	0.00	2.73	0
20850358	20850357	3.69	4 1-	2 ACSR 6/1	0	0	1435	181	19	2	1	0.01	0.55	0
20850382	20850358	3.75	2 1-	2 ACSR 6/1	0	0	1407	181	14	1	1	0.00	0.55	0
20850381	20850358	3.76	1 1-	2 ACSR 6/1	0	0	1401	180	5	0	0	0.00	0.55	0
15360038	15360037	2.21	137 3-	1/0 CU	2717	2527	2096	185	623	26	9	0.02	1.03	23
15360039	15360038	2.25	2 1-	2 ACSR 6/1	0	0	2062	185	13	1	1	0.00	1.44	0
15360052	15360039	2.30	1 1-	2 ACSR 6/1	0	0	2010	184	4	0	0	0.00	1.44	0
15360024	15360038	2.25	135 3-	1/0 CU	2686	2495	2066	185	610	26	9	0.01	1.05	7

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
D15-36-P014	15360024	2.25	135 3-	REC-100-L	2686	2495	2066	185	610	26	26	0.00	1.05	0
15360025	D15-36-P014	2.31	135 3-	1/0 CU	2643	2453	2027	185	610	26	9	0.01	1.06	10
15460020	15360025	2.39	3 1-	2 ACSR 6/1	0	0	1954	184	21	2	1	0.01	1.46	0
15460021	15460020	2.48	2 1-	2 ACSR 6/1	0	0	1874	183	15	1	1	0.00	1.46	0
15460019	15360025	2.35	131 3-	1/0 CU	2607	2418	1994	185	580	24	8	0.01	1.07	8
15460025	15460019	2.50	127 3-	1/0 CU	2502	2315	1898	184	565	24	8	0.02	1.11	25
15460028	15460025	2.63	125 3-	1/0 CU	2416	2231	1821	184	550	23	8	0.01	1.14	20
15460030	15460028	2.82	122 3-	1/0 CU	2295	2114	1715	183	529	22	7	0.02	1.18	29
15460031	15460030	2.98	121 3-	1/0 CU	2208	2029	1640	182	528	22	7	0.02	1.22	22
15460037	15460031	3.01	31 1-	2 ACSR 6/1	0	0	1623	182	146	18	10	0.01	1.54	2
D15-46-P011	15460037	3.01	29 1-	REC-50-H	0	0	1623	182	140	17	36	0.00	1.54	0
15460032	D15-46-P011	3.20	29 1-	2 ACSR 6/1	0	0	1512	181	140	17	10	0.10	1.64	11
15460022	15460032	3.38	29 1-	2 ACSR 6/1	0	0	1418	179	140	17	10	0.09	1.73	10
15560027	15460022	3.62	28 1-	2 ACSR 6/1	0	0	1308	177	138	17	10	0.12	1.85	13
15560035	15560027	3.67	1 1-	2 ACSR 6/1	0	0	1284	177	5	0	0	0.00	1.85	0
15560033	15560027	3.69	26 1-	2 ACSR 6/1	0	0	1278	177	129	16	9	0.03	1.89	3
15560034	15560033	3.81	25 1-	2 ACSR 6/1	0	0	1230	176	126	16	9	0.06	1.94	5
15560028	15560034	4.31	23 1-	2 ACSR 6/1	0	0	1062	172	121	15	9	0.23	2.17	21
15550015	15560028	4.36	1 1-	2 ACSR 6/1	0	0	1049	172	10	1	1	0.00	2.17	0
15550020	15560028	4.45	1 1-	2 ACSR 6/1	0	0	1024	171	3	0	0	0.00	2.17	0
15550006	15560028	4.60	21 1-	2 ACSR 6/1	0	0	985	170	108	13	8	0.11	2.28	10
15550010	15550006	4.89	19 1-	2 ACSR 6/1	0	0	917	168	101	12	7	0.11	2.39	8
15550014	15550010	4.95	0 1-	2 ACSR 6/1	0	0	903	168	0	0	0	0.00	2.39	0
15550013	15550010	4.93	17 1-	2 ACSR 6/1	0	0	908	168	87	11	6	0.01	2.40	0
15550018	15550013	5.02	16 1-	2 ACSR 6/1	0	0	889	167	79	10	6	0.02	2.42	1
15550019	15550018	5.05	15 1-	2 ACSR 6/1	0	0	882	167	70	8	5	0.01	2.43	0
15550012	15550019	5.12	14 1-	2 ACSR 6/1	0	0	869	167	61	7	4	0.01	2.45	0
15540088	15550012	5.19	12 1-	2 ACSR 6/1	0	0	855	166	54	6	4	0.01	2.46	0
15540089	15540088	5.29	10 1-	2 ACSR 6/1	0	0	836	166	46	5	3	0.02	2.48	0
15540087	15540089	5.43	9 1-	2 ACSR 6/1	0	0	811	165	38	4	3	0.02	2.50	0
15540082	15540087	5.49	1 1-	2 ACSR 6/1	0	0	800	164	2	0	0	0.00	2.50	0
15540081	15540087	5.49	8 1-	2 ACSR 6/1	0	0	800	164	36	4	3	0.01	2.50	0
15540086	15540081	5.58	7 1-	2 ACSR 6/1	0	0	785	164	29	3	2	0.01	2.51	0
15440007	15540086	5.69	4 1-	2 ACSR 6/1	0	0	768	163	26	3	2	0.01	2.52	0
D15-44-P046	15440007	5.69	3 1-	FUS	0	0	768	163	17	2	50	0.00	2.52	0
15440005	D15-44-P046	6.00	3 1-	2 ACSR 6/1	0	0	722	161	17	2	1	0.01	2.54	0
15440006	15440005	6.05	1 1-	2 ACSR 6/1	0	0	715	161	8	0	1	0.00	2.54	0
15540083	15550012	5.20	2 1-	2 ACSR 6/1	0	0	853	166	7	0	1	0.00	2.45	0
15540084	15540083	5.26	0 1-	2 ACSR 6/1	0	0	841	166	0	0	0	0.00	2.45	0
15540054	15540083	5.24	1 1-	2 ACSR 6/1	0	0	845	166	5	0	0	0.00	2.45	0
15540066	15540054	5.28	0 1-	2 ACSR 6/1	0	0	837	166	0	0	0	0.00	2.45	0
15540085	15540054	5.31	1 1-	2 ACSR 6/1	0	0	833	165	5	0	0	0.00	2.45	0
15550011	15550010	5.02	1 1-	2 ACSR 6/1	0	0	889	167	11	1	1	0.00	2.39	0
15550007	15550006	4.62	2 1-	2 ACSR 6/1	0	0	980	170	7	0	0	0.00	2.28	0
15550009	15550007	4.67	2 1-	15 KV 2 URD XLP	0	0	971	371	7	0	1	0.00	2.28	0
15460041	15460037	3.04	2 1-	2 ACSR 6/1	0	0	1604	182	6	0	0	0.00	1.54	0
15460038	15460041	3.09	1 1-	2 ACSR 6/1	0	0	1575	181	3	0	0	0.00	1.54	0
15460018	15460031	3.15	89 3-	1/0 CU	2116	1941	1562	182	375	16	5	-0.03	1.25	19
15460035	15460018	3.37	89 3-	1/0 CU	2013	1841	1475	181	375	16	5	-0.03	1.28	23
15460039	15460035	3.59	0 1-	2 ACSR 6/1	0	0	1366	179	0	0	0	0.00	1.46	0
15460036	15460035	3.54	89 3-	1/0 CU	1937	1769	1412	180	374	16	5	-0.03	1.31	18
15560029	15460036	3.64	0 1-	2 ACSR 6/1	0	0	1367	179	0	0	0	0.00	2.16	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
15560017	15460036	3.62	89 3-	1/0 CU	1903	1736	1384	180	374	16	5	-0.01	1.33	9
15560036	15560017	3.70	83 3-	1/0 CU	1872	1707	1359	179	346	14	5	-0.02	1.34	8
D15-56-P015	15560036	3.70	1 1-	FUS-30	0	0	1359	179	5	0	2	0.00	1.41	0
15560041	D15-56-P015	4.04	1 1-	2 ACSR 6/1	0	0	1222	177	5	0	0	0.00	1.41	0
15560037	15560036	3.76	81 3-	1/0 CU	1849	1686	1340	179	339	14	5	-0.01	1.35	6
15560042	15560037	3.86	80 3-	1/0 CU	1811	1649	1309	179	337	14	5	-0.02	1.36	10
15570068	15560042	3.99	79 3-	1/0 CU	1762	1603	1270	178	326	13	5	-0.03	1.38	14
15570051	15570068	4.13	78 3-	1/0 CU	1714	1558	1232	178	321	13	5	-0.03	1.40	14
15570052	15570051	4.15	71 1-	2 ACSR 6/1	0	0	1223	178	263	33	19	0.02	2.50	5
D15-57-P043	15570052	4.15	69 1-	REC-70-4H	0	0	1223	178	256	33	47	0.00	2.50	0
15570054	D15-57-P043	4.24	69 1-	2 ACSR 6/1	0	0	1193	177	256	33	18	0.08	2.58	16
15570055	15570054	4.44	68 1-	2 ACSR 6/1	0	0	1127	176	248	32	18	0.19	2.76	36
15560018	15570055	4.54	68 1-	2 ACSR 6/1	0	0	1097	175	248	32	18	0.09	2.85	17
15560024	15560018	4.79	64 1-	2 ACSR 6/1	0	0	1025	173	230	29	17	0.22	3.07	39
15560025	15560024	4.94	62 1-	2 ACSR 6/1	0	0	987	172	226	29	16	0.13	3.20	23
15560026	15560025	4.99	1 1-	2 ACSR 6/1	0	0	974	172	5	0	0	0.00	3.20	0
15560022	15560025	5.01	61 1-	2 ACSR 6/1	0	0	970	171	221	28	16	0.06	3.26	10
15560021	15560022	5.38	61 1-	2 ACSR 6/1	0	0	888	169	221	28	16	0.31	3.56	54
20851319	15560021	5.46	2 1-	2 ACSR 6/1	0	0	872	168	7	0	1	0.00	3.56	0
15660017	15560021	5.44	59 1-	2 ACSR 6/1	0	0	876	168	213	27	15	0.05	3.61	8
20851329	15660017	5.53	58 1-	2 ACSR 6/1	0	0	858	168	211	27	15	0.07	3.68	12
20851517	20851329	5.68	56 1-	2 ACSR 6/1	0	0	831	167	192	25	14	0.11	3.79	16
20851523	20851517	5.74	8 1-	2 ACSR 6/1	0	0	820	166	24	3	2	0.01	3.79	0
20851421	20851523	5.80	1 1-	2 ACSR 6/1	0	0	811	166	5	0	0	0.00	3.79	0
20851422	20851421	5.86	0 1-	2 ACSR 6/1	0	0	801	166	0	0	0	0.00	3.79	0
20851420	20851523	5.94	5 1-	2 ACSR 6/1	0	0	787	165	15	2	1	0.01	3.81	0
20851352	20851420	6.04	3 1-	2 ACSR 6/1	0	0	771	164	11	1	1	0.00	3.81	0
20851423	20851352	6.11	2 1-	2 ACSR 6/1	0	0	760	164	9	1	1	0.00	3.81	0
D15-66-P016	20851423	6.11	1 1-	FUS-20	0	0	760	164	3	0	2	0.00	3.81	0
15660014	D15-66-P016	6.25	1 1-	2 ACSR 6/1	0	0	740	163	3	0	0	0.00	3.81	0
20851547	15660014	6.44	1 1-	2 ACSR 6/1	0	0	713	162	3	0	0	0.00	3.81	0
20851548	20851547	6.49	0 1-	2 ACSR 6/1	0	0	707	161	0	0	0	0.00	3.81	0
20851353	15660014	6.45	0 1-	2 ACSR 6/1	0	0	712	162	0	0	0	0.00	3.81	0
20851351	20851420	6.00	2 1-	2 ACSR 6/1	0	0	777	165	4	0	0	0.00	3.81	0
15660015	20851517	5.83	48 1-	2 ACSR 6/1	0	0	804	166	168	21	12	0.10	3.89	13
20851419	15660015	5.90	1 1-	2 ACSR 6/1	0	0	794	165	1	0	0	0.00	3.89	0
15660019	15660015	5.90	1 1-	2 ACSR 6/1	0	0	793	165	5	0	0	0.00	3.89	0
15660016	15660015	5.94	46 1-	2 ACSR 6/1	0	0	787	165	162	21	12	0.06	3.95	8
15660018	15660016	6.12	45 1-	2 ACSR 6/1	0	0	758	164	158	20	11	0.11	4.06	14
20851418	15660018	6.23	2 1-	2 ACSR 6/1	0	0	742	163	7	0	0	0.00	4.06	0
15660020	20851418	6.27	1 1-	2 ACSR 6/1	0	0	737	163	3	0	0	0.00	4.06	0
20851331	15660018	6.22	43 1-	2 ACSR 6/1	0	0	744	163	152	19	11	0.05	4.12	7
20851332	20851331	6.29	42 1-	2 ACSR 6/1	0	0	734	163	149	19	11	0.04	4.15	5
20851196	20851332	6.33	1 1-	2 ACSR 6/1	0	0	728	162	2	0	0	0.00	4.15	0
20851195	20851332	6.61	40 1-	2 ACSR 6/1	0	0	692	161	147	19	11	0.18	4.33	21
20851142	20851195	6.71	2 1-	2 ACSR 6/1	0	0	679	160	14	1	1	0.00	4.33	0
15650003	20851195	6.88	38 1-	2 ACSR 6/1	0	0	659	159	132	17	10	0.14	4.47	15
15750007	15650003	6.96	2 1-	2 ACSR 6/1	0	0	650	158	10	1	1	0.00	4.47	0
15750002	15650003	7.13	36 1-	2 ACSR 6/1	0	0	631	157	122	15	9	0.12	4.58	11
15750006	15750002	7.16	1 1-	2 ACSR 6/1	0	0	628	157	4	0	0	0.00	4.58	0
15750004	15750002	7.20	35 1-	2 ACSR 6/1	0	0	623	157	118	15	9	0.03	4.62	3
15750005	15750004	7.63	34 1-	2 ACSR 6/1	0	0	582	154	117	15	9	0.19	4.80	18

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15750008	15750005	7.67	32 1-	2 ACSR 6/1	0	0	579	154	114	14	8	0.02	4.82	2
15750009	15750008	7.71	2 1-	2 ACSR 6/1	0	0	575	154	9	1	1	0.00	4.82	0
15750003	15750008	7.88	30 1-	2 ACSR 6/1	0	0	560	153	106	13	8	0.08	4.90	7
15740003	15750003	7.91	29 1-	2 ACSR 6/1	0	0	558	153	96	12	7	0.01	4.91	0
15740005	15740003	8.22	27 1-	2 ACSR 6/1	0	0	534	151	93	12	7	0.11	5.02	8
15740006	15740005	8.29	26 1-	2 ACSR 6/1	0	0	528	150	91	12	7	0.03	5.04	2
15740004	15740006	8.35	1 1-	2 ACSR 6/1	0	0	524	150	2	0	0	0.00	5.04	0
15740015	15740006	8.37	25 1-	2 ACSR 6/1	0	0	522	150	89	11	7	0.03	5.07	2
15740016	15740015	8.43	24 1-	2 ACSR 6/1	0	0	518	150	85	11	6	0.02	5.09	1
15740014	15740016	8.50	22 1-	2 ACSR 6/1	0	0	513	149	77	10	6	0.02	5.11	1
D15-74-P013	15740014	8.50	1 1-	FUS-25	0	0	513	149	7	0	4	0.00	5.11	0
15740024	D15-74-P013	8.61	1 1-	2 ACSR 6/1	0	0	505	149	7	0	1	0.00	5.11	0
15740019	15740014	8.56	3 1-	2 ACSR 6/1	0	0	509	149	10	1	1	0.00	5.11	0
15740007	15740019	8.63	1 1-	2 ACSR 6/1	0	0	503	149	5	0	0	0.00	5.11	0
15740013	15740014	8.63	16 1-	2 ACSR 6/1	0	0	504	149	53	6	4	0.02	5.13	0
15740022	15740013	8.73	5 1-	2 ACSR 6/1	0	0	497	148	19	2	1	0.01	5.14	0
15740018	15740022	8.90	1 1-	2 ACSR 6/1	0	0	486	147	6	0	0	0.00	5.14	0
15740017	15740022	8.81	1 1-	2 ACSR 6/1	0	0	492	148	5	0	0	0.00	5.14	0
15740008	15740013	8.72	9 1-	2 ACSR 6/1	0	0	498	148	28	3	2	0.01	5.14	0
15740020	15740008	8.76	2 1-	2 ACSR 6/1	0	0	495	148	7	0	1	0.00	5.14	0
15740021	15740020	8.79	1 1-	2 ACSR 6/1	0	0	493	148	7	0	0	0.00	5.14	0
15740011	15740008	8.88	6 1-	2 ACSR 6/1	0	0	487	147	19	2	1	0.01	5.15	0
15740012	15740011	8.94	1 1-	2 ACSR 6/1	0	0	483	147	11	1	1	0.00	5.15	0
15740009	15740012	9.02	0 1-	2 ACSR 6/1	0	0	479	146	0	0	0	0.00	5.15	0
15740010	15740011	8.99	3 1-	2 ACSR 6/1	0	0	480	147	4	0	0	0.00	5.15	0
15740002	15740010	9.03	1 1-	2 ACSR 6/1	0	0	478	146	1	0	0	0.00	5.15	0
15750010	15750005	7.71	1 1-	2 ACSR 6/1	0	0	575	154	1	0	0	0.00	4.80	0
20851194	20851332	6.35	1 1-	2 ACSR 6/1	0	0	725	162	1	0	0	0.00	4.15	0
20851330	15660016	5.97	1 1-	2 ACSR 6/1	0	0	782	165	3	0	0	0.00	3.95	0
20851328	15660017	5.48	1 1-	2 ACSR 6/1	0	0	868	168	1	0	0	0.00	3.61	0
15660019	15660018	4.56	3 1-	2 ACSR 6/1	0	0	1091	175	7	0	1	0.00	2.85	0
15660020	15660019	4.63	3 1-	2 ACSR 6/1	0	0	1068	174	7	0	1	0.00	2.86	0
15660023	15660020	4.71	2 1-	2 ACSR 6/1	0	0	1047	174	4	0	0	0.00	2.86	0
15570053	15570052	4.20	1 1-	2 ACSR 6/1	0	0	1206	177	3	0	0	0.00	2.50	0
15570041	15570051	4.20	7 3-	1/0 CU	1691	1535	1213	178	58	2	1	0.00	1.40	0
15570042	15570041	4.22	7 3-	1/0 CU	1686	1531	1209	178	58	2	1	0.00	1.40	0
15570056	15570042	4.27	2 1-	2 ACSR 6/1	0	0	1191	177	18	2	1	0.00	2.48	0
15570043	15570042	4.51	5 3-	1/0 CU	1595	1446	1138	176	40	1	1	0.02	1.41	0
15570069	15570043	4.56	2 1-	2 ACSR 6/1	0	0	1122	176	23	2	2	0.00	1.33	0
15570067	15570043	4.57	1 1-	2 ACSR 6/1	0	0	1119	176	9	1	1	0.00	0.42	0
15570066	15570067	4.62	1 1-	2 ACSR 6/1	0	0	1103	176	9	1	1	0.00	0.42	0
15570044	15570043	4.59	2 3-	1/0 CU	1571	1423	1118	176	7	0	0	0.00	1.41	0
15570045	15570044	4.68	1 3-	1/0 CU	1546	1399	1099	176	3	0	0	0.00	1.41	0
15570046	15570045	4.80	0 1-	2 ACSR 6/1	0	0	1066	175	0	0	0	0.00	2.48	0
15570033	15570045	4.79	1 3-	1/0 CU	1518	1373	1077	175	3	0	0	0.00	1.41	0
15570048	15570033	4.89	0 3-	1/0 CU	1492	1349	1057	175	0	0	0	0.00	1.41	0
15570057	15570048	4.94	0 3-	1/0 CU	1479	1337	1048	175	0	0	0	0.00	1.41	0
15-57-P022-B	15570057	4.94	0 3-	Open	1479	1337	1048	175	0	0	0	0.00	1.41	0
15570047	15570033	4.87	1 1-	2 ACSR 6/1	0	0	1056	175	3	0	0	0.00	1.33	0
15560038	15560037	3.81	1 1-	2 ACSR 6/1	0	0	1316	179	2	0	0	0.00	2.28	0
15560031	15560017	3.67	5 1-	2 ACSR 6/1	0	0	1364	179	28	3	2	0.00	1.43	0
15560032	15560031	3.69	0 1-	2 ACSR 6/1	0	0	1355	179	0	0	0	0.00	1.43	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15560039	15560031	3.69	3 1-	2 ACSR 6/1	0	0	1352	179	17	2	1	0.00	1.43	0
15560040	15560039	3.77	2 1-	2 ACSR 6/1	0	0	1318	179	12	1	1	0.00	1.43	0
15560030	15560017	3.66	1 1-	2 ACSR 6/1	0	0	1366	179	0	0	0	0.00	2.21	0
15460033	15460018	3.31	0 1-	2 ACSR 6/1	0	0	1476	180	0	0	0	0.00	1.95	0
15460034	15460033	3.35	0 1-	2 ACSR 6/1	0	0	1453	180	0	0	0	0.00	1.95	0
15460029	15460028	2.69	1 1-	2 ACSR 6/1	0	0	1779	183	3	0	0	0.00	1.64	0
15460026	15460025	2.55	2 1-	2 ACSR 6/1	0	0	1858	184	15	1	1	0.00	1.48	0
15460027	15460026	2.60	1 1-	2 ACSR 6/1	0	0	1817	183	9	1	1	0.00	1.48	0
15460024	15460019	2.39	1 1-	2 ACSR 6/1	0	0	1966	184	10	1	1	0.00	1.46	0
15460023	15460019	2.48	1 1-	2 ACSR 6/1	0	0	1886	184	1	0	0	0.00	1.46	0
15360033	15360032	1.94	3 1-	2 ACSR 6/1	0	0	2281	186	19	2	1	0.00	1.16	0
15360035	15360033	1.98	1 1-	2 ACSR 6/1	0	0	2228	185	8	1	1	0.00	1.16	0
15360034	15360033	1.99	1 1-	2 ACSR 6/1	0	0	2222	185	9	1	1	0.00	1.16	0
15360029	15350028	1.79	1 1-	2 ACSR 6/1	0	0	2328	185	4	0	0	0.00	0.97	0
15360028	15350028	1.65	2 1-	2 ACSR 6/1	0	0	2500	186	4	0	0	0.00	1.11	0
20850354	20850353	1.46	1 1-	2 ACSR 6/1	0	0	2692	187	3	0	0	0.00	0.85	0
15350039	15350044	1.26	0 1-	2 ACSR 6/1	0	0	2783	186	0	0	0	0.00	0.61	0
15350040	15350039	1.46	0 1-	2 ACSR 6/1	0	0	2462	185	0	0	0	0.00	0.61	0
15350036	15350034	0.49	4 1-	2 ACSR 6/1	0	0	4208	189	10	1	1	0.00	0.13	0
15350037	15350036	0.54	3 1-	2 ACSR 6/1	0	0	4003	188	9	1	1	0.00	0.13	0
15350038	15350037	0.61	2 1-	2 ACSR 6/1	0	0	3790	188	6	0	0	0.00	0.13	0
15350049	15350038	0.67	1 1-	2 ACSR 6/1	0	0	3595	187	0	0	0	0.00	0.13	0
15350035	15350034	0.49	23 1-	2 ACSR 6/1	0	0	4174	189	121	15	9	0.03	0.16	3
D15-35-P012	15350035	0.49	23 1-	REC-35-L	0	0	4174	189	121	15	44	0.00	0.16	0
15350027	D15-35-P012	1.64	23 1-	2 ACSR 6/1	0	0	3678	188	121	15	9	0.07	0.23	6
20850518	15350027	0.71	22 1-	2 ACSR 6/1	0	0	3473	187	116	14	8	0.03	0.25	3
20850520	20850518	0.77	4 1-	2 ACSR 6/1	0	0	3320	187	20	2	1	0.00	0.26	0
20850521	20850520	0.82	3 1-	2 ACSR 6/1	0	0	3187	186	17	2	1	0.00	0.26	0
20850519	20850518	0.84	17 1-	2 ACSR 6/1	0	0	3151	186	87	11	6	0.04	0.29	3
15450004	20850519	0.88	16 1-	2 ACSR 6/1	0	0	3052	186	79	10	6	0.01	0.31	0
15450005	15450004	0.92	13 1-	2 ACSR 6/1	0	0	2964	185	64	8	5	0.01	0.32	0
15450006	15450005	0.96	12 1-	2 ACSR 6/1	0	0	2890	185	56	7	4	0.01	0.32	0
15450007	15450006	1.02	1 1-	2 ACSR 6/1	0	0	2763	185	10	1	1	0.00	0.32	0
15450002	15450006	1.02	11 1-	2 ACSR 6/1	0	0	2756	185	46	5	3	0.01	0.33	0
15450008	15450002	1.09	10 1-	2 ACSR 6/1	0	0	2632	184	40	5	3	0.01	0.34	0
15450012	15450008	1.15	1 1-	2 ACSR 6/1	0	0	2536	184	5	0	0	0.00	0.34	0
15450009	15450008	1.13	8 1-	2 ACSR 6/1	0	0	2563	184	33	4	2	0.00	0.35	0
15450013	15450009	1.18	1 1-	2 ACSR 6/1	0	0	2492	183	8	1	1	0.00	0.35	0
15450011	15450009	1.15	7 1-	2 ACSR 6/1	0	0	2529	184	25	3	2	0.00	0.35	0
15450014	15450011	1.24	5 1-	2 ACSR 6/1	0	0	2404	183	21	2	1	0.01	0.36	0
15450015	15450014	1.27	4 1-	2 ACSR 6/1	0	0	2357	183	20	2	1	0.00	0.36	0
15450016	15450015	1.31	3 1-	2 ACSR 6/1	0	0	2293	182	16	2	1	0.00	0.36	0
15450017	15450016	1.40	2 1-	2 ACSR 6/1	0	0	2183	182	7	0	0	0.00	0.36	0
15450018	15450017	1.51	1 1-	2 ACSR 6/1	0	0	2060	181	6	0	0	0.00	0.36	0
15450003	15450004	0.93	2 1-	2 ACSR 6/1	0	0	2936	185	10	1	1	0.00	0.31	0
15450010	15450003	1.09	1 1-	2 ACSR 6/1	0	0	2639	184	8	1	1	0.00	0.31	0
15450001	20850519	1.03	1 1-	2 ACSR 6/1	0	0	2751	185	8	0	1	0.00	0.30	0
20850355	15350027	0.82	1 1-	2 ACSR 6/1	0	0	3199	186	5	0	0	0.00	0.23	0
15350031	15350030	0.42	6 1-	2 ACSR 6/1	0	0	4332	189	29	3	2	0.01	0.27	0
15350032	15350031	0.51	5 1-	2 ACSR 6/1	0	0	3993	188	26	3	2	0.01	0.27	0
15350033	15350032	0.55	1 1-	2 ACSR 6/1	0	0	3847	188	8	1	1	0.00	0.28	0

CKT 2 total losses: \$5,087

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
SUB 22, CKT 3														
BK2203	ROCKHOLD(22)	0.00	607 3-	BK2203	5666	5746	5966	190	2732	114	31	0.00	0.00	0
15340086	BK2203	0.01	607 3-	336 ACSR 18/1	5626	5699	5896	190	2732	114	22	0.01	0.01	18
15340095	15340086	0.10	607 3-	336 ACSR 18/1	5405	5435	5514	190	2731	114	22	0.06	0.06	104
15340097	15340095	0.16	605 3-	336 ACSR 18/1	5268	5273	5287	190	2721	114	22	0.04	0.10	68
15340188	15340097	0.19	4 1-	2 ACSR 6/1	0	0	5141	190	29	3	2	0.00	0.08	0
15340187	15340188	0.23	3 1-	2 ACSR 6/1	0	0	4935	189	23	2	2	0.00	0.09	0
20851897	15340187	0.32	2 1-	2 ACSR 6/1	0	0	4521	189	16	2	1	0.00	0.09	0
15340098	15340097	0.19	596 3-	336 ACSR 18/1	5197	5189	5171	190	2673	112	21	0.02	0.12	35
15340118	15340098	0.26	594 3-	336 ACSR 18/1	5051	5019	4941	190	2665	111	21	0.05	0.16	75
15340121	15340118	0.34	589 3-	336 ACSR 18/1	4875	4816	4673	189	2653	111	21	0.06	0.21	95
D15-34-P068	15340121	0.34	2 1-	FUS-50	0	0	4673	189	17	2	5	0.00	0.21	0
20851862	D15-34-P068	0.50	2 1-	2 ACSR 6/1	0	0	4075	188	17	2	1	0.01	0.22	0
20851850	20851862	0.52	1 1-	2 ACSR 6/1	0	0	3980	188	13	1	1	0.00	0.22	0
20852042	20851850	0.55	1 1-	2 ACSR 6/1	0	0	3882	188	13	1	1	0.00	0.22	0
15340125	15340121	0.43	1 1-	2 ACSR 6/1	0	0	4312	189	2	0	0	0.00	0.25	0
15340160	15340121	0.46	584 3-	336 ACSR 18/1	4648	4557	4343	189	2625	110	21	0.09	0.28	130
15340192	15340160	0.50	579 3-	336 ACSR 18/1	4579	4481	4247	189	2575	108	20	0.03	0.30	40
15340190	15340192	0.52	578 3-	336 ACSR 18/1	4540	4437	4192	189	2570	107	20	0.02	0.32	23
15340191	15340190	0.55	9 1-	2 ACSR 6/1	0	0	4120	189	23	2	2	0.00	0.38	0
15340193	15340191	0.57	7 1-	2 ACSR 6/1	0	0	4039	189	18	2	1	0.00	0.38	0
15340163	15340190	0.57	561 3-	336 ACSR 18/1	4464	4352	4088	189	2517	105	20	0.03	0.34	44
15340164	15340163	0.65	556 3-	336 ACSR 18/1	4336	4210	3915	189	2498	104	20	0.05	0.38	78
20852043	15340164	0.78	552 3-	336 ACSR 18/1	4138	3994	3660	189	2491	104	20	0.09	0.45	127
20852044	20852043	0.81	551 3-	336 ACSR 18/1	4098	3950	3608	188	2478	104	20	0.02	0.47	28
20852046	20852044	0.82	222 3-	2 ACSR 6/1	4061	3909	3564	188	1100	46	26	0.02	0.49	16
20852047	20852046	0.87	220 3-	2 ACSR 6/1	3947	3784	3431	188	1083	45	25	0.07	0.54	50
D15-44-P050	20852047	0.87	220 3-	REC-100-L	3947	3784	3431	188	1083	45	46	0.00	0.54	0
15440009	D15-44-P050	0.96	220 3-	2 ACSR 6/1	3755	3574	3215	187	1083	45	25	0.12	0.64	86
15440010	15440009	1.00	216 3-	2 ACSR 6/1	3673	3486	3126	187	1056	44	25	0.05	0.68	37
20852237	15440010	1.31	2 1-	2 ACSR 6/1	0	0	2552	185	4	0	0	0.00	0.61	0
15440008	15440010	1.08	213 3-	2 ACSR 6/1	3511	3313	2956	186	1044	44	25	0.11	0.77	74
15340148	15440008	1.11	212 3-	2 ACSR 6/1	3460	3259	2903	186	1040	44	25	0.04	0.80	24
15340081	15340148	1.51	209 3-	2 ACSR 6/1	2800	2577	2265	183	1024	43	24	0.56	1.21	357
15330003	15340081	1.56	207 3-	2 ACSR 6/1	2731	2508	2203	183	1013	43	24	0.07	1.26	44
15330028	15330003	1.64	206 3-	2 ACSR 6/1	2625	2402	2107	182	1012	43	24	0.11	1.35	71
D15-33-P019	15330028	1.64	29 1-	REC-35-L	0	0	2107	182	141	18	51	0.00	1.18	0
15330041	D15-33-P019	1.71	29 1-	2 ACSR 6/1	0	0	2030	181	141	18	10	0.04	1.22	4
15330042	15330041	1.86	25 1-	2 ACSR 6/1	0	0	1883	180	133	16	9	0.07	1.29	8
15330059	15330042	2.32	22 1-	2 ACSR 6/1	0	0	1539	177	118	15	8	0.19	1.49	17
15330062	15330059	2.38	2 1-	2 ACSR 6/1	0	0	1502	176	5	0	0	0.00	1.49	0
15330061	15330059	2.36	0 1-	2 ACSR 6/1	0	0	1509	177	0	0	0	0.00	1.49	0
15330060	15330059	2.45	1 1-	2 ACSR 6/1	0	0	1460	176	11	1	1	0.00	1.49	0
15330035	15330059	2.40	18 1-	2 ACSR 6/1	0	0	1487	176	93	11	7	0.03	1.51	2
15330037	15330035	2.50	15 1-	2 ACSR 6/1	0	0	1434	176	69	8	5	0.02	1.54	1
15330039	15330037	2.56	10 1-	2 ACSR 6/1	0	0	1401	175	53	6	4	0.01	1.55	0
20851901	15330039	2.67	1 1-	2 ACSR 6/1	0	0	1346	174	2	0	0	0.00	1.55	0
15330032	15330039	2.62	7 1-	2 ACSR 6/1	0	0	1371	175	38	4	3	0.01	1.55	0
15330033	15330032	2.68	6 1-	2 ACSR 6/1	0	0	1339	174	32	4	2	0.01	1.56	0
15330034	15330033	2.75	5 1-	2 ACSR 6/1	0	0	1307	174	27	3	2	0.00	1.57	0
15320035	15330034	2.85	2 1-	2 ACSR 6/1	0	0	1262	173	6	0	0	0.00	1.57	0
15330040	15320035	2.96	1 1-	2 ACSR 6/1	0	0	1220	172	3	0	0	0.00	1.57	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851938	15330034	2.80	1 1-	2 ACSR 6/1	0	0	1285	173	5	0	0	0.00	1.57	0
15330038	15330037	2.56	2 1-	2 ACSR 6/1	0	0	1401	175	5	0	0	0.00	1.54	0
15330031	15330035	2.46	2 1-	2 ACSR 6/1	0	0	1451	176	18	2	1	0.00	1.52	0
15330036	15330031	2.52	1 1-	2 ACSR 6/1	0	0	1423	175	11	1	1	0.00	1.52	0
15330056	15330042	1.90	3 1-	2 ACSR 6/1	0	0	1843	180	15	1	1	0.00	1.30	0
15330057	15330056	2.03	1 1-	2 ACSR 6/1	0	0	1737	179	8	1	1	0.00	1.30	0
15330029	15330028	1.68	177 3-	2 ACSR 6/1	2566	2344	2056	182	870	37	21	0.07	1.39	35
15330052	15330029	1.72	1 1-	2 ACSR 6/1	0	0	2013	181	0	0	0	0.00	1.82	0
15330049	15330029	1.76	176 3-	2 ACSR 6/1	2481	2260	1981	181	870	37	21	0.11	1.46	53
15330050	15330049	2.00	175 3-	2 ACSR 6/1	2232	2017	1766	179	866	36	21	0.37	1.67	175
15330051	15330050	2.05	174 3-	2 ACSR 6/1	2184	1971	1725	179	856	36	20	0.08	1.71	37
15330044	15330051	2.12	174 3-	2 ACSR 6/1	2116	1905	1667	178	856	36	20	0.12	1.78	56
15330045	15330044	2.17	173 3-	2 ACSR 6/1	2075	1866	1634	178	852	36	20	0.07	1.82	34
15330046	15330045	2.23	170 3-	2 ACSR 6/1	2030	1823	1596	178	846	36	20	0.08	1.87	39
D15-33-P009	15330046	2.23	1 1-	REC-35-H	0	0	1596	178	7	0	3	0.00	2.65	0
15330030	D15-33-P009	2.27	1 1-	2 ACSR 6/1	0	0	1564	177	7	0	1	0.00	2.65	0
15330048	15330030	2.34	0 1-	2 ACSR 6/1	0	0	1525	177	0	0	0	0.00	2.65	0
15330047	15330030	2.33	1 1-	2 ACSR 6/1	0	0	1532	177	7	0	1	0.00	2.65	0
15330058	15330046	2.33	112 3-	2 ACSR 6/1	1950	1747	1530	177	543	23	13	0.04	1.92	30
15330053	15330058	2.39	111 3-	2 ACSR 6/1	1907	1706	1494	176	534	22	13	0.02	1.96	16
15330054	15330053	2.43	110 3-	2 ACSR 6/1	1877	1678	1470	176	528	22	13	0.02	1.98	12
15330055	15330054	2.60	109 3-	2 ACSR 6/1	1767	1574	1380	175	527	22	13	0.07	2.07	46
15330065	15330055	2.61	2 1-	2 ACSR 6/1	0	0	1373	175	6	0	0	0.00	2.80	0
15330066	15330065	2.63	1 1-	2 ACSR 6/1	0	0	1363	175	6	0	0	0.00	2.80	0
15330063	15330055	2.66	107 3-	2 ACSR 6/1	1733	1541	1351	174	521	22	12	0.02	2.10	15
15330064	15330063	2.85	107 3-	REC-35-H	1621	1438	1262	173	521	22	12	0.07	2.21	53
D15-22-P028	15330064	2.85	60 1-	2 ACSR 6/1	0	0	1262	173	260	33	96	0.00	2.12	0
15220030	D15-22-P028	2.99	60 1-	2 ACSR 6/1	0	0	1207	172	260	33	19	0.13	2.25	26
20852093	15220030	3.04	59 1-	2 ACSR 6/1	0	0	1186	172	258	33	18	0.05	2.30	11
20852094	20852093	3.25	59 1-	2 ACSR 6/1	0	0	1115	170	258	33	18	0.19	2.49	38
20852100	20852094	3.30	58 1-	2 ACSR 6/1	0	0	1098	170	251	32	18	0.05	2.54	9
20851939	20852100	3.32	56 1-	2 ACSR 6/1	0	0	1089	170	244	31	18	0.03	2.56	5
20851940	20851939	3.40	2 1-	2 ACSR 6/1	0	0	1065	169	10	1	1	0.00	2.57	0
15320033	20851939	3.40	54 1-	2 ACSR 6/1	0	0	1066	169	234	30	17	0.07	2.63	12
20851941	15320033	3.52	1 1-	2 ACSR 6/1	0	0	1031	169	6	0	0	0.00	2.63	0
15320034	15320033	3.45	53 1-	2 ACSR 6/1	0	0	1050	169	228	29	16	0.05	2.68	8
20851947	15320034	3.49	52 1-	2 ACSR 6/1	0	0	1038	169	216	27	16	0.03	2.71	6
20851948	20851947	3.53	50 1-	2 ACSR 6/1	0	0	1028	168	210	27	15	0.03	2.73	4
20852101	20851948	3.58	49 1-	2 ACSR 6/1	0	0	1014	168	198	25	14	0.04	2.77	6
20852103	20852101	3.66	2 1-	2 ACSR 6/1	0	0	991	168	5	0	0	0.00	2.77	0
20852104	20852103	3.73	1 1-	2 ACSR 6/1	0	0	973	167	1	0	0	0.00	2.77	0
15320036	20852104	3.79	1 1-	2 ACSR 6/1	0	0	959	167	1	0	0	0.00	2.77	0
15320032	20852104	3.88	0 1-	2 ACSR 6/1	0	0	936	166	0	0	0	0.00	2.77	0
15320041	20852101	3.65	43 1-	2 ACSR 6/1	0	0	995	168	175	22	13	0.05	2.82	6
15320039	15320041	3.70	42 1-	2 ACSR 6/1	0	0	982	167	171	22	12	0.03	2.85	4
15320040	15320039	3.77	7 1-	2 ACSR 6/1	0	0	963	167	39	5	3	0.01	2.86	0
15320038	15320040	3.81	1 1-	2 ACSR 6/1	0	0	953	167	10	1	1	0.00	2.86	0
15320037	15320040	3.84	5 1-	2 ACSR 6/1	0	0	945	166	23	3	2	0.01	2.86	0
20851636	15320037	3.92	3 1-	2 ACSR 6/1	0	0	928	166	14	1	1	0.00	2.86	0
15320046	20851636	3.99	2 1-	2 ACSR 6/1	0	0	912	165	7	0	1	0.00	2.87	0
15320048	15320046	4.04	1 1-	2 ACSR 6/1	0	0	900	165	4	0	0	0.00	2.87	0
15320047	15320046	4.05	1 1-	2 ACSR 6/1	0	0	899	165	4	0	0	0.00	2.87	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
15320042	15320039	3.75	33 1-	2 ACSR 6/1	0	0	969	167	130	16	9	0.03	2.87	3
20851637	15320042	3.83	30 1-	2 ACSR 6/1	0	0	950	166	125	16	9	0.03	2.91	3
20851639	20851637	3.88	2 1-	2 ACSR 6/1	0	0	936	166	4	0	0	0.00	2.91	0
20851725	20851639	3.92	1 1-	2 ACSR 6/1	0	0	926	166	2	0	0	0.00	2.91	0
20851638	20851637	3.90	2 1-	2 ACSR 6/1	0	0	931	166	6	0	0	0.00	2.91	0
20851753	20851638	3.96	1 1-	2 ACSR 6/1	0	0	919	166	3	0	0	0.00	2.91	0
20851726	20851638	3.97	1 1-	2 ACSR 6/1	0	0	915	165	2	0	0	0.00	2.91	0
20851754	20851637	3.92	24 1-	2 ACSR 6/1	0	0	927	166	106	13	8	0.04	2.94	3
20851755	20851754	3.99	23 1-	2 ACSR 6/1	0	0	913	165	104	13	8	0.03	2.97	2
20851756	20851755	4.05	22 1-	2 ACSR 6/1	0	0	898	165	104	13	7	0.03	2.99	2
20851758	20851756	4.12	0 1-	2 ACSR 6/1	0	0	883	165	0	0	0	0.00	2.99	0
20851757	20851756	4.14	22 1-	2 ACSR 6/1	0	0	880	164	104	13	7	0.03	3.03	3
20850772	20851757	4.17	1 1-	2 ACSR 6/1	0	0	872	164	5	0	0	0.00	3.03	0
15420017	20851757	4.19	21 1-	2 ACSR 6/1	0	0	869	164	99	12	7	0.02	3.05	1
15420019	15420017	4.28	18 1-	2 ACSR 6/1	0	0	851	163	94	12	7	0.03	3.08	2
15420021	15420019	4.37	18 1-	2 ACSR 6/1	0	0	833	163	94	12	7	0.03	3.11	2
20850777	15420021	4.40	17 1-	2 ACSR 6/1	0	0	827	163	92	11	7	0.01	3.12	0
20850778	20850777	4.59	15 1-	2 ACSR 6/1	0	0	794	162	87	11	6	0.06	3.18	4
15420027	20850778	4.64	14 1-	2 ACSR 6/1	0	0	785	161	73	9	5	0.01	3.19	0
15420028	15420027	4.70	11 1-	2 ACSR 6/1	0	0	776	161	67	8	5	0.01	3.21	0
20850806	15420028	4.75	9 1-	2 ACSR 6/1	0	0	768	161	61	7	4	0.01	3.21	0
20850916	20850806	4.80	6 1-	2 ACSR 6/1	0	0	760	160	38	4	3	0.01	3.22	0
20851110	20850916	4.86	4 1-	2 ACSR 6/1	0	0	751	160	24	3	2	0.00	3.22	0
20850986	20851110	4.93	1 1-	2 ACSR 6/1	0	0	741	159	10	1	1	0.00	3.23	0
20850917	20850916	4.84	1 1-	2 ACSR 6/1	0	0	754	160	6	0	0	0.00	3.22	0
15420029	15420027	4.71	2 1-	2 ACSR 6/1	0	0	775	161	5	0	0	0.00	3.19	0
15420030	15420029	4.78	1 1-	2 ACSR 6/1	0	0	764	160	5	0	0	0.00	3.19	0
20850776	15420021	4.44	1 1-	2 ACSR 6/1	0	0	820	162	2	0	0	0.00	3.11	0
15420020	15420019	4.36	0 1-	2 ACSR 6/1	0	0	835	163	0	0	0	0.00	3.08	0
15420018	15420017	4.27	3 1-	2 ACSR 6/1	0	0	853	164	5	0	0	0.00	3.05	0
20850774	15420018	4.34	2 1-	2 ACSR 6/1	0	0	840	163	3	0	0	0.00	3.05	0
20850775	20850774	4.41	1 1-	2 ACSR 6/1	0	0	827	163	0	0	0	0.00	3.05	0
20850773	15420018	4.31	1 1-	2 ACSR 6/1	0	0	845	163	2	0	0	0.00	3.05	0
20852102	20852101	3.63	3 1-	2 ACSR 6/1	0	0	1001	168	9	1	1	0.00	2.77	0
20851963	20852102	3.67	2 1-	2 ACSR 6/1	0	0	989	167	4	0	0	0.00	2.77	0
20851962	20852102	3.67	1 1-	2 ACSR 6/1	0	0	990	168	5	0	0	0.00	2.77	0
20851946	15320034	3.51	1 1-	2 ACSR 6/1	0	0	1034	169	11	1	1	0.00	2.68	0
20850599	15330064	2.88	45 3-	2 ACSR 6/1	1607	1425	1250	173	252	10	6	0.01	2.21	2
20850601	20850599	2.94	45 3-	2 ACSR 6/1	1577	1396	1226	172	252	10	6	0.01	2.23	5
20850661	20850601	2.97	1 1-	2 ACSR 6/1	0	0	1216	172	8	1	1	0.00	2.91	0
20850865	20850661	3.00	1 1-	2 ACSR 6/1	0	0	1203	172	8	1	1	0.00	2.91	0
20850600	20850601	3.01	43 3-	2 ACSR 6/1	1541	1363	1197	172	239	10	6	0.01	2.25	6
20850201	20850600	3.10	4 1-	2 ACSR 6/1	0	0	1165	171	31	4	2	0.01	2.93	0
15220034	20850201	3.13	3 1-	2 ACSR 6/1	0	0	1156	171	21	2	1	0.00	2.94	0
15220035	15220034	3.21	2 1-	2 ACSR 6/1	0	0	1127	171	16	2	1	0.00	2.94	0
15220036	15220035	3.29	1 1-	2 ACSR 6/1	0	0	1101	170	9	1	1	0.00	2.94	0
20850200	20850600	3.13	37 3-	2 ACSR 6/1	1487	1313	1154	171	205	8	5	0.01	2.27	8
20850202	20850200	3.23	2 1-	2 ACSR 6/1	0	0	1119	170	8	1	1	0.00	2.94	0
20850627	20850202	3.30	1 1-	2 ACSR 6/1	0	0	1098	170	6	0	0	0.00	2.94	0
20850628	20850200	3.18	35 3-	2 ACSR 6/1	1464	1292	1136	171	196	8	5	0.00	2.28	3
20850629	20850628	3.28	33 3-	2 ACSR 6/1	1424	1255	1104	170	191	8	5	0.00	2.30	6
20850632	20850629	3.39	30 3-	2 ACSR 6/1	1379	1214	1068	169	181	7	4	0.00	2.32	7

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850633	20850632	3.43	8 1-	2 ACSR 6/1	0	0	1056	169	27	3	2	0.00	2.93	0
20850596	20850633	3.57	4 1-	2 ACSR 6/1	0	0	1017	168	14	1	1	0.01	2.94	0
20850597	20850596	3.59	4 1-	2 ACSR 6/1	0	0	1011	168	14	1	1	0.00	2.94	0
20850690	20850597	3.68	3 1-	2 ACSR 6/1	0	0	986	167	13	1	1	0.00	2.94	0
20850595	20850633	3.50	1 1-	2 ACSR 6/1	0	0	1035	169	6	0	0	0.00	2.93	0
20850631	20850632	3.51	21 3-	2 ACSR 6/1	1335	1173	1033	169	150	6	4	-0.02	2.34	7
D15-22-P017	20850631	3.51	18 1-	REC-35-H	0	0	1033	169	132	16	48	0.00	1.97	0
15220018	D15-22-P017	3.80	18 1-	2 ACSR 6/1	0	0	957	167	132	16	9	0.14	2.11	15
20851898	15220018	3.83	5 1-	2 ACSR 6/1	0	0	948	166	33	4	2	0.00	2.12	0
20851899	20851898	3.85	4 1-	2 ACSR 6/1	0	0	943	166	25	3	2	0.00	2.12	0
20851759	15220018	3.92	13 1-	2 ACSR 6/1	0	0	927	166	98	12	7	0.04	2.16	3
20851905	20851759	4.04	12 1-	2 ACSR 6/1	0	0	901	165	98	12	7	0.04	2.20	3
20851907	20851905	4.17	8 1-	2 ACSR 6/1	0	0	873	164	64	8	5	0.03	2.22	1
20851760	20851907	4.22	6 1-	2 ACSR 6/1	0	0	862	164	41	5	3	0.01	2.23	0
20851761	20851760	4.28	4 1-	2 ACSR 6/1	0	0	850	163	27	3	2	0.00	2.23	0
20851541	20851761	4.30	2 1-	2 ACSR 6/1	0	0	847	163	11	1	1	0.00	2.23	0
20851543	20851541	4.33	1 1-	2 ACSR 6/1	0	0	841	163	5	0	0	0.00	2.23	0
20851544	20851543	4.36	1 1-	2 ACSR 6/1	0	0	835	163	5	0	0	0.00	2.23	0
20851542	20851541	4.35	1 1-	2 ACSR 6/1	0	0	837	163	6	0	0	0.00	2.23	0
20851906	20851905	4.11	1 1-	2 ACSR 6/1	0	0	886	165	5	0	0	0.00	2.20	0
20850902	20850631	3.56	1 1-	2 ACSR 6/1	0	0	1020	168	9	1	1	0.00	2.92	0
15220019	20850631	3.61	2 3-	2 ACSR 6/1	1300	1142	1006	168	9	0	0	0.00	2.34	0
20850598	15220019	3.65	2 1-	2 ACSR 6/1	0	0	993	168	9	1	1	0.00	1.98	0
15220021	15220019	3.62	0 2-	2 ACSR 6/1	0	1137	1002	168	0	0	0	0.00	2.05	0
15-22-P016-B	15220021	3.62	0 2-	Open	0	1137	1002	168	0	0	0	0.00	2.05	0
20850630	20850629	3.36	3 1-	2 ACSR 6/1	0	0	1076	170	10	1	1	0.00	2.94	0
15330027	15330046	2.55	57 3-	2 ACSR 6/1	0	0	1404	175	296	12	7	0.36	1.97	84
15230015	15330027	2.66	56 3-	2 ACSR 6/1	0	0	1351	174	285	12	7	0.11	2.00	25
20850892	15230015	2.70	1 1-	2 ACSR 6/1	0	0	1320	174	1	0	0	0.00	3.12	0
20850765	15230015	2.72	55 3-	2 ACSR 6/1	0	0	1323	174	283	12	7	0.06	2.02	14
20850953	20850765	2.76	54 3-	2 ACSR 6/1	0	0	1302	174	282	12	7	0.05	2.03	11
15230016	20850953	2.88	53 3-	2 ACSR 6/1	0	0	1253	173	274	11	7	0.12	2.06	25
20851098	15230016	3.00	7 1-	2 ACSR 6/1	0	0	1204	172	42	5	3	0.02	3.37	0
20851100	20851098	3.05	4 1-	2 ACSR 6/1	0	0	1185	172	26	3	2	0.00	3.37	0
20851101	20851100	3.07	4 1-	2 ACSR 6/1	0	0	1175	172	26	3	2	0.00	3.37	0
20850955	20851101	3.15	2 1-	2 ACSR 6/1	0	0	1148	171	16	2	1	0.00	3.38	0
15230020	20850955	3.22	1 1-	2 ACSR 6/1	0	0	1122	171	5	0	0	0.00	3.38	0
20851099	20851098	3.16	1 1-	2 ACSR 6/1	0	0	1144	171	3	0	0	0.00	3.37	0
15230070	15230016	2.95	45 3-	2 ACSR 6/1	0	0	1223	172	223	9	5	0.06	2.08	10
20850868	15230070	3.04	15 1-	2 ACSR 6/1	0	0	1188	172	67	8	5	0.02	3.43	1
20850744	20850868	3.09	15 1-	2 ACSR 6/1	0	0	1169	171	67	8	5	0.01	3.44	0
20850745	20850744	3.25	14 1-	2 ACSR 6/1	0	0	1115	170	64	8	5	0.04	3.48	2
20850215	20850745	3.32	10 1-	2 ACSR 6/1	0	0	1090	170	47	6	3	0.01	3.49	0
20850216	20850215	3.41	9 1-	2 ACSR 6/1	0	0	1064	169	46	6	3	0.01	3.51	0
20850217	20850216	3.48	8 1-	2 ACSR 6/1	0	0	1041	169	42	5	3	0.01	3.52	0
20850219	20850217	3.56	7 1-	2 ACSR 6/1	0	0	1019	168	38	4	3	0.01	3.53	0
20850220	20850219	3.66	5 1-	2 ACSR 6/1	0	0	991	168	30	3	2	0.01	3.54	0
20850221	20850220	3.69	5 1-	2 ACSR 6/1	0	0	984	167	30	3	2	0.00	3.54	0
20850222	20850221	3.76	1 1-	2 ACSR 6/1	0	0	967	167	8	1	1	0.00	3.54	0
20850196	20850221	3.73	3 1-	2 ACSR 6/1	0	0	973	167	19	2	1	0.00	3.55	0
20850197	20850196	3.85	1 1-	2 ACSR 6/1	0	0	943	166	13	1	1	0.00	3.55	0
20850218	20850217	3.56	1 1-	2 ACSR 6/1	0	0	1019	168	4	0	0	0.00	3.52	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850214	20850745	3.33	0 1-	2 ACSR 6/1	0	0	1087	170	0	0	0	0.00	3.48	0
20850042	20850745	3.34	3 1-	2 ACSR 6/1	0	0	1086	170	10	1	1	0.00	3.48	0
15220032	20850042	3.37	2 1-	2 ACSR 6/1	0	0	1076	170	8	1	1	0.00	3.48	0
15220033	15220032	3.50	1 1-	2 ACSR 6/1	0	0	1037	169	5	0	0	0.00	3.49	0
15220031	15220032	3.41	1 1-	2 ACSR 6/1	0	0	1064	169	3	0	0	0.00	3.48	0
20850041	20850042	3.38	0 1-	2 ACSR 6/1	0	0	1072	169	0	0	0	0.00	3.48	0
20850867	15230070	3.02	1 1-	2 ACSR 6/1	0	0	1197	172	3	0	0	0.00	3.41	0
20850746	15230070	3.02	27 1-	2 ACSR 6/1	0	0	1194	172	140	18	10	0.04	3.45	4
20850763	20850746	3.14	25 1-	2 ACSR 6/1	0	0	1150	171	137	17	10	0.06	3.51	7
20850905	20850763	3.22	1 1-	2 ACSR 6/1	0	0	1124	171	4	0	0	0.00	3.51	0
15230017	20850763	3.28	24 1-	2 ACSR 6/1	0	0	1105	170	132	17	10	0.07	3.58	7
20850198	15230017	3.44	14 1-	2 ACSR 6/1	0	0	1055	169	83	10	6	0.05	3.62	3
20850199	20850198	3.46	13 1-	2 ACSR 6/1	0	0	1048	169	76	9	6	0.01	3.63	0
15120037	20850199	3.62	11 1-	2 ACSR 6/1	0	0	1003	168	67	8	5	0.04	3.67	2
15120040	15120037	3.67	1 1-	2 ACSR 6/1	0	0	990	168	5	0	0	0.00	3.67	0
15120043	15120037	3.69	1 1-	2 ACSR 6/1	0	0	985	167	8	1	1	0.00	3.67	0
15120025	15120037	3.66	9 1-	2 ACSR 6/1	0	0	991	168	53	6	4	0.01	3.68	0
15120046	15120025	3.69	5 1-	2 ACSR 6/1	0	0	983	167	38	4	3	0.00	3.68	0
15120047	15120046	3.88	4 1-	2 ACSR 6/1	0	0	937	166	34	4	2	0.02	3.71	0
15120048	15120047	3.95	3 1-	2 ACSR 6/1	0	0	921	166	27	3	2	0.01	3.71	0
15120049	15120048	4.03	1 1-	2 ACSR 6/1	0	0	902	165	7	0	1	0.00	3.71	0
15120050	15120048	4.06	1 1-	2 ACSR 6/1	0	0	896	165	10	1	1	0.00	3.71	0
15120051	15120047	4.01	1 1-	2 ACSR 6/1	0	0	906	165	7	0	0	0.00	3.71	0
15120044	15120025	3.70	4 1-	2 ACSR 6/1	0	0	983	167	16	2	1	0.00	3.68	0
15120045	15120044	3.75	3 1-	2 ACSR 6/1	0	0	968	167	13	1	1	0.00	3.68	0
15120039	15120045	3.96	1 1-	2 ACSR 6/1	0	0	919	166	5	0	0	0.00	3.68	0
15230018	15230017	3.35	10 1-	2 ACSR 6/1	0	0	1081	170	49	6	4	0.01	3.59	0
20850903	15230018	3.41	2 1-	2 ACSR 6/1	0	0	1064	169	13	1	1	0.00	3.59	0
20850904	20850903	3.50	0 1-	2 ACSR 6/1	0	0	1036	169	0	0	0	0.00	3.59	0
20850764	15230018	3.42	1 1-	2 ACSR 6/1	0	0	1061	169	3	0	0	0.00	3.59	0
15230019	15230018	3.72	7 1-	2 ACSR 6/1	0	0	976	167	33	4	2	0.05	3.64	1
15130016	15230019	3.82	1 1-	2 ACSR 6/1	0	0	952	167	5	0	0	0.00	3.64	0
15130007	15230019	3.79	6 1-	2 ACSR 6/1	0	0	958	167	28	3	2	0.01	3.64	0
15130008	15130007	4.14	6 1-	2 ACSR 6/1	0	0	879	164	28	3	2	0.04	3.68	0
15130011	15130008	4.24	0 1-	2 ACSR 6/1	0	0	859	164	0	0	0	0.00	3.68	0
15130012	15130008	4.25	6 1-	2 ACSR 6/1	0	0	856	164	28	3	2	0.01	3.69	0
15130013	15130012	4.31	2 1-	2 ACSR 6/1	0	0	846	163	15	2	1	0.00	3.69	0
15130015	15130013	4.45	1 1-	2 ACSR 6/1	0	0	819	162	1	0	0	0.00	3.69	0
15130014	15130013	4.37	1 1-	2 ACSR 6/1	0	0	833	163	15	1	1	0.00	3.69	0
15130010	15130007	3.85	0 1-	2 ACSR 6/1	0	0	944	166	0	0	0	0.00	3.64	0
15130009	15230019	3.78	0 1-	2 ACSR 6/1	0	0	960	167	0	0	0	0.00	3.64	0
20850954	15230016	2.92	1 1-	2 ACSR 6/1	0	0	1234	173	10	1	1	0.00	3.35	0
20851078	20850953	2.84	1 1-	2 ACSR 6/1	0	0	1270	173	8	1	1	0.00	3.23	0
20850893	15330027	2.61	1 1-	2 ACSR 6/1	0	0	1372	175	10	1	1	0.00	3.01	0
15330043	15340081	1.73	2 1-	2 ACSR 6/1	0	0	2009	181	8	1	1	0.00	1.57	0
15340149	15340148	1.14	3 1-	2 ACSR 6/1	0	0	2848	186	15	1	1	0.00	0.69	0
15340150	15340149	1.16	2 1-	2 ACSR 6/1	0	0	2808	186	10	1	1	0.00	0.69	0
15340151	15340150	1.18	1 1-	2 ACSR 6/1	0	0	2761	185	7	0	0	0.00	0.70	0
15340159	15340150	1.18	1 1-	2 ACSR 6/1	0	0	2762	185	3	0	0	0.00	0.70	0
15440003	15440010	1.11	1 1-	2 ACSR 6/1	0	0	2907	186	7	0	1	0.00	0.59	0
15340157	15440003	1.15	1 1-	2 ACSR 6/1	0	0	2815	186	7	0	1	0.00	0.59	0
20852045	20852044	0.85	328 3-	336 ACSR 18/1	4033	3881	3528	188	1366	57	11	0.01	0.48	14

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852230	20852045	1.05	325 3-	336 ACSR 18/1	3779	3609	3220	188	1359	56	11	0.06	0.54	57
20852231	20852230	1.13	323 3-	336 ACSR 18/1	3685	3510	3110	188	1358	56	11	0.02	0.56	23
20852232	20852231	1.17	320 3-	336 ACSR 18/1	3638	3461	3056	188	1345	56	11	0.01	0.57	12
20852233	20852232	1.20	319 3-	336 ACSR 18/1	3605	3427	3018	188	1335	55	11	0.01	0.58	8
20852234	20852233	1.23	318 3-	336 ACSR 18/1	3568	3389	2977	188	1335	55	11	0.01	0.58	9
20852235	20852234	1.37	315 3-	336 ACSR 18/1	3424	3239	2816	187	1316	55	10	0.04	0.62	38
20852236	20852235	1.54	314 3-	336 ACSR 18/1	3259	3070	2639	187	1316	55	10	0.05	0.66	47
20851923	20852236	1.57	313 3-	336 ACSR 18/1	3232	3043	2610	187	1315	55	10	0.01	0.67	8
20851914	20851923	1.60	312 3-	336 ACSR 18/1	3206	3016	2583	187	1309	54	10	0.01	0.68	8
20851912	20851914	1.62	311 3-	336 ACSR 18/1	3184	2994	2560	187	1298	54	10	0.01	0.68	7
20851913	20851912	1.65	311 3-	336 ACSR 18/1	3163	2972	2538	187	1298	54	10	0.01	0.69	6
20851911	20851913	1.80	281 3-	336 ACSR 18/1	3038	2846	2409	186	1163	48	9	0.02	0.72	34
15430007	20851911	1.84	278 3-	336 ACSR 18/1	3001	2809	2372	186	1152	48	9	0.00	0.73	10
CAP149	15430007	1.84	277 3-	Capacitor	0	0	0	0	1151	48	0	0.00	0.73	0
15530056	CAP149	1.91	277 3-	336 ACSR 18/1	2950	2758	2320	186	1151	48	9	0.01	0.75	15
15530063	15530056	1.94	276 3-	336 ACSR 18/1	2928	2735	2298	186	1143	48	9	0.00	0.76	7
D15-53-P057	15530063	1.94	17 1-	FUS-70	0	0	2298	186	81	10	17	0.00	0.82	0
15530031	D15-53-P057	1.99	17 1-	2 ACSR 6/1	0	0	2246	186	81	10	6	0.01	0.83	0
15530042	15530031	2.04	15 1-	2 ACSR 6/1	0	0	2192	185	78	9	6	0.01	0.85	0
15530035	15530042	2.09	14 1-	2 ACSR 6/1	0	0	2129	185	75	9	5	0.02	0.86	0
15530061	15530035	2.19	13 1-	2 ACSR 6/1	0	0	2030	184	66	8	5	0.02	0.89	1
15530062	15530061	2.31	12 1-	2 ACSR 6/1	0	0	1923	183	59	7	4	0.03	0.91	1
15530037	15530062	2.34	10 1-	2 ACSR 6/1	0	0	1893	183	56	7	4	0.01	0.92	0
15530038	15530037	2.49	9 1-	2 ACSR 6/1	0	0	1771	182	48	6	3	0.03	0.94	0
15530059	15530038	2.81	6 1-	2 ACSR 6/1	0	0	1555	179	33	4	2	0.04	0.98	0
15430011	15530059	3.03	1 1-	2 ACSR 6/1	0	0	1434	178	4	0	0	0.00	0.98	0
15430010	15530059	2.96	5 1-	2 ACSR 6/1	0	0	1472	178	29	3	2	0.01	1.00	0
20851668	15430010	3.01	1 1-	2 ACSR 6/1	0	0	1442	178	10	1	1	0.00	1.00	0
20851624	15430010	3.04	2 1-	2 ACSR 6/1	0	0	1429	178	11	1	1	0.00	1.00	0
15530044	15530038	2.57	1 1-	2 ACSR 6/1	0	0	1714	181	3	0	0	0.00	0.94	0
15530043	15530038	2.60	2 1-	2 ACSR 6/1	0	0	1695	181	12	1	1	0.00	0.95	0
15530039	15530043	2.67	1 1-	15 KV 2 URD XLP	0	0	1664	433	6	0	0	0.00	0.95	0
15530036	15530062	2.38	2 1-	2 ACSR 6/1	0	0	1862	183	4	0	0	0.00	0.91	0
15530040	15530031	2.02	1 1-	2 ACSR 6/1	0	0	2205	185	1	0	0	0.00	0.83	0
15530041	15530040	2.11	0 1-	2 ACSR 6/1	0	0	2114	185	0	0	0	0.00	0.83	0
15530054	15530031	2.16	1 1-	2 ACSR 6/1	0	0	2067	184	2	0	0	0.00	0.84	0
15530050	15530063	1.97	259 3-	336 ACSR 18/1	2905	2712	2275	186	1063	45	9	0.00	0.77	6
15530051	15530050	2.14	258 3-	336 ACSR 18/1	2788	2596	2161	186	1057	44	8	0.02	0.81	31
15530052	15530051	2.19	2 1-	2 ACSR 6/1	0	0	2107	185	10	1	1	0.00	0.68	0
15530027	15530051	2.30	256 3-	336 ACSR 18/1	2686	2495	2063	185	1046	44	8	0.02	0.85	29
15530026	15530027	2.41	256 3-	336 ACSR 18/1	2617	2427	1997	185	1046	44	8	0.01	0.88	21
15540048	15530026	2.47	6 1-	2 ACSR 6/1	0	0	1941	184	27	3	2	0.01	0.91	0
D15-53-P043	15540048	2.47	3 1-	REC-35-L	0	0	1941	184	23	2	8	0.00	0.91	0
15530034	D15-53-P043	2.81	3 1-	2 ACSR 6/1	0	0	1686	182	23	2	2	0.03	0.94	0
15530053	15530034	2.89	1 1-	2 ACSR 6/1	0	0	1631	181	10	1	1	0.00	0.94	0
15530028	15530034	2.87	2 1-	2 ACSR 6/1	0	0	1641	181	13	1	1	0.00	0.94	0
15530046	15530028	3.03	1 1-	2 ACSR 6/1	0	0	1544	180	10	1	1	0.01	0.95	0
15530045	15530046	3.06	1 1-	15 KV 2 URD XLP	0	0	1533	429	10	1	1	0.00	0.95	0
15530057	15530028	2.98	1 1-	2 ACSR 6/1	0	0	1573	180	3	0	0	0.00	0.94	0
15540024	15530026	2.47	39 1-	2 ACSR 6/1	0	0	1948	184	188	23	13	0.04	0.80	6
D15-54-P006	15540024	2.47	39 1-	REC-50-L	0	0	1948	184	188	23	48	0.00	0.80	0
15540025	D15-54-P006	2.53	39 1-	2 ACSR 6/1	0	0	1891	184	188	23	13	0.05	0.84	7

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15540049	15540025	2.75	1 1-	2 ACSR 6/1	0	0	1728	182	6	0	0	0.00	0.85	0
15540050	15540049	2.80	0 1-	2 ACSR 6/1	0	0	1688	182	0	0	0	0.00	0.85	0
15540075	15540025	2.68	33 1-	2 ACSR 6/1	0	0	1780	183	165	21	12	0.08	0.93	11
15540077	15540075	2.83	6 1-	2 ACSR 6/1	0	0	1671	182	23	2	2	0.01	0.94	0
15540064	15540077	2.85	4 1-	2 ACSR 6/1	0	0	1659	181	15	1	1	0.00	0.94	0
15540065	15540064	2.88	2 1-	2 ACSR 6/1	0	0	1640	181	9	1	1	0.00	0.94	0
15540055	15540065	2.94	2 1-	2 ACSR 6/1	0	0	1598	181	9	1	1	0.00	0.94	0
15540076	15540075	2.74	0 1-	2 ACSR 6/1	0	0	1732	182	0	0	0	0.00	0.93	0
15540052	15540075	2.82	26 1-	2 ACSR 6/1	0	0	1675	182	136	17	10	0.07	1.00	8
15540053	15540052	2.85	24 1-	2 ACSR 6/1	0	0	1659	181	124	15	9	0.01	1.01	0
15540096	15540053	2.89	2 1-	2 ACSR 6/1	0	0	1632	181	4	0	0	0.00	1.01	0
15540097	15540096	2.93	3 1-	2 ACSR 6/1	0	0	1609	181	4	0	0	0.00	1.01	0
15540056	15540053	2.88	22 1-	2 ACSR 6/1	0	0	1637	181	120	15	8	0.01	1.03	1
15540057	15540056	2.89	21 1-	2 ACSR 6/1	0	0	1630	181	112	14	8	0.00	1.03	0
15540058	15540057	2.95	20 1-	2 ACSR 6/1	0	0	1595	181	104	13	7	0.02	1.05	2
15540060	15540058	3.02	5 1-	2 ACSR 6/1	0	0	1549	180	30	3	2	0.01	1.06	0
15540061	15540060	3.06	4 1-	2 ACSR 6/1	0	0	1525	180	16	2	1	0.00	1.06	0
15540063	15540061	3.22	3 1-	2 ACSR 6/1	0	0	1441	179	10	1	1	0.00	1.06	0
15540072	15540063	3.27	1 1-	2 ACSR 6/1	0	0	1414	178	3	0	0	0.00	1.06	0
15540069	15540063	3.29	1 1-	2 ACSR 6/1	0	0	1408	178	2	0	0	0.00	1.06	0
15540062	15540061	3.10	1 1-	2 ACSR 6/1	0	0	1506	180	6	0	0	0.00	1.06	0
15540059	15540058	3.05	11 1-	2 ACSR 6/1	0	0	1534	180	56	7	4	0.02	1.07	0
15540071	15540059	3.07	2 1-	2 ACSR 6/1	0	0	1521	180	17	2	1	0.00	1.07	0
15540070	15540059	3.10	2 1-	2 ACSR 6/1	0	0	1503	180	8	0	1	0.00	1.07	0
15540067	15540059	3.11	7 1-	2 ACSR 6/1	0	0	1499	179	32	4	2	0.01	1.08	0
15540068	15540067	3.17	7 1-	2 ACSR 6/1	0	0	1469	179	32	4	2	0.01	1.08	0
15540078	15540068	3.20	7 1-	2 ACSR 6/1	0	0	1453	179	32	4	2	0.00	1.09	0
15540080	15540078	3.30	1 1-	2 ACSR 6/1	0	0	1401	178	5	0	0	0.00	1.09	0
15540079	15540078	3.24	2 1-	2 ACSR 6/1	0	0	1432	179	9	1	1	0.00	1.09	0
15540051	15540052	2.90	1 1-	2 ACSR 6/1	0	0	1627	181	6	0	0	0.00	1.00	0
15540073	15540025	2.68	5 1-	2 ACSR 6/1	0	0	1779	183	16	2	1	0.01	0.85	0
15540074	15540073	2.74	3 1-	2 ACSR 6/1	0	0	1734	182	16	2	1	0.00	0.86	0
15540093	15540074	2.79	2 1-	2 ACSR 6/1	0	0	1699	182	14	1	1	0.00	0.86	0
15540095	15540093	2.84	1 1-	2 ACSR 6/1	0	0	1665	182	6	0	0	0.00	0.86	0
15540094	15540093	2.84	1 1-	2 ACSR 6/1	0	0	1666	182	8	1	1	0.00	0.86	0
20850329	15530026	3.07	211 3-	336 ACSR 18/1	2276	2095	1686	183	831	35	7	0.17	1.02	78
20850330	20850329	3.20	210 3-	336 ACSR 18/1	2218	2040	1636	183	830	35	7	0.03	1.05	16
20850333	20850330	3.31	202 3-	336 ACSR 18/1	2172	1995	1595	183	802	34	6	0.03	1.07	12
20850386	20850333	3.33	199 3-	336 ACSR 18/1	2163	1986	1587	183	791	33	6	0.01	1.07	2
20850602	20850386	3.35	198 3-	336 ACSR 18/1	2154	1978	1580	183	785	33	6	0.00	1.08	2
15630045	20850602	3.38	198 3-	336 ACSR 18/1	2144	1968	1571	183	785	33	6	0.01	1.08	3
20850603	15630045	3.41	198 3-	336 ACSR 18/1	2132	1957	1561	183	785	33	6	0.01	1.09	3
20850604	20850603	3.44	196 3-	336 ACSR 18/1	2121	1946	1551	183	780	33	6	0.01	1.09	3
15-63-P032-B	20850604	3.44	196 3-	Closed	2121	1946	1551	183	780	33	0	0.00	1.09	0
15-63-P032-A	15-63-P032-B	3.44	196 3-	Closed	2121	1946	1551	183	780	33	0	0.00	1.09	0
20850605	15-63-P032-A	3.48	196 3-	336 ACSR 18/1	2104	1931	1537	182	780	33	6	0.01	1.10	4
20850606	20850605	3.54	195 3-	336 ACSR 18/1	2082	1909	1517	182	776	32	6	0.01	1.11	6
D15-63-P081A	20850606	3.54	66 3-	REC-50-H	2082	1909	1517	182	223	9	19	0.00	1.11	0
15630040	D15-63-P081A	3.77	66 3-	336 ACSR 18/1	1998	1829	1446	182	223	9	2	0.04	1.12	3
D15-63-P018	15630040	3.77	24 1-	REC-50-H	0	0	1446	182	90	11	23	0.00	1.31	0
15630041	D15-63-P018	3.94	24 1-	2 ACSR 6/1	0	0	1370	180	90	11	6	0.05	1.36	4
20850817	15630041	4.00	9 1-	2 ACSR 6/1	0	0	1341	180	27	3	2	0.00	1.37	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850818	20850817	4.04	5 1-	2 ACSR 6/1	0	0	1324	180	13	1	1	0.00	1.37	0
20850816	15630041	3.96	15 1-	2 ACSR 6/1	0	0	1360	180	63	7	4	0.00	1.37	0
20850819	20850816	4.04	14 1-	2 ACSR 6/1	0	0	1324	180	57	7	4	0.02	1.39	0
20850822	20850819	4.10	5 1-	2 ACSR 6/1	0	0	1301	179	16	2	1	0.00	1.39	0
20850824	20850822	4.19	2 1-	2 ACSR 6/1	0	0	1267	179	9	1	1	0.00	1.39	0
20850826	20850824	4.25	1 1-	2 ACSR 6/1	0	0	1243	178	4	0	0	0.00	1.39	0
20850825	20850824	4.26	0 1-	2 ACSR 6/1	0	0	1238	178	0	0	0	0.00	1.39	0
20850823	20850822	4.16	1 1-	2 ACSR 6/1	0	0	1278	179	0	0	0	0.00	1.39	0
20850821	20850819	4.10	6 1-	2 ACSR 6/1	0	0	1301	179	26	3	2	0.00	1.39	0
20851139	20850821	4.14	5 1-	2 ACSR 6/1	0	0	1284	179	21	2	1	0.00	1.39	0
20851187	20851139	4.21	2 1-	2 ACSR 6/1	0	0	1258	178	12	1	1	0.00	1.40	0
20851188	20851187	4.24	2 1-	2 ACSR 6/1	0	0	1245	178	12	1	1	0.00	1.40	0
15630050	20851188	4.28	1 1-	15 KV 2 URD XLP	0	0	1237	414	5	0	0	0.00	1.40	0
20851189	20851188	4.31	1 1-	2 ACSR 6/1	0	0	1221	178	7	0	0	0.00	1.40	0
20851140	20851139	4.25	2 1-	2 ACSR 6/1	0	0	1241	178	6	0	0	0.00	1.40	0
20851141	20851140	4.45	1 1-	2 ACSR 6/1	0	0	1170	177	3	0	0	0.00	1.40	0
20850820	20850819	4.10	2 1-	2 ACSR 6/1	0	0	1300	179	10	1	1	0.00	1.39	0
15630048	15630040	4.11	42 3-	336 ACSR 18/1	1886	1722	1353	181	133	5	1	0.04	1.14	3
15730002	15630048	4.21	40 3-	336 ACSR 18/1	1855	1693	1327	181	122	5	1	0.01	1.14	0
20851313	15730002	4.25	2 1-	2 ACSR 6/1	0	0	1309	180	5	0	0	0.00	1.28	0
15630043	15730002	4.27	38 3-	336 ACSR 18/1	1836	1675	1312	181	117	4	1	0.01	1.14	0
20851191	15630043	4.29	37 3-	336 ACSR 18/1	1830	1669	1307	181	117	4	1	0.00	1.14	0
20851192	20851191	4.34	36 3-	336 ACSR 18/1	1816	1656	1295	180	113	4	1	0.00	1.14	0
15630046	20851192	4.37	36 3-	336 ACSR 18/1	1808	1649	1289	180	113	4	1	0.00	1.14	0
15630047	15630046	4.52	1 1-	2 ACSR 6/1	0	0	1232	179	4	0	0	0.00	0.87	0
15630052	15630046	4.50	35 3-	336 ACSR 18/1	1771	1614	1258	180	109	4	1	0.01	1.15	0
15630053	15630052	4.55	34 3-	336 ACSR 18/1	1758	1602	1248	180	103	4	1	0.00	1.15	0
15630042	15630053	4.64	32 3-	336 ACSR 18/1	1734	1579	1229	180	95	4	1	0.01	1.15	0
D15-62-P024	15630042	4.64	27 1-	REC-50-H	0	0	1229	180	82	10	21	0.00	1.32	0
15620107	D15-62-P024	4.65	27 1-	2 ACSR 6/1	0	0	1226	180	82	10	6	0.00	1.32	0
15620074	15620107	4.66	25 1-	2 ACSR 6/1	0	0	1221	180	80	10	6	0.00	1.32	0
20850495	15620074	4.76	9 1-	2 ACSR 6/1	0	0	1189	179	23	2	2	0.01	1.33	0
15630064	20850495	4.77	2 1-	2 ACSR 6/1	0	0	1184	179	5	0	0	0.00	1.33	0
15630065	15630064	4.81	2 1-	15 KV 2 URD XLP	0	0	1177	415	5	0	0	0.00	1.33	0
20850496	20850495	4.87	7 1-	2 ACSR 6/1	0	0	1152	178	19	2	1	0.01	1.34	0
15630066	20850496	4.93	2 1-	2 ACSR 6/1	0	0	1135	178	8	1	1	0.00	1.34	0
15630068	15630066	5.19	1 1-	2 ACSR 6/1	0	0	1060	176	4	0	0	0.00	1.34	0
15620106	15630068	5.26	1 1-	15 KV 2 URD XLP	0	0	1048	396	4	0	0	0.00	1.34	0
15630067	15630066	5.00	1 1-	2 ACSR 6/1	0	0	1112	177	4	0	0	0.00	1.34	0
20850334	20850496	4.92	3 1-	2 ACSR 6/1	0	0	1138	178	6	0	0	0.00	1.34	0
20850335	20850334	4.97	2 1-	2 ACSR 6/1	0	0	1121	177	5	0	0	0.00	1.34	0
20850327	20850335	5.03	1 1-	2 ACSR 6/1	0	0	1105	177	4	0	0	0.00	1.34	0
20850328	20850327	5.08	1 1-	2 ACSR 6/1	0	0	1090	176	4	0	0	0.00	1.34	0
15620061	15620074	4.76	16 1-	2 ACSR 6/1	0	0	1188	179	56	7	4	0.02	1.34	0
15620062	15620061	4.93	15 1-	2 ACSR 6/1	0	0	1135	178	54	6	4	0.03	1.38	1
15620063	15620062	4.99	15 1-	2 ACSR 6/1	0	0	1115	177	54	6	4	0.01	1.39	0
15620053	15620063	5.05	14 1-	2 ACSR 6/1	0	0	1099	177	46	5	3	0.01	1.40	0
15620052	15620053	5.10	0 1-	2 ACSR 6/1	0	0	1085	176	0	0	0	0.00	1.40	0
15620051	15620053	5.09	14 1-	2 ACSR 6/1	0	0	1086	176	46	5	3	0.01	1.41	0
15620060	15620051	5.20	13 1-	2 ACSR 6/1	0	0	1055	175	46	5	3	0.02	1.42	0
15620087	15620060	5.23	12 1-	2 ACSR 6/1	0	0	1048	175	46	5	3	0.00	1.43	0
15620086	15620087	5.36	0 1-	2 ACSR 6/1	0	0	1015	174	0	0	0	0.00	1.43	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15620085	15620087	5.29	11 1-	2 ACSR 6/1	0	0	1033	175	41	5	3	0.01	1.44	0
15620089	15620085	5.35	9 1-	2 ACSR 6/1	0	0	1018	174	36	4	3	0.01	1.44	0
15620088	15620089	5.40	8 1-	2 ACSR 6/1	0	0	1003	174	28	3	2	0.01	1.45	0
15620069	15620088	5.59	1 1-	2 ACSR 6/1	0	0	958	173	3	0	0	0.00	1.45	0
15620046	15620088	5.51	6 1-	2 ACSR 6/1	0	0	977	173	20	2	1	0.01	1.46	0
15620047	15620046	5.60	2 1-	2 ACSR 6/1	0	0	956	173	7	0	0	0.00	1.46	0
15620073	15620047	5.65	1 1-	2 ACSR 6/1	0	0	945	172	7	0	0	0.00	1.46	0
15620071	15620047	5.68	1 1-	2 ACSR 6/1	0	0	938	172	0	0	0	0.00	1.46	0
15620072	15620071	5.70	0 1-	2 ACSR 6/1	0	0	935	172	0	0	0	0.00	1.46	0
15-62-P037-B	15620072	5.70	0 1-	Open			935	172	0	0	0	0.00	1.46	0
15620044	15620046	5.58	4 1-	2 ACSR 6/1	0	0	961	173	13	1	1	0.00	1.46	0
15620080	15620044	5.64	0 1-	2 ACSR 6/1	0	0	949	172	0	0	0	0.00	1.46	0
15620045	15620044	5.68	4 1-	2 ACSR 6/1	0	0	938	172	13	1	1	0.00	1.47	0
15620083	15620045	5.76	1 1-	2 ACSR 6/1	0	0	921	171	8	0	1	0.00	1.47	0
15620077	15620045	5.71	3 1-	2 ACSR 6/1	0	0	933	172	6	0	0	0.00	1.47	0
15620084	15620077	5.75	1 1-	2 ACSR 6/1	0	0	924	172	3	0	0	0.00	1.47	0
15620079	15620088	5.48	1 1-	2 ACSR 6/1	0	0	986	173	5	0	0	0.00	1.45	0
15620054	15630042	4.67	5 3-	336 ACSR 18/1	1727	1572	1223	180	13	0	0	0.00	1.15	0
15620055	15620054	4.71	4 3-	336 ACSR 18/1	1717	1563	1215	180	9	0	0	0.00	1.15	0
15620038	15620055	4.76	3 3-	336 ACSR 18/1	1703	1550	1204	179	5	0	0	0.00	1.15	0
15620058	15620038	4.80	2 3-	336 ACSR 18/1	1693	1540	1195	179	2	0	0	0.00	1.15	0
15620059	15620058	4.86	1 3-	336 ACSR 18/1	1679	1527	1184	179	1	0	0	0.00	1.15	0
15620049	15620059	5.07	0 3-	336 ACSR 18/1	1627	1479	1143	179	0	0	0	0.00	1.15	0
15620111	15620049	5.20	0 1-	2 ACSR 6/1	0	0	1104	178	0	0	0	0.00	1.32	0
15620110	15620049	5.24	0 3-	336 ACSR 18/1	1589	1442	1112	178	0	0	0	0.00	1.15	0
15720035	15620110	5.32	0 3-	336 ACSR 18/1	1573	1428	1100	178	0	0	0	0.00	1.15	0
15-72-P184-B	15720035	5.32	0 3-	Open	1573	1428	1100	178	0	0	0	0.00	1.15	0
15620064	15620059	4.89	1 1-	2 ACSR 6/1	0	0	1174	179	1	0	0	0.00	1.32	0
15620057	15620038	4.80	1 1-	2 ACSR 6/1	0	0	1192	179	3	0	0	0.00	0.88	0
15620056	15620055	4.79	1 1-	2 ACSR 6/1	0	0	1187	179	4	0	0	0.00	0.88	0
15630049	15630053	4.61	1 1-	2 ACSR 6/1	0	0	1227	180	7	0	0	0.00	1.31	0
15630054	15630053	4.59	1 1-	2 ACSR 6/1	0	0	1233	180	1	0	0	0.00	1.31	0
20851190	15630043	4.31	1 1-	2 ACSR 6/1	0	0	1299	180	0	0	0	0.00	0.86	0
15730001	15630048	4.19	0 1-	2 ACSR 6/1	0	0	1320	180	0	0	0	0.00	1.26	0
D15-63-P081	20850606	3.54	129 3-	RBC-50-H	2082	1909	1517	182	553	23	47	0.00	1.11	0
20850719	D15-63-P081	3.55	129 3-	2 ACSR 6/1	2071	1898	1509	182	553	23	13	0.01	1.12	4
20850720	20850719	3.81	126 3-	2 ACSR 6/1	1908	1734	1384	180	540	22	13	0.09	1.26	65
20850607	20850720	3.84	125 3-	2 ACSR 6/1	1890	1716	1370	180	532	22	13	0.01	1.28	7
20850718	20850607	3.93	1 1-	2 ACSR 6/1	0	0	1330	179	11	1	1	0.00	1.55	0
20850608	20850607	3.89	123 3-	2 ACSR 6/1	1861	1688	1349	180	507	21	12	0.02	1.30	11
15630062	20850608	3.91	1 1-	2 ACSR 6/1	0	0	1341	179	2	0	0	0.00	1.31	0
15630063	15630062	4.02	1 1-	2 ACSR 6/1	0	0	1296	179	2	0	0	0.00	1.31	0
20850609	20850608	3.97	122 3-	2 ACSR 6/1	1814	1641	1313	179	504	21	12	0.03	1.35	18
20850721	20850609	4.12	118 3-	2 ACSR 6/1	1736	1564	1256	178	476	20	11	0.04	1.42	29
20850922	20850721	4.17	3 1-	2 ACSR 6/1	0	0	1236	177	5	0	0	0.00	1.37	0
20850815	20850922	4.23	1 1-	2 ACSR 6/1	0	0	1213	177	1	0	0	0.00	1.37	0
20850749	20850922	4.21	1 1-	2 ACSR 6/1	0	0	1220	177	1	0	0	0.00	1.37	0
20850723	20850721	4.19	114 3-	2 ACSR 6/1	1698	1527	1228	177	465	19	11	0.02	1.45	14
20850747	20850723	4.23	113 3-	2 ACSR 6/1	1680	1510	1215	177	463	19	11	0.01	1.47	7
20850748	20850747	4.30	110 3-	2 ACSR 6/1	1646	1478	1190	177	449	19	11	0.02	1.50	12
20852150	20850748	4.37	106 3-	2 ACSR 6/1	1612	1444	1165	176	426	18	10	0.01	1.53	12
15530032	20852150	4.43	102 3-	2 ACSR 6/1	1583	1417	1145	176	418	17	10	0.01	1.56	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851444	20851071	6.07	4 1-	2 ACSR 6/1	0	0	773	164	33	4	2	0.01	2.05	0
20851411	20851444	6.11	3 1-	2 ACSR 6/1	0	0	766	164	25	3	2	0.00	2.06	0
15420023	20851411	6.21	1 1-	2 ACSR 6/1	0	0	752	163	8	1	1	0.00	2.06	0
20851502	20851070	6.08	11 1-	2 ACSR 6/1	0	0	771	164	56	7	4	0.02	2.06	0
20851503	20851502	6.11	10 1-	2 ACSR 6/1	0	0	766	164	49	6	4	0.01	2.07	0
20851417	20851503	6.20	5 1-	2 ACSR 6/1	0	0	752	163	28	3	2	0.01	2.08	0
15420022	20851417	6.26	2 1-	2 ACSR 6/1	0	0	743	163	14	1	1	0.00	2.08	0
15520036	15420022	6.30	1 1-	2 ACSR 6/1	0	0	738	163	4	0	0	0.00	2.08	0
20851412	20851503	6.17	5 1-	2 ACSR 6/1	0	0	757	163	22	2	2	0.00	2.07	0
20851413	20851412	6.27	4 1-	2 ACSR 6/1	0	0	742	163	15	1	1	0.00	2.08	0
20851414	20851413	6.37	2 1-	2 ACSR 6/1	0	0	728	162	7	0	0	0.00	2.08	0
20851415	20851414	6.52	1 1-	2 ACSR 6/1	0	0	707	161	2	0	0	0.00	2.08	0
20851416	20851415	6.59	1 1-	2 ACSR 6/1	0	0	698	161	2	0	0	0.00	2.08	0
20851501	20851414	6.45	1 1-	2 ACSR 6/1	0	0	717	162	4	0	0	0.00	2.08	0
20851068	20851693	6.09	2 1-	2 ACSR 6/1	0	0	769	164	6	0	0	0.00	2.02	0
20851623	20851401	5.80	2 1-	2 ACSR 6/1	0	0	816	166	13	1	1	0.00	1.95	0
20851399	20851400	5.70	17 1-	2 ACSR 6/1	0	0	834	167	41	5	3	0.01	1.55	0
20851097	20851399	5.74	6 1-	2 ACSR 6/1	0	0	827	166	9	1	1	0.00	1.55	0
20851504	20851097	5.79	5 1-	2 ACSR 6/1	0	0	818	166	8	0	1	0.00	1.55	0
20851505	20851504	5.85	2 1-	2 ACSR 6/1	0	0	809	166	3	0	0	0.00	1.55	0
20850987	20851399	5.74	9 1-	2 ACSR 6/1	0	0	827	166	25	3	2	0.00	1.55	0
20850988	20850987	5.82	6 1-	2 ACSR 6/1	0	0	814	166	15	1	1	0.00	1.56	0
20851062	20850988	5.90	4 1-	2 ACSR 6/1	0	0	799	165	13	1	1	0.00	1.56	0
20851063	20851062	6.02	4 1-	2 ACSR 6/1	0	0	781	164	13	1	1	0.00	1.56	0
20851066	20851063	6.09	1 1-	2 ACSR 6/1	0	0	770	164	2	0	0	0.00	1.56	0
20851067	20851066	6.14	0 1-	2 ACSR 6/1	0	0	762	164	0	0	0	0.00	1.56	0
20851065	20851063	6.08	1 1-	2 ACSR 6/1	0	0	771	164	0	0	0	0.00	1.56	0
20851064	20851063	6.07	1 1-	2 ACSR 6/1	0	0	773	164	4	0	0	0.00	1.56	0
20851061	20850988	5.85	2 1-	2 ACSR 6/1	0	0	808	166	2	0	0	0.00	1.56	0
20851803	20851802	5.52	6 1-	2 ACSR 6/1	0	0	869	168	15	1	1	0.00	1.54	0
20851785	20851803	5.67	4 1-	2 ACSR 6/1	0	0	840	167	10	1	1	0.00	1.55	0
20851784	20851785	6.02	1 1-	2 ACSR 6/1	0	0	780	164	2	0	0	0.00	1.55	0
20851783	20851785	5.72	2 1-	2 ACSR 6/1	0	0	832	166	4	0	0	0.00	1.55	0
20851741	20851895	5.29	1 1-	2 ACSR 6/1	0	0	916	169	3	0	0	0.00	1.52	0
15520035	15520034	5.13	1 1-	2 ACSR 6/1	0	0	953	171	3	0	0	0.00	1.61	0
20851773	15520034	5.10	0 1-	2 ACSR 6/1	0	0	959	171	0	0	0	0.00	1.50	0
15520025	15520024	4.88	9 1-	2 ACSR 6/1	0	0	1014	172	30	3	2	0.01	2.14	0
20851902	15520025	4.95	6 1-	2 ACSR 6/1	0	0	994	172	17	2	1	0.00	2.15	0
20851903	20851902	5.01	6 1-	2 ACSR 6/1	0	0	980	171	17	2	1	0.00	2.15	0
20851697	20851903	5.06	5 1-	2 ACSR 6/1	0	0	969	171	14	1	1	0.00	2.15	0
20851904	20851697	5.16	3 1-	2 ACSR 6/1	0	0	945	170	9	1	1	0.00	2.16	0
15520046	20851904	5.23	1 1-	2 ACSR 6/1	0	0	928	170	3	0	0	0.00	2.16	0
20851772	20851903	5.07	1 1-	2 ACSR 6/1	0	0	967	171	3	0	0	0.00	2.15	0
20851565	15520025	4.90	2 1-	2 ACSR 6/1	0	0	1008	172	12	1	1	0.00	2.14	0
20851566	20851565	4.92	1 1-	2 ACSR 6/1	0	0	1002	172	6	0	0	0.00	2.15	0
20851564	15520025	4.92	1 1-	2 ACSR 6/1	0	0	1003	172	2	0	0	0.00	2.14	0
20852154	15530032	4.51	2 1-	2 ACSR 6/1	0	0	1119	175	15	1	1	0.00	1.44	0
15530029	20852150	4.47	4 1-	2 ACSR 6/1	0	0	1133	175	9	1	1	0.00	1.89	0
20852153	15530029	4.66	2 1-	2 ACSR 6/1	0	0	1073	174	5	0	0	0.00	1.89	0
20852322	20852153	4.75	1 1-	2 ACSR 6/1	0	0	1047	173	3	0	0	0.00	1.89	0
20852323	20852322	4.81	1 1-	2 ACSR 6/1	0	0	1033	173	3	0	0	0.00	1.89	0
15530030	20852322	5.06	0 1-	2 ACSR 6/1	0	0	969	171	0	0	0	0.00	1.89	0

Title: CUMBERLAND VALLEY ELECTRIC COOPERATIVE - KENTUCKY 57 BELL - GRAY, KENTUCKY
 Case: 2007 - 2010 CONSTRUCTION WORK PLAN - FUTURE WINTER 2010/11 SYSTEM AFTER SYSTEM IMPROVEMENTS
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

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

SUB	22	total losses:												\$17,315

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 26	CMBRLLDFALLS(26)		1628		4851	4896	5284	190	13318					
	BK2604	CMBRLLDFALLS(26)	0.00	337 3-	BK2601	4851	4896	5284	190	3169	132 63	0.00	0.00	0
	OH67	BK2604	0.04	337 3-	336 ACSR 18/1	4768	4794	5128	190	3169	132 25	0.02	0.03	66
	OH68	OH67	0.13	337 3-	336 ACSR 18/1	4601	4593	4827	189	3168	132 25	0.05	0.09	138
	OH72	OH68	0.18	337 3-	336 ACSR 18/1	4507	4480	4662	189	3167	132 25	0.03	0.13	83
	OH73	OH72	0.36	337 3-	336 ACSR 18/1	4200	4122	4158	189	3166	132 25	0.10	0.26	294
	OH74	OH73	0.43	337 3-	336 ACSR 18/1	4096	4004	3996	189	3163	132 25	0.04	0.31	109
	OH75	OH74	0.59	337 3-	336 ACSR 18/1	3872	3752	3663	188	3162	132 25	0.08	0.43	255
	OH76	OH75	0.66	337 3-	336 ACSR 18/1	3783	3654	3537	188	3160	132 25	0.04	0.48	109
	OH77	OH76	0.72	337 3-	336 ACSR 18/1	3716	3580	3442	188	3159	132 25	0.03	0.52	86
	OH78	OH77	0.85	337 3-	336 ACSR 18/1	3552	3403	3221	188	3158	132 25	0.07	0.62	223
	OH79	OH78	0.91	337 3-	336 ACSR 18/1	3490	3336	3139	188	3156	132 25	0.03	0.66	90
	OH80	OH79	0.92	337 3-	336 ACSR 18/1	3483	3329	3131	188	3155	132 25	0.00	0.66	10
	14160065	OH80	0.98	337 3-	4/0 ACSR 6/1	3396	3239	3021	187	3155	132 39	0.06	0.73	169
	14160066	14160065	1.15	332 3-	4/0 ACSR 6/1	3199	3034	2779	187	3106	130 38	0.15	0.91	403
	14160112	14160066	1.18	3 3-	4/0 ACSR 6/1	3166	3001	2740	187	10	0 0	0.00	0.91	0
	14160060	14160066	1.22	329 3-	4/0 ACSR 6/1	3114	2948	2679	187	3092	130 38	0.07	0.99	186
	14160083	14160060	1.54	3 1-	2 ACSR 6/1	0	0	2228	184	21	2 1	0.02	1.06	0
	14160081	14160083	1.61	1 1-	2 ACSR 6/1	0	0	2149	184	9	1 1	0.00	1.06	0
	14160061	14160060	1.32	326 3-	4/0 ACSR 6/1	3011	2842	2559	186	3069	129 38	0.09	1.09	239
	14160113	14160061	1.40	324 3-	4/0 ACSR 6/1	2936	2766	2474	186	3063	129 38	0.07	1.17	182
	14160114	14160113	1.47	322 3-	4/0 ACSR 6/1	2865	2694	2395	186	3051	128 38	0.07	1.25	180
	14260109	14160114	1.67	321 3-	4/0 ACSR 6/1	2689	2517	2205	185	3045	128 38	0.17	1.46	482
	14260123	14260109	1.85	320 3-	4/0 ACSR 6/1	2552	2380	2061	185	3038	128 38	0.15	1.65	423
	CAP108	14260123	1.85	320 3-	Capacitor	2552	2380	2061	185	3034	128 0	0.00	1.65	0
	14260128	CAP108	1.93	1 1-	15 KV 2 URD XLP	0	0	1989	456	10	1 1	0.00	1.30	0
	14260127	CAP108	1.90	319 3-	4/0 ACSR 6/1	2519	2348	2027	184	3024	128 38	0.04	1.70	107
	14260125	14260127	2.00	1 1-	15 KV 2 URD XLP	0	0	1939	454	5	0 0	0.00	1.34	0
	14260124	14260127	1.93	318 3-	4/0 ACSR 6/1	2495	2324	2003	184	3017	128 38	0.03	1.73	81
	14260079	14260124	1.98	1 1-	15 KV 2 URD XLP	0	0	1961	456	20	2 2	0.00	1.37	0
	14260115	14260124	1.98	317 3-	4/0 ACSR 6/1	2463	2292	1970	184	2996	127 38	0.04	1.79	110
	14270048	14260115	2.05	8 1-	2 ACSR 6/1	0	0	1901	184	45	5 3	0.01	2.12	0
	14270049	14270048	2.09	7 1-	2 ACSR 6/1	0	0	1866	183	35	4 3	0.01	2.13	0
	14270060	14270049	2.13	6 1-	2 ACSR 6/1	0	0	1832	183	35	4 3	0.00	2.13	0
	14260114	14270060	2.18	4 1-	2 ACSR 6/1	0	0	1796	183	24	3 2	0.00	2.13	0
	14270037	14260114	2.29	3 1-	2 ACSR 6/1	0	0	1709	182	14	1 1	0.00	2.14	0
	14270045	14270037	2.37	2 1-	2 ACSR 6/1	0	0	1652	181	10	1 1	0.00	2.14	0
	14270046	14270045	2.47	1 1-	2 ACSR 6/1	0	0	1587	180	8	1 1	0.00	2.14	0
	14270061	14270046	2.52	1 1-	2 ACSR 6/1	0	0	1554	180	8	1 1	0.00	2.15	0
	14270058	14260115	2.07	79 3-	1/0 ACSR 6/1	2384	2213	1897	184	1549	66 29	0.11	1.88	118
	14260086	14270058	2.11	79 3-	1/0 ACSR 6/1	2353	2182	1868	184	1548	66 29	0.05	1.92	49
	D14-26-P044	14260086	2.11	79 3-	REC-100-6H	2353	2182	1868	184	1547	66 66	0.00	1.92	0
	14260039	D14-26-P044	2.19	79 3-	1/0 ACSR 6/1	2293	2122	1813	183	1547	66 29	0.09	2.00	98
	14260081	14260039	2.29	75 3-	1/0 ACSR 6/1	2219	2049	1747	183	1517	64 28	0.12	2.11	121
	14260111	14260081	2.33	74 3-	1/0 ACSR 6/1	2188	2018	1720	182	1508	64 28	0.05	2.15	53
	14260112	14260111	2.67	74 3-	1/0 ACSR 6/1	1971	1805	1529	181	1507	64 28	0.40	2.50	413
	D14-26-P027	14260112	2.67	7 1-	FUS-30	0	0	1529	181	21	2 10	0.00	2.41	0
	14260121	D14-26-P027	2.80	7 1-	2 ACSR 6/1	0	0	1455	180	21	2 2	0.01	2.42	0
	14260082	14260121	2.87	7 1-	2 ACSR 6/1	0	0	1422	179	21	2 2	0.00	2.42	0
	14260096	14260082	2.94	4 1-	2 ACSR 6/1	0	0	1387	179	11	1 1	0.00	2.42	0
	14260097	14260096	2.98	0 1-	2 ACSR 6/1	0	0	1365	178	0	0 0	0.00	2.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14260083	14260097	3.03	0 1-	2 ACSR 6/1	0	0	1341	178	0	0	0	0.00	2.42	0
14260037	14260112	2.85	67 3-	1/0 ACSR 6/1	1872	1709	1445	180	1482	63	28	0.20	2.68	210
14-26-P025-B	14260037	2.85	67 3-	Closed	1872	1709	1445	180	1480	63	0	0.00	2.68	0
14-26-P025-A	14-26-P025-B	2.85	67 3-	Closed	1872	1709	1445	180	1480	63	0	0.00	2.68	0
14260084	14-26-P025-A	2.88	67 3-	1/0 ACSR 6/1	1854	1692	1430	179	1480	63	28	0.04	2.71	41
14260085	14260084	2.98	64 3-	1/0 ACSR 6/1	1806	1645	1389	179	1465	62	27	0.11	2.80	110
14260101	14260085	3.06	4 1-	2 ACSR 6/1	0	0	1350	178	27	3	2	0.01	3.20	0
14260102	14260101	3.11	2 1-	2 ACSR 6/1	0	0	1326	178	19	2	1	0.00	3.21	0
14260090	14260085	3.11	60 3-	1/0 ACSR 6/1	1742	1583	1335	178	1437	61	27	0.15	2.94	149
14260089	14260090	3.16	58 3-	1/0 ACSR 6/1	1722	1565	1319	178	1417	61	27	0.05	2.98	47
14260091	14260089	3.25	23 1-	2 ACSR 6/1	0	0	1278	177	134	17	10	0.04	2.82	5
14260092	14260091	3.29	2 1-	2 ACSR 6/1	0	0	1263	177	5	0	0	0.00	2.82	0
14260093	14260091	3.34	20 1-	2 ACSR 6/1	0	0	1241	177	125	16	9	0.04	2.86	4
14260094	14260093	3.40	18 1-	2 ACSR 6/1	0	0	1219	176	122	15	9	0.02	2.89	2
D14-26-P015	14260094	3.40	18 1-	REC-50-H	0	0	1219	176	122	15	31	0.00	2.89	0
14260041	D14-26-P015	3.61	18 1-	2 ACSR 6/1	0	0	1143	175	122	15	9	0.09	2.98	9
14260116	14260041	3.65	16 1-	2 ACSR 6/1	0	0	1129	174	100	12	7	0.01	2.99	0
14360040	14260116	3.72	14 1-	2 ACSR 6/1	0	0	1105	174	81	10	6	0.02	3.01	1
14360041	14360040	4.00	1 1-	2 ACSR 6/1	0	0	1023	172	18	2	1	0.01	3.02	0
14360033	14360040	3.97	13 1-	2 ACSR 6/1	0	0	1029	172	63	8	4	0.06	3.07	3
14360056	14360033	4.06	1 1-	2 ACSR 6/1	0	0	1005	171	1	0	0	0.00	3.07	0
14360043	14360033	4.10	11 1-	2 ACSR 6/1	0	0	996	171	53	6	4	0.02	3.09	0
14360045	14360043	4.15	3 1-	2 ACSR 6/1	0	0	982	171	9	1	1	0.00	3.09	0
14360046	14360045	4.35	1 1-	2 ACSR 6/1	0	0	933	169	3	0	0	0.00	3.09	0
14360044	14360043	4.11	0 1-	2 ACSR 6/1	0	0	993	171	0	0	0	0.00	3.09	0
14-36-P008-B	14360044	4.11	0 1-	Open	0	0	993	171	0	0	0	0.00	3.09	0
14360047	14360043	4.23	7 1-	2 ACSR 6/1	0	0	961	170	36	4	3	0.02	3.11	0
14360048	14360047	4.28	7 1-	2 ACSR 6/1	0	0	950	170	36	4	3	0.01	3.11	0
14360049	14360048	4.32	7 1-	2 ACSR 6/1	0	0	939	170	36	4	3	0.01	3.12	0
14360037	14360049	4.38	5 1-	2 ACSR 6/1	0	0	926	169	29	3	2	0.01	3.12	0
14360083	14360037	4.52	5 1-	2 ACSR 6/1	0	0	894	168	29	3	2	0.01	3.14	0
14360085	14360083	4.67	0 1-	2 ACSR 6/1	0	0	863	167	0	0	0	0.00	3.14	0
14360084	14360083	4.59	5 1-	2 ACSR 6/1	0	0	879	168	29	3	2	0.01	3.14	0
14360055	14360084	4.71	4 1-	2 ACSR 6/1	0	0	854	167	26	3	2	0.01	3.15	0
14460060	14360055	4.78	1 1-	2 ACSR 6/1	0	0	842	167	2	0	0	0.00	3.15	0
14460036	14360055	4.78	2 1-	2 ACSR 6/1	0	0	841	167	18	2	1	0.00	3.16	0
14460063	14460036	4.81	0 1-	2 ACSR 6/1	0	0	836	166	0	0	0	0.00	3.16	0
14460062	14460036	4.96	2 1-	2 ACSR 6/1	0	0	809	165	18	2	1	0.01	3.16	0
14460061	14460036	4.85	0 1-	2 ACSR 6/1	0	0	829	166	0	0	0	0.00	3.16	0
14460059	14360055	4.77	1 1-	2 ACSR 6/1	0	0	843	167	5	0	0	0.00	3.15	0
14360038	14360037	4.62	0 1-	2 ACSR 6/1	0	0	874	168	0	0	0	0.00	3.12	0
14360039	14360038	4.83	0 1-	2 ACSR 6/1	0	0	833	166	0	0	0	0.00	3.12	0
14360042	14360033	4.03	1 1-	2 ACSR 6/1	0	0	1013	172	9	1	1	0.00	3.07	0
14260103	14260041	3.72	2 1-	2 ACSR 6/1	0	0	1106	174	22	2	2	0.01	2.98	0
14260104	14260103	3.82	1 1-	2 ACSR 6/1	0	0	1074	173	9	1	1	0.00	2.98	0
14260110	14260104	3.86	0 1-	2 ACSR 6/1	0	0	1063	173	0	0	0	0.00	2.98	0
14260095	14260089	3.23	35 3-	1/0 ACSR 6/1	1690	1534	1292	178	1282	55	24	0.06	3.04	62
14260105	14260095	3.31	33 3-	1/0 ACSR 6/1	1656	1502	1264	177	1258	54	24	0.06	3.11	68
14260106	14260105	3.39	1 1-	2 ACSR 6/1	0	0	1231	177	7	0	0	0.00	3.53	0
14260107	14260106	3.41	1 1-	2 ACSR 6/1	0	0	1223	176	7	0	0	0.00	3.53	0
14260040	14260105	3.37	32 3-	1/0 ACSR 6/1	1630	1477	1243	177	1251	54	23	0.05	3.16	53
14250028	14260040	3.43	32 3-	1/0 ACSR 6/1	1609	1456	1225	177	1250	54	23	0.04	3.21	46

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14250050	14250028	3.45	31 3-	1/0 ACSR 6/1	1600	1448	1218	177	1241	53	23	0.02	3.23	17
14250051	14250050	3.49	30 3-	1/0 ACSR 6/1	1584	1433	1205	176	1231	53	23	0.03	3.26	33
14250059	14250051	3.63	28 3-	1/0 ACSR 6/1	1530	1382	1161	176	1219	54	24	0.12	3.39	123
14250060	14250059	3.80	27 3-	1/0 ACSR 6/1	1471	1326	1113	175	1218	54	24	0.14	3.55	144
14250061	14250060	3.86	26 3-	1/0 ACSR 6/1	1452	1308	1098	174	1212	53	23	0.05	3.61	50
14250063	14250061	3.93	13 1-	2 ACSR 6/1	0	0	1078	174	104	13	7	0.02	4.13	2
D14-25-P008	14250063	3.93	12 1-	FUS	0	0	1078	174	92	11	271	0.00	4.13	0
14250067	D14-25-P008	4.20	12 1-	2 ACSR 6/1	0	0	1002	172	92	11	7	0.09	4.22	7
14350014	14250067	4.39	9 1-	2 ACSR 6/1	0	0	953	171	83	10	6	0.06	4.27	4
14350016	14350014	4.45	1 1-	15 KV 2 URD XLP	0	0	938	372	4	0	0	0.00	4.27	0
14350015	14350014	4.44	8 1-	2 ACSR 6/1	0	0	940	170	78	10	6	0.02	4.29	0
14350018	14350015	4.53	5 1-	2 ACSR 6/1	0	0	921	170	45	5	3	0.01	4.30	0
14350019	14350018	4.61	4 1-	2 ACSR 6/1	0	0	902	169	34	4	2	0.01	4.31	0
14350017	14350019	4.65	1 1-	15 KV 2 URD XLP	0	0	893	365	11	1	1	0.00	4.31	0
14350005	14350019	4.78	3 1-	2 ACSR 6/1	0	0	866	168	23	2	2	0.01	4.32	0
14350006	14350005	5.06	2 1-	2 ACSR 6/1	0	0	813	166	14	1	1	0.01	4.33	0
14350023	14350006	5.16	1 1-	2 ACSR 6/1	0	0	796	165	4	0	0	0.00	4.34	0
14350022	14350006	5.12	1 1-	2 ACSR 6/1	0	0	803	166	10	1	1	0.00	4.34	0
14350007	14350015	4.52	3 1-	2 ACSR 6/1	0	0	923	170	33	4	2	0.00	4.29	0
14350020	14250067	4.25	1 1-	2 ACSR 6/1	0	0	989	172	4	0	0	0.00	4.22	0
14350008	14250067	4.32	1 1-	2 ACSR 6/1	0	0	969	171	4	0	0	0.00	4.22	0
14250062	14250061	3.91	13 3-	1/0 ACSR 6/1	1438	1295	1087	174	1108	49	22	0.04	3.64	30
14250064	14250062	3.94	1 1-	2 ACSR 6/1	0	0	1075	174	15	1	1	0.00	3.39	0
14250052	14250062	3.97	12 3-	1/0 ACSR 6/1	1418	1276	1071	174	1093	48	21	0.06	3.69	42
14250053	14250052	4.01	10 3-	1/0 ACSR 6/1	1407	1265	1062	174	1077	48	21	0.03	3.73	25
14250054	14250053	4.07	9 3-	1/0 ACSR 6/1	1387	1247	1046	173	1070	48	21	0.06	3.78	43
14250055	14250054	4.11	9 3-	1/0 ACSR 6/1	1376	1237	1037	173	1069	48	21	0.03	3.81	23
14250048	14250055	4.26	2 1-	2 ACSR 6/1	0	0	996	172	7	0	0	0.00	3.57	0
14250049	14250048	4.35	1 1-	2 ACSR 6/1	0	0	973	172	4	0	0	0.00	3.57	0
14250025	14250055	4.16	2 3-	1/0 ACSR 6/1	1362	1223	1026	173	1040	46	20	0.04	3.85	32
D14-25-P001	14250025	4.16	2 3-	REC-70-L	1362	1223	1026	173	1039	46	67	0.00	3.85	0
14250068	D14-25-P001	4.21	2 3-	1/0 ACSR 6/1	1345	1207	1012	173	1039	46	20	0.05	3.90	36
14250069	14250068	6.73	2 3-	1/0 ACSR 6/1	878	777	649	161	1039	46	20	2.03	5.93	1572
14330001	14250069	7.82	2 3-	1/0 ACSR 6/1	761	671	561	156	1025	46	20	0.88	6.81	686
D14-22-P064	14330001	7.82	2 3-	REC-70-4H	761	671	561	156	1018	46	67	0.00	6.81	0
14220013	D14-22-P064	7.89	2 3-	1/0 ACSR 6/1	755	666	557	156	1018	46	20	0.05	6.86	42
14220018	14220013	8.00	2 3-	1/0 ACSR 6/1	745	657	549	155	1018	46	20	0.09	6.95	69
14220019	14220018	8.03	2 3-	1/0 ACSR 6/1	742	654	547	155	1017	46	20	0.03	6.98	22
14220021	14220019	8.16	2 3-	1/0 ACSR 6/1	731	644	539	155	1017	46	20	0.10	7.08	78
14220022	14220021	8.23	0 1-	2 ACSR 6/1	0	0	533	154	0	0	0	0.00	6.83	0
14220020	14220021	8.32	2 3-	1/0 ACSR 6/1	718	632	528	154	1016	46	20	0.13	7.21	103
14256010	14220020	8.32	2 3-	Consumer	718	632	528	154	1015	46	0	0.00	7.21	0
13290015	14220020	8.45	0 3-	1/0 ACSR 6/1	707	622	520	153	0	0	0	0.00	7.21	0
13290016	13290015	8.50	0 3-	1/0 ACSR 6/1	703	619	517	153	0	0	0	0.00	7.21	0
13290017	13290016	8.58	0 3-	1/0 ACSR 6/1	697	614	513	153	0	0	0	0.00	7.21	0
13290018	13290017	8.61	0 3-	1/0 ACSR 6/1	695	612	511	153	0	0	0	0.00	7.21	0
13290019	13290018	8.66	0 1-	2 ACSR 6/1	0	0	507	152	0	0	0	0.00	7.73	0
13290014	13290018	8.75	0 3-	1/0 ACSR 6/1	684	602	503	152	0	0	0	0.00	7.21	0
13290013	13290018	8.83	0 3-	1/0 ACSR 6/1	678	597	499	152	0	0	0	0.00	7.21	0
13290012	13290015	8.52	0 3-	1/0 ACSR 6/1	702	618	517	153	0	0	0	0.00	7.21	0
13390022	13290012	8.58	0 3-	1/0 ACSR 6/1	697	613	513	153	0	0	0	0.00	7.21	0
13390023	13390022	8.65	0 1-	2 ACSR 6/1	0	0	508	152	0	0	0	0.00	6.97	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
13390016	13290012	8.53	0 3-	1/0 ACSR 6/1	701	617	516	153	0	0	0	0.00	7.21	0
13390015	13290012	8.63	0 3-	1/0 ACSR 6/1	693	610	510	153	0	0	0	0.00	7.21	0
13390026	13390015	8.66	0 1- 15	KV 2 URD XLP	0	0	508	287	0	0	0	0.00	6.97	0
13390025	13390026	8.70	0 1-	2 ACSR 6/1	0	0	505	152	0	0	0	0.00	6.97	0
13390027	13390015	8.69	0 3-	1/0 ACSR 6/1	688	606	506	152	0	0	0	0.00	7.21	0
13390028	13390027	8.73	0 3-	1/0 ACSR 6/1	686	603	505	152	0	0	0	0.00	7.21	0
13390021	13390028	8.87	0 3-	1/0 ACSR 6/1	675	594	496	152	0	0	0	0.00	7.21	0
13390018	13390028	8.76	0 1-	2 ACSR 6/1	0	0	503	152	0	0	0	0.00	7.23	0
13390019	13390015	8.71	0 3-	1/0 ACSR 6/1	687	604	505	152	0	0	0	0.00	7.21	0
13390020	13390019	8.76	0 3-	1/0 ACSR 6/1	683	601	503	152	0	0	0	0.00	7.21	0
13390024	13390020	8.81	0 3-	1/0 ACSR 6/1	680	598	500	152	0	0	0	0.00	7.21	0
13390017	13390020	8.87	0 1-	2 ACSR 6/1	0	0	495	151	0	0	0	0.00	6.97	0
13290011	13290015	8.49	0 1-	2 ACSR 6/1	0	0	518	153	0	0	0	0.00	6.97	0
13290010	13290015	8.49	0 1-	2 ACSR 6/1	0	0	518	153	0	0	0	0.00	7.73	0
14220027	14220021	8.18	0 1-	2 ACSR 6/1	0	0	537	154	0	0	0	0.00	6.83	0
14220025	14220027	8.20	0 1-	2 ACSR 6/1	0	0	536	154	0	0	0	0.00	6.83	0
14220026	14220025	8.22	0 1-	2 ACSR 6/1	0	0	534	154	0	0	0	0.00	6.83	0
14220023	14220021	8.22	0 1-	2 ACSR 6/1	0	0	534	154	0	0	0	0.00	6.83	0
14220024	14220023	8.24	0 1-	2 ACSR 6/1	0	0	533	154	0	0	0	0.00	6.83	0
14220017	14220024	8.37	0 1- 15	KV 2 URD XLP	0	0	523	291	0	0	0	0.00	6.83	0
14250027	14250055	4.13	5 1-	2 ACSR 6/1	0	0	1032	173	22	2	2	0.00	3.57	0
14250058	14250027	4.19	4 1-	2 ACSR 6/1	0	0	1015	173	13	1	1	0.00	3.57	0
14250056	14250027	4.19	1 1-	2 ACSR 6/1	0	0	1015	173	10	1	1	0.00	3.57	0
14250057	14250056	4.23	0 1-	2 ACSR 6/1	0	0	1003	172	0	0	0	0.00	3.57	0
14250026	14250053	4.04	1 1-	2 ACSR 6/1	0	0	1051	173	7	0	1	0.00	3.48	0
14250065	14250026	4.08	1 1-	2 ACSR 6/1	0	0	1041	173	7	0	1	0.00	3.48	0
CAP113	14250051	3.49	0 3-	Capacitor	0	0	0	0	0	-6	0	0.00	3.26	0
14250066	14250028	3.84	1 1-	2 ACSR 6/1	0	0	1082	174	9	1	1	0.01	2.99	0
14260108	14250066	4.19	0 1-	2 ACSR 6/1	0	0	984	171	0	0	0	0.00	2.99	0
14260088	14260090	3.21	1 1-	2 ACSR 6/1	0	0	1294	178	10	1	1	0.00	2.73	0
14260113	14260084	3.06	1 1-	2 ACSR 6/1	0	0	1344	178	5	0	0	0.00	2.47	0
14260038	14260039	2.26	4 1-	2 ACSR 6/1	0	0	1757	183	30	3	2	0.01	2.03	0
14260087	14260038	2.31	4 1-	2 ACSR 6/1	0	0	1723	182	30	3	2	0.00	2.03	0
D14-26-P040	14260087	2.31	2 1-	FUS	0	0	1723	182	15	1	45	0.00	2.03	0
14260080	D14-26-P040	2.34	2 1-	2 ACSR 6/1	0	0	1698	182	15	1	1	0.00	2.03	0
14260098	14260080	2.41	1 1-	2 ACSR 6/1	0	0	1649	181	10	1	1	0.00	2.03	0
14260122	14260087	2.67	1 1-	2 ACSR 6/1	0	0	1487	179	4	0	0	0.01	2.04	0
14360087	14260122	2.90	1 1-	2 ACSR 6/1	0	0	1369	178	4	0	0	0.00	2.04	0
14260099	14260038	2.30	0 1-	2 ACSR 6/1	0	0	1730	182	0	0	0	0.00	2.03	0
14260100	14260099	2.32	0 1-	2 ACSR 6/1	0	0	1715	182	0	0	0	0.00	2.03	0
14270053	14260115	2.03	230 3-	4/0 ACSR 6/1	2423	2253	1930	184	1401	59	18	0.02	1.82	31
14270063	14270053	2.19	1 1-	2 ACSR 6/1	0	0	1798	183	0	0	0	0.00	1.43	0
14270054	14270053	2.09	225 3-	4/0 ACSR 6/1	2389	2219	1896	184	1379	58	17	0.01	1.84	27
14270055	14270054	2.16	223 3-	4/0 ACSR 6/1	2340	2171	1847	184	1360	58	17	0.02	1.88	39
14270056	14270055	2.24	222 3-	4/0 ACSR 6/1	2295	2127	1804	183	1355	57	17	0.02	1.92	37
14270052	14270056	2.29	2 1-	2 ACSR 6/1	0	0	1759	183	13	1	1	0.00	1.48	0
14270047	14270052	2.36	0 1-	2 ACSR 6/1	0	0	1711	182	0	0	0	0.00	1.48	0
14270057	14270056	2.30	1 1-	2 ACSR 6/1	0	0	1759	183	5	0	0	0.00	2.28	0
14270025	14270056	2.30	219 3-	4/0 ACSR 6/1	2257	2089	1766	183	1337	57	17	0.02	1.95	32
14-27-P010-A	14270025	2.30	219 3-	Closed	2257	2089	1766	183	1336	57	0	0.00	1.95	0
14-27-P010-B	14-27-P010-A	2.30	219 3-	Closed	2257	2089	1766	183	1336	57	0	0.00	1.95	0
14270026	14-27-P010-B	2.31	219 3-	4/0 ACSR 6/1	2252	2085	1762	183	1336	57	17	0.00	1.95	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14270044	14270026	2.42	1 1-	2 ACSR 6/1	0	0	1681	182	9	1	1	0.00	2.33	0
14270043	14270026	2.40	1 1-	2 ACSR 6/1	0	0	1700	182	9	1	1	0.00	1.50	0
14270031	14270026	2.33	217 3-	4/0 ACSR 6/1	2243	2076	1753	183	1319	56	17	0.00	1.96	8
14270030	14270031	2.38	217 3-	4/0 ACSR 6/1	2215	2049	1726	183	1318	56	17	0.01	1.99	24
D14-27-P011	14270030	2.38	5 1-	FUS-40	0	0	1726	183	24	3	9	0.00	2.08	0
14270062	D14-27-P011	2.51	5 1-	2 ACSR 6/1	0	0	1631	182	24	3	2	0.01	2.09	0
14270024	14270062	2.59	3 1-	2 ACSR 6/1	0	0	1580	181	22	2	2	0.01	2.10	0
14270042	14270024	2.64	0 1-	2 ACSR 6/1	0	0	1549	181	0	0	0	0.00	2.10	0
14270040	14270024	2.72	3 1-	2 ACSR 6/1	0	0	1507	180	22	2	2	0.01	2.11	0
14270041	14270040	2.77	2 1-	2 ACSR 6/1	0	0	1478	180	16	1	1	0.00	2.11	0
14270038	14270041	2.81	2 1-	2 ACSR 6/1	0	0	1457	180	16	1	1	0.00	2.11	0
14270039	14270038	2.86	1 1-	2 ACSR 6/1	0	0	1431	179	6	0	0	0.00	2.11	0
14270033	14270062	2.56	1 1-	2 ACSR 6/1	0	0	1603	181	0	0	0	0.00	2.09	0
14270032	14270062	2.55	1 1-	2 ACSR 6/1	0	0	1606	182	2	0	0	0.00	2.09	0
14370059	14270030	2.53	211 3-	4/0 ACSR 6/1	2134	1969	1649	182	1292	55	16	0.03	2.06	70
14370049	14370059	2.56	209 3-	4/0 ACSR 6/1	2116	1952	1632	182	1278	54	16	0.01	2.08	16
14370110	14370049	2.64	209 3-	4/0 ACSR 6/1	2077	1914	1596	182	1278	54	16	0.02	2.11	35
14370056	14370110	2.70	1 1-	2 ACSR 6/1	0	0	1559	182	8	0	1	0.00	2.55	0
14370044	14370110	2.66	207 3-	4/0 ACSR 6/1	2067	1904	1586	182	1268	54	16	0.00	2.12	10
D14-37-P005	14370044	2.66	4 1-	FUS	0	0	1586	182	19	2	57	0.00	1.57	0
14370057	D14-37-P005	2.73	4 1-	2 ACSR 6/1	0	0	1543	181	19	2	1	0.00	1.57	0
14370058	14370057	2.82	2 1-	2 ACSR 6/1	0	0	1492	181	12	1	1	0.00	1.58	0
14370054	14370044	2.70	203 3-	4/0 ACSR 6/1	2048	1887	1569	182	1248	53	16	0.01	2.14	17
D14-37-P007	14370054	2.70	2 1-	FUS	0	0	1569	182	8	0	22	0.00	2.26	0
14370123	D14-37-P007	2.89	2 1-	2 ACSR 6/1	0	0	1458	180	8	0	1	0.00	2.26	0
14370130	14370054	2.74	200 3-	4/0 ACSR 6/1	2029	1868	1552	182	1237	53	16	0.01	2.16	18
14370122	14370130	2.76	199 3-	4/0 ACSR 6/1	2017	1856	1541	182	1236	53	16	0.00	2.17	11
14370121	14370122	2.80	198 3-	4/0 ACSR 6/1	2001	1841	1526	181	1236	53	16	0.01	2.19	15
14370053	14370121	2.82	197 3-	4/0 ACSR 6/1	1990	1830	1516	181	1227	52	15	0.00	2.20	10
D14-37-P009	14370053	2.82	5 1-	FUS-40	0	0	1516	181	44	5	16	0.00	2.67	0
14370125	D14-37-P009	2.85	5 1-	2 ACSR 6/1	0	0	1498	181	44	5	3	0.00	2.67	0
14370081	14370125	2.89	2 1-	2 ACSR 6/1	0	0	1477	181	20	2	1	0.00	2.67	0
14370085	14370081	2.96	1 1-	2 ACSR 6/1	0	0	1440	180	12	1	1	0.00	2.68	0
14370052	14370081	2.94	1 1-	2 ACSR 6/1	0	0	1454	181	8	0	1	0.00	2.67	0
14370061	14370053	2.90	191 3-	4/0 ACSR 6/1	1957	1798	1486	181	1174	50	15	0.02	2.23	29
14370064	14370061	2.99	70 3-	1/0 ACSR 6/1	1908	1751	1445	181	450	19	8	0.01	2.26	11
14370076	14370064	3.04	68 3-	1/0 ACSR 6/1	1882	1725	1424	180	431	18	8	0.00	2.27	6
14370077	14370076	3.08	66 3-	1/0 ACSR 6/1	1862	1705	1407	180	419	17	8	0.00	2.28	4
14370066	14370077	3.10	64 3-	1/0 ACSR 6/1	1850	1694	1397	180	416	17	8	0.00	2.29	3
14370067	14370066	3.14	63 3-	1/0 ACSR 6/1	1831	1675	1381	180	405	17	8	0.00	2.30	4
D14-37-P082	14370067	3.14	62 3-	REC-50-L	1831	1675	1381	180	395	16	34	0.00	2.30	0
14370068	D14-37-P082	3.18	62 3-	1/0 ACSR 6/1	1809	1654	1363	180	395	16	7	0.00	2.31	5
14370069	14370068	3.22	61 3-	1/0 ACSR 6/1	1791	1636	1349	179	385	16	7	0.00	2.32	4
14370070	14370069	3.26	60 3-	1/0 ACSR 6/1	1772	1618	1333	179	369	15	7	0.00	2.33	4
14370071	14370070	3.30	59 3-	1/0 ACSR 6/1	1754	1600	1319	179	363	15	7	0.00	2.34	4
14370072	14370071	3.49	56 3-	1/0 ACSR 6/1	1670	1519	1251	178	348	14	7	0.01	2.38	19
14370073	14370072	3.57	3 1-	2 ACSR 6/1	0	0	1221	177	10	1	1	0.00	1.65	0
14370074	14370073	3.61	2 1-	2 ACSR 6/1	0	0	1206	177	8	1	1	0.00	1.65	0
14370062	14370072	3.55	52 3-	1/0 ACSR 6/1	1648	1498	1233	178	332	14	6	0.00	2.40	5
14370063	14370062	3.64	52 3-	1/0 ACSR 6/1	1612	1464	1205	177	332	14	6	0.00	2.42	9
14370096	14370063	3.67	51 3-	1/0 ACSR 6/1	1598	1450	1194	177	323	13	6	0.00	2.42	3
14370075	14370096	3.73	42 3-	1/0 ACSR 6/1	1575	1428	1175	177	248	10	5	-0.01	2.43	5

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14470025	14370075	3.81	41 3-	1/0 ACSR 6/1	1547	1402	1153	176	238	10	4	-0.01	2.45	7
14470040	14470025	3.93	1 1-	2 ACSR 6/1	0	0	1114	176	9	1	1	0.00	1.63	0
14470041	14470040	4.05	0 1-	2 ACSR 6/1	0	0	1077	175	0	0	0	0.00	1.63	0
14470026	14470025	3.90	1 1-	2 ACSR 6/1	0	0	1122	176	11	1	1	0.00	1.63	0
14470024	14470025	4.10	38 1-	2 ACSR 6/1	0	0	1062	174	215	27	16	0.23	3.43	40
14360050	14470024	4.29	36 1-	2 ACSR 6/1	0	0	1008	173	207	26	15	0.15	3.58	24
14360051	14360050	4.39	35 1-	2 ACSR 6/1	0	0	983	172	202	26	15	0.07	3.66	12
14360052	14360051	4.57	1 1-	2 ACSR 6/1	0	0	939	171	2	0	0	0.00	3.66	0
14360053	14360051	4.42	19 1-	2 ACSR 6/1	0	0	975	172	131	17	9	0.02	3.67	2
14360062	14360053	4.48	17 1-	2 ACSR 6/1	0	0	960	171	122	15	9	0.03	3.70	3
14360064	14360062	4.58	11 1-	2 ACSR 6/1	0	0	937	171	60	7	4	0.02	3.72	0
14360075	14360064	4.62	4 1-	2 ACSR 6/1	0	0	928	171	6	0	0	0.00	3.72	0
14360076	14360075	4.96	3 1-	2 ACSR 6/1	0	0	856	168	5	0	0	0.00	3.72	0
14360078	14360076	4.99	2 1-	2 ACSR 6/1	0	0	849	168	2	0	0	0.00	3.72	0
14360077	14360076	5.06	0 1-	2 ACSR 6/1	0	0	837	168	0	0	0	0.00	3.72	0
14-36-P008-A	14360077	5.06	0 1-	Open	0	0	837	168	0	0	0	0.00	3.72	0
14360061	14360064	4.64	2 1-	2 ACSR 6/1	0	0	922	170	19	2	1	0.00	3.72	0
14360060	14360064	4.62	3 1-	2 ACSR 6/1	0	0	928	171	20	2	1	0.00	3.72	0
14360066	14360060	4.66	1 1-	2 ACSR 6/1	0	0	919	170	8	1	1	0.00	3.72	0
14360063	14360062	4.54	5 1-	2 ACSR 6/1	0	0	947	171	53	6	4	0.01	3.71	0
14360072	14360063	4.60	4 1-	2 ACSR 6/1	0	0	932	171	43	5	3	0.01	3.72	0
14360074	14360072	4.66	1 1-	2 ACSR 6/1	0	0	918	170	11	1	1	0.00	3.72	0
14360071	14360074	4.72	1 1-	2 ACSR 6/1	0	0	905	170	11	1	1	0.00	3.72	0
14360073	14360072	4.65	2 1-	2 ACSR 6/1	0	0	920	170	20	2	1	0.00	3.72	0
14360036	14360051	4.49	15 1-	2 ACSR 6/1	0	0	958	171	69	8	5	0.02	3.68	1
14360054	14360036	4.61	13 1-	2 ACSR 6/1	0	0	929	171	52	6	4	0.02	3.70	0
14360068	14360054	4.69	6 1-	2 ACSR 6/1	0	0	912	170	27	3	2	0.01	3.71	0
14360070	14360068	4.78	3 1-	2 ACSR 6/1	0	0	891	169	12	1	1	0.00	3.71	0
14360067	14360070	4.85	2 1-	2 ACSR 6/1	0	0	878	169	7	0	0	0.00	3.71	0
14360065	14360067	4.94	1 1-	2 ACSR 6/1	0	0	859	168	4	0	0	0.00	3.71	0
14360069	14360068	4.77	1 1-	2 ACSR 6/1	0	0	895	170	6	0	0	0.00	3.71	0
14360057	14360054	4.64	5 1-	2 ACSR 6/1	0	0	924	170	18	2	1	0.00	3.70	0
14360058	14360057	4.68	3 1-	2 ACSR 6/1	0	0	914	170	11	1	1	0.00	3.70	0
14360086	14360058	4.69	2 1-	2 ACSR 6/1	0	0	911	170	10	1	1	0.00	3.70	0
14360059	14360058	4.74	1 1-	2 ACSR 6/1	0	0	900	170	1	0	0	0.00	3.70	0
14360035	14470024	4.20	2 1-	2 ACSR 6/1	0	0	1033	174	8	1	1	0.00	3.44	0
14460078	14360035	4.24	1 1-	2 ACSR 6/1	0	0	1021	173	3	0	0	0.00	3.44	0
14460079	14460078	4.29	1 1-	2 ACSR 6/1	0	0	1008	173	3	0	0	0.00	3.44	0
14370084	14370096	3.81	8 1-	2 ACSR 6/1	0	0	1147	176	65	8	5	0.03	1.68	1
14370079	14370084	3.85	7 1-	2 ACSR 6/1	0	0	1131	176	53	6	4	0.01	1.69	0
14370082	14370079	3.88	6 1-	2 ACSR 6/1	0	0	1122	176	44	5	3	0.00	1.69	0
14370083	14370082	3.97	3 1-	2 ACSR 6/1	0	0	1094	175	20	2	1	0.01	1.70	0
14370080	14370083	4.04	2 1-	2 ACSR 6/1	0	0	1073	174	13	1	1	0.00	1.70	0
14370078	14370067	3.18	1 1-	2 ACSR 6/1	0	0	1364	180	10	1	1	0.00	2.44	0
14370065	14370064	3.02	2 1-	2 ACSR 6/1	0	0	1427	180	20	2	1	0.00	2.40	0
14370060	14370061	3.00	121 3-	4/0 ACSR 6/1	1912	1756	1445	181	723	31	9	0.02	2.26	14
14370048	14370060	3.13	113 3-	4/0 ACSR 6/1	1858	1704	1397	180	692	29	9	0.03	2.29	17
D14-37-P045	14370048	3.13	1 1-	FUS-40	0	0	1397	180	8	1	3	0.00	2.80	0
14370124	D14-37-P045	3.19	1 1-	2 ACSR 6/1	0	0	1370	180	8	1	1	0.00	2.80	0
14370047	14370124	3.23	1 1-	2 ACSR 6/1	0	0	1351	180	8	1	1	0.00	2.80	0
14370043	14370124	3.26	0 1-	2 ACSR 6/1	0	0	1336	179	0	0	0	0.00	2.80	0
14370042	14370048	3.20	111 3-	4/0 ACSR 6/1	1831	1678	1373	180	682	29	9	0.01	2.31	9

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14370109	14370042	3.34	1 1-	2 ACSR 6/1	0	0	1312	179	9	1	1	0.00	2.83	0
14370098	14370042	3.31	38 3-	4/0 ACSR 6/1	1789	1638	1336	180	246	10	3	0.02	2.32	3
14370129	14370098	3.41	38 3-	4/0 ACSR 6/1	1755	1605	1306	179	246	10	3	0.02	2.33	3
14370091	14370129	3.45	37 3-	4/0 ACSR 6/1	1740	1591	1293	179	240	10	3	0.01	2.33	0
14370090	14370091	3.50	33 3-	4/0 ACSR 6/1	1725	1577	1280	179	215	9	3	0.01	2.33	0
14370088	14370090	3.53	4 1-	2 ACSR 6/1	0	0	1265	179	25	3	2	0.00	1.74	0
14370089	14370088	3.57	2 1-	2 ACSR 6/1	0	0	1252	179	17	2	1	0.00	1.74	0
14370087	14370090	3.57	27 3-	4/0 ACSR 6/1	1701	1553	1259	179	175	7	2	0.01	2.34	0
14370086	14370087	3.63	24 3-	4/0 ACSR 6/1	1681	1535	1242	179	153	6	2	0.01	2.34	0
14370094	14370086	3.69	14 3-	4/0 ACSR 6/1	1660	1515	1224	178	100	4	1	0.01	2.34	0
14370095	14370094	3.75	11 3-	4/0 ACSR 6/1	1641	1497	1208	178	70	3	1	0.00	2.35	0
14470046	14370095	3.86	11 3-	4/0 ACSR 6/1	1607	1465	1179	178	70	3	1	0.01	2.35	0
14470045	14470046	3.96	10 3-	4/0 ACSR 6/1	1580	1440	1157	178	69	2	1	0.01	2.35	0
D14-47-P132	14470045	3.96	5 1-	FUS-40	0	0	1157	178	26	3	9	0.00	1.78	0
14470067	D14-47-P132	3.97	5 1-	2 ACSR 6/1	0	0	1151	177	26	3	2	0.00	1.78	0
14480119	14470067	3.99	4 1-	2 ACSR 6/1	0	0	1146	177	21	2	2	0.00	1.79	0
14480118	14480119	4.01	2 1-	2 ACSR 6/1	0	0	1138	177	11	1	1	0.00	1.79	0
14480115	14470045	4.03	2 3-	4/0 ACSR 6/1	1559	1420	1139	177	24	1	0	0.00	2.35	0
14480114	14480115	4.16	1 3-	4/0 ACSR 6/1	1525	1388	1110	177	8	0	0	0.00	2.35	0
14-48-P050-A	14480114	4.16	0 3-	Open	1525	1388	1110	177	0	0	0	0.00	2.35	0
14370093	14370094	3.74	2 1-	2 ACSR 6/1	0	0	1207	178	21	2	2	0.00	2.48	0
14370050	14370086	3.68	8 3-	4/0 ACSR 6/1	1664	1519	1228	179	47	2	1	0.00	2.34	0
14370051	14370050	3.70	7 1-	2 ACSR 6/1	0	0	1221	178	38	4	3	0.00	1.77	0
D14-37-P052	14370051	3.70	3 1-	FUS-40	0	0	1221	178	17	2	6	0.00	1.77	0
14370126	D14-37-P052	3.83	3 1-	2 ACSR 6/1	0	0	1173	177	17	2	1	0.01	1.77	0
14470044	14370126	4.02	2 1-	2 ACSR 6/1	0	0	1111	176	10	1	1	0.01	1.78	0
14470035	14470044	4.18	1 1-	2 ACSR 6/1	0	0	1064	175	9	1	1	0.00	1.78	0
14370092	14370051	3.74	3 1-	2 ACSR 6/1	0	0	1207	178	13	1	1	0.00	1.77	0
14370097	14370129	3.48	1 1-	2 ACSR 6/1	0	0	1276	179	6	0	0	0.00	2.81	0
14370040	14370042	3.22	72 3-	1/0 ACSR 6/1	1821	1668	1365	180	427	18	8	0.00	2.31	3
D14-37-P019	14370040	3.22	72 3-	REC-70-4H	1821	1668	1365	180	427	18	26	0.00	2.31	0
14370045	D14-37-P019	3.28	72 3-	1/0 ACSR 6/1	1793	1640	1342	180	427	18	8	0.01	2.33	8
14370100	14370045	3.36	69 3-	1/0 ACSR 6/1	1756	1605	1312	179	413	17	8	0.01	2.35	10
14370113	14370100	3.46	2 1-	2 ACSR 6/1	0	0	1270	179	3	0	0	0.00	2.45	0
14370101	14370100	3.45	66 3-	1/0 ACSR 6/1	1717	1567	1281	179	406	17	8	0.01	2.38	11
14370103	14370101	3.48	2 1-	2 ACSR 6/1	0	0	1269	179	15	1	1	0.00	1.70	0
14370111	14370103	3.60	1 1-	2 ACSR 6/1	0	0	1221	178	6	0	0	0.00	1.70	0
14370104	14370103	3.53	1 1-	2 ACSR 6/1	0	0	1251	178	9	1	1	0.00	1.70	0
14370102	14370101	3.55	63 3-	1/0 ACSR 6/1	1674	1525	1247	178	389	16	7	0.00	2.40	13
14370127	14370102	3.58	2 1-	2 ACSR 6/1	0	0	1234	178	17	2	1	0.00	1.70	0
14370128	14370127	3.71	1 1-	2 ACSR 6/1	0	0	1187	177	11	1	1	0.00	1.70	0
14370041	14370102	3.62	61 3-	1/0 ACSR 6/1	1647	1499	1225	178	371	15	7	0.00	2.42	8
14370106	14370041	3.64	59 3-	1/0 ACSR 6/1	1639	1491	1219	178	359	15	7	0.00	2.43	3
14370107	14370106	3.66	57 3-	1/0 ACSR 6/1	1632	1484	1213	178	334	14	6	0.00	2.43	2
14370108	14370107	3.71	2 1-	2 ACSR 6/1	0	0	1195	177	17	2	1	0.00	1.70	0
14370112	14370108	3.77	1 1-	2 ACSR 6/1	0	0	1171	177	6	0	0	0.00	1.70	0
14370055	14370107	3.95	55 3-	1/0 ACSR 6/1	1522	1379	1127	176	317	13	6	-0.02	2.49	35
14380047	14370055	4.00	12 1-	2 ACSR 6/1	0	0	1110	176	67	8	5	0.01	1.69	0
14380049	14380047	4.05	1 1-	2 ACSR 6/1	0	0	1096	176	1	0	0	0.00	1.69	0
14380048	14380047	4.04	9 1-	2 ACSR 6/1	0	0	1098	176	56	7	4	0.01	1.70	0
14380051	14380048	4.10	2 1-	2 ACSR 6/1	0	0	1081	175	18	2	1	0.00	1.70	0
14380052	14380051	4.14	0 1-	2 ACSR 6/1	0	0	1069	175	0	0	0	0.00	1.70	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14380017	14380048	4.12	7 1-	2 ACSR 6/1	0	0	1074	175	39	4	3	0.01	1.71	0
14380060	14380017	4.37	6 1-	2 ACSR 6/1	0	0	1004	173	36	4	3	0.03	1.74	0
14270036	14380060	4.41	5 1-	2 ACSR 6/1	0	0	995	173	34	4	2	0.00	1.74	0
14270059	14270036	4.46	1 1-	2 ACSR 6/1	0	0	982	173	2	0	0	0.00	1.74	0
14270035	14270036	4.51	4 1-	2 ACSR 6/1	0	0	969	172	32	4	2	0.01	1.76	0
14270034	14270035	4.53	3 1-	2 ACSR 6/1	0	0	965	172	32	4	2	0.00	1.76	0
14270051	14270034	4.63	2 1-	2 ACSR 6/1	0	0	942	171	20	2	1	0.00	1.76	0
14280020	14270051	4.68	1 1-	2 ACSR 6/1	0	0	930	171	7	0	1	0.00	1.76	0
14270050	14270034	4.58	1 1-	2 ACSR 6/1	0	0	953	172	12	1	1	0.00	1.76	0
14380050	14380017	4.16	1 1-	2 ACSR 6/1	0	0	1064	175	3	0	0	0.00	1.71	0
14380040	14370055	4.25	42 1-	2 ACSR 6/1	0	0	1036	174	244	31	18	0.28	3.58	54
14380053	14380040	4.38	3 1-	2 ACSR 6/1	0	0	1003	173	20	2	1	0.01	3.59	0
14380054	14380053	4.49	1 1-	2 ACSR 6/1	0	0	974	172	10	1	1	0.00	3.59	0
14380018	14380040	4.54	39 1-	2 ACSR 6/1	0	0	962	172	224	29	16	0.24	3.82	43
14380070	14380018	4.64	25 1-	2 ACSR 6/1	0	0	938	171	154	20	11	0.06	3.88	7
14380071	14380070	4.76	25 1-	2 ACSR 6/1	0	0	911	170	154	20	11	0.07	3.95	8
14380033	14380071	4.81	24 1-	2 ACSR 6/1	0	0	901	170	147	19	11	0.02	3.97	3
14380034	14380033	4.85	20 1-	2 ACSR 6/1	0	0	893	170	123	16	9	0.02	3.99	2
14380035	14380034	4.88	19 1-	2 ACSR 6/1	0	0	886	170	112	14	8	0.01	4.00	1
14380036	14380035	4.94	15 1-	2 ACSR 6/1	0	0	874	169	100	12	7	0.02	4.02	1
14380037	14380036	4.97	12 1-	2 ACSR 6/1	0	0	868	169	81	10	6	0.01	4.03	0
14380032	14380037	4.99	12 1-	2 ACSR 6/1	0	0	864	169	81	10	6	0.01	4.04	0
14380045	14380032	5.12	9 1-	2 ACSR 6/1	0	0	838	168	64	8	5	0.03	4.07	1
14380046	14380045	5.16	8 1-	2 ACSR 6/1	0	0	832	168	54	7	4	0.01	4.07	0
14380039	14380046	5.18	7 1-	2 ACSR 6/1	0	0	828	167	48	6	3	0.00	4.08	0
14380044	14380039	5.20	2 1-	2 ACSR 6/1	0	0	824	167	15	2	1	0.00	4.08	0
14380042	14380039	5.20	4 1-	2 ACSR 6/1	0	0	823	167	28	3	2	0.00	4.08	0
14380043	14380042	5.23	3 1-	2 ACSR 6/1	0	0	818	167	18	2	1	0.00	4.08	0
14380038	14380032	5.02	2 1-	2 ACSR 6/1	0	0	857	169	8	1	1	0.00	4.04	0
14380072	14380038	5.06	1 1-	2 ACSR 6/1	0	0	849	168	1	0	0	0.00	4.04	0
14380074	14380072	5.17	0 1-	2 ACSR 6/1	0	0	829	168	0	0	0	0.00	4.04	0
14380073	14380072	5.09	0 1-	2 ACSR 6/1	0	0	843	168	0	0	0	0.00	4.04	0
14380031	14380033	4.86	2 1-	2 ACSR 6/1	0	0	889	170	14	1	1	0.00	3.98	0
14380075	14380018	4.61	12 1-	2 ACSR 6/1	0	0	946	171	57	7	4	0.01	3.84	0
14380076	14380075	4.68	11 1-	2 ACSR 6/1	0	0	928	171	51	6	4	0.01	3.85	0
14380077	14380076	4.78	10 1-	2 ACSR 6/1	0	0	907	170	39	5	3	0.01	3.86	0
14380041	14380077	4.84	2 1-	2 ACSR 6/1	0	0	894	170	11	1	1	0.00	3.87	0
14380057	14380077	4.85	8 1-	2 ACSR 6/1	0	0	892	170	27	3	2	0.01	3.87	0
14380058	14380057	4.88	7 1-	2 ACSR 6/1	0	0	885	170	25	3	2	0.00	3.87	0
14380059	14380058	5.06	6 1-	2 ACSR 6/1	0	0	849	168	19	2	1	0.01	3.89	0
14380056	14380059	5.28	4 1-	2 ACSR 6/1	0	0	810	167	12	1	1	0.01	3.89	0
14390020	14380056	5.35	3 1-	2 ACSR 6/1	0	0	798	166	8	1	1	0.00	3.90	0
14390021	14390020	5.63	2 1-	2 ACSR 6/1	0	0	753	164	7	0	0	0.00	3.90	0
14390018	14390021	5.72	0 1-	2 ACSR 6/1	0	0	739	164	0	0	0	0.00	3.90	0
14390022	14390018	5.85	0 1-	2 ACSR 6/1	0	0	720	163	0	0	0	0.00	3.90	0
14380055	14380059	5.13	1 1-	2 ACSR 6/1	0	0	836	168	4	0	0	0.00	3.89	0
14380078	14380076	4.75	1 1-	2 ACSR 6/1	0	0	915	170	12	1	1	0.00	3.85	0
14380027	14380018	4.60	2 1-	2 ACSR 6/1	0	0	948	172	13	1	1	0.00	3.82	0
14380028	14380027	4.72	1 1-	2 ACSR 6/1	0	0	921	171	1	0	0	0.00	3.83	0
14380030	14380028	4.83	0 1-	2 ACSR 6/1	0	0	897	170	0	0	0	0.00	3.83	0
14380029	14380028	4.80	1 1-	2 ACSR 6/1	0	0	903	170	1	0	0	0.00	3.83	0
14370105	14370041	3.71	2 1-	2 ACSR 6/1	0	0	1193	177	12	1	1	0.00	2.48	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
14370099	14370045	3.33	3 1-	2 ACSR 6/1	0	0	1323	179	14	1	1	0.00	1.69	0	
14370039	14370059	2.57	0 1-	2 ACSR 6/1	0	0	1623	182	0	0	0	0.00	1.54	0	
14260078	14160114	1.51	1 1-	2 ACSR 6/1	0	0	2341	186	4	0	0	0.00	1.48	0	
14160073	14160061	1.37	2 1-	2 ACSR 6/1	0	0	2484	186	5	0	0	0.00	1.29	0	
14160074	14160073	1.45	1 1-	2 ACSR 6/1	0	0	2378	185	2	0	0	0.00	1.30	0	
14160067	14160065	1.05	4 1-	2 ACSR 6/1	0	0	2894	187	45	5	3	0.01	0.89	0	
14160072	14160067	1.11	1 1-	2 ACSR 6/1	0	0	2780	187	10	1	1	0.00	0.89	0	
SUB 26, CKT 1															
BK2601	CMBRDLDFALLS(26)	0.00	572 3-	BK2601	4851	4896	5284	190	4602	192	92	0.00	0.00	0	
14070027	BK2601	0.05	572 3-	336 ACSR 18/1	4753	4776	5101	190	4602	192	36	0.06	0.05	168	
14070053	14070027	0.08	1 1-	2 ACSR 6/1	0	0	4932	189	14	1	1	0.00	0.06	0	
14070051	14070027	0.12	571 3-	336 ACSR 18/1	4614	4608	4849	189	4587	191	36	0.10	0.12	249	
14070052	14070051	0.15	2 1-	2 ACSR 6/1	0	0	4706	189	17	2	1	0.00	0.14	0	
14070087	14070052	0.26	1 1-	2 ACSR 6/1	0	0	4224	188	8	1	1	0.00	0.15	0	
14070050	14070051	0.18	567 3-	336 ACSR 18/1	4505	4479	4661	189	4556	190	36	0.08	0.17	202	
14070088	14070050	0.20	123 3-	1/0 ACSR 6/1	4464	4434	4595	189	795	33	14	0.01	0.18	6	
14070089	14070088	0.23	121 3-	1/0 ACSR 6/1	4390	4354	4482	189	777	32	14	0.01	0.20	10	
14070086	14070089	0.28	120 3-	1/0 ACSR 6/1	4245	4195	4264	189	766	32	14	0.03	0.23	19	
14070028	14070086	0.40	119 3-	1/0 ACSR 6/1	3986	3909	3892	188	757	31	14	0.05	0.28	37	
D14-07-P033	14070028	0.40	119 3-	REC-70-L	3986	3909	3892	188	757	31	45	0.00	0.28	0	
14070030	D14-07-P033	0.45	119 3-	1/0 ACSR 6/1	3871	3782	3733	188	757	31	14	0.02	0.31	18	
14070031	14070030	0.49	3 1-	2 ACSR 6/1	0	0	3626	188	22	2	0	0.00	0.13	0	
14070069	14070031	0.54	2 1-	2 ACSR 6/1	0	0	3482	187	15	1	1	0.00	0.14	0	
14070070	14070069	0.60	1 1-	2 ACSR 6/1	0	0	3301	187	12	1	1	0.00	0.14	0	
14070029	14070030	0.68	116 3-	1/0 ACSR 6/1	3443	3314	3178	187	735	30	13	0.10	0.41	73	
14180036	14070029	0.90	2 1-	2 ACSR 6/1	0	0	2719	185	0	0	0	0.00	0.17	0	
14170040	14180036	0.98	1 1- 15	KV 2 URD XLP	0	0	2581	461	0	0	0	0.00	0.17	0	
14180021	14070029	0.73	110 3-	1/0 ACSR 6/1	3361	3226	3078	186	701	29	13	0.02	0.43	15	
14180022	14180021	0.80	108 3-	1/0 ACSR 6/1	3252	3109	2947	186	691	28	13	0.03	0.46	21	
14180020	14180022	0.87	107 3-	1/0 ACSR 6/1	3147	2997	2824	186	681	28	12	0.03	0.49	20	
14180027	14180020	0.94	105 3-	1/0 ACSR 6/1	3051	2896	2714	185	674	28	12	0.03	0.52	19	
14180028	14180027	0.99	104 3-	1/0 ACSR 6/1	2979	2820	2632	185	666	27	12	0.02	0.55	15	
14180012	14180028	1.02	102 3-	1/0 ACSR 6/1	2938	2778	2587	185	658	27	12	0.01	0.56	8	
14180017	14180012	1.07	100 3-	1/0 ACSR 6/1	2883	2720	2525	185	640	26	12	0.02	0.58	12	
14180019	14180017	1.10	97 3-	1/0 ACSR 6/1	2845	2681	2484	184	618	25	11	0.01	0.59	8	
14180016	14180019	1.17	2 1-	2 ACSR 6/1	0	0	2371	184	20	2	1	0.00	0.21	0	
14180014	14180016	1.23	1 1-	2 ACSR 6/1	0	0	2295	183	9	1	1	0.00	0.21	0	
14180015	14180019	1.21	94 3-	1/0 ACSR 6/1	2713	2544	2342	184	590	24	11	0.04	0.63	29	
14180033	14180015	1.24	1 1-	2 ACSR 6/1	0	0	2304	184	9	1	1	0.00	0.20	0	
14180007	14180015	1.33	93 3-	1/0 ACSR 6/1	2588	2417	2211	183	581	24	11	0.04	0.67	30	
14180031	14180007	1.48	91 3-	1/0 ACSR 6/1	2448	2275	2067	182	564	23	10	0.05	0.73	37	
14180029	14180031	1.54	1 1-	2 ACSR 6/1	0	0	1996	182	8	1	1	0.00	0.19	0	
14180011	14180031	1.65	89 3-	1/0 ACSR 6/1	2297	2124	1916	182	548	23	10	0.06	0.79	43	
14280018	14180011	1.69	88 3-	1/0 ACSR 6/1	2265	2092	1885	181	539	22	10	0.01	0.80	10	
14280021	14280018	1.77	87 3-	1/0 ACSR 6/1	2203	2031	1825	181	535	22	10	0.03	0.83	19	
14280022	14280021	1.99	1 2-	2 ACSR 6/1	0	0	1847	1655	179	5	0	0.00	0.51	0	
14280030	14280022	2.02	1 2-	2 ACSR 6/1	0	0	1817	1628	179	5	0	0.00	0.51	0	
14280013	14280021	1.99	86 2-	2 ACSR 6/1	0	0	1912	1651	179	529	33	19	0.13	1.35	81
14280026	14280013	2.04	2 1-	2 ACSR 6/1	0	0	1615	179	14	1	1	0.00	0.99	0	
14280015	14280013	2.26	84 2-	2 ACSR 6/1	0	0	1728	1475	177	514	32	18	0.15	1.57	95
14280016	14280015	2.39	82 2-	2 ACSR 6/1	0	0	1649	1402	176	505	32	18	0.07	1.67	45
14280024	14280016	2.42	3 1-	2 ACSR 6/1	0	0	1387	176	9	1	1	0.00	1.20	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14280025	14280024	2.45	2 1-	2 ACSR 6/1	0	0	1371	176	7	0	0	0.00	1.20	0
14280031	14280016	2.46	2 1-	2 ACSR 6/1	0	0	1370	176	1	0	0	0.00	1.20	0
14280017	14280016	2.60	77 2-	2 ACSR 6/1	0	1539	1301	175	495	31	17	0.10	1.83	68
14280029	14280017	2.70	3 1-	2 ACSR 6/1	0	0	1256	174	11	1	1	0.00	1.30	0
14280033	14280029	2.76	1 1-	2 ACSR 6/1	0	0	1231	174	7	0	0	0.00	1.30	0
14280014	14280017	2.72	74 2-	2 ACSR 6/1	0	1480	1246	174	483	30	17	0.05	1.93	39
14180035	14280014	3.02	1 1-	2 ACSR 6/1	0	0	1133	172	7	0	1	0.00	1.36	0
14180009	14280014	2.92	67 2-	2 ACSR 6/1	0	1394	1169	173	442	28	16	0.06	2.06	54
D14-19-P009	14180009	2.92	13 1-	REC-35-H	0	0	1169	173	82	10	30	0.00	1.41	0
14190013	D14-19-P009	2.97	13 1-	2 ACSR 6/1	0	0	1149	172	82	10	6	0.01	1.43	0
14190012	14190013	3.02	2 1-	2 ACSR 6/1	0	0	1133	172	10	1	1	0.00	1.43	0
14190006	14190013	3.05	4 1-	2 ACSR 6/1	0	0	1122	172	30	3	2	0.01	1.43	0
14190007	14190006	3.16	2 1-	2 ACSR 6/1	0	0	1086	171	20	2	1	0.01	1.44	0
14180034	14190007	3.22	1 1-	2 ACSR 6/1	0	0	1067	171	3	0	0	0.00	1.44	0
14180010	14190007	3.53	1 1-	2 ACSR 6/1	0	0	978	168	17	2	1	0.01	1.45	0
14190011	14190013	3.07	3 1-	2 ACSR 6/1	0	0	1114	172	23	2	2	0.01	1.43	0
14190009	14190011	3.23	1 1-	2 ACSR 6/1	0	0	1064	170	6	0	0	0.00	1.43	0
14190008	14190011	3.17	1 1-	2 ACSR 6/1	0	0	1083	171	8	1	1	0.00	1.43	0
14190004	14180009	3.02	54 2-	2 ACSR 6/1	0	1354	1133	172	360	22	13	0.00	2.11	23
14190010	14190004	3.22	49 2-	2 ACSR 6/1	0	1279	1066	171	341	21	12	0.01	2.21	40
14290043	14190010	3.34	1 1-	2 ACSR 6/1	0	0	1030	170	13	1	1	0.00	3.00	0
14290044	14190010	3.40	47 2-	2 ACSR 6/1	0	1217	1012	169	325	20	12	0.01	2.29	33
14290060	14290044	3.48	1 1-	15 KV 2 URD XLP	0	0	990	368	11	1	1	0.00	1.43	0
14290049	14290044	3.48	46 2-	2 ACSR 6/1	0	1192	990	169	314	20	11	0.00	2.33	14
14290053	14290049	3.52	44 2-	2 ACSR 6/1	0	1180	979	168	305	19	11	0.00	2.34	7
14290054	14290053	3.56	43 2-	2 ACSR 6/1	0	1170	970	168	304	19	11	0.00	2.36	6
14290048	14290054	3.65	3 1-	2 ACSR 6/1	0	0	947	168	15	1	1	0.00	1.42	0
14290042	14290054	3.66	39 2-	2 ACSR 6/1	0	1140	944	168	281	18	10	-0.01	2.40	17
14290047	14290042	3.76	37 2-	2 ACSR 6/1	0	1112	920	167	269	17	10	-0.01	2.43	16
14290024	14290047	3.81	2 1-	2 ACSR 6/1	0	0	908	167	13	1	1	0.00	1.40	0
D14-29-P023	14290024	3.81	1 1-	FUS-50	0	0	908	167	2	0	1	0.00	1.40	0
14290067	D14-29-P023	4.24	1 1-	2 ACSR 6/1	0	0	820	164	2	0	0	0.00	1.40	0
14290021	14290047	3.88	34 2-	2 ACSR 6/1	0	1082	894	166	248	15	9	-0.02	2.47	17
14290023	14290021	3.95	33 2-	2 ACSR 6/1	0	1062	877	166	241	15	9	-0.01	2.49	11
14290022	14290023	4.00	32 2-	2 ACSR 6/1	0	1051	866	165	235	15	8	-0.01	2.51	7
14290037	14290022	4.04	0 1-	2 ACSR 6/1	0	0	858	165	0	0	0	0.00	1.35	0
14290020	14290022	4.12	31 2-	2 ACSR 6/1	0	1022	842	164	220	14	8	-0.03	2.54	17
D14-29-P029	14290020	4.12	27 1-	REC-25-H	0	0	842	164	204	26	105	0.00	3.75	0
14290025	D14-29-P029	4.16	27 1-	2 ACSR 6/1	0	0	836	164	204	26	15	0.02	3.78	4
14290026	14290025	4.20	26 1-	2 ACSR 6/1	0	0	828	164	199	25	14	0.03	3.80	5
14290027	14290026	4.24	2 1-	2 ACSR 6/1	0	0	820	164	18	2	1	0.00	3.81	0
14290028	14290027	4.30	1 1-	2 ACSR 6/1	0	0	809	163	10	1	1	0.00	3.81	0
14290029	14290026	4.30	23 1-	2 ACSR 6/1	0	0	808	163	170	21	12	0.06	3.87	8
14290033	14290029	4.38	14 1-	2 ACSR 6/1	0	0	795	163	89	11	6	0.02	3.89	2
14290057	14290033	4.54	13 1-	2 ACSR 6/1	0	0	767	162	81	10	6	0.04	3.93	3
14290062	14290057	4.65	7 1-	2 ACSR 6/1	0	0	750	161	35	4	3	0.01	3.95	0
14290063	14290062	4.72	4 1-	2 ACSR 6/1	0	0	739	161	20	2	1	0.00	3.95	0
14290064	14290063	4.85	2 1-	2 ACSR 6/1	0	0	720	160	9	1	1	0.00	3.95	0
14290039	14290064	4.92	1 1-	2 ACSR 6/1	0	0	710	159	0	0	0	0.00	3.95	0
14290071	14290062	4.69	2 1-	2 ACSR 6/1	0	0	744	161	13	1	1	0.00	3.95	0
14390031	14290071	4.91	1 1-	2 ACSR 6/1	0	0	711	159	9	1	1	0.00	3.95	0
14390017	14390031	4.97	0 1-	2 ACSR 6/1	0	0	703	159	0	0	0	0.00	3.95	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14290055	14290057	4.63	5 1-	2 ACSR 6/1	0	0	753	161	36	4	3	0.01	3.94	0
14290059	14290055	4.65	4 1-	2 ACSR 6/1	0	0	749	161	36	4	3	0.00	3.95	0
14290061	14290059	4.70	3 1-	2 ACSR 6/1	0	0	743	161	24	3	2	0.00	3.95	0
14290065	14290061	4.74	2 1-	2 ACSR 6/1	0	0	736	161	11	1	1	0.00	3.95	0
14290066	14290065	4.84	0 1-	2 ACSR 6/1	0	0	721	160	0	0	0	0.00	3.95	0
14290058	14290061	4.74	1 1-	2 ACSR 6/1	0	0	736	161	13	1	1	0.00	3.95	0
14290031	14290029	4.33	7 1-	2 ACSR 6/1	0	0	803	163	64	8	5	0.01	3.87	0
14290038	14290031	4.37	6 1-	2 ACSR 6/1	0	0	796	163	54	6	4	0.01	3.88	0
14290034	14290038	4.41	4 1-	2 ACSR 6/1	0	0	789	163	38	4	3	0.00	3.88	0
14290035	14290034	4.52	2 1-	2 ACSR 6/1	0	0	771	162	23	2	2	0.01	3.89	0
14290056	14290035	4.70	1 1-	2 ACSR 6/1	0	0	743	161	15	1	1	0.00	3.89	0
14290030	14290029	4.35	0 1-	2 ACSR 6/1	0	0	800	163	0	0	0	0.00	3.87	0
14290036	14290020	4.16	4 2-	2 ACSR 6/1	0	1014	835	164	16	1	1	0.00	2.54	0
14290032	14290036	4.32	4 2-	2 ACSR 6/1	0	980	806	163	16	1	1	0.00	2.54	0
D15-22-P001	14290032	4.32	1 1-	FUS	0	0	806	163	0	0	1	0.00	3.76	0
15220025	D15-22-P001	4.62	1 1-	2 ACSR 6/1	0	0	754	161	0	0	0	0.00	3.77	0
15220026	15220025	4.69	1 1-	2 ACSR 6/1	0	0	743	161	0	0	0	0.00	3.77	0
15220024	14290032	4.42	3 2-	2 ACSR 6/1	0	958	787	163	16	1	1	0.00	2.55	0
20850121	15220024	4.48	3 2-	2 ACSR 6/1	0	947	778	162	16	1	1	0.00	2.55	0
20850120	20850121	4.53	2 2-	2 ACSR 6/1	0	936	768	162	13	0	0	0.00	2.55	0
15220023	20850120	5.12	2 1-	2 ACSR 6/1	0	0	683	158	13	1	1	0.03	3.80	0
14390016	15220023	5.47	2 1-	2 ACSR 6/1	0	0	640	156	13	1	1	0.02	3.82	0
14390019	14390016	5.52	1 1-	2 ACSR 6/1	0	0	635	156	7	0	1	0.00	3.82	0
14390011	14390016	5.52	1 1-	2 ACSR 6/1	0	0	634	156	6	0	0	0.00	3.82	0
15220020	20850120	4.65	0 2-	2 ACSR 6/1	0	915	750	161	0	0	0	0.00	2.55	0
15-22-P016-A	15220020	4.65	0 2-	Open	0	915	750	161	0	0	0	0.00	2.55	0
14290045	14290042	3.71	1 1-	2 ACSR 6/1	0	0	932	167	10	1	1	0.00	1.41	0
14190005	14190004	3.29	5 1-	2 ACSR 6/1	0	0	1045	170	18	2	1	0.02	2.82	0
14290041	14190005	3.38	1 1-	2 ACSR 6/1	0	0	1018	169	3	0	0	0.00	2.82	0
14290040	14190005	3.36	1 1-	2 ACSR 6/1	0	0	1024	170	7	0	0	0.00	2.82	0
14290019	14190005	3.41	3 1-	2 ACSR 6/1	0	0	1009	169	9	1	1	0.00	2.82	0
14290052	14290019	3.64	2 1-	2 ACSR 6/1	0	0	950	168	2	0	0	0.00	2.83	0
14290046	14290052	3.75	1 1-	2 ACSR 6/1	0	0	923	167	0	0	0	0.00	2.83	0
14290051	14290019	3.49	1 1-	2 ACSR 6/1	0	0	989	169	7	0	1	0.00	2.83	0
14290050	14290019	3.47	0 1-	2 ACSR 6/1	0	0	993	169	0	0	0	0.00	2.82	0
14180008	14280014	2.82	6 1-	2 ACSR 6/1	0	0	1206	173	33	4	2	0.01	1.37	0
14280028	14180008	2.87	2 1-	2 ACSR 6/1	0	0	1186	173	5	0	0	0.00	1.37	0
14280027	14180008	2.85	2 1-	2 ACSR 6/1	0	0	1193	173	7	0	1	0.00	1.37	0
14280019	14180008	2.93	2 1-	2 ACSR 6/1	0	0	1166	173	21	2	1	0.01	1.37	0
14290070	14280019	2.99	1 1-	2 ACSR 6/1	0	0	1141	172	8	1	1	0.00	1.37	0
14280023	14280015	2.31	2 1-	2 ACSR 6/1	0	0	1450	177	8	1	1	0.00	1.14	0
14180030	14180007	1.43	2 1-	2 ACSR 6/1	0	0	2092	182	16	2	1	0.00	0.20	0
14180032	14180030	1.55	1 1-	2 ACSR 6/1	0	0	1961	182	7	0	0	0.00	0.20	0
14180018	14180017	1.11	1 1-	2 ACSR 6/1	0	0	2466	184	13	1	1	0.00	0.20	0
14180026	14180012	1.07	2 1-	2 ACSR 6/1	0	0	2514	184	17	2	1	0.00	0.20	0
14180013	14070029	0.72	4 1-	2 ACSR 6/1	0	0	3076	186	33	4	2	0.00	0.17	0
14180023	14180013	0.82	3 1-	2 ACSR 6/1	0	0	2879	186	25	3	2	0.01	0.18	0
14180025	14180023	0.93	1 1-	2 ACSR 6/1	0	0	2666	185	13	1	1	0.00	0.18	0
14180024	14180023	0.86	1 1-	2 ACSR 6/1	0	0	2794	185	6	0	0	0.00	0.18	0
14070064	14070050	0.23	444 3-	336 ACSR 18/1	4421	4380	4518	189	3759	157	30	0.06	0.21	112
14070075	14070064	0.29	439 3-	336 ACSR 18/1	4323	4265	4356	189	3716	155	29	0.07	0.26	131
14070076	14070075	0.35	438 3-	336 ACSR 18/1	4221	4147	4191	189	3713	155	29	0.07	0.31	143

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14070083	14070076	0.40	5 1-	2 ACSR 6/1	0	0	4024	189	26	3	2	0.00	0.34	0
14070077	14070083	0.44	3 1-	2 ACSR 6/1	0	0	3881	188	17	2	1	0.00	0.35	0
14070078	14070077	0.48	3 1-	2 ACSR 6/1	0	0	3749	188	17	2	1	0.00	0.35	0
14070079	14070078	0.57	1 1-	2 ACSR 6/1	0	0	3473	187	9	1	1	0.00	0.35	0
14070080	14070078	0.52	2 1-	2 ACSR 6/1	0	0	3623	188	8	1	1	0.00	0.35	0
14070103	14070076	0.39	431 3-	336 ACSR 18/1	4158	4074	4092	189	3670	153	29	0.05	0.34	90
14070105	14070103	0.44	2 3-	2 ACSR 6/1	4027	3932	3906	188	5	0	0	0.00	0.34	0
14070106	14070105	0.46	0 3-	2 ACSR 6/1	3988	3890	3852	188	0	0	0	0.00	0.34	0
14070104	14070103	0.43	428 3-	336 ACSR 18/1	4097	4005	3998	189	3655	152	29	0.05	0.37	88
14070082	14070104	0.53	1 1-	2 ACSR 6/1	0	0	3671	188	6	0	0	0.00	0.40	0
14070081	14070104	0.51	425 3-	336 ACSR 18/1	3985	3879	3829	189	3627	151	29	0.09	0.43	168
14070062	14070081	0.56	2 1-	2 ACSR 6/1	0	0	3670	188	13	1	1	0.00	0.46	0
14070061	14070081	0.54	3 1-	2 ACSR 6/1	0	0	3722	188	13	1	1	0.00	0.63	0
14070063	14070061	0.62	1 1-	2 ACSR 6/1	0	0	3487	188	8	0	1	0.00	0.63	0
14070040	14070081	0.57	420 3-	336 ACSR 18/1	3906	3790	3712	188	3599	150	28	0.07	0.47	124
8970025	14070040	0.59	420 3-	336 ACSR 18/1	3878	3759	3671	188	3598	150	28	0.02	0.49	45
D08-97-P013	8970025	0.59	4 1-	FUS-50	0	0	3671	188	45	5	12	0.00	0.72	0
8970037	D08-97-P013	0.65	4 1-	2 ACSR 6/1	0	0	3486	188	45	5	3	0.01	0.73	0
8970038	8970037	0.74	4 1-	2 ACSR 6/1	0	0	3261	187	45	5	3	0.01	0.74	0
8970023	8970038	0.83	2 1-	2 ACSR 6/1	0	0	3053	187	21	2	1	0.00	0.74	0
8970024	8970025	0.68	414 3-	336 ACSR 18/1	3754	3622	3496	188	3541	148	28	0.11	0.56	197
8970015	8970024	0.77	412 3-	336 ACSR 18/1	3648	3507	3350	188	3532	148	28	0.10	0.62	178
8980029	8970015	0.83	408 3-	336 ACSR 18/1	3584	3437	3263	188	3508	147	28	0.06	0.66	112
8980038	8980029	1.26	405 3-	336 ACSR 18/1	3144	2973	2708	187	3484	146	28	0.49	0.97	878
8880108	8980038	1.30	1 1-	2 ACSR 6/1	0	0	2645	187	0	0	0	0.00	0.47	0
8880059	8980038	1.32	343 3-	3/0 ACSR 6/1	3082	2909	2638	187	2949	124	41	0.09	1.03	163
CAP114	8880059	1.32	330 3-	Capacitor	0	0	0	0	2873	120	0	0.00	1.03	0
8980033	CAP114	1.38	330 3-	3/0 ACSR 6/1	3015	2841	2563	187	2873	120	40	0.11	1.10	177
8880124	8980033	1.44	328 3-	3/0 ACSR 6/1	2946	2772	2487	186	2860	121	40	0.12	1.18	189
8880175	8880124	1.48	4 1-	2 ACSR 6/1	0	0	2439	186	81	10	6	0.01	0.54	0
8880176	8880175	1.50	3 1-	2 ACSR 6/1	0	0	2412	186	76	10	6	0.00	0.54	0
8880125	8880124	1.51	306 3-	3/0 ACSR 6/1	2879	2704	2414	186	2632	111	37	0.10	1.25	165
8880199	8880125	1.58	1 1-	3/0 ACSR 6/1	0	0	2339	186	2	0	0	0.00	1.90	0
8880198	8880125	1.56	305 3-	3/0 ACSR 6/1	2820	2645	2352	186	2629	111	37	0.09	1.32	148
8880056	8880198	1.69	304 3-	3/0 ACSR 6/1	2699	2524	2225	185	2311	97	33	0.18	1.44	261
D08-88-P066	8880056	1.69	4 1-	FUS-40	0	0	2225	185	16	2	6	0.00	2.16	0
8880162	D08-88-P066	1.72	4 1-	2 ACSR 6/1	0	0	2192	185	16	2	1	0.00	2.17	0
8880189	8880162	1.76	2 1-	2 ACSR 6/1	0	0	2154	185	8	1	1	0.00	2.17	0
8880095	8880162	1.78	1 1-	2 ACSR 6/1	0	0	2127	185	4	0	0	0.00	2.17	0
8880122	8880056	1.72	126 3-	2 ACSR 6/1	2669	2492	2195	185	830	35	20	0.02	1.46	15
8880164	8880122	1.73	123 3-	2 ACSR 6/1	2653	2476	2180	185	808	34	19	0.01	1.47	7
D08-88-P279	8880164	1.73	123 3-	REC-50-L	2653	2476	2180	185	808	34	68	0.00	1.47	0
8880163	D08-88-P279	1.74	123 3-	2 ACSR 6/1	2643	2466	2170	185	808	34	19	0.01	1.47	5
8880123	8880163	1.80	120 3-	2 ACSR 6/1	2579	2399	2107	184	788	33	19	0.04	1.52	30
8880134	8880123	2.00	118 3-	2 ACSR 6/1	2373	2188	1913	183	780	33	18	0.14	1.67	100
8980050	8880134	2.02	117 3-	2 ACSR 6/1	2353	2168	1895	183	768	32	18	0.01	1.68	10
8980051	8980050	2.06	116 3-	2 ACSR 6/1	2308	2123	1853	182	761	32	18	0.03	1.72	23
8980025	8980051	2.15	79 3-	2 ACSR 6/1	2229	2044	1782	182	483	20	11	0.08	1.76	24
8980021	8980025	2.32	79 3-	2 ACSR 6/1	2088	1904	1657	181	483	20	11	0.17	1.84	46
8980049	8980021	2.36	79 3-	2 ACSR 6/1	2052	1868	1626	180	483	20	11	0.04	1.86	13
8990045	8980049	2.46	79 3-	2 ACSR 6/1	1973	1790	1557	179	483	20	11	0.10	1.91	29
8990046	8990045	2.50	2 1-	2 ACSR 6/1	0	0	1538	179	8	1	1	0.00	2.84	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8990047	8990046	2.54	0 1-	2 ACSR 6/1	0	0	1511	179	0	0	0	0.00	2.84	0
8990044	8990045	2.56	76 3-	2 ACSR 6/1	1907	1727	1502	179	465	19	11	0.09	1.95	24
8990053	8990044	2.59	2 1-	2 ACSR 6/1	0	0	1484	178	10	1	1	0.00	2.92	0
8990023	8990044	2.66	74 3-	2 ACSR 6/1	1839	1661	1444	178	455	19	11	0.09	2.00	25
8990054	8990023	2.69	3 1-	2 ACSR 6/1	0	0	1427	178	21	2	2	0.00	1.96	0
8990056	8990054	2.87	1 1- 15 KV	2 URD XLP	0	0	1338	408	3	0	0	0.00	1.96	0
8990055	8990054	2.80	2 1-	2 ACSR 6/1	0	0	1367	177	18	2	1	0.00	1.96	0
8990022	8990023	2.73	71 3-	2 ACSR 6/1	1790	1614	1403	177	433	18	10	0.07	2.03	19
8990031	8990022	2.75	35 1-	2 ACSR 6/1	0	0	1395	177	238	30	17	0.01	3.10	2
08-99-P009-A	8990031	2.75	35 1-	Closed	0	0	1395	177	238	30	0	0.00	3.10	0
08-99-P009-B	08-99-P009-A	2.75	35 1-	Closed	0	0	1395	177	238	30	0	0.00	3.10	0
8990039	08-99-P009-B	2.81	35 1-	2 ACSR 6/1	0	0	1365	177	238	30	17	0.05	3.15	10
8990042	8990039	2.96	5 1-	2 ACSR 6/1	0	0	1292	176	31	3	2	0.01	3.16	0
8990043	8990042	3.00	2 1-	2 ACSR 6/1	0	0	1277	175	8	1	1	0.00	3.16	0
8990040	8990039	3.04	5 1-	2 ACSR 6/1	0	0	1258	175	23	2	2	0.02	3.17	0
8990041	8990040	3.19	4 1-	2 ACSR 6/1	0	0	1199	174	14	1	1	0.01	3.18	0
8890156	8990041	3.27	3 1-	2 ACSR 6/1	0	0	1170	174	12	1	1	0.00	3.18	0
8890081	8890156	3.35	2 1-	2 ACSR 6/1	0	0	1141	173	9	1	1	0.00	3.18	0
8890079	8890081	3.47	1 1-	2 ACSR 6/1	0	0	1098	172	4	0	0	0.00	3.18	0
8890080	8890156	3.28	1 1-	2 ACSR 6/1	0	0	1164	173	3	0	0	0.00	3.18	0
8990038	8990039	2.87	25 1-	2 ACSR 6/1	0	0	1335	176	185	23	13	0.04	3.19	6
8990037	8990038	2.92	22 1-	2 ACSR 6/1	0	0	1314	176	174	22	12	0.03	3.22	4
8990030	8990037	2.97	3 1-	2 ACSR 6/1	0	0	1290	176	30	3	2	0.00	3.22	0
8990029	8990030	3.00	2 1-	2 ACSR 6/1	0	0	1277	175	21	2	2	0.00	3.23	0
8890062	8990037	2.95	18 1-	2 ACSR 6/1	0	0	1299	176	144	18	10	0.02	3.24	2
8890112	8890062	3.01	13 1-	2 ACSR 6/1	0	0	1271	175	117	15	8	0.02	3.26	2
8890111	8890112	3.03	11 1-	2 ACSR 6/1	0	0	1262	175	106	13	8	0.01	3.27	0
8890110	8890111	3.06	1 1-	2 ACSR 6/1	0	0	1252	175	11	1	1	0.00	3.27	0
8890109	8890111	3.11	9 1-	2 ACSR 6/1	0	0	1231	175	90	11	6	0.02	3.29	2
8890108	8890109	3.18	9 1-	2 ACSR 6/1	0	0	1203	174	90	11	6	0.02	3.31	1
8890150	8890108	3.26	5 1-	2 ACSR 6/1	0	0	1171	174	36	4	3	0.01	3.32	0
8890102	8890150	3.34	5 1-	2 ACSR 6/1	0	0	1143	173	36	4	3	0.01	3.33	0
8890152	8890102	3.40	4 1-	2 ACSR 6/1	0	0	1122	173	36	4	3	0.01	3.34	0
8890104	8890152	3.49	2 1-	2 ACSR 6/1	0	0	1093	172	17	2	1	0.00	3.34	0
8890105	8890104	3.55	1 1-	2 ACSR 6/1	0	0	1074	172	5	0	0	0.00	3.34	0
8890103	8890152	3.49	1 1-	2 ACSR 6/1	0	0	1093	172	7	0	0	0.00	3.34	0
8890151	8890150	3.32	0 1-	2 ACSR 6/1	0	0	1151	173	0	0	0	0.00	3.32	0
8890106	8890108	3.24	3 1-	2 ACSR 6/1	0	0	1181	174	40	5	3	0.01	3.32	0
8890107	8890106	3.29	1 1-	2 ACSR 6/1	0	0	1163	173	11	1	1	0.00	3.32	0
8890063	8890062	2.99	3 1-	2 ACSR 6/1	0	0	1281	176	16	2	1	0.00	3.24	0
8990036	8890063	3.11	2 1-	2 ACSR 6/1	0	0	1231	175	15	1	1	0.01	3.24	0
8890113	8990036	3.16	1 1-	2 ACSR 6/1	0	0	1210	174	10	1	1	0.00	3.24	0
8990021	8990022	3.07	35 1-	2 ACSR 6/1	0	0	1246	175	191	24	13	0.22	1.27	35
8990057	8990021	3.16	31 1-	2 ACSR 6/1	0	0	1210	174	164	20	12	0.05	1.32	7
14090013	8990057	3.23	30 1-	2 ACSR 6/1	0	0	1182	174	163	20	12	0.04	1.36	5
14090011	14090013	3.36	29 1-	2 ACSR 6/1	0	0	1138	173	163	20	12	0.07	1.43	9
14090012	14090011	3.39	28 1-	2 ACSR 6/1	0	0	1128	173	163	20	11	0.02	1.45	2
14090005	14090012	3.50	6 1-	2 ACSR 6/1	0	0	1090	172	20	2	1	0.01	1.46	0
14090006	14090005	3.55	6 1-	2 ACSR 6/1	0	0	1075	172	20	2	1	0.00	1.46	0
8990052	14090006	3.56	1 1-	2 ACSR 6/1	0	0	1070	171	8	0	1	0.00	1.46	0
8990035	14090006	3.64	5 1-	2 ACSR 6/1	0	0	1047	171	13	1	1	0.00	1.46	0
8990032	8990035	3.73	4 1-	2 ACSR 6/1	0	0	1021	170	5	0	0	0.00	1.47	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8990059	8990032	3.83	4 1-	2 ACSR 6/1	0	0	992	170	5	0	0	0.00	1.47	0
8990033	8990059	3.93	2 1-	2 ACSR 6/1	0	0	967	169	3	0	0	0.00	1.47	0
8990048	8990033	4.00	2 1-	2 ACSR 6/1	0	0	949	168	3	0	0	0.00	1.47	0
8990034	8990033	3.98	0 1-	2 ACSR 6/1	0	0	955	169	0	0	0	0.00	1.47	0
8990028	14090006	3.62	0 1-	2 ACSR 6/1	0	0	1053	171	0	0	0	0.00	1.46	0
14090003	14090012	3.56	22 1-	2 ACSR 6/1	0	0	1070	171	143	18	10	0.09	1.54	10
14090004	14090003	3.89	1 1-	2 ACSR 6/1	0	0	978	169	0	0	0	0.00	1.54	0
14090007	14090003	4.10	21 1-	2 ACSR 6/1	0	0	925	168	142	18	10	0.26	1.79	29
15120029	14090007	4.17	19 1-	2 ACSR 6/1	0	0	909	167	128	16	9	0.03	1.82	3
15120030	15120029	4.22	1 1-	2 ACSR 6/1	0	0	897	167	8	1	1	0.00	1.82	0
15120022	15120029	4.42	18 1-	2 ACSR 6/1	0	0	854	166	120	15	9	0.11	1.93	11
15120031	15120022	4.46	5 1-	2 ACSR 6/1	0	0	847	165	45	5	3	0.00	1.94	0
15120032	15120031	4.52	4 1-	2 ACSR 6/1	0	0	835	165	32	4	2	0.01	1.94	0
15120033	15120032	4.58	2 1-	2 ACSR 6/1	0	0	825	165	25	3	2	0.00	1.95	0
15120035	15120033	4.63	0 1-	2 ACSR 6/1	0	0	814	164	0	0	0	0.00	1.95	0
15120034	15120033	4.61	1 1-	2 ACSR 6/1	0	0	819	164	9	1	1	0.00	1.95	0
15120038	15120034	5.01	0 1-	2 ACSR 6/1	0	0	751	162	0	0	0	0.00	1.95	0
15120036	15120034	4.65	1 1-	2 ACSR 6/1	0	0	811	164	9	1	1	0.00	1.95	0
15120059	15120036	4.82	1 1-	2 ACSR 6/1	0	0	781	163	9	1	1	0.00	1.95	0
15120023	15120022	4.53	13 1-	2 ACSR 6/1	0	0	834	165	75	9	5	0.03	1.96	2
15120053	15120023	4.63	1 1-	2 ACSR 6/1	0	0	815	164	5	0	0	0.00	1.96	0
15120052	15120023	4.63	1 1-	2 ACSR 6/1	0	0	815	164	0	0	0	0.00	1.96	0
D15-12-P043	15120052	4.63	1 1-	FUS-25	0	0	815	164	0	0	0	0.00	1.96	0
15120060	D15-12-P043	5.19	1 1-	2 ACSR 6/1	0	0	724	161	0	0	0	0.00	1.96	0
15120041	15120023	4.63	11 1-	2 ACSR 6/1	0	0	815	164	70	8	5	0.02	1.98	1
15120042	15120041	4.69	10 1-	2 ACSR 6/1	0	0	804	164	69	8	5	0.01	2.00	0
15120054	15120042	4.74	5 1-	2 ACSR 6/1	0	0	795	164	31	3	2	0.00	2.00	0
15120056	15120054	4.86	2 1-	2 ACSR 6/1	0	0	774	163	13	1	1	0.00	2.01	0
15120055	15120054	4.80	2 1-	2 ACSR 6/1	0	0	785	163	8	0	1	0.00	2.00	0
15120024	15120042	4.78	5 1-	2 ACSR 6/1	0	0	788	163	38	4	3	0.01	2.01	0
15120028	15120024	4.87	0 1-	2 ACSR 6/1	0	0	773	163	0	0	0	0.00	2.01	0
15120057	15120024	4.86	2 1-	2 ACSR 6/1	0	0	774	163	14	1	1	0.00	2.01	0
15120026	15120024	4.88	2 1-	2 ACSR 6/1	0	0	772	163	15	1	1	0.00	2.01	0
15120027	15120026	4.97	1 1-	2 ACSR 6/1	0	0	756	162	9	1	1	0.00	2.01	0
8990026	8990021	3.13	1 1-	2 ACSR 6/1	0	0	1221	174	6	0	0	0.00	1.27	0
8990025	8990021	3.12	3 1-	2 ACSR 6/1	0	0	1226	175	20	2	1	0.00	1.27	0
8990027	8990025	3.17	2 1-	2 ACSR 6/1	0	0	1206	174	11	1	1	0.00	1.28	0
8990024	8990022	2.80	1 1-	2 ACSR 6/1	0	0	1372	177	4	0	0	0.00	1.95	0
8980026	8980021	2.37	0 1-	2 ACSR 6/1	0	0	1622	180	0	0	0	0.00	2.69	0
8980020	8980025	2.20	0 1-	2 ACSR 6/1	0	0	1744	181	0	0	0	0.00	2.52	0
8980052	8980051	2.13	37 1-	2 ACSR 6/1	0	0	1795	182	278	35	20	0.07	2.01	15
8980054	8980052	2.20	7 1-	2 ACSR 6/1	0	0	1745	181	43	5	3	0.01	2.02	0
8980055	8980054	2.24	6 1-	2 ACSR 6/1	0	0	1716	181	43	5	3	0.00	2.03	0
8980047	8980055	2.30	3 1-	2 ACSR 6/1	0	0	1667	181	20	2	1	0.00	2.03	0
8980053	8980052	2.19	29 1-	2 ACSR 6/1	0	0	1750	181	226	28	16	0.04	2.06	8
8980048	8980053	2.24	28 1-	2 ACSR 6/1	0	0	1711	181	218	27	15	0.04	2.10	7
8980023	8980048	2.34	21 1-	2 ACSR 6/1	0	0	1639	180	157	20	11	0.06	2.15	7
8980024	8980023	2.42	20 1-	2 ACSR 6/1	0	0	1588	180	150	19	11	0.04	2.19	5
8980062	8980024	2.57	19 1-	2 ACSR 6/1	0	0	1493	179	148	18	11	0.08	2.27	9
14080012	8980062	2.68	8 1-	2 ACSR 6/1	0	0	1433	178	72	9	5	0.03	2.30	2
14080014	14080012	2.72	1 1-	2 ACSR 6/1	0	0	1409	177	12	1	1	0.00	2.30	0
14080013	14080012	2.77	7 1-	2 ACSR 6/1	0	0	1386	177	60	7	4	0.02	2.32	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14080004	14080013	2.84	7 1-	2 ACSR 6/1	0	0	1352	177	60	7	4	0.01	2.33	0
14080006	14080004	2.94	3 1-	2 ACSR 6/1	0	0	1306	176	25	3	2	0.01	2.34	0
14080011	14080006	2.98	1 1-	2 ACSR 6/1	0	0	1288	176	10	1	1	0.00	2.34	0
14080005	14080004	2.90	4 1-	2 ACSR 6/1	0	0	1323	176	35	4	2	0.01	2.34	0
14080001	14080005	2.95	3 1-	2 ACSR 6/1	0	0	1301	176	23	2	2	0.00	2.34	0
14080015	14080001	3.00	2 1-	2 ACSR 6/1	0	0	1277	175	13	1	1	0.00	2.34	0
14080016	14080015	3.05	1 1-	2 ACSR 6/1	0	0	1257	175	2	0	0	0.00	2.34	0
14080003	14080013	2.81	0 1-	2 ACSR 6/1	0	0	1365	177	0	0	0	0.00	2.32	0
14080002	8980062	2.62	8 1-	2 ACSR 6/1	0	0	1465	178	73	9	5	0.01	2.28	0
8980063	14080002	2.67	5 1-	2 ACSR 6/1	0	0	1435	178	55	6	4	0.01	2.29	0
8980064	8980063	2.70	5 1-	2 ACSR 6/1	0	0	1420	178	55	6	4	0.00	2.30	0
8980032	8980064	2.78	0 1-	2 ACSR 6/1	0	0	1382	177	0	0	0	0.00	2.30	0
8980022	8980032	2.82	0 1-	2 ACSR 6/1	0	0	1360	177	0	0	0	0.00	2.30	0
8980044	8980064	2.78	4 1-	2 ACSR 6/1	0	0	1378	177	41	5	3	0.01	2.31	0
8980027	8980044	2.82	1 1-	2 ACSR 6/1	0	0	1359	177	13	1	1	0.00	2.31	0
8980030	8980044	2.88	3 1-	2 ACSR 6/1	0	0	1331	176	28	3	2	0.01	2.32	0
8980031	8980030	2.94	2 1-	2 ACSR 6/1	0	0	1304	176	16	2	1	0.00	2.32	0
8980061	8980024	2.48	1 1-	2 ACSR 6/1	0	0	1549	179	2	0	0	0.00	2.19	0
8980060	8980023	2.38	1 1-	2 ACSR 6/1	0	0	1613	180	7	0	0	0.00	2.15	0
8980057	8980048	2.29	7 1-	2 ACSR 6/1	0	0	1675	181	61	7	4	0.01	2.11	0
8980059	8980057	2.32	3 1-	2 ACSR 6/1	0	0	1651	180	27	3	2	0.00	2.11	0
8980058	8980057	2.34	3 1-	2 ACSR 6/1	0	0	1643	180	26	3	2	0.00	2.11	0
8980056	8980058	2.37	2 1-	2 ACSR 6/1	0	0	1618	180	21	2	2	0.00	2.11	0
8880133	8880123	1.86	2 1-	2 ACSR 6/1	0	0	2040	184	8	0	1	0.00	2.25	0
8880080	8880056	1.74	174 3-	3/0 ACSR 6/1	2659	2484	2184	185	1462	61	21	0.05	1.46	41
8880081	8880080	1.79	173 3-	3/0 ACSR 6/1	2617	2442	2141	185	1449	61	20	0.05	1.49	44
8880190	8880081	1.83	169 3-	3/0 ACSR 6/1	2579	2404	2102	185	1408	59	20	0.04	1.51	39
8880191	8880190	1.89	168 3-	3/0 ACSR 6/1	2534	2360	2057	185	1397	59	20	0.05	1.54	47
8880101	8880191	1.96	163 3-	3/0 ACSR 6/1	2480	2306	2003	184	1386	58	20	0.06	1.58	58
8880104	8880101	2.10	163 3-	3/0 ACSR 6/1	2379	2207	1904	184	1385	58	20	0.13	1.66	115
8880082	8880104	2.15	162 3-	3/0 ACSR 6/1	2341	2169	1867	184	1383	58	20	0.05	1.68	45
8880086	8880082	2.20	31 1-	2 ACSR 6/1	0	0	1823	183	236	30	17	0.04	2.03	8
8880171	8880086	2.21	30 1-	2 ACSR 6/1	0	0	1815	183	233	29	16	0.01	2.04	2
8880173	8880171	2.26	1 1-	2 ACSR 6/1	0	0	1781	183	8	1	1	0.00	2.04	0
8880172	8880171	2.27	29 1-	2 ACSR 6/1	0	0	1771	183	225	28	16	0.04	2.08	8
8880131	8880172	2.33	24 1-	2 ACSR 6/1	0	0	1729	182	178	22	13	0.03	2.12	5
8880132	8880131	2.36	23 1-	2 ACSR 6/1	0	0	1705	182	172	21	12	0.02	2.14	3
8880112	8880132	2.38	21 1-	2 ACSR 6/1	0	0	1688	182	158	20	11	0.01	2.15	2
8880166	8880112	2.42	20 1-	2 ACSR 6/1	0	0	1663	181	150	19	11	0.02	2.17	2
8890139	8880166	2.46	18 1-	2 ACSR 6/1	0	0	1636	181	128	16	9	0.02	2.18	2
8890119	8890139	2.49	17 1-	2 ACSR 6/1	0	0	1613	181	120	15	9	0.01	2.20	1
8890061	8890119	2.61	15 1-	2 ACSR 6/1	0	0	1538	180	101	12	7	0.04	2.24	4
8890118	8890061	2.65	2 1-	2 ACSR 6/1	0	0	1514	180	10	1	1	0.00	2.24	0
8890148	8890118	2.69	1 1-	2 ACSR 6/1	0	0	1494	179	5	0	0	0.00	2.24	0
8890124	8890061	2.68	13 1-	2 ACSR 6/1	0	0	1496	179	91	11	6	0.02	2.26	1
8890125	8890124	2.76	9 1-	2 ACSR 6/1	0	0	1450	179	64	8	5	0.02	2.28	0
8890126	8890125	2.79	7 1-	2 ACSR 6/1	0	0	1435	179	53	6	4	0.01	2.28	0
8890078	8890126	2.83	6 1-	2 ACSR 6/1	0	0	1416	178	47	6	3	0.01	2.29	0
8890128	8890078	2.89	2 1-	2 ACSR 6/1	0	0	1384	178	15	1	1	0.00	2.29	0
8890127	8890078	2.88	2 1-	2 ACSR 6/1	0	0	1391	178	19	2	1	0.00	2.29	0
8890077	8890126	2.89	1 1-	2 ACSR 6/1	0	0	1388	178	6	0	0	0.00	2.28	0
8890123	8890119	2.54	1 1-	2 ACSR 6/1	0	0	1581	181	11	1	1	0.00	2.20	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8880110	8880132	2.37	1 1-	2 ACSR 6/1	0	0	1695	182	6	0	0	0.00	2.14	0
8880129	8880172	2.30	5 1-	2 ACSR 6/1	0	0	1750	182	47	5	3	0.00	2.09	0
8880130	8880129	2.33	1 1-	2 ACSR 6/1	0	0	1727	182	14	1	1	0.00	2.09	0
8880084	8880082	2.31	2 1-	2 ACSR 6/1	0	0	1743	182	5	0	0	0.00	2.60	0
8880085	8880084	2.35	1 1-	2 ACSR 6/1	0	0	1712	182	3	0	0	0.00	2.60	0
8880083	8880082	2.22	127 3-	3/0 ACSR 6/1	2293	2123	1821	183	1124	47	16	0.08	1.71	50
	CAP116	8880083	2.22	126 3-	Capacitor	0	0	0	1112	47	0	0.00	1.71	0
8880102	CAP116	2.28	2 1-	2 ACSR 6/1	0	0	1778	183	20	2	1	0.00	2.02	0
8880058	CAP116	2.33	123 3-	3/0 ACSR 6/1	2221	2052	1753	183	1091	46	16	0.14	1.77	80
8890120	8880058	2.37	5 1-	2 ACSR 6/1	0	0	1730	183	26	3	2	0.00	2.08	0
8890074	8880058	2.38	118 3-	3/0 ACSR 6/1	2195	2027	1728	183	1064	45	15	0.06	1.79	30
8890075	8890074	2.43	117 3-	3/0 ACSR 6/1	2161	1994	1696	182	1048	45	15	0.07	1.82	40
8890073	8890075	2.45	38 1-	2 ACSR 6/1	0	0	1683	182	267	34	19	0.02	2.97	4
D08-89-P006	8890073	2.45	38 1-	RBC-50-L	0	0	1683	182	267	34	69	0.00	2.97	0
8890060	D08-89-P006	2.51	38 1-	2 ACSR 6/1	0	0	1642	182	267	34	19	0.06	3.02	12
8890067	8890060	2.62	31 1-	2 ACSR 6/1	0	0	1576	181	231	29	16	0.08	3.11	15
8880107	8890067	2.85	20 1-	2 ACSR 6/1	0	0	1440	179	145	18	10	0.12	3.23	15
8780036	8880107	2.91	13 1-	2 ACSR 6/1	0	0	1413	179	86	11	6	0.02	3.24	1
8780035	8780036	2.98	10 1-	2 ACSR 6/1	0	0	1375	178	70	8	5	0.02	3.26	0
8780046	8780035	3.12	9 1-	2 ACSR 6/1	0	0	1312	177	67	8	5	0.03	3.29	2
8780047	8780046	3.33	4 1-	2 ACSR 6/1	0	0	1223	176	22	2	2	0.02	3.31	0
8780049	8780047	3.39	2 1-	2 ACSR 6/1	0	0	1199	175	9	1	1	0.00	3.31	0
8780048	8780047	3.38	2 1-	2 ACSR 6/1	0	0	1205	175	13	1	1	0.00	3.31	0
8780040	8780046	3.32	5 1-	2 ACSR 6/1	0	0	1226	176	46	5	3	0.03	3.32	0
8780041	8780040	3.42	4 1-	2 ACSR 6/1	0	0	1190	175	35	4	3	0.01	3.33	0
8780042	8780041	3.50	3 1-	2 ACSR 6/1	0	0	1159	174	24	3	2	0.01	3.34	0
8780023	8780042	3.61	2 1-	2 ACSR 6/1	0	0	1120	174	18	2	1	0.01	3.35	0
8780038	8780023	3.66	1 1-	2 ACSR 6/1	0	0	1104	173	9	1	1	0.00	3.35	0
8780043	8780023	3.63	1 1-	2 ACSR 6/1	0	0	1114	174	9	1	1	0.00	3.35	0
8780024	8780043	3.74	1 1-	2 ACSR 6/1	0	0	1079	173	9	1	1	0.00	3.35	0
8780044	8780043	3.68	0 1-	2 ACSR 6/1	0	0	1097	173	0	0	0	0.00	3.35	0
8780039	8780036	2.96	2 1-	2 ACSR 6/1	0	0	1387	178	12	1	1	0.00	3.24	0
8780026	8880107	2.90	7 1-	2 ACSR 6/1	0	0	1414	179	59	7	4	0.01	3.24	0
8780034	8780026	2.94	5 1-	2 ACSR 6/1	0	0	1398	179	45	5	3	0.01	3.24	0
8780033	8780034	3.00	2 1-	2 ACSR 6/1	0	0	1367	178	20	2	1	0.00	3.25	0
8780032	8780033	3.14	1 1-	2 ACSR 6/1	0	0	1303	177	11	1	1	0.00	3.25	0
8780072	8780034	3.02	2 1-	2 ACSR 6/1	0	0	1358	178	24	3	2	0.01	3.25	0
8780073	8780072	3.07	1 1-	2 ACSR 6/1	0	0	1336	178	18	2	1	0.00	3.25	0
8780070	8780073	3.15	0 1-	2 ACSR 6/1	0	0	1298	177	0	0	0	0.00	3.25	0
8780069	8780073	3.10	1 1-	2 ACSR 6/1	0	0	1321	177	18	2	1	0.00	3.25	0
8780074	8780069	3.11	0 1-	2 ACSR 6/1	0	0	1316	177	0	0	0	0.00	3.25	0
8780075	8780074	3.22	0 1-	15 KV 2 URD XLP	0	0	1268	408	0	0	0	0.00	3.25	0
8780076	8780075	3.28	0 1-	15 KV 2 URD XLP	0	0	1245	405	0	0	0	0.00	3.25	0
8880106	8890067	2.68	9 1-	2 ACSR 6/1	0	0	1538	181	73	9	5	0.02	3.12	0
8780025	8880106	2.71	7 1-	2 ACSR 6/1	0	0	1522	180	54	6	4	0.01	3.13	0
8780059	8780025	2.74	6 1-	2 ACSR 6/1	0	0	1503	180	49	6	4	0.00	3.13	0
8790182	8780059	2.78	4 1-	2 ACSR 6/1	0	0	1483	180	34	4	2	0.00	3.13	0
8790185	8790182	2.81	3 1-	2 ACSR 6/1	0	0	1464	180	26	3	2	0.00	3.14	0
8790186	8790185	2.84	1 1-	2 ACSR 6/1	0	0	1448	179	7	0	1	0.00	3.14	0
8780045	8880106	2.69	1 1-	2 ACSR 6/1	0	0	1529	180	9	1	1	0.00	3.12	0
8890070	8890060	2.58	7 1-	2 ACSR 6/1	0	0	1602	181	36	4	3	0.01	3.03	0
8880194	8890070	2.59	0 1-	2 ACSR 6/1	0	0	1594	181	0	0	0	0.00	3.03	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8880111	8890070	2.65	7 1-	2 ACSR 6/1	0	0	1556	181	36	4	3	0.01	3.04	0
8880193	8880111	2.67	1 1-	2 ACSR 6/1	0	0	1541	181	6	0	0	0.00	3.04	0
8880103	8880111	2.70	5 1-	2 ACSR 6/1	0	0	1524	180	30	3	2	0.00	3.04	0
8890072	8890075	2.47	78 3-	3/0 ACSR 6/1	2140	1973	1676	182	773	33	11	0.03	1.83	11
8890071	8890072	2.58	77 3-	3/0 ACSR 6/1	2082	1916	1622	182	771	33	11	0.08	1.87	32
8890141	8890071	2.63	71 3-	3/0 ACSR 6/1	2052	1888	1596	182	757	32	11	0.04	1.89	15
8890140	8890141	2.64	70 3-	3/0 ACSR 6/1	2046	1882	1589	182	751	32	11	0.01	1.90	4
8890145	8890140	2.73	6 1-	2 ACSR 6/1	0	0	1538	181	50	6	4	0.01	2.21	0
8890143	8890145	2.76	3 1-	2 ACSR 6/1	0	0	1520	181	22	2	2	0.00	2.22	0
8890144	8890143	2.83	1 1-	2 ACSR 6/1	0	0	1480	180	8	1	1	0.00	2.22	0
8890146	8890145	2.82	2 1-	2 ACSR 6/1	0	0	1486	180	19	2	1	0.01	2.22	0
8890147	8890146	2.86	1 1-	2 ACSR 6/1	0	0	1463	180	12	1	1	0.00	2.22	0
8890149	8890147	2.88	1 1-	2 ACSR 6/1	0	0	1451	180	12	1	1	0.00	2.22	0
8890142	8890140	2.66	64 3-	3/0 ACSR 6/1	2036	1872	1581	182	701	30	10	0.02	1.90	5
8890121	8890142	2.69	2 1-	2 ACSR 6/1	0	0	1561	181	9	1	1	0.00	0.37	0
8890129	8890142	2.71	3 1-	2 ACSR 6/1	0	0	1549	181	20	2	1	0.00	0.37	0
8790192	8890129	2.82	2 1-	2 ACSR 6/1	0	0	1488	180	7	0	0	0.00	0.37	0
8790187	8790192	2.85	1 1-	2 ACSR 6/1	0	0	1471	180	3	0	0	0.00	0.37	0
8890064	8890142	2.70	59 3-	3/0 ACSR 6/1	2013	1850	1560	181	672	29	10	0.04	1.92	12
8790045	8890064	2.73	7 1-	2 ACSR 6/1	0	0	1547	181	34	4	2	0.00	3.17	0
8790046	8790045	2.78	6 1-	2 ACSR 6/1	0	0	1517	181	23	2	2	0.00	3.17	0
8790197	8790046	2.89	5 1-	2 ACSR 6/1	0	0	1456	180	17	2	1	0.01	3.18	0
8790199	8790197	2.95	3 1-	2 ACSR 6/1	0	0	1424	180	16	2	1	0.00	3.18	0
8790200	8790199	2.99	2 1-	2 ACSR 6/1	0	0	1403	179	15	1	1	0.00	3.19	0
8790198	8790197	3.00	2 1-	2 ACSR 6/1	0	0	1400	179	1	0	0	0.00	3.18	0
8790032	8890064	2.76	52 3-	3/0 ACSR 6/1	1983	1821	1532	181	638	27	9	0.05	1.94	14
8790033	8790032	2.93	51 3-	3/0 ACSR 6/1	1904	1745	1461	181	636	27	9	0.12	1.99	39
8790030	8790033	3.31	50 3-	3/0 ACSR 6/1	1745	1593	1322	179	602	26	9	0.28	2.10	87
D08-79-P065	8790030	3.31	37 1-	REC-50-L	0	0	1322	179	269	34	69	0.00	3.61	0
8790038	D08-79-P065	3.36	37 1-	2 ACSR 6/1	0	0	1302	179	269	34	19	0.04	3.66	9
8790023	8790038	3.57	36 1-	2 ACSR 6/1	0	0	1215	177	249	32	18	0.19	3.85	40
8790024	8790023	3.59	32 1-	2 ACSR 6/1	0	0	1208	177	223	28	16	0.02	3.86	3
8790209	8790024	3.61	31 1-	2 ACSR 6/1	0	0	1199	177	216	27	15	0.02	3.88	3
8790025	8790209	3.64	4 1-	2 ACSR 6/1	0	0	1189	177	25	3	2	0.00	3.88	0
8790044	8790025	3.67	3 1-	2 ACSR 6/1	0	0	1178	176	17	2	1	0.00	3.88	0
8790043	8790209	3.69	26 1-	2 ACSR 6/1	0	0	1172	176	187	24	13	0.05	3.93	7
8890082	8790043	3.71	24 1-	2 ACSR 6/1	0	0	1166	176	167	21	12	0.01	3.94	1
8890068	8890082	3.77	23 1-	2 ACSR 6/1	0	0	1145	176	155	20	11	0.03	3.97	4
8890088	8890068	3.82	4 1-	2 ACSR 6/1	0	0	1128	175	25	3	2	0.00	3.97	0
8890153	8890088	3.86	1 1-	2 ACSR 6/1	0	0	1115	175	9	1	1	0.00	3.97	0
8890069	8890068	3.88	17 1-	2 ACSR 6/1	0	0	1109	175	121	15	9	0.05	4.02	5
8890094	8890069	3.95	8 1-	2 ACSR 6/1	0	0	1087	174	49	6	4	0.01	4.03	0
8890095	8890094	4.11	7 1-	2 ACSR 6/1	0	0	1039	173	40	5	3	0.02	4.05	0
8890096	8890095	4.16	7 1-	2 ACSR 6/1	0	0	1026	173	40	5	3	0.01	4.06	0
8890098	8890096	4.21	6 1-	2 ACSR 6/1	0	0	1013	173	28	3	2	0.00	4.06	0
8890100	8890098	4.37	2 1-	2 ACSR 6/1	0	0	970	171	10	1	1	0.00	4.07	0
8890099	8890098	4.25	3 1-	2 ACSR 6/1	0	0	1000	172	11	1	1	0.00	4.06	0
8890097	8890096	4.25	1 1-	2 ACSR 6/1	0	0	1002	172	12	1	1	0.00	4.06	0
8890089	8890069	3.91	3 1-	2 ACSR 6/1	0	0	1099	175	28	3	2	0.00	4.02	0
8890122	8890089	4.06	1 1-	2 ACSR 6/1	0	0	1055	174	13	1	1	0.00	4.02	0
8890090	8890069	4.10	6 1-	2 ACSR 6/1	0	0	1042	173	43	5	3	0.03	4.05	1
8890091	8890090	4.19	5 1-	2 ACSR 6/1	0	0	1016	173	39	4	3	0.01	4.06	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8890065	8890091	4.25	3 1-	2 ACSR 6/1	0	0	1001	172	22	2	2	0.00	4.07	0
8890093	8890065	4.45	3 1- 15	KV 2 URD XLP	0	0	952	374	22	2	2	0.01	4.08	0
8890155	8890093	4.56	1 1- 15	KV 2 URD XLP	0	0	925	369	0	0	0	0.00	4.08	0
8890092	8890091	4.21	1 1-	2 ACSR 6/1	0	0	1013	172	15	1	1	0.00	4.06	0
8790190	8790023	3.60	4 1-	2 ACSR 6/1	0	0	1204	177	25	3	2	0.00	3.85	0
8790034	8790030	3.37	7 3-	3/0 ACSR 6/1	1721	1571	1301	179	280	12	4	0.01	2.11	2
8790188	8790034	3.40	5 3-	3/0 ACSR 6/1	1709	1559	1291	179	269	12	4	0.01	2.11	0
8790189	8790188	3.43	4 3-	3/0 ACSR 6/1	1697	1548	1281	179	265	12	4	0.01	2.12	0
8790041	8790189	3.46	1 3-	3/0 ACSR 6/1	1688	1539	1273	179	3	0	0	0.00	2.12	0
8790040	8790041	3.62	0 3-	3/0 ACSR 6/1	1630	1485	1224	178	0	0	0	0.00	2.12	0
08-79-P052-A	8790040	3.62	0 3-	Open	1630	1485	1224	178	0	0	0	0.00	2.12	0
8790037	8790041	3.61	1 1-	2 ACSR 6/1	0	0	1216	177	3	0	0	0.00	2.42	0
8790035	8790189	3.50	3 3-	3/0 ACSR 6/1	1675	1527	1262	178	262	12	4	0.01	2.12	0
8790036	8790035	3.52	1 1-	2 ACSR 6/1	0	0	1254	178	10	1	1	0.00	3.64	0
8790031	8790030	3.34	6 1-	2 ACSR 6/1	0	0	1306	179	53	6	4	0.01	3.62	0
8790194	8790031	3.46	4 1-	2 ACSR 6/1	0	0	1259	178	42	5	3	0.01	3.63	0
8790195	8790194	3.51	2 1-	2 ACSR 6/1	0	0	1240	178	20	2	1	0.00	3.63	0
8790196	8790195	3.56	0 1-	2 ACSR 6/1	0	0	1219	177	0	0	0	0.00	3.63	0
8790039	8890064	2.78	0 1-	2 ACSR 6/1	0	0	1516	181	0	0	0	0.00	2.22	0
8890076	8890071	2.59	6 1-	2 ACSR 6/1	0	0	1610	182	13	1	1	0.00	3.07	0
8880087	CAP116	2.29	1 1-	2 ACSR 6/1	0	0	1766	183	1	0	0	0.00	0.45	0
8880170	8880191	1.91	1 1-	2 ACSR 6/1	0	0	2031	184	1	0	0	0.00	1.75	0
8880105	8880191	1.93	3 1-	2 ACSR 6/1	0	0	2020	184	6	0	0	0.00	2.35	0
8880195	8880081	1.88	2 1-	2 ACSR 6/1	0	0	2049	184	25	3	2	0.01	2.26	0
8880196	8880195	1.96	1 1-	2 ACSR 6/1	0	0	1970	184	13	1	1	0.00	2.27	0
NEW LP3	8880198	1.56	1 3-	Consumer	2820	2645	2352	186	316	14	0	0.00	1.32	0
8880126	8880124	1.50	15 1-	2 ACSR 6/1	0	0	2399	186	126	16	9	0.02	1.82	2
8880167	8880126	1.56	13 1-	2 ACSR 6/1	0	0	2331	185	96	12	7	0.02	1.84	1
8880169	8880167	1.59	5 1- 15	KV 2 URD XLP	0	0	2288	465	53	6	4	0.01	1.84	0
8880174	8880169	1.68	4 1- 15	KV 2 URD XLP	0	0	2191	459	38	4	3	0.01	1.86	0
8880185	8880174	1.70	2 1- 15	KV 2 URD XLP	0	0	2175	458	19	2	1	0.00	1.86	0
8880168	8880167	1.58	8 1-	2 ACSR 6/1	0	0	2303	185	43	5	3	0.00	1.84	0
8880127	8880168	1.64	7 1-	2 ACSR 6/1	0	0	2221	185	39	5	3	0.01	1.85	0
8880186	8880127	1.68	6 1-	2 ACSR 6/1	0	0	2185	184	36	4	3	0.00	1.85	0
8880187	8880186	1.77	5 1-	2 ACSR 6/1	0	0	2079	184	30	3	2	0.01	1.86	0
8880128	8880187	1.91	3 1-	2 ACSR 6/1	0	0	1941	183	16	2	1	0.00	1.86	0
8880188	8880128	1.96	1 1- 15	KV 2 URD XLP	0	0	1899	446	4	0	0	0.00	1.86	0
8980036	8880059	1.41	7 3-	3/0 ACSR 6/1	2981	2807	2526	186	36	1	1	0.00	1.03	0
8980037	8980036	1.47	6 3-	3/0 ACSR 6/1	2914	2739	2452	186	27	1	0	0.00	1.03	0
8980043	8980037	1.49	3 3-	3/0 ACSR 6/1	2890	2715	2427	186	10	0	0	0.00	1.03	0
8980041	8980037	1.51	3 1-	2 ACSR 6/1	0	0	2394	186	17	2	1	0.00	1.58	0
8980042	8980041	1.55	2 1-	2 ACSR 6/1	0	0	2348	186	9	1	1	0.00	1.58	0
8980035	8880059	1.35	1 1-	2 ACSR 6/1	0	0	2587	186	3	0	0	0.00	1.04	0
8980034	8880059	1.36	3 1-	2 ACSR 6/1	0	0	2576	186	22	2	2	0.00	0.49	0
8980046	8980034	1.42	2 1-	2 ACSR 6/1	0	0	2477	186	11	1	1	0.00	0.49	0
8980045	8980034	1.46	1 1-	2 ACSR 6/1	0	0	2427	186	12	1	1	0.00	0.49	0
OH54	8980038	1.33	59 3-	336 ACSR 18/1	3085	2911	2637	187	515	21	4	0.01	0.98	6
OH55	OH54	1.38	59 3-	336 ACSR 18/1	3043	2868	2589	187	515	21	4	0.01	0.98	4
OH56	OH55	1.71	59 3-	336 ACSR 18/1	2794	2614	2307	186	515	21	4	0.06	1.02	27
OH57	OH56	1.78	59 3-	336 ACSR 18/1	2746	2566	2254	186	515	21	4	0.01	1.03	6
OH58	OH57	1.84	59 3-	336 ACSR 18/1	2709	2528	2214	186	515	21	4	0.01	1.04	5
OH59	OH58	1.92	59 3-	336 ACSR 18/1	2658	2478	2160	186	515	21	4	0.01	1.04	7

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
OH60	OH59	2.07	59 3-	336 ACSR 18/1	2563	2383	2059	185	515	21	4	0.03	1.06	13
OH61	OH60	2.18	59 3-	336 ACSR 18/1	2502	2323	1997	185	515	21	4	0.02	1.07	9
OH62	OH61	2.25	59 3-	336 ACSR 18/1	2462	2283	1956	185	515	21	4	0.01	1.08	6
OH64	OH62	2.26	59 3-	336 ACSR 18/1	2456	2277	1949	185	515	21	4	0.00	1.08	0
8870200	OH64	2.30	59 3-	2 ACSR 6/1	2416	2236	1913	184	515	21	12	0.02	1.10	15
OCD30	8870200	2.30	58 3-	REC-50-L	2416	2236	1913	184	507	21	43	0.00	1.10	0
8870201	OCD30	2.33	58 3-	2 ACSR 6/1	2391	2210	1890	184	507	21	12	0.01	1.12	9
8870202	8870201	2.42	57 3-	2 ACSR 6/1	2306	2123	1813	183	503	21	12	0.04	1.16	32
8870113	8870202	2.57	55 3-	2 ACSR 6/1	2183	2000	1706	182	497	20	12	0.05	1.23	48
8870115	8870113	2.61	3 1-	2 ACSR 6/1	0	0	1672	182	33	4	2	0.00	1.78	0
8870116	8870115	2.68	2 1-	2 ACSR 6/1	0	0	1629	181	23	2	2	0.00	1.78	0
8870117	8870116	2.72	1 1-	2 ACSR 6/1	0	0	1599	181	9	1	1	0.00	1.78	0
8870114	8870113	2.60	52 3-	2 ACSR 6/1	2159	1976	1685	182	463	19	11	0.01	1.25	10
8870273	8870114	2.65	2 1-	2 ACSR 6/1	0	0	1649	182	22	2	2	0.00	1.79	0
8870276	8870273	2.83	1 1-	2 ACSR 6/1	0	0	1535	180	11	1	1	0.00	1.79	0
8870118	8870114	2.64	50 3-	2 ACSR 6/1	2124	1941	1655	182	441	18	10	0.01	1.26	14
8870112	8870118	2.68	48 3-	2 ACSR 6/1	2095	1912	1629	181	431	18	10	0.01	1.28	11
8870105	8870112	2.72	47 3-	2 ACSR 6/1	2063	1880	1602	181	422	17	10	0.01	1.30	12
8870106	8870105	2.79	46 3-	2 ACSR 6/1	2011	1829	1558	181	413	17	10	0.01	1.33	19
8870103	8870106	2.85	46 3-	2 ACSR 6/1	1967	1785	1521	180	413	17	10	0.01	1.35	17
8770019	8870103	2.88	3 1-	2 ACSR 6/1	0	0	1504	180	22	2	2	0.00	1.83	0
8770025	8770019	2.91	3 1-	2 ACSR 6/1	0	0	1485	180	22	2	2	0.00	1.83	0
8770031	8770025	2.94	3 1-	2 ACSR 6/1	0	0	1470	179	22	2	2	0.00	1.83	0
8770036	8770031	2.97	2 1-	2 ACSR 6/1	0	0	1452	179	18	2	1	0.00	1.84	0
8770037	8770036	3.17	1 1-	2 ACSR 6/1	0	0	1351	178	5	0	0	0.00	1.84	0
8770026	8770037	3.22	0 1-	2 ACSR 6/1	0	0	1330	177	0	0	0	0.00	1.84	0
8770038	8770036	3.08	1 1-	2 ACSR 6/1	0	0	1396	178	12	1	1	0.00	1.84	0
8770016	8870103	2.92	41 3-	2 ACSR 6/1	1922	1742	1484	180	379	15	9	0.01	1.37	16
8870104	8770016	2.94	40 3-	2 ACSR 6/1	1904	1724	1469	179	364	15	9	0.00	1.38	6
8870184	8870104	3.29	33 3-	2 ACSR 6/1	1693	1520	1297	177	282	11	7	0.06	1.48	78
8880100	8870184	3.45	26 1-	2 ACSR 6/1	0	0	1232	176	234	29	17	0.13	2.03	24
8880180	8880100	3.48	2 1-	2 ACSR 6/1	0	0	1221	176	20	2	1	0.00	2.04	0
8880181	8880180	3.52	1 1-	2 ACSR 6/1	0	0	1206	175	10	1	1	0.00	2.04	0
8880113	8880100	3.54	24 1-	2 ACSR 6/1	0	0	1195	175	214	27	15	0.07	2.10	12
8880182	8880113	3.58	1 1-	2 ACSR 6/1	0	0	1182	175	14	1	1	0.00	2.11	0
8880114	8880113	3.61	21 1-	2 ACSR 6/1	0	0	1170	175	192	24	14	0.05	2.15	7
8880183	8880114	3.68	20 1-	2 ACSR 6/1	0	0	1147	174	188	23	13	0.04	2.19	6
8880184	8880183	3.71	19 1-	2 ACSR 6/1	0	0	1135	174	175	22	12	0.02	2.21	3
8880154	8880184	3.77	18 1-	2 ACSR 6/1	0	0	1114	173	163	20	12	0.03	2.25	4
8870278	8880154	3.81	17 1-	2 ACSR 6/1	0	0	1103	173	148	18	11	0.02	2.26	2
8870269	8870278	3.89	15 1-	2 ACSR 6/1	0	0	1076	173	138	17	10	0.04	2.31	5
8870288	8870269	3.94	1 1-	2 ACSR 6/1	0	0	1061	172	7	0	1	0.00	2.31	0
8870287	8870269	3.96	14 1-	2 ACSR 6/1	0	0	1056	172	131	16	9	0.03	2.33	3
8870270	8870287	4.02	13 1-	2 ACSR 6/1	0	0	1038	172	124	15	9	0.03	2.36	3
8870277	8870270	4.07	1 1-	2 ACSR 6/1	0	0	1024	171	11	1	1	0.00	2.36	0
8870282	8870270	4.07	11 1-	2 ACSR 6/1	0	0	1024	171	101	12	7	0.02	2.38	1
8870283	8870282	4.11	10 1-	2 ACSR 6/1	0	0	1013	171	93	11	7	0.01	2.39	0
8870248	8870283	4.14	7 1-	2 ACSR 6/1	0	0	1005	171	64	8	5	0.01	2.40	0
8870249	8870248	4.17	2 1-	2 ACSR 6/1	0	0	997	171	13	1	1	0.00	2.40	0
8870250	8870248	4.18	3 1-	2 ACSR 6/1	0	0	992	170	31	3	2	0.00	2.40	0
8870251	8870250	4.22	2 1-	2 ACSR 6/1	0	0	982	170	21	2	2	0.00	2.40	0
8870192	8870251	4.26	1 1-	2 ACSR 6/1	0	0	973	170	10	1	1	0.00	2.40	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8870247	8870283	4.15	1 1-	2 ACSR 6/1	0	0	1000	171	14	1	1	0.00	2.39	0
8870246	8870270	4.05	1 1-	2 ACSR 6/1	0	0	1028	171	12	1	1	0.00	2.36	0
8880115	8880114	3.64	1 1-	2 ACSR 6/1	0	0	1160	174	5	0	0	0.00	2.15	0
8880099	8870184	3.36	5 1-	2 ACSR 6/1	0	0	1268	176	42	5	3	0.01	1.92	0
8880177	8880099	3.39	1 1-	2 ACSR 6/1	0	0	1254	176	8	1	1	0.00	1.92	0
8880179	8880177	3.43	1 1- 15 KV	2 URD XLP	0	0	1238	405	8	1	1	0.00	1.92	0
8880178	8880177	3.49	0 1-	2 ACSR 6/1	0	0	1216	175	0	0	0	0.00	1.92	0
8880088	8880099	3.40	4 1-	2 ACSR 6/1	0	0	1253	176	34	4	2	0.00	1.92	0
8880089	8880088	3.59	3 1-	2 ACSR 6/1	0	0	1179	175	29	3	2	0.02	1.94	0
8880096	8880089	3.65	2 1-	2 ACSR 6/1	0	0	1155	174	22	2	2	0.00	1.94	0
8880097	8880096	4.02	1 1-	2 ACSR 6/1	0	0	1038	172	14	1	1	0.02	1.96	0
8880098	8880097	4.06	1 1-	2 ACSR 6/1	0	0	1026	171	14	1	1	0.00	1.96	0
8870119	8870104	2.98	7 1-	2 ACSR 6/1	0	0	1449	179	82	10	6	0.01	0.76	0
8870285	8870119	3.01	1 1-	2 ACSR 6/1	0	0	1433	179	10	1	1	0.00	0.76	0
8770034	8870285	3.06	1 1-	2 ACSR 6/1	0	0	1409	179	10	1	1	0.00	0.76	0
8770035	8770034	3.11	0 1-	2 ACSR 6/1	0	0	1384	178	0	0	0	0.00	0.76	0
8770033	8770034	3.07	1 1-	2 ACSR 6/1	0	0	1401	179	10	1	1	0.00	0.76	0
8870280	8870119	3.04	5 1-	2 ACSR 6/1	0	0	1418	179	59	7	4	0.01	0.77	0
8870281	8870280	3.10	4 1-	2 ACSR 6/1	0	0	1386	178	49	6	3	0.01	0.78	0
8880158	8870281	3.14	4 1-	2 ACSR 6/1	0	0	1367	178	49	6	3	0.01	0.79	0
8880159	8880158	3.18	3 1-	2 ACSR 6/1	0	0	1349	178	40	5	3	0.00	0.79	0
8880160	8880159	3.28	2 1-	2 ACSR 6/1	0	0	1303	177	25	3	2	0.01	0.80	0
8880156	8880160	3.31	1 1-	2 ACSR 6/1	0	0	1290	177	9	1	1	0.00	0.80	0
8880155	8880160	3.34	1 1-	2 ACSR 6/1	0	0	1277	177	16	2	1	0.00	0.80	0
8880157	8870281	3.12	0 1-	2 ACSR 6/1	0	0	1376	178	0	0	0	0.00	0.78	0
8870211	8870119	3.01	1 1-	2 ACSR 6/1	0	0	1432	179	13	1	1	0.00	0.76	0
8980040	8980029	0.86	2 1-	2 ACSR 6/1	0	0	3183	188	15	1	1	0.00	0.67	0
8980039	8980040	0.89	1 1-	2 ACSR 6/1	0	0	3113	187	4	0	0	0.00	0.67	0
8980028	8970015	0.82	3 1-	2 ACSR 6/1	0	0	3221	188	17	2	1	0.00	0.64	0
14070073	14070064	0.27	4 1-	2 ACSR 6/1	0	0	4329	189	41	5	3	0.01	0.30	0
14070074	14070073	0.31	3 1-	2 ACSR 6/1	0	0	4177	189	32	4	2	0.00	0.31	0
14070072	14070074	0.37	2 1-	2 ACSR 6/1	0	0	3956	188	21	2	1	0.00	0.31	0
14070099	14070027	0.06	0 3-	3/0 ACSR 6/1	4728	4748	5058	190	0	0	0	0.00	0.05	0
14-07-P010-A	14070099	0.06	0 3-	Open	4728	4748	5058	190	0	0	0	0.00	0.05	0

CKT 1 total losses: \$7,028

SUB 26, CKT 2

BK2602	CMBRLDFALLS(26)	0.00	266 3-	BK2602	4851	4896	5284	190	1871	78	37	0.00	0.00	0
14070100	BK2602	0.03	266 3-	336 ACSR 18/1	4798	4831	5184	190	1871	78	15	0.00	0.01	15
14070102	14070100	0.04	0 3-	4/0 ACSR 6/1	4771	4801	5136	190	0	0	0	0.00	0.01	0
14-07-P010-B	14070102	0.04	0 3-	Open	4771	4801	5136	190	0	0	0	0.00	0.01	0
14070101	14070100	0.05	266 3-	336 ACSR 18/1	4747	4769	5090	190	1871	78	15	0.00	0.02	15
14070056	14070101	0.12	68 3-	1/0 ACSR 6/1	4548	4552	4763	189	491	20	9	-0.01	0.04	14
14070057	14070056	0.19	65 3-	1/0 ACSR 6/1	4369	4354	4482	189	469	19	9	-0.01	0.06	13
14070058	14070057	0.24	63 3-	1/0 ACSR 6/1	4240	4208	4286	189	455	19	8	-0.01	0.08	10
14070066	14070058	0.31	62 3-	1/0 ACSR 6/1	4090	4040	4065	188	449	18	8	-0.01	0.10	12
14070067	14070066	0.39	61 3-	1/0 ACSR 6/1	3898	3824	3794	188	441	18	8	-0.01	0.12	16
14070068	14070067	0.46	3 1-	2 ACSR 6/1	0	0	3580	187	20	2	1	0.00	0.11	0
14070071	14070068	0.58	2 1-	2 ACSR 6/1	0	0	3238	186	9	1	1	0.00	0.11	0
14070038	14070067	0.49	58 3-	1/0 ACSR 6/1	3709	3613	3538	187	421	17	8	-0.02	0.14	17
14070060	14070038	0.53	1 1-	2 ACSR 6/1	0	0	3422	187	7	0	0	0.00	0.13	0
14070039	14070038	0.66	57 3-	1/0 ACSR 6/1	3403	3278	3147	186	414	17	8	-0.03	0.19	31

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8960032	8960031	1.42	2 1-	2 ACSR 6/1	0	0	2073	182	21	2	2	0.00	0.97	0
8960033	8960032	1.45	1 1-	2 ACSR 6/1	0	0	2037	182	12	1	1	0.00	0.97	0
8960017	8960032	1.53	1 1-	2 ACSR 6/1	0	0	1961	182	10	1	1	0.00	0.97	0
8960030	8960029	1.35	1 1-	2 ACSR 6/1	0	0	2137	183	3	0	0	0.00	0.94	0
8960028	8960027	1.37	3 1-	2 ACSR 6/1	0	0	2106	182	22	2	2	0.01	0.91	0
8960035	8960028	1.46	1 1-	2 ACSR 6/1	0	0	2002	182	13	1	1	0.00	0.91	0
8960022	8960021	1.22	1 1-	2 ACSR 6/1	0	0	2275	183	6	0	0	0.00	0.84	0
8960019	8960026	1.13	1 1-	2 ACSR 6/1	0	0	2379	184	10	1	1	0.00	0.79	0
8970018	8970026	0.97	6 1-	2 ACSR 6/1	0	0	2589	185	38	4	3	0.00	-0.13	0
8970031	8970018	1.07	4 1-	2 ACSR 6/1	0	0	2438	184	23	2	2	0.01	-0.13	0
8960025	8970031	1.09	3 1-	2 ACSR 6/1	0	0	2406	184	16	2	1	0.00	-0.13	0
8970030	8970018	1.02	2 1-	2 ACSR 6/1	0	0	2512	184	14	1	1	0.00	-0.13	0
8960018	8970030	1.09	1 1-	2 ACSR 6/1	0	0	2408	184	10	1	1	0.00	-0.13	0
14070065	14070058	0.29	1 1-	2 ACSR 6/1	0	0	4097	188	5	0	0	0.00	0.07	0
14070032	14070101	0.13	198 3-	336 ACSR 18/1	4599	4591	4824	189	1380	57	11	0.02	0.04	24
14070033	14070032	0.21	198 3-	336 ACSR 18/1	4446	4409	4560	189	1379	57	11	0.03	0.07	26
14070084	14070033	0.34	10 1-	2 ACSR 6/1	0	0	4053	188	64	8	4	0.03	0.13	1
14170012	14070084	0.37	4 1-	2 ACSR 6/1	0	0	3933	188	28	3	2	0.00	0.13	0
14170027	14170012	0.41	3 1-	2 ACSR 6/1	0	0	3803	188	18	2	1	0.00	0.13	0
14170028	14170027	0.46	0 1-	2 ACSR 6/1	0	0	3644	187	0	0	0	0.00	0.13	0
14170034	14170027	0.46	2 1-	2 ACSR 6/1	0	0	3648	187	15	1	1	0.00	0.14	0
14170046	14170034	0.52	1 1-	2 ACSR 6/1	0	0	3465	187	13	1	1	0.00	0.14	0
14170021	14070084	0.39	5 1-	2 ACSR 6/1	0	0	3867	188	33	4	2	0.01	0.13	0
14170020	14170021	0.44	4 1-	2 ACSR 6/1	0	0	3720	187	26	3	2	0.00	0.14	0
14070055	14170020	0.49	2 1-	2 ACSR 6/1	0	0	3556	187	10	1	1	0.00	0.14	0
14070035	14170020	0.46	2 1-	2 ACSR 6/1	0	0	3626	187	17	2	1	0.00	0.14	0
14070054	14070035	0.50	1 1-	2 ACSR 6/1	0	0	3513	187	6	0	0	0.00	0.14	0
14070085	14070033	0.43	186 3-	336 ACSR 18/1	4102	4010	4005	189	1312	54	10	0.08	0.13	59
14170035	14070085	0.49	1 1-	2 ACSR 6/1	0	0	3791	188	4	0	0	0.00	0.14	0
14170032	14070085	0.49	183 3-	336 ACSR 18/1	4017	3915	3877	189	1293	54	10	0.02	0.15	16
14170033	14170032	0.54	2 1-	2 ACSR 6/1	0	0	3701	188	10	1	1	0.00	0.08	0
14170031	14170032	0.53	17 1-	2 ACSR 6/1	0	0	3736	188	129	16	9	0.02	0.18	2
14170019	14170031	0.64	6 1-	2 ACSR 6/1	0	0	3425	187	41	5	3	0.01	0.19	0
14170023	14170019	0.69	4 1-	2 ACSR 6/1	0	0	3295	187	30	3	2	0.00	0.20	0
14170024	14170023	0.78	2 1-	2 ACSR 6/1	0	0	3061	186	16	1	1	0.00	0.20	0
14070059	14170024	0.84	1 1-	2 ACSR 6/1	0	0	2930	186	10	1	1	0.00	0.20	0
14170017	14170031	0.56	10 1-	2 ACSR 6/1	0	0	3647	188	79	9	6	0.01	0.19	0
14170018	14170017	0.61	9 1-	2 ACSR 6/1	0	0	3491	188	72	9	5	0.01	0.20	0
14170025	14170018	0.66	7 1-	2 ACSR 6/1	0	0	3372	187	60	7	4	0.01	0.21	0
14170022	14170025	0.75	2 1-	2 ACSR 6/1	0	0	3131	187	18	2	1	0.00	0.21	0
14170041	14170025	0.74	3 1-	2 ACSR 6/1	0	0	3167	187	27	3	2	0.01	0.22	0
14170043	14170041	0.82	1 1-	2 ACSR 6/1	0	0	2983	186	12	1	1	0.00	0.22	0
14170042	14170041	0.77	2 1-	2 ACSR 6/1	0	0	3086	186	15	1	1	0.00	0.22	0
14170029	14170032	0.56	163 3-	336 ACSR 18/1	3913	3798	3723	188	1139	47	9	0.02	0.17	15
14170030	14170029	0.67	2 1-	2 ACSR 6/1	0	0	3409	188	22	2	2	0.00	0.22	0
14170011	14170029	0.71	161 3-	336 ACSR 18/1	3728	3594	3459	188	1117	46	9	0.03	0.20	28
14170010	14170011	0.78	160 3-	336 ACSR 18/1	3642	3500	3342	188	1112	46	9	0.02	0.22	14
14170026	14170010	0.85	1 1-	15 KV 2 URD XLP	0	0	3189	482	18	2	1	0.00	0.23	0
14170044	14170010	0.81	159 3-	336 ACSR 18/1	3600	3455	3285	188	1094	45	9	0.01	0.23	7
14170045	14170044	0.84	157 3-	336 ACSR 18/1	3564	3416	3237	188	1085	45	9	0.01	0.23	6
14170016	14170045	0.92	1 1-	2 ACSR 6/1	0	0	3068	187	7	0	0	0.00	0.30	0
14170015	14170045	1.00	156 3-	336 ACSR 18/1	3396	3236	3018	188	1078	45	9	0.04	0.27	29

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14160064	14170015	1.06	155 3-	336 ACSR 18/1	3332	3169	2938	187	1076	45	9	0.01	0.28	11
14160110	14160064	1.11	154 3-	1/0 ACSR 6/1	3258	3092	2853	187	1065	44	19	0.03	0.32	28
14160111	14160110	1.21	150 3-	1/0 ACSR 6/1	3129	2958	2709	187	1029	43	19	0.06	0.38	49
14160075	14160111	1.27	149 3-	1/0 ACSR 6/1	3044	2870	2617	186	1020	42	19	0.04	0.42	34
14160078	14160075	1.30	144 3-	1/0 ACSR 6/1	3003	2829	2573	186	990	41	18	0.02	0.44	16
14160082	14160078	1.35	141 3-	1/0 ACSR 6/1	2950	2775	2517	186	979	41	18	0.03	0.46	21
14160116	14160082	1.40	137 3-	1/0 ACSR 6/1	2887	2710	2450	186	949	39	17	0.03	0.50	25
14160109	14160116	1.44	137 3-	1/0 ACSR 6/1	2835	2657	2396	185	949	39	17	0.03	0.52	21
14160080	14160109	1.50	0 1-	2 ACSR 6/1	0	0	2314	185	0	0	0	0.00	0.53	0
14160069	14160109	1.55	137 3-	1/0 ACSR 6/1	2720	2541	2279	185	949	39	17	0.06	0.58	49
14160079	14160069	1.66	2 1-	2 ACSR 6/1	0	0	2141	184	22	2	2	0.01	0.60	0
14160148	14160079	1.70	1 1-	1/0 ACSR 6/1	0	0	2105	184	10	1	1	0.00	0.60	0
14160070	14160069	1.59	134 3-	1/0 ACSR 6/1	2676	2496	2233	185	922	38	17	0.02	0.61	19
D14-16-P129	14160070	1.59	134 3-	REC-50-L	2676	2496	2233	185	921	38	77	0.00	0.61	0
14160071	D14-16-P129	1.61	134 3-	1/0 ACSR 6/1	2656	2475	2213	185	921	38	17	0.01	0.62	9
14160084	14160071	1.63	133 3-	1/0 ACSR 6/1	2630	2449	2187	184	907	38	17	0.01	0.63	11
14160100	14160084	1.71	1 1-	2 ACSR 6/1	0	0	2103	184	18	2	1	0.00	0.47	0
14160086	14160084	1.72	132 3-	1/0 ACSR 6/1	2542	2361	2101	184	889	37	16	0.05	0.68	38
14160085	14160086	1.80	87 3-	2 ACSR 6/1	2462	2279	2023	183	575	24	13	0.09	0.73	27
14160092	14160085	1.96	14 1-	2 ACSR 6/1	0	0	1869	182	106	13	7	0.06	0.58	5
14160093	14160092	2.09	13 1-	2 ACSR 6/1	0	0	1757	181	99	12	7	0.04	0.62	3
14160094	14160093	2.14	2 1-	2 ACSR 6/1	0	0	1718	181	13	1	1	0.00	0.62	0
14160132	14160093	2.17	6 1-	2 ACSR 6/1	0	0	1695	180	49	6	3	0.01	0.63	0
14160136	14160132	2.20	5 1-	2 ACSR 6/1	0	0	1678	180	40	4	3	0.00	0.63	0
14160141	14160136	2.23	3 1-	2 ACSR 6/1	0	0	1656	180	26	3	2	0.00	0.64	0
14160098	14160141	2.28	2 1-	2 ACSR 6/1	0	0	1621	180	16	2	1	0.00	0.64	0
14160099	14160098	2.30	1 1-	2 ACSR 6/1	0	0	1605	179	14	1	1	0.00	0.64	0
14160140	14160136	2.27	1 1-	2 ACSR 6/1	0	0	1625	180	5	0	0	0.00	0.63	0
14160135	14160140	2.32	0 1-	2 ACSR 6/1	0	0	1591	179	0	0	0	0.00	0.63	0
14160131	14160093	2.13	3 1-	2 ACSR 6/1	0	0	1728	181	22	2	2	0.00	0.62	0
14160147	14160131	2.15	2 1-	2 ACSR 6/1	0	0	1716	181	13	1	1	0.00	0.62	0
14160090	14160085	1.85	7 1-	2 ACSR 6/1	0	0	1975	183	49	6	3	0.01	0.90	0
14160091	14160090	1.88	7 1-	2 ACSR 6/1	0	0	1938	183	49	6	3	0.01	0.91	0
14160101	14160091	1.94	4 1-	2 ACSR 6/1	0	0	1882	182	30	3	2	0.01	0.91	0
14160102	14160101	1.98	3 1-	2 ACSR 6/1	0	0	1854	182	20	2	1	0.00	0.91	0
14160103	14160102	2.07	1 1-	2 ACSR 6/1	0	0	1778	181	8	1	1	0.00	0.91	0
14160117	14160085	2.02	66 3-	2 ACSR 6/1	2241	2057	1816	182	420	17	10	0.25	0.82	66
14160119	14160117	2.15	1 1-	2 ACSR 6/1	0	0	1716	181	10	1	1	0.00	1.02	0
14160118	14160117	2.08	63 3-	2 ACSR 6/1	2183	1998	1763	181	404	17	9	0.07	0.84	18
14160145	14160118	2.17	0 1-	2 ACSR 6/1	0	0	1695	180	0	0	0	0.00	1.09	0
14160146	14160145	2.27	0 1-	15 KV 2 URD XLP	0	0	1628	430	0	0	0	0.00	1.09	0
14160121	14160118	2.16	62 3-	2 ACSR 6/1	2115	1932	1703	181	389	16	9	0.08	0.87	20
14160122	14160121	2.32	61 3-	2 ACSR 6/1	1988	1807	1590	179	380	15	9	0.17	0.93	40
14160123	14160122	2.52	4 1-	2 ACSR 6/1	0	0	1470	178	31	3	2	0.02	1.36	0
14160134	14160123	2.70	1 1-	2 ACSR 6/1	0	0	1374	177	15	1	1	0.00	1.37	0
14160133	14160123	2.58	2 1-	2 ACSR 6/1	0	0	1433	177	6	0	0	0.00	1.36	0
14160125	14160133	2.65	1 1-	2 ACSR 6/1	0	0	1397	177	6	0	0	0.00	1.36	0
14160124	14160133	2.65	1 1-	2 ACSR 6/1	0	0	1400	177	0	0	0	0.00	1.36	0
14160057	14160122	2.36	43 1-	2 ACSR 6/1	0	0	1563	179	263	33	19	0.04	1.38	8
D14-16-P199	14160057	2.36	43 1-	REC-35-H	0	0	1563	179	263	33	95	0.00	1.38	0
14160062	D14-16-P199	2.41	43 1-	2 ACSR 6/1	0	0	1532	179	263	33	19	0.05	1.43	10
14160059	14160062	2.47	42 1-	2 ACSR 6/1	0	0	1497	178	259	32	18	0.05	1.48	11

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14160138	14160059	2.51	2 1-	2 ACSR 6/1	0	0	1476	178	12	1	1	0.00	1.48	0
14160127	14160059	2.57	40 1-	2 ACSR 6/1	0	0	1442	178	247	31	17	0.08	1.56	16
14160128	14160127	2.63	38 1-	2 ACSR 6/1	0	0	1411	177	234	29	16	0.05	1.61	9
14160139	14160128	2.72	36 1-	2 ACSR 6/1	0	0	1362	176	217	27	15	0.07	1.68	12
14150026	14160139	2.97	33 1-	2 ACSR 6/1	0	0	1249	175	204	25	14	0.17	1.85	28
14150033	14150026	3.02	30 1-	2 ACSR 6/1	0	0	1227	174	184	23	13	0.03	1.88	5
14150041	14150033	3.12	21 1-	2 ACSR 6/1	0	0	1187	173	134	17	9	0.05	1.93	5
14150027	14150041	3.17	20 1-	2 ACSR 6/1	0	0	1170	173	130	16	9	0.02	1.95	2
14150023	14150027	3.27	18 1-	2 ACSR 6/1	0	0	1134	172	128	16	9	0.05	2.00	5
14150024	14150023	3.31	1 1-	2 ACSR 6/1	0	0	1120	172	7	0	0	0.00	2.00	0
14150018	14150023	3.35	17 1-	2 ACSR 6/1	0	0	1105	172	122	15	9	0.03	2.03	3
14150028	14150018	3.41	1 1-	2 ACSR 6/1	0	0	1088	171	6	0	0	0.00	2.03	0
14150029	14150018	3.45	15 1-	2 ACSR 6/1	0	0	1073	171	105	13	7	0.04	2.06	3
14150031	14150029	3.50	10 1-	2 ACSR 6/1	0	0	1058	171	72	9	5	0.01	2.08	0
14150019	14150031	3.56	8 1-	2 ACSR 6/1	0	0	1039	170	56	7	4	0.01	2.09	0
14150020	14150019	3.62	1 1-	2 ACSR 6/1	0	0	1024	170	0	0	0	0.00	2.09	0
14150039	14150019	3.69	3 1-	2 ACSR 6/1	0	0	1004	170	20	2	1	0.00	2.09	0
14150032	14150039	3.78	0 1-	2 ACSR 6/1	0	0	979	169	0	0	0	0.00	2.09	0
14150037	14150019	3.70	2 1-	2 ACSR 6/1	0	0	1001	169	19	2	1	0.01	2.09	0
14150038	14150037	3.73	1 1-	2 ACSR 6/1	0	0	991	169	9	1	1	0.00	2.09	0
14150030	14150029	3.49	3 1-	2 ACSR 6/1	0	0	1061	171	27	3	2	0.00	2.07	0
14150042	14150030	3.64	2 1-	2 ACSR 6/1	0	0	1017	170	23	2	2	0.01	2.08	0
14150017	14150042	3.75	1 1-	2 ACSR 6/1	0	0	988	169	10	1	1	0.00	2.08	0
14150044	14150033	3.08	8 1-	2 ACSR 6/1	0	0	1204	174	37	4	3	0.01	1.89	0
14150045	14150044	3.13	7 1-	2 ACSR 6/1	0	0	1184	173	32	4	2	0.01	1.89	0
14150040	14150045	3.24	5 1-	2 ACSR 6/1	0	0	1144	173	24	3	2	0.01	1.90	0
14150034	14150040	3.31	4 1-	2 ACSR 6/1	0	0	1118	172	16	2	1	0.00	1.91	0
14150036	14150034	3.36	2 1-	2 ACSR 6/1	0	0	1102	172	6	0	0	0.00	1.91	0
14150016	14150036	3.47	1 1-	2 ACSR 6/1	0	0	1068	171	0	0	0	0.00	1.91	0
14150035	14150034	3.39	1 1-	2 ACSR 6/1	0	0	1092	172	1	0	0	0.00	1.91	0
14150021	14150026	3.03	2 1-	2 ACSR 6/1	0	0	1225	174	10	1	1	0.00	1.85	0
14150025	14160139	2.79	1 1-	2 ACSR 6/1	0	0	1329	176	5	0	0	0.00	1.68	0
14150022	14150025	2.89	0 1-	2 ACSR 6/1	0	0	1283	175	0	0	0	0.00	1.68	0
14160058	14160062	2.49	0 1-	2 ACSR 6/1	0	0	1488	178	0	0	0	0.00	1.43	0
14160126	14160062	2.46	1 1-	2 ACSR 6/1	0	0	1503	178	4	0	0	0.00	1.43	0
14160129	14160122	2.49	14 3-	2 ACSR 6/1	1868	1689	1485	178	85	3	2	0.00	0.94	2
14160137	14160129	2.54	8 3-	2 ACSR 6/1	1835	1657	1457	178	52	2	1	0.00	0.95	0
14160104	14160137	2.58	4 1-	2 ACSR 6/1	0	0	1434	177	29	3	2	0.00	0.52	0
14160088	14160104	2.62	1 1-	2 ACSR 6/1	0	0	1411	177	2	0	0	0.00	0.52	0
14160089	14160088	2.66	1 1-	2 ACSR 6/1	0	0	1392	177	2	0	0	0.00	0.52	0
14160087	14160104	2.61	1 1-	2 ACSR 6/1	0	0	1417	177	9	1	1	0.00	0.52	0
14160130	14160129	2.56	1 1-	2 ACSR 6/1	0	0	1447	178	16	2	1	0.00	0.97	0
14160120	14160118	2.15	1 1-	2 ACSR 6/1	0	0	1714	181	15	1	1	0.00	1.09	0
14160056	14160085	1.81	0 1-	2 ACSR 6/1	0	0	2005	183	0	0	0	0.00	0.77	0
14160096	14160086	1.87	40 3-	1/0 ACSR 6/1	2412	2232	1975	183	297	12	5	-0.04	0.71	24
D14-16-P006	14160096	1.87	34 1-	REC-35-H	0	0	1975	183	279	35	101	0.00	0.98	0
14160097	D14-16-P006	1.90	34 1-	2 ACSR 6/1	0	0	1942	183	279	35	20	0.03	1.01	8
14160105	14160097	1.95	32 1-	2 ACSR 6/1	0	0	1900	183	277	35	19	0.04	1.05	10
14160107	14160105	1.98	31 1-	2 ACSR 6/1	0	0	1868	182	270	34	19	0.03	1.09	7
14160115	14160107	2.02	15 1-	2 ACSR 6/1	0	0	1837	182	124	15	9	0.01	1.10	1
14060033	14160115	2.05	14 1-	2 ACSR 6/1	0	0	1814	182	113	14	8	0.01	1.11	0
14060022	14060033	2.11	12 1-	2 ACSR 6/1	0	0	1760	181	93	11	7	0.02	1.13	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14060023	14060022	2.18	10 1-	2 ACSR 6/1	0	0	1711	181	88	11	6	0.02	1.15	1
14060031	14060023	2.21	9 1-	2 ACSR 6/1	0	0	1685	181	76	9	5	0.01	1.16	0
14060040	14060031	2.26	8 1-	2 ACSR 6/1	0	0	1652	180	65	8	5	0.01	1.17	0
14060039	14060040	2.34	5 1-	2 ACSR 6/1	0	0	1596	180	48	6	3	0.01	1.18	0
14060036	14060039	2.40	3 1-	2 ACSR 6/1	0	0	1559	179	32	4	2	0.00	1.19	0
14060037	14060036	2.44	1 1-	2 ACSR 6/1	0	0	1531	179	10	1	1	0.00	1.19	0
14060038	14060040	2.34	2 1-	2 ACSR 6/1	0	0	1597	180	13	1	1	0.00	1.17	0
14060024	14060038	2.40	1 1-	2 ACSR 6/1	0	0	1554	179	12	1	1	0.00	1.18	0
14060030	14060023	2.24	1 1-	2 ACSR 6/1	0	0	1667	180	12	1	1	0.00	1.15	0
14060016	14060033	2.15	2 1-	2 ACSR 6/1	0	0	1730	181	20	2	1	0.01	1.12	0
14060017	14060016	2.20	1 1-	2 ACSR 6/1	0	0	1690	181	16	2	1	0.00	1.12	0
14160106	14160107	2.02	13 1-	2 ACSR 6/1	0	0	1833	182	112	14	8	0.01	1.10	1
14060025	14160106	2.05	11 1-	2 ACSR 6/1	0	0	1811	182	95	11	7	0.01	1.11	0
14060028	14060025	2.11	6 1-	2 ACSR 6/1	0	0	1763	181	58	7	4	0.01	1.12	0
14060029	14060028	2.18	4 1-	2 ACSR 6/1	0	0	1706	181	38	4	3	0.01	1.13	0
14060020	14060029	2.24	2 1-	2 ACSR 6/1	0	0	1663	180	26	3	2	0.01	1.13	0
14060021	14060020	2.28	2 1-	2 ACSR 6/1	0	0	1638	180	26	3	2	0.00	1.13	0
14060018	14060025	2.17	5 1-	2 ACSR 6/1	0	0	1714	181	36	4	3	0.01	1.12	0
14060034	14060018	2.26	4 1-	2 ACSR 6/1	0	0	1646	180	22	2	2	0.01	1.13	0
14060026	14060034	2.36	2 1-	2 ACSR 6/1	0	0	1585	179	10	1	1	0.00	1.13	0
14060035	14060034	2.37	1 1-	2 ACSR 6/1	0	0	1576	179	6	0	0	0.00	1.13	0
14160108	14160107	2.04	2 1-	2 ACSR 6/1	0	0	1820	182	21	2	1	0.00	1.09	0
14160095	14160096	1.95	5 1-	2 ACSR 6/1	0	0	1901	183	18	2	1	0.00	0.98	0
14060027	14160095	2.03	4 1-	2 ACSR 6/1	0	0	1827	182	17	2	1	0.00	0.99	0
14060032	14060027	2.08	2 1-	2 ACSR 6/1	0	0	1785	181	6	0	0	0.00	0.99	0
14060019	14060032	2.14	0 1-	2 ACSR 6/1	0	0	1736	181	0	0	0	0.00	0.99	0
14060015	14060032	2.12	2 1-	2 ACSR 6/1	0	0	1750	181	6	0	0	0.00	0.99	0
14160068	14160078	1.36	1 1-	2 ACSR 6/1	0	0	2494	186	1	0	0	0.00	0.45	0
14160076	14160075	1.38	3 1-	2 ACSR 6/1	0	0	2444	185	19	2	1	0.00	0.43	0
14160077	14160076	1.51	0 1-	2 ACSR 6/1	0	0	2270	184	0	0	0	0.00	0.43	0
14160063	14170015	1.02	1 1-	2 ACSR 6/1	0	0	2973	187	2	0	0	0.00	0.28	0
14170009	14170011	0.79	1 1-	2 ACSR 6/1	0	0	3255	188	4	0	0	0.00	0.26	0
14170013	14170009	0.87	1 1-	2 ACSR 6/1	0	0	3070	187	4	0	0	0.00	0.26	0
14170014	14170013	0.91	0 1-	2 ACSR 6/1	0	0	2976	187	0	0	0	0.00	0.26	0
14070034	14070033	0.29	2 1-	2 ACSR 6/1	0	0	4254	189	3	0	0	0.00	0.06	0

CKT 2 total losses: \$1,202

SUB 26, CKT 3

BK2603	CMBRDLFALLS(26)	0.00	453 3-	BK2603	4851	4896	5284	190	3676	153	73	0.00	0.00	0
OH8	BK2603	0.04	453 3-	336 ACSR 18/1	4774	4802	5140	190	3676	153	29	0.05	0.03	86
OH9	OH8	0.07	453 3-	336 ACSR 18/1	4712	4726	5025	190	3676	153	29	0.04	0.05	71
OH10	OH9	0.13	453 3-	336 ACSR 18/1	4594	4584	4814	189	3675	153	29	0.07	0.10	140
OH11	OH10	0.19	453 3-	336 ACSR 18/1	4484	4454	4624	189	3674	153	29	0.07	0.15	136
OH12	OH11	0.24	453 3-	336 ACSR 18/1	4405	4361	4490	189	3672	153	29	0.05	0.19	102
OH13	OH12	0.36	452 3-	336 ACSR 18/1	4210	4135	4174	189	3354	140	26	0.13	0.27	226
OH14	OH13	0.40	452 3-	336 ACSR 18/1	4147	4062	4074	189	3352	140	26	0.04	0.29	78
OH15	OH14	0.44	452 3-	336 ACSR 18/1	4085	3991	3979	189	3351	140	26	0.04	0.32	78
OH16	OH15	0.52	452 3-	336 ACSR 18/1	3975	3867	3814	189	3350	140	26	0.08	0.37	145
OH17	OH16	0.59	452 3-	336 ACSR 18/1	3878	3759	3672	188	3349	140	26	0.08	0.42	135
OH18	OH17	0.64	452 3-	336 ACSR 18/1	3807	3681	3571	188	3348	140	26	0.06	0.46	103
OH19	OH18	0.69	452 3-	336 ACSR 18/1	3742	3609	3479	188	3347	140	26	0.06	0.49	98
OH20	OH19	0.78	452 3-	336 ACSR 18/1	3636	3493	3333	188	3346	140	26	0.09	0.55	166

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
	OH21	0.84	452 3-	336 ACSR 18/1	3571	3423	3246	188	3344	140 26	0.06	0.59	106	
	OH22	1.27	452 3-	336 ACSR 18/1	3140	2968	2702	187	3343	140 26	0.46	0.88	818	
	8880109	1.32	452 3-	336 ACSR 18/1	3093	2919	2647	187	3336	140 26	0.06	0.91	102	
	8880078	1.38	2 1-	2 ACSR 6/1	0	0	2557	186 9	1	0	0.00	0.25	0	
	8880057	1.46	450 3-	336 ACSR 18/1	2981	2805	2517	187	3326	139 26	0.14	1.00	254	
D08-88-P004	8880057	1.46	30 1-	REC-35-L	0	0	2517	187	165	20 59	0.00	1.13	0	
	8880079	1.51	30 1-	2 ACSR 6/1	0	0	2447	186	165	20 12	0.03	1.16	3	
	8880092	1.57	21 1-	2 ACSR 6/1	0	0	2364	186 99	12	7	0.02	1.18	2	
	8880093	1.61	1 1-	2 ACSR 6/1	0	0	2307	185 7	0	0	0.00	1.18	0	
	8880200	1.72	1 1-	2 ACSR 6/1	0	0	2184	185 7	0	0	0.00	1.18	0	
	8880094	1.63	17 1-	2 ACSR 6/1	0	0	2285	185 80	10	6	0.02	1.19	0	
	8880116	1.67	14 1-	2 ACSR 6/1	0	0	2237	185 63	7 4	0.01	1.20	0		
	8880117	1.73	11 1-	2 ACSR 6/1	0	0	2171	184 50	6 4	0.01	1.21	0		
	8880118	1.75	5 1-	2 ACSR 6/1	0	0	2147	184 30	3 2	0.00	1.21	0		
	8880119	1.77	3 1-	2 ACSR 6/1	0	0	2124	184 22	2 2	0.00	1.21	0		
	8880192	1.86	1 1-	2 ACSR 6/1	0	0	2032	183 9	1 1	0.00	1.21	0		
	8880120	1.90	1 1-	2 ACSR 6/1	0	0	1989	183 5	0	0	0.00	1.21	0	
	8880090	1.57	5 1-	2 ACSR 6/1	0	0	2359	186 42	5 3	0.01	1.17	0		
	8880091	1.62	2 1-	2 ACSR 6/1	0	0	2298	185 19	2 1	0.00	1.17	0		
	8880161	1.57	418 3-	336 ACSR 18/1	2894	2715	2417	186 3141	132 25	0.11	1.07	187		
D08-88-P002	8880161	1.57	416 3-	ER3-RE-200/120-	2894	2715	2417	186 3133	131 115	0.00	1.07	0		
	8880153	1.66	416 3-	336 ACSR 18/1	2829	2650	2346	186 3133	131 25	0.09	1.12	143		
	8880121	1.79	414 3-	336 ACSR 18/1	2737	2557	2244	186 3127	131 25	0.13	1.20	218		
D08-87-P234	8880121	1.79	12 1-	FUS-50	0	0	2244	186 107	13	29	0.00	0.37	0	
	8870234	1.87	12 1-	2 ACSR 6/1	0	0	2157	185 107	13 7	0.03	0.40	2		
	8970034	1.97	2 1-	2 ACSR 6/1	0	0	2059	184 25	3 2	0.00	0.40	0		
	8970033	1.97	4 1-	2 ACSR 6/1	0	0	2052	184 35	4 2	0.01	0.41	0		
	8970029	2.10	2 1-	2 ACSR 6/1	0	0	1930	183 19	2 1	0.00	0.41	0		
	8870198	2.20	0 1-	2 ACSR 6/1	0	0	1842	183 0	0 0	0.00	0.41	0		
	8970017	2.25	1 1-	2 ACSR 6/1	0	0	1799	182 6	0 0	0.01	0.42	0		
	8970016	2.29	0 1-	2 ACSR 6/1	0	0	1770	182 0	0 0	0.00	0.42	0		
	8970019	2.42	1 1-	2 ACSR 6/1	0	0	1671	181 6	0 0	0.00	0.42	0		
	8970040	2.59	0 1-	1/0 ACSR 6/1	0	0	1576	180 0	0 0	0.00	0.42	0		
	8970032	1.92	5 1-	2 ACSR 6/1	0	0	2103	185 46	5 3	0.01	0.41	0		
	8870197	2.16	4 1-	2 ACSR 6/1	0	0	2065	184 39	4 3	0.00	0.41	0		
	8870196	2.01	3 1-	2 ACSR 6/1	0	0	2019	184 28	3 2	0.00	0.42	0		
	8870268	2.03	1 1-	2 ACSR 6/1	0	0	1995	184 9	1 1	0.00	0.42	0		
	8870194	1.84	402 3-	336 ACSR 18/1	2709	2529	2214	186 3018	127 24	0.04	1.23	65		
	8870195	1.89	399 3-	336 ACSR 18/1	2672	2492	2175	186 2999	126 24	0.06	1.26	86		
	8870193	1.96	396 3-	336 ACSR 18/1	2631	2451	2132	185 2975	125 24	0.07	1.30	99		
	8870214	1.99	394 3-	336 ACSR 18/1	2611	2431	2110	185 2969	125 24	0.04	1.32	51		
	8870215	2.06	393 3-	336 ACSR 18/1	2572	2392	2069	185 2963	124 24	0.07	1.35	97		
	8870218	2.10	392 3-	336 ACSR 18/1	2544	2364	2040	185 2958	124 24	0.05	1.38	73		
	8870221	2.19	1 1-	2 ACSR 6/1	0	0	1957	184 10	1 1	0.00	0.25	0		
	8870219	2.14	390 3-	336 ACSR 18/1	2524	2344	2019	185 2946	124 23	0.04	1.40	53		
	8870108	2.20	389 3-	336 ACSR 18/1	2488	2309	1983	185 2936	123 23	0.06	1.44	94		
	8870107	2.22	388 3-	336 ACSR 18/1	2476	2297	1970	185 2922	123 23	0.02	1.45	32		
	8870223	2.31	387 3-	336 ACSR 18/1	2431	2253	1925	185 2914	122 23	0.08	1.49	121		
D08-87-P031	8870223	2.31	25 1-	FUS-50	0	0	1925	185 170	21 47	0.00	2.45	0		
	8870227	2.41	25 1-	2 ACSR 6/1	0	0	1837	184 170	21 12	0.06	2.51	8		
	8870231	2.47	5 1-	2 ACSR 6/1	0	0	1791	183 34	4 2	0.01	2.52	0		
	8870232	2.51	4 1-	2 ACSR 6/1	0	0	1758	183 24	3 2	0.00	2.52	0		

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8870228	8870227	2.47	2 1-	2 ACSR 6/1	0	0	1790	183	15	1	1	0.00	2.52	0
8870226	8870227	2.43	17 1-	2 ACSR 6/1	0	0	1821	184	114	14	8	0.01	2.52	0
8870233	8870226	2.49	13 1-	2 ACSR 6/1	0	0	1773	183	81	10	6	0.02	2.54	1
8870236	8870233	2.55	1 1-	2 ACSR 6/1	0	0	1730	183	6	0	0	0.00	2.54	0
8870237	8870236	2.61	1 1-	2 ACSR 6/1	0	0	1691	182	6	0	0	0.00	2.54	0
8870235	8870233	2.57	11 1-	2 ACSR 6/1	0	0	1717	183	69	8	5	0.02	2.56	0
8870242	8870235	2.77	6 1-	2 ACSR 6/1	0	0	1581	181	36	4	3	0.02	2.58	0
8870199	8870242	2.90	3 1-	2 ACSR 6/1	0	0	1505	180	22	2	2	0.01	2.59	0
8870279	8870199	2.94	2 1-	2 ACSR 6/1	0	0	1483	180	12	1	1	0.00	2.59	0
8870239	8870235	2.60	4 1-	2 ACSR 6/1	0	0	1698	182	25	3	2	0.00	2.56	0
8870240	8870239	2.63	3 1-	2 ACSR 6/1	0	0	1672	182	19	2	1	0.00	2.56	0
8870241	8870240	2.68	2 1-	2 ACSR 6/1	0	0	1640	182	17	2	1	0.00	2.56	0
8870238	8870235	2.59	1 1-	2 ACSR 6/1	0	0	1703	182	9	1	1	0.00	2.56	0
8870229	8870226	2.50	4 1-	2 ACSR 6/1	0	0	1770	183	32	4	2	0.01	2.53	0
8870230	8870229	2.51	1 1-	2 ACSR 6/1	0	0	1758	183	13	1	1	0.00	2.53	0
8870224	8870223	2.37	360 3-	336 ACSR 18/1	2397	2220	1891	184	2724	114	22	0.05	1.53	82
8870243	8870224	2.45	357 3-	336 ACSR 18/1	2359	2182	1852	184	2694	113	21	0.06	1.57	94
8870244	8870243	2.49	7 1-	2 ACSR 6/1	0	0	1817	184	50	6	4	0.01	2.58	0
8870245	8870244	2.51	6 1-	2 ACSR 6/1	0	0	1805	184	48	6	3	0.00	2.58	0
8870171	8870245	2.53	5 1-	2 ACSR 6/1	0	0	1784	184	41	5	3	0.00	2.59	0
8870173	8870171	2.68	4 1-	2 ACSR 6/1	0	0	1680	183	37	4	3	0.02	2.60	0
8870174	8870173	2.73	3 1-	2 ACSR 6/1	0	0	1648	182	24	3	2	0.00	2.60	0
8870175	8870174	2.77	1 1-	2 ACSR 6/1	0	0	1623	182	10	1	1	0.00	2.61	0
8870176	8870175	2.86	0 1-	2 ACSR 6/1	0	0	1561	181	0	0	0	0.00	2.61	0
8870172	8870171	2.56	1 1-	2 ACSR 6/1	0	0	1762	183	4	0	0	0.00	2.59	0
8870177	8870243	2.51	348 3-	1/0 ACSR 6/1	2313	2136	1811	184	2635	111	48	0.11	1.66	226
CAP107	8870177	2.51	347 3-	Capacitor	2313	2136	1811	184	2625	110	0	0.00	1.66	0
8870178	CAP107	2.57	347 3-	1/0 ACSR 6/1	2265	2089	1769	184	2625	111	48	0.13	1.77	241
8870205	8870178	2.63	1 1-	2 ACSR 6/1	0	0	1725	183	10	1	1	0.00	0.61	0
8870189	8870178	2.75	345 3-	1/0 ACSR 6/1	2144	1970	1662	183	2609	110	48	0.35	2.05	648
8870203	8870189	2.79	328 3-	1/0 ACSR 6/1	2117	1943	1639	183	2451	104	45	0.08	2.12	134
8870204	8870203	2.82	6 1-	2 ACSR 6/1	0	0	1620	182	20	2	1	0.00	2.29	0
8870185	8870204	2.93	5 1-	15 KV 2 URD XLP	0	0	1557	437	20	2	2	0.01	2.30	0
8870210	8870185	3.05	4 1-	15 KV 2 URD XLP	0	0	1495	430	19	2	1	0.01	2.31	0
8870284	8870210	3.14	1 1-	15 KV 2 URD XLP	0	0	1448	425	3	0	0	0.00	2.31	0
8870186	8870203	2.84	321 3-	1/0 ACSR 6/1	2083	1910	1609	182	2421	102	45	0.10	2.20	165
8870187	8870186	2.88	320 3-	1/0 ACSR 6/1	2060	1888	1590	182	2395	101	44	0.07	2.25	112
8870188	8870187	2.91	319 3-	1/0 ACSR 6/1	2042	1870	1574	182	2393	101	44	0.06	2.30	90
8870179	8870188	2.96	318 3-	1/0 ACSR 6/1	2013	1842	1549	182	2381	101	44	0.09	2.37	146
8870180	8870179	3.02	14 1-	2 ACSR 6/1	0	0	1514	181	147	18	10	0.03	2.57	3
8870181	8870180	3.09	13 1-	2 ACSR 6/1	0	0	1477	181	130	16	9	0.03	2.61	3
8870183	8870181	3.14	1 1-	2 ACSR 6/1	0	0	1446	180	13	1	1	0.00	2.61	0
8870182	8870181	3.13	1 1-	2 ACSR 6/1	0	0	1454	180	0	0	0	0.00	2.61	0
8870217	8870181	3.22	11 1-	2 ACSR 6/1	0	0	1409	180	117	14	8	0.05	2.66	5
8770027	8870217	3.25	10 1-	2 ACSR 6/1	0	0	1391	179	109	13	8	0.01	2.67	1
8770029	8770027	3.34	8 1-	2 ACSR 6/1	0	0	1351	179	93	11	7	0.02	2.70	2
8770030	8770029	3.37	1 1-	2 ACSR 6/1	0	0	1334	178	11	1	1	0.00	2.70	0
8770028	8770029	3.39	6 1-	2 ACSR 6/1	0	0	1328	178	62	7	4	0.01	2.70	0
8770021	8770028	3.44	1 1-	15 KV 2 URD XLP	0	0	1305	416	14	1	1	0.00	2.71	0
8770020	8770028	3.45	2 1-	2 ACSR 6/1	0	0	1302	178	17	2	1	0.00	2.71	0
8770022	8770020	3.49	2 1-	15 KV 2 URD XLP	0	0	1283	414	17	2	1	0.00	2.71	0
8870121	8870179	3.10	304 3-	1/0 ACSR 6/1	1934	1765	1482	181	2233	95	41	0.25	2.56	369

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
8870170	8870121	3.18	302 3-	1/0 ACSR 6/1	1886	1719	1442	180	2211	94 41	0.16	2.69	231	
8870169	8870170	3.20	1 1-	2 ACSR 6/1	0	0	1435	180	60	8 5	0.00	3.97	0	
8870168	8870170	3.25	301 3-	1/0 ACSR 6/1	1851	1685	1413	180	2149	91 40	0.11	2.78	166	
D08-86-P020	8870168	3.25	11 1-	FUS	0	0	1413	180	49	6 145	0.00	4.08	0	
8860064	D08-86-P020	3.35	11 1-	2 ACSR 6/1	0	0	1367	179	49	6 4	0.02	4.09	0	
8860032	8860064	3.39	8 1-	2 ACSR 6/1	0	0	1349	179	36	4 3	0.00	4.10	0	
8860034	8860032	3.41	5 1-	2 ACSR 6/1	0	0	1339	179	18	2 1	0.00	4.10	0	
8860035	8860034	3.45	4 1-	2 ACSR 6/1	0	0	1322	179	8	1 1	0.00	4.10	0	
8860037	8860035	3.54	1 1-	2 ACSR 6/1	0	0	1283	178	0	0 0	0.00	4.10	0	
8860036	8860035	3.51	1 1-	2 ACSR 6/1	0	0	1295	178	0	0 0	0.00	4.10	0	
8860033	8860032	3.43	1 1-	2 ACSR 6/1	0	0	1329	179	7	0 0	0.00	4.10	0	
8860031	8860064	3.39	2 1-	2 ACSR 6/1	0	0	1348	179	6	0 0	0.00	4.09	0	
8860040	8870168	3.28	286 3-	1/0 ACSR 6/1	1839	1674	1403	180	2082	88 39	0.03	2.81	52	
8860039	8860040	3.37	283 3-	1/0 ACSR 6/1	1791	1628	1363	179	2055	87 38	0.15	2.93	217	
8760081	8860039	3.45	279 3-	1/0 ACSR 6/1	1758	1596	1336	179	2027	86 38	0.11	3.02	155	
8760082	8760081	3.49	278 3-	1/0 ACSR 6/1	1738	1577	1319	179	2016	86 38	0.07	3.08	94	
8760083	8760082	3.70	277 3-	1/0 ACSR 6/1	1647	1490	1245	178	2006	85 37	0.31	3.34	451	
8760084	8760083	3.75	3 1-	2 ACSR 6/1	0	0	1227	177	20	2 1	0.00	4.75	0	
8760087	8760084	3.82	2 1-	2 ACSR 6/1	0	0	1199	177	16	2 1	0.00	4.75	0	
8760088	8760087	3.94	1 1-	2 ACSR 6/1	0	0	1158	176	7	0 0	0.00	4.75	0	
8760089	8760083	3.74	2 1-	2 ACSR 6/1	0	0	1230	177	10	1 1	0.00	4.74	0	
8760085	8760083	3.76	272 3-	1/0 ACSR 6/1	1625	1469	1227	177	1972	84 37	0.08	3.41	114	
8760086	8760085	3.77	271 3-	1/0 ACSR 6/1	1618	1463	1222	177	1963	84 37	0.02	3.43	32	
8760074	8760086	3.87	270 3-	1/0 ACSR 6/1	1578	1425	1190	177	1956	83 37	0.14	3.55	210	
8760090	8760074	3.94	267 3-	1/0 ACSR 6/1	1556	1404	1171	177	1942	83 36	0.08	3.63	122	
8760059	8760090	3.97	7 1-	2 ACSR 6/1	0	0	1158	176	23	2 2	0.00	5.07	0	
8760060	8760059	4.01	4 1-	2 ACSR 6/1	0	0	1144	176	6	0 0	0.00	5.07	0	
8760058	8760090	3.97	259 3-	1/0 ACSR 6/1	1543	1392	1161	176	1909	82 36	0.04	3.67	66	
CAP115	8760058	3.97	258 3-	Capacitor	0	0	0	0	1887	81 0	0.00	3.67	0	
8760050	CAP115	4.04	258 3-	1/0 ACSR 6/1	1517	1367	1140	176	1887	81 36	0.10	3.76	141	
8760052	8760050	4.08	57 3-	2 ACSR 6/1	1503	1353	1129	176	635	27 15	0.01	3.78	13	
D08-76-P029	8760052	4.08	6 1-	FUS-25	0	0	1129	176	29	3 17	0.00	3.77	0	
8760064	D08-76-P029	4.58	6 1-	2 ACSR 6/1	0	0	984	172	29	3 2	0.05	3.82	1	
8770024	8760064	4.69	4 1-	2 ACSR 6/1	0	0	956	171	23	3 2	0.01	3.83	0	
8770017	8770024	4.74	2 1-	2 ACSR 6/1	0	0	945	171	17	2 1	0.00	3.83	0	
8770018	8770017	4.84	1 1-	2 ACSR 6/1	0	0	923	170	4	0 0	0.00	3.83	0	
8770023	8760064	4.67	1 1-	2 ACSR 6/1	0	0	962	171	3	0 0	0.00	3.82	0	
8760049	8760052	4.14	51 3-	2 ACSR 6/1	1478	1329	1110	175	606	26 15	0.02	3.82	23	
D08-76-P034	8760049	4.14	51 3-	REC-35-H	1478	1329	1110	175	605	26 76	0.00	3.82	0	
8760048	D08-76-P034	4.57	51 3-	2 ACSR 6/1	1316	1174	985	172	605	26 15	0.16	4.10	165	
8760043	8760048	5.48	51 3-	2 ACSR 6/1	1065	939	796	166	604	26 15	0.33	4.69	342	
D08-67-P009	8760043	5.48	22 1-	FUS-20	0	0	796	166	161	21 119	0.00	5.74	0	
8670024	D08-67-P009	5.67	22 1-	2 ACSR 6/1	0	0	765	165	161	21 12	0.11	5.85	15	
8670023	8670024	5.75	19 1-	2 ACSR 6/1	0	0	752	164	139	18 10	0.04	5.89	5	
8670027	8670023	5.80	4 1-	2 ACSR 6/1	0	0	744	164	23	3 2	0.00	5.90	0	
8670028	8670027	5.96	3 1-	2 ACSR 6/1	0	0	721	163	15	2 1	0.01	5.91	0	
8660050	8670028	5.99	1 1-	2 ACSR 6/1	0	0	717	162	5	0 0	0.00	5.91	0	
8660049	8670028	5.99	2 1-	2 ACSR 6/1	0	0	717	162	11	1 1	0.00	5.91	0	
8670021	8670023	5.86	14 1-	2 ACSR 6/1	0	0	736	163	110	14 8	0.04	5.94	4	
8660053	8670021	5.89	12 1-	2 ACSR 6/1	0	0	732	163	94	12 7	0.01	5.94	0	
8660055	8660053	5.91	11 1-	2 ACSR 6/1	0	0	729	163	86	11 6	0.01	5.95	0	
8660056	8660055	6.03	7 1-	2 ACSR 6/1	0	0	712	162	64	8 5	0.03	5.98	1	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8560016	8660056	6.06	6 1-	2 ACSR 6/1	0	0	707	162	49	6	4	0.01	5.99	0
8560017	8560016	6.10	5 1-	2 ACSR 6/1	0	0	702	162	39	5	3	0.00	5.99	0
8560027	8560017	6.13	1 1-	2 ACSR 6/1	0	0	698	162	11	1	1	0.00	5.99	0
8560010	8560017	6.16	3 1-	2 ACSR 6/1	0	0	695	161	23	3	2	0.00	5.99	0
8560018	8560010	6.19	2 1-	2 ACSR 6/1	0	0	690	161	12	1	1	0.00	6.00	0
8560009	8560010	6.23	1 1-	2 ACSR 6/1	0	0	685	161	11	1	1	0.00	6.00	0
8560015	8660056	6.06	1 1-	2 ACSR 6/1	0	0	707	162	14	1	1	0.00	5.98	0
8660054	8660055	5.99	2 1-	2 ACSR 6/1	0	0	717	162	12	1	1	0.00	5.95	0
8660051	8670021	5.88	2 1-	2 ACSR 6/1	0	0	733	163	17	2	1	0.00	5.94	0
8660052	8660051	5.92	1 1-	2 ACSR 6/1	0	0	727	163	9	1	1	0.00	5.94	0
8670026	8670024	5.71	1 1-	2 ACSR 6/1	0	0	758	164	12	1	1	0.00	5.85	0
8670025	8670024	5.71	1 1-	2 ACSR 6/1	0	0	758	164	6	0	0	0.00	5.85	0
8670019	8760043	5.55	29 3-	2 ACSR 6/1	1048	924	784	165	439	19	11	-0.02	4.72	22
8670016	8670019	5.62	28 3-	2 ACSR 6/1	1034	911	773	165	429	19	11	-0.02	4.75	20
8670030	8670016	5.73	2 1-	2 ACSR 6/1	0	0	756	164	4	0	0	0.00	5.71	0
8670017	8670016	5.67	26 3-	2 ACSR 6/1	1023	901	765	165	425	18	10	-0.01	4.77	15
8670022	8670017	5.89	25 3-	2 ACSR 6/1	979	860	732	163	402	17	10	-0.06	4.87	64
8570028	8670022	5.92	14 2-	2 ACSR 6/1	0	926	728	163	302	20	11	-0.01	5.05	8
8570010	8570028	7.17	13 1- 15 KV	2 URD XLP	0	0	577	295	295	39	24	1.96	6.44	496
8580037	8570010	7.23	0 1- 15 KV	2 URD XLP	0	0	571	294	0	0	0	0.00	6.44	0
8580078	8580037	7.37	0 1- 15 KV	2 URD XLP	0	0	559	290	0	0	0	0.00	6.44	0
8580076	8580037	7.26	0 1- 15 KV	2 URD XLP	0	0	568	293	0	0	0	0.00	6.44	0
8580077	8580076	7.36	0 1- 15 KV	2 URD XLP	0	0	560	290	0	0	0	0.00	6.44	0
8580053	8570010	7.23	2 1- 15 KV	2 URD XLP	0	0	571	294	14	1	1	0.00	6.44	0
8580038	8570010	7.69	11 1- 15 KV	2 URD XLP	0	0	530	281	277	38	23	0.77	7.20	186
8580075	8580038	7.73	1 1- 15 KV	2 URD XLP	0	0	526	280	2	0	0	0.00	7.20	0
8580039	8580038	7.96	10 1- 15 KV	2 URD XLP	0	0	508	274	273	37	23	0.41	7.62	99
8580069	8580039	8.02	7 1- 15 KV	2 URD XLP	0	0	503	273	264	36	22	0.08	7.69	17
8580070	8580069	8.10	6 1- 15 KV	2 URD XLP	0	0	498	271	222	31	18	0.09	7.79	18
8580068	8580070	8.12	2 1- 15 KV	2 URD XLP	0	0	495	270	35	4	3	0.00	7.79	0
8580067	8580070	8.20	3 1- 15 KV	2 URD XLP	0	0	490	269	178	25	15	0.05	7.84	5
8580073	8580039	8.01	3 1- 15 KV	2 URD XLP	0	0	504	273	9	1	1	0.00	7.62	0
8580072	8580073	8.05	1 1- 15 KV	2 URD XLP	0	0	501	272	4	0	0	0.00	7.62	0
8580074	8580073	8.06	2 1- 15 KV	2 URD XLP	0	0	501	272	4	0	0	0.00	7.62	0
8580071	8580039	7.98	0 1-	2 ACSR 6/1	0	0	506	147	0	0	0	0.00	7.62	0
8570027	8670022	5.99	2 1-	2 ACSR 6/1	0	0	717	162	19	2	1	0.01	4.54	0
8570029	8570027	6.04	1 1-	2 ACSR 6/1	0	0	711	162	13	1	1	0.00	4.54	0
8570018	8670022	5.96	7 3-	2 ACSR 6/1	965	848	722	163	71	3	2	0.00	4.88	0
8570019	8570018	6.01	5 3-	2 ACSR 6/1	955	839	714	162	61	2	2	0.00	4.88	0
D08-57-P004	8570019	6.01	5 1-	FUS	0	0	714	162	61	8	186	0.00	4.56	0
8570015	D08-57-P004	6.11	5 1-	2 ACSR 6/1	0	0	700	162	61	8	5	0.03	4.59	1
8570011	8570015	6.15	4 1-	2 ACSR 6/1	0	0	695	161	61	8	4	0.01	4.60	0
8570012	8570011	6.22	2 1-	2 ACSR 6/1	0	0	686	161	51	6	4	0.01	4.61	0
8570013	8570012	6.34	0 1-	2 ACSR 6/1	0	0	671	160	0	0	0	0.00	4.61	0
8570016	8570013	6.43	0 1-	2 ACSR 6/1	0	0	660	160	0	0	0	0.00	4.61	0
8570017	8570016	6.50	0 1-	2 ACSR 6/1	0	0	652	159	0	0	0	0.00	4.61	0
8570025	8570017	6.62	0 1-	2 ACSR 6/1	0	0	639	159	0	0	0	0.00	4.61	0
8570026	8570025	6.69	0 1-	2 ACSR 6/1	0	0	631	158	0	0	0	0.00	4.61	0
8570023	8570017	6.59	0 1-	2 ACSR 6/1	0	0	642	159	0	0	0	0.00	4.61	0
8570024	8570023	6.71	0 1-	2 ACSR 6/1	0	0	629	158	0	0	0	0.00	4.61	0
8570020	8570017	6.60	0 1-	2 ACSR 6/1	0	0	641	159	0	0	0	0.00	4.61	0
8570022	8570020	6.69	0 1-	2 ACSR 6/1	0	0	630	158	0	0	0	0.00	4.61	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8570014	8570022	6.74	0 1-	2 ACSR 6/1	0	0	625	158	0	0	0	0.00	4.61	0
8570021	8570020	6.65	0 1-	2 ACSR 6/1	0	0	635	158	0	0	0	0.00	4.61	0
8670018	8670017	5.72	1 1-	2 ACSR 6/1	0	0	757	164	23	3	2	0.00	4.43	0
8570030	8670018	5.88	1 1- 15 KV 2 URD XLP		0	0	732	336	23	3	2	0.02	4.45	0
8670031	8570030	6.00	1 1- 15 KV 2 URD XLP		0	0	715	332	23	3	2	0.01	4.45	0
8670020	8670019	5.57	1 1-	2 ACSR 6/1	0	0	780	165	10	1	1	0.00	5.73	0
8670029	8670020	5.60	1 1- 15 KV 2 URD XLP		0	0	777	346	10	1	1	0.00	5.73	0
8760051	8760050	4.07	198 3-	1/0 ACSR 6/1	1506	1357	1132	176	1239	53	23	0.04	3.78	27
D08-76-P059	8760051	4.07	198 3-	REC-70-L	1506	1357	1132	176	1239	53	76	0.00	3.78	0
8760047	D08-76-P059	4.13	198 3-	1/0 ACSR 6/1	1487	1339	1117	176	1239	53	23	0.06	3.83	49
8760053	8760047	4.26	1 1-	2 ACSR 6/1	0	0	1076	175	10	1	1	0.00	3.83	0
8760044	8760047	4.18	197 3-	1/0 ACSR 6/1	1471	1323	1103	175	1228	53	23	0.06	3.87	43
8760054	8760044	4.22	1 1-	2 ACSR 6/1	0	0	1092	175	21	2	2	0.00	5.38	0
8760045	8760044	4.21	196 3-	1/0 ACSR 6/1	1459	1313	1094	175	1207	52	23	0.04	3.89	29
8760056	8760045	4.31	190 3-	1/0 ACSR 6/1	1429	1284	1071	175	1163	50	22	0.10	3.97	72
8760057	8760056	4.41	189 3-	1/0 ACSR 6/1	1397	1254	1045	174	1158	50	22	0.11	4.04	80
8760094	8760057	4.45	172 3-	1/0 ACSR 6/1	1386	1244	1036	174	1024	44	19	0.04	4.07	22
8760096	8760094	4.55	1 1-	2 ACSR 6/1	0	0	1010	173	8	1	1	0.00	5.67	0
8760095	8760094	4.54	171 3-	1/0 ACSR 6/1	1360	1220	1016	173	1015	43	19	0.09	4.13	53
8760061	8760095	4.58	2 1-	2 ACSR 6/1	0	0	1005	173	14	1	1	0.00	4.09	0
8760079	8760095	4.56	169 3-	1/0 ACSR 6/1	1355	1215	1012	173	1001	43	19	0.02	4.14	10
8760062	8760079	4.62	165 3-	1/0 ACSR 6/1	1336	1197	997	173	976	42	18	0.07	4.18	38
8760063	8760062	4.66	164 3-	1/0 ACSR 6/1	1327	1189	990	173	973	42	18	0.03	4.20	19
8660039	8760063	4.81	163 3-	1/0 ACSR 6/1	1287	1152	959	172	968	41	18	0.15	4.30	83
8660058	8660039	4.85	158 3-	1/0 ACSR 6/1	1277	1143	952	172	960	41	18	0.04	4.32	21
8660064	8660058	4.89	3 1-	2 ACSR 6/1	0	0	941	172	21	2	1	0.00	4.19	0
8660065	8660064	4.95	2 1-	2 ACSR 6/1	0	0	927	171	14	1	1	0.00	4.19	0
8660066	8660065	5.03	1 1-	2 ACSR 6/1	0	0	911	171	7	0	0	0.00	4.19	0
8660044	8660065	5.01	0 1-	2 ACSR 6/1	0	0	915	171	0	0	0	0.00	4.19	0
8660062	8660058	4.90	3 1-	2 ACSR 6/1	0	0	939	172	22	2	2	0.00	4.19	0
8660059	8660058	4.89	151 3-	1/0 ACSR 6/1	1266	1132	942	172	910	39	17	0.05	4.35	24
8660077	8660059	4.98	150 3-	1/0 ACSR 6/1	1245	1113	926	171	900	39	17	0.08	4.40	43
8650136	8660077	5.08	146 3-	1/0 ACSR 6/1	1220	1089	907	171	885	38	17	0.10	4.46	53
8650137	8650136	5.22	145 3-	1/0 ACSR 6/1	1189	1061	883	170	880	38	17	0.13	4.54	69
8650089	8650137	5.25	10 1-	2 ACSR 6/1	0	0	877	170	87	11	6	0.01	2.96	0
D08-65-P022	8650089	5.25	10 1-	REC-25-H	0	0	877	170	87	11	45	0.00	2.96	0
8650090	D08-65-P022	5.44	10 1-	2 ACSR 6/1	0	0	840	169	87	11	6	0.06	3.02	4
8650091	8650090	5.51	9 1-	2 ACSR 6/1	0	0	827	168	83	10	6	0.02	3.04	1
8650092	8650091	5.54	8 1-	2 ACSR 6/1	0	0	823	168	69	8	5	0.01	3.05	0
8650107	8650092	5.59	5 1-	2 ACSR 6/1	0	0	813	168	46	5	3	0.01	3.05	0
8660068	8650107	5.64	4 1-	2 ACSR 6/1	0	0	805	167	36	4	3	0.01	3.06	0
8660069	8660068	5.70	4 1-	2 ACSR 6/1	0	0	795	167	36	4	3	0.01	3.07	0
8660071	8660069	5.78	3 1-	2 ACSR 6/1	0	0	781	166	29	3	2	0.01	3.07	0
8660072	8660071	5.87	1 1-	2 ACSR 6/1	0	0	767	166	8	1	1	0.00	3.08	0
8660073	8660072	5.90	0 1-	2 ACSR 6/1	0	0	761	165	0	0	0	0.00	3.08	0
8660070	8660069	5.75	1 1-	2 ACSR 6/1	0	0	786	166	6	0	0	0.00	3.07	0
8660067	8650107	5.62	1 1-	2 ACSR 6/1	0	0	807	167	10	1	1	0.00	3.06	0
8650093	8650137	5.26	2 1-	2 ACSR 6/1	0	0	876	170	23	2	2	0.00	6.42	0
8650094	8650093	5.31	1 1-	2 ACSR 6/1	0	0	865	169	13	1	1	0.00	6.42	0
8650125	8650137	5.24	133 3-	1/0 ACSR 6/1	1184	1056	879	170	770	33	15	0.02	4.55	9
8650126	8650125	5.28	130 3-	1/0 ACSR 6/1	1176	1049	873	170	758	33	14	0.04	4.57	15
D08-65-P018	8650126	5.28	27 1-	REC-50-H	0	0	873	170	131	17	35	0.00	6.47	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8650127	D08-65-P018	5.36	27 1-	2 ACSR 6/1	0	0	858	169	131	17	10	0.04	6.51	4
8650128	8650127	5.40	26 1-	2 ACSR 6/1	0	0	850	169	120	15	9	0.02	6.52	2
8650129	8650128	5.47	23 1-	2 ACSR 6/1	0	0	836	168	105	13	8	0.03	6.55	2
8650130	8650129	5.52	22 1-	2 ACSR 6/1	0	0	828	168	102	13	8	0.02	6.57	1
8650131	8650130	5.56	19 1-	2 ACSR 6/1	0	0	820	168	93	12	7	0.01	6.58	1
8650074	8650131	5.57	19 1-	2 ACSR 6/1	0	0	817	168	93	12	7	0.01	6.59	0
8650112	8650074	5.59	7 1-	2 ACSR 6/1	0	0	814	168	36	4	3	0.00	6.59	0
8650113	8650112	5.65	5 1-	2 ACSR 6/1	0	0	804	167	17	2	1	0.00	6.59	0
8650103	8650074	5.63	12 1-	2 ACSR 6/1	0	0	808	167	57	7	4	0.01	6.60	0
8750005	8650103	5.68	5 1-	2 ACSR 6/1	0	0	800	167	24	3	2	0.00	6.60	0
8750007	8750005	5.71	4 1-	2 ACSR 6/1	0	0	793	167	23	3	2	0.00	6.60	0
8750006	8650103	5.67	6 1-	2 ACSR 6/1	0	0	801	167	29	3	2	0.00	6.60	0
8750012	8750006	5.73	3 1-	2 ACSR 6/1	0	0	791	167	17	2	1	0.00	6.61	0
8750011	8750012	5.79	1 1-	15 KV 2 URD XLP	0	0	781	350	11	1	1	0.00	6.61	0
8750013	8750012	5.78	2 1-	2 ACSR 6/1	0	0	783	166	6	0	0	0.00	6.61	0
8750004	8750013	5.91	1 1-	2 ACSR 6/1	0	0	761	165	1	0	0	0.00	6.61	0
8650132	8650131	5.63	0 1-	2 ACSR 6/1	0	0	808	167	0	0	0	0.00	6.58	0
8650134	8650126	5.32	103 3-	1/0 ACSR 6/1	1167	1041	866	170	627	27	12	0.03	4.58	10
8650135	8650134	5.36	2 1-	2 ACSR 6/1	0	0	858	169	17	2	1	0.00	3.00	0
8650133	8650134	5.38	99 3-	1/0 ACSR 6/1	1155	1030	857	169	602	26	11	0.04	4.61	13
8650120	8650133	5.43	98 3-	1/0 ACSR 6/1	1145	1021	849	169	599	26	11	0.03	4.62	10
8650121	8650120	5.54	96 3-	1/0 ACSR 6/1	1122	1000	832	169	576	25	11	0.08	4.67	24
8650122	8650121	5.61	1 1-	15 KV 2 URD XLP	0	0	819	358	7	0	1	0.00	6.65	0
8650123	8650121	5.62	94 3-	1/0 ACSR 6/1	1108	986	820	168	562	24	11	0.05	4.69	16
8650087	8650123	5.66	93 3-	1/0 ACSR 6/1	1100	979	814	168	556	24	11	0.03	4.71	8
8650088	8650087	5.70	92 3-	1/0 ACSR 6/1	1092	972	809	168	545	23	10	0.02	4.72	8
8650075	8650088	5.75	91 3-	1/0 ACSR 6/1	1082	963	801	168	534	23	10	0.03	4.74	10
8650076	8650075	5.80	88 3-	1/0 ACSR 6/1	1073	954	794	167	515	22	10	0.03	4.76	8
8650077	8650076	5.89	87 3-	1/0 ACSR 6/1	1058	940	782	167	510	22	10	0.05	4.79	15
8650073	8650077	5.91	86 3-	1/0 ACSR 6/1	1053	936	779	167	503	21	10	0.02	4.80	4
D08-65-P172A	8650073	5.91	20 1-	REC-50-H	0	0	779	167	62	8	16	0.00	4.33	0
8650085	D08-65-P172A	6.27	20 1-	2 ACSR 6/1	0	0	725	164	62	8	4	0.08	4.41	4
8550012	8650085	6.34	5 1-	2 ACSR 6/1	0	0	715	164	31	3	2	0.01	4.42	0
8550013	8550012	6.36	4 1-	2 ACSR 6/1	0	0	712	164	23	3	2	0.00	4.42	0
8550010	8550013	6.39	3 1-	2 ACSR 6/1	0	0	708	164	20	2	1	0.00	4.42	0
8550011	8550010	6.45	2 1-	2 ACSR 6/1	0	0	701	163	16	2	1	0.00	4.43	0
8550008	8550011	6.47	1 1-	2 ACSR 6/1	0	0	698	163	10	1	1	0.00	4.43	0
8550009	8550008	6.53	1 1-	2 ACSR 6/1	0	0	690	163	10	1	1	0.00	4.43	0
8550006	8650085	6.47	15 1-	2 ACSR 6/1	0	0	699	163	31	4	2	0.02	4.44	0
8550007	8550006	6.60	14 1-	2 ACSR 6/1	0	0	682	162	31	4	2	0.01	4.45	0
D08-54-P020	8550007	6.60	14 1-	FUS-100	0	0	682	162	31	4	4	0.00	4.45	0
8540006	D08-54-P020	6.65	14 1-	2 ACSR 6/1	0	0	676	162	31	4	2	0.01	4.46	0
8540007	8540006	7.80	14 1-	2 ACSR 6/1	0	0	558	155	31	4	2	0.13	4.58	3
8540008	8540007	8.10	0 1-	2 ACSR 6/1	0	0	533	153	0	0	0	0.00	4.58	0
8540005	8540007	8.67	14 1-	2 ACSR 6/1	0	0	492	150	31	4	2	0.10	4.68	3
8430016	8540005	8.91	12 1-	2 ACSR 6/1	0	0	477	148	20	2	1	0.02	4.70	0
8430027	8430016	8.96	0 1-	2 ACSR 6/1	0	0	474	148	0	0	0	0.00	4.70	0
8430017	8430016	9.10	12 1-	2 ACSR 6/1	0	0	465	147	20	2	1	0.01	4.71	0
D08-43-P012	8430017	9.10	10 1-	FUS-15	0	0	465	147	14	1	14	0.00	4.71	0
8430020	D08-43-P012	9.18	10 1-	2 ACSR 6/1	0	0	461	147	14	1	1	0.00	4.71	0
8430029	8430020	9.28	6 1-	2 ACSR 6/1	0	0	455	146	6	0	0	0.00	4.72	0
8430031	8430029	9.31	5 1-	2 ACSR 6/1	0	0	453	146	6	0	0	0.00	4.72	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8430030	8430031	9.45	3 1-	2 ACSR 6/1	0	0	445	145	6	0	0	0.00	4.72	0
8430037	8430030	9.49	2 1-	2 ACSR 6/1	0	0	443	145	1	0	0	0.00	4.72	0
8430036	8430037	9.57	1 1-	2 ACSR 6/1	0	0	439	145	0	0	0	0.00	4.72	0
8430018	8430020	9.24	4 1-	2 ACSR 6/1	0	0	457	146	7	0	1	0.00	4.71	0
8430032	8430018	9.29	4 1-	2 ACSR 6/1	0	0	454	146	7	0	1	0.00	4.72	0
8430033	8430032	9.35	3 1-	2 ACSR 6/1	0	0	451	146	4	0	0	0.00	4.72	0
8430040	8430033	9.44	2 1-	2 ACSR 6/1	0	0	446	145	3	0	0	0.00	4.72	0
8430041	8430040	9.48	1 1-	2 ACSR 6/1	0	0	444	145	1	0	0	0.00	4.72	0
8430019	8430018	9.39	0 1-	2 ACSR 6/1	0	0	449	146	0	0	0	0.00	4.71	0
8430034	8430017	9.30	2 1-	2 ACSR 6/1	0	0	454	146	6	0	0	0.00	4.71	0
8430035	8430034	9.35	1 1-	2 ACSR 6/1	0	0	451	146	3	0	0	0.00	4.71	0
8430028	8430017	9.18	0 1-	2 ACSR 6/1	0	0	461	147	0	0	0	0.00	4.71	0
8430021	8540005	9.05	2 1-	2 ACSR 6/1	0	0	468	147	11	1	1	0.02	4.70	0
8440004	8430021	9.11	2 1-	2 ACSR 6/1	0	0	465	147	11	1	1	0.00	4.70	0
8440005	8440004	9.29	1 1-	2 ACSR 6/1	0	0	455	146	4	0	0	0.00	4.70	0
8440003	8430021	9.10	0 1-	2 ACSR 6/1	0	0	465	147	0	0	0	0.00	4.70	0
8650086	8650073	5.96	66 3-	1/0 ACSR 6/1	1046	929	773	167	441	19	8	0.02	4.81	6
8650102	8650086	6.00	2 1-	2 ACSR 6/1	0	0	767	166	6	0	0	0.00	3.19	0
8650083	8650086	5.98	64 3-	1/0 ACSR 6/1	1042	925	770	166	436	19	8	0.01	4.82	3
8650101	8650083	6.06	63 3-	1/0 ACSR 6/1	1028	912	759	166	433	18	8	0.05	4.84	12
8650106	8650101	6.15	60 3-	1/0 ACSR 6/1	1013	899	748	166	407	17	8	0.05	4.86	12
8650108	8650106	6.25	59 3-	1/0 ACSR 6/1	997	885	736	165	391	17	7	0.06	4.89	13
8650084	8650108	6.29	10 1-	2 ACSR 6/1	0	0	731	165	70	8	5	0.01	3.28	0
8650139	8650084	6.32	8 1-	2 ACSR 6/1	0	0	726	165	47	6	3	0.01	3.28	0
8650140	8650139	6.40	5 1-	2 ACSR 6/1	0	0	715	164	29	3	2	0.01	3.29	0
8650142	8650140	6.55	2 1-	2 ACSR 6/1	0	0	696	163	16	2	1	0.00	3.29	0
8650141	8650140	6.44	2 1-	2 ACSR 6/1	0	0	710	164	7	0	0	0.00	3.29	0
8650138	8650084	6.32	2 1-	2 ACSR 6/1	0	0	726	165	22	2	2	0.00	3.28	0
8650148	8650138	6.40	1 1-	2 ACSR 6/1	0	0	715	164	11	1	1	0.00	3.28	0
8650078	8650108	6.29	49 3-	1/0 ACSR 6/1	992	880	732	165	321	14	6	0.02	4.89	4
8650143	8650078	6.35	12 1-	2 ACSR 6/1	0	0	723	165	74	9	5	0.02	4.34	0
8650144	8650143	6.38	10 1-	2 ACSR 6/1	0	0	718	164	67	8	5	0.01	4.35	0
8650145	8650144	6.43	10 1-	2 ACSR 6/1	0	0	713	164	67	8	5	0.01	4.36	0
8650146	8650145	6.46	9 1-	2 ACSR 6/1	0	0	707	164	60	7	4	0.01	4.36	0
8650147	8650146	6.51	6 1-	2 ACSR 6/1	0	0	701	164	37	4	3	0.01	4.37	0
8650115	8650147	6.54	4 1-	2 ACSR 6/1	0	0	697	163	25	3	2	0.00	4.37	0
8650116	8650115	6.58	4 1-	2 ACSR 6/1	0	0	693	163	25	3	2	0.00	4.37	0
8650117	8650116	6.60	3 1-	2 ACSR 6/1	0	0	690	163	25	3	2	0.00	4.38	0
8650118	8650117	6.62	1 1-	2 ACSR 6/1	0	0	687	163	11	1	1	0.00	4.38	0
8650114	8650117	6.64	2 1-	2 ACSR 6/1	0	0	685	163	14	1	1	0.00	4.38	0
8650119	8650114	6.66	1 1-	2 ACSR 6/1	0	0	683	163	3	0	0	0.00	4.38	0
8650079	8650078	6.44	37 3-	1/0 ACSR 6/1	968	858	714	164	248	10	5	0.09	4.92	19
8650080	8650079	6.49	34 3-	1/0 ACSR 6/1	961	852	709	164	218	9	4	0.03	4.93	5
8650110	8650080	6.55	1 1-	2 ACSR 6/1	0	0	701	164	10	1	1	0.00	7.21	0
8650081	8650080	6.53	31 3-	1/0 ACSR 6/1	955	846	704	164	199	8	4	0.02	4.93	4
8650104	8650081	6.58	1 1-	2 ACSR 6/1	0	0	697	164	8	1	1	0.00	7.23	0
8650082	8650081	6.58	30 3-	1/0 ACSR 6/1	948	840	699	164	191	8	4	0.02	4.94	3
8660075	8650082	6.64	5 1-	2 ACSR 6/1	0	0	692	163	36	4	3	0.01	7.26	0
8650111	8660075	6.67	3 1-	2 ACSR 6/1	0	0	687	163	27	3	2	0.00	7.26	0
8550015	8650111	6.74	2 1-	2 ACSR 6/1	0	0	679	163	18	2	1	0.00	7.27	0
8550014	8550015	6.84	1 1-	2 ACSR 6/1	0	0	667	162	9	1	1	0.00	7.27	0
8660040	8650082	6.64	25 3-	1/0 ACSR 6/1	939	832	692	163	155	6	3	0.02	4.94	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8660041	8660040	6.66	9 1-	2 ACSR 6/1	0	0	690	163	49	6	4	0.00	7.28	0
8660048	8660041	6.78	1 1-	2 ACSR 6/1	0	0	675	162	8	1	1	0.00	7.28	0
8660046	8660041	6.68	8 1-	2 ACSR 6/1	0	0	687	163	41	5	3	0.00	7.28	0
8660047	8660046	6.80	7 1-	2 ACSR 6/1	0	0	673	162	34	4	3	0.01	7.30	0
8560014	8660047	6.90	6 1-	2 ACSR 6/1	0	0	661	162	33	4	2	0.01	7.31	0
8560006	8560014	6.97	5 1-	2 ACSR 6/1	0	0	653	161	27	3	2	0.01	7.32	0
8560024	8560006	7.06	4 1-	2 ACSR 6/1	0	0	643	161	24	3	2	0.01	7.32	0
8560013	8560024	7.11	3 1-	2 ACSR 6/1	0	0	637	160	14	1	1	0.00	7.32	0
8560026	8560014	7.16	1 1-	2 ACSR 6/1	0	0	632	160	6	0	0	0.00	7.31	0
8660043	8660040	6.71	12 1-	2 ACSR 6/1	0	0	684	163	76	10	6	0.02	7.30	1
8560019	8660043	6.81	11 1-	2 ACSR 6/1	0	0	672	162	70	9	5	0.03	7.32	1
8560023	8560019	6.86	8 1-	2 ACSR 6/1	0	0	666	162	47	6	3	0.01	7.33	0
8560029	8560023	6.88	7 1-	2 ACSR 6/1	0	0	663	162	45	5	3	0.00	7.33	0
8560030	8560029	6.93	5 1-	2 ACSR 6/1	0	0	658	161	33	4	2	0.00	7.34	0
8560031	8560030	6.98	3 1-	2 ACSR 6/1	0	0	652	161	22	2	2	0.00	7.34	0
8560028	8560031	7.00	3 1-	2 ACSR 6/1	0	0	649	161	22	2	2	0.00	7.34	0
8560005	8560028	7.04	2 1-	2 ACSR 6/1	0	0	644	161	12	1	1	0.00	7.34	0
8560007	8560005	7.12	1 1-	2 ACSR 6/1	0	0	636	160	3	0	0	0.00	7.34	0
8560008	8560007	7.18	0 1-	2 ACSR 6/1	0	0	629	160	0	0	0	0.00	7.34	0
8560020	8560019	6.92	3 1-	2 ACSR 6/1	0	0	659	162	23	3	2	0.01	7.33	0
8560021	8560020	6.99	2 1-	2 ACSR 6/1	0	0	651	161	15	1	1	0.00	7.33	0
8560022	8560021	7.02	1 1-	2 ACSR 6/1	0	0	647	161	13	1	1	0.00	7.33	0
8660042	8660040	6.68	4 1-	2 ACSR 6/1	0	0	688	163	31	4	2	0.00	7.28	0
8560011	8660042	6.70	3 1-	2 ACSR 6/1	0	0	685	163	24	3	2	0.00	7.28	0
8560012	8560011	6.76	2 1-	2 ACSR 6/1	0	0	678	163	22	2	2	0.00	7.29	0
8560025	8560012	6.79	1 1-	2 ACSR 6/1	0	0	674	162	14	1	1	0.00	7.29	0
8550004	8560025	6.83	1 1-	2 ACSR 6/1	0	0	669	162	14	1	1	0.00	7.29	0
8550005	8550004	6.87	0 1-	2 ACSR 6/1	0	0	665	162	0	0	0	0.00	7.29	0
8650109	8650079	6.48	3 1-	2 ACSR 6/1	0	0	709	164	30	3	2	0.00	7.19	0
8650149	8650109	6.57	1 1-	2 ACSR 6/1	0	0	697	163	8	1	1	0.00	7.19	0
8650105	8650101	6.11	2 1-	2 ACSR 6/1	0	0	752	166	15	1	1	0.00	3.23	0
8650100	8650083	6.03	1 1-	2 ACSR 6/1	0	0	762	166	3	0	0	0.00	3.20	0
8650099	8650077	5.96	1 1-	2 ACSR 6/1	0	0	771	166	6	0	0	0.00	6.86	0
8650098	8650076	5.86	1 1-	2 ACSR 6/1	0	0	784	167	6	0	0	0.00	6.81	0
8650097	8650075	5.78	2 1-	2 ACSR 6/1	0	0	796	167	14	1	1	0.00	6.78	0
8650096	8650088	5.76	1 1-	2 ACSR 6/1	0	0	798	167	11	1	1	0.00	3.12	0
8650095	8650087	5.71	1 1-	2 ACSR 6/1	0	0	805	168	11	1	1	0.00	6.72	0
8650124	8650123	5.66	1 1-	2 ACSR 6/1	0	0	813	168	6	0	0	0.00	4.30	0
8660060	8660059	4.94	1 1-	2 ACSR 6/1	0	0	930	171	9	1	1	0.00	2.76	0
8660061	8660060	4.97	0 1-	2 ACSR 6/1	0	0	925	171	0	0	0	0.00	2.76	0
8660063	8660061	5.01	0 1-	2 ACSR 6/1	0	0	916	171	0	0	0	0.00	2.76	0
8660045	8660039	4.88	5 1-	2 ACSR 6/1	0	0	942	172	7	0	1	0.00	2.70	0
8660057	8760063	4.79	1 1-	2 ACSR 6/1	0	0	957	172	5	0	0	0.00	2.61	0
8760077	8760057	4.47	15 1-	2 ACSR 6/1	0	0	1028	174	117	15	8	0.02	4.06	2
8760067	8760077	4.51	9 1- 15 KV	2 URD XLP	0	0	1019	388	75	9	6	0.01	4.08	0
8760068	8760067	4.56	6 1- 15 KV	2 URD XLP	0	0	1006	386	54	6	4	0.01	4.09	0
8760065	8760068	4.60	3 1- 15 KV	2 URD XLP	0	0	995	384	33	4	3	0.01	4.09	0
8660076	8760065	4.62	2 1- 15 KV	2 URD XLP	0	0	990	383	21	2	2	0.00	4.09	0
8660074	8760065	4.68	1 1- 15 KV	2 URD XLP	0	0	977	380	12	1	1	0.00	4.09	0
8760078	8760077	4.53	6 1-	2 ACSR 6/1	0	0	1012	173	43	5	3	0.01	4.07	0
8760066	8760078	4.58	6 1- 15 KV	2 URD XLP	0	0	1001	386	43	5	3	0.01	4.08	0
8760069	8760066	4.64	3 1- 15 KV	2 URD XLP	0	0	986	383	30	3	2	0.01	4.09	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE		
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS		
SUB 41	JELLICO(41)		630			2436	2487	2656	189	2723						
SUB 41,	CKT 1															
	BK4101	JELLICO(41)	0.00	205 3-		BK4101	2436	2487	2656	189	26	22	0.00	0.00	0	
	20540010	BK4101	0.02	205 3-	1/0	ACSR 6/1	2426	2475	2638	189	617	26	11	0.00	0.01	4
	20540013	20540010	0.03	0 3-	1/0	ACSR 6/1	2418	2467	2625	189	0	0	0	0.00	0.01	0
	20-54-P031-A	20540013	0.03	0 3-		Open	2418	2467	2625	189	0	0	0	0.00	0.01	0
	20540009	20540010	0.08	205 3-	1/0	ACSR 6/1	2378	2422	2555	188	617	26	11	0.01	0.04	18
	D20-54-P028	20540009	0.08	15 1-		REC-50-L	0	0	2555	188	41	5	10	0.00	0.02	0
	20540029	D20-54-P028	0.13	15 1-	2	ACSR 6/1	0	0	2497	188	41	5	3	0.01	0.02	0
	20550015	20540029	0.17	14 1-	2	ACSR 6/1	0	0	2449	188	41	5	3	0.01	0.03	0
	20850098	20550015	0.21	11 1-	2	ACSR 6/1	0	0	2396	187	34	4	2	0.01	0.04	0
	20850099	20850098	0.25	10 1-	2	ACSR 6/1	0	0	2356	187	33	4	2	0.00	0.04	0
	20550008	20850099	0.64	3 1-	2	ACSR 6/1	0	0	1959	184	4	0	0	0.01	0.05	0
	20850390	20550008	0.68	3 1-	2	ACSR 6/1	0	0	1920	184	4	0	0	0.00	0.05	0
	20850391	20850390	0.82	2 1-	2	ACSR 6/1	0	0	1806	183	4	0	0	0.00	0.05	0
	20450017	20850391	1.13	1 1-	2	ACSR 6/1	0	0	1589	180	2	0	0	0.00	0.05	0
	20550007	20850099	0.30	7 1-	2	ACSR 6/1	0	0	2299	187	28	3	2	0.01	0.05	0
	20850393	20550007	0.34	6 1-	2	ACSR 6/1	0	0	2256	186	23	2	2	0.00	0.05	0
	20850394	20850393	0.49	5 1-	2	ACSR 6/1	0	0	2098	185	20	2	1	0.01	0.06	0
	20850396	20850394	0.53	2 1-	2	ACSR 6/1	0	0	2060	185	6	0	0	0.00	0.06	0
	20850395	20850394	0.59	1 1-	2	ACSR 6/1	0	0	2000	184	7	0	0	0.00	0.06	0
	20550014	20850394	0.54	1 1-	2	ACSR 6/1	0	0	2051	185	3	0	0	0.00	0.06	0
	20850392	20550007	0.34	1 1-	2	ACSR 6/1	0	0	2249	186	5	0	0	0.00	0.05	0
	20850096	20550015	0.21	3 1-	2	ACSR 6/1	0	0	2399	187	6	0	0	0.00	0.03	0
	20850097	20850096	0.38	2 1-	2	ACSR 6/1	0	0	2206	186	3	0	0	0.00	0.03	0
	20850397	20540009	0.18	190 3-	1/0	ACSR 6/1	2312	2347	2444	188	575	24	11	0.01	0.07	25
	20850398	20850397	0.27	188 3-	1/0	ACSR 6/1	2255	2282	2352	187	570	24	11	0.01	0.11	22
	20850401	20850398	0.33	187 3-	1/0	ACSR 6/1	2215	2235	2288	187	567	24	10	0.01	0.13	16
	20850402	20850401	0.39	1 1-	2	ACSR 6/1	0	0	2226	187	9	1	1	0.00	0.05	0
	20850400	20850401	0.62	185 3-	1/0	ACSR 6/1	2046	2039	2032	186	550	23	10	0.03	0.24	69
	20550006	20850400	0.79	39 1-	2	ACSR 6/1	0	0	1884	184	98	12	7	0.06	0.63	5
	D20-65-P002	20550006	0.79	39 1-		REC-50-L	0	0	1884	184	98	12	25	0.00	0.63	0
	20850734	D20-65-P002	0.86	39 1-	2	ACSR 6/1	0	0	1835	184	98	12	7	0.02	0.65	2
	20850735	20850734	0.95	37 1-	2	ACSR 6/1	0	0	1761	183	87	11	6	0.03	0.68	2
	20850869	20850735	1.14	36 1-	2	ACSR 6/1	0	0	1638	181	84	10	6	0.06	0.74	4
	20850870	20850869	1.25	1 1-	2	ACSR 6/1	0	0	1569	181	12	1	1	0.00	0.74	0
	20850855	20850869	1.33	34 1-	2	ACSR 6/1	0	0	1520	180	72	9	5	0.05	0.79	3
	20850856	20850855	1.37	2 1-	2	ACSR 6/1	0	0	1498	180	2	0	0	0.00	0.79	0
	20850857	20850856	1.51	1 1-	2	ACSR 6/1	0	0	1422	179	2	0	0	0.00	0.79	0
	20850854	20850855	1.37	32 1-	2	ACSR 6/1	0	0	1496	180	70	8	5	0.01	0.80	0
	20850351	20850854	1.50	31 1-	2	ACSR 6/1	0	0	1430	179	68	8	5	0.03	0.83	2
	20850352	20850351	1.56	31 1-	2	ACSR 6/1	0	0	1397	178	68	8	5	0.02	0.85	0
	D20-65-P016	20850352	1.56	25 1-		REC-35-L	0	0	1397	178	55	7	20	0.00	0.85	0
	20650019	D20-65-P016	1.67	25 1-	2	ACSR 6/1	0	0	1348	177	55	7	4	0.02	0.87	0
	D20-65-P020	20650019	1.67	25 1-		REC-35-L	0	0	1348	177	55	7	20	0.00	0.87	0
	20650017	D20-65-P020	1.86	25 1-	2	ACSR 6/1	0	0	1265	176	55	7	4	0.04	0.91	2
	20850540	20650017	1.95	1 1-	2	ACSR 6/1	0	0	1230	175	2	0	0	0.00	0.91	0
	20850996	20650017	1.91	24 1-	2	ACSR 6/1	0	0	1244	176	53	6	4	0.01	0.92	0
	20850998	20850996	1.97	23 1-	2	ACSR 6/1	0	0	1223	175	52	6	4	0.01	0.93	0
	20850999	20850998	2.04	22 1-	2	ACSR 6/1	0	0	1196	175	50	6	4	0.01	0.94	0
	20850997	20850999	2.11	20 1-	2	ACSR 6/1	0	0	1170	174	43	5	3	0.01	0.95	0
	20750003	20850997	2.68	19 1-	2	ACSR 6/1	0	0	999	170	40	5	3	0.08	1.03	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20750004	20750003	3.18	19 1-	2 ACSR 6/1	0	0	883	167	40	5	3	0.07	1.11	2
20850175	20750004	3.52	1 1-	2 ACSR 6/1	0	0	818	164	4	0	0	0.00	1.11	0
20850176	20850175	3.63	0 1-	2 ACSR 6/1	0	0	799	164	0	0	0	0.00	1.11	0
20851077	20750004	3.27	18 1-	2 ACSR 6/1	0	0	866	166	36	4	3	0.01	1.12	0
20851281	20851077	3.46	17 1-	2 ACSR 6/1	0	0	829	165	33	4	2	0.02	1.14	0
20851282	20851281	3.51	2 2-	2 ACSR 6/1	0	0	819	165	4	0	0	0.00	1.14	0
20850002	20851281	3.55	15 1-	2 ACSR 6/1	0	0	812	164	29	3	2	0.01	1.15	0
D20-85-P014	20850002	3.55	15 1-	FUS-20	0	0	812	164	29	3	21	0.00	1.15	0
20851283	D20-85-P014	3.61	15 1-	2 ACSR 6/1	0	0	802	164	29	3	2	0.01	1.16	0
20851284	20851283	3.71	14 1-	2 ACSR 6/1	0	0	785	163	28	3	2	0.01	1.17	0
20851285	20851284	3.80	14 1-	2 ACSR 6/1	0	0	770	163	28	3	2	0.01	1.18	0
20851286	20851285	3.98	13 1-	2 ACSR 6/1	0	0	743	162	26	3	2	0.02	1.19	0
20850667	20851286	4.03	4 1-	2 ACSR 6/1	0	0	737	161	9	1	1	0.00	1.20	0
20850668	20850667	4.08	3 1-	2 ACSR 6/1	0	0	729	161	4	0	0	0.00	1.20	0
20850004	20850668	4.16	1 1-	2 ACSR 6/1	0	0	718	160	3	0	0	0.00	1.20	0
20850003	20850668	4.16	1 1-	2 ACSR 6/1	0	0	718	160	0	0	0	0.00	1.20	0
20850005	20851286	4.07	9 1-	2 ACSR 6/1	0	0	730	161	17	2	1	0.00	1.20	0
20850188	20850005	4.24	8 1-	2 ACSR 6/1	0	0	708	160	12	1	1	0.01	1.21	0
20851009	20850188	4.62	7 1-	2 ACSR 6/1	0	0	659	157	12	1	1	0.02	1.22	0
20840001	20851009	4.70	5 1-	2 ACSR 6/1	0	0	650	157	8	1	1	0.00	1.23	0
20840004	20840001	4.74	1 1-	15 KV 2 URD XLP	0	0	647	310	1	0	0	0.00	1.23	0
20840002	20840001	4.77	4 1-	2 ACSR 6/1	0	0	643	157	7	0	0	0.00	1.23	0
20850276	20840002	4.93	3 1-	2 ACSR 6/1	0	0	625	156	5	0	0	0.00	1.23	0
20850277	20850276	5.15	2 2-	2 ACSR 6/1	0	0	603	154	4	0	0	0.00	1.23	0
20850177	20850277	5.46	1 1-	2 ACSR 6/1	0	0	574	153	1	0	0	0.00	1.23	0
20851072	20851009	4.70	1 1-	2 ACSR 6/1	0	0	651	157	3	0	0	0.00	1.22	0
20850541	20850999	2.17	2 1-	2 ACSR 6/1	0	0	1150	174	7	0	0	0.00	0.94	0
20850542	20850541	2.34	1 1-	2 ACSR 6/1	0	0	1097	173	5	0	0	0.00	0.94	0
D20-65-P016A	20850352	1.56	6 1-	REC-35-L	0	0	1397	178	13	1	5	0.00	0.85	0
20650018	D20-65-P016A	1.63	6 1-	2 ACSR 6/1	0	0	1365	178	13	1	1	0.00	0.85	0
20850445	20650018	1.72	1 1-	2 ACSR 6/1	0	0	1327	177	1	0	0	0.00	0.85	0
20850859	20650018	2.30	5 1-	2 ACSR 6/1	0	0	1109	173	12	1	1	0.03	0.88	0
20850860	20850859	2.45	4 1-	2 ACSR 6/1	0	0	1062	172	10	1	1	0.01	0.88	0
20850891	20850860	2.58	3 1-	2 ACSR 6/1	0	0	1025	171	6	0	0	0.00	0.88	0
20850845	20850891	2.60	2 2-	2 ACSR 6/1	0	0	1020	171	5	0	0	0.00	0.89	0
20850846	20850845	2.74	1 1-	2 ACSR 6/1	0	0	984	170	2	0	0	0.00	0.89	0
20850350	20850846	3.19	0 1-	2 ACSR 6/1	0	0	881	167	0	0	0	0.00	0.89	0
20850861	20850860	2.53	1 1-	2 ACSR 6/1	0	0	1039	171	4	0	0	0.00	0.88	0
20550005	20850400	0.67	146 3-	1/0 ACSR 6/1	2019	2008	1994	185	451	19	8	0.00	0.26	7
20850799	20550005	0.80	101 3-	1/0 ACSR 6/1	1953	1932	1900	185	299	12	5	0.00	0.28	8
20850908	20850799	1.00	100 3-	1/0 ACSR 6/1	1854	1820	1766	183	297	12	5	0.00	0.32	12
20550011	20850908	1.07	98 3-	1/0 ACSR 6/1	1822	1783	1723	183	293	12	5	0.00	0.33	4
20550013	20550011	1.16	1 1-	2 ACSR 6/1	0	0	1622	182	5	0	0	0.00	0.07	0
20550012	20550011	1.07	97 3-	1/0 ACSR 6/1	1819	1780	1719	183	287	12	5	0.00	0.34	0
20-55-P063-B	20550012	1.07	97 3-	Closed	1819	1780	1719	183	287	12	0	0.00	0.34	0
20-55-P063-A	20-55-P063-B	1.07	97 3-	Closed	1819	1780	1719	183	287	12	0	0.00	0.34	0
20850923	20-55-P063-A	1.18	97 3-	1/0 ACSR 6/1	1774	1730	1662	183	287	12	5	0.00	0.35	6
20850907	20850923	1.31	95 3-	1/0 ACSR 6/1	1718	1667	1590	182	283	11	5	0.00	0.38	8
20850800	20850907	1.38	94 3-	1/0 ACSR 6/1	1690	1636	1556	181	275	11	5	0.00	0.39	4
20850801	20850800	1.43	10 1-	2 ACSR 6/1	0	0	1525	181	22	2	2	0.00	0.36	0
20850802	20850801	1.56	9 1-	2 ACSR 6/1	0	0	1456	180	17	2	1	0.01	0.37	0
20850804	20850802	1.65	8 1-	2 ACSR 6/1	0	0	1411	179	17	2	1	0.01	0.37	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850805	20850804	1.67	7 1-	2 ACSR 6/1	0	0	1401	179	15	1	1	0.00	0.37	0
20850912	20850805	1.71	6 1-	2 ACSR 6/1	0	0	1382	179	14	1	1	0.00	0.38	0
20851106	20850912	1.75	2 1-	2 ACSR 6/1	0	0	1365	179	5	0	0	0.00	0.38	0
20851107	20850912	1.87	3 1-	2 ACSR 6/1	0	0	1312	178	6	0	0	0.00	0.38	0
20850979	20851107	1.92	2 1-	2 ACSR 6/1	0	0	1290	177	4	0	0	0.00	0.38	0
20850803	20850805	1.71	1 1-	2 ACSR 6/1	0	0	1383	179	1	0	0	0.00	0.37	0
20850980	20850800	1.67	84 3-	1/0 ACSR 6/1	1581	1517	1425	180	254	10	5	0.00	0.44	13
20851080	20850980	1.73	83 3-	1/0 ACSR 6/1	1559	1493	1399	180	253	10	5	0.00	0.45	3
20851081	20851080	1.99	82 3-	1/0 ACSR 6/1	1472	1400	1300	178	252	10	5	0.00	0.50	12
20851082	20851081	2.09	82 3-	1/0 ACSR 6/1	1442	1369	1267	178	252	10	5	0.00	0.51	4
20851084	20851082	2.26	0 1-	2 ACSR 6/1	0	0	1202	176	0	0	0	0.00	0.59	0
20851083	20851082	2.21	81 3-	1/0 ACSR 6/1	1407	1332	1228	177	244	10	4	0.00	0.53	5
20851085	20851083	2.34	0 1-	2 ACSR 6/1	0	0	1182	176	0	0	0	0.00	0.62	0
20851108	20851083	2.24	81 3-	1/0 ACSR 6/1	1400	1324	1220	177	244	10	4	0.00	0.54	0
20851109	20851108	2.31	79 3-	1/0 ACSR 6/1	1379	1302	1198	177	239	10	4	0.00	0.55	3
20851058	20851109	2.39	78 3-	1/0 ACSR 6/1	1357	1280	1174	176	236	9	4	0.00	0.56	3
20560025	20851058	2.45	77 3-	1/0 ACSR 6/1	1341	1262	1157	176	234	9	4	0.00	0.57	2
20560026	20560025	2.51	76 3-	1/0 ACSR 6/1	1326	1248	1142	176	225	9	4	0.00	0.58	2
20851138	20560026	2.52	41 3-	1/0 ACSR 6/1	1322	1243	1137	176	139	5	3	0.00	0.58	0
20560019	20851138	2.56	39 3-	1/0 ACSR 6/1	1312	1233	1127	175	137	5	3	0.00	0.58	0
20460019	20560019	2.62	1 3- 15	KV 2 URD XLP	1300	1221	1114	397	0	0	0	0.00	0.58	0
20460018	20560019	2.65	38 3-	1/0 ACSR 6/1	1289	1209	1103	175	137	5	3	0.01	0.59	0
20460004	20460018	2.70	1 1-	2 ACSR 6/1	0	0	1088	175	5	0	0	0.00	0.07	0
20460001	20460018	2.74	36 3-	1/0 ACSR 6/1	1269	1189	1082	174	128	5	2	0.00	0.60	0
20460005	20460001	2.80	31 3-	1/0 ACSR 6/1	1255	1174	1067	174	114	4	2	0.00	0.60	0
20460015	20460005	2.85	30 3-	1/0 ACSR 6/1	1243	1161	1054	174	111	4	2	0.00	0.61	0
20460016	20460015	2.90	29 3-	1/0 ACSR 6/1	1232	1151	1044	174	105	4	2	0.00	0.61	0
20460007	20460016	3.06	27 3-	1/0 ACSR 6/1	1196	1114	1007	173	98	4	2	0.01	0.62	0
20460008	20460007	3.17	26 3-	1/0 ACSR 6/1	1174	1091	985	172	95	4	2	0.01	0.63	0
20460009	20460008	3.21	25 3-	1/0 ACSR 6/1	1166	1083	977	172	93	3	2	0.00	0.63	0
20450018	20460009	3.29	24 3-	1/0 ACSR 6/1	1151	1068	962	172	88	3	2	0.00	0.64	0
20450019	20450018	3.41	23 3-	1/0 ACSR 6/1	1126	1043	937	171	85	3	2	0.01	0.64	0
20450020	20450019	3.51	21 3-	1/0 ACSR 6/1	1109	1026	921	171	75	3	1	0.00	0.65	0
20450021	20450020	3.55	3 1-	2 ACSR 6/1	0	0	911	170	12	1	1	0.00	0.81	0
20450016	20450021	3.68	1 1-	2 ACSR 6/1	0	0	884	169	5	0	0	0.00	0.81	0
20450005	20450020	3.68	18 3-	2 ACSR 6/1	1070	987	884	169	62	2	1	0.01	0.66	0
20450022	20450005	3.83	0 1-	2 ACSR 6/1	0	0	855	168	0	0	0	0.00	0.83	0
20450006	20450005	3.77	18 3-	2 ACSR 6/1	1052	969	867	169	62	2	1	0.01	0.66	0
D20-35-P041	20450006	3.77	18 3-	REC-50-H	1052	969	867	169	62	2	5	0.00	0.66	0
20350026	D20-35-P041	3.97	18 3-	1/0 ACSR 6/1	1020	937	836	168	62	2	1	0.01	0.67	0
20350028	20350026	4.06	0 1-	2 ACSR 6/1	0	0	819	167	0	0	0	0.00	0.85	0
20350027	20350026	4.04	17 3-	1/0 ACSR 6/1	1009	926	826	167	60	2	1	0.00	0.67	0
20350029	20350027	4.09	1 1-	2 ACSR 6/1	0	0	817	167	8	1	1	0.00	0.15	0
20350021	20350027	4.15	16 3-	1/0 ACSR 6/1	992	909	810	167	52	2	1	0.00	0.68	0
20350036	20350021	4.35	13 3-	1/0 ACSR 6/1	962	880	782	166	36	1	1	0.01	0.68	0
20350035	20350036	4.53	9 3-	1/0 ACSR 6/1	938	857	760	165	24	1	0	0.00	0.69	0
20350025	20350035	4.74	8 3-	1/0 ACSR 6/1	911	830	735	164	21	0	0	0.00	0.69	0
20360005	20350025	4.92	7 3-	1/0 ACSR 6/1	888	809	715	163	16	0	0	0.00	0.69	0
20360006	20360005	5.11	7 3-	1/0 ACSR 6/1	866	787	695	162	16	0	0	0.00	0.69	0
20360003	20360006	5.25	6 3-	1/0 ACSR 6/1	850	772	680	162	16	0	0	0.00	0.69	0
20360004	20360003	5.56	6 3-	1/0 ACSR 6/1	818	741	652	160	16	0	0	0.01	0.70	0
20260006	20360004	6.19	5 3-	1/0 ACSR 6/1	758	684	599	158	15	0	0	0.01	0.70	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20250008	20260006	6.63	0 1-	2 ACSR 6/1	0	0	560	155	0	0	0	0.00	0.20	0
20250006	20260006	6.35	5 3-	1/0 ACSR 6/1	744	671	587	157	15	0	0	0.00	0.71	0
20260007	20250006	6.71	4 3-	1/0 ACSR 6/1	715	643	561	155	13	0	0	0.01	0.71	0
20260012	20260007	6.82	3 3-	1/0 ACSR 6/1	706	635	554	155	11	0	0	0.00	0.71	0
20260013	20260012	7.19	3 3-	1/0 ACSR 6/1	679	609	530	153	11	0	0	0.01	0.71	0
20260011	20260013	7.30	0 1-	2 ACSR 6/1	0	0	522	153	0	0	0	0.00	0.23	0
20260010	20260013	7.59	3 3-	1/0 ACSR 6/1	652	584	508	152	11	0	0	0.01	0.71	0
20852004	20260010	7.90	1 3-	1/0 ACSR 6/1	631	565	491	150	2	0	0	0.00	0.71	0
20852003	20852004	7.92	0 3-	1/0 ACSR 6/1	631	564	490	150	0	0	0	0.00	0.71	0
20-17-P045-A	20852003	7.92	0 3-	Open	631	564	490	150	0	0	0	0.00	0.71	0
	20260010	7.69	2 1-	2 ACSR 6/1	0	0	501	151	9	1	1	0.00	0.24	0
20360002	20360006	5.18	1 1-	2 ACSR 6/1	0	0	686	162	0	0	0	0.00	0.87	0
20350024	20350035	4.61	1 1-	2 ACSR 6/1	0	0	748	165	2	0	0	0.00	0.86	0
20350038	20350036	4.46	2 1-	2 ACSR 6/1	0	0	766	165	5	0	0	0.00	0.16	0
20350037	20350038	4.53	1 1-	2 ACSR 6/1	0	0	755	165	2	0	0	0.00	0.16	0
20350033	20350037	5.23	0 1-	2 ACSR 6/1	0	0	664	160	0	0	0	0.00	0.16	0
20350034	20350033	5.31	0 1-	2 ACSR 6/1	0	0	655	160	0	0	0	0.00	0.16	0
20350020	20350033	5.31	0 1-	2 ACSR 6/1	0	0	655	160	0	0	0	0.00	0.16	0
20350019	20350021	4.17	3 1-	2 ACSR 6/1	0	0	807	167	16	2	1	0.00	0.86	0
20350031	20350019	4.26	2 1-	2 ACSR 6/1	0	0	791	166	13	1	1	0.00	0.86	0
20350032	20350031	4.31	1 1-	2 ACSR 6/1	0	0	783	166	7	0	0	0.00	0.86	0
20350030	20350019	4.22	1 1-	2 ACSR 6/1	0	0	798	166	3	0	0	0.00	0.86	0
20450015	20460009	3.26	1 1-	2 ACSR 6/1	0	0	965	172	6	0	0	0.00	0.10	0
20460006	20460016	3.01	1 1-	2 ACSR 6/1	0	0	1015	173	1	0	0	0.00	0.08	0
20460002	20460001	2.82	3 1-	2 ACSR 6/1	0	0	1058	174	8	0	1	0.00	0.74	0
20460003	20460002	3.12	0 1-	2 ACSR 6/1	0	0	980	172	0	0	0	0.00	0.74	0
20851059	20851138	2.55	2 1-	2 ACSR 6/1	0	0	1128	175	2	0	0	0.00	0.72	0
20851137	20560026	2.56	31 1-	2 ACSR 6/1	0	0	1125	175	79	10	6	0.01	0.73	0
20851276	20851137	2.60	28 1-	2 ACSR 6/1	0	0	1112	175	71	9	5	0.01	0.74	0
20851277	20851276	2.66	25 1-	2 ACSR 6/1	0	0	1093	174	62	7	4	0.01	0.75	0
D20-56-P019	20851277	2.66	25 1-	REC-35-L	0	0	1093	174	62	7	22	0.00	0.75	0
20851278	D20-56-P019	2.71	25 1-	2 ACSR 6/1	0	0	1078	174	62	7	4	0.01	0.77	0
20851280	20851278	2.80	22 1-	2 ACSR 6/1	0	0	1053	173	58	7	4	0.02	0.78	0
20851131	20851280	2.88	20 1-	2 ACSR 6/1	0	0	1031	173	55	7	4	0.02	0.80	0
20851132	20851131	2.96	19 1-	2 ACSR 6/1	0	0	1010	172	53	6	4	0.02	0.82	0
20851314	20851132	3.01	1 1-	2 ACSR 6/1	0	0	999	172	2	0	0	0.00	0.82	0
20851699	20851314	3.04	1 1-	2 ACSR 6/1	0	0	991	172	2	0	0	0.00	0.82	0
20851545	20851132	3.08	18 1-	2 ACSR 6/1	0	0	980	171	52	6	4	0.02	0.84	0
20851700	20851545	3.12	17 1-	2 ACSR 6/1	0	0	971	171	46	5	3	0.01	0.84	0
20851670	20851700	3.16	1 1-	2 ACSR 6/1	0	0	961	171	6	0	0	0.00	0.84	0
20851669	20851700	3.19	15 1-	2 ACSR 6/1	0	0	955	171	38	4	3	0.01	0.85	0
20851146	20851669	3.25	14 1-	2 ACSR 6/1	0	0	940	170	34	4	2	0.01	0.86	0
20851147	20851146	3.27	14 1-	2 ACSR 6/1	0	0	936	170	34	4	2	0.00	0.86	0
20460010	20851147	3.35	2 1-	2 ACSR 6/1	0	0	917	170	3	0	0	0.00	0.86	0
20460011	20460010	3.68	1 1-	2 ACSR 6/1	0	0	851	167	1	0	0	0.00	0.87	0
20460014	20460011	4.08	1 1-	2 ACSR 6/1	0	0	782	165	1	0	0	0.00	0.87	0
20470001	20460014	4.16	1 1-	2 ACSR 6/1	0	0	769	164	1	0	0	0.00	0.87	0
20470002	20470001	4.89	0 1-	2 ACSR 6/1	0	0	670	159	0	0	0	0.00	0.87	0
2046	20851147	3.34	12 1-	2 ACSR 6/1	0	0	919	170	31	3	2	0.01	0.87	0
20851145	2046	3.51	3 1-	2 ACSR 6/1	0	0	885	168	9	1	1	0.01	0.88	0
20851659	20851145	3.60	1 1-	2 ACSR 6/1	0	0	866	168	6	0	0	0.00	0.88	0
20851658	20851145	3.55	1 1-	2 ACSR 6/1	0	0	877	168	2	0	0	0.00	0.88	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20560014	2046	3.40	9 1-	2 ACSR 6/1	0	0	908	169	22	2	2	0.00	0.88	0
20851060	20560014	3.47	1 1-	2 ACSR 6/1	0	0	893	169	4	0	0	0.00	0.88	0
20560015	20560014	3.58	8 1-	2 ACSR 6/1	0	0	870	168	18	2	1	0.01	0.89	0
20851076	20560015	3.64	2 1-	2 ACSR 6/1	0	0	858	168	3	0	0	0.00	0.89	0
20851251	20560015	3.67	1 1-	2 ACSR 6/1	0	0	853	167	2	0	0	0.00	0.89	0
20560016	20560015	3.96	5 1-	2 ACSR 6/1	0	0	801	165	13	1	1	0.02	0.91	0
20851671	20560016	3.99	1 1-	2 ACSR 6/1	0	0	796	165	3	0	0	0.00	0.91	0
20570005	20560016	4.05	4 1-	2 ACSR 6/1	0	0	787	165	10	1	1	0.00	0.91	0
D20-57-P007	20570005	4.05	4 1-	SEC-35-GH	0	0	787	165	10	1	0	0.00	0.91	0
20570004	D20-57-P007	4.14	4 1-	2 ACSR 6/1	0	0	772	164	10	1	1	0.00	0.91	0
20570007	20570004	4.31	0 1-	2 ACSR 6/1	0	0	747	163	0	0	0	0.00	0.91	0
20570008	20570007	4.57	0 1-	2 ACSR 6/1	0	0	710	161	0	0	0	0.00	0.91	0
20851660	20570008	4.74	0 1-	2 ACSR 6/1	0	0	689	160	0	0	0	0.00	0.91	0
20851662	20570004	4.19	2 1-	2 ACSR 6/1	0	0	764	164	2	0	0	0.00	0.91	0
20850858	20570004	5.00	1 1-	1/0 1PSC	0	0	666	160	5	0	0	0.01	0.92	0
20851661	20570004	4.19	1 1-	2 ACSR 6/1	0	0	765	164	3	0	0	0.00	0.91	0
20570006	20570005	4.12	0 1-	2 ACSR 6/1	0	0	776	164	0	0	0	0.00	0.91	0
20560020	20851669	3.23	1 1-	2 ACSR 6/1	0	0	943	170	4	0	0	0.00	0.85	0
20560024	20851545	3.12	1 1-	2 ACSR 6/1	0	0	970	171	6	0	0	0.00	0.84	0
20851279	20851278	2.78	1 1-	2 ACSR 6/1	0	0	1059	174	2	0	0	0.00	0.77	0
20851275	20851137	2.59	2 1-	2 ACSR 6/1	0	0	1114	175	7	0	0	0.00	0.73	0
20851136	20560026	2.59	2 1-	2 ACSR 6/1	0	0	1117	175	4	0	0	0.00	0.72	0
20560017	20851081	2.04	0 1-	2 ACSR 6/1	0	0	1281	178	0	0	0	0.00	0.56	0
20850906	20850923	1.25	1 1-	2 ACSR 6/1	0	0	1613	182	3	0	0	0.00	0.07	0
20850796	20550005	0.76	45 1-	2 ACSR 6/1	0	0	1921	185	152	19	11	0.05	0.65	6
20850798	20850796	0.80	1 1-	2 ACSR 6/1	0	0	1885	184	7	0	1	0.00	0.65	0
20850875	20850798	0.84	0 1-	2 ACSR 6/1	0	0	1851	184	0	0	0	0.00	0.65	0
20850797	20850796	0.93	44 1-	2 ACSR 6/1	0	0	1780	183	145	18	10	0.10	0.75	11
D20-65-P040	20850797	0.93	44 1-	REC-35-L	0	0	1780	183	144	18	53	0.00	0.75	0
20850543	D20-65-P040	1.03	44 1-	2 ACSR 6/1	0	0	1709	182	144	18	10	0.06	0.80	6
20850532	20850543	1.25	43 1-	2 ACSR 6/1	0	0	1574	181	143	18	10	0.12	0.92	13
20850533	20850532	1.42	42 1-	2 ACSR 6/1	0	0	1472	179	142	18	10	0.10	1.02	11
20850525	20850533	1.52	41 1-	2 ACSR 6/1	0	0	1421	179	140	18	10	0.05	1.07	6
20850526	20850525	1.98	40 1-	2 ACSR 6/1	0	0	1223	175	137	17	10	0.24	1.32	25
20650020	20850526	2.25	39 1-	2 ACSR 6/1	0	0	1127	173	135	17	10	0.14	1.46	15
20660003	20650020	2.56	39 1-	2 ACSR 6/1	0	0	1033	171	134	17	10	0.16	1.62	17
20851001	20660003	2.72	38 1-	2 ACSR 6/1	0	0	989	170	134	17	10	0.09	1.71	9
20851002	20851001	2.82	37 1-	2 ACSR 6/1	0	0	966	169	133	17	10	0.05	1.76	5
20851003	20851002	2.87	36 1-	2 ACSR 6/1	0	0	954	169	131	17	9	0.03	1.78	3
20851005	20851003	2.96	35 1-	2 ACSR 6/1	0	0	932	168	129	16	9	0.05	1.83	5
20851006	20851005	3.08	34 1-	2 ACSR 6/1	0	0	906	168	127	16	9	0.06	1.89	6
20851007	20851006	3.16	34 1-	2 ACSR 6/1	0	0	889	167	127	16	9	0.04	1.93	4
20851008	20851007	3.25	2 1-	2 ACSR 6/1	0	0	870	166	7	0	1	0.00	1.93	0
20760002	20851007	3.39	32 1-	2 ACSR 6/1	0	0	843	165	120	15	9	0.11	2.04	10
20850168	20760002	3.43	2 1-	2 ACSR 6/1	0	0	836	165	4	0	0	0.00	2.04	0
20850169	20760002	3.60	30 1-	2 ACSR 6/1	0	0	806	164	116	15	8	0.09	2.13	8
20850170	20850169	3.65	28 1-	2 ACSR 6/1	0	0	797	164	114	14	8	0.02	2.16	2
20850171	20850170	3.85	27 1-	2 ACSR 6/1	0	0	764	162	113	14	8	0.09	2.25	8
20850172	20850171	4.16	27 1-	2 ACSR 6/1	0	0	719	160	113	14	8	0.14	2.39	12
20850174	20850172	4.21	1 1-	2 ACSR 6/1	0	0	712	160	1	0	0	0.00	2.39	0
20850173	20850172	4.24	25 1-	2 ACSR 6/1	0	0	709	160	112	14	8	0.03	2.42	3
20850128	20850173	4.28	1 1-	2 ACSR 6/1	0	0	703	160	1	0	0	0.00	2.42	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
20860005	20850173	4.28	24 1-	2 ACSR 6/1	0	0	703	160	110	14	8	0.02	2.44	2
D20-86-P020	20860005	4.28	24 1-	REC-25-H	0	0	703	160	110	14	58	0.00	2.44	0
20860004	D20-86-P020	4.67	24 1-	2 ACSR 6/1	0	0	655	157	110	14	8	0.17	2.61	14
20850178	20860004	4.73	1 1-	2 ACSR 6/1	0	0	648	157	4	0	0	0.00	2.61	0
20850179	20850178	4.83	0 1-	2 ACSR 6/1	0	0	637	156	0	0	0	0.00	2.61	0
20970002	20860004	4.97	23 1-	2 ACSR 6/1	0	0	622	156	106	13	8	0.13	2.74	10
20960002	20970002	5.08	23 1-	2 ACSR 6/1	0	0	611	155	106	13	8	0.05	2.78	4
26060011	20960002	5.19	22 1-	2 ACSR 6/1	0	0	600	154	105	13	8	0.05	2.83	4
26060012	26060011	5.23	20 1-	2 ACSR 6/1	0	0	596	154	101	13	7	0.02	2.85	1
26060009	26060012	5.30	18 1-	2 ACSR 6/1	0	0	589	154	97	12	7	0.03	2.87	2
26060010	26060009	6.22	17 1-	2 ACSR 6/1	0	0	514	148	96	12	7	0.35	3.22	26
26160022	26060010	6.45	13 1-	2 ACSR 6/1	0	0	499	147	81	10	6	0.07	3.30	4
26160024	26160022	6.50	12 1-	2 ACSR 6/1	0	0	495	147	76	10	6	0.02	3.31	0
26160025	26160024	6.76	11 1-	2 ACSR 6/1	0	0	478	145	70	9	5	0.08	3.39	4
26160009	26160025	6.88	10 1-	2 ACSR 6/1	0	0	471	145	64	8	5	0.03	3.42	2
D26-16-P005	26160009	6.88	10 1-	SEC-25-GH	0	0	471	145	64	8	0	0.00	3.42	0
26160026	D26-16-P005	7.90	10 1-	2 ACSR 6/1	0	0	417	140	64	8	5	0.26	3.68	12
26270002	26160026	8.59	8 1-	2 ACSR 6/1	0	0	387	136	57	7	4	0.17	3.85	7
26360009	26270002	8.68	3 1-	2 ACSR 6/1	0	0	383	136	10	1	1	0.00	3.85	0
26360004	26270002	8.67	5 1-	2 ACSR 6/1	0	0	383	136	47	6	4	0.02	3.87	0
26360010	26360004	9.57	4 1-	2 ACSR 6/1	0	0	351	132	42	5	3	0.16	4.03	5
26460005	26360010	9.68	3 1-	2 ACSR 6/1	0	0	347	131	40	5	3	0.02	4.05	0
26460006	26460005	9.73	3 1-	2 ACSR 6/1	0	0	345	131	40	5	3	0.01	4.06	0
26460001	26460006	9.99	2 1-	2 ACSR 6/1	0	0	337	130	38	5	3	0.04	4.10	0
26460002	26460001	10.03	1 1-	2 ACSR 6/1	0	0	336	130	29	4	2	0.00	4.10	0
26360008	26360004	8.78	1 1-	2 ACSR 6/1	0	0	379	135	5	0	0	0.00	3.87	0
26360003	26270002	8.71	0 1-	2 ACSR 6/1	0	0	382	136	0	0	0	0.00	3.85	0
26160008	26160025	6.96	1 1-	2 ACSR 6/1	0	0	466	144	6	0	0	0.00	3.39	0
26160019	26060010	6.28	4 1-	2 ACSR 6/1	0	0	510	148	14	1	1	0.00	3.23	0
26160020	26160019	6.33	3 1-	2 ACSR 6/1	0	0	506	148	14	1	1	0.00	3.23	0
26160021	26160020	6.49	2 1-	2 ACSR 6/1	0	0	496	147	14	1	1	0.01	3.24	0
26160023	26160021	6.55	2 1-	2 ACSR 6/1	0	0	491	146	14	1	1	0.00	3.24	0
26160027	26160023	6.64	1 1-	15 KV 2 URD XLP	0	0	487	268	4	0	0	0.00	3.24	0
20851004	20851003	2.96	0 1-	2 ACSR 6/1	0	0	932	168	0	0	0	0.00	1.78	0
20760003	20851003	2.95	1 1-	2 ACSR 6/1	0	0	935	168	3	0	0	0.00	1.78	0
20851000	20660003	2.94	1 1-	2 ACSR 6/1	0	0	936	168	0	0	0	0.00	1.62	0
20850733	20850526	2.03	1 1-	2 ACSR 6/1	0	0	1205	175	2	0	0	0.00	1.32	0
20850399	20850398	0.33	1 1-	2 ACSR 6/1	0	0	2280	187	3	0	0	0.00	0.04	0

CKT 1 total losses: \$557

SUB 41, CKT 2

BK4102	JELLICO(41)	0.00	425 3-	BK4102	2436	2487	2656	189	2106	87	37	0.00	0.00	0
20540011	BK4102	0.01	425 3-	1/0 ACSR 6/1	2426	2475	2638	189	2106	87	38	0.02	0.02	33
20540024	20540011	0.14	425 3-	1/0 ACSR 6/1	2339	2378	2489	188	2106	87	38	0.13	0.18	284
20540025	20540024	0.20	423 3-	1/0 ACSR 6/1	2298	2331	2421	188	2089	87	38	0.06	0.26	139
20540014	20540025	0.25	422 3-	1/0 ACSR 6/1	2267	2295	2371	188	2086	87	38	0.05	0.32	105
20540015	20540014	0.29	421 3-	1/0 ACSR 6/1	2240	2264	2327	187	2083	87	38	0.04	0.37	94
20540030	20540015	0.37	421 3-	1/0 ACSR 6/1	2190	2206	2248	187	2082	87	38	0.08	0.48	180
D20-54-P013	20540030	0.37	5 1-	REC-35-L	0	0	2248	187	20	2	7	0.00	0.62	0
20540026	D20-54-P013	0.55	5 1-	2 ACSR 6/1	0	0	2069	185	20	2	1	0.01	0.64	0
20540033	20540026	0.59	1 1-	1/0 ACSR 6/1	0	0	2034	185	11	1	1	0.00	0.64	0
20540032	20540026	1.08	4 1-	2 ACSR 6/1	0	0	1650	181	8	1	1	0.02	0.65	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
20440005	20540032	1.27	4 1-	2 ACSR 6/1	0	0	1530	180	8	1	1	0.01	0.66	0
20440004	20440005	2.56	4 1-	2 ACSR 6/1	0	0	1020	171	8	1	1	0.04	0.70	0
20852126	20440004	2.64	3 1-	2 ACSR 6/1	0	0	997	170	6	0	0	0.00	0.70	0
20852178	20852126	2.82	2 1-	2 ACSR 6/1	0	0	952	169	4	0	0	0.00	0.70	0
20852180	20852178	2.92	1 1-	2 ACSR 6/1	0	0	930	168	2	0	0	0.00	0.70	0
20852179	20852178	2.87	1 1-	2 ACSR 6/1	0	0	941	168	1	0	0	0.00	0.70	0
20852125	20440004	2.67	1 1-	2 ACSR 6/1	0	0	990	170	3	0	0	0.00	0.70	0
20852124	20440004	2.69	0 1-	2 ACSR 6/1	0	0	985	170	0	0	0	0.00	0.70	0
20540017	20540030	0.45	416 3-	1/0 ACSR 6/1	2146	2155	2181	186	2061	86	38	0.08	0.57	157
20540018	20540017	0.65	415 3-	1/0 ACSR 6/1	2032	2022	2011	185	2055	86	37	0.21	0.82	435
20540020	20540018	0.72	414 3-	1/0 ACSR 6/1	1992	1977	1955	185	2045	85	37	0.08	0.91	158
20540021	20540020	0.81	413 3-	1/0 ACSR 6/1	1945	1923	1889	184	2043	85	37	0.09	1.03	196
20540027	20540021	0.88	413 3-	1/0 ACSR 6/1	1913	1887	1845	184	2042	85	37	0.07	1.10	136
20540028	20540027	1.47	413 3-	1/0 ACSR 6/1	1654	1596	1512	181	2040	85	37	0.61	1.84	1276
20630007	20540028	1.83	413 3-	1/0 ACSR 6/1	1526	1458	1361	179	2028	85	37	0.37	2.29	767
20852036	20630007	1.90	1 1-	2 ACSR 6/1	0	0	1327	179	1	0	0	0.00	2.95	0
20630008	20630007	1.89	412 3-	1/0 ACSR 6/1	1504	1435	1337	179	2020	85	37	0.07	2.37	139
20852108	20630008	1.99	2 1-	2 ACSR 6/1	0	0	1294	178	2	0	0	0.00	3.06	0
20630009	20630008	1.97	410 3-	1/0 ACSR 6/1	1479	1408	1308	178	2016	85	37	0.08	2.46	171
20852037	20630009	2.13	410 3-	1/0 ACSR 6/1	1430	1356	1254	178	2015	85	37	0.16	2.66	340
20852038	20852037	2.20	409 3-	1/0 ACSR 6/1	1409	1334	1231	177	2006	85	37	0.07	2.75	153
20852039	20852038	2.27	408 3-	1/0 ACSR 6/1	1390	1314	1210	177	2001	85	37	0.07	2.83	142
D20-63-P002	20852039	2.27	62 1-	REC-50-L	0	0	1210	177	298	38	78	0.00	3.65	0
20852040	D20-63-P002	2.35	62 1-	2 ACSR 6/1	0	0	1180	176	298	38	22	0.09	3.75	22
20850349	20852040	2.42	60 1-	2 ACSR 6/1	0	0	1158	176	291	38	21	0.07	3.82	16
20850504	20850349	2.50	57 1-	2 ACSR 6/1	0	0	1132	175	277	36	20	0.08	3.90	17
20852109	20850504	2.79	54 1-	2 ACSR 6/1	0	0	1045	173	260	33	19	0.29	4.19	60
20530002	20852109	3.37	52 1-	2 ACSR 6/1	0	0	905	169	254	33	18	0.56	4.75	113
20530003	20530002	3.57	52 1-	2 ACSR 6/1	0	0	864	168	253	33	18	0.19	4.94	39
20530004	20530003	3.67	52 1-	2 ACSR 6/1	0	0	846	167	252	33	18	0.09	5.04	18
20852175	20530004	3.75	51 1-	2 ACSR 6/1	0	0	831	166	251	33	18	0.08	5.11	16
D20-43-P005	20852175	3.75	50 1-	REC-35-H	0	0	831	166	248	32	93	0.00	5.11	0
20852176	D20-43-P005	3.82	50 1-	2 ACSR 6/1	0	0	818	166	248	32	18	0.07	5.18	14
20852177	20852176	4.17	49 1-	2 ACSR 6/1	0	0	761	164	245	32	18	0.32	5.50	62
20420015	20852177	4.23	48 1-	2 ACSR 6/1	0	0	752	163	234	31	17	0.06	5.56	11
D20-42-P008	20420015	4.23	11 1-	FUS	0	0	752	163	60	7	179	0.00	5.56	0
20420016	D20-42-P008	4.29	11 1-	2 ACSR 6/1	0	0	743	163	60	7	4	0.01	5.57	0
20420025	20420016	4.41	8 1-	2 ACSR 6/1	0	0	726	162	53	6	4	0.02	5.59	0
20420020	20420025	4.46	7 1-	2 ACSR 6/1	0	0	719	162	46	6	3	0.01	5.60	0
20420021	20420020	4.64	6 1-	2 ACSR 6/1	0	0	695	160	38	5	3	0.02	5.63	0
20420022	20420021	4.69	4 1-	2 ACSR 6/1	0	0	689	160	25	3	2	0.00	5.63	0
20420023	20420022	4.73	3 1-	2 ACSR 6/1	0	0	684	160	19	2	1	0.00	5.63	0
20420024	20420023	4.77	2 1-	2 ACSR 6/1	0	0	679	160	17	2	1	0.00	5.63	0
20420026	20420024	4.82	1 1-	2 ACSR 6/1	0	0	673	159	8	1	1	0.00	5.63	0
D20-42-P008A	20420015	4.23	37 1-	FUS	0	0	752	163	175	23	527	0.00	5.56	0
20420017	D20-42-P008A	4.27	37 1-	2 ACSR 6/1	0	0	745	163	175	23	13	0.03	5.59	4
20420018	20420017	4.42	37 1-	2 ACSR 6/1	0	0	725	162	175	23	13	0.10	5.68	13
20420019	20420018	4.49	36 1-	2 ACSR 6/1	0	0	715	161	174	23	13	0.05	5.73	7
20852111	20420019	4.56	1 1-	2 ACSR 6/1	0	0	706	161	4	0	0	0.00	5.73	0
20852112	20852111	4.60	0 1-	2 ACSR 6/1	0	0	700	161	0	0	0	0.00	5.73	0
20852110	20852112	4.66	0 1-	2 ACSR 6/1	0	0	693	160	0	0	0	0.00	5.73	0
20852009	20852112	4.66	0 1-	2 ACSR 6/1	0	0	693	160	0	0	0	0.00	5.73	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852010	20420019	4.77	35 1-	2 ACSR 6/1	0	0	680	160	170	22	12	0.17	5.90	23
20852113	20852010	4.81	1 1-	2 ACSR 6/1	0	0	675	159	1	0	0	0.00	5.90	0
20852011	20852010	4.96	33 1-	2 ACSR 6/1	0	0	657	158	155	20	11	0.12	6.02	15
20320014	20852011	5.05	31 1-	2 ACSR 6/1	0	0	646	158	146	19	11	0.05	6.07	6
D20-32-P017	20320014	5.05	15 1-	SEC-35-GH	0	0	646	158	69	9	0	0.00	6.07	0
20320020	D20-32-P017	5.22	15 1-	2 ACSR 6/1	0	0	628	157	69	9	5	0.04	6.12	2
20320021	20320020	5.26	11 1-	2 ACSR 6/1	0	0	624	157	65	8	5	0.01	6.12	0
20320030	20320021	5.37	10 1-	2 ACSR 6/1	0	0	613	156	56	7	4	0.02	6.15	0
20320031	20320030	5.49	9 1-	2 ACSR 6/1	0	0	601	155	53	7	4	0.02	6.17	0
20320029	20320031	5.55	7 1-	2 ACSR 6/1	0	0	595	155	43	5	3	0.01	6.18	0
20320022	20320029	5.62	5 1-	2 ACSR 6/1	0	0	589	154	35	4	3	0.01	6.19	0
20320023	20320022	5.69	4 1-	2 ACSR 6/1	0	0	583	154	25	3	2	0.01	6.19	0
20320015	20320023	6.19	3 1-	2 ACSR 6/1	0	0	540	151	11	1	1	0.02	6.21	0
20852048	20320015	6.26	1 1-	2 ACSR 6/1	0	0	535	151	3	0	0	0.00	6.22	0
20851934	20320015	6.35	2 1-	2 ACSR 6/1	0	0	528	150	8	1	1	0.00	6.22	0
20320024	20320023	5.75	1 1-	2 ACSR 6/1	0	0	577	154	14	1	1	0.00	6.19	0
20320016	20320014	5.63	16 1-	2 ACSR 6/1	0	0	587	154	78	10	6	0.17	6.25	11
20320027	20320016	5.75	14 1-	2 ACSR 6/1	0	0	577	154	69	9	5	0.03	6.28	2
20320028	20320027	5.77	13 1-	2 ACSR 6/1	0	0	575	154	64	8	5	0.01	6.28	0
20320036	20320028	5.81	12 1-	2 ACSR 6/1	0	0	572	153	64	8	5	0.01	6.29	0
20320026	20320036	5.87	11 1-	2 ACSR 6/1	0	0	566	153	62	8	5	0.01	6.30	0
20320033	20320026	5.96	8 1-	2 ACSR 6/1	0	0	559	152	47	6	4	0.02	6.32	0
20320034	20320033	6.13	7 1-	2 ACSR 6/1	0	0	545	151	37	4	3	0.02	6.34	0
20320025	20320034	6.19	5 1-	2 ACSR 6/1	0	0	541	151	35	4	3	0.01	6.35	0
20320035	20320025	6.55	4 1-	2 ACSR 6/1	0	0	513	149	28	3	2	0.04	6.39	0
20220003	20320035	6.64	3 1-	2 ACSR 6/1	0	0	507	149	18	2	1	0.01	6.39	0
20220001	20220003	6.72	2 1-	2 ACSR 6/1	0	0	502	148	13	1	1	0.00	6.40	0
19290005	20220001	6.74	1 1-	2 ACSR 6/1	0	0	500	148	7	0	0	0.00	6.40	0
19290004	19290005	6.77	1 1-	2 ACSR 6/1	0	0	498	148	7	0	0	0.00	6.40	0
19290003	19290005	6.80	0 1-	2 ACSR 6/1	0	0	496	148	0	0	0	0.00	6.40	0
20220002	20320035	6.82	1 1-	2 ACSR 6/1	0	0	495	148	10	1	1	0.01	6.39	0
20320017	20320016	5.91	2 1-	2 ACSR 6/1	0	0	563	153	9	1	1	0.01	6.26	0
20320032	20320017	6.09	2 1-	2 ACSR 6/1	0	0	548	152	9	1	1	0.00	6.26	0
20320018	20320017	5.95	0 1-	2 ACSR 6/1	0	0	560	153	0	0	0	0.00	6.26	0
20320019	20852011	5.00	2 1-	2 ACSR 6/1	0	0	652	158	8	1	1	0.00	6.02	0
20530001	20852109	2.85	2 1-	2 ACSR 6/1	0	0	1029	173	6	0	0	0.00	4.19	0
20850489	20850349	2.50	1 1-	2 ACSR 6/1	0	0	1132	175	12	1	1	0.00	3.82	0
20851746	20852039	2.54	346 3-	1/0 ACSR 6/1	1317	1238	1132	175	1701	72	32	0.36	3.11	419
20851747	20851746	2.60	345 3-	1/0 ACSR 6/1	1303	1223	1117	175	1697	72	32	0.08	3.16	88
20851748	20851747	2.72	345 3-	1/0 ACSR 6/1	1273	1193	1086	175	1696	72	32	0.16	3.29	185
20851750	20851748	2.81	7 1-	2 ACSR 6/1	0	0	1062	174	24	3	2	0.01	2.94	0
20852029	20851750	2.93	5 1-	2 ACSR 6/1	0	0	1028	173	21	2	2	0.01	2.95	0
20852030	20852029	3.03	1 1-	2 ACSR 6/1	0	0	1001	172	2	0	0	0.00	2.95	0
20851933	20852029	3.02	4 1-	2 ACSR 6/1	0	0	1004	172	19	2	1	0.00	2.96	0
20851663	20851933	3.11	2 1-	2 ACSR 6/1	0	0	982	172	8	1	1	0.00	2.96	0
20851749	20851748	2.84	337 3-	1/0 ACSR 6/1	1247	1165	1058	174	1667	71	31	0.14	3.40	169
20851863	20851749	2.96	333 3-	1/0 ACSR 6/1	1220	1138	1031	173	1640	70	31	0.14	3.52	172
20851851	20851863	3.00	1 1-	2 ACSR 6/1	0	0	1019	173	1	0	0	0.00	4.19	0
20851864	20851863	3.07	332 3-	1/0 ACSR 6/1	1194	1112	1005	173	1637	70	31	0.14	3.63	170
20851854	20851864	3.26	331 3-	1/0 ACSR 6/1	1155	1073	966	172	1632	69	30	0.23	3.82	268
20851856	20851854	3.38	4 1-	2 ACSR 6/1	0	0	939	171	14	1	1	0.00	3.59	0
20851855	20851854	3.57	326 3-	1/0 ACSR 6/1	1097	1014	909	170	1611	69	30	0.35	4.11	425

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
19780024	19780020	5.91	242 3-	1/0 ACSR 6/1	790	715	626	159	1271	54	24	0.17	1.27	200
19780025	19780024	5.97	1 1-	2 ACSR 6/1	0	0	620	159	4	0	0	0.00	1.19	0
19780012	19780024	6.24	241 3-	1/0 ACSR 6/1	759	685	599	158	1266	53	23	0.25	1.56	285
19780026	19780012	6.32	1 1-	2 ACSR 6/1	0	0	592	157	4	0	0	0.00	1.84	0
19780015	19780012	6.46	24 1-	2 ACSR 6/1	0	0	580	157	106	13	8	0.08	1.92	7
D19-78-P006	19780015	6.46	24 1-	REC-35-H	0	0	580	157	106	13	39	0.00	1.92	0
19780033	D19-78-P006	6.53	24 1-	2 ACSR 6/1	0	0	573	156	106	13	8	0.03	1.95	2
19780034	19780033	6.59	2 1-	2 ACSR 6/1	0	0	568	156	10	1	1	0.00	1.95	0
19770016	19780034	6.68	1 1-	2 ACSR 6/1	0	0	560	155	9	1	1	0.00	1.95	0
19770015	19780034	6.64	1 1-	2 ACSR 6/1	0	0	564	155	1	0	0	0.00	1.95	0
19780021	19780033	6.62	22 1-	2 ACSR 6/1	0	0	566	156	96	12	7	0.03	1.98	2
19770017	19780021	6.70	3 1-	2 ACSR 6/1	0	0	559	155	11	1	1	0.00	1.98	0
19770018	19770017	6.96	3 1-	2 ACSR 6/1	0	0	539	153	11	1	1	0.01	1.99	0
19770020	19770018	7.00	2 1-	2 ACSR 6/1	0	0	535	153	8	1	1	0.00	1.99	0
19770019	19770018	7.05	1 1-	2 ACSR 6/1	0	0	532	153	3	0	0	0.00	1.99	0
19770013	19780021	6.73	17 1-	2 ACSR 6/1	0	0	557	155	70	8	5	0.03	2.01	2
19770014	19770013	6.83	16 1-	2 ACSR 6/1	0	0	548	154	67	8	5	0.03	2.03	1
19670003	19770014	6.86	12 1-	2 ACSR 6/1	0	0	546	154	47	6	3	0.00	2.04	0
19670001	19670003	7.01	10 1-	2 ACSR 6/1	0	0	535	153	38	4	3	0.02	2.06	0
19680009	19670001	7.06	9 1-	2 ACSR 6/1	0	0	531	153	36	4	3	0.01	2.07	0
19680003	19680009	7.11	1 1-	2 ACSR 6/1	0	0	527	153	7	0	0	0.00	2.07	0
19680002	19680009	7.17	8 1-	2 ACSR 6/1	0	0	523	152	30	3	2	0.01	2.08	0
19680006	19680002	7.37	7 1-	2 ACSR 6/1	0	0	509	151	18	2	1	0.01	2.09	0
19680007	19680006	7.42	2 1-	2 ACSR 6/1	0	0	506	151	3	0	0	0.00	2.09	0
19680008	19680007	7.48	1 1-	2 ACSR 6/1	0	0	502	150	1	0	0	0.00	2.09	0
19680014	19680006	7.41	4 1-	2 ACSR 6/1	0	0	506	151	11	1	1	0.00	2.09	0
19680015	19680014	7.64	2 1-	2 ACSR 6/1	0	0	491	150	2	0	0	0.00	2.09	0
19680018	19680015	7.72	1 1-	2 ACSR 6/1	0	0	486	149	2	0	0	0.00	2.09	0
19680017	19680018	7.77	1 1-	2 ACSR 6/1	0	0	483	149	2	0	0	0.00	2.09	0
19680016	19680018	7.75	0 1-	2 ACSR 6/1	0	0	484	149	0	0	0	0.00	2.09	0
19680004	19680002	7.25	1 1-	2 ACSR 6/1	0	0	517	152	11	1	1	0.00	2.08	0
19680005	19680004	7.30	0 1-	2 ACSR 6/1	0	0	514	151	0	0	0	0.00	2.08	0
19670002	19770014	6.94	3 1-	2 ACSR 6/1	0	0	540	154	18	2	1	0.00	2.04	0
19770012	19780021	6.67	2 1-	2 ACSR 6/1	0	0	561	155	15	1	1	0.00	1.98	0
19780013	19780012	6.38	216 3-	1/0 ACSR 6/1	747	674	589	157	1154	49	21	0.09	1.67	96
19780029	19780013	6.49	213 3-	1/0 ACSR 6/1	738	666	581	157	1140	48	21	0.07	1.75	71
19780030	19780029	6.58	212 3-	1/0 ACSR 6/1	731	659	574	156	1133	48	21	0.06	1.82	61
D19-78-P013	19780030	6.58	73 3-	REC-35-H	0	0	574	156	397	17	49	0.00	1.82	0
19780017	D19-78-P013	6.67	73 3-	1/0 ACSR 6/1	0	0	566	156	397	17	7	0.02	1.84	8
19780031	19780017	6.81	3 1-	2 ACSR 6/1	0	0	555	155	7	0	0	0.00	1.79	0
19780032	19780031	6.85	2 1-	2 ACSR 6/1	0	0	552	155	4	0	0	0.00	1.79	0
19780016	19780017	6.72	70 3-	1/0 ACSR 6/1	0	0	563	156	390	16	7	0.01	1.85	4
19780035	19780016	6.87	24 1-	2 ACSR 6/1	0	0	550	155	120	15	9	0.06	1.87	6
OH81	19780035	7.20	22 1-	2 ACSR 6/1	0	0	0	0	107	13	8	0.13	2.00	11
19880010	OH81	7.24	22 1-	2 ACSR 6/1	0	0	422	142	107	13	8	0.01	2.02	1
19880011	19880010	7.29	2 1-	2 ACSR 6/1	0	0	421	142	13	1	1	0.00	2.02	0
19780037	19880010	7.34	19 1-	2 ACSR 6/1	0	0	424	142	90	11	6	0.04	2.05	2
19780022	19780037	7.44	18 1-	2 ACSR 6/1	0	0	429	143	83	10	6	0.03	2.08	2
19780023	19780022	7.48	1 1-	2 ACSR 6/1	0	0	432	143	5	0	0	0.00	2.08	0
19880007	19780022	7.49	16 1-	2 ACSR 6/1	0	0	434	143	72	9	5	0.01	2.09	0
20850448	19880007	8.03	13 1-	2 ACSR 6/1	0	0	436	143	61	7	4	0.11	2.20	5
20850447	20850448	8.11	11 1-	2 ACSR 6/1	0	0	466	146	47	6	3	0.01	2.21	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850446	20850447	8.16	10 1-	2 ACSR 6/1	0	0	470	147	43	5	3	0.01	2.22	0
20850186	20850446	8.21	8 1-	2 ACSR 6/1	0	0	473	147	38	4	3	0.01	2.23	0
20850185	20850186	8.24	0 1-	2 ACSR 6/1	0	0	475	147	0	0	0	0.00	2.23	0
19890031	20850186	8.32	7 1-	2 ACSR 6/1	0	0	476	147	35	4	3	0.01	2.24	0
20850184	19890031	8.40	1 1-	2 ACSR 6/1	0	0	479	147	9	1	1	0.00	2.24	0
20850182	19890031	8.36	4 1-	2 ACSR 6/1	0	0	481	148	17	2	1	0.00	2.24	0
20850183	20850182	8.39	1 1-	2 ACSR 6/1	0	0	479	147	4	0	0	0.00	2.25	0
20850181	20850182	8.57	2 1-	2 ACSR 6/1	0	0	468	147	5	0	0	0.00	2.25	0
19880008	20850181	8.74	1 1-	2 ACSR 6/1	0	0	459	146	3	0	0	0.00	2.25	0
19890030	19880008	8.76	1 1-	2 ACSR 6/1	0	0	457	145	3	0	0	0.00	2.25	0
19890029	19880008	8.76	0 1-	2 ACSR 6/1	0	0	457	145	0	0	0	0.00	2.25	0
20850180	19890031	8.36	2 1-	2 ACSR 6/1	0	0	483	148	9	1	1	0.00	2.24	0
19880018	19880007	7.64	1 1-	2 ACSR 6/1	0	0	428	143	2	0	0	0.00	2.09	0
19780036	19780016	6.91	46 3-	1/0 ACSR 6/1	0	0	547	154	271	11	5	0.06	1.89	9
19880009	19780036	6.97	45 3-	1/0 ACSR 6/1	0	0	543	154	268	11	5	0.02	1.90	3
19880016	19880009	7.05	44 3-	1/0 ACSR 6/1	0	0	537	154	266	11	5	0.03	1.91	4
19880014	19880016	7.18	43 3-	1/0 ACSR 6/1	0	0	527	153	256	10	5	0.05	1.94	6
19880015	19880014	7.93	43 3-	1/0 ACSR 6/1	0	0	477	148	256	10	5	0.26	2.07	37
20850882	19880015	8.05	3 1-	2 ACSR 6/1	0	0	470	148	16	2	1	0.01	2.38	0
20850881	20850882	8.12	1 1-	2 ACSR 6/1	0	0	466	147	3	0	0	0.00	2.38	0
20850880	20850882	8.10	1 1-	2 ACSR 6/1	0	0	467	147	8	1	1	0.00	2.38	0
19980004	19880015	8.01	40 3-	1/0 ACSR 6/1	0	0	472	148	239	10	4	0.03	2.08	3
20850876	19980004	8.12	40 3-	1/0 ACSR 6/1	0	0	466	147	239	10	4	0.04	2.10	5
20850878	20850876	8.17	1 1-	2 ACSR 6/1	0	0	463	147	8	1	1	0.00	2.11	0
20850877	20850876	8.22	38 3-	1/0 ACSR 6/1	0	0	460	147	222	9	4	0.03	2.11	4
20850879	20850877	8.28	0 1-	2 ACSR 6/1	0	0	457	146	0	0	0	0.00	2.14	0
19980003	20850877	8.46	38 3-	1/0 ACSR 6/1	0	0	447	145	222	9	4	0.08	2.15	10
25080024	19980003	8.52	1 1-	1/0 ACSR 6/1	0	0	445	145	3	0	0	0.00	2.22	0
D25-08-P045	25080024	8.52	1 1-	FUS-20	0	0	445	145	3	0	2	0.00	2.22	0
25080025	D25-08-P045	9.15	1 1-	1/0 ACSR 6/1	0	0	419	143	3	0	0	0.00	2.22	0
25080008	19980003	8.52	1 1-	2 ACSR 6/1	0	0	444	145	9	1	1	0.00	2.22	0
25080009	19980003	8.59	36 3-	1/0 ACSR 6/1	0	0	440	145	211	9	4	0.04	2.17	5
25080010	25080009	8.67	17 1-	2 ACSR 6/1	0	0	436	144	104	13	7	0.03	2.51	2
25080011	25080010	9.15	14 1-	2 ACSR 6/1	0	0	413	142	86	11	6	0.15	2.66	10
25080005	25080011	9.28	12 1-	2 ACSR 6/1	0	0	407	141	64	8	5	0.03	2.69	2
25180002	25080005	9.31	7 1-	2 ACSR 6/1	0	0	406	141	47	6	3	0.01	2.70	0
25180003	25180002	9.34	6 1-	2 ACSR 6/1	0	0	404	141	44	5	3	0.01	2.70	0
25180004	25180003	9.37	2 1-	2 ACSR 6/1	0	0	403	141	15	1	1	0.00	2.70	0
25180005	25180004	9.41	1 1-	2 ACSR 6/1	0	0	402	140	8	1	1	0.00	2.70	0
25180010	25180005	9.48	0 1-	2 ACSR 6/1	0	0	399	140	0	0	0	0.00	2.70	0
25180011	25180003	9.39	4 1-	2 ACSR 6/1	0	0	402	141	29	3	2	0.00	2.71	0
25180012	25180011	9.45	3 1-	2 ACSR 6/1	0	0	400	140	23	2	2	0.00	2.71	0
25080019	25180012	9.51	2 1-	2 ACSR 6/1	0	0	397	140	17	2	1	0.00	2.71	0
25180001	25080005	9.36	4 1-	2 ACSR 6/1	0	0	404	141	15	1	1	0.00	2.69	0
25180006	25180001	9.41	3 1-	2 ACSR 6/1	0	0	402	140	8	1	1	0.00	2.70	0
25180008	25180006	9.53	1 1-	2 ACSR 6/1	0	0	397	140	0	0	0	0.00	2.70	0
25180007	25180006	9.48	1 1-	2 ACSR 6/1	0	0	399	140	4	0	0	0.00	2.70	0
25180009	25180006	9.45	1 1-	2 ACSR 6/1	0	0	400	140	4	0	0	0.00	2.70	0
25080006	25080011	9.26	2 1-	2 ACSR 6/1	0	0	408	141	23	2	2	0.01	2.67	0
25080012	25080006	9.31	1 1-	2 ACSR 6/1	0	0	406	141	4	0	0	0.00	2.67	0
25080007	25080006	9.31	1 1-	2 ACSR 6/1	0	0	406	141	19	2	1	0.00	2.67	0
25080013	25080009	8.64	18 1-	2 ACSR 6/1	0	0	438	144	99	12	7	0.02	2.28	1

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
25080014	25080013	8.71	18 1-	2 ACSR 6/1	0	0	434	144	99	12	7	0.03	2.30	2
25080015	25080014	8.75	17 1-	2 ACSR 6/1	0	0	432	144	97	12	7	0.01	2.32	0
25080017	25080015	8.83	15 1-	2 ACSR 6/1	0	0	428	143	88	11	6	0.02	2.34	1
25080018	25080017	8.94	13 1-	2 ACSR 6/1	0	0	423	143	64	8	5	0.03	2.36	1
25080022	25080018	9.08	4 1-	2 ACSR 6/1	0	0	416	142	21	2	1	0.01	2.37	0
25090001	25080022	9.18	2 1-	2 ACSR 6/1	0	0	412	142	12	1	1	0.00	2.38	0
25090003	25090001	9.26	1 1-	2 ACSR 6/1	0	0	408	141	5	0	0	0.00	2.38	0
25090002	25090001	9.25	1 1-	2 ACSR 6/1	0	0	409	141	7	0	1	0.00	2.38	0
25080021	25080018	9.12	2 1-	2 ACSR 6/1	0	0	415	142	15	1	1	0.01	2.37	0
25090004	25080021	9.15	1 1-	2 ACSR 6/1	0	0	413	142	7	0	0	0.00	2.37	0
25080020	25080018	9.03	3 1-	2 ACSR 6/1	0	0	419	142	10	1	1	0.00	2.36	0
25080004	25080020	9.11	1 1-	2 ACSR 6/1	0	0	415	142	3	0	0	0.00	2.37	0
25080023	25080018	9.23	1 1-	2 ACSR 6/1	0	0	409	141	12	1	1	0.01	2.37	0
25080016	25080015	8.80	1 1-	2 ACSR 6/1	0	0	430	144	5	0	0	0.00	2.32	0
20850461	19980004	8.09	0 1-	2 ACSR 6/1	0	0	467	147	0	0	0	0.00	2.07	0
19880017	19880016	7.08	1 1-	2 ACSR 6/1	0	0	534	153	10	1	1	0.00	1.81	0
19780018	19780030	6.68	139 3-	1/0 ACSR 6/1	722	651	567	156	735	31	14	0.05	1.87	29
D19-78-P014	19780018	6.68	139 3-	RBC-50-H	722	651	567	156	734	31	63	0.00	1.87	0
19780019	D19-78-P014	6.90	139 3-	1/0 ACSR 6/1	705	634	552	155	734	31	14	0.10	1.98	63
19770021	19780019	6.96	136 3-	1/0 ACSR 6/1	700	630	548	155	718	30	13	0.03	2.01	16
19770031	19770021	7.02	135 3-	1/0 ACSR 6/1	696	626	545	154	717	30	13	0.03	2.04	17
19770032	19770031	7.07	1 1-	2 ACSR 6/1	0	0	541	154	21	2	1	0.00	1.80	0
19770010	19770031	7.11	134 3-	1/0 ACSR 6/1	690	620	539	154	696	29	13	0.03	2.08	22
19770034	19770010	7.23	133 3-	1/0 ACSR 6/1	681	611	531	154	686	29	13	0.05	2.14	32
19770035	19770034	7.31	9 1-	2 ACSR 6/1	0	0	526	153	50	6	4	0.01	2.15	0
19770030	19770035	7.38	1 1-	2 ACSR 6/1	0	0	521	153	12	1	1	0.00	2.15	0
19770009	19770035	7.41	8 1-	2 ACSR 6/1	0	0	519	153	37	4	3	0.01	2.17	0
19770036	19770009	7.50	6 1-	2 ACSR 6/1	0	0	512	152	28	3	2	0.01	2.17	0
19770022	19770036	7.58	4 1-	2 ACSR 6/1	0	0	507	151	16	2	1	0.00	2.18	0
19770023	19770022	7.62	2 1-	2 ACSR 6/1	0	0	504	151	7	0	1	0.00	2.18	0
19770024	19770023	7.77	1 1-	2 ACSR 6/1	0	0	494	150	2	0	0	0.00	2.18	0
19770025	19770009	7.49	2 1-	2 ACSR 6/1	0	0	513	152	9	1	1	0.00	2.17	0
19770026	19770025	7.62	2 1-	2 ACSR 6/1	0	0	504	151	9	1	1	0.00	2.17	0
19770027	19770026	7.68	2 1-	2 ACSR 6/1	0	0	500	151	9	1	1	0.00	2.17	0
19770028	19770027	7.80	1 1-	2 ACSR 6/1	0	0	493	150	6	0	0	0.00	2.18	0
19770029	19770028	7.92	1 1-	2 ACSR 6/1	0	0	485	150	6	0	0	0.00	2.18	0
19770008	19770028	7.91	0 1-	2 ACSR 6/1	0	0	486	150	0	0	0	0.00	2.18	0
19770011	19770034	7.47	124 3-	1/0 ACSR 6/1	664	596	517	153	636	27	12	0.10	2.24	51
19870015	19770011	7.64	2 1-	2 ACSR 6/1	0	0	506	152	11	1	1	0.01	2.52	0
19870016	19870015	7.68	1 1-	2 ACSR 6/1	0	0	503	151	10	1	1	0.00	2.52	0
19870014	19770011	7.53	1 1-	2 ACSR 6/1	0	0	513	152	11	1	1	0.00	2.25	0
19870017	19770011	8.06	121 3-	1/0 ACSR 6/1	626	561	486	150	613	26	11	0.24	2.49	116
19870018	19870017	8.24	120 3-	1/0 ACSR 6/1	616	551	477	149	607	26	11	0.07	2.56	35
19870019	19870018	8.29	120 3-	1/0 ACSR 6/1	612	548	474	149	607	26	11	0.02	2.58	10
19870021	19870019	8.33	117 3-	1/0 ACSR 6/1	610	546	472	149	595	25	11	0.02	2.60	7
19870022	19870021	8.50	117 3-	1/0 ACSR 6/1	601	537	464	148	595	25	11	0.07	2.67	31
19870023	19870022	8.53	116 3-	1/0 ACSR 6/1	599	535	463	148	592	25	11	0.01	2.68	7
19870013	19870023	8.65	116 3-	1/0 ACSR 6/1	593	529	458	148	592	25	11	0.05	2.73	21
20850450	19870013	8.77	116 3-	1/0 ACSR 6/1	586	523	452	147	592	25	11	0.05	2.78	23
20850451	20850450	8.88	114 3-	1/0 ACSR 6/1	580	518	447	147	585	25	11	0.04	2.82	19
20850452	20850451	8.97	114 3-	1/0 ACSR 6/1	576	514	444	146	584	25	11	0.04	2.86	16
20850453	20850452	9.03	110 3-	1/0 ACSR 6/1	572	511	441	146	574	24	11	0.03	2.88	12

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850457	20850453	9.21	5 1-	2 ACSR 6/1	0	0	432	145	23	2	2	0.02	2.91	0
19970003	20850457	9.30	1 1-	2 ACSR 6/1	0	0	428	145	9	1	1	0.00	2.91	0
20850459	20850457	9.27	2 1-	2 ACSR 6/1	0	0	429	145	8	1	1	0.00	2.91	0
20850458	20850457	9.36	2 1-	2 ACSR 6/1	0	0	425	144	6	0	0	0.00	2.91	0
20850455	20850453	9.33	5 1-	2 ACSR 6/1	0	0	426	145	29	3	2	0.03	2.64	0
20850456	20850455	9.40	4 1-	2 ACSR 6/1	0	0	423	144	25	3	2	0.01	2.65	0
19970004	20850456	9.57	3 1-	2 ACSR 6/1	0	0	415	143	22	2	2	0.01	2.66	0
20850460	19970004	9.64	0 1-	2 ACSR 6/1	0	0	412	143	0	0	0	0.00	2.66	0
19860003	19970004	9.73	2 1-	2 ACSR 6/1	0	0	408	142	19	2	1	0.01	2.67	0
19860004	19860003	9.85	1 1-	2 ACSR 6/1	0	0	403	142	8	1	1	0.00	2.67	0
20850454	20850453	9.17	99 3-	1/0 ACSR 6/1	566	504	435	146	517	22	10	0.05	2.93	19
D19-97-P011	20850454	9.17	3 1-	SEC-35-GH	0	0	435	146	16	2	0	0.00	2.67	0
19970002	D19-97-P011	9.67	3 1-	2 ACSR 6/1	0	0	412	143	16	2	1	0.03	2.69	0
25070003	19970002	9.91	2 1-	2 ACSR 6/1	0	0	401	142	14	1	1	0.01	2.71	0
25170008	25070003	9.98	1 1-	2 ACSR 6/1	0	0	398	141	9	1	1	0.00	2.71	0
25170009	25170008	10.55	1 1-	2 ACSR 6/1	0	0	376	138	9	1	1	0.01	2.72	0
25170007	25070003	10.19	1 1-	2 ACSR 6/1	0	0	390	140	5	0	0	0.00	2.71	0
19970001	20850454	9.47	96 3-	1/0 ACSR 6/1	551	491	423	144	501	21	9	0.10	3.04	41
25070001	19970001	9.56	95 3-	1/0 ACSR 6/1	547	487	420	144	492	21	9	0.03	3.06	11
25070002	25070001	9.62	94 3-	1/0 ACSR 6/1	544	484	418	144	489	21	9	0.02	3.09	8
D25-06-P017	25070002	9.62	94 3-	REC-25-H	544	484	418	144	488	21	76	0.00	3.09	0
25060011	D25-06-P017	9.68	94 3-	1/0 ACSR 6/1	541	482	415	144	488	21	9	0.02	3.11	8
25060010	25060011	10.03	83 3-	1/0 ACSR 6/1	526	468	403	142	448	19	8	0.13	3.21	38
25060012	25060010	10.14	7 1-	2 ACSR 6/1	0	0	398	142	45	5	3	0.02	2.98	0
25060004	25060012	10.26	4 1-	2 ACSR 6/1	0	0	393	141	24	3	2	0.01	2.99	0
25060006	25060004	10.35	2 1-	2 ACSR 6/1	0	0	390	141	11	1	1	0.00	2.99	0
25060007	25060006	10.43	1 1-	2 ACSR 6/1	0	0	386	140	4	0	0	0.00	2.99	0
25060008	25060007	10.62	0 1-	2 ACSR 6/1	0	0	379	139	0	0	0	0.00	2.99	0
25060005	25060004	10.30	1 1-	2 ACSR 6/1	0	0	392	141	6	0	0	0.00	2.99	0
25060003	25060012	10.24	2 1-	2 ACSR 6/1	0	0	394	141	11	1	1	0.00	2.98	0
25060013	25060010	10.62	76 3-	1/0 ACSR 6/1	502	446	383	140	403	17	8	0.14	3.38	53
25160039	25060013	10.68	74 3-	1/0 ACSR 6/1	499	444	381	140	392	16	7	0.01	3.39	5
25160016	25160039	10.75	65 3-	1/0 ACSR 6/1	497	441	379	140	361	15	7	0.01	3.41	5
25160017	25160016	10.84	63 3-	1/0 ACSR 6/1	493	438	377	139	350	15	7	0.02	3.43	6
25160018	25160017	10.86	2 1-	2 ACSR 6/1	0	0	376	139	4	0	0	0.00	3.34	0
25160012	25160017	10.90	61 3-	1/0 ACSR 6/1	491	436	375	139	346	14	7	0.01	3.44	4
25160013	25160012	10.96	11 1-	2 ACSR 6/1	0	0	372	139	79	10	6	0.02	3.83	1
25160034	25160013	11.01	10 1-	2 ACSR 6/1	0	0	370	139	69	8	5	0.01	3.84	0
25160033	25160034	11.04	5 1-	2 ACSR 6/1	0	0	369	138	30	3	2	0.00	3.84	0
25160032	25160033	11.07	5 1-	2 ACSR 6/1	0	0	368	138	30	3	2	0.00	3.85	0
25160031	25160032	11.13	4 1-	2 ACSR 6/1	0	0	366	138	24	3	2	0.00	3.85	0
25160030	25160031	11.16	2 1-	2 ACSR 6/1	0	0	365	138	14	1	1	0.00	3.85	0
25160035	25160034	11.06	4 1-	2 ACSR 6/1	0	0	369	138	29	3	2	0.00	3.84	0
25160036	25160035	11.08	2 1-	2 ACSR 6/1	0	0	368	138	16	2	1	0.00	3.85	0
25160038	25160013	11.01	1 1-	2 ACSR 6/1	0	0	371	139	10	1	1	0.00	3.83	0
25160037	25160013	10.99	0 1-	2 ACSR 6/1	0	0	371	139	0	0	0	0.00	3.83	0
25160011	25160012	10.97	50 3-	1/0 ACSR 6/1	488	433	373	139	266	11	5	0.01	3.46	3
25160020	25160011	11.03	47 3-	1/0 ACSR 6/1	486	431	371	139	252	10	5	0.01	3.47	2
25160022	25160020	11.10	2 1-	2 ACSR 6/1	0	0	368	138	9	1	1	0.00	3.40	0
25160021	25160020	11.10	45 3-	1/0 ACSR 6/1	483	429	368	138	243	10	5	0.01	3.48	3
25160042	25160021	11.25	42 3-	1/0 ACSR 6/1	478	424	364	138	233	10	4	0.03	3.50	5
25150038	25160042	11.33	40 3-	1/0 ACSR 6/1	475	422	362	138	224	9	4	0.02	3.51	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
25150030	25150038	11.40	38 3-	1/0 ACSR 6/1	473	419	360	137	213	9	4	0.01	3.52	2
25150031	25150030	11.55	1 1-	2 ACSR 6/1	0	0	355	137	5	0	0	0.00	3.49	0
25150019	25150030	11.68	37 3-	1/0 ACSR 6/1	464	411	352	136	208	9	4	0.05	3.56	8
25150037	25150019	11.73	23 3-	1/0 ACSR 6/1	462	409	351	136	125	5	2	0.01	3.57	0
25150028	25150037	11.82	17 1-	2 ACSR 6/1	0	0	348	136	102	13	7	0.04	3.36	3
25150029	25150028	11.88	16 1-	2 ACSR 6/1	0	0	346	135	95	12	7	0.02	3.38	1
25150041	25150029	11.99	2 1-	2 ACSR 6/1	0	0	343	135	15	1	1	0.00	3.38	0
25150042	25150041	12.02	0 1-	2 ACSR 6/1	0	0	342	135	0	0	0	0.00	3.38	0
25150027	25150029	11.96	12 1-	2 ACSR 6/1	0	0	344	135	65	8	5	0.02	3.40	0
25150026	25150027	12.01	11 1-	2 ACSR 6/1	0	0	342	135	59	7	4	0.01	3.41	0
25150025	25150026	12.07	3 1-	2 ACSR 6/1	0	0	340	134	10	1	1	0.00	3.41	0
25150043	25150025	12.10	2 1-	1/0 ACSR 6/1	0	0	340	134	0	0	0	0.00	3.41	0
25150044	25150043	12.14	1 1-	1/0 ACSR 6/1	0	0	339	134	0	0	0	0.00	3.41	0
25150023	25150026	12.05	7 1-	2 ACSR 6/1	0	0	341	135	42	5	3	0.00	3.41	0
25150024	25150023	12.12	4 1-	2 ACSR 6/1	0	0	339	134	26	3	2	0.01	3.42	0
25150022	25150024	12.17	2 1-	2 ACSR 6/1	0	0	337	134	11	1	1	0.00	3.42	0
25150021	25150037	11.82	2 1-	2 ACSR 6/1	0	0	348	136	11	1	1	0.00	3.83	0
25150036	25150037	11.79	2 1-	2 ACSR 6/1	0	0	349	136	7	0	0	0.00	3.83	0
25150034	25150019	11.71	14 1-	2 ACSR 6/1	0	0	351	136	84	10	6	0.01	3.56	0
25150035	25150034	11.76	11 1-	2 ACSR 6/1	0	0	350	136	67	8	5	0.01	3.57	0
25150033	25150035	11.86	9 1-	2 ACSR 6/1	0	0	347	135	53	6	4	0.02	3.59	0
25150032	25150033	11.90	2 1-	2 ACSR 6/1	0	0	345	135	12	1	1	0.00	3.60	0
25150020	25150033	12.07	7 1-	2 ACSR 6/1	0	0	340	134	41	5	3	0.03	3.63	1
25250003	25150020	12.20	6 1-	2 ACSR 6/1	0	0	336	134	35	4	3	0.01	3.64	0
25250004	25250003	12.23	3 1-	2 ACSR 6/1	0	0	335	134	19	2	1	0.00	3.65	0
25250005	25250004	12.28	2 1-	2 ACSR 6/1	0	0	334	133	11	1	1	0.00	3.65	0
25250002	25250003	12.36	2 1-	2 ACSR 6/1	0	0	331	133	7	0	1	0.00	3.65	0
25250001	25150020	12.15	1 1-	2 ACSR 6/1	0	0	338	134	6	0	0	0.00	3.63	0
25160041	25160021	11.13	2 1-	2 ACSR 6/1	0	0	367	138	3	0	0	0.00	3.41	0
25160023	25160021	11.16	1 1-	2 ACSR 6/1	0	0	367	138	6	0	0	0.00	3.42	0
25160019	25160011	11.03	2 1-	2 ACSR 6/1	0	0	370	139	10	1	1	0.00	3.38	0
25160014	25160039	10.75	3 1-	2 ACSR 6/1	0	0	379	140	13	1	1	0.00	3.75	0
25160015	25160014	10.79	3 1-	2 ACSR 6/1	0	0	377	139	13	1	1	0.00	3.75	0
25160040	25160039	10.74	2 1-	2 ACSR 6/1	0	0	379	140	9	1	1	0.00	3.12	0
25060009	25060011	10.10	10 1-	2 ACSR 6/1	0	0	397	141	40	5	3	0.06	3.16	2
25170006	25060009	10.18	10 1-	2 ACSR 6/1	0	0	394	141	40	5	3	0.01	3.17	0
25170011	25170006	10.29	10 1-	2 ACSR 6/1	0	0	389	140	40	5	3	0.02	3.19	0
25160027	25170011	10.38	8 1-	2 ACSR 6/1	0	0	386	140	33	4	2	0.01	3.20	0
25160028	25160027	10.47	8 1-	2 ACSR 6/1	0	0	382	140	33	4	2	0.01	3.21	0
25160024	25160028	10.52	7 1-	2 ACSR 6/1	0	0	381	139	29	3	2	0.01	3.22	0
25160025	25160024	10.71	6 1-	2 ACSR 6/1	0	0	373	138	26	3	2	0.02	3.23	0
25160010	25160025	10.90	5 1-	2 ACSR 6/1	0	0	366	137	23	2	2	0.02	3.25	0
25160043	25160010	10.99	4 1-	2 ACSR 6/1	0	0	363	137	16	2	1	0.01	3.26	0
25260005	25160043	11.06	1 1-	2 ACSR 6/1	0	0	361	137	0	0	0	0.00	3.26	0
25260004	25160043	11.08	2 1-	2 ACSR 6/1	0	0	360	136	13	1	1	0.00	3.26	0
25260011	25260004	11.18	0 1-	2 ACSR 6/1	0	0	357	136	0	0	0	0.00	3.26	0
25260009	25260004	11.17	2 1-	2 ACSR 6/1	0	0	357	136	13	1	1	0.00	3.26	0
25260010	25260009	11.46	1 1-	2 ACSR 6/1	0	0	347	135	10	1	1	0.01	3.27	0
25160029	25160010	10.97	1 1-	2 ACSR 6/1	0	0	364	137	7	0	0	0.00	3.25	0
25160026	25160025	10.81	1 1-	2 ACSR 6/1	0	0	369	138	3	0	0	0.00	3.23	0
25170010	25170006	10.35	0 1-	2 ACSR 6/1	0	0	387	140	0	0	0	0.00	3.17	0
25170005	25060009	10.21	0 1-	2 ACSR 6/1	0	0	392	141	0	0	0	0.00	3.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
19870024	19870023	8.60	0 1-	2 ACSR 6/1	0	0	459	148	0	0	0	0.00	2.41	0
19870020	19870019	8.33	3 1-	2 ACSR 6/1	0	0	472	149	12	1	1	0.00	2.60	0
19770033	19770010	7.15	1 1-	2 ACSR 6/1	0	0	536	154	10	1	1	0.00	1.83	0
19780014	19780013	6.49	3 1-	2 ACSR 6/1	0	0	579	157	13	1	1	0.01	1.48	0
19780028	19780014	6.55	1 1-	2 ACSR 6/1	0	0	573	156	4	0	0	0.00	1.48	0
19780027	19780014	6.68	2 1-	2 ACSR 6/1	0	0	563	155	10	1	1	0.00	1.48	0
19790015	19790020	4.81	51 1-	2 ACSR 6/1	0	0	730	164	180	22	13	0.10	0.32	14
D19-79-P010	19790015	4.81	51 1-	REC-50-H	0	0	730	164	180	22	46	0.00	0.32	0
19790022	D19-79-P010	4.89	51 1-	2 ACSR 6/1	0	0	719	164	180	22	13	0.05	0.37	7
19790023	19790022	4.97	50 1-	2 ACSR 6/1	0	0	708	163	178	22	13	0.05	0.42	7
19790030	19790023	5.05	50 1-	2 ACSR 6/1	0	0	699	162	178	22	13	0.05	0.47	7
19790026	19790030	5.11	48 1-	2 ACSR 6/1	0	0	690	162	174	22	12	0.04	0.52	6
19790028	19790026	5.16	45 1-	2 ACSR 6/1	0	0	685	162	170	21	12	0.03	0.54	4
19790029	19790028	5.32	44 1-	2 ACSR 6/1	0	0	666	161	166	21	12	0.10	0.64	13
19790017	19790029	5.62	44 1-	2 ACSR 6/1	0	0	632	159	166	21	12	0.19	0.83	24
20850140	19790017	5.77	43 1-	2 ACSR 6/1	0	0	617	158	163	20	12	0.09	0.91	11
20850141	20850140	5.86	42 1-	2 ACSR 6/1	0	0	608	157	160	20	11	0.05	0.97	6
19890047	20850141	6.17	40 1-	2 ACSR 6/1	0	0	579	155	156	19	11	0.18	1.15	22
19890071	19890047	6.26	1 1-	2 ACSR 6/1	0	0	572	155	4	0	0	0.00	1.15	0
20850007	19890047	6.24	2 1-	2 ACSR 6/1	0	0	573	155	12	1	1	0.00	1.15	0
19890035	20850007	6.33	1 1-	2 ACSR 6/1	0	0	566	154	7	0	0	0.00	1.15	0
19890028	19890047	6.34	37 1-	2 ACSR 6/1	0	0	565	154	139	17	10	0.09	1.23	10
19890037	19890028	6.48	37 1-	2 ACSR 6/1	0	0	553	154	139	17	10	0.07	1.30	8
19890060	19890037	6.50	3 1-	2 ACSR 6/1	0	0	551	153	16	2	1	0.00	1.31	0
19890061	19890060	6.56	2 1-	2 ACSR 6/1	0	0	547	153	10	1	1	0.00	1.31	0
19890062	19890061	6.60	1 1-	2 ACSR 6/1	0	0	544	153	5	0	0	0.00	1.31	0
19890039	19890037	6.59	34 1-	2 ACSR 6/1	0	0	544	153	123	15	9	0.05	1.35	5
20850126	19890039	6.64	1 1-	2 ACSR 6/1	0	0	541	153	2	0	0	0.00	1.35	0
20850127	20850126	6.70	1 1-	2 ACSR 6/1	0	0	536	152	2	0	0	0.00	1.35	0
19890038	19890039	6.71	31 1-	2 ACSR 6/1	0	0	535	152	108	13	8	0.04	1.40	4
19890066	19890038	6.75	5 1-	2 ACSR 6/1	0	0	532	152	12	1	1	0.00	1.40	0
19890067	19890066	6.78	4 1-	2 ACSR 6/1	0	0	530	152	8	1	1	0.00	1.40	0
20850139	19890067	6.83	3 1-	2 ACSR 6/1	0	0	526	151	5	0	0	0.00	1.40	0
19890032	19890038	6.80	23 1-	2 ACSR 6/1	0	0	528	152	84	10	6	0.03	1.43	2
20850724	19890032	6.89	0 1-	2 ACSR 6/1	0	0	522	151	0	0	0	0.00	1.43	0
20850727	19890032	6.88	22 1-	2 ACSR 6/1	0	0	523	151	84	10	6	0.02	1.45	2
20850728	20850727	6.93	20 1-	2 ACSR 6/1	0	0	519	151	77	9	5	0.01	1.46	0
20850729	20850728	6.99	19 1-	2 ACSR 6/1	0	0	515	151	73	9	5	0.02	1.48	0
19890033	20850729	7.05	15 1-	2 ACSR 6/1	0	0	510	150	70	8	5	0.02	1.49	0
19890063	19890033	7.15	1 1-	2 ACSR 6/1	0	0	504	150	8	1	1	0.00	1.50	0
19890065	19890063	7.23	1 1-	2 ACSR 6/1	0	0	498	149	8	1	1	0.00	1.50	0
19890064	19890063	7.22	0 1-	2 ACSR 6/1	0	0	499	149	0	0	0	0.00	1.50	0
20850449	19890033	7.13	1 1-	2 ACSR 6/1	0	0	505	150	2	0	0	0.00	1.50	0
19890034	19890033	7.17	11 1-	2 ACSR 6/1	0	0	502	150	52	6	4	0.02	1.52	0
19890043	19890034	7.34	11 1-	2 ACSR 6/1	0	0	491	149	52	6	4	0.03	1.55	1
19890068	19890043	7.38	2 1-	2 ACSR 6/1	0	0	489	148	14	1	1	0.00	1.55	0
19890070	19890068	7.42	1 1-	2 ACSR 6/1	0	0	486	148	9	1	1	0.00	1.55	0
19890069	19890068	7.46	1 1-	2 ACSR 6/1	0	0	483	148	4	0	0	0.00	1.55	0
20850143	19890043	7.40	6 1-	2 ACSR 6/1	0	0	488	148	25	3	2	0.00	1.55	0
20850144	20850143	7.47	4 1-	2 ACSR 6/1	0	0	483	148	17	2	1	0.00	1.56	0
19890044	20850144	7.50	2 1-	2 ACSR 6/1	0	0	481	148	9	1	1	0.00	1.56	0
19890045	19890044	7.58	1 1-	2 ACSR 6/1	0	0	476	147	9	1	1	0.00	1.56	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS	CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 45	SOUTHCORBIN(45)	1957			5455	5503	5647	190	13740					
SUB 45,	CKT 1													
BK4501	SOUTHCORBIN(45)	0.00	387 3-	BK4501	5455	5503	5647	190	2595	108	58	0.00	0.00	0
9720114	BK4501	0.09	387 3-	336 3PSC	5315	5342	5341	190	2595	108	21	0.06	0.05	100
9720110	9720114	0.14	1 1-	2 ACSR 6/1	0	0	5119	190	1	0	0	0.00	0.06	0
9720111	9720114	0.13	385 3-	336 3PSC	5261	5278	5226	190	2589	108	20	0.02	0.07	39
9720137	9720111	0.20	384 3-	336 3PSC	5166	5164	5032	190	2581	108	20	0.04	0.11	70
9620003	9720137	0.22	384 3-	336 ACSR 18/1	5107	5095	4941	190	2580	108	20	0.02	0.12	29
9620271	9620003	0.27	8 1-	2 ACSR 6/1	0	0	4721	189	23	2	2	0.00	0.09	0
9620293	9620003	0.25	376 3-	336 ACSR 18/1	5047	5025	4851	190	2557	107	20	0.02	0.14	28
9620296	9620293	0.31	374 3-	336 ACSR 18/1	4937	4897	4687	190	2473	103	20	0.04	0.17	51
9620218	9620296	0.36	372 3-	336 ACSR 18/1	4824	4767	4523	189	2461	103	19	0.04	0.20	54
9620195	9620218	0.41	371 3-	336 ACSR 18/1	4725	4654	4384	189	2447	102	19	0.03	0.23	49
9620196	9620195	0.48	1 1-	2 ACSR 6/1	0	0	4143	189	13	1	1	0.00	0.27	0
9620298	9620195	0.47	7 3-	336 ACSR 18/1	4615	4529	4231	189	27	1	0	0.00	0.23	0
9620301	9620298	0.51	6 3-	336 ACSR 18/1	4547	4453	4139	189	19	0	0	0.00	0.23	0
9620305	9620301	0.56	1 1-	2 ACSR 6/1	0	0	3984	189	3	0	0	0.00	0.17	0
9620304	9620301	0.55	1 1-	2 ACSR 6/1	0	0	4005	189	3	0	0	0.00	0.17	0
9620303	9620301	0.56	2 1-	2 ACSR 6/1	0	0	3965	189	4	0	0	0.00	0.27	0
9620026	9620195	0.54	363 3-	336 ACSR 18/1	4508	4409	4086	189	2407	100	19	0.08	0.29	112
9620197	9620026	0.58	2 1-	2 ACSR 6/1	0	0	3929	189	12	1	1	0.00	0.35	0
9620198	9620026	0.58	4 1-	2 ACSR 6/1	0	0	3922	189	29	3	2	0.00	0.22	0
9620199	9620198	0.64	2 1-	2 ACSR 6/1	0	0	3764	188	18	2	1	0.00	0.23	0
9620202	9620199	0.71	1 1-	2 ACSR 6/1	0	0	3541	188	11	1	1	0.00	0.23	0
9620300	9620026	0.56	2 1-	2 ACSR 6/1	0	0	3990	189	19	2	1	0.00	0.35	0
9620025	9620026	0.58	355 3-	336 ACSR 18/1	4428	4319	3979	189	2346	98	19	0.03	0.32	42
9620269	9620025	0.64	355 3-	4/0 ACSR 6/1	4320	4202	3841	189	2345	98	29	0.05	0.36	76
9620270	9620269	0.74	352 3-	4/0 ACSR 6/1	4133	4000	3607	188	2333	97	29	0.09	0.44	140
9620253	9620270	0.79	349 3-	4/0 ACSR 6/1	4049	3911	3506	188	2321	97	29	0.04	0.47	65
9620254	9620253	0.83	348 3-	4/0 ACSR 6/1	3980	3837	3423	188	2308	96	28	0.04	0.51	55
20850267	9620254	0.87	345 3-	4/0 ACSR 6/1	3904	3756	3333	188	2285	95	28	0.04	0.54	62
20850268	20850267	0.90	343 3-	4/0 ACSR 6/1	3855	3704	3277	188	2267	95	28	0.03	0.56	39
20850083	20850268	0.93	341 3-	4/0 ACSR 6/1	3807	3653	3221	188	2236	93	28	0.03	0.59	40
D09-62-P087	20850083	0.93	2 1-	FUS	0	0	3221	188	14	1	40	0.00	0.69	0
9620318	D09-62-P087	0.97	2 1-	2 ACSR 6/1	0	0	3134	187	14	1	1	0.00	0.70	0
20850084	9620318	1.07	1 1-	2 ACSR 6/1	0	0	2932	187	11	1	1	0.00	0.70	0
20850264	9620318	1.04	1 1-	2 ACSR 6/1	0	0	3006	187	3	0	0	0.00	0.70	0
9620187	20850083	1.00	339 3-	4/0 ACSR 6/1	3708	3549	3108	188	2222	93	27	0.05	0.64	83
9620188	9620187	1.02	336 3-	4/0 ACSR 6/1	3679	3519	3077	187	2195	92	27	0.01	0.65	24
D09-62-P089	9620188	1.02	12 1-	FUS	0	0	3077	187	65	8	188	0.00	0.48	0
9620257	D09-62-P089	1.06	12 1-	2 ACSR 6/1	0	0	3006	187	65	8	5	0.01	0.49	0
9620191	9620257	1.07	10 1-	2 ACSR 6/1	0	0	2966	187	54	6	4	0.00	0.49	0
9620184	9620191	1.13	9 1-	2 ACSR 6/1	0	0	2866	187	50	6	4	0.01	0.50	0
9620183	9620184	1.17	6 1-	2 ACSR 6/1	0	0	2782	186	37	4	3	0.00	0.51	0
9620190	9620183	1.21	4 1-	2 ACSR 6/1	0	0	2713	186	22	2	2	0.00	0.51	0
9620213	9620190	1.28	1 1-	15 KV 2 URD XLP	0	0	2609	468	12	1	1	0.00	0.51	0
9620189	9620190	1.23	3 1-	2 ACSR 6/1	0	0	2691	186	10	1	1	0.00	0.51	0
9620192	9620188	1.10	323 3-	4/0 ACSR 6/1	3569	3404	2955	187	2126	89	26	0.06	0.71	91
9620193	9620192	1.17	319 3-	4/0 ACSR 6/1	3472	3303	2849	187	2105	88	26	0.06	0.76	83
9620194	9620193	1.21	316 3-	4/0 ACSR 6/1	3422	3251	2795	187	2092	87	26	0.03	0.78	44
9620185	9620194	1.25	315 3-	4/0 ACSR 6/1	3374	3202	2744	187	2079	87	26	0.03	0.81	43
9620186	9620185	1.28	314 3-	4/0 ACSR 6/1	3333	3159	2701	187	2070	87	26	0.03	0.83	37

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9620182	9620186	1.32	312 3-	4/0 ACSR 6/1	3287	3112	2653	186	2044	85	25	0.03	0.86	41
9620203	9620182	1.37	309 3-	4/0 ACSR 6/1	3231	3055	2596	186	2031	85	25	0.04	0.89	51
9620206	9620203	1.41	6 1-	2 ACSR 6/1	0	0	2538	186	27	3	2	0.00	1.04	0
9620207	9620206	1.44	5 1-	2 ACSR 6/1	0	0	2501	186	26	3	2	0.00	1.04	0
9620205	9620207	1.48	3 1-	2 ACSR 6/1	0	0	2444	185	22	2	2	0.00	1.04	0
9620204	9620205	1.51	1 1-	2 ACSR 6/1	0	0	2405	185	6	0	0	0.00	1.04	0
9620208	9620203	1.43	300 3-	4/0 ACSR 6/1	3168	2990	2530	186	1986	83	25	0.04	0.93	57
9620209	9620208	1.46	298 3-	4/0 ACSR 6/1	3133	2954	2495	186	1962	82	24	0.02	0.95	32
9620210	9620209	1.51	18 1-	2 ACSR 6/1	0	0	2430	186	146	18	10	0.02	0.73	3
9620211	9620210	1.54	15 1-	2 ACSR 6/1	0	0	2385	185	128	16	9	0.01	0.74	1
9620212	9620211	1.57	13 1-	2 ACSR 6/1	0	0	2348	185	106	13	8	0.01	0.75	0
9620252	9620212	1.60	11 1-	2 ACSR 6/1	0	0	2308	185	90	11	6	0.01	0.76	0
9620251	9620252	1.64	7 1-	2 ACSR 6/1	0	0	2263	185	63	7	4	0.01	0.77	0
9620243	9620251	1.67	3 1-	2 ACSR 6/1	0	0	2224	184	31	3	2	0.00	0.77	0
9620244	9620209	1.51	279 3-	4/0 ACSR 6/1	3087	2907	2448	186	1806	75	22	0.04	0.98	38
9620245	9620244	1.55	277 3-	4/0 ACSR 6/1	3046	2866	2408	186	1795	75	22	0.03	1.00	34
D09-62-P366	9620245	1.55	15 1-	FUS-25	0	0	2408	186	80	10	45	0.00	0.73	0
9620259	D09-62-P366	1.59	15 1-	2 ACSR 6/1	0	0	2349	185	80	10	6	0.01	0.74	0
9620236	9620259	1.62	14 1-	2 ACSR 6/1	0	0	2317	185	68	8	5	0.01	0.75	0
9620237	9620236	1.66	13 1-	2 ACSR 6/1	0	0	2263	185	62	7	4	0.01	0.76	0
9620238	9620237	1.71	10 1-	2 ACSR 6/1	0	0	2202	184	39	4	3	0.01	0.76	0
9620239	9620238	1.77	7 1-	2 ACSR 6/1	0	0	2136	184	22	2	2	0.00	0.77	0
9620246	9620245	1.57	16 1-	2 ACSR 6/1	0	0	2371	186	106	13	8	0.01	1.18	0
9620247	9620246	1.63	12 1-	2 ACSR 6/1	0	0	2297	185	78	9	6	0.02	1.19	0
9620248	9620247	1.69	9 1-	2 ACSR 6/1	0	0	2232	185	65	8	5	0.01	1.20	0
9620249	9620248	1.73	5 1-	2 ACSR 6/1	0	0	2183	184	46	5	3	0.01	1.21	0
9620235	9620249	1.78	4 1-	2 ACSR 6/1	0	0	2124	184	42	5	3	0.01	1.22	0
9620226	9620235	1.85	1 1-	2 ACSR 6/1	0	0	2057	183	17	2	1	0.00	1.22	0
9620242	9620245	1.59	246 3-	4/0 ACSR 6/1	3002	2822	2364	186	1608	67	20	0.03	1.02	31
9620241	9620242	1.63	243 3-	4/0 ACSR 6/1	2964	2784	2327	185	1590	66	20	0.03	1.04	27
8690318	9620241	1.63	243 3-	4/0 ACSR 6/1	2959	2778	2322	185	1590	66	20	0.00	1.05	4
8690317	8690318	1.64	243 3-	4/0 ACSR 6/1	2953	2773	2316	185	1590	66	20	0.00	1.05	4
D08-69-P042	8690317	1.64	11 1-	FUS	0	0	2316	185	67	8	195	0.00	1.24	0
8690231	D08-69-P042	1.71	11 1-	2 ACSR 6/1	0	0	2232	185	67	8	5	0.01	1.25	0
8690232	8690231	1.74	8 1-	2 ACSR 6/1	0	0	2199	185	47	6	3	0.00	1.26	0
8690233	8690232	1.77	7 1-	2 ACSR 6/1	0	0	2166	184	42	5	3	0.00	1.26	0
8690234	8690233	1.82	3 1-	2 ACSR 6/1	0	0	2113	184	17	2	1	0.00	1.26	0
8690235	8690317	1.68	231 3-	4/0 ACSR 6/1	2916	2735	2280	185	1523	64	19	0.02	1.07	25
8690236	8690235	1.70	230 3-	4/0 ACSR 6/1	2894	2713	2259	185	1519	63	19	0.01	1.08	15
8690238	8690236	1.74	228 3-	4/0 ACSR 6/1	2865	2684	2230	185	1508	63	19	0.02	1.09	20
CAP150	8690238	1.74	227 3-	Capacitor	0	0	0	0	1499	63	0	0.00	1.09	0
8690239	CAP150	1.80	104 3-	4/0 ACSR 6/1	2809	2628	2177	185	641	27	8	0.01	1.11	14
8690240	8690239	1.83	100 3-	4/0 ACSR 6/1	2786	2605	2155	185	626	26	8	0.01	1.12	6
8690241	8690240	1.83	99 3-	4/0 ACSR 6/1	2781	2600	2150	185	620	26	8	0.00	1.12	1
08-69-P068-B	8690241	1.83	99 3-	Closed	2781	2600	2150	185	620	26	0	0.00	1.12	0
08-69-P068-A	08-69-P068-B	1.83	99 3-	Closed	2781	2600	2150	185	620	26	0	0.00	1.12	0
8690214	08-69-P068-A	1.86	99 3-	4/0 ACSR 6/1	2761	2580	2131	185	620	26	8	0.01	1.12	5
8690215	8690214	1.91	97 3-	4/0 ACSR 6/1	2717	2537	2090	185	600	25	8	0.01	1.13	10
8690216	8690215	1.95	73 3-	4/0 ACSR 6/1	2682	2501	2057	184	461	19	6	0.01	1.14	4
8690217	8690216	2.00	69 3-	4/0 ACSR 6/1	2647	2467	2025	184	443	18	6	0.01	1.15	3
8690242	8690217	2.04	66 3-	4/0 ACSR 6/1	2615	2435	1995	184	417	17	5	0.01	1.16	3
20850075	8690242	2.07	64 3-	4/0 ACSR 6/1	2591	2412	1973	184	409	17	5	0.00	1.16	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850077	20850075	2.09	1 1-	2 ACSR 6/1	0	0	1955	184	7	0	1	0.00	1.36	0
20850076	20850075	2.12	61 3-	4/0 ACSR 6/1	2559	2380	1943	184	394	16	5	0.01	1.17	3
8690252	20850076	2.16	60 3-	4/0 ACSR 6/1	2528	2349	1915	184	387	16	5	0.01	1.17	2
20850078	8690252	2.21	21 1-	2 ACSR 6/1	0	0	1877	183	144	18	10	0.02	1.47	2
8690283	20850078	2.25	17 1-	2 ACSR 6/1	0	0	1841	183	117	14	8	0.02	1.49	1
8690282	8690283	2.28	14 1-	2 ACSR 6/1	0	0	1821	183	89	11	6	0.01	1.50	0
8690267	8690282	2.32	13 1-	2 ACSR 6/1	0	0	1788	182	82	10	6	0.01	1.51	0
8690268	8690267	2.37	11 1-	2 ACSR 6/1	0	0	1746	182	65	8	5	0.01	1.52	0
8690265	8690268	2.43	9 1-	2 ACSR 6/1	0	0	1709	182	48	6	3	0.01	1.53	0
8690266	8690265	2.45	7 1-	2 ACSR 6/1	0	0	1692	181	40	5	3	0.00	1.53	0
8690264	8690266	2.52	2 1-	2 ACSR 6/1	0	0	1648	181	22	2	2	0.00	1.54	0
8690263	8690268	2.40	2 1-	2 ACSR 6/1	0	0	1725	182	16	2	1	0.00	1.52	0
8690253	8690252	2.22	36 3-	4/0 ACSR 6/1	2489	2311	1879	184	230	9	3	0.00	1.18	0
8690284	8690253	2.28	34 3-	4/0 ACSR 6/1	2448	2270	1842	183	218	9	3	0.00	1.18	0
8690285	8690284	2.29	31 3-	4/0 ACSR 6/1	2439	2262	1835	183	189	8	2	0.00	1.18	0
8690248	8690285	2.32	3 1-	2 ACSR 6/1	0	0	1815	183	21	2	2	0.00	1.38	0
8690249	8690248	2.36	1 1-	2 ACSR 6/1	0	0	1783	183	5	0	0	0.00	1.38	0
8690250	8690285	2.33	28 3-	4/0 ACSR 6/1	2417	2240	1815	183	167	7	2	0.00	1.19	0
8690251	8690250	2.37	25 3-	4/0 ACSR 6/1	2389	2213	1790	183	155	6	2	0.00	1.19	0
8690053	8690251	2.41	22 3-	4/0 ACSR 6/1	2361	2186	1766	183	136	5	2	0.00	1.19	0
8690055	8690053	2.45	19 3-	4/0 ACSR 6/1	2338	2163	1745	183	110	4	1	0.00	1.19	0
8690335	8690055	2.50	18 3-	4/0 ACSR 6/1	2311	2137	1721	183	102	4	1	0.00	1.19	0
8690058	8690335	2.54	14 3-	4/0 ACSR 6/1	2285	2112	1698	182	81	3	1	0.00	1.19	0
8690060	8690058	2.59	11 3-	4/0 ACSR 6/1	2259	2087	1676	182	67	2	1	0.00	1.19	0
8690059	8690060	2.65	1 1- 15	KV 2 URD XLP	0	0	1642	441	4	0	0	0.00	0.74	0
8690057	8690059	2.70	1 1- 15	KV 2 URD XLP	0	0	1613	437	4	0	0	0.00	0.74	0
8690056	8690057	2.73	1 1- 15	KV 2 URD XLP	0	0	1593	435	4	0	0	0.00	0.74	0
8690061	8690060	2.64	6 3-	4/0 ACSR 6/1	2233	2061	1653	182	41	1	1	0.00	1.20	0
8690062	8690061	2.67	2 3-	4/0 ACSR 6/1	2216	2045	1639	182	15	0	0	0.00	1.20	0
8690288	8690062	2.72	1 3-	4/0 ACSR 6/1	2187	2016	1613	182	12	0	0	0.00	1.20	0
8790172	8690288	2.76	0 3-	4/0 ACSR 6/1	2168	1998	1597	182	0	0	0	0.00	1.20	0
8790026	8790172	2.81	0 3-	4/0 ACSR 6/1	2138	1969	1572	182	0	0	0	0.00	1.20	0
08-79-P091-A	8790026	2.81	0 3-	Open	2138	1969	1572	182	0	0	0	0.00	1.20	0
8690054	8690053	2.46	1 1-	2 ACSR 6/1	0	0	1735	183	6	0	0	0.00	1.37	0
8690247	8690284	2.31	2 1-	2 ACSR 6/1	0	0	1820	183	18	2	1	0.00	1.38	0
8690243	8690215	1.95	24 1-	2 ACSR 6/1	0	0	2046	184	139	17	10	0.02	1.38	2
8690244	8690243	1.98	22 1-	2 ACSR 6/1	0	0	2024	184	121	15	9	0.01	1.39	0
8690245	8690244	2.01	20 1-	2 ACSR 6/1	0	0	1988	184	110	14	8	0.01	1.40	1
8690066	8690245	2.07	17 1-	2 ACSR 6/1	0	0	1941	183	93	11	7	0.02	1.42	0
20850069	8690066	2.12	13 1-	2 ACSR 6/1	0	0	1896	183	67	8	5	0.01	1.43	0
20850071	20850069	2.16	9 1-	2 ACSR 6/1	0	0	1858	183	45	5	3	0.01	1.43	0
20850072	20850071	2.21	6 1-	2 ACSR 6/1	0	0	1816	182	26	3	2	0.00	1.44	0
20850073	20850072	2.24	5 1-	2 ACSR 6/1	0	0	1795	182	21	2	2	0.00	1.44	0
20850074	20850073	2.28	2 1-	2 ACSR 6/1	0	0	1769	182	5	0	0	0.00	1.44	0
8690237	CAP150	1.78	75 3-	1/0 ACSR 6/1	2816	2634	2187	185	537	22	10	0.01	1.11	8
8690311	8690237	1.82	73 3-	1/0 ACSR 6/1	2774	2591	2149	185	531	22	10	0.01	1.13	7
8690312	8690311	1.85	71 3-	1/0 ACSR 6/1	2746	2562	2124	185	523	22	10	0.00	1.13	5
D08-69-P004	8690312	1.85	10 1-	FUS	0	0	2124	185	83	10	241	0.00	0.83	0
8690339	D08-69-P004	1.90	10 1-	2 ACSR 6/1	0	0	2076	184	83	10	6	0.01	0.84	0
8690326	8690339	1.94	7 1-	2 ACSR 6/1	0	0	2029	184	62	7	4	0.01	0.85	0
8690324	8690326	1.99	3 1-	2 ACSR 6/1	0	0	1984	183	33	4	2	0.00	0.85	0
8690323	8690324	2.02	2 1-	2 ACSR 6/1	0	0	1957	183	20	2	1	0.00	0.85	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8690327	8690312	1.90	18 1-	2 ACSR 6/1	0	0	2069	184	138	17	10	0.03	1.34	3
8690328	8690327	1.96	15 1-	2 ACSR 6/1	0	0	2013	184	116	14	8	0.02	1.36	2
8690329	8690328	1.99	1 1-	2 ACSR 6/1	0	0	1985	183	10	1	1	0.00	1.36	0
8690314	8690328	1.99	11 1-	2 ACSR 6/1	0	0	1982	183	82	10	6	0.01	1.37	0
8690315	8690314	2.03	10 1-	2 ACSR 6/1	0	0	1944	183	77	9	5	0.01	1.38	0
8690316	8690315	2.09	9 1-	2 ACSR 6/1	0	0	1896	183	61	7	4	0.01	1.39	0
8690319	8690316	2.11	7 1-	2 ACSR 6/1	0	0	1874	182	51	6	4	0.00	1.40	0
8690270	8690319	2.17	5 1-	2 ACSR 6/1	0	0	1826	182	34	4	2	0.01	1.40	0
8690271	8690270	2.24	3 1-	2 ACSR 6/1	0	0	1771	181	20	2	1	0.00	1.41	0
8690269	8690271	2.28	2 1-	2 ACSR 6/1	0	0	1745	181	9	1	1	0.00	1.41	0
8690246	8690312	1.89	42 3-	1/0 ACSR 6/1	2699	2515	2083	184	297	12	5	0.00	1.14	3
8690227	8690246	1.94	40 3-	1/0 ACSR 6/1	2651	2466	2041	184	292	12	5	0.00	1.15	3
8690228	8690227	1.98	37 3-	1/0 ACSR 6/1	2616	2431	2011	184	273	11	5	0.00	1.16	2
20850360	8690228	2.01	12 1-	2 ACSR 6/1	0	0	1981	184	115	14	8	0.01	0.89	1
20850361	20850360	2.04	11 1-	2 ACSR 6/1	0	0	1955	183	104	13	7	0.01	0.90	0
20850359	20850361	2.09	8 1-	2 ACSR 6/1	0	0	1912	183	83	10	6	0.01	0.91	0
8690069	20850359	2.12	6 1-	2 ACSR 6/1	0	0	1885	183	68	8	5	0.01	0.92	0
8690229	8690069	2.15	4 1-	2 ACSR 6/1	0	0	1863	183	48	6	3	0.00	0.92	0
8690230	8690229	2.18	2 1-	2 ACSR 6/1	0	0	1839	182	19	2	1	0.00	0.92	0
20850362	8690228	2.03	25 3-	1/0 ACSR 6/1	2572	2387	1973	184	158	6	3	0.00	1.16	0
20850363	20850362	2.09	21 3-	1/0 ACSR 6/1	2518	2333	1927	183	135	5	2	0.00	1.17	0
20850364	20850363	2.14	18 3-	1/0 ACSR 6/1	2470	2285	1886	183	114	4	2	0.00	1.17	0
D08-69-P141	20850364	2.14	10 1-	FUS	0	0	1886	183	62	7	180	0.00	0.89	0
8690338	D08-69-P141	2.18	10 1-	2 ACSR 6/1	0	0	1854	183	62	7	4	0.01	0.90	0
8690221	8690338	2.22	1 1-	15 KV 2 URD XLP	0	0	1828	446	10	1	1	0.00	0.90	0
20850368	8690338	2.23	8 1-	2 ACSR 6/1	0	0	1813	182	40	5	3	0.01	0.91	0
20850369	20850368	2.28	5 1-	2 ACSR 6/1	0	0	1776	182	32	4	2	0.00	0.91	0
8690310	20850369	2.31	4 1-	2 ACSR 6/1	0	0	1751	182	24	3	2	0.00	0.91	0
20850367	20850364	2.19	6 3-	1/0 ACSR 6/1	2429	2244	1851	183	38	1	1	0.00	1.17	0
8690320	20850367	2.24	5 3-	1/0 ACSR 6/1	2391	2206	1819	182	36	1	1	0.00	1.18	0
8690064	8690320	2.29	4 3-	1/0 ACSR 6/1	2348	2164	1783	182	23	0	0	0.00	1.18	0
8690065	8690064	2.32	3 3-	1/0 ACSR 6/1	2328	2144	1766	182	16	0	0	0.00	1.18	0
8690219	CAP150	1.80	48 3-	1/0 ACSR 6/1	2797	2615	2170	185	321	13	6	0.04	1.11	7
8690220	8690219	1.83	43 3-	1/0 ACSR 6/1	2761	2578	2138	185	287	12	5	0.02	1.11	3
D08-69-P341	8690220	1.83	43 3-	REC-70-L	2761	2578	2138	185	287	12	17	0.00	1.11	0
8690321	D08-69-P341	1.87	43 3-	1/0 ACSR 6/1	2726	2543	2107	184	287	12	5	0.02	1.12	3
D08-69-P051	8690321	1.87	18 1-	FUS	0	0	2107	184	146	18	425	0.00	1.38	0
8690341	D08-69-P051	1.89	18 1-	2 ACSR 6/1	0	0	2080	184	146	18	10	0.01	1.39	2
8690331	8690341	1.92	17 1-	2 ACSR 6/1	0	0	2053	184	140	17	10	0.01	1.40	1
8690332	8690331	1.97	6 1-	2 ACSR 6/1	0	0	2007	184	55	7	4	0.01	1.41	0
20850370	8690332	2.00	4 1-	2 ACSR 6/1	0	0	1973	183	48	6	3	0.01	1.42	0
8590121	20850370	2.04	3 1-	2 ACSR 6/1	0	0	1941	183	31	3	2	0.00	1.42	0
20850371	8690331	1.98	8 1-	2 ACSR 6/1	0	0	1997	184	61	7	4	0.01	1.41	0
20850372	20850371	2.03	5 1-	2 ACSR 6/1	0	0	1948	183	38	4	3	0.01	1.42	0
8590118	20850372	2.06	2 1-	2 ACSR 6/1	0	0	1918	183	17	2	1	0.00	1.42	0
20850373	8690321	1.94	22 3-	1/0 ACSR 6/1	2650	2466	2041	184	121	5	2	0.02	1.13	0
D08-69-P052	20850373	1.94	6 1-	FUS	0	0	2041	184	34	4	100	0.00	1.39	0
8690340	D08-69-P052	2.00	6 1-	2 ACSR 6/1	0	0	1987	184	34	4	2	0.01	1.40	0
20850669	8690340	2.04	4 1-	2 ACSR 6/1	0	0	1949	183	23	2	2	0.00	1.40	0
8590119	20850669	2.07	2 1-	2 ACSR 6/1	0	0	1928	183	17	2	1	0.00	1.40	0
20850670	20850373	2.00	13 3-	1/0 ACSR 6/1	2598	2413	1996	184	76	3	1	0.01	1.13	0
8690212	20850670	2.05	10 3-	1/0 ACSR 6/1	2550	2365	1954	183	59	2	1	0.00	1.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8690213	8690212	2.08	3 1-	2 ACSR 6/1	0	0	1932	183	4	0	0	0.00	0.76	0
8690211	8690212	2.11	4 1-	2 ACSR 6/1	0	0	1904	183	38	4	3	0.01	1.41	0
8590120	8690211	2.13	3 1-	2 ACSR 6/1	0	0	1882	183	26	3	2	0.00	1.41	0
8690218	8690219	1.86	2 1-	2 ACSR 6/1	0	0	2106	184	25	3	2	0.00	1.34	0
9620240	9620242	1.63	2 1-	2 ACSR 6/1	0	0	2310	185	13	1	1	0.00	0.74	0
9620027	9620270	0.77	2 1-	2 ACSR 6/1	0	0	3515	188	8	1	1	0.00	0.53	0
9620214	9620027	0.92	2 1-	15 KV 2 URD XLP	0	0	3201	478	8	1	1	0.00	0.53	0
9620268	9620269	0.64	0 1-	2 ACSR 6/1	0	0	3821	189	0	0	0	0.00	0.43	0
09-62-P014-A	9620268	0.64	0 1-	Open	0	0	3821	189	0	0	0	0.00	0.43	0
CKT 1 total losses:	\$1,948													
SUB 45, CKT 2														
BK4502	SOUTHCORBIN(45)	0.00	522 3-	BK4502	5455	5503	5647	190	4025	168	90	0.00	0.00	0
9720108	BK4502	0.09	522 3-	336 3PSC	5312	5339	5335	190	4025	168	32	0.11	0.08	266
9720109	9720108	0.13	522 3-	336 3PSC	5258	5274	5220	190	4023	168	32	0.05	0.11	105
9720136	9720109	0.21	522 3-	336 3PSC	5154	5150	5009	190	4022	168	32	0.09	0.17	204
9620292	9720136	0.26	520 3-	336 ACSR 18/1	5038	5014	4832	190	3978	166	31	0.06	0.22	145
9720138	9620292	0.30	520 3-	336 ACSR 18/1	4960	4924	4717	190	3976	166	31	0.04	0.25	101
9720132	9720138	0.35	1 3-	15 KV 2 URD XLP	4889	4871	4621	496	92	4	2	0.00	0.25	0
9720139	9720138	0.32	519 3-	336 ACSR 18/1	4922	4879	4661	189	3883	162	31	0.02	0.26	49
9720212	9720139	0.38	1 1-	2 ACSR 6/1	0	0	4382	189	2	0	0	0.00	0.38	0
9720140	9720139	0.45	516 3-	336 ACSR 18/1	4661	4581	4291	189	3859	161	31	0.16	0.37	345
9720142	9720140	0.51	33 1-	2 ACSR 6/1	0	0	4082	189	206	26	15	0.04	0.58	7
D09-72-P043	9720142	0.51	32 1-	REC-50-L	0	0	4082	189	196	24	50	0.00	0.58	0
9720228	D09-72-P043	0.54	32 1-	2 ACSR 6/1	0	0	3962	188	196	24	14	0.02	0.60	4
9720229	9720228	0.81	31 1-	2 ACSR 6/1	0	0	3214	186	186	23	13	0.18	0.78	26
20850293	9720229	0.88	25 1-	2 ACSR 6/1	0	0	3035	186	167	21	12	0.05	0.83	6
20850297	20850293	0.96	23 1-	2 ACSR 6/1	0	0	2876	185	161	20	11	0.05	0.87	6
20850488	20850297	1.01	19 1-	2 ACSR 6/1	0	0	2767	185	142	18	10	0.02	0.90	3
9620200	20850488	1.09	3 1-	15 KV 2 URD XLP	0	0	2643	460	32	4	2	0.01	0.90	0
9620028	20850488	1.10	16 1-	2 ACSR 6/1	0	0	2619	184	111	14	8	0.04	0.93	3
20850282	9620028	1.12	3 1-	2 ACSR 6/1	0	0	2584	184	25	3	2	0.00	0.93	0
9620223	20850282	1.20	1 1-	15 KV 2 URD XLP	0	0	2458	455	9	1	1	0.00	0.93	0
9620234	20850282	1.14	1 1-	2 ACSR 6/1	0	0	2548	184	7	0	1	0.00	0.93	0
20850226	9620028	1.15	13 1-	2 ACSR 6/1	0	0	2524	184	86	10	6	0.02	0.95	1
9620220	20850226	1.19	10 1-	15 KV 2 URD XLP	0	0	2475	456	61	7	5	0.01	0.96	0
9620258	9620220	1.29	1 1-	15 KV 2 URD XLP	0	0	2328	449	3	0	0	0.00	0.96	0
9620222	9620220	1.24	7 1-	15 KV 2 URD XLP	0	0	2405	453	40	5	3	0.01	0.96	0
9620250	9620222	1.29	4 1-	15 KV 2 URD XLP	0	0	2325	449	20	2	1	0.00	0.97	0
9620219	9620222	1.26	1 1-	15 KV 2 URD XLP	0	0	2373	451	6	0	0	0.00	0.96	0
9620221	9620220	1.29	2 1-	2 ACSR 6/1	0	0	2330	183	18	2	1	0.00	0.96	0
9620255	20850226	1.20	1 1-	2 ACSR 6/1	0	0	2451	183	16	2	1	0.00	0.95	0
9620256	9620255	1.32	1 1-	15 KV 2 URD XLP	0	0	2286	448	16	2	1	0.00	0.95	0
20850296	20850297	1.02	2 1-	2 ACSR 6/1	0	0	2752	185	9	1	1	0.00	0.87	0
20850294	20850293	0.94	1 1-	2 ACSR 6/1	0	0	2921	185	6	0	0	0.00	0.83	0
20850295	20850294	0.98	0 1-	2 ACSR 6/1	0	0	2824	185	0	0	0	0.00	0.83	0
20850228	9720229	0.86	5 1-	2 ACSR 6/1	0	0	3092	186	15	1	1	0.00	0.78	0
20850292	20850228	0.94	5 1-	2 ACSR 6/1	0	0	2906	185	15	1	1	0.00	0.79	0
20850227	20850292	1.01	3 1-	2 ACSR 6/1	0	0	2781	185	12	1	1	0.00	0.79	0
9620029	9720229	0.88	1 1-	2 ACSR 6/1	0	0	3050	186	3	0	0	0.00	0.78	0
20850281	9620029	0.92	1 1-	2 ACSR 6/1	0	0	2945	185	3	0	0	0.00	0.78	0
9620032	9620029	0.99	0 1-	2 ACSR 6/1	0	0	2823	185	0	0	0	0.00	0.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
09-62-P014-B	9620032	0.99	0 1-	Open	0	0	2823	185	0	0	0	0.00	0.78	0
9720143	9720142	0.57	1 1-	2 ACSR 6/1	0	0	3876	188	10	1	0	0.00	0.58	0
9720141	9720140	0.52	481 3-	3/0 ACSR 6/1	4496	4399	4074	189	3630	152	51	0.13	0.48	312
9720231	9720141	0.58	3 1-	2 ACSR 6/1	0	0	3871	188	12	1	1	0.00	0.66	0
9720230	9720141	0.55	3 1-	2 ACSR 6/1	0	0	3998	189	9	1	1	0.00	0.70	0
9720223	9720141	0.59	475 3-	3/0 ACSR 6/1	4348	4237	3887	189	3605	151	50	0.12	0.58	291
9720224	9720223	0.65	474 3-	3/0 ACSR 6/1	4223	4102	3734	188	3596	150	50	0.11	0.67	259
D09-72-P099	9720224	0.65	25 1-	FUS	0	0	3734	188	143	18	414	0.00	0.94	0
9720227	D09-72-P099	0.67	25 1-	2 ACSR 6/1	0	0	3681	188	143	18	10	0.01	0.95	0
9720237	9720227	0.72	23 1-	2 ACSR 6/1	0	0	3548	188	139	17	10	0.02	0.98	2
9720238	9720237	0.77	22 1-	2 ACSR 6/1	0	0	3414	188	129	16	9	0.02	1.00	2
9720240	9720238	0.88	10 1-	2 ACSR 6/1	0	0	3142	187	38	4	3	0.01	1.01	0
9720232	9720240	0.97	6 1-	2 ACSR 6/1	0	0	2941	186	18	2	1	0.01	1.02	0
9720248	9720232	0.99	5 1-	2 ACSR 6/1	0	0	2906	186	15	1	1	0.00	1.02	0
9720247	9720240	1.05	1 1-	2 ACSR 6/1	0	0	2784	185	3	0	0	0.00	1.01	0
9720239	9720238	0.81	12 1-	2 ACSR 6/1	0	0	3306	187	92	11	6	0.01	1.01	0
9720243	9720239	0.85	11 1-	2 ACSR 6/1	0	0	3211	187	87	11	6	0.01	1.03	0
9720260	9720243	0.88	3 1-	2 ACSR 6/1	0	0	3135	187	32	4	2	0.00	1.03	0
9720262	9720260	0.91	1 1-	2 ACSR 6/1	0	0	3077	186	10	1	1	0.00	1.03	0
9720261	9720260	0.93	1 1-	2 ACSR 6/1	0	0	3033	186	12	1	1	0.00	1.03	0
9720245	9720243	0.90	5 1-	2 ACSR 6/1	0	0	3101	186	35	4	2	0.01	1.03	0
9720246	9720245	0.96	4 1-	2 ACSR 6/1	0	0	2958	186	26	3	2	0.01	1.04	0
9720259	9720246	1.01	3 1-	2 ACSR 6/1	0	0	2857	186	16	2	1	0.00	1.04	0
9720244	9720243	0.92	2 1-	2 ACSR 6/1	0	0	3050	186	10	1	1	0.00	1.03	0
9720226	9720224	0.71	441 3-	3/0 ACSR 6/1	4113	3983	3601	188	3421	143	48	0.10	0.74	218
9720233	9720226	0.76	439 3-	3/0 ACSR 6/1	4019	3882	3490	188	3408	143	48	0.09	0.81	192
9720234	9720233	0.82	436 3-	3/0 ACSR 6/1	3901	3756	3353	188	3393	142	48	0.12	0.90	254
D09-72-P009	9720234	0.82	12 1-	FUS-40	0	0	3353	188	82	10	29	0.00	1.20	0
9720213	D09-72-P009	0.85	12 1-	2 ACSR 6/1	0	0	3282	188	82	10	6	0.01	1.21	0
9720258	9720213	0.98	4 1-	2 ACSR 6/1	0	0	3003	187	27	3	2	0.01	1.22	0
9720236	9720258	1.12	3 1-	2 ACSR 6/1	0	0	2735	185	21	2	1	0.01	1.23	0
9720242	9720213	0.88	7 1-	2 ACSR 6/1	0	0	3216	187	50	6	4	0.00	1.22	0
9720263	9720242	0.93	5 1-	2 ACSR 6/1	0	0	3111	187	42	5	3	0.01	1.22	0
9720264	9720263	1.01	4 1-	2 ACSR 6/1	0	0	2936	186	41	5	3	0.01	1.23	0
9720283	9720264	1.05	2 1-	2 ACSR 6/1	0	0	2851	186	30	3	2	0.00	1.24	0
9720285	9720283	1.20	1 1-	2 ACSR 6/1	0	0	2590	185	12	1	1	0.00	1.24	0
9720277	9720264	1.08	1 1-	2 ACSR 6/1	0	0	2808	186	4	0	0	0.00	1.24	0
9720284	9720277	1.19	1 1-	2 ACSR 6/1	0	0	2608	185	4	0	0	0.00	1.24	0
9720276	9720242	0.91	1 1-	2 ACSR 6/1	0	0	3155	187	4	0	0	0.00	1.22	0
9720235	9720234	0.84	3 1-	2 ACSR 6/1	0	0	3299	188	16	2	1	0.00	1.22	0
9720241	9720234	0.88	421 3-	3/0 ACSR 6/1	3804	3653	3244	188	3293	138	46	0.09	0.97	202
9720278	9720241	0.96	2 3- 15	KV 2 URD XLP	3713	3564	3148	479	250	12	7	0.02	1.00	6
9721720	9720278	0.96	2 3-	Consumer	3713	3564	3148	479	250	12	0	0.00	1.00	0
9720253	9720241	0.88	418 3-	3/0 ACSR 6/1	3796	3645	3234	188	3037	127	43	0.01	0.98	15
9720275	9720253	0.93	417 3-	3/0 ACSR 6/1	3725	3569	3154	187	3032	127	42	0.07	1.03	134
9720274	9720275	0.94	417 3-	3/0 ACSR 6/1	3704	3547	3131	187	3031	127	42	0.02	1.04	40
D09-72-P003	9720274	0.94	11 1-	FUS	0	0	3131	187	73	9	211	0.00	1.40	0
9720089	D09-72-P003	0.97	11 1-	2 ACSR 6/1	0	0	3074	187	73	9	5	0.01	1.41	0
9720255	9720089	0.98	7 1-	2 ACSR 6/1	0	0	3053	187	51	6	4	0.00	1.41	0
9720267	9720255	1.02	7 1-	2 ACSR 6/1	0	0	2962	187	51	6	4	0.01	1.42	0
9720269	9720267	1.06	6 1-	2 ACSR 6/1	0	0	2895	186	43	5	3	0.00	1.42	0
9720272	9720269	1.08	2 1-	2 ACSR 6/1	0	0	2854	186	20	2	1	0.00	1.42	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9720273	9720272	1.11	1 1-	2 ACSR 6/1	0	0	2801	186	7	0	1	0.00	1.42	0
9720268	9720267	1.06	0 1-	2 ACSR 6/1	0	0	2892	186	0	0	0	0.00	1.42	0
9720266	9720268	1.11	0 1-	2 ACSR 6/1	0	0	2800	186	0	0	0	0.00	1.42	0
9720251	9720089	1.00	4 1-	2 ACSR 6/1	0	0	3003	187	22	2	2	0.00	1.41	0
9720252	9720251	1.04	3 1-	2 ACSR 6/1	0	0	2927	187	19	2	1	0.00	1.41	0
9720265	9720252	1.08	1 1-	2 ACSR 6/1	0	0	2856	186	10	1	1	0.00	1.41	0
9720270	9720274	1.02	404 3-	3/0 ACSR 6/1	3577	3414	2993	187	2953	124	41	0.13	1.13	239
9720271	9720270	1.08	402 3-	3/0 ACSR 6/1	3498	3331	2908	187	2936	123	41	0.08	1.19	156
9720257	9720271	1.11	1 1-	2 ACSR 6/1	0	0	2836	187	10	1	1	0.00	0.41	0
9720256	9720271	1.14	398 3-	3/0 ACSR 6/1	3409	3239	2814	187	2914	122	41	0.10	1.26	181
CAP154	9720256	1.14	398 3-	Capacitor	0	0	0	0	2913	122	0	0.00	1.26	0
8790042	CAP154	1.21	2 3-	3/0 ACSR 6/1	3309	3135	2709	186	16	0	0	0.00	1.26	0
8790207	8790042	1.24	2 1-	2 ACSR 6/1	0	0	2668	186	16	2	1	0.00	1.70	0
8790206	8790042	1.23	0 3-	3/0 ACSR 6/1	3293	3119	2693	186	0	0	0	0.00	1.26	0
08-79-P052-B	8790206	1.23	0 3-	Open	3293	3119	2693	186	0	0	0	0.00	1.26	0
8790162	CAP154	1.20	396 3-	4/0 ACSR 6/1	3321	3146	2725	186	2897	122	36	0.08	1.32	133
8790163	8790162	1.27	4 1-	2 ACSR 6/1	0	0	2604	186	29	3	2	0.01	1.73	0
8790164	8790163	1.31	4 1-	2 ACSR 6/1	0	0	2550	185	29	3	2	0.00	1.74	0
8790130	8790164	1.37	4 1-	2 ACSR 6/1	0	0	2455	185	29	3	2	0.00	1.74	0
8790131	8790130	1.43	0 1-	2 ACSR 6/1	0	0	2375	184	0	0	0	0.00	1.74	0
8790166	8790162	1.26	389 3-	4/0 ACSR 6/1	3233	3054	2638	186	2849	120	36	0.08	1.38	134
8790173	8790166	1.26	388 3-	1/0 ACSR 6/1	3225	3045	2629	186	2841	120	52	0.01	1.39	26
08-79-P116-B	8790173	1.26	388 3-	Closed	3225	3045	2629	186	2841	120	0	0.00	1.39	0
08-79-P116-A	08-79-P116-B	1.26	388 3-	Closed	3225	3045	2629	186	2841	120	0	0.00	1.39	0
8790132	08-79-P116-A	1.32	388 3-	4/0 ACSR 6/1	3152	2970	2558	186	2841	120	35	0.07	1.44	116
8790148	8790132	1.34	386 3-	4/0 ACSR 6/1	3115	2932	2523	185	2831	120	35	0.04	1.47	60
8790165	8790148	1.39	1 1-	2 ACSR 6/1	0	0	2463	185	8	1	1	0.00	1.99	0
8790175	8790165	1.41	0 1-	2 ACSR 6/1	0	0	2424	185	0	0	0	0.00	1.99	0
8790147	8790148	1.41	385 3-	4/0 ACSR 6/1	3031	2846	2443	185	2823	119	35	0.09	1.54	140
8790146	8790147	1.46	3 1-	2 ACSR 6/1	0	0	2372	185	14	1	1	0.00	1.98	0
8790145	8790147	1.47	379 3-	4/0 ACSR 6/1	2956	2768	2371	185	2784	118	35	0.08	1.59	131
8790204	8790145	1.51	1 1-	2 ACSR 6/1	0	0	2322	185	4	0	0	0.00	2.16	0
8790176	8790145	1.52	377 3-	4/0 ACSR 6/1	2900	2712	2319	185	2772	117	35	0.06	1.64	98
8790177	8790176	1.57	376 3-	4/0 ACSR 6/1	2841	2651	2264	184	2756	117	34	0.07	1.69	108
8790168	8790177	1.60	75 3-	1/0 ACSR 6/1	2804	2614	2230	184	565	24	10	0.01	1.70	6
D08-79-P107	8790168	1.60	75 3-	REC-50-L	2804	2614	2230	184	565	24	48	0.00	1.70	0
8790169	D08-79-P107	1.63	75 3-	1/0 ACSR 6/1	2770	2579	2199	184	565	24	10	0.01	1.71	6
8790170	8790169	1.72	74 3-	1/0 ACSR 6/1	2683	2492	2120	184	558	23	10	0.03	1.74	14
8790171	8790170	1.84	73 3-	1/0 ACSR 6/1	2558	2367	2008	183	555	23	10	0.05	1.79	22
8790134	8790171	1.94	2 1-	2 ACSR 6/1	0	0	1921	182	10	1	1	0.00	2.23	0
8790156	8790171	1.89	71 3-	1/0 ACSR 6/1	2516	2325	1970	183	545	23	10	0.02	1.81	8
8790157	8790156	1.99	70 3-	1/0 ACSR 6/1	2424	2235	1889	182	543	23	10	0.04	1.85	17
8790160	8790157	2.16	1 1-	2 ACSR 6/1	0	0	1755	181	7	0	0	0.00	2.47	0
8790144	8790157	2.12	67 3-	1/0 ACSR 6/1	2318	2129	1798	181	524	22	10	0.05	1.89	20
8790143	8790144	2.18	63 3-	1/0 ACSR 6/1	2271	2083	1758	181	506	21	9	0.02	1.91	9
8790136	8790143	2.25	61 3-	1/0 ACSR 6/1	2220	2034	1714	181	486	20	9	0.02	1.94	9
8790139	8790136	2.31	18 1-	2 ACSR 6/1	0	0	1671	180	134	17	10	0.03	2.58	3
8790140	8790139	2.43	16 1-	2 ACSR 6/1	0	0	1594	179	121	15	9	0.05	2.64	5
8790141	8790140	2.46	15 1-	2 ACSR 6/1	0	0	1572	179	120	15	9	0.01	2.65	1
8780027	8790141	2.54	14 1-	2 ACSR 6/1	0	0	1525	179	116	14	8	0.03	2.69	3
8780037	8780027	2.64	1 1-	2 ACSR 6/1	0	0	1468	178	2	0	0	0.00	2.69	0
8780068	8780027	2.62	3 1-	2 ACSR 6/1	0	0	1477	178	21	2	2	0.00	2.69	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8790191	8780068	2.72	1 1-	15 KV 2 URD XLP	0	0	1428	414	9	1	1	0.00	2.69	0
8780030	8780027	2.64	10 1-	2 ACSR 6/1	0	0	1468	178	93	11	7	0.03	2.72	2
8780031	8780030	2.70	8 1-	2 ACSR 6/1	0	0	1434	177	79	10	6	0.02	2.73	0
8780029	8780031	2.76	2 1-	2 ACSR 6/1	0	0	1403	177	16	2	1	0.00	2.74	0
8780028	8780031	2.74	5 1-	2 ACSR 6/1	0	0	1414	177	53	6	4	0.01	2.74	0
8780051	8780028	2.80	3 1-	2 ACSR 6/1	0	0	1386	177	34	4	2	0.01	2.75	0
8780052	8780051	2.86	2 1-	2 ACSR 6/1	0	0	1356	176	19	2	1	0.00	2.75	0
8780050	8780028	2.84	1 1-	2 ACSR 6/1	0	0	1366	176	12	1	1	0.00	2.74	0
8790161	8790139	2.36	1 1-	2 ACSR 6/1	0	0	1642	180	10	1	1	0.00	2.59	0
8790137	8790136	2.33	43 3-	1/0 ACSR 6/1	2163	1978	1666	180	353	15	7	0.00	1.96	9
8790138	8790137	2.36	41 3-	1/0 ACSR 6/1	2142	1958	1648	180	348	14	6	0.00	1.96	4
8790125	8790138	2.40	1 1-	2 ACSR 6/1	0	0	1623	180	8	0	1	0.00	1.03	0
8790028	8790138	2.40	25 1-	2 ACSR 6/1	0	0	1622	180	217	27	15	0.03	1.06	5
8790203	8790028	2.44	2 1-	2 ACSR 6/1	0	0	1600	180	18	2	1	0.00	1.06	0
8790127	8790028	2.43	22 1-	2 ACSR 6/1	0	0	1608	180	189	24	13	0.01	1.07	2
8790128	8790127	2.46	22 1-	2 ACSR 6/1	0	0	1583	179	189	24	13	0.03	1.10	4
8790129	8790128	2.50	1 1-	2 ACSR 6/1	0	0	1560	179	10	1	1	0.00	1.10	0
8790029	8790128	2.49	21 1-	2 ACSR 6/1	0	0	1566	179	179	22	13	0.02	1.12	3
8780067	8790029	2.59	3 1-	2 ACSR 6/1	0	0	1505	178	17	2	1	0.00	1.12	0
8690287	8780067	2.69	2 1-	2 ACSR 6/1	0	0	1454	178	6	0	0	0.00	1.12	0
8690286	8690287	2.78	1 1-	2 ACSR 6/1	0	0	1403	177	0	0	0	0.00	1.12	0
8780056	8790029	2.51	18 1-	2 ACSR 6/1	0	0	1552	179	162	20	12	0.01	1.13	2
8780058	8780056	2.56	1 1-	2 ACSR 6/1	0	0	1528	179	7	0	1	0.00	1.13	0
8780057	8780056	2.58	16 1-	2 ACSR 6/1	0	0	1516	179	138	17	10	0.03	1.16	3
8780053	8780057	2.60	2 1-	2 ACSR 6/1	0	0	1499	178	19	2	1	0.00	1.16	0
8780055	8780057	2.63	12 1-	2 ACSR 6/1	0	0	1486	178	104	13	7	0.02	1.18	2
8680013	8780055	2.66	10 1-	2 ACSR 6/1	0	0	1467	178	82	10	6	0.01	1.19	0
8680014	8680013	2.72	9 1-	2 ACSR 6/1	0	0	1437	178	77	9	5	0.01	1.21	0
8680010	8680014	2.77	4 1-	2 ACSR 6/1	0	0	1409	177	47	6	3	0.01	1.21	0
8680012	8680010	2.82	1 1-	2 ACSR 6/1	0	0	1386	177	11	1	1	0.00	1.22	0
8680011	8680010	2.84	1 1-	2 ACSR 6/1	0	0	1373	177	13	1	1	0.00	1.22	0
8680008	8680014	2.79	1 1-	2 ACSR 6/1	0	0	1402	177	9	1	1	0.00	1.21	0
8680009	8780055	2.68	2 1-	2 ACSR 6/1	0	0	1457	178	22	2	2	0.00	1.19	0
8780054	8780057	2.60	1 1-	2 ACSR 6/1	0	0	1502	178	10	1	1	0.00	1.16	0
8780071	8780054	2.61	1 1-	2 ACSR 6/1	0	0	1495	178	10	1	1	0.00	1.16	0
8790126	8790028	2.44	1 1-	2 ACSR 6/1	0	0	1598	180	11	1	1	0.00	1.06	0
8790027	8790138	2.38	15 1-	2 ACSR 6/1	0	0	1637	180	122	15	9	0.01	2.31	0
8790154	8790027	2.42	15 1-	2 ACSR 6/1	0	0	1612	180	122	15	9	0.02	2.33	2
8790208	8790154	2.44	1 1-	15 KV 2 URD XLP	0	0	1597	429	10	1	1	0.00	2.33	0
8790155	8790154	2.47	13 1-	2 ACSR 6/1	0	0	1582	179	103	13	7	0.02	2.35	1
8790153	8790155	2.50	12 1-	15 KV 2 URD XLP	0	0	1564	426	102	13	8	0.01	2.36	1
8790151	8790153	2.52	1 1-	15 KV 2 URD XLP	0	0	1553	425	13	1	1	0.00	2.36	0
8790181	8790153	2.53	10 1-	2 ACSR 6/1	0	0	1546	179	82	10	6	0.01	2.37	0
8790183	8790181	2.54	9 1-	2 ACSR 6/1	0	0	1535	179	76	9	5	0.00	2.38	0
8790150	8790183	2.57	7 1-	15 KV 2 URD XLP	0	0	1522	423	57	7	4	0.01	2.38	0
8690309	8790150	2.58	1 1-	15 KV 2 URD XLP	0	0	1514	422	5	0	0	0.00	2.38	0
8690276	8790150	2.59	5 1-	15 KV 2 URD XLP	0	0	1508	421	46	5	4	0.00	2.39	0
8690278	8690276	2.63	1 1-	2 ACSR 6/1	0	0	1486	178	11	1	1	0.00	2.39	0
8690277	8690276	2.61	2 1-	2 ACSR 6/1	0	0	1498	178	14	1	1	0.00	2.39	0
8790149	8790183	2.59	1 1-	15 KV 2 URD XLP	0	0	1511	421	13	1	1	0.00	2.38	0
8690275	8790149	2.63	1 1-	15 KV 2 URD XLP	0	0	1486	419	13	1	1	0.00	2.38	0
8790152	8790155	2.49	1 1-	15 KV 2 URD XLP	0	0	1566	426	1	0	0	0.00	2.35	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8790124	8790152	2.51	0 1-	15 KV 2 URD XLP	0	0	1556	425	0	0	0	0.00	2.35	0
8790193	8790152	2.54	1 1-	15 KV 2 URD XLP	0	0	1541	424	1	0	0	0.00	2.35	0
8790133	8790143	2.21	1 1-	2 ACSR 6/1	0	0	1739	181	9	1	1	0.00	2.29	0
8790142	8790144	2.24	4 1-	2 ACSR 6/1	0	0	1708	181	17	2	1	0.00	2.52	0
8790159	8790157	2.22	1 1-	2 ACSR 6/1	0	0	1705	180	3	0	0	0.00	2.26	0
8790158	8790157	2.08	1 1-	2 ACSR 6/1	0	0	1817	181	9	1	1	0.00	2.47	0
8790167	8790169	1.73	1 1-	2 ACSR 6/1	0	0	2093	183	8	0	1	0.00	2.32	0
8790184	8790167	1.79	1 1-	15 KV 2 URD XLP	0	0	2037	450	8	0	1	0.00	2.32	0
8790201	8790177	1.61	299 3-	4/0 ACSR 6/1	2791	2600	2218	184	2187	92	27	0.05	1.72	64
8790202	8790201	1.67	298 3-	4/0 ACSR 6/1	2727	2536	2160	184	2172	92	27	0.06	1.77	83
8790174	8790202	1.80	297 3-	4/0 ACSR 6/1	2597	2405	2042	183	2162	91	27	0.14	1.86	182
8790179	8790174	1.85	296 3-	4/0 ACSR 6/1	2548	2357	1999	183	2156	91	27	0.05	1.90	72
8790178	8790179	1.90	0 3-	4/0 ACSR 6/1	2505	2314	1961	183	0	0	0	0.00	1.90	0
8790135	8790178	1.91	0 3-	4/0 ACSR 6/1	2497	2307	1954	183	0	0	0	0.00	1.90	0
08-79-P091-B	8790135	1.91	0 3-	Open	2497	2307	1954	183	0	0	0	0.00	1.90	0
8790180	8790179	2.01	295 3-	1/0 ACSR 6/1	2411	2221	1879	182	2147	91	40	0.30	2.11	420
D08-69-P309	8790180	2.01	295 3-	REC-100-L	2411	2221	1879	182	2143	91	91	0.00	2.11	0
8690051	D08-69-P309	2.06	295 3-	1/0 ACSR 6/1	2364	2175	1838	182	2143	91	40	0.11	2.19	156
8690063	8690051	2.13	1 1-	2 ACSR 6/1	0	0	1787	181	7	0	1	0.00	2.89	0
8690046	8690051	2.12	294 3-	1/0 ACSR 6/1	2316	2128	1797	181	2135	91	40	0.12	2.27	162
20850070	8690046	2.18	1 1-	2 ACSR 6/1	0	0	1753	181	8	0	1	0.00	3.12	0
8690047	8690046	2.17	293 3-	1/0 ACSR 6/1	2283	2095	1768	181	2126	90	39	0.08	2.33	116
8690279	8690047	2.24	0 1-	2 ACSR 6/1	0	0	1712	181	0	0	0	0.00	3.21	0
8690280	8690047	2.24	293 3-	1/0 ACSR 6/1	2230	2043	1723	181	2125	90	39	0.14	2.43	190
D08-69-P005	8690280	2.24	1 1-	FUS-30	0	0	1723	181	6	0	3	0.00	3.21	0
8690306	D08-69-P005	2.44	1 1-	2 ACSR 6/1	0	0	1583	179	6	0	0	0.00	3.21	0
8690281	8690280	2.31	290 3-	1/0 ACSR 6/1	2180	1995	1681	180	2094	89	39	0.13	2.52	183
8690222	8690281	2.38	288 3-	1/0 ACSR 6/1	2134	1950	1642	180	2084	89	39	0.13	2.61	178
8690254	8690222	2.44	1 1-	2 ACSR 6/1	0	0	1601	180	10	1	1	0.00	3.46	0
8690255	8690222	2.42	7 1-	2 ACSR 6/1	0	0	1614	180	49	6	4	0.01	3.61	0
8690256	8690255	2.44	6 1-	2 ACSR 6/1	0	0	1600	180	43	5	3	0.00	3.61	0
8690257	8690256	2.47	5 1-	2 ACSR 6/1	0	0	1579	179	34	4	2	0.00	3.62	0
8690300	8690257	2.51	4 1-	2 ACSR 6/1	0	0	1556	179	22	2	2	0.00	3.62	0
8690301	8690300	2.58	2 1-	2 ACSR 6/1	0	0	1514	179	15	1	1	0.00	3.62	0
8690304	8690222	2.45	280 3-	1/0 ACSR 6/1	2084	1902	1600	180	2024	86	38	0.14	2.71	187
8690307	8690304	2.50	2 3-	1/0 ACSR 6/1	2055	1874	1576	179	19	0	0	0.00	2.71	0
8690305	8690304	2.47	278 3-	1/0 ACSR 6/1	2074	1892	1591	180	2003	85	37	0.03	2.73	38
8690225	8690305	2.52	278 3-	1/0 ACSR 6/1	2043	1862	1565	179	2002	85	37	0.09	2.79	121
8690209	8690225	2.56	1 1-	2 ACSR 6/1	0	0	1543	179	14	1	1	0.00	3.86	0
8690207	8690225	2.54	5 1-	2 ACSR 6/1	0	0	1550	179	38	4	3	0.00	3.71	0
8690208	8690207	2.56	4 1-	2 ACSR 6/1	0	0	1539	179	22	2	2	0.00	3.71	0
8690206	8690208	2.60	3 1-	2 ACSR 6/1	0	0	1516	179	14	1	1	0.00	3.72	0
8690272	8690206	2.64	2 1-	2 ACSR 6/1	0	0	1496	178	13	1	1	0.00	3.72	0
8690273	8690272	2.68	1 1-	2 ACSR 6/1	0	0	1471	178	9	1	1	0.00	3.72	0
8690052	8690225	2.57	272 3-	1/0 ACSR 6/1	2012	1832	1540	179	1949	83	36	0.09	2.86	115
8690204	8690052	2.59	12 1-	2 ACSR 6/1	0	0	1529	179	80	10	6	0.01	3.80	0
8690205	8690204	2.60	11 1-	2 ACSR 6/1	0	0	1518	179	74	9	5	0.00	3.80	0
8690226	8690205	2.64	9 1-	2 ACSR 6/1	0	0	1497	179	68	8	5	0.01	3.81	0
8690224	8690226	2.70	7 1-	2 ACSR 6/1	0	0	1465	178	58	7	4	0.01	3.82	0
8690274	8690224	2.77	6 1-	2 ACSR 6/1	0	0	1430	178	48	6	3	0.01	3.83	0
8690258	8690274	2.81	5 1-	2 ACSR 6/1	0	0	1408	177	43	5	3	0.01	3.84	0
8690259	8690258	2.86	4 1-	2 ACSR 6/1	0	0	1382	177	36	4	3	0.01	3.85	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
8690260	8690259	2.89	3 1-	2 ACSR 6/1	0	0	1367	177	24	3	2	0.00	3.85	0
8690261	8690260	2.93	2 1-	2 ACSR 6/1	0	0	1351	176	14	1	1	0.00	3.85	0
8690262	8690261	2.98	2 1-	2 ACSR 6/1	0	0	1328	176	14	1	1	0.00	3.85	0
8690199	8690052	2.62	260 3-	1/0 ACSR 6/1	1979	1801	1513	179	1867	80	35	0.10	2.92	117
8690210	8690199	2.66	258 3-	1/0 ACSR 6/1	1960	1782	1496	179	1853	79	35	0.06	2.96	72
20850010	8690210	2.67	257 3-	1/0 ACSR 6/1	1951	1773	1489	179	1843	79	34	0.03	2.98	32
20850011	20850010	2.71	256 3-	1/0 ACSR 6/1	1932	1755	1474	178	1831	78	34	0.06	3.02	69
8690067	20850011	2.75	6 1-	2 ACSR 6/1	0	0	1452	178	23	3	2	0.00	4.21	0
8690068	8690067	2.81	2 1-	2 ACSR 6/1	0	0	1419	178	5	0	0	0.00	4.21	0
8690048	20850011	2.75	250 3-	1/0 ACSR 6/1	1906	1730	1452	178	1807	77	34	0.09	3.07	97
8690296	8690048	2.83	8 1-	2 ACSR 6/1	0	0	1412	178	51	6	4	0.01	4.06	0
8690297	8690296	2.85	6 1-	2 ACSR 6/1	0	0	1400	177	38	4	3	0.00	4.07	0
8690298	8690297	2.99	4 1-	2 ACSR 6/1	0	0	1335	176	21	2	1	0.01	4.07	0
8690299	8690298	3.04	1 1-	2 ACSR 6/1	0	0	1314	176	8	1	1	0.00	4.07	0
8690200	8690297	2.89	1 1-	2 ACSR 6/1	0	0	1382	177	6	0	0	0.00	4.07	0
8690049	8690048	2.80	242 3-	1/0 ACSR 6/1	1883	1708	1433	178	1755	75	33	0.08	3.12	83
8690333	8690049	2.83	1 1-	2 ACSR 6/1	0	0	1418	178	9	1	1	0.00	4.38	0
8690289	8690049	2.85	2 1-	2 ACSR 6/1	0	0	1407	178	11	1	1	0.00	4.38	0
8690202	8690049	2.84	238 3-	1/0 ACSR 6/1	1860	1686	1414	178	1725	74	32	0.08	3.17	82
8690203	8690202	2.92	233 3-	1/0 ACSR 6/1	1818	1646	1380	177	1693	72	32	0.14	3.26	144
8690291	8690203	3.01	1 1- 15	KV 2 URD XLP	0	0	1341	410	16	2	1	0.01	4.61	0
8690292	8690291	3.16	1 1- 15	KV 2 URD XLP	0	0	1276	402	16	2	1	0.01	4.62	0
8690050	8690203	3.00	232 3-	1/0 ACSR 6/1	1782	1611	1351	177	1676	72	31	0.13	3.34	128
8690045	8690050	3.03	228 3-	1/0 ACSR 6/1	1765	1596	1337	177	1638	70	31	0.06	3.38	58
8690334	8690045	3.11	227 3-	1/0 ACSR 6/1	1728	1560	1307	176	1636	70	31	0.13	3.46	131
8590050	8690334	3.16	5 1-	2 ACSR 6/1	0	0	1289	176	53	6	4	0.01	4.93	0
8590049	8590050	3.18	1 1-	2 ACSR 6/1	0	0	1281	176	14	1	1	0.00	4.93	0
8590047	8590049	3.20	0 1-	2 ACSR 6/1	0	0	1271	176	0	0	0	0.00	4.93	0
8590048	8590050	3.18	2 1-	2 ACSR 6/1	0	0	1279	176	18	2	1	0.00	4.93	0
8590022	8590050	3.21	2 1-	2 ACSR 6/1	0	0	1266	176	20	2	1	0.00	4.94	0
8590041	8590022	3.23	1 1-	2 ACSR 6/1	0	0	1260	176	7	0	1	0.00	4.94	0
8590040	8590041	3.26	0 1-	2 ACSR 6/1	0	0	1246	175	0	0	0	0.00	4.94	0
8590021	8690334	3.18	222 3-	1/0 ACSR 6/1	1697	1532	1283	176	1582	68	30	0.10	3.53	101
CAP151	8590021	3.18	222 3-	Capacitor	0	0	1581	68	0	0	0	0.00	3.53	0
8590035	CAP151	3.23	136 3-	1/0 ACSR 6/1	1678	1513	1267	176	965	41	18	0.05	3.56	25
8590036	8590035	3.30	134 3-	1/0 ACSR 6/1	1649	1486	1244	175	951	41	18	0.07	3.60	36
08-59-P343-B	8590036	3.30	134 3-	Closed	1649	1486	1244	175	951	41	0	0.00	3.60	0
08-59-P343-A	08-59-P343-B	3.30	134 3-	Closed	1649	1486	1244	175	951	41	0	0.00	3.60	0
8590037	08-59-P343-A	3.35	134 3-	1/0 ACSR 6/1	1627	1465	1226	175	951	41	18	0.06	3.64	29
8590051	8590037	3.38	1 1- 15	KV 2 URD XLP	0	0	1215	400	10	1	1	0.00	5.20	0
8590038	8590037	3.38	1 1-	2 ACSR 6/1	0	0	1217	175	2	0	0	0.00	1.08	0
8590052	8590037	3.42	132 3-	1/0 ACSR 6/1	1599	1439	1204	175	938	40	18	0.07	3.68	37
8590124	8590052	3.50	131 3-	1/0 ACSR 6/1	1569	1410	1180	174	928	40	18	0.08	3.73	39
8590125	8590124	3.55	130 3-	1/0 ACSR 6/1	1552	1395	1167	174	919	39	17	0.04	3.76	22
8590055	8590125	3.61	129 3-	1/0 ACSR 6/1	1529	1373	1148	174	908	39	17	0.06	3.80	31
8590113	8590055	3.67	121 3-	1/0 ACSR 6/1	1508	1354	1132	174	840	36	16	0.05	3.84	23
8590053	8590113	3.73	1 1-	2 ACSR 6/1	0	0	1114	173	18	2	1	0.00	5.51	0
8590054	8590053	3.83	1 1-	2 ACSR 6/1	0	0	1081	172	18	2	1	0.01	5.51	0
8590039	8590054	4.01	1 1- 15	KV 2 URD XLP	0	0	1031	377	18	2	1	0.01	5.52	0
8590103	8590113	3.92	120 3-	1/0 ACSR 6/1	1427	1278	1069	172	821	35	16	0.19	3.97	92
8590111	8590103	3.98	115 3-	1/0 ACSR 6/1	1407	1259	1053	172	796	34	15	0.05	4.01	23
8590112	8590111	4.04	111 3-	1/0 ACSR 6/1	1389	1243	1039	172	777	33	15	0.04	4.04	20

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
8590101	8590112	4.09	110 3-	1/0 ACSR 6/1	1375	1230	1028	171	766	33	14	0.03	4.07	15
8590109	8590101	4.21	2 1-	2 ACSR 6/1	0	0	995	171	19	2	1	0.00	5.81	0
8590106	8590101	4.18	94 3-	1/0 ACSR 6/1	1350	1207	1008	171	665	28	13	0.04	4.11	21
8590108	8590106	4.21	3 1-	2 ACSR 6/1	0	0	999	171	15	1	1	0.00	4.98	0
8590095	8590108	4.33	1 1-	2 ACSR 6/1	0	0	970	170	4	0	0	0.00	4.98	0
8590107	8590106	4.25	90 3-	1/0 ACSR 6/1	1332	1190	994	171	646	28	12	0.03	4.14	16
8590117	8590107	4.39	1 1-	2 ACSR 6/1	0	0	959	170	15	2	1	0.00	5.88	0
8590096	8590107	4.28	89 3-	1/0 ACSR 6/1	1324	1182	988	171	630	27	12	0.01	4.15	7
8590094	8590096	4.42	86 3-	1/0 ACSR 6/1	1287	1148	959	170	623	27	12	0.05	4.21	31
9520103	8590094	4.48	85 3-	1/0 ACSR 6/1	1272	1134	947	170	615	26	12	0.02	4.23	13
9520104	9520103	4.54	84 3-	1/0 ACSR 6/1	1257	1121	936	169	614	26	12	0.02	4.26	12
09-52-P123-B	9520104	4.54	84 3-	Closed	1257	1121	936	169	614	26	0	0.00	4.26	0
09-52-P123-A	09-52-P123-B	4.54	84 3-	Closed	1257	1121	936	169	614	26	0	0.00	4.26	0
9520018	09-52-P123-A	4.61	84 3-	1/0 ACSR 6/1	1240	1105	923	169	614	26	12	0.03	4.29	16
9520126	9520018	4.68	2 1- 15 KV 2 URD XLP		0	0	907	363	16	2	1	0.00	5.12	0
9520127	9520018	4.69	1 1-	2 ACSR 6/1	0	0	906	168	0	0	0	0.00	1.74	0
9520128	9520127	4.81	0 1-	2 ACSR 6/1	0	0	881	168	0	0	0	0.00	1.74	0
9520150	9520018	4.72	1 1-	2 ACSR 6/1	0	0	899	168	4	0	0	0.00	5.12	0
9520107	9520018	4.67	80 3-	1/0 ACSR 6/1	1225	1091	911	169	594	25	11	0.02	4.32	13
9520106	9520107	4.72	71 3-	1/0 ACSR 6/1	1214	1081	903	168	484	21	9	0.02	4.33	8
9520125	9520106	4.77	1 1- 15 KV 2 URD XLP		0	0	893	362	4	0	0	0.00	6.06	0
9520129	9520106	4.81	1 1-	2 ACSR 6/1	0	0	885	168	5	0	0	0.00	5.14	0
9520108	9520106	4.76	69 3-	1/0 ACSR 6/1	1204	1072	895	168	475	20	9	0.02	4.35	6
9520148	9520108	4.94	68 3-	1/0 ACSR 6/1	1167	1037	866	167	470	20	9	0.08	4.40	26
9520131	9520148	5.02	3 1-	2 ACSR 6/1	0	0	850	167	36	4	3	0.01	6.17	0
9520151	9520131	5.14	2 1-	2 ACSR 6/1	0	0	829	166	19	2	1	0.00	6.17	0
9520130	9520148	5.06	61 3-	1/0 ACSR 6/1	1142	1015	848	167	423	18	8	0.04	4.44	15
9520120	9520130	5.12	1 1-	2 ACSR 6/1	0	0	836	166	14	1	1	0.00	6.20	0
9520142	9520130	5.20	58 3-	1/0 ACSR 6/1	1115	990	827	166	371	16	7	0.03	4.47	15
9520143	9520142	5.23	57 3-	1/0 ACSR 6/1	1109	984	822	166	365	15	7	0.01	4.48	3
9520021	9520143	5.30	54 3-	1/0 ACSR 6/1	1095	972	811	166	340	14	6	0.02	4.50	6
D09-52-P021	9520021	5.30	26 1-	RCR-35-H	0	0	811	166	164	20	60	0.00	2.09	0
9520146	D09-52-P021	5.34	26 1-	2 ACSR 6/1	0	0	805	165	164	20	12	0.02	2.12	3
9520027	9520146	5.38	25 1-	2 ACSR 6/1	0	0	799	165	156	20	11	0.02	2.14	3
9520029	9520027	5.43	14 1-	2 ACSR 6/1	0	0	791	165	97	12	7	0.02	2.15	1
9520039	9520029	5.48	12 1-	2 ACSR 6/1	0	0	783	165	79	10	6	0.01	2.17	0
9520024	9520039	5.59	9 1-	2 ACSR 6/1	0	0	764	164	61	7	4	0.03	2.19	1
9520026	9520024	5.72	1 1-	2 ACSR 6/1	0	0	746	163	3	0	0	0.00	2.19	0
9520025	9520024	5.62	2 1-	2 ACSR 6/1	0	0	760	164	25	3	2	0.00	2.19	0
9520022	9520024	5.67	5 1-	2 ACSR 6/1	0	0	753	163	27	3	2	0.00	2.20	0
9420036	9520022	5.78	2 1- 15 KV 2 URD XLP		0	0	736	333	2	0	0	0.00	2.20	0
9520028	9520027	5.45	11 1-	2 ACSR 6/1	0	0	787	165	59	7	4	0.02	2.15	0
9520030	9520028	5.47	10 1-	2 ACSR 6/1	0	0	784	165	57	7	4	0.00	2.16	0
9520032	9520030	5.49	2 1-	2 ACSR 6/1	0	0	780	164	13	1	1	0.00	2.16	0
9520036	9520032	5.51	1 1-	2 ACSR 6/1	0	0	777	164	5	0	0	0.00	2.16	0
9520031	9520030	5.68	8 1-	2 ACSR 6/1	0	0	752	163	44	5	3	0.03	2.19	0
9520023	9520031	5.74	7 1-	2 ACSR 6/1	0	0	743	163	36	4	3	0.01	2.19	0
9520020	9520023	5.82	5 1- 15 KV 2 URD XLP		0	0	731	332	29	3	2	0.01	2.20	0
9520141	9520020	5.87	4 1- 15 KV 2 URD XLP		0	0	724	331	20	2	2	0.00	2.21	0
9520037	9520141	5.95	4 1-	2 ACSR 6/1	0	0	714	161	20	2	1	0.01	2.21	0
9520038	9520037	6.03	3 1-	2 ACSR 6/1	0	0	702	161	17	2	1	0.00	2.22	0
9520019	9520023	5.91	1 1-	2 ACSR 6/1	0	0	718	162	5	0	0	0.00	2.20	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9520116	9520021	5.45	26 3-	1/0 ACSR 6/1	1068	947	791	165	135	5	3	0.01	4.51	1
9520117	9520116	5.54	26 3-	1/0 ACSR 6/1	1053	933	780	165	135	5	3	0.01	4.52	0
9520118	9520117	5.60	24 3-	1/0 ACSR 6/1	1043	924	772	164	130	5	2	0.01	4.52	0
9520114	9520118	5.66	1 1-	2 ACSR 6/1	0	0	762	164	4	0	0	0.00	6.28	0
9520113	9520118	5.70	5 1-	2 ACSR 6/1	0	0	757	164	35	4	3	0.01	5.18	0
9520115	9520113	5.73	1 1-	2 ACSR 6/1	0	0	752	163	11	1	1	0.00	5.18	0
9520112	9520113	5.78	2 1-	2 ACSR 6/1	0	0	745	163	15	1	1	0.00	5.19	0
9520017	9520118	5.73	18 3-	1/0 ACSR 6/1	1022	905	756	164	90	3	2	0.01	4.53	0
9520011	9520017	5.81	2 1- 15	KV 2 URD XLP	0	0	744	336	23	2	2	0.00	6.30	0
9520144	9520017	5.75	16 3-	1/0 ACSR 6/1	1018	902	753	164	67	2	1	0.00	4.53	0
9520145	9520144	5.81	16 3-	1/0 ACSR 6/1	1009	893	746	163	67	2	1	0.00	4.53	0
9520119	9520145	5.90	3 1-	2 ACSR 6/1	0	0	733	163	15	1	1	0.00	6.30	0
9520012	9520145	5.96	2 1-	2 ACSR 6/1	0	0	724	162	6	0	0	0.00	5.18	0
9520016	9520145	6.00	11 3-	1/0 ACSR 6/1	980	867	724	163	46	2	1	0.00	4.54	0
9420071	9520016	6.13	8 3-	1/0 ACSR 6/1	960	849	709	162	23	1	0	0.00	4.54	0
9530182	9420071	6.21	7 3-	1/0 ACSR 6/1	950	840	701	162	20	0	0	0.00	4.54	0
9530143	9530182	6.24	3 3-	1/0 ACSR 6/1	945	835	697	161	6	0	0	0.00	4.54	0
9530144	9530143	6.25	0 3-	1/0 ACSR 6/1	944	834	697	161	0	0	0	0.00	4.54	0
09-53-P002-B	9530144	6.25	0 3-	Open	944	834	697	161	0	0	0	0.00	4.54	0
9420037	9520016	6.08	2 1-	2 ACSR 6/1	0	0	712	162	19	2	1	0.00	2.15	0
9420038	9420037	6.12	1 1-	2 ACSR 6/1	0	0	707	162	9	1	1	0.00	2.15	0
9420047	9520016	6.08	1 1-	2 ACSR 6/1	0	0	713	162	4	0	0	0.00	6.30	0
9520035	9520021	5.39	1 1-	2 ACSR 6/1	0	0	798	165	18	2	1	0.00	6.26	0
9520134	9520130	5.18	2 1-	2 ACSR 6/1	0	0	825	166	37	4	3	0.01	6.21	0
9520133	9520134	5.21	1 1- 15	KV 2 URD XLP	0	0	820	350	23	3	2	0.00	6.22	0
9520149	9520148	4.99	0 1-	2 ACSR 6/1	0	0	856	167	0	0	0	0.00	5.14	0
9520164	9520148	5.09	1 1-	2 ACSR 6/1	0	0	838	166	4	0	0	0.00	6.16	0
9520105	9520107	4.71	8 1-	2 ACSR 6/1	0	0	903	168	100	13	7	0.01	5.15	0
9520124	9520105	4.73	2 1- 15	KV 2 URD XLP	0	0	900	363	24	3	2	0.00	5.15	0
9520123	9520105	4.79	4 1- 15	KV 2 URD XLP	0	0	888	360	56	7	4	0.02	5.17	0
9520122	9520123	4.80	2 1- 15	KV 2 URD XLP	0	0	885	360	30	3	2	0.00	5.17	0
9520121	9520123	4.81	2 1- 15	KV 2 URD XLP	0	0	883	359	26	3	2	0.00	5.17	0
8590105	8590101	4.14	11 1-	2 ACSR 6/1	0	0	1016	171	55	7	4	0.01	5.82	0
D08-59-P096	8590105	4.14	10 1-	REC-50-H	0	0	1016	171	54	7	14	0.00	5.82	0
8590018	D08-59-P096	4.18	10 1-	2 ACSR 6/1	0	0	1005	171	54	7	4	0.01	5.83	0
8590110	8590018	4.23	1 1-	2 ACSR 6/1	0	0	992	171	0	0	0	0.00	5.83	0
8590097	8590018	4.18	9 1-	2 ACSR 6/1	0	0	1004	171	54	7	4	0.00	5.83	0
8590099	8590097	4.25	7 1-	2 ACSR 6/1	0	0	987	170	37	4	3	0.01	5.84	0
8590098	8590099	4.38	5 1-	2 ACSR 6/1	0	0	955	169	36	4	3	0.02	5.85	0
8590034	8590098	4.53	2 1-	2 ACSR 6/1	0	0	920	168	20	2	2	0.01	5.86	0
D08-59-P053	8590034	4.53	1 1-	FUS-25	0	0	920	168	1	0	0	0.00	5.86	0
8590127	D08-59-P053	4.74	1 1-	2 ACSR 6/1	0	0	875	167	1	0	0	0.00	5.86	0
8590033	8590098	4.42	1 1-	2 ACSR 6/1	0	0	945	169	6	0	0	0.00	5.85	0
8590132	8590033	4.54	0 1-	2 ACSR 6/1	0	0	917	168	0	0	0	0.00	5.85	0
8590032	8590098	4.43	1 1-	2 ACSR 6/1	0	0	942	169	2	0	0	0.00	5.85	0
8590100	8590099	4.33	2 1-	2 ACSR 6/1	0	0	967	170	1	0	0	0.00	5.84	0
8590102	8590101	4.13	1 1-	2 ACSR 6/1	0	0	1018	171	12	1	1	0.00	5.81	0
8590104	8590103	4.00	3 1-	2 ACSR 6/1	0	0	1045	172	12	1	1	0.00	5.69	0
8590122	8590055	3.69	7 1-	2 ACSR 6/1	0	0	1121	173	68	8	5	0.02	5.48	0
8590123	8590122	3.75	6 1-	2 ACSR 6/1	0	0	1102	173	58	7	4	0.01	5.49	0
8590128	8590123	3.83	3 1-	2 ACSR 6/1	0	0	1028	172	28	3	2	0.01	5.50	0
8690308	8590128	3.90	2 1- 15	KV 2 URD XLP	0	0	1058	382	18	2	1	0.00	5.50	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
8690303	8590128	3.87	1 1-	2 ACSR 6/1	0	0	1066	172	10	1	1	0.00	5.50	0
8690302	8690303	3.93	1 1- 15 KV	2 URD XLP	0	0	1050	381	10	1	1	0.00	5.50	0
8590114	8590123	3.82	2 1-	2 ACSR 6/1	0	0	1083	172	21	2	0	0.00	5.49	0
8590115	CAP151	3.23	86 3-	2 ACSR 6/1	1675	1510	1265	176	616	26	15	0.04	3.55	21
8590116	8590115	3.40	85 3-	2 ACSR 6/1	1587	1425	1197	174	611	26	15	0.16	3.67	84
D08-58-P033	8590116	3.40	85 3-	REC-50-H	1587	1425	1197	174	610	26	54	0.00	3.67	0
8580040	D08-58-P033	3.45	85 3-	2 ACSR 6/1	1562	1402	1178	174	610	26	15	0.05	3.70	25
8580066	8580040	3.56	81 3-	2 ACSR 6/1	1517	1358	1143	173	577	25	14	0.09	3.76	44
8580055	8580066	3.66	80 3-	2 ACSR 6/1	1471	1315	1107	173	563	24	14	0.10	3.82	46
8580042	8580055	3.72	79 3-	2 ACSR 6/1	1449	1293	1090	172	556	24	14	0.05	3.85	23
8580044	8580042	3.90	40 1-	2 ACSR 6/1	0	0	1037	171	294	38	22	0.20	5.70	46
8580045	8580044	3.95	39 1-	2 ACSR 6/1	0	0	1024	171	283	37	21	0.05	5.75	12
8580081	8580045	4.03	38 1-	2 ACSR 6/1	0	0	1002	170	269	35	20	0.08	5.84	17
8590058	8580081	4.08	36 1-	2 ACSR 6/1	0	0	989	170	256	33	19	0.05	5.88	10
8590024	8590058	4.13	25 1-	2 ACSR 6/1	0	0	976	169	168	22	12	0.03	5.92	4
D08-59-P061	8590024	4.13	21 1-	FUS-25	0	0	976	169	139	18	82	0.00	5.92	0
8590126	D08-59-P061	4.17	21 1-	2 ACSR 6/1	0	0	964	169	139	18	10	0.02	5.94	3
8590046	8590126	4.23	20 1-	2 ACSR 6/1	0	0	951	169	130	17	10	0.02	5.96	2
8590027	8590046	4.28	16 1-	2 ACSR 6/1	0	0	940	168	107	14	8	0.02	5.98	2
8590029	8590027	4.33	15 1-	2 ACSR 6/1	0	0	929	168	101	13	7	0.02	6.00	1
8590030	8590029	4.37	13 1-	2 ACSR 6/1	0	0	919	168	78	10	6	0.01	6.01	0
8590031	8590030	4.38	1 1-	2 ACSR 6/1	0	0	915	168	6	0	0	0.00	6.01	0
8590020	8590030	4.39	12 1-	2 ACSR 6/1	0	0	914	167	72	9	5	0.01	6.02	0
8490010	8590020	4.42	11 1-	2 ACSR 6/1	0	0	908	167	66	8	5	0.01	6.03	0
8490011	8490010	4.50	1 1-	2 ACSR 6/1	0	0	891	167	9	1	1	0.00	6.03	0
8490009	8490010	4.49	10 1-	2 ACSR 6/1	0	0	894	167	57	7	4	0.01	6.04	0
8480015	8490009	4.50	8 1-	2 ACSR 6/1	0	0	891	167	44	5	3	0.00	6.04	0
8480016	8480015	4.54	7 1-	2 ACSR 6/1	0	0	882	166	36	4	3	0.01	6.05	0
8490005	8480016	4.57	7 1-	2 ACSR 6/1	0	0	875	166	36	4	3	0.00	6.05	0
8490007	8490005	4.62	5 1-	2 ACSR 6/1	0	0	866	166	25	3	2	0.00	6.05	0
8490008	8490007	4.65	3 1-	2 ACSR 6/1	0	0	860	166	13	1	1	0.00	6.06	0
8490006	8490008	4.71	2 1-	2 ACSR 6/1	0	0	849	165	9	1	1	0.00	6.06	0
8490013	8490006	4.75	1 1-	2 ACSR 6/1	0	0	841	165	5	0	0	0.00	6.06	0
8490014	8490013	4.80	1 1-	2 ACSR 6/1	0	0	832	165	5	0	0	0.00	6.06	0
8590028	8590027	4.33	1 1-	2 ACSR 6/1	0	0	927	168	6	0	0	0.00	5.99	0
8590057	8590024	4.25	2 1-	2 ACSR 6/1	0	0	946	168	7	0	1	0.00	5.92	0
8580080	8590057	4.28	1 1-	2 ACSR 6/1	0	0	939	168	5	0	0	0.00	5.92	0
8590023	8590024	4.24	1 1-	2 ACSR 6/1	0	0	950	169	13	1	1	0.00	5.92	0
8590019	8590058	4.13	11 1-	2 ACSR 6/1	0	0	975	169	87	11	6	0.02	5.90	1
8590044	8590019	4.18	5 1-	2 ACSR 6/1	0	0	963	169	42	5	3	0.01	5.91	0
8590045	8590044	4.20	4 1-	2 ACSR 6/1	0	0	957	169	32	4	2	0.00	5.91	0
8590043	8590045	4.28	3 1-	2 ACSR 6/1	0	0	940	168	24	3	2	0.01	5.92	0
8590042	8590043	4.33	2 1-	2 ACSR 6/1	0	0	927	168	12	1	1	0.00	5.92	0
8590056	8590042	4.43	1 1-	2 ACSR 6/1	0	0	906	167	8	1	1	0.00	5.92	0
8590025	8590019	4.19	6 1-	2 ACSR 6/1	0	0	960	169	45	5	3	0.01	5.91	0
8590026	8590025	4.25	5 1-	2 ACSR 6/1	0	0	946	168	45	5	3	0.01	5.92	0
8590130	8590026	4.38	4 1-	2 ACSR 6/1	0	0	918	168	34	4	3	0.01	5.93	0
8590129	8590130	4.44	2 1-	2 ACSR 6/1	0	0	904	167	13	1	1	0.00	5.94	0
8590131	8590129	4.46	2 1-	2 ACSR 6/1	0	0	898	167	13	1	1	0.00	5.94	0
8580043	8580042	3.77	2 1-	2 ACSR 6/1	0	0	1074	172	19	2	1	0.00	5.15	0
8580046	8580042	3.75	37 3-	2 ACSR 6/1	1436	1282	1081	172	242	10	6	-0.01	3.86	4
8580047	8580046	3.81	33 3-	2 ACSR 6/1	1412	1259	1063	172	228	10	6	-0.01	3.88	9

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
8580050	8580047	3.87	32 3-	2 ACSR 6/1	1388	1236	1044	171	217	9	5	-0.02	3.89	9
8580060	8580050	3.92	28 1-	2 ACSR 6/1	0	0	1030	171	196	25	14	0.04	5.31	6
8580061	8580060	3.96	27 1-	2 ACSR 6/1	0	0	1021	170	186	24	14	0.02	5.33	3
8580063	8580061	3.98	26 1-	2 ACSR 6/1	0	0	1013	170	175	23	13	0.02	5.35	3
8580064	8580063	4.04	23 1-	2 ACSR 6/1	0	0	1000	170	165	21	12	0.03	5.38	4
8580057	8580064	4.08	20 1-	2 ACSR 6/1	0	0	988	170	143	18	10	0.02	5.41	3
8580082	8580057	4.11	1 1-	2 ACSR 6/1	0	0	980	169	9	1	1	0.00	5.41	0
8580058	8580057	4.12	18 1-	2 ACSR 6/1	0	0	977	169	125	16	9	0.02	5.43	2
8580065	8580058	4.18	1 1-	2 ACSR 6/1	0	0	963	169	10	1	1	0.00	5.43	0
8580059	8580058	4.19	1 1-	2 ACSR 6/1	0	0	962	169	11	1	1	0.00	5.43	0
8580079	8580058	4.21	16 1-	2 ACSR 6/1	0	0	957	169	104	13	8	0.03	5.46	3
8480019	8580079	4.23	12 1-	2 ACSR 6/1	0	0	950	169	73	9	5	0.01	5.47	0
8480020	8480019	4.30	11 1-	2 ACSR 6/1	0	0	935	168	65	8	5	0.01	5.48	0
8480021	8480020	4.35	8 1-	2 ACSR 6/1	0	0	923	168	44	5	3	0.01	5.49	0
8480022	8480021	4.39	6 1-	2 ACSR 6/1	0	0	915	168	24	3	2	0.00	5.49	0
8480012	8480022	4.42	4 1-	2 ACSR 6/1	0	0	908	167	17	2	1	0.00	5.49	0
8480013	8480012	4.47	1 1-	2 ACSR 6/1	0	0	896	167	9	1	1	0.00	5.49	0
8480014	8480012	4.46	3 1-	2 ACSR 6/1	0	0	898	167	8	1	1	0.00	5.49	0
8480017	8480022	4.45	2 1-	2 ACSR 6/1	0	0	901	167	7	0	1	0.00	5.49	0
8480018	8580079	4.26	3 1-	2 ACSR 6/1	0	0	944	168	23	3	2	0.00	5.46	0
8480023	8480018	4.31	2 1-	2 ACSR 6/1	0	0	933	168	16	2	1	0.00	5.46	0
8580062	8580063	4.02	2 1-	2 ACSR 6/1	0	0	1003	170	8	1	1	0.00	5.35	0
8580056	8580050	4.06	1 1-	2 ACSR 6/1	0	0	993	170	7	0	0	0.00	5.28	0
8580049	8580047	3.83	1 1-	2 ACSR 6/1	0	0	1057	171	11	1	1	0.00	5.49	0
8580048	8580047	3.85	0 1-	2 ACSR 6/1	0	0	1050	171	0	0	0	0.00	5.22	0
8580054	8580040	3.54	4 1-	2 ACSR 6/1	0	0	1149	173	33	4	2	0.01	4.88	0
8580051	8580054	3.58	3 1-	2 ACSR 6/1	0	0	1135	173	29	3	2	0.00	4.89	0
8580041	8580051	3.61	1 1-	2 ACSR 6/1	0	0	1124	173	17	2	1	0.00	4.89	0
8580052	8580051	3.84	2 1-	2 ACSR 6/1	0	0	1053	171	12	1	1	0.01	4.89	0
8690223	8690050	3.06	1 1-	2 ACSR 6/1	0	0	1321	176	12	1	1	0.00	4.35	0
8690294	8690050	3.01	3 1-	2 ACSR 6/1	0	0	1345	177	26	3	2	0.00	4.73	0
8690295	8690294	3.05	2 1-	2 ACSR 6/1	0	0	1329	177	18	2	1	0.00	4.73	0
8690293	8690295	3.09	1 1-	2 ACSR 6/1	0	0	1308	176	9	1	1	0.00	4.74	0
8690201	8690202	2.88	4 1-	2 ACSR 6/1	0	0	1394	177	27	3	2	0.00	4.46	0
8690290	8690201	2.91	2 1-	2 ACSR 6/1	0	0	1381	177	10	1	1	0.00	4.46	0
9720216	9720270	1.04	1 1-	2 ACSR 6/1	0	0	2958	187	13	1	1	0.00	1.52	0
9720217	9720216	1.09	1 1-	15 KV 2 URD XLP	0	0	2867	475	13	1	1	0.00	1.52	0
9720254	9720274	0.98	2 1-	2 ACSR 6/1	0	0	3047	187	5	0	0	0.00	1.39	0
9720250	9720226	0.78	1 1-	2 ACSR 6/1	0	0	3401	188	10	1	1	0.00	0.99	0
9720225	9720224	0.69	6 1-	2 ACSR 6/1	0	0	3618	188	21	2	1	0.00	0.89	0
9720249	9720225	0.74	2 1-	2 ACSR 6/1	0	0	3476	188	10	1	1	0.00	0.89	0
9620291	9720136	0.22	2 3-	336 ACSR 18/1	5120	5111	4957	190	42	1	0	0.00	0.17	0
CKT	2 total losses:	\$9,260												
SUB	45, CKT 3													
BK4503	SOUTHCORBIN(45)	0.00	240 3-	BK4503	5455	5503	5647	190	1388	58	31	0.00	0.00	0
9720088	BK4503	0.12	240 3-	336 3PSC	5272	5292	5251	190	1388	58	11	0.08	0.04	46
9720107	9720088	0.16	228 3-	1/0 ACSR 6/1	5158	5163	5080	190	1324	55	24	0.05	0.07	39
9720106	9720107	0.20	226 3-	1/0 ACSR 6/1	5024	5012	4885	190	1305	55	24	0.07	0.11	46
D09-72-P061	9720106	0.20	25 1-	REC-70-L	0	0	4885	190	194	24	35	0.00	0.20	0
9720145	D09-72-P061	0.31	25 1-	2 ACSR 6/1	0	0	4425	189	194	24	14	0.07	0.27	11
9720125	9720145	0.46	24 1-	2 ACSR 6/1	0	0	3832	187	192	24	13	0.10	0.38	15

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
9720115	9720125	0.50	22 1-	2 ACSR 6/1	0	0	3708	187	171	21	12	0.02	0.40	3	
9720116	9720115	0.54	2 1-	2 ACSR 6/1	0	0	3582	187	22	2	2	0.00	0.40	0	
9720117	9720116	0.59	1 1-	2 ACSR 6/1	0	0	3437	186	12	1	1	0.00	0.40	0	
9720144	9720115	0.53	19 1-	2 ACSR 6/1	0	0	3608	187	140	17	10	0.02	0.41	2	
9720131	9720144	0.57	1 1-	15 KV 2 URD XLP	0	0	3518	478	8	1	1	0.00	0.42	0	
9720118	9720144	0.62	3 1-	2 ACSR 6/1	0	0	3367	186	18	2	1	0.00	0.42	0	
9720119	9720118	0.68	1 1-	2 ACSR 6/1	0	0	3202	186	7	0	0	0.00	0.42	0	
9720078	9720144	0.63	15 1-	2 ACSR 6/1	0	0	3331	186	114	14	8	0.04	0.45	4	
9730043	9720078	0.70	4 1-	2 ACSR 6/1	0	0	3161	186	36	4	3	0.01	0.46	0	
9730044	9730043	0.78	3 1-	2 ACSR 6/1	0	0	2967	185	20	2	1	0.01	0.47	0	
9730057	9730044	0.80	1 1-	2 ACSR 6/1	0	0	2926	185	12	1	1	0.00	0.47	0	
9730056	9730044	0.82	1 1-	2 ACSR 6/1	0	0	2893	185	6	0	0	0.00	0.47	0	
9730023	9720078	0.71	11 1-	2 ACSR 6/1	0	0	3123	185	78	9	6	0.02	0.48	1	
9730046	9730023	0.84	10 1-	2 ACSR 6/1	0	0	2838	184	71	8	5	0.03	0.51	2	
9730050	9730046	0.97	9 1-	2 ACSR 6/1	0	0	2599	183	61	7	4	0.03	0.54	1	
9730051	9730050	1.03	8 1-	2 ACSR 6/1	0	0	2501	183	51	6	4	0.01	0.55	0	
9730053	9730051	1.08	3 1-	2 ACSR 6/1	0	0	2429	183	22	2	2	0.00	0.55	0	
9730052	9730051	1.15	3 1-	2 ACSR 6/1	0	0	2328	182	16	2	1	0.00	0.55	0	
9730045	9730023	0.79	1 1-	2 ACSR 6/1	0	0	2942	185	8	0	1	0.00	0.48	0	
9720120	9720106	0.24	197 3-	1/0 ACSR 6/1	4903	4875	4713	189	1101	46	20	0.04	0.14	27	
9720123	9720120	0.33	188 3-	1/0 ACSR 6/1	4654	4593	4374	189	1038	43	19	0.10	0.20	54	
9720124	9720123	0.52	188 3-	1/0 ACSR 6/1	4181	4065	3773	188	1038	43	19	0.21	0.33	115	
9720129	9720124	0.61	2 1-	15 KV 2 URD XLP	0	0	3540	480	13	1	1	0.00	0.34	0	
9720130	9720129	0.66	1 1-	15 KV 2 URD XLP	0	0	3413	477	6	0	0	0.00	0.34	0	
9720127	9720124	0.54	3 1-	15 KV 2 URD XLP	0	0	3736	486	27	3	2	0.00	0.34	0	
9720128	9720127	0.56	2 1-	15 KV 2 URD XLP	0	0	3679	484	19	2	1	0.00	0.34	0	
9720090	9720124	0.55	183 3-	1/0 ACSR 6/1	4111	3987	3688	188	997	42	18	0.03	0.35	18	
9720221	9720090	0.59	182 3-	1/0 ACSR 6/1	4024	3892	3585	187	988	41	18	0.04	0.38	23	
9720215	9720221	0.62	5 1-	15 KV 2 URD XLP	0	0	3513	482	38	4	3	0.00	0.63	0	
9720218	9720215	0.65	4 1-	15 KV 2 URD XLP	0	0	3433	479	31	3	2	0.00	0.63	0	
9720219	9720218	0.75	2 1-	15 KV 2 URD XLP	0	0	3198	472	17	2	1	0.00	0.63	0	
9720220	9720221	0.63	2 1-	15 KV 2 URD XLP	0	0	3484	481	13	1	1	0.00	0.62	0	
9720222	9720221	0.61	175 3-	1/0 ACSR 6/1	3978	3841	3531	187	937	39	17	0.02	0.39	11	
9720086	9720222	0.69	173 3-	1/0 ACSR 6/1	3827	3678	3358	187	919	38	17	0.07	0.44	35	
9720079	9720086	0.71	2 1-	2 ACSR 6/1	0	0	3301	187	9	1	1	0.00	0.42	0	
D09-72-P288	9720079	0.71	2 1-	FUS-30	0	0	3301	187	9	1	4	0.00	0.42	0	
9720281	D09-72-P288	0.91	2 1-	2 ACSR 6/1	0	0	2856	185	9	1	1	0.00	0.43	0	
9720080	9720086	0.81	4 1-	2 ACSR 6/1	0	0	3059	186	45	5	3	0.02	0.73	0	
9720081	9720080	0.90	2 1-	2 ACSR 6/1	0	0	2866	185	30	3	2	0.01	0.74	0	
9720083	9720081	0.96	1 1-	2 ACSR 6/1	0	0	2758	185	13	1	1	0.00	0.74	0	
9720082	9720081	0.94	1 1-	2 ACSR 6/1	0	0	2788	185	17	2	1	0.00	0.74	0	
9720084	9720086	0.75	167 3-	1/0 ACSR 6/1	3698	3539	3214	187	865	36	16	0.06	0.48	27	
9720091	9720084	0.79	3 1-	2 ACSR 6/1	0	0	3125	186	28	3	2	0.00	0.20	0	
9720092	9720084	0.80	162 3-	1/0 ACSR 6/1	3620	3455	3127	186	824	34	15	0.04	0.50	16	
9720093	9720092	0.83	158 3-	1/0 ACSR 6/1	3559	3391	3062	186	804	34	15	0.03	0.52	12	
9720095	9720093	0.91	156 3-	1/0 ACSR 6/1	3430	3254	2923	186	782	33	14	0.06	0.56	25	
9720101	9720095	1.02	155 3-	1/0 ACSR 6/1	3247	3063	2733	185	769	32	14	0.09	0.62	38	
9820090	9720101	1.05	154 3-	1/0 ACSR 6/1	3206	3020	2691	185	765	32	14	0.02	0.63	9	
9820090	9820089	1.14	52 2-	2 ACSR 6/1	0	0	2855	2541	184	300	19	11	0.03	0.85	11
D09-82-P029	9820090	1.14	52 2-	REC-50-L	0	0	2855	2541	184	300	19	38	0.00	0.85	0
9820081	D09-82-P029	1.24	52 2-	2 ACSR 6/1	0	0	2705	2386	184	300	19	11	0.03	0.90	12
9820082	9820081	1.31	27 1-	2 ACSR 6/1	0	0	2300	183	168	21	12	0.04	0.78	5	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9820083	9820082	1.47	25 1-	2 ACSR 6/1	0	0	2106	182	158	20	11	0.09	0.87	11
9820084	9820083	1.67	24 1-	2 ACSR 6/1	0	0	1896	180	157	19	11	0.12	0.99	14
9820086	9820084	1.84	21 1-	2 ACSR 6/1	0	0	1751	179	146	18	10	0.09	1.08	10
9820077	9820086	1.88	20 1-	2 ACSR 6/1	0	0	1720	179	141	18	10	0.02	1.10	2
9820078	9820077	2.00	19 1-	2 ACSR 6/1	0	0	1633	178	138	17	10	0.06	1.16	6
9820091	9820078	2.09	18 1-	2 ACSR 6/1	0	0	1574	177	130	16	9	0.04	1.20	4
9820072	9820091	2.19	14 1-	2 ACSR 6/1	0	0	1508	176	108	13	8	0.04	1.24	4
8890083	9820072	2.23	13 1-	2 ACSR 6/1	0	0	1487	176	106	13	8	0.01	1.25	0
8890084	8890083	2.27	2 1-	2 ACSR 6/1	0	0	1464	176	11	1	1	0.00	1.25	0
8890085	8890083	2.25	8 1-	2 ACSR 6/1	0	0	1472	176	71	9	5	0.01	1.26	0
8890086	8890085	2.30	5 1-	2 ACSR 6/1	0	0	1443	176	48	6	3	0.01	1.27	0
8890116	8890086	2.34	2 1-	2 ACSR 6/1	0	0	1421	175	18	2	1	0.00	1.27	0
8890117	8890116	2.44	1 1-	2 ACSR 6/1	0	0	1373	175	10	1	1	0.00	1.27	0
8890115	8890086	2.35	1 1-	2 ACSR 6/1	0	0	1418	175	11	1	1	0.00	1.27	0
8890066	8890086	2.32	2 1-	2 ACSR 6/1	0	0	1432	175	19	2	1	0.00	1.27	0
8890114	8890066	2.41	0 1-	2 ACSR 6/1	0	0	1386	175	0	0	0	0.00	1.27	0
8890087	8890066	2.37	2 1-	2 ACSR 6/1	0	0	1408	175	19	2	1	0.00	1.27	0
8890154	8890087	2.41	1 1-	2 ACSR 6/1	0	0	1386	175	12	1	1	0.00	1.27	0
9820071	9820091	2.14	4 1-	2 ACSR 6/1	0	0	1537	177	22	2	2	0.00	1.20	0
9820076	9820086	1.96	1 1-	2 ACSR 6/1	0	0	1661	178	4	0	0	0.00	1.08	0
9820085	9820084	1.77	3 1-	2 ACSR 6/1	0	0	1809	180	11	1	1	0.00	0.99	0
9820108	9820085	1.80	2 1-	2 ACSR 6/1	0	0	1780	179	11	1	1	0.00	0.99	0
9820109	9820108	2.08	1 1-	2 ACSR 6/1	0	0	1580	177	8	0	1	0.00	0.99	0
9820093	9820081	1.34	24 1-	2 ACSR 6/1	0	0	2263	183	125	15	9	0.04	1.10	4
9820095	9820093	1.36	3 1-	2 ACSR 6/1	0	0	2325	183	15	1	1	0.00	1.11	0
9820110	9820095	1.41	2 1-	2 ACSR 6/1	0	0	2165	182	7	0	0	0.00	1.11	0
9820094	9820093	1.44	20 1-	2 ACSR 6/1	0	0	2136	182	101	12	7	0.04	1.14	3
9820039	9820094	1.75	17 1-	2 ACSR 6/1	0	0	1827	180	92	11	6	0.10	1.25	7
9820041	9820039	1.85	15 1-	2 ACSR 6/1	0	0	1742	179	86	11	6	0.03	1.28	2
9820099	9820041	1.91	14 1-	2 ACSR 6/1	0	0	1695	178	82	10	6	0.02	1.30	0
9820105	9820099	1.95	6 1-	2 ACSR 6/1	0	0	1665	178	28	3	2	0.00	1.30	0
9820106	9820105	2.00	5 1-	2 ACSR 6/1	0	0	1633	178	22	2	2	0.00	1.30	0
9820104	9820106	2.06	4 1-	2 ACSR 6/1	0	0	1591	177	13	1	1	0.00	1.30	0
9820073	9820104	2.10	1 1-	2 ACSR 6/1	0	0	1563	177	6	0	0	0.00	1.31	0
9820074	9820073	2.12	1 1-	2 ACSR 6/1	0	0	1555	177	6	0	0	0.00	1.31	0
9820100	9820099	1.96	5 1-	2 ACSR 6/1	0	0	1661	178	36	4	3	0.01	1.30	0
9820101	9820100	1.97	5 1-	2 ACSR 6/1	0	0	1652	178	36	4	3	0.00	1.30	0
9820103	9820101	2.01	2 1-	2 ACSR 6/1	0	0	1627	178	15	1	1	0.00	1.30	0
9820102	9820101	2.04	2 1-	2 ACSR 6/1	0	0	1605	178	14	1	1	0.00	1.31	0
9820098	9820041	2.16	1 1-	2 ACSR 6/1	0	0	1526	177	5	0	0	0.00	1.28	0
9820040	9820039	2.07	0 1-	2 ACSR 6/1	0	0	1585	177	0	0	0	0.00	1.25	0
9820097	9820039	1.85	2 1-	2 ACSR 6/1	0	0	1744	179	5	0	0	0.00	1.25	0
9820096	9820094	1.60	3 1-	2 ACSR 6/1	0	0	1966	181	9	1	1	0.00	1.15	0
9820087	9820089	1.19	102 3-	1/0 ACSR 6/1	3014	2823	2499	184	464	19	9	0.08	0.67	20
9820079	9820087	1.27	102 3-	1/0 ACSR 6/1	2911	2718	2397	184	464	19	9	0.05	0.70	12
9820080	9820079	1.36	101 3-	1/0 ACSR 6/1	2809	2615	2299	183	461	19	9	0.05	0.73	12
9820075	9820080	1.46	101 3-	1/0 ACSR 6/1	2696	2501	2192	183	461	19	9	0.06	0.76	14
9830098	9820075	1.60	100 3-	1/0 ACSR 6/1	2550	2355	2055	182	452	19	8	0.08	0.80	20
9830099	9830098	1.76	97 3-	1/0 ACSR 6/1	2405	2212	1923	181	441	18	8	0.09	0.85	21
9830107	9830099	1.80	96 3-	1/0 ACSR 6/1	2372	2179	1892	181	435	18	8	0.02	0.86	5
9830108	9830107	1.84	94 3-	1/0 ACSR 6/1	2338	2146	1862	181	430	18	8	0.02	0.87	5
9830110	9830108	1.90	2 1-	2 ACSR 6/1	0	0	1811	180	16	1	1	0.00	1.47	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9730047	9730026	3.73	7 1-	2 ACSR 6/1	0	0	1108	173	52	6	4	0.01	0.83	0
9730048	9730047	3.76	4 1-	2 ACSR 6/1	0	0	1099	173	33	4	2	0.00	0.83	0
9730037	9730048	3.84	3 1-	2 ACSR 6/1	0	0	1074	172	21	2	2	0.01	0.84	0
9730034	9730037	4.11	2 1-	2 ACSR 6/1	0	0	998	170	12	1	1	0.01	0.84	0
9730035	9730026	3.77	2 1-	2 ACSR 6/1	0	0	1095	173	15	1	1	0.00	0.82	0
9730036	9730035	3.81	1 1-	2 ACSR 6/1	0	0	1081	173	6	0	0	0.00	0.82	0
9730041	9730036	3.89	1 1-	2 ACSR 6/1	0	0	1059	172	6	0	0	0.00	0.83	0
9730024	9730038	3.49	0 1-	2 ACSR 6/1	0	0	1189	175	0	0	0	0.00	0.75	0
9730031	9730027	3.36	24 3-	4/0 ACSR 6/1	1663	1503	1239	176	93	3	1	0.00	1.04	0
9730032	9730031	3.39	24 3-	4/0 ACSR 6/1	1655	1495	1232	176	93	3	1	0.00	1.04	0
9730030	9730032	3.51	20 3-	4/0 ACSR 6/1	1618	1460	1200	175	75	3	1	0.01	1.04	0
9740033	9730030	3.54	4 1-	2 ACSR 6/1	0	0	1190	175	9	1	1	0.00	0.70	0
9740023	9730030	3.59	16 3-	4/0 ACSR 6/1	1596	1440	1181	175	67	2	1	0.00	1.05	0
9740034	9740023	3.63	4 1-	2 ACSR 6/1	0	0	1165	175	9	1	1	0.00	0.59	0
9740035	9740034	3.66	3 1-	2 ACSR 6/1	0	0	1157	175	8	1	1	0.00	0.59	0
9740036	9740035	3.78	2 1-	2 ACSR 6/1	0	0	1116	174	6	0	0	0.00	0.59	0
9730042	9740036	3.82	1 1-	2 ACSR 6/1	0	0	1104	173	2	0	0	0.00	0.59	0
9740031	9740023	3.71	2 1-	2 ACSR 6/1	0	0	1138	174	19	2	1	0.01	1.86	0
9740032	9740031	3.77	1 1-	2 ACSR 6/1	0	0	1120	174	8	1	1	0.00	1.86	0
9740020	9740023	3.77	10 3-	4/0 ACSR 6/1	1546	1394	1139	175	39	1	0	0.01	1.05	0
9740037	9740020	3.83	1 1-	2 ACSR 6/1	0	0	1117	174	6	0	0	0.00	0.59	0
9740021	9740020	3.81	9 3-	4/0 ACSR 6/1	1534	1382	1128	174	33	1	0	0.00	1.05	0
9740038	9740021	3.87	1 1-	2 ACSR 6/1	0	0	1111	174	2	0	0	0.00	1.86	0
9740022	9740021	3.86	8 3-	4/0 ACSR 6/1	1522	1371	1118	174	31	1	0	0.00	1.05	0
9740026	9740022	3.89	2 1-	2 ACSR 6/1	0	0	1108	174	4	0	0	0.00	0.59	0
9740027	9740026	3.96	1 1-	2 ACSR 6/1	0	0	1087	174	2	0	0	0.00	0.60	0
9740025	9740022	3.92	2 1-	2 ACSR 6/1	0	0	1098	174	16	2	1	0.00	1.86	0
9740024	9740022	3.96	4 3-	4/0 ACSR 6/1	1495	1346	1095	174	11	0	0	0.00	1.05	0
9640066	9740024	3.99	3 1-	2 ACSR 6/1	0	0	1086	174	9	1	1	0.00	1.86	0
9640068	9640066	4.05	2 1-	2 ACSR 6/1	0	0	1069	173	6	0	0	0.00	1.86	0
9640130	9740024	4.05	0 3-	4/0 ACSR 6/1	1473	1326	1077	174	0	0	0	0.00	1.05	0
09-64-P027-A	9640130	4.05	0 3-	Open	1473	1326	1077	174	0	0	0	0.00	1.05	0
9730029	9730032	3.44	1 1-	2 ACSR 6/1	0	0	1214	175	5	0	0	0.00	0.58	0
9730033	9730031	3.39	0 1-	2 ACSR 6/1	0	0	1227	176	0	0	0	0.00	0.58	0
9830070	9830069	2.63	1 1-	2 ACSR 6/1	0	0	1465	178	0	0	0	0.00	1.74	0
9830089	9830053	2.00	3 1-	2 ACSR 6/1	0	0	1754	180	10	1	1	0.00	0.53	0
9830090	9830089	2.06	1 1-	2 ACSR 6/1	0	0	1705	180	6	0	0	0.00	0.53	0
9830091	9830090	2.11	1 1-	2 ACSR 6/1	0	0	1672	179	6	0	0	0.00	0.53	0
9830055	9830053	1.96	0 3-	4/0 ACSR 6/1	2255	2065	1784	180	0	0	0	0.00	0.89	0
09-83-P010-A	9830055	1.96	0 3-	Open	2255	2065	1784	180	0	0	0	0.00	0.89	0
9830105	9830099	1.81	1 1-	2 ACSR 6/1	0	0	1880	181	5	0	0	0.00	1.42	0
9830106	9830105	1.85	1 1-	2 ACSR 6/1	0	0	1846	181	5	0	0	0.00	1.42	0
9830100	9830098	1.65	1 1-	2 ACSR 6/1	0	0	2006	182	6	0	0	0.00	0.45	0
9820088	9820087	1.25	0 1-	2 ACSR 6/1	0	0	2414	184	0	0	0	0.00	0.61	0
9820092	9720101	1.19	1 1-	2 ACSR 6/1	0	0	2453	184	4	0	0	0.00	0.59	0
9720094	9720093	0.88	2 1-	2 ACSR 6/1	0	0	2952	186	21	2	1	0.00	0.84	0
9720085	9720090	0.63	1 1-	2 ACSR 6/1	0	0	3476	187	9	1	1	0.00	0.35	0
9720121	9720120	0.28	8 1-	2 ACSR 6/1	0	0	4547	189	56	7	4	0.01	0.16	0
9720122	9720121	0.35	5 1-	2 ACSR 6/1	0	0	4285	188	41	5	3	0.01	0.17	0
9720133	9720122	0.41	4 1-	2 ACSR 6/1	0	0	4049	188	34	4	2	0.01	0.17	0
9720134	9720133	0.43	2 1-	2 ACSR 6/1	0	0	3981	188	14	1	1	0.00	0.17	0
9720126	9720106	0.25	3 1-	2 ACSR 6/1	0	0	4673	189	7	0	0	0.00	0.12	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
	9720105	9720107	0.18	1 1-	2 ACSR 6/1	0	0	4975 190	13	1	1	0.00	0.08	0
	9720104	9720088	0.14	9 1-	2 ACSR 6/1	0	0	5161 190	55	7	4	0.00	-0.01	0
D09-72-P051		9720104	0.14	7 1-	FUS-40	0	0	5161 190	50	6	18	0.00	-0.01	0
	9720214	D09-72-P051	0.24	7 1-	2 ACSR 6/1	0	0	4658 189	50	6	3	0.01	0.01	0
	9720135	9720214	0.27	3 1-	2 ACSR 6/1	0	0	4521 189	24	3	2	0.00	0.01	0
	9720102	9720088	0.15	3 1-	2 ACSR 6/1	0	0	5124 190	8	0	1	0.00	-0.01	0
	9720103	9720102	0.19	2 1-	2 ACSR 6/1	0	0	4923 189	7	0	0	0.00	-0.01	0
CKT	3 total losses:		\$858											
SUB	45, CKT 4													
	BK4504	SOUTHCORBIN(45)	0.00	639 3-	BK4504	5455	5503	5647 190	4281	179	48	0.00	0.00	0
	9720087	BK4504	0.03	639 3-	336 3PSC	5406	5447	5537 190	4281	179	34	0.03	0.03	94
	9720099	9720087	0.06	3 3-	2 ACSR 6/1	5316	5350	5392 190	27	1	1	0.00	0.03	0
	9720100	9720099	0.10	1 3-	2 ACSR 6/1	5161	5175	5147 190	4	0	0	0.00	0.03	0
	9720279	9720100	0.15	0 1-	2 ACSR 6/1	0	0	4924 189	0	0	0	0.00	0.04	0
	9720096	9720087	0.08	636 3-	336 3PSC	5341	5372	5396 190	4254	178	34	0.04	0.07	126
	9720112	9720096	0.16	635 3-	336 3PSC	5216	5225	5134 190	4250	177	34	0.08	0.14	248
	9720113	9720112	0.20	635 3-	336 3PSC	5164	5162	5028 190	4248	177	34	0.04	0.17	107
	9720280	9720113	0.26	635 3-	336 3PSC	5074	5055	4852 190	4247	177	34	0.06	0.23	186
	9620320	9720280	0.32	635 3-	336 ACSR 18/1	4957	4918	4680 189	4245	177	34	0.06	0.28	161
	9620295	9620320	0.37	635 3-	336 ACSR 18/1	4851	4796	4527 189	4244	177	34	0.05	0.33	153
	9620216	9620295	0.43	635 3-	336 ACSR 18/1	4739	4667	4370 189	4242	177	34	0.06	0.39	168
	9620217	9620216	0.65	635 3-	336 ACSR 18/1	4356	4237	3859 189	4241	177	34	0.23	0.59	637
	9620201	9620217	0.70	635 3-	336 ACSR 18/1	4241	4111	3723 188	4235	177	34	0.05	0.64	145
	9620215	9620201	0.74	632 3-	336 ACSR 18/1	4150	4011	3617 188	4227	177	34	0.04	0.67	120
	9620272	9620215	0.80	629 3-	336 ACSR 18/1	4027	3878	3477 188	4213	177	33	0.06	0.73	166
	9620273	9620272	0.85	628 3-	336 ACSR 18/1	3935	3780	3376 188	4210	177	33	0.04	0.77	128
	20850266	9620273	0.89	627 3-	336 ACSR 18/1	3848	3686	3280 187	4203	176	33	0.04	0.81	127
	20850082	20850266	0.96	1 1-	2 ACSR 6/1	0	0	3130 187	4	0	0	0.00	0.90	0
	9620227	20850266	0.94	626 3-	336 ACSR 18/1	3760	3592	3185 187	4197	176	33	0.05	0.85	131
	9620228	9620227	1.03	626 3-	336 ACSR 18/1	3595	3417	3010 187	4196	176	33	0.09	0.94	262
	9620229	9620228	1.09	2 1-	2 ACSR 6/1	0	0	2890 186	11	1	1	0.00	1.03	0
	9620034	9620228	1.11	624 3-	336 ACSR 18/1	3454	3269	2866 186	4182	176	33	0.08	1.01	236
	9620230	9620034	1.18	0 1-	2 ACSR 6/1	0	0	2754 186	0	0	0	0.00	1.11	0
	9620231	9620034	1.20	624 3-	336 ACSR 18/1	3325	3135	2736 186	4180	176	33	0.08	1.09	233
	9620232	9620231	1.25	622 3-	336 ACSR 18/1	3242	3049	2655 186	4170	175	33	0.05	1.14	156
	20850081	9620232	1.27	1 1-	2 ACSR 6/1	0	0	2628 185	7	0	1	0.00	1.25	0
	9620309	20850081	1.47	1 1-	2 ACSR 6/1	0	0	2335 184	7	0	1	0.00	1.25	0
	9620233	9620232	1.30	621 3-	336 ACSR 18/1	3179	2984	2593 185	4161	175	33	0.04	1.18	124
	9620311	9620233	1.31	1 1-	2 ACSR 6/1	0	0	2566 185	1	0	0	0.00	1.29	0
	9620312	9620311	1.46	0 1-	15 KV 2 URD XLP	0	0	2367 457	0	0	0	0.00	1.29	0
	9620317	9620312	1.55	0 1-	15 KV 2 URD XLP	0	0	2257 451	0	0	0	0.00	1.29	0
	9620316	9620317	1.64	0 1-	15 KV 2 URD XLP	0	0	2147 445	0	0	0	0.00	1.29	0
	9620315	9620316	1.72	0 1-	15 KV 2 URD XLP	0	0	2056 440	0	0	0	0.00	1.29	0
	9620314	9620316	1.67	0 1-	15 KV 2 URD XLP	0	0	2113 443	0	0	0	0.00	1.29	0
	20850079	9620233	1.38	620 3-	336 ACSR 18/1	3066	2869	2485 185	4159	175	33	0.08	1.25	231
	CAP153	20850079	1.38	620 3-	Capacitor	0	0	0 0	4157	175	0	0.00	1.25	0
	D09-62-P032	CAP153	1.38	20 1-	FUS-60	0	0	2485 185	168	21	36	0.00	1.58	0
	9620033	D09-62-P032	1.44	20 1-	2 ACSR 6/1	0	0	2396 184	168	21	12	0.04	1.61	5
	20850080	9620033	1.47	1 1-	2 ACSR 6/1	0	0	2355 184	12	1	1	0.00	1.61	0
	9620294	9620033	1.60	19 1-	2 ACSR 6/1	0	0	2198 183	156	19	11	0.09	1.70	11
	9630191	9620294	1.70	15 1-	2 ACSR 6/1	0	0	2075 182	113	14	8	0.04	1.74	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9630184	9630191	1.74	13 1-	2 ACSR 6/1	0	0	2039	182	94	11	7	0.01	1.76	0
9630197	9630184	1.78	12 1- 15 KV	2 URD XLP	0	0	1995	444	84	10	6	0.02	1.77	1
9630199	9630197	1.81	1 1- 15 KV	2 URD XLP	0	0	1974	442	19	2	1	0.00	1.78	0
9630198	9630197	1.84	11 1- 15 KV	2 URD XLP	0	0	1940	440	65	8	5	0.02	1.79	0
9630196	9630198	1.91	8 1- 15 KV	2 URD XLP	0	0	1880	436	53	6	4	0.02	1.81	0
9630195	9630196	1.97	2 1- 15 KV	2 URD XLP	0	0	1830	433	16	2	1	0.00	1.81	0
9630193	9630195	2.00	0 1- 15 KV	2 URD XLP	0	0	1801	430	0	0	0	0.00	1.81	0
9630192	9630195	2.01	1 1- 15 KV	2 URD XLP	0	0	1796	430	6	0	0	0.00	1.81	0
9630194	9630196	1.98	4 1- 15 KV	2 URD XLP	0	0	1817	432	27	3	2	0.01	1.81	0
9530244	9630194	2.03	2 1- 15 KV	2 URD XLP	0	0	1774	429	10	1	1	0.00	1.81	0
9530243	9530244	2.09	1 1- 15 KV	2 URD XLP	0	0	1733	426	5	0	0	0.00	1.82	0
9630183	9630191	1.80	1 1-	2 ACSR 6/1	0	0	1978	182	10	1	1	0.00	1.75	0
9630190	9620294	1.69	4 1-	2 ACSR 6/1	0	0	2089	182	43	5	3	0.01	1.72	0
9630186	9630190	1.74	1 1-	2 ACSR 6/1	0	0	2034	182	10	1	1	0.00	1.72	0
9630185	9630190	1.81	1 1-	2 ACSR 6/1	0	0	1970	182	22	2	2	0.00	1.72	0
9620308	CAP153	1.42	2 1-	2 ACSR 6/1	0	0	2422	185	12	1	1	0.00	1.37	0
9620307	CAP153	1.59	597 3-	336 ACSR 18/1	2809	2608	2243	184	3450	146	28	0.22	1.42	413
9520140	9620307	1.65	1 1-	2 ACSR 6/1	0	0	2178	183	5	0	0	0.00	1.77	0
9530196	9520140	1.67	1 1-	2 ACSR 6/1	0	0	2154	183	5	0	0	0.00	1.77	0
9530223	9530196	1.73	1 1- 15 KV	2 URD XLP	0	0	2091	450	5	0	0	0.00	1.77	0
9520159	9620307	1.65	596 3-	336 ACSR 18/1	2748	2548	2188	183	3441	146	28	0.06	1.47	107
9520132	9520159	1.69	595 3-	336 ACSR 18/1	2696	2496	2140	183	3439	146	28	0.05	1.50	95
D09-53-P281	9520132	1.69	5 1-	FUS-60	0	0	2140	183	37	4	8	0.00	1.86	0
9530155	D09-53-P281	1.72	5 1-	2 ACSR 6/1	0	0	2111	183	37	4	3	0.00	1.86	0
9530224	9530155	1.77	2 1- 15 KV	2 URD XLP	0	0	2065	449	16	2	1	0.00	1.86	0
9530156	9530155	1.77	2 1-	2 ACSR 6/1	0	0	2060	183	15	1	1	0.00	1.86	0
9530195	9530156	1.84	1 1-	2 ACSR 6/1	0	0	1987	182	4	0	0	0.00	1.86	0
9530202	9520132	1.73	587 3-	336 ACSR 18/1	2662	2462	2110	183	3392	144	27	0.03	1.53	62
D09-53-P280A	9530202	1.73	15 1-	REC-50-L	0	0	2110	183	83	10	21	0.00	1.72	0
9530218	D09-53-P280A	1.86	15 1-	2 ACSR 6/1	0	0	1974	182	83	10	6	0.04	1.76	3
9520147	9530218	1.94	10 1-	2 ACSR 6/1	0	0	1902	181	53	6	4	0.01	1.78	0
9520154	9520147	1.97	3 1-	2 ACSR 6/1	0	0	1870	181	14	1	1	0.00	1.78	0
9520155	9520154	2.03	1 1-	2 ACSR 6/1	0	0	1822	181	7	0	0	0.00	1.78	0
9520013	9520147	2.00	7 1-	2 ACSR 6/1	0	0	1846	181	39	4	3	0.01	1.79	0
9520161	9520013	2.05	1 1-	2 ACSR 6/1	0	0	1805	181	6	0	0	0.00	1.79	0
9520014	9520013	2.09	6 1-	2 ACSR 6/1	0	0	1770	180	33	4	2	0.01	1.80	0
9520156	9520014	2.13	2 1-	2 ACSR 6/1	0	0	1743	180	13	1	1	0.00	1.80	0
9520162	9520014	2.16	1 1-	2 ACSR 6/1	0	0	1714	180	0	0	0	0.00	1.80	0
9520015	9520014	2.15	3 1-	2 ACSR 6/1	0	0	1722	180	20	2	1	0.00	1.80	0
9520157	9520015	2.18	2 1-	2 ACSR 6/1	0	0	1700	180	12	1	1	0.00	1.80	0
9520163	9520157	2.24	1 1-	2 ACSR 6/1	0	0	1659	179	10	1	1	0.00	1.81	0
9520152	9520015	2.26	1 1-	2 ACSR 6/1	0	0	1643	179	7	0	1	0.00	1.80	0
9520165	9530218	1.91	4 1-	2 ACSR 6/1	0	0	1923	182	28	3	2	0.00	1.77	0
9520153	9520165	1.98	1 1-	2 ACSR 6/1	0	0	1865	181	0	0	0	0.00	1.77	0
9520160	9520165	1.94	1 1-	2 ACSR 6/1	0	0	1896	181	10	1	1	0.00	1.77	0
D09-53-P280	9530202	1.73	92 3-	REC-35-L	2662	2462	2110	183	454	19	55	0.00	1.53	0
9530219	D09-53-P280	1.78	92 3-	1/0 ACSR 6/1	2603	2402	2057	183	454	19	8	0.00	1.55	7
9530245	9530219	1.85	90 3-	1/0 ACSR 6/1	2518	2316	1983	182	443	18	8	0.00	1.57	10
9530205	9530245	1.87	2 1-	2 ACSR 6/1	0	0	1959	182	10	1	1	0.00	1.72	0
9530021	9530245	1.90	88 3-	1/0 ACSR 6/1	2464	2261	1936	182	432	18	8	0.00	1.58	7
9530207	9530021	1.95	17 1-	2 ACSR 6/1	0	0	1891	181	79	10	6	0.01	2.00	0
9530208	9530207	2.00	1 1-	2 ACSR 6/1	0	0	1849	181	2	0	0	0.00	2.00	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9530209	9530207	2.00	12 1-	2 ACSR 6/1	0	0	1849	181	55	7	4	0.01	2.01	0
9530210	9530209	2.05	9 1-	2 ACSR 6/1	0	0	1803	181	47	5	3	0.01	2.02	0
9530211	9530210	2.07	8 1-	2 ACSR 6/1	0	0	1787	180	41	5	3	0.00	2.02	0
9530213	9530211	2.11	6 1-	2 ACSR 6/1	0	0	1752	180	36	4	3	0.01	2.03	0
9530214	9530213	2.15	5 1-	2 ACSR 6/1	0	0	1728	180	29	3	2	0.00	2.03	0
9530241	9530214	2.19	4 1- 15 KV	2 URD XLP	0	0	1696	430	27	3	2	0.01	2.04	0
9530242	9530241	2.26	3 1- 15 KV	2 URD XLP	0	0	1646	425	23	2	2	0.01	2.04	0
9530226	9530242	2.30	2 1- 15 KV	2 URD XLP	0	0	1623	423	17	2	1	0.00	2.04	0
9530247	9530226	2.33	1 1- 15 KV	2 URD XLP	0	0	1600	421	5	0	0	0.00	2.04	0
9630129	9530247	2.35	1 1- 15 KV	2 URD XLP	0	0	1585	420	5	0	0	0.00	2.05	0
9530215	9530214	2.29	1 1-	2 ACSR 6/1	0	0	1624	179	2	0	0	0.00	2.03	0
9530212	9530211	2.12	2 1-	2 ACSR 6/1	0	0	1748	180	5	0	0	0.00	2.02	0
9530206	9530021	1.94	1 1-	2 ACSR 6/1	0	0	1899	181	4	0	0	0.00	1.72	0
9530232	9530021	2.11	70 3-	1/0 ACSR 6/1	2248	2046	1752	180	349	14	6	0.01	1.63	16
9530186	9530232	2.14	1 1- 15 KV	2 URD XLP	0	0	1736	432	6	0	0	0.00	1.09	0
9530183	9530232	2.24	1 1- 15 KV	2 URD XLP	0	0	1658	426	9	1	1	0.00	2.08	0
9530184	9530232	2.24	0 1-	2 ACSR 6/1	0	0	1658	179	0	0	0	0.00	2.07	0
9530181	9530232	2.16	4 1-	2 ACSR 6/1	0	0	1719	180	39	4	3	0.00	2.08	0
9530197	9530181	2.27	2 1-	2 ACSR 6/1	0	0	1635	179	25	3	2	0.01	2.09	0
9530198	9530197	2.31	1 1-	2 ACSR 6/1	0	0	1611	179	15	1	1	0.00	2.09	0
9530225	9530198	2.36	1 1- 15 KV	2 URD XLP	0	0	1578	422	15	1	1	0.00	2.09	0
9530216	9530232	2.17	3 1-	2 ACSR 6/1	0	0	1712	180	11	1	1	0.00	2.07	0
9530201	9530216	2.21	3 1-	2 ACSR 6/1	0	0	1681	179	11	1	1	0.00	2.08	0
9530233	9530232	2.20	60 3-	1/0 ACSR 6/1	0	0	1688	179	284	12	5	0.01	1.65	4
9530227	9530233	2.24	58 3-	1/0 ACSR 6/1	0	0	1659	179	276	11	5	0.00	1.66	2
9530228	9530227	2.30	57 3-	1/0 ACSR 6/1	0	0	1618	179	274	11	5	0.01	1.67	2
9530234	9530228	2.35	56 3-	1/0 ACSR 6/1	0	0	1584	178	264	11	5	0.01	1.68	2
9530235	9530234	2.42	54 3-	1/0 ACSR 6/1	0	0	1540	178	244	10	5	0.01	1.69	2
9530190	9530235	2.46	1 1- 15 KV	2 URD XLP	0	0	1515	417	15	1	1	0.00	1.16	0
9530020	9530235	2.52	53 3-	1/0 ACSR 6/1	0	0	1481	177	229	9	4	0.01	1.70	3
D09-53-P032	9530020	2.52	6 1-	FUS	0	0	1481	177	20	2	58	0.00	1.79	0
9530152	D09-53-P032	2.57	6 1-	2 ACSR 6/1	0	0	1453	177	20	2	1	0.00	1.79	0
9530153	9530152	2.63	3 1-	2 ACSR 6/1	0	0	1423	176	15	1	1	0.00	1.79	0
9530246	9530153	2.69	1 1-	2 ACSR 6/1	0	0	1391	176	2	0	0	0.00	1.79	0
9530154	9530153	2.67	1 1-	2 ACSR 6/1	0	0	1398	176	11	1	1	0.00	1.79	0
9530236	9530153	2.68	1 1-	2 ACSR 6/1	0	0	1396	176	3	0	0	0.00	1.79	0
9530151	9530152	2.62	2 1-	2 ACSR 6/1	0	0	1424	176	3	0	0	0.00	1.79	0
9530162	9530020	2.61	31 3-	1/0 ACSR 6/1	0	0	1433	176	130	5	2	0.01	1.71	1
9530169	9530162	2.69	22 1-	2 ACSR 6/1	0	0	1388	176	78	10	6	0.02	1.21	1
9530220	9530169	2.73	1 1-	2 ACSR 6/1	0	0	1371	176	14	1	1	0.00	1.21	0
9530171	9530169	2.72	16 1-	2 ACSR 6/1	0	0	1374	176	51	6	4	0.00	1.21	0
9530172	9530171	2.75	14 1-	2 ACSR 6/1	0	0	1360	175	35	4	2	0.00	1.22	0
9530174	9530172	2.81	13 1-	2 ACSR 6/1	0	0	1332	175	29	3	2	0.01	1.22	0
9530176	9530174	2.87	3 1-	2 ACSR 6/1	0	0	1304	175	10	1	1	0.00	1.22	0
9530175	9530174	2.86	8 1-	2 ACSR 6/1	0	0	1312	175	16	2	1	0.00	1.23	0
9530178	9530175	2.93	1 1-	2 ACSR 6/1	0	0	1279	174	2	0	0	0.00	1.23	0
9530177	9530175	2.92	1 1-	2 ACSR 6/1	0	0	1281	174	2	0	0	0.00	1.23	0
9530027	9530175	2.93	6 1-	2 ACSR 6/1	0	0	1279	174	12	1	1	0.00	1.23	0
9530180	9530027	3.00	5 1-	2 ACSR 6/1	0	0	1251	174	10	1	1	0.00	1.23	0
9530149	9530180	3.16	3 1-	2 ACSR 6/1	0	0	1186	172	2	0	0	0.00	1.23	0
9430243	9530149	3.20	2 1-	2 ACSR 6/1	0	0	1170	172	2	0	0	0.00	1.23	0
9430244	9430243	3.23	1 1-	2 ACSR 6/1	0	0	1161	172	1	0	0	0.00	1.23	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9430251	9430243	3.28	1 1-	2 ACSR 6/1	0	0	1145	172	0	0	0	0.00	1.23	0
9530179	9530027	2.96	1 1-	2 ACSR 6/1	0	0	1265	174	2	0	0	0.00	1.23	0
9530173	9530172	2.82	1 1-	2 ACSR 6/1	0	0	1330	175	6	0	0	0.00	1.22	0
9530170	9530169	2.73	4 1-	2 ACSR 6/1	0	0	1370	176	10	1	1	0.00	1.21	0
9530163	9530162	2.64	8 1-	2 ACSR 6/1	0	0	1417	176	51	6	4	0.01	1.81	0
9530164	9530163	2.68	7 1-	2 ACSR 6/1	0	0	1394	176	41	5	3	0.01	1.81	0
9530165	9530164	2.72	6 1-	2 ACSR 6/1	0	0	1377	176	31	3	2	0.00	1.82	0
9530166	9530165	2.80	4 1-	2 ACSR 6/1	0	0	1339	175	13	1	1	0.00	1.82	0
9530150	9530166	2.84	3 1-	2 ACSR 6/1	0	0	1318	175	10	1	1	0.00	1.82	0
9530249	9530166	2.80	0 1-	2 ACSR 6/1	0	0	1336	175	0	0	0	0.00	1.82	0
09-53-P272-A	9530249	2.80	0 1-	Open	0	0	1336	175	0	0	0	0.00	1.82	0
9530160	9530020	2.58	5 1-	2 ACSR 6/1	0	0	1450	177	26	3	2	0.00	2.15	0
9530161	9530160	2.64	2 1-	2 ACSR 6/1	0	0	1417	176	8	1	1	0.00	2.15	0
9530026	9530020	2.55	11 1-	2 ACSR 6/1	0	0	1466	177	53	6	4	0.01	2.15	0
9530239	9530026	2.61	7 1-	2 ACSR 6/1	0	0	1431	176	41	5	3	0.01	2.16	0
9530240	9530239	2.67	6 1-	2 ACSR 6/1	0	0	1400	176	30	3	2	0.00	2.17	0
9530221	9530240	2.73	4 1-	2 ACSR 6/1	0	0	1372	176	14	1	1	0.00	2.17	0
9530139	9530221	3.13	3 1-	2 ACSR 6/1	0	0	1197	173	9	1	1	0.01	2.18	0
9530237	9530026	2.57	4 1-	2 ACSR 6/1	0	0	1455	177	12	1	1	0.00	2.15	0
9530238	9530237	2.59	3 1-	2 ACSR 6/1	0	0	1443	177	6	0	0	0.00	2.15	0
9530203	9530202	1.78	479 3-	336 ACSR 18/1	2607	2407	2060	183	2852	121	23	0.06	1.57	76
9530204	9530203	1.89	476 3-	336 ACSR 18/1	2500	2301	1965	182	2842	120	23	0.12	1.64	154
D09-53-P141	9530204	1.89	475 3-	REC-100-L	2500	2301	1965	182	2840	120	121	0.00	1.64	0
9530019	D09-53-P141	2.00	475 3-	336 ACSR 18/1	2406	2209	1883	182	2840	120	23	0.11	1.71	145
9530138	9530019	2.55	456 3-	336 ACSR 18/1	2011	1826	1546	179	2684	114	22	0.47	2.05	652
9430232	9530138	2.60	455 3-	336 ACSR 18/1	1982	1799	1522	179	2676	113	22	0.04	2.08	56
9430233	9430232	2.63	454 3-	336 ACSR 18/1	1962	1779	1505	178	2661	113	21	0.03	2.10	40
9430268	9430233	2.75	1 1-	2 ACSR 6/1	0	0	1441	178	8	0	1	0.00	2.56	0
9430245	9430233	2.69	438 3-	336 ACSR 18/1	1932	1751	1480	178	2545	108	20	0.04	2.13	56
9430246	9430245	2.79	434 3-	336 ACSR 18/1	1877	1698	1435	178	2528	107	20	0.08	2.19	107
9430248	9430246	2.84	4 1-	2 ACSR 6/1	0	0	1410	177	28	3	2	0.00	2.68	0
9430235	9430248	2.89	2 1-	2 ACSR 6/1	0	0	1384	177	18	2	1	0.00	2.68	0
9430247	9430246	2.83	381 3-	336 ACSR 18/1	1853	1675	1415	177	2263	96	18	0.02	2.21	38
9430177	9430247	2.86	380 3-	336 ACSR 18/1	1838	1661	1403	177	2254	95	18	0.01	2.23	24
9430178	9430177	2.88	378 3-	1/0 ACSR 6/1	1829	1653	1396	177	2248	95	42	0.02	2.25	47
D09-43-P317	9430178	2.88	11 1-	REC-50-L	0	0	1396	177	59	7	15	0.00	2.73	0
9430179	D09-43-P317	2.98	11 1-	2 ACSR 6/1	0	0	1346	176	59	7	4	0.02	2.75	0
9430180	9430179	3.04	8 1-	2 ACSR 6/1	0	0	1319	176	48	6	3	0.01	2.76	0
9430181	9430180	3.08	6 1-	2 ACSR 6/1	0	0	1305	176	36	4	3	0.00	2.77	0
9430189	9430181	3.13	4 1-	2 ACSR 6/1	0	0	1279	175	33	4	2	0.01	2.77	0
9430220	9430189	3.18	3 1-	2 ACSR 6/1	0	0	1258	175	24	3	2	0.00	2.77	0
9430176	9430178	2.93	0 1-	2 ACSR 6/1	0	0	1372	177	0	0	0	0.00	2.48	0
9430182	9430178	2.96	4 1-	2 ACSR 6/1	0	0	1356	177	20	2	1	0.00	2.74	0
9430188	9430182	3.00	2 1-	2 ACSR 6/1	0	0	1338	176	4	0	0	0.00	2.74	0
9430019	9430178	2.92	363 3-	336 ACSR 18/1	1808	1632	1378	177	2168	92	17	0.02	2.28	34
C09-43-P196	9430019	2.92	0 3-	Capacitor	1808	1632	1378	177	0	-6	0	0.00	2.28	0
9430207	9430019	2.96	363 3-	336 ACSR 18/1	1790	1615	1363	177	2168	93	18	0.02	2.30	29
D09-43-P012	9430207	2.96	15 1-	REC-50-L	0	0	1363	177	62	7	16	0.00	2.51	0
9430206	D09-43-P012	3.02	15 1-	2 ACSR 6/1	0	0	1336	176	62	7	4	0.01	2.52	0
9430195	9430206	3.05	14 1-	2 ACSR 6/1	0	0	1321	176	54	6	4	0.01	2.53	0
9430196	9430195	3.16	3 1-	2 ACSR 6/1	0	0	1276	175	12	1	1	0.00	2.53	0
9430234	9430195	3.11	10 1-	2 ACSR 6/1	0	0	1296	176	32	4	2	0.01	2.53	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9430265	9430234	3.14	7 1-	2 ACSR 6/1	0	0	1281	175	24	3	2	0.00	2.54	0
9430264	9430265	3.40	5 1-	2 ACSR 6/1	0	0	1180	174	19	2	1	0.02	2.55	0
9420073	9430264	3.52	2 1-	2 ACSR 6/1	0	0	1137	173	10	1	1	0.00	2.56	0
9420074	9420073	3.59	1 1-	2 ACSR 6/1	0	0	1116	172	3	0	0	0.00	2.56	0
9420039	9430264	3.45	3 1-	2 ACSR 6/1	0	0	1161	173	9	1	1	0.00	2.56	0
9420040	9420039	3.51	1 1-	2 ACSR 6/1	0	0	1143	173	4	0	0	0.00	2.56	0
9430209	9430207	3.00	1 1-	2 ACSR 6/1	0	0	1344	176	8	1	1	0.00	2.51	0
9430208	9430207	3.03	345 3-	336 ACSR 18/1	1755	1583	1335	176	2088	89	17	0.04	2.33	54
D09-43-P011	9430208	3.03	345 3-	REC-70-L	1755	1583	1335	176	2088	89	128	0.00	2.33	0
9430211	D09-43-P011	3.10	345 3-	336 ACSR 18/1	1724	1553	1310	176	2088	89	17	0.03	2.37	50
9430212	9430211	3.16	71 3-	1/0 ACSR 6/1	1699	1530	1290	176	497	21	9	0.01	2.39	10
9430213	9430212	3.18	68 3-	1/0 ACSR 6/1	1688	1520	1281	176	494	21	9	0.01	2.40	5
D09-43-P204	9430213	3.18	67 3-	REC-50-H	1688	1520	1281	176	493	21	42	0.00	2.40	0
9430230	D09-43-P204	3.22	67 3-	1/0 ACSR 6/1	1672	1504	1268	175	493	21	9	0.01	2.41	7
9430215	9430230	3.30	64 3-	1/0 ACSR 6/1	1640	1475	1242	175	473	20	9	0.01	2.43	13
9430217	9430215	3.36	2 1-	2 ACSR 6/1	0	0	1219	175	10	1	1	0.00	2.87	0
9430216	9430215	3.33	1 1-	2 ACSR 6/1	0	0	1230	175	3	0	0	0.00	2.70	0
9430218	9430215	3.36	60 3-	1/0 ACSR 6/1	1612	1449	1220	175	458	19	9	0.01	2.46	11
9430219	9430218	3.43	57 3-	1/0 ACSR 6/1	1585	1423	1198	174	449	19	8	0.01	2.48	11
9430161	9430219	3.47	1 1-	2 ACSR 6/1	0	0	1184	174	13	1	1	0.00	2.80	0
9430017	9430219	3.49	56 3-	1/0 ACSR 6/1	1566	1405	1183	174	436	18	8	0.01	2.49	8
9430162	9430017	3.53	14 1-	2 ACSR 6/1	0	0	1166	174	116	14	8	0.02	2.92	2
9430163	9430162	3.57	14 1-	2 ACSR 6/1	0	0	1154	174	116	14	8	0.01	2.93	1
9430164	9430163	3.61	1 1-	2 ACSR 6/1	0	0	1139	173	11	1	1	0.00	2.93	0
9430165	9430164	3.64	0 1-	2 ACSR 6/1	0	0	1130	173	0	0	0	0.00	2.93	0
9430022	9430163	3.61	13 1-	2 ACSR 6/1	0	0	1141	173	105	13	8	0.02	2.95	1
9320025	9430022	3.66	13 1-	2 ACSR 6/1	0	0	1124	173	105	13	8	0.02	2.97	2
9320019	9320025	3.72	10 1-	2 ACSR 6/1	0	0	1104	172	95	12	7	0.02	2.99	1
9320029	9320019	3.86	1 1-	2 ACSR 6/1	0	0	1060	171	12	1	1	0.00	2.99	0
9330111	9320029	3.92	0 1-	2 ACSR 6/1	0	0	1045	171	0	0	0	0.00	2.99	0
9320020	9320019	3.80	8 1-	2 ACSR 6/1	0	0	1078	172	73	9	5	0.02	3.01	1
9320016	9320020	3.83	1 1-	2 ACSR 6/1	0	0	1071	172	12	1	1	0.00	3.01	0
9320014	9320020	3.95	7 1-	2 ACSR 6/1	0	0	1035	171	61	7	4	0.03	3.05	2
9320018	9320014	4.07	1 1-	15 KV 2 URD XLP	0	0	1003	372	20	2	2	0.01	3.05	0
9320017	9320014	4.01	6 1-	2 ACSR 6/1	0	0	1019	170	41	5	3	0.01	3.05	0
9320026	9320017	4.12	5 1-	2 ACSR 6/1	0	0	990	170	40	5	3	0.01	3.07	0
9320021	9320026	4.21	2 1-	2 ACSR 6/1	0	0	967	169	11	1	1	0.00	3.07	0
9320022	9320021	4.25	1 1-	2 ACSR 6/1	0	0	958	169	1	0	0	0.00	3.07	0
9320023	9320022	4.27	1 1-	2 ACSR 6/1	0	0	953	169	1	0	0	0.00	3.07	0
9320027	9320026	4.17	2 1-	2 ACSR 6/1	0	0	978	169	20	2	1	0.00	3.07	0
9320015	9320027	4.24	1 1-	2 ACSR 6/1	0	0	959	169	10	1	1	0.00	3.07	0
9320024	9320027	4.23	1 1-	2 ACSR 6/1	0	0	962	169	9	1	1	0.00	3.07	0
9430016	9430017	3.57	42 3-	1/0 ACSR 6/1	1535	1376	1158	174	320	13	6	-0.01	2.51	10
9420043	9430016	3.61	41 3-	1/0 ACSR 6/1	1521	1363	1147	174	306	13	6	-0.01	2.52	4
9420045	9420043	3.68	2 1-	2 ACSR 6/1	0	0	1122	173	16	2	1	0.00	2.92	0
9420046	9420045	3.73	1 1-	2 ACSR 6/1	0	0	1107	173	10	1	1	0.00	2.92	0
9420042	9420043	3.64	37 3-	1/0 ACSR 6/1	1509	1352	1138	173	274	11	5	0.00	2.52	3
D09-42-P025	9420042	3.64	4 1-	FUS	0	0	1138	173	28	3	84	0.00	2.88	0
9420072	D09-42-P025	3.73	4 1-	2 ACSR 6/1	0	0	1108	173	28	3	2	0.01	2.88	0
9420054	9420072	3.81	2 1-	2 ACSR 6/1	0	0	1085	172	14	1	1	0.00	2.89	0
9420075	9420054	3.83	1 1-	2 ACSR 6/1	0	0	1078	172	7	0	1	0.00	2.89	0
9420076	9420075	3.88	0 1-	2 ACSR 6/1	0	0	1063	172	0	0	0	0.00	2.89	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9420053	9420042	3.73	30 3-	1/0 ACSR 6/1	1480	1325	1115	173	230	9	4	-0.02	2.54	8
9420055	9420053	3.81	2 1-	2 ACSR 6/1	0	0	1089	172	11	1	1	0.00	2.99	0
9420065	9420055	3.92	1 1-	2 ACSR 6/1	0	0	1055	172	7	0	0	0.00	2.99	0
9420030	9420053	3.90	28 3-	1/0 ACSR 6/1	1425	1274	1071	172	218	9	4	-0.03	2.56	15
9420063	9420030	3.96	2 3-	1/0 ACSR 6/1	1407	1258	1057	172	11	0	0	0.00	2.56	0
9420064	9420063	4.24	1 1-	2 ACSR 6/1	0	0	981	170	7	0	1	0.00	2.83	0
9420061	9420030	3.99	25 1-	2 ACSR 6/1	0	0	1043	171	197	25	14	0.07	3.15	11
9420062	9420061	4.02	24 1-	2 ACSR 6/1	0	0	1037	171	188	24	14	0.02	3.16	2
9420028	9420062	4.06	23 1-	2 ACSR 6/1	0	0	1026	171	183	23	13	0.02	3.19	3
9420029	9420028	4.10	21 1-	2 ACSR 6/1	0	0	1014	171	166	21	12	0.03	3.21	3
9420031	9420029	4.15	19 1-	2 ACSR 6/1	0	0	1002	170	151	19	11	0.03	3.24	3
9420049	9420031	4.18	13 1-	2 ACSR 6/1	0	0	994	170	103	13	7	0.01	3.25	0
9420056	9420049	4.26	7 1-	2 ACSR 6/1	0	0	974	170	50	6	4	0.01	3.26	0
9420057	9420056	4.29	4 1-	2 ACSR 6/1	0	0	965	169	35	4	3	0.00	3.27	0
9420058	9420057	4.33	3 1-	2 ACSR 6/1	0	0	957	169	28	3	2	0.00	3.27	0
9420059	9420058	4.37	1 1-	2 ACSR 6/1	0	0	947	169	11	1	1	0.00	3.27	0
9420051	9420049	4.24	2 1-	2 ACSR 6/1	0	0	979	170	14	1	1	0.00	3.25	0
9420052	9420051	4.29	1 1-	2 ACSR 6/1	0	0	966	169	10	1	1	0.00	3.25	0
9420050	9420049	4.25	2 1-	2 ACSR 6/1	0	0	976	170	20	2	1	0.00	3.26	0
9420048	9420050	4.29	1 1-	2 ACSR 6/1	0	0	965	169	8	1	1	0.00	3.26	0
9420034	9420031	4.18	6 1-	2 ACSR 6/1	0	0	993	170	48	6	3	0.01	3.25	0
9420035	9420034	4.24	5 1-	2 ACSR 6/1	0	0	977	170	34	4	2	0.01	3.25	0
9420033	9420035	4.33	4 1-	2 ACSR 6/1	0	0	956	169	31	4	2	0.01	3.26	0
9420044	9420033	4.35	3 1-	2 ACSR 6/1	0	0	950	169	14	1	1	0.00	3.26	0
9420032	9420044	4.46	2 1-	2 ACSR 6/1	0	0	925	168	8	1	1	0.00	3.26	0
9420060	9420030	3.97	1 1-	2 ACSR 6/1	0	0	1049	172	10	1	1	0.00	3.08	0
9420041	9430016	3.60	1 1-	2 ACSR 6/1	0	0	1149	174	14	1	1	0.00	2.89	0
9430214	9430230	3.27	1 1-	2 ACSR 6/1	0	0	1248	175	13	1	1	0.00	2.86	0
9430210	9430211	3.15	272 3-	1/0 ACSR 6/1	1700	1531	1291	176	1580	67	30	0.06	2.43	79
9430166	9430210	3.21	270 3-	1/0 ACSR 6/1	1676	1508	1271	175	1565	67	29	0.06	2.49	81
9430187	9430166	3.28	1 1-	2 ACSR 6/1	0	0	1244	175	8	1	1	0.00	2.61	0
9430167	9430166	3.25	263 3-	1/0 ACSR 6/1	1659	1492	1257	175	1542	66	29	0.04	2.53	57
9430169	9430167	3.31	259 3-	1/0 ACSR 6/1	1633	1468	1237	175	1530	65	29	0.07	2.60	87
9430147	9430169	3.36	231 3-	1/0 ACSR 6/1	1615	1451	1222	175	1391	60	26	0.04	2.64	48
9430183	9430147	3.52	227 3-	1/0 ACSR 6/1	1553	1393	1173	174	1372	59	26	0.16	2.79	168
9430184	9430183	3.56	226 3-	1/0 ACSR 6/1	1537	1378	1160	174	1367	59	26	0.04	2.83	45
9430194	9430184	3.64	1 1-	15 KV 2 URD XLP	0	0	1134	390	10	1	1	0.00	3.31	0
9430262	9430184	3.69	166 3-	1/0 ACSR 6/1	1495	1339	1126	173	919	39	17	0.04	2.91	71
9330212	9430262	3.70	4 1-	2 ACSR 6/1	0	0	1122	173	23	2	2	0.00	3.35	0
9330213	9330212	3.74	1 1-	2 ACSR 6/1	0	0	1110	173	9	1	1	0.00	3.35	0
9330209	9330213	3.81	1 1-	2 ACSR 6/1	0	0	1087	172	9	1	1	0.00	3.35	0
9330208	9330209	3.91	1 1-	2 ACSR 6/1	0	0	1056	172	9	1	1	0.00	3.35	0
9330179	9430262	3.79	161 3-	1/0 ACSR 6/1	1460	1306	1098	173	893	38	17	0.03	2.97	60
9330210	9330179	3.82	160 3-	1/0 ACSR 6/1	1450	1297	1091	172	885	38	17	0.01	2.99	17
9330211	9330210	3.87	156 3-	1/0 ACSR 6/1	1433	1281	1077	172	856	36	16	0.01	3.02	27
9330167	9330211	3.91	155 3-	1/0 ACSR 6/1	1422	1271	1068	172	854	36	16	0.01	3.04	17
9330182	9330167	3.96	151 3-	1/0 ACSR 6/1	1407	1257	1057	172	831	35	16	0.01	3.07	22
9330183	9330182	4.01	149 3-	1/0 ACSR 6/1	1392	1244	1045	172	809	34	15	0.01	3.10	21
9330189	9330183	4.18	125 3-	1/0 ACSR 6/1	1344	1198	1007	171	640	27	12	0.07	3.17	59
9330190	9330189	4.25	124 3-	1/0 ACSR 6/1	1323	1179	991	170	634	27	12	0.03	3.21	26
9330180	9330190	4.34	1 1-	2 ACSR 6/1	0	0	968	170	4	0	0	0.00	3.53	0
9330191	9330190	4.30	2 1-	2 ACSR 6/1	0	0	980	170	17	2	1	0.00	2.93	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9330128	9330190	4.31	119 3-	1/0 ACSR 6/1	1308	1166	979	170	599	25	11	0.02	3.23	17
9330194	9330128	4.35	22 1-	2 ACSR 6/1	0	0	968	170	111	14	8	0.02	3.57	2
9330195	9330194	4.37	21 1-	2 ACSR 6/1	0	0	963	170	101	13	7	0.01	3.58	0
9330196	9330195	4.40	20 1-	2 ACSR 6/1	0	0	957	169	93	12	7	0.01	3.59	0
9330197	9330196	4.47	14 1-	2 ACSR 6/1	0	0	940	169	65	8	5	0.02	3.60	0
9330199	9330197	4.49	12 1-	2 ACSR 6/1	0	0	935	169	45	5	3	0.00	3.60	0
9330200	9330199	4.55	7 1-	2 ACSR 6/1	0	0	923	168	27	3	2	0.00	3.61	0
9330201	9330200	4.61	5 1-	2 ACSR 6/1	0	0	909	168	12	1	1	0.00	3.61	0
9330202	9330201	4.65	3 1-	2 ACSR 6/1	0	0	901	168	8	1	1	0.00	3.61	0
9330198	9330197	4.55	1 1-	2 ACSR 6/1	0	0	923	168	11	1	1	0.00	3.60	0
9330207	9330196	4.43	4 1-	2 ACSR 6/1	0	0	950	169	16	2	1	0.00	3.59	0
9330215	9330207	4.49	2 1-	2 ACSR 6/1	0	0	935	169	7	0	1	0.00	3.59	0
9330131	9330128	4.37	94 3-	1/0 ACSR 6/1	1291	1150	966	170	476	20	9	0.01	3.25	18
D09-33-P020	9330131	4.37	25 1-	REC-35-H	0	0	966	170	136	17	50	0.00	3.28	0
9330132	D09-33-P020	4.42	25 1-	2 ACSR 6/1	0	0	955	169	136	17	10	0.02	3.30	2
9330129	9330132	4.46	22 1-	2 ACSR 6/1	0	0	944	169	125	16	9	0.02	3.32	2
9330162	9330129	4.49	21 1-	2 ACSR 6/1	0	0	940	169	122	15	9	0.01	3.33	0
9330163	9330162	4.52	16 1-	2 ACSR 6/1	0	0	932	169	98	12	7	0.01	3.34	0
9330164	9330163	4.55	14 1-	2 ACSR 6/1	0	0	924	169	88	11	6	0.01	3.35	0
9330155	9330164	4.60	4 1-	2 ACSR 6/1	0	0	914	168	16	2	1	0.00	3.35	0
9330156	9330155	4.64	2 1-	2 ACSR 6/1	0	0	906	168	8	1	1	0.00	3.35	0
9330152	9330164	4.59	6 1-	2 ACSR 6/1	0	0	915	168	53	6	4	0.01	3.36	0
9330153	9330152	4.63	3 1-	2 ACSR 6/1	0	0	907	168	29	3	2	0.00	3.36	0
9330154	9330153	4.67	1 1-	2 ACSR 6/1	0	0	898	168	24	3	2	0.00	3.36	0
9330150	9330164	4.59	3 1-	2 ACSR 6/1	0	0	917	168	17	2	1	0.00	3.35	0
9330151	9330150	4.63	1 1-	2 ACSR 6/1	0	0	907	168	6	0	0	0.00	3.35	0
9330181	9330162	4.52	3 1-	2 ACSR 6/1	0	0	932	169	7	0	1	0.00	3.33	0
9330133	9330131	4.43	67 3-	1/0 ACSR 6/1	1278	1138	955	170	329	14	6	0.00	3.26	6
9330127	9330133	4.46	54 3-	1/0 ACSR 6/1	1268	1129	948	169	266	11	5	0.00	3.27	4
9330140	9330127	4.52	53 3-	1/0 ACSR 6/1	1254	1116	937	169	265	11	5	0.01	3.28	6
D09-33-P028	9330140	4.52	45 1-	REC-35-H	0	0	937	169	232	30	86	0.00	3.37	0
9330139	D09-33-P028	4.57	45 1-	2 ACSR 6/1	0	0	926	169	232	30	17	0.04	3.41	8
9330169	9330139	4.61	42 1-	2 ACSR 6/1	0	0	917	168	217	28	16	0.03	3.45	6
9330114	9330169	4.67	41 1-	2 ACSR 6/1	0	0	904	168	213	27	15	0.04	3.49	7
9330115	9330114	4.73	7 1-	2 ACSR 6/1	0	0	891	168	49	6	4	0.01	3.50	0
9330117	9330115	4.78	2 1-	2 ACSR 6/1	0	0	881	167	7	0	1	0.00	3.50	0
9330130	9330115	4.77	3 1-	2 ACSR 6/1	0	0	884	167	21	2	2	0.00	3.50	0
9330146	9330114	4.71	13 1-	2 ACSR 6/1	0	0	896	168	57	7	4	0.01	3.50	0
9330147	9330146	4.76	11 1-	2 ACSR 6/1	0	0	885	167	49	6	4	0.01	3.51	0
9330148	9330147	4.82	9 1-	2 ACSR 6/1	0	0	874	167	34	4	2	0.01	3.51	0
9330149	9330148	4.90	1 1-	2 ACSR 6/1	0	0	857	166	4	0	0	0.00	3.51	0
9330192	9330148	4.85	5 1-	2 ACSR 6/1	0	0	867	167	18	2	1	0.00	3.51	0
9330193	9330192	4.97	3 1-	2 ACSR 6/1	0	0	845	166	8	1	1	0.00	3.52	0
9230007	9330193	5.00	2 1-	2 ACSR 6/1	0	0	839	166	8	1	1	0.00	3.52	0
9230006	9230007	5.07	1 1-	2 ACSR 6/1	0	0	825	165	2	0	0	0.00	3.52	0
9230008	9230006	5.15	1 1-	2 ACSR 6/1	0	0	812	165	2	0	0	0.00	3.52	0
9330116	9330114	4.75	18 1-	2 ACSR 6/1	0	0	887	168	100	12	7	0.03	3.52	2
9330118	9330116	4.79	2 1-	2 ACSR 6/1	0	0	880	167	13	1	1	0.00	3.52	0
9330120	9330116	4.82	13 1-	2 ACSR 6/1	0	0	873	167	78	10	6	0.02	3.54	1
9330121	9330120	4.84	12 1-	2 ACSR 6/1	0	0	869	167	72	9	5	0.00	3.54	0
9330122	9330121	4.89	10 1-	2 ACSR 6/1	0	0	860	167	56	7	4	0.01	3.55	0
9330145	9330122	4.94	4 1-	2 ACSR 6/1	0	0	851	166	15	2	1	0.00	3.56	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9330123	9330122	4.91	6 1-	2 ACSR 6/1	0	0	855	166	41	5	3	0.00	3.56	0
9330124	9330123	4.96	6 1-	2 ACSR 6/1	0	0	846	166	41	5	3	0.01	3.57	0
9330144	9330124	5.00	1 1-	2 ACSR 6/1	0	0	839	166	9	1	1	0.00	3.57	0
9330143	9330124	4.98	2 1-	2 ACSR 6/1	0	0	842	166	24	3	2	0.00	3.57	0
9330142	9330124	4.98	2 1-	2 ACSR 6/1	0	0	842	166	7	0	1	0.00	3.57	0
9330119	9330116	4.79	1 1-	2 ACSR 6/1	0	0	879	167	2	0	0	0.00	3.52	0
9330141	9330140	4.56	4 1-	2 ACSR 6/1	0	0	929	169	15	1	1	0.00	2.89	0
9330138	9330141	4.59	3 1-	2 ACSR 6/1	0	0	922	169	11	1	1	0.00	2.89	0
9330136	9330133	4.49	10 1-	2 ACSR 6/1	0	0	942	169	54	6	4	0.01	2.92	0
9330137	9330136	4.50	9 1-	2 ACSR 6/1	0	0	939	169	48	6	3	0.00	2.92	0
9330125	9330137	4.52	5 1-	2 ACSR 6/1	0	0	933	169	24	3	2	0.00	2.92	0
9330126	9330125	4.56	2 1-	2 ACSR 6/1	0	0	925	169	9	1	1	0.00	2.92	0
9330134	9330133	4.47	2 1-	2 ACSR 6/1	0	0	946	169	7	0	1	0.00	3.56	0
9330135	9330134	4.48	1 1-	2 ACSR 6/1	0	0	942	169	2	0	0	0.00	3.56	0
9330188	9330183	4.05	1 1-	2 ACSR 6/1	0	0	1033	171	11	1	1	0.00	2.95	0
9330184	9330183	4.04	23 1-	2 ACSR 6/1	0	0	1035	171	157	20	11	0.02	2.97	3
9330185	9330184	4.08	23 1-	2 ACSR 6/1	0	0	1026	171	157	20	11	0.02	2.99	2
9330186	9330185	4.14	22 1-	2 ACSR 6/1	0	0	1009	171	148	19	11	0.03	3.02	4
9330158	9330186	4.17	3 1-	2 ACSR 6/1	0	0	1000	170	40	5	3	0.01	3.02	0
9330187	9330158	4.24	0 1-	2 ACSR 6/1	0	0	983	170	0	0	0	0.00	3.02	0
9330003	9330158	4.23	3 1-	2 ACSR 6/1	0	0	986	170	40	5	3	0.01	3.03	0
9330204	9330003	4.24	1 1- 15 KV	2 URD XLP	0	0	982	372	8	1	1	0.00	3.03	0
9330203	9330003	4.26	1 1- 15 KV	2 URD XLP	0	0	977	371	20	2	2	0.00	3.03	0
9330170	9330003	4.26	1 1- 15 KV	2 URD XLP	0	0	979	371	12	1	1	0.00	3.03	0
9330157	9330186	4.20	18 1-	2 ACSR 6/1	0	0	994	170	96	12	7	0.02	3.04	1
9330112	9330157	4.29	17 1-	2 ACSR 6/1	0	0	970	170	89	11	6	0.03	3.07	2
9330205	9330112	4.31	15 1-	2 ACSR 6/1	0	0	966	169	72	9	5	0.00	3.07	0
9330159	9330205	4.33	11 1-	2 ACSR 6/1	0	0	960	169	58	7	4	0.01	3.08	0
9330160	9330159	4.36	8 1-	2 ACSR 6/1	0	0	955	169	43	5	3	0.00	3.08	0
9330206	9330160	4.37	5 1-	2 ACSR 6/1	0	0	950	169	26	3	2	0.00	3.08	0
9430020	9430184	3.67	59 3-	1/0 ACSR 6/1	1501	1344	1131	173	438	19	8	0.06	2.87	15
9430261	9430020	3.72	9 1-	2 ACSR 6/1	0	0	1113	173	51	6	4	0.01	3.38	0
9330161	9430261	3.78	4 1-	2 ACSR 6/1	0	0	1094	172	23	2	2	0.00	3.38	0
9330113	9330161	3.81	3 1-	2 ACSR 6/1	0	0	1087	172	11	1	1	0.00	3.38	0
9430021	9430020	3.73	50 3-	1/0 ACSR 6/1	1479	1324	1114	173	387	16	7	0.03	2.88	7
9430157	9430021	3.80	2 1- 15 KV	2 URD XLP	0	0	1092	385	25	3	2	0.00	2.88	0
9430263	9430021	3.89	40 3-	1/0 ACSR 6/1	1427	1276	1073	172	318	13	6	0.06	2.92	10
9330172	9430263	3.95	40 3-	1/0 ACSR 6/1	1409	1259	1058	172	317	13	6	0.02	2.93	4
9330173	9330172	4.05	40 3-	1/0 ACSR 6/1	1381	1233	1036	171	317	13	6	0.04	2.96	6
D09-33-P089	9330173	4.05	2 1-	FUS-30	0	0	1036	171	15	1	7	0.00	2.96	0
9330216	D09-33-P089	4.14	2 1-	2 ACSR 6/1	0	0	1010	171	15	1	1	0.00	2.96	0
9430158	9330216	4.25	1 1-	2 ACSR 6/1	0	0	982	170	8	1	1	0.00	2.96	0
9330175	9330173	4.14	37 3-	1/0 ACSR 6/1	1354	1208	1015	171	180	7	3	0.00	2.97	2
9330176	9330175	4.19	33 3-	1/0 ACSR 6/1	1340	1195	1004	171	166	7	3	0.00	2.97	0
9330177	9330176	4.22	30 3-	1/0 ACSR 6/1	1331	1186	997	171	152	6	3	0.00	2.98	0
9340024	9330177	4.25	24 3-	1/0 ACSR 6/1	1323	1180	991	170	130	5	2	0.00	2.98	0
9340025	9340024	4.29	21 3-	1/0 ACSR 6/1	1312	1169	982	170	117	5	2	0.00	2.98	0
9340023	9340025	4.36	18 3-	1/0 ACSR 6/1	1294	1153	969	170	108	4	2	0.00	2.99	0
9340033	9340023	4.41	6 1-	2 ACSR 6/1	0	0	958	170	46	5	3	0.01	3.02	0
9340034	9340033	4.43	5 1-	2 ACSR 6/1	0	0	952	169	37	4	3	0.00	3.03	0
9340026	9340034	4.51	4 1-	2 ACSR 6/1	0	0	934	169	33	4	2	0.01	3.03	0
9340036	9340026	4.61	3 1-	2 ACSR 6/1	0	0	912	168	24	3	2	0.01	3.04	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9340037	9340036	4.66	2 1-	2 ACSR 6/1	0	0	900	168	17	2	1	0.00	3.05	0
9340038	9340037	4.76	1 1-	2 ACSR 6/1	0	0	880	167	15	1	1	0.00	3.05	0
9340028	9340023	4.40	2 1-	2 ACSR 6/1	0	0	959	170	11	1	1	0.00	3.53	0
9340035	9340028	4.48	1 1-	2 ACSR 6/1	0	0	940	169	3	0	0	0.00	3.53	0
9340027	9340023	4.45	9 3-	1/0 ACSR 6/1	1273	1133	952	169	43	1	1	0.00	2.99	0
9340032	9340027	4.50	1 1-	2 ACSR 6/1	0	0	940	169	8	1	1	0.00	3.53	0
9340029	9340027	4.47	6 1-	2 ACSR 6/1	0	0	947	169	25	3	2	0.00	3.02	0
9340030	9340029	4.53	5 1-	2 ACSR 6/1	0	0	933	169	23	2	2	0.00	3.03	0
9340031	9340030	4.59	2 1-	2 ACSR 6/1	0	0	919	168	17	2	1	0.00	3.03	0
9340040	9330177	4.30	4 3-	1/0 ACSR 6/1	1311	1168	982	170	16	0	0	0.00	2.98	0
9330178	9340040	4.31	2 1-	2 ACSR 6/1	0	0	978	170	6	0	0	0.00	2.99	0
9330165	9340040	4.39	1 3-	1/0 ACSR 6/1	1288	1147	963	170	7	0	0	0.00	2.98	0
9330214	9330165	4.40	1 3- 25 KV	1/0 URD X	1286	1146	962	371	7	0	0	0.00	2.98	0
9330166	9330165	4.43	0 1-	2 ACSR 6/1	0	0	952	169	0	0	0	0.00	3.52	0
9330174	9330173	4.14	1 3-	1/0 ACSR 6/1	1355	1209	1016	171	123	5	2	0.03	2.96	3
9330110	9330174	4.20	1 3- 15 KV	2 URD XLP	1339	1194	1005	375	123	5	3	0.02	2.97	1
9430170	9430021	3.76	8 1-	2 ACSR 6/1	0	0	1105	173	45	5	3	0.00	3.40	0
9330171	9430170	3.78	6 1-	2 ACSR 6/1	0	0	1099	173	31	4	2	0.00	3.40	0
9330168	9330171	3.82	3 1-	2 ACSR 6/1	0	0	1085	172	9	1	1	0.00	3.40	0
9430185	9430169	3.38	27 1-	2 ACSR 6/1	0	0	1211	174	133	17	9	0.03	2.10	3
D09-43-P105	9430185	3.38	26 1-	REC-35-H	0	0	1211	174	129	16	47	0.00	2.10	0
9430186	D09-43-P105	3.42	26 1-	2 ACSR 6/1	0	0	1197	174	129	16	9	0.02	2.12	2
9430197	9430186	3.45	25 1-	2 ACSR 6/1	0	0	1185	174	121	15	9	0.02	2.13	1
9430148	9430197	3.50	25 1-	2 ACSR 6/1	0	0	1168	174	121	15	9	0.02	2.15	2
9430149	9430148	3.55	24 1-	2 ACSR 6/1	0	0	1151	173	115	14	8	0.02	2.17	2
9430150	9430149	3.60	1 1-	2 ACSR 6/1	0	0	1132	173	1	0	0	0.00	2.17	0
9430015	9430149	3.69	23 1-	2 ACSR 6/1	0	0	1104	172	114	14	8	0.06	2.23	5
9430155	9430015	3.87	21 1-	2 ACSR 6/1	0	0	1049	171	106	13	8	0.07	2.31	6
9430154	9430155	3.88	1 1-	2 ACSR 6/1	0	0	1045	171	13	1	1	0.00	2.31	0
9430153	9430155	3.95	8 1-	2 ACSR 6/1	0	0	1025	170	37	4	3	0.01	2.32	0
9440009	9430153	3.99	7 1-	2 ACSR 6/1	0	0	1016	170	27	3	2	0.00	2.32	0
9440010	9440009	4.04	6 1-	2 ACSR 6/1	0	0	1002	170	15	1	1	0.00	2.32	0
9440006	9440010	4.17	2 1-	2 ACSR 6/1	0	0	969	169	6	0	0	0.00	2.32	0
9440008	9440006	4.24	1 1-	2 ACSR 6/1	0	0	951	168	6	0	0	0.00	2.32	0
9440007	9440006	4.24	1 1-	2 ACSR 6/1	0	0	951	168	0	0	0	0.00	2.32	0
9430156	9430155	3.99	12 1-	2 ACSR 6/1	0	0	1017	170	57	7	4	0.02	2.33	1
9430270	9430156	4.04	1 1-	2 ACSR 6/1	0	0	1002	170	0	0	0	0.00	2.33	0
9430253	9430156	4.02	10 1-	2 ACSR 6/1	0	0	1009	170	46	5	3	0.00	2.33	0
9430254	9430253	4.08	9 1-	2 ACSR 6/1	0	0	991	170	35	4	3	0.01	2.34	0
9430256	9430254	4.17	1 1- 15 KV	2 URD XLP	0	0	969	367	6	0	0	0.00	2.34	0
9430255	9430254	4.16	6 1-	2 ACSR 6/1	0	0	972	169	27	3	2	0.01	2.35	0
9430258	9430255	4.24	5 1-	2 ACSR 6/1	0	0	952	168	19	2	1	0.01	2.36	0
9430259	9430258	4.31	4 1-	2 ACSR 6/1	0	0	936	168	14	1	1	0.00	2.36	0
9430260	9430259	4.41	3 1-	2 ACSR 6/1	0	0	913	167	13	1	1	0.00	2.36	0
9430257	9430255	4.23	1 1-	2 ACSR 6/1	0	0	956	169	8	1	1	0.00	2.35	0
9430252	9430156	4.04	1 1-	2 ACSR 6/1	0	0	1003	170	10	1	1	0.00	2.33	0
9430151	9430015	3.75	2 1-	2 ACSR 6/1	0	0	1085	172	7	0	0	0.00	2.24	0
9430152	9430151	3.81	1 1-	2 ACSR 6/1	0	0	1066	171	7	0	0	0.00	2.24	0
9430168	9430167	3.30	3 1-	2 ACSR 6/1	0	0	1237	175	4	0	0	0.00	2.63	0
9430145	9430166	3.30	5 1-	2 ACSR 6/1	0	0	1235	175	9	1	1	0.00	2.96	0
9430146	9430145	3.36	3 1-	2 ACSR 6/1	0	0	1213	174	6	0	0	0.00	2.96	0
9430205	9430207	3.03	1 1-	2 ACSR 6/1	0	0	1332	176	4	0	0	0.00	1.61	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9430267	9430246	2.81	48 1-	2 ACSR 6/1	0	0	1425	177	233	30 17	0.02	2.69	3	
9430269	9430267	2.84	47 1-	2 ACSR 6/1	0	0	1410	177	215	27 15	0.02	2.71	4	
D09-43-P032	9430269	2.84	45 1-	RBC-50-L	0	0	1410	177	203	26 52	0.00	2.71	0	
9430266	D09-43-P032	2.90	45 1-	2 ACSR 6/1	0	0	1378	177	203	26 15	0.05	2.76	7	
9430201	9430266	2.92	38 1-	2 ACSR 6/1	0	0	1367	177	180	23 13	0.02	2.77	2	
9430198	9430201	2.99	33 1-	2 ACSR 6/1	0	0	1334	176	152	19 11	0.04	2.81	5	
9430204	9430198	3.04	27 1-	2 ACSR 6/1	0	0	1313	176	133	17 10	0.02	2.84	2	
9430159	9430204	3.09	27 1-	2 ACSR 6/1	0	0	1291	175	133	17 10	0.03	2.86	3	
9430160	9430159	3.14	1 1-	2 ACSR 6/1	0	0	1269	175	4	0 0	0.00	2.86	0	
9430173	9430159	3.15	7 1-	2 ACSR 6/1	0	0	1267	175	42	5 3	0.01	2.87	0	
9430174	9430173	3.19	6 1-	2 ACSR 6/1	0	0	1249	175	32	4 2	0.01	2.87	0	
9430175	9430174	3.24	4 1-	2 ACSR 6/1	0	0	1228	174	29	3 2	0.00	2.88	0	
9430171	9430159	3.18	19 1-	2 ACSR 6/1	0	0	1255	175	88	11 6	0.03	2.89	2	
9430172	9430171	3.29	19 1-	2 ACSR 6/1	0	0	1211	174	88	11 6	0.04	2.93	3	
9430238	9430172	3.34	18 1-	2 ACSR 6/1	0	0	1190	174	85	10 6	0.02	2.94	1	
9430239	9430238	3.36	15 1-	2 ACSR 6/1	0	0	1183	173	76	9 5	0.01	2.95	0	
9430242	9430239	3.38	13 1-	2 ACSR 6/1	0	0	1177	173	70	9 5	0.00	2.95	0	
9430250	9430242	3.47	8 1-	2 ACSR 6/1	0	0	1144	173	46	5 3	0.01	2.97	0	
9530187	9430250	3.50	7 1-	2 ACSR 6/1	0	0	1137	172	39	5 3	0.00	2.97	0	
9530188	9530187	3.54	3 1-	2 ACSR 6/1	0	0	1122	172	21	2 1	0.00	2.97	0	
9530185	9530188	3.64	2 1-	2 ACSR 6/1	0	0	1089	171	18	2 1	0.00	2.98	0	
9530229	9530188	3.58	1 1-	2 ACSR 6/1	0	0	1108	172	3	0 0	0.00	2.97	0	
9530189	9530187	3.53	2 1-	2 ACSR 6/1	0	0	1126	172	11	1 1	0.00	2.97	0	
9430241	9430242	3.44	3 1-	2 ACSR 6/1	0	0	1155	173	15	1 1	0.00	2.95	0	
9430240	9430239	3.40	2 1-	2 ACSR 6/1	0	0	1170	173	6	0 0	0.00	2.95	0	
9430249	9430240	3.42	1 1-	2 ACSR 6/1	0	0	1163	173	1	0 0	0.00	2.95	0	
9530167	9430249	3.49	1 1-	2 ACSR 6/1	0	0	1138	173	1	0 0	0.00	2.95	0	
9530250	9430249	3.43	0 1-	2 ACSR 6/1	0	0	1160	173	0	0 0	0.00	2.95	0	
09-53-P272-B	9530250	3.43	0 1-	Open	0	0	1160	173	0	0 0	0.00	2.95	0	
9430236	9430172	3.35	1 1-	2 ACSR 6/1	0	0	1187	174	3	0 0	0.00	2.93	0	
9430237	9430236	3.42	0 1-	2 ACSR 6/1	0	0	1162	173	0	0 0	0.00	2.93	0	
9430221	9430198	3.05	3 1-	2 ACSR 6/1	0	0	1310	176	14	1 1	0.00	2.82	0	
9430222	9430221	3.08	1 1-	2 ACSR 6/1	0	0	1297	175	8	0 1	0.00	2.82	0	
9430223	9430222	3.12	1 1-	2 ACSR 6/1	0	0	1279	175	8	0 1	0.00	2.82	0	
9430202	9430201	2.95	4 1-	2 ACSR 6/1	0	0	1354	176	19	2 1	0.00	2.78	0	
9430203	9430202	2.99	2 1-	2 ACSR 6/1	0	0	1335	176	10	1 1	0.00	2.78	0	
9430192	9430266	2.95	5 1-	2 ACSR 6/1	0	0	1356	176	11	1 1	0.00	2.76	0	
9430199	9430192	3.02	3 1-	2 ACSR 6/1	0	0	1321	176	5	0 0	0.00	2.76	0	
9430200	9430199	3.08	3 1-	2 ACSR 6/1	0	0	1296	175	5	0 0	0.00	2.76	0	
9430193	9430192	2.97	2 1-	2 ACSR 6/1	0	0	1346	176	6	0 0	0.00	2.76	0	
9430231	9430233	2.66	14 3-	1/0 ACSR 6/1	1945	1764	1491	178	101	4 2	0.00	2.10	0	
9430228	9430231	2.70	3 1-	2 ACSR 6/1	0	0	1473	178	34	4 2	0.00	1.41	0	
9430229	9430228	2.78	2 1-	2 ACSR 6/1	0	0	1426	177	22	2 2	0.00	1.42	0	
9430227	9430231	2.76	9 3-	1/0 ACSR 6/1	1890	1711	1446	178	52	2 1	0.01	2.11	0	
9430226	9430227	2.80	7 3-	1/0 ACSR 6/1	1869	1690	1428	178	42	1 1	0.00	2.11	0	
9430225	9430226	2.91	1 1-	2 ACSR 6/1	0	0	1377	177	3	0 0	0.00	2.57	0	
9430224	9430226	2.88	5 3-	1/0 ACSR 6/1	1830	1654	1396	177	38	1 1	0.01	2.11	0	
9430190	9430224	2.91	4 1-	2 ACSR 6/1	0	0	1382	177	34	4 2	0.00	2.58	0	
9430191	9430190	2.95	1 1-	2 ACSR 6/1	0	0	1360	177	9	1 1	0.00	2.58	0	
9430018	9430224	2.92	0 3-	1/0 ACSR 6/1	1808	1633	1378	177	0	0 0	0.00	2.11	0	
09-53-P002-A	9430018	2.92	0 3-	Open	1808	1633	1378	177	0	0 0	0.00	2.11	0	
9530022	9530019	2.07	19 1-	2 ACSR 6/1	0	0	1821	181	154	19 11	0.04	2.05	5	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
D09-53-P005	9530022	2.07	9 1-	REC-50-H	0	0	1821	181	68	8	17	0.00	2.05	0	
9530018	D09-53-P005	2.16	9 1-	2 ACSR 6/1	0	0	1753	180	68	8	5	0.02	2.07	1	
9530194	9530018	2.21	8 1-	2 ACSR 6/1	0	0	1712	180	46	5	3	0.01	2.08	0	
9520136	9530194	2.26	6 1-	2 ACSR 6/1	0	0	1679	180	36	4	3	0.01	2.09	0	
9520041	9520136	2.30	3 1-	15 KV 2 URD XLP	0	0	1651	428	27	3	2	0.01	2.09	0	
9520033	9520041	2.36	1 1-	15 KV 2 URD XLP	0	0	1614	425	3	0	0	0.00	2.09	0	
9520040	9520041	2.35	1 1-	2 ACSR 6/1	0	0	1614	179	7	0	1	0.00	2.09	0	
9520034	9520041	2.46	1 1-	2 ACSR 6/1	0	0	1544	178	16	2	1	0.00	2.10	0	
9520138	9520136	2.33	2 1-	2 ACSR 6/1	0	0	1632	179	6	0	0	0.00	2.09	0	
9520137	9520136	2.30	1 1-	2 ACSR 6/1	0	0	1649	179	3	0	0	0.00	2.09	0	
9530193	9530018	2.19	1 1-	2 ACSR 6/1	0	0	1728	180	22	2	2	0.00	2.07	0	
9530145	9530022	2.14	10 1-	2 ACSR 6/1	0	0	1771	181	86	11	6	0.02	2.07	1	
9530146	9530145	2.27	10 1-	2 ACSR 6/1	0	0	1674	180	86	11	6	0.04	2.11	3	
9530231	9530146	2.30	2 1-	2 ACSR 6/1	0	0	1648	179	22	2	2	0.00	2.11	0	
9530230	9530146	2.29	6 1-	2 ACSR 6/1	0	0	1655	179	53	6	4	0.00	2.11	0	
9520139	9530230	2.32	5 1-	2 ACSR 6/1	0	0	1634	179	33	4	2	0.00	2.12	0	
9520111	9520139	2.39	3 1-	2 ACSR 6/1	0	0	1589	179	23	2	2	0.00	2.12	0	
9520110	9520111	2.42	1 1-	15 KV 2 URD XLP	0	0	1570	423	10	1	1	0.00	2.12	0	
9520109	9520111	2.50	1 1-	2 ACSR 6/1	0	0	1518	178	5	0	0	0.00	2.12	0	
9520135	9520139	2.37	2 1-	2 ACSR 6/1	0	0	1604	179	11	1	1	0.00	2.12	0	
9530199	9530146	2.27	1 1-	2 ACSR 6/1	0	0	1668	180	5	0	0	0.00	2.11	0	
9530222	9530204	1.94	1 1-	2 ACSR 6/1	0	0	1920	182	1	0	0	0.00	1.98	0	
9530200	9530203	1.81	1 1-	2 ACSR 6/1	0	0	2033	183	5	0	0	0.00	1.92	0	
9520158	9520159	1.72	1 1-	2 ACSR 6/1	0	0	2099	183	1	0	0	0.00	1.64	0	
NEW LP5	CAP153	1.38	1 3-	Consumer	0	0	0	0	527	23	0	0.00	1.25	0	
20850265	9620215	0.82	3 1-	2 ACSR 6/1	0	0	3414	188	13	1	1	0.00	0.75	0	
CKT	4 total losses:														
															\$7,486

SUB 45, CKT 5

BK4505	SOUTHCORBIN (45)	0.00	169 3-	BK4505	5455	5503	5647	190	1450	61	16	0.00	0.00	0
9720097	BK4505	0.09	169 3-	336 3PSC	5322	5350	5356	190	1450	61	12	0.02	0.03	32
9720098	9720097	0.27	169 3-	336 3PSC	5070	5050	4844	190	1450	61	12	0.05	0.09	64
9620322	9720098	0.32	169 3-	336 ACSR 18/1	4948	4907	4664	189	1449	61	12	0.02	0.12	21
9620274	9620322	0.34	169 3-	4/0 ACSR 6/1	4913	4868	4614	189	1449	61	18	0.01	0.12	8
9620276	9620274	0.39	5 1-	2 ACSR 6/1	0	0	4402	189	26	3	2	0.00	0.11	0
9620275	9620274	0.39	163 3-	4/0 ACSR 6/1	4786	4725	4436	189	1412	60	18	0.03	0.15	29
9620277	9620275	0.42	163 3-	4/0 ACSR 6/1	4729	4662	4358	189	1411	60	18	0.01	0.17	13
9620278	9620277	0.44	160 3-	4/0 ACSR 6/1	4663	4588	4269	189	1404	59	18	0.01	0.18	16
9620281	9620278	0.49	159 3-	4/0 ACSR 6/1	4570	4485	4144	189	1404	59	18	0.02	0.21	23
9620282	9620281	0.53	16 1-	2 ACSR 6/1	0	0	3990	189	61	7	4	0.01	0.32	0
9620284	9620282	0.55	15 1-	2 ACSR 6/1	0	0	3918	188	56	7	4	0.00	0.32	0
9620285	9620284	0.57	14 1-	2 ACSR 6/1	0	0	3874	188	52	6	4	0.00	0.33	0
9620286	9620285	0.60	13 1-	2 ACSR 6/1	0	0	3770	188	51	6	4	0.01	0.33	0
9620287	9620286	0.62	12 1-	2 ACSR 6/1	0	0	3707	188	51	6	4	0.00	0.34	0
9620289	9620287	0.68	4 1-	2 ACSR 6/1	0	0	3546	187	21	2	2	0.00	0.34	0
9620266	9620289	0.72	1 1-	2 ACSR 6/1	0	0	3410	187	6	0	0	0.00	0.34	0
9620288	9620287	0.63	2 1-	2 ACSR 6/1	0	0	3664	188	11	1	1	0.00	0.34	0
9620267	9620287	0.65	6 1-	2 ACSR 6/1	0	0	3604	188	18	2	1	0.00	0.34	0
9620283	9620282	0.60	1 1-	2 ACSR 6/1	0	0	3756	188	4	0	0	0.00	0.32	0
9620279	9620281	0.52	12 1-	2 ACSR 6/1	0	0	4026	189	71	9	5	0.01	0.32	0
9620180	9620279	0.56	11 1-	2 ACSR 6/1	0	0	3912	188	63	8	4	0.01	0.32	0
9620181	9620180	0.61	10 1-	2 ACSR 6/1	0	0	3747	188	54	6	4	0.01	0.33	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9620225	9620181	0.67	7 1-	2 ACSR 6/1	0	0	3561	187	33	4	2	0.01	0.34	0
9620172	9620225	0.70	6 1-	2 ACSR 6/1	0	0	3473	187	24	3	2	0.00	0.34	0
9620173	9620172	0.74	4 1-	2 ACSR 6/1	0	0	3370	187	13	1	1	0.00	0.34	0
9620174	9620173	0.77	2 1-	2 ACSR 6/1	0	0	3280	187	6	0	0	0.00	0.34	0
9620175	9620174	0.80	2 1-	2 ACSR 6/1	0	0	3218	186	6	0	0	0.00	0.35	0
9620224	9620181	0.63	2 1-	2 ACSR 6/1	0	0	3679	188	16	2	1	0.00	0.33	0
9620280	9620281	0.55	129 3-	4/0 ACSR 6/1	4437	4337	3970	189	1261	53	16	0.04	0.24	27
9620310	9620280	0.66	128 3-	4/0 ACSR 6/1	4223	4103	3700	188	1242	53	16	0.06	0.29	45
9620177	9620310	0.71	128 3-	4/0 ACSR 6/1	4133	4006	3591	188	1242	53	16	0.03	0.32	20
9630131	9620177	0.75	51 3-	4/0 ACSR 6/1	4055	3921	3496	188	233	9	3	0.01	0.32	0
9630132	9630131	0.79	12 1-	2 ACSR 6/1	0	0	3395	188	45	5	3	0.01	0.22	0
9630133	9630132	0.82	8 1-	2 ACSR 6/1	0	0	3316	187	26	3	2	0.00	0.22	0
9630134	9630133	0.87	3 1-	2 ACSR 6/1	0	0	3212	187	11	1	1	0.00	0.22	0
9630126	9630131	0.80	39 3-	4/0 ACSR 6/1	3971	3832	3398	188	187	7	2	0.00	0.33	0
9620263	9630126	0.84	24 3-	4/0 ACSR 6/1	3912	3768	3329	188	84	3	1	0.00	0.33	0
9620302	9620263	0.87	17 1-	2 ACSR 6/1	0	0	3250	188	62	7	4	0.01	0.32	0
9620179	9620302	0.90	11 1-	2 ACSR 6/1	0	0	3189	187	43	5	3	0.00	0.32	0
9620178	9620179	0.95	3 1-	2 ACSR 6/1	0	0	3071	187	13	1	1	0.00	0.33	0
9620260	9630126	0.84	15 3-	4/0 ACSR 6/1	3913	3769	3329	188	103	4	1	0.00	0.33	0
9620262	9620260	0.85	5 1-	2 ACSR 6/1	0	0	3288	188	31	3	2	0.00	0.31	0
9620261	9620262	0.87	2 1-	2 ACSR 6/1	0	0	3247	187	10	1	1	0.00	0.31	0
9620264	9620260	0.86	9 1-	2 ACSR 6/1	0	0	3271	188	48	6	3	0.00	0.46	0
9620265	9620264	0.91	1 1-	2 ACSR 6/1	0	0	3148	187	20	2	1	0.00	0.46	0
9620176	9620264	0.89	1 1-	2 ACSR 6/1	0	0	3215	187	9	1	1	0.00	0.46	0
9630170	9620177	0.77	74 3-	4/0 ACSR 6/1	4018	3882	3453	188	977	42	12	0.03	0.34	17
9630135	9630170	0.78	1 3-	4/0 ACSR 6/1	4000	3863	3431	188	2	0	0	0.00	0.34	0
9630171	9630170	0.82	69 3-	4/0 ACSR 6/1	3944	3802	3365	188	957	41	12	0.02	0.36	11
C09-63-P128	9630171	0.82	0 3-	Capacitor	3944	3802	3365	188	0	-6	0	0.00	0.36	0
9630172	9630171	0.86	69 3-	4/0 ACSR 6/1	3871	3724	3280	188	957	43	13	0.03	0.38	12
9630174	9630172	0.94	51 3-	4/0 ACSR 6/1	3757	3603	3151	187	854	39	12	0.04	0.42	17
9630136	9630174	1.00	46 3-	4/0 ACSR 6/1	3665	3506	3048	187	833	38	11	0.04	0.44	13
9630137	9630136	1.03	46 3-	4/0 ACSR 6/1	3623	3462	3002	187	833	38	11	0.02	0.46	6
9630180	9630137	1.11	41 3-	4/0 ACSR 6/1	3506	3340	2875	187	782	36	11	0.04	0.49	16
9630181	9630180	1.20	2 1-	2 ACSR 6/1	0	0	2719	186	10	1	1	0.00	0.53	0
9630182	9630181	1.25	2 1-	2 ACSR 6/1	0	0	2648	186	10	1	1	0.00	0.53	0
9630150	9630182	1.27	1 1-	2 ACSR 6/1	0	0	2600	186	2	0	0	0.00	0.53	0
9630155	9630180	1.22	31 3-	4/0 ACSR 6/1	3365	3194	2725	186	739	34	10	0.06	0.54	19
9630156	9630155	1.33	29 3-	4/0 ACSR 6/1	3239	3064	2595	186	731	34	10	0.06	0.58	18
9630130	9630156	1.41	2 1-	2 ACSR 6/1	0	0	2483	186	7	0	1	0.00	0.64	0
D09-63-P365	9630130	1.41	1 1-	FUS-40	0	0	2483	186	5	0	2	0.00	0.64	0
9630157	D09-63-P365	1.47	1 1-	2 ACSR 6/1	0	0	2398	185	5	0	0	0.00	0.64	0
9630209	9630156	1.44	8 3-	4/0 ACSR 6/1	3126	2948	2480	186	244	11	3	0.01	0.59	2
9630220	9630209	1.48	1 3-	4/0 ACSR 6/1	3083	2905	2437	186	120	5	2	0.00	0.60	0
9630159	9630220	1.49	1 3-	4/0 ACSR 6/1	3067	2889	2422	186	120	5	2	0.00	0.60	0
9630162	9630159	1.50	0 3-	4/0 ACSR 6/1	3062	2883	2416	186	0	0	0	0.00	0.60	0
9630163	9630162	1.50	0 3-	4/0 ACSR 6/1	3056	2877	2410	186	0	0	0	0.00	0.60	0
9630164	9630163	1.53	0 3-	4/0 ACSR 6/1	3031	2852	2386	186	0	0	0	0.00	0.60	0
9630166	9630164	1.55	0 3-	4/0 ACSR 6/1	3004	2824	2359	185	0	0	0	0.00	0.60	0
9630165	9630164	1.54	0 3-	4/0 ACSR 6/1	3015	2836	2370	185	0	0	0	0.00	0.60	0
9630121	9630220	1.58	0 3-	4/0 ACSR 6/1	2981	2801	2337	185	0	0	0	0.00	0.60	0
9630210	9630209	1.45	7 3-	4/0 ACSR 6/1	3108	2930	2462	186	124	5	2	0.00	0.59	0
9630013	9630210	1.48	7 3-	4/0 ACSR 6/1	3082	2904	2436	186	124	5	2	0.00	0.60	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9630222	9630013	1.51	2 3-	4/0 ACSR 6/1	3051	2872	2406	186	77	3	1	0.00	0.60	0
9630219	9630013	1.53	5 3-	4/0 ACSR 6/1	3027	2848	2382	185	47	2	1	0.00	0.60	0
9630017	9630156	1.40	19 3-	4/0 ACSR 6/1	3163	2985	2517	186	479	22	7	0.03	0.60	5
9630201	9630017	1.43	16 3-	4/0 ACSR 6/1	3135	2957	2489	186	469	21	6	0.01	0.60	2
9630128	9630201	1.46	15 3-	4/0 ACSR 6/1	3101	2923	2455	186	467	21	6	0.01	0.61	2
D09-63-P286	9630128	1.46	15 3-	REC-100-6H	3101	2923	2455	186	467	21	22	0.00	0.61	0
9630127	D09-63-P286	1.48	15 3-	4/0 ACSR 6/1	3080	2902	2435	186	467	21	6	0.01	0.62	1
9630202	9630127	1.54	9 3-	4/0 ACSR 6/1	3019	2839	2374	185	334	16	5	0.02	0.63	2
9630203	9630202	1.55	9 3-	4/0 ACSR 6/1	3009	2830	2364	185	334	16	5	0.00	0.63	0
9630204	9630203	1.61	6 3-	4/0 ACSR 6/1	2947	2767	2304	185	250	12	4	0.02	0.64	2
9630148	9630204	1.63	2 3-	4/0 ACSR 6/1	2927	2746	2284	185	103	5	1	0.00	0.64	0
9631420	9630148	1.63	2 3-	Consumer	2927	2746	2284	185	103	5	0	0.00	0.64	0
9630014	9630204	1.66	4 3-	4/0 ACSR 6/1	2906	2725	2263	185	148	7	2	0.01	0.64	0
9630214	9630014	1.76	2 1-	2 ACSR 6/1	0	0	2146	184	63	9	5	0.02	0.76	0
9630215	9630214	1.80	1 1-	2 ACSR 6/1	0	0	2106	184	3	0	0	0.00	0.76	0
9630147	9630014	1.69	2 3-	4/0 ACSR 6/1	2878	2697	2237	185	84	4	1	0.00	0.64	0
9630146	9630147	1.70	1 3-	4/0 ACSR 6/1	2867	2686	2226	185	42	2	1	0.00	0.64	0
9630149	9630146	1.74	1 3-	4/0 ACSR 6/1	2834	2653	2195	185	42	2	1	0.00	0.65	0
9630207	9630203	1.61	2 3-	4/0 ACSR 6/1	2950	2770	2306	185	82	3	1	0.00	0.63	0
9630189	9630207	1.67	1 3-	4/0 ACSR 6/1	2895	2714	2253	185	64	3	1	0.00	0.63	0
9630200	9630127	1.50	6 3-	4/0 ACSR 6/1	3058	2879	2412	186	133	5	2	0.00	0.62	0
9630208	9630200	1.51	2 1-	2 ACSR 6/1	0	0	2404	186	33	4	2	0.00	0.46	0
9630187	9630017	1.48	2 1-	2 ACSR 6/1	0	0	2406	185	8	1	1	0.00	0.44	0
9630188	9630187	1.52	1 1-	2 ACSR 6/1	0	0	2354	185	4	0	0	0.00	0.44	0
9630151	9630180	1.16	7 3-	4/0 ACSR 6/1	3443	3274	2807	187	28	1	0	0.00	0.49	0
9630152	9630151	1.19	6 3-	4/0 ACSR 6/1	3407	3236	2769	187	22	0	0	0.00	0.49	0
9630153	9630152	1.28	5 3-	4/0 ACSR 6/1	3297	3123	2654	186	22	0	0	0.00	0.49	0
9630154	9630153	1.42	4 1-	2 ACSR 6/1	0	0	2444	185	21	2	1	0.01	0.61	0
9630179	9630137	1.08	2 1-	2 ACSR 6/1	0	0	2897	187	25	3	2	0.00	0.49	0
9630178	9630174	0.97	5 1-	2 ACSR 6/1	0	0	3080	187	20	2	1	0.00	0.43	0
9630173	9630172	0.98	10 1-	2 ACSR 6/1	0	0	3024	187	70	8	5	0.03	0.54	2
9630176	9630173	0.99	1 1-	2 ACSR 6/1	0	0	2994	187	5	0	0	0.00	0.54	0
9630177	9630173	1.03	7 1-	2 ACSR 6/1	0	0	2920	186	64	8	5	0.01	0.55	0
9630124	9630177	1.49	6 1-	2 ACSR 6/1	0	0	2208	183	58	7	4	0.10	0.65	4
9730055	9630124	1.59	5 1-	2 ACSR 6/1	0	0	2094	182	57	7	4	0.01	0.66	0
9630161	9630172	0.90	5 1-	2 ACSR 6/1	0	0	3202	187	33	4	2	0.00	0.39	0
9630175	9630161	0.96	3 1-	2 ACSR 6/1	0	0	3073	187	23	2	2	0.00	0.39	0
9630125	9630175	0.99	1 1-	2 ACSR 6/1	0	0	3002	187	8	1	1	0.00	0.39	0
9630015	9620177	0.73	3 1-	2 ACSR 6/1	0	0	3529	188	33	4	2	0.00	0.44	0

CKT 5 total losses: \$449

SUB 45 total losses: \$20,001

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 48	NORTHCORBIN(48)	1640			5543	5608	5731	190	9800						
SUB	48, CKT 1														
	BK4801	NORTHCORBIN(48)	0.00	253 3-	BK4801	5543	5608	5731	190	1608	67 40	0.00	0.00	0	
	93700076	BK4801	0.02	253 3-	1/0 3PSC	5498	5547	5616	190	1608	67 29	0.01	0.02	24	
	93700073	93700076	0.07	223 3-	1/0 3PSC	5369	5367	5301	190	1457	61 27	0.01	0.07	60	
	93700074	93700073	0.09	0 3-	4/0 ACSR 6/1	5312	5303	5213	190	0	0 0	0.00	0.07	0	
	93700075	93700073	0.17	223 3-	1/0 3PSC	5134	5044	4788	189	1456	61 27	0.03	0.15	110	
	92700040	93700075	0.21	223 3-	4/0 ACSR 6/1	5003	4899	4607	189	1455	61 18	0.01	0.18	28	
	92700087	92700040	0.30	219 3-	4/0 ACSR 6/1	4777	4622	4306	189	1433	60 18	0.02	0.22	49	
	92700089	92700087	0.31	1 3-	4/0 ACSR 6/1	4755	4628	4278	189	1	0 0	0.00	0.22	0	
	92700090	92700089	0.54	1 3- 25	KV 1/0 URD X	4430	4333	3934	484	1	0 0	0.00	0.22	0	
	92700088	92700087	0.31	218 3-	4/0 ACSR 6/1	4754	4627	4277	189	1432	60 18	0.00	0.23	5	
	92700041	92700088	0.33	216 3-	4/0 ACSR 6/1	4701	4569	4209	189	1422	59 18	0.00	0.24	12	
	92700091	92700041	0.37	215 3- 15	KV 4/0 URD X	4668	4545	4173	493	1415	59 24	0.01	0.26	24	
	92700093	92700091	0.43	3 1- 15	KV 2 URD XLP	0	0	4004	489	20	2 2	0.00	0.37	0	
	9370188	92700093	0.46	1 1- 15	KV 2 URD XLP	0	0	3895	486	10	1 1	0.00	0.37	0	
	9370189	9370188	0.49	1 1- 15	KV 2 URD XLP	0	0	3808	484	10	1 1	0.00	0.37	0	
	9370190	9370189	0.53	1 1- 15	KV 2 URD XLP	0	0	3682	481	10	1 1	0.00	0.37	0	
	9370191	9370190	0.55	1 1- 15	KV 2 URD XLP	0	0	3626	480	10	1 1	0.00	0.37	0	
	92700092	92700091	0.52	212 3- 15	KV 4/0 URD X	4550	4454	4046	490	1394	58 24	0.04	0.32	83	
	9370134	92700092	0.56	3 1- 15	KV 2 URD XLP	0	0	3910	486	15	1 1	0.00	0.13	0	
	9370163	92700092	0.56	208 3- 4/0	ACSR 6/1	4444	4337	3914	188	1377	57 17	0.01	0.35	24	
	9370148	9370163	0.61	16 1- 15	KV 2 URD XLP	0	0	3792	485	103	13 8	0.02	0.51	2	
	9370128	9370148	0.63	10 1- 15	KV 2 URD XLP	0	0	3716	483	73	9 5	0.01	0.52	0	
	9370130	9370128	0.67	3 1- 15	KV 2 URD XLP	0	0	3603	481	20	2 2	0.00	0.52	0	
	9370131	9370130	0.72	3 1- 15	KV 2 URD XLP	0	0	3475	477	20	2 2	0.00	0.53	0	
	9370132	9370131	0.77	1 1- 15	KV 2 URD XLP	0	0	3323	473	6	0 0	0.00	0.53	0	
	9370133	9370132	0.81	1 1- 15	KV 2 URD XLP	0	0	3239	471	6	0 0	0.00	0.53	0	
	9370129	9370128	0.70	7 1- 15	KV 2 URD XLP	0	0	3530	479	53	6 4	0.02	0.54	0	
	9370127	9370129	0.75	7 1- 15	KV 2 URD XLP	0	0	3385	475	53	6 4	0.01	0.55	0	
	9370126	9370127	0.78	6 1- 15	KV 2 URD XLP	0	0	3312	473	50	6 4	0.01	0.55	0	
	9370184	9370126	0.82	4 1- 15	KV 2 URD XLP	0	0	3200	470	32	4 2	0.01	0.56	0	
	9370186	9370184	0.91	2 1- 15	KV 2 URD XLP	0	0	2977	463	14	1 1	0.01	0.57	0	
	9370187	9370186	0.97	1 1- 15	KV 2 URD XLP	0	0	2861	460	13	1 1	0.00	0.57	0	
	9370185	9370187	1.01	0 1- 15	KV 2 URD XLP	0	0	2760	457	0	0 0	0.00	0.57	0	
	9370183	9370184	0.85	2 1- 15	KV 2 URD XLP	0	0	3131	468	18	2 1	0.00	0.56	0	
	9370182	9370183	0.90	1 1- 15	KV 2 URD XLP	0	0	3014	464	7	0 1	0.00	0.56	0	
	9370125	9370126	0.82	2 1- 15	KV 2 URD XLP	0	0	3200	470	18	2 1	0.00	0.56	0	
	9370122	9370148	0.64	5 1- 15	KV 2 URD XLP	0	0	3678	482	27	3 2	0.00	0.51	0	
	9370123	9370122	0.68	3 1- 15	KV 2 URD XLP	0	0	3574	480	14	1 1	0.00	0.51	0	
	9370124	9370123	0.72	1 1- 15	KV 2 URD XLP	0	0	3464	477	4	0 0	0.00	0.52	0	
	9370164	9370163	0.62	191 3- 4/0	ACSR 6/1	4323	4202	3765	188	1270	53 16	0.02	0.37	24	
D09-37-P009	9370164	9370164	0.62	13 1-	FUS	0	0	3765	188	32	4 91	0.00	0.16	0	
	9370115	D09-37-P009	0.71	13 1-	2 ACSR 6/1	0	0	3498	187	32	4 2	0.01	0.17	0	
	9270066	9370115	0.77	9 1-	2 ACSR 6/1	0	0	3323	187	23	2 2	0.00	0.17	0	
	9270067	9270066	0.83	5 1-	2 ACSR 6/1	0	0	3183	186	13	1 1	0.00	0.17	0	
	9270042	9270067	0.89	3 1-	2 ACSR 6/1	0	0	3022	186	7	0 0	0.00	0.17	0	
	9270045	9270042	0.96	2 1-	2 ACSR 6/1	0	0	2873	185	6	0 0	0.00	0.17	0	
	9270065	9370115	0.73	3 1-	2 ACSR 6/1	0	0	3438	187	5	0 0	0.00	0.17	0	
	9270084	9270065	0.78	1 1- 15	KV 2 URD XLP	0	0	3313	477	0	0 0	0.00	0.17	0	
	9370150	9370164	0.73	178 3-	4/0 ACSR 6/1	4100	3958	3499	187	1238	52 15	0.02	0.42	46	
	9370152	9370150	0.77	157 3-	4/0 ACSR 6/1	4033	3885	3422	187	1131	47 14	0.00	0.44	14	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9260085	9260084	1.22	1 1-	2 ACSR 6/1	0	0	2592	185	4	0	0	0.00	0.75	0
9260105	9260085	1.30	1 1- 15 KV	2 URD XLP	0	0	2473	461	4	0	0	0.00	0.75	0
9360066	CAP140	1.12	5 1-	2 ACSR 6/1	0	0	2773	186	22	2	2	0.01	0.65	0
D09-36-P012	9360066	1.12	5 1-	FUS-30	0	0	2773	186	22	2	10	0.00	0.65	0
9360040	D09-36-P012	1.20	5 1-	2 ACSR 6/1	0	0	2629	185	22	2	2	0.01	0.66	0
9360041	9360040	1.27	4 1-	2 ACSR 6/1	0	0	2505	185	19	2	1	0.01	0.67	0
9360043	9360041	1.40	2 1-	2 ACSR 6/1	0	0	2316	184	9	1	1	0.00	0.67	0
9360044	9360043	1.51	1 1-	2 ACSR 6/1	0	0	2181	183	3	0	0	0.00	0.67	0
9360042	9360041	1.38	2 1-	2 ACSR 6/1	0	0	2349	184	10	1	1	0.00	0.67	0
9360065	CAP140	1.07	64 3-	4/0 ACSR 6/1	3552	3376	2893	186	706	31	9	0.02	0.53	12
9360045	9360065	1.10	61 3-	4/0 ACSR 6/1	3509	3331	2847	186	692	30	9	0.01	0.55	6
9360046	9360045	1.18	59 3-	4/0 ACSR 6/1	3407	3225	2741	186	685	30	9	0.03	0.57	14
9360054	9360046	1.22	58 3-	4/0 ACSR 6/1	3356	3173	2690	186	680	30	9	0.01	0.58	7
9360055	9360054	1.27	57 3-	4/0 ACSR 6/1	3291	3106	2623	186	671	30	9	0.02	0.60	9
9360056	9360055	1.32	57 3-	4/0 ACSR 6/1	3228	3041	2560	186	671	30	9	0.02	0.62	9
9360057	9360056	1.39	56 3-	4/0 ACSR 6/1	3143	2955	2476	185	663	29	9	0.03	0.64	13
D09-36-P027	9360057	1.39	44 1-	REC-70-L	0	0	2476	185	204	25	37	0.00	0.94	0
9360058	D09-36-P027	1.41	44 1-	2 ACSR 6/1	0	0	2447	185	204	25	14	0.01	0.96	2
9360069	9360058	1.49	2 1-	2 ACSR 6/1	0	0	2347	185	11	1	1	0.00	0.96	0
9360064	9360058	1.47	40 1-	2 ACSR 6/1	0	0	2373	185	189	23	13	0.04	0.99	5
9360062	9360064	1.49	37 1-	2 ACSR 6/1	0	0	2340	185	181	23	13	0.01	1.01	2
9360063	9360062	1.55	4 1-	2 ACSR 6/1	0	0	2262	184	24	3	2	0.00	1.01	0
9360070	9360063	1.57	3 1-	2 ACSR 6/1	0	0	2241	184	14	1	1	0.00	1.01	0
9360060	9360062	1.54	30 1-	2 ACSR 6/1	0	0	2278	184	143	18	10	0.02	1.03	3
9360059	9360060	1.67	27 1-	2 ACSR 6/1	0	0	2123	183	129	16	9	0.06	1.09	6
9260054	9360059	1.70	26 1-	2 ACSR 6/1	0	0	2090	183	127	16	9	0.01	1.10	1
9260057	9260054	1.73	25 1-	2 ACSR 6/1	0	0	2050	183	118	14	8	0.02	1.12	1
9260058	9260057	1.79	12 1-	2 ACSR 6/1	0	0	1986	182	55	7	4	0.01	1.13	0
9260061	9260058	1.84	2 1-	2 ACSR 6/1	0	0	1937	182	12	1	1	0.00	1.13	0
9260080	9260058	1.82	10 1-	2 ACSR 6/1	0	0	1955	182	44	5	3	0.00	1.14	0
9260081	9260080	1.85	5 1-	2 ACSR 6/1	0	0	1928	182	22	2	2	0.00	1.14	0
9260083	9260081	1.91	2 1-	2 ACSR 6/1	0	0	1878	181	11	1	1	0.00	1.14	0
9260082	9260081	1.92	3 1-	2 ACSR 6/1	0	0	1869	181	12	1	1	0.00	1.14	0
9260056	9260057	1.79	6 1-	2 ACSR 6/1	0	0	1988	182	33	4	2	0.01	1.13	0
9260051	9260056	1.88	6 1-	2 ACSR 6/1	0	0	1901	182	33	4	2	0.01	1.14	0
9260052	9260051	1.93	5 1-	2 ACSR 6/1	0	0	1854	181	30	3	2	0.01	1.14	0
9260062	9260052	2.00	2 1-	2 ACSR 6/1	0	0	1799	181	13	1	1	0.00	1.14	0
9260103	9260062	2.05	2 1- 15 KV	2 URD XLP	0	0	1756	434	13	1	1	0.00	1.15	0
9260053	9260052	1.97	3 1-	2 ACSR 6/1	0	0	1822	181	17	2	1	0.00	1.14	0
9260104	9260053	2.03	2 1- 15 KV	2 URD XLP	0	0	1774	435	13	1	1	0.00	1.15	0
9260050	9260056	1.84	0 1-	2 ACSR 6/1	0	0	1938	182	0	0	0	0.00	1.13	0
9260055	9260057	1.77	6 1-	2 ACSR 6/1	0	0	2011	182	27	3	2	0.00	1.12	0
9260092	9260055	1.87	5 1-	2 ACSR 6/1	0	0	1916	182	20	2	1	0.01	1.13	0
9360049	9260092	1.89	3 1-	2 ACSR 6/1	0	0	1894	182	14	1	1	0.00	1.13	0
9360050	9360049	1.92	2 1-	2 ACSR 6/1	0	0	1868	181	11	1	1	0.00	1.13	0
9360051	9360050	1.95	1 1-	2 ACSR 6/1	0	0	1839	181	7	0	1	0.00	1.13	0
9360061	9360057	1.44	12 3-	4/0 ACSR 6/1	3089	2900	2423	185	459	21	6	0.01	0.65	3
9360068	9360061	1.52	11 3-	4/0 ACSR 6/1	3007	2817	2343	185	448	20	6	0.02	0.67	5
9360072	9360068	1.57	10 3-	4/0 ACSR 6/1	2955	2765	2293	185	447	20	6	0.01	0.68	3
9360073	9360072	1.62	9 3-	4/0 ACSR 6/1	2913	2723	2254	185	439	20	6	0.01	0.69	3
9360560	9360073	1.62	2 3-	Consumer	2913	2723	2254	185	173	8	0	0.00	0.69	0
9360052	9360073	1.63	7 3-	4/0 ACSR 6/1	2903	2713	2245	185	267	12	4	0.00	0.69	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9360053	9360052	1.76	4 3-	4/0 ACSR 6/1	2783	2593	2132	184	251	11	3	0.02	0.71	3
9360048	9360053	1.79	1 3-	4/0 ACSR 6/1	2750	2561	2102	184	15	0	0	0.00	0.71	0
9360047	9360053	1.83	2 3-	4/0 ACSR 6/1	2719	2530	2073	184	235	11	3	0.01	0.72	1
9360074	9360047	1.86	2 3- 15	KV 2 URD XLP	2697	2507	2055	456	235	11	7	0.01	0.73	2
9360530	9360074	1.86	2 3-	Consumer	2697	2507	2055	456	235	11	0	0.00	0.73	0
9370151	9370152	0.83	14 1-	2 ACSR 6/1	0	0	3265	187	67	8	5	0.01	0.20	0
9270051	9370151	0.88	12 1- 15	KV 2 URD XLP	0	0	3161	477	55	6	4	0.01	0.21	0
9270058	9270051	0.93	10 1- 15	KV 2 URD XLP	0	0	3041	473	47	5	4	0.01	0.22	0
9270059	9270058	0.99	8 1- 15	KV 2 URD XLP	0	0	2917	468	37	4	3	0.01	0.23	0
9270083	9270059	1.10	1 1- 15	KV 2 URD XLP	0	0	2706	461	1	0	0	0.00	0.23	0
9260107	9270083	1.17	0 1- 15	KV 2 URD XLP	0	0	2577	456	0	0	0	0.00	0.23	0
9260108	9270083	1.15	1 1- 15	KV 2 URD XLP	0	0	2629	458	1	0	0	0.00	0.23	0
9270046	9270059	1.05	5 1- 15	KV 2 URD XLP	0	0	2807	465	22	2	2	0.01	0.23	0
9270057	9270046	1.11	3 1- 15	KV 2 URD XLP	0	0	2698	461	18	2	1	0.00	0.24	0
9270082	9270057	1.17	1 1- 15	KV 2 URD XLP	0	0	2591	457	4	0	0	0.00	0.24	0
9270081	9270082	1.28	1 1-	2 ACSR 6/1	0	0	2402	182	4	0	0	0.00	0.24	0
9370165	9370150	0.79	19 1-	2 ACSR 6/1	0	0	3354	187	103	12	7	0.02	0.20	2
9270060	9370165	0.82	17 1- 15	KV 2 URD XLP	0	0	3272	479	98	12	7	0.02	0.22	1
9270071	9270060	0.87	14 1- 15	KV 2 URD XLP	0	0	3170	476	85	10	6	0.02	0.23	1
9270048	9270071	0.98	3 1- 15	KV 2 URD XLP	0	0	2934	468	20	2	2	0.01	0.24	0
9270047	9270071	0.97	9 1- 15	KV 2 URD XLP	0	0	2953	468	57	7	4	0.03	0.26	1
9270053	9270047	1.03	8 1- 15	KV 2 URD XLP	0	0	2830	464	49	6	4	0.01	0.27	0
9270054	9270053	1.09	6 1- 15	KV 2 URD XLP	0	0	2715	460	36	4	3	0.01	0.28	0
9270055	9270054	1.14	4 1- 15	KV 2 URD XLP	0	0	2613	456	25	3	2	0.01	0.28	0
9270056	9270055	1.19	2 1- 15	KV 2 URD XLP	0	0	2538	454	19	2	1	0.00	0.29	0
9270050	9270056	1.25	1 1- 15	KV 2 URD XLP	0	0	2439	450	9	1	1	0.00	0.29	0
9270049	9270041	0.36	1 1- 15	KV 2 URD XLP	0	0	4115	492	7	0	1	0.00	0.33	0
9270063	9270088	0.34	2 1-	1/0 ACSR 6/1	0	0	4158	189	9	1	1	0.00	0.08	0
9270064	9270063	0.42	0 1-	1/0 ACSR 6/1	0	0	3919	188	0	0	0	0.00	0.08	0
D09-27-P031	9270064	0.42	0 1-	FUS	0	0	3919	188	0	0	5	0.00	0.08	0
9270118	D09-27-P031	0.44	0 1-	1/0 ACSR 6/1	0	0	3870	188	0	0	0	0.00	0.08	0
9270108	9270118	0.60	0 1- 15	KV 2 URD XLP	0	0	3412	477	0	0	0	0.00	0.08	0
9270111	9270108	0.63	0 1- 15	KV 2 URD XLP	0	0	3333	475	0	0	0	0.00	0.08	0
9270114	9270111	0.69	0 1- 15	KV 2 URD XLP	0	0	3179	471	0	0	0	0.00	0.08	0
9270117	9270114	0.77	0 1- 15	KV 2 URD XLP	0	0	3003	465	0	0	0	0.00	0.08	0
9270116	9270114	0.71	0 1- 15	KV 2 URD XLP	0	0	3138	469	0	0	0	0.00	0.08	0
9270113	9270111	0.65	0 1- 15	KV 2 URD XLP	0	0	3299	474	0	0	0	0.00	0.08	0
9270110	9270108	0.65	0 1- 15	KV 2 URD XLP	0	0	3282	474	0	0	0	0.00	0.08	0
9270044	9270040	0.30	4 1-	2 ACSR 6/1	0	0	4245	188	22	2	2	0.00	0.25	0
9270039	9370075	0.19	0 3-	4/0 ACSR 6/1	5069	4972	4698	189	0	0	0	0.00	0.15	0
O9-27-P007-A	9270039	0.19	0 3-	Open	5069	4972	4698	189	0	0	0	0.00	0.15	0
9370077	9370076	0.06	30 1-	2 ACSR 6/1	0	0	5377	190	151	18	11	0.02	0.03	3
D09-37-P106	9370077	0.06	30 1-	FUS-70	0	0	5377	190	151	18	32	0.00	0.03	0
9370081	D09-37-P106	0.18	30 1-	2 ACSR 6/1	0	0	4758	189	151	18	11	0.06	0.10	7
9370120	9370081	0.21	5 1-	2 ACSR 6/1	0	0	4609	189	19	2	1	0.00	0.10	0
D09-37-P053	9370120	0.21	4 1-	FUS	0	0	4609	189	13	1	38	0.00	0.10	0
9370142	D09-37-P053	0.30	4 1- 15	KV 2 URD XLP	0	0	4232	486	13	1	1	0.00	0.10	0
9370143	9370142	0.36	2 1- 15	KV 2 URD XLP	0	0	4016	482	7	0	1	0.00	0.10	0
9370078	9370081	0.27	25 1-	2 ACSR 6/1	0	0	4306	188	132	16	9	0.05	0.14	5
9370080	9370078	0.41	25 1-	2 ACSR 6/1	0	0	3767	187	132	16	9	0.07	0.21	7
9370106	9370080	0.48	23 1-	2 ACSR 6/1	0	0	3544	187	127	16	9	0.03	0.24	3
9370107	9370106	0.54	21 1-	2 ACSR 6/1	0	0	3372	186	108	13	8	0.02	0.26	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9370109	9370107	0.58	21 1-	2 ACSR 6/1	0	0	3246	186	108	13	8	0.02	0.28	1
9370114	9370109	0.71	1 1-	2 ACSR 6/1	0	0	2950	185	9	1	1	0.00	0.28	0
9370113	9370109	0.61	19 1-	2 ACSR 6/1	0	0	3172	186	90	11	6	0.01	0.29	0
9370110	9370113	0.66	16 1-	2 ACSR 6/1	0	0	3062	185	77	9	5	0.01	0.30	0
9370111	9370110	0.71	13 1-	2 ACSR 6/1	0	0	2934	185	62	7	4	0.01	0.31	0
9370112	9370111	0.74	10 1-	2 ACSR 6/1	0	0	2885	185	45	5	3	0.00	0.31	0
9370116	9370112	0.81	7 1-	2 ACSR 6/1	0	0	2729	184	31	3	2	0.01	0.32	0
9370117	9370116	0.91	6 1-	2 ACSR 6/1	0	0	2554	183	26	3	2	0.01	0.33	0
9370104	9370117	0.95	4 1-	2 ACSR 6/1	0	0	2487	183	21	2	1	0.00	0.33	0
9370192	9370104	1.00	3 1-	2 ACSR 6/1	0	0	2402	183	20	2	1	0.00	0.33	0
9370105	9370192	1.05	2 1-	2 ACSR 6/1	0	0	2328	182	14	1	1	0.00	0.33	0
9370108	9370105	1.10	1 1-	2 ACSR 6/1	0	0	2260	182	9	1	1	0.00	0.34	0
9370121	9370080	0.45	2 1-	2 ACSR 6/1	0	0	3641	187	5	0	0	0.00	0.21	0
9370079	9370078	0.34	0 1-	2 ACSR 6/1	0	0	4025	188	0	0	0	0.00	0.14	0
CKT 1 total losses:		\$752												
SUB 48, CKT 2														
BK4802	NORTHCORBIN(48)	0.00	284 3-	BK4802	5543	5608	5731	190	1685	70	41	0.00	0.00	0
9370135	BK4802	0.01	284 3-	4/0 ACSR 6/1	5679	5743	5852	190	1685	70	21	0.01	0.01	7
9370119	9370135	0.11	283 3-	336 ACSR 18/1	5388	5414	5372	190	1683	70	13	0.06	0.04	45
9270043	9370119	0.18	282 3-	336 ACSR 18/1	5174	5170	5038	190	1679	70	13	0.05	0.07	36
9270035	9270043	0.21	0 3-	4/0 ACSR 6/1	5109	5096	4940	190	0	0	0	0.00	0.07	0
09-27-P007-B	9270035	0.21	0 3-	Open	5109	5096	4940	190	0	0	0	0.00	0.07	0
9270068	9270043	0.20	282 3-	336 ACSR 18/1	5120	5109	4957	190	1678	70	13	0.01	0.08	9
9270085	9270068	0.25	261 3-	336 ACSR 18/1	4998	4971	4776	189	1593	66	13	0.03	0.09	19
9270086	9270085	0.29	260 3-	336 ACSR 18/1	4890	4849	4619	189	1588	66	13	0.02	0.11	18
9270061	9270086	0.34	6 1-	2 ACSR 6/1	0	0	4419	189	22	2	2	0.00	0.08	0
9270075	9270061	0.42	4 1-	2 ACSR 6/1	0	0	4097	188	16	2	1	0.00	0.08	0
9370145	9270075	0.44	4 1-	2 ACSR 6/1	0	0	4034	188	16	2	1	0.00	0.08	0
9370146	9370145	0.49	1 1-	2 ACSR 6/1	0	0	3857	188	7	0	0	0.00	0.08	0
9270037	9270086	0.33	254 3-	336 ACSR 18/1	4805	4753	4498	189	1566	65	12	0.02	0.12	14
9270036	9270037	0.49	253 3-	336 ACSR 18/1	4446	4352	4010	189	1558	65	12	0.09	0.18	65
9270034	9270036	0.61	248 3-	336 ACSR 18/1	4210	4093	3709	188	1489	62	12	0.06	0.21	43
9270038	9270034	0.81	246 3-	336 ACSR 18/1	3867	3722	3296	188	1481	62	12	0.10	0.28	71
D09-28-P203	9270038	0.81	2 1-	FUS	0	0	3296	188	22	2	63	0.00	0.44	0
9280227	D09-28-P203	0.86	2 1-	2 ACSR 6/1	0	0	3183	187	22	2	2	0.00	0.44	0
9280181	9270038	0.85	244 3-	336 ACSR 18/1	3803	3654	3222	188	1459	61	12	0.02	0.29	14
9280172	9280181	0.96	243 3-	336 ACSR 18/1	3643	3485	3040	187	1458	61	12	0.05	0.32	37
9280234	9280172	1.02	187 3-	336 ACSR 18/1	3551	3388	2939	187	1114	46	9	0.02	0.34	14
9280236	9280234	1.06	1 1-	15 KV 2 URD XLP	0	0	2871	477	13	1	1	0.00	0.53	0
9280235	9280234	1.08	186 3-	336 ACSR 18/1	3478	3313	2860	187	1102	46	9	0.02	0.35	11
9280089	9280235	1.18	182 3-	336 ACSR 18/1	3345	3174	2718	186	1087	45	9	0.03	0.37	21
D09-28-P015	9280089	1.18	1 1-	FUS	0	0	2718	186	7	0	20	0.00	0.32	0
9280228	D09-28-P015	1.23	1 1-	2 ACSR 6/1	0	0	2644	186	7	0	0	0.00	0.32	0
9280090	9280089	1.52	181 3-	336 ACSR 18/1	2979	2800	2345	185	1080	45	9	0.10	0.45	66
D09-28-P073	9280090	1.52	1 1-	FUS	0	0	2345	185	1	0	3	0.00	0.67	0
9280231	D09-28-P073	1.64	1 1-	2 ACSR 6/1	0	0	2201	184	1	0	0	0.00	0.67	0
9280085	9280090	1.58	180 3-	336 ACSR 18/1	2924	2744	2291	185	1078	45	9	0.02	0.46	11
9280086	9280085	1.65	180 3-	336 ACSR 18/1	2857	2677	2226	185	1078	45	9	0.02	0.48	14
9280180	9280086	1.67	180 3-	336 ACSR 18/1	2847	2667	2216	185	1078	45	9	0.00	0.48	3
9280176	9280180	1.69	177 3-	336 ACSR 18/1	2829	2649	2199	185	1060	44	8	0.01	0.49	5
CAP141	9280176	1.69	174 3-	Capacitor	0	0	0	0	1055	44	0	0.00	0.49	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
			CONS	CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9280177	CAP141	1.73	174 3-	336 ACSR 18/1	2802	2621	2172	185	1055	45	9	0.01	0.50	8
9280179	9280177	1.76	28 1-	2 ACSR 6/1	0	0	2138	184	173	22	12	0.02	0.52	3
9280093	9280179	1.79	26 1-	2 ACSR 6/1	0	0	2110	184	163	20	12	0.02	0.54	2
9280112	9280093	1.86	24 1-	2 ACSR 6/1	0	0	2042	184	154	19	11	0.04	0.57	4
9280113	9280112	1.94	1 1- 15	KV 2 URD XLP	0	0	1968	450	44	6	4	0.01	0.59	0
9280107	9280112	1.92	21 1- 15	KV 2 URD XLP	0	0	1990	452	99	12	7	0.03	0.60	2
9280111	9280107	1.96	8 1- 15	KV 2 URD XLP	0	0	1952	449	41	5	3	0.01	0.61	0
9280109	9280111	2.00	6 1- 15	KV 2 URD XLP	0	0	1921	447	25	3	2	0.00	0.61	0
9280102	9280109	2.04	3 1- 15	KV 2 URD XLP	0	0	1886	444	17	2	1	0.00	0.62	0
9280092	9280102	2.11	2 1- 15	KV 2 URD XLP	0	0	1830	440	13	1	1	0.00	0.62	0
9280110	9280107	2.01	13 1- 15	KV 2 URD XLP	0	0	1909	446	58	7	4	0.02	0.63	1
9280098	9280110	2.08	1 1- 15	KV 2 URD XLP	0	0	1853	441	7	0	1	0.00	0.63	0
9280097	9280110	2.09	9 1- 15	KV 2 URD XLP	0	0	1842	440	39	4	3	0.01	0.64	0
9280095	9280097	2.13	5 1- 15	KV 2 URD XLP	0	0	1814	438	23	2	2	0.00	0.64	0
9280094	9280095	2.19	2 1- 15	KV 2 URD XLP	0	0	1768	435	12	1	1	0.00	0.65	0
9280104	9280094	2.22	2 1- 15	KV 2 URD XLP	0	0	1743	433	12	1	1	0.00	0.65	0
9280096	9280097	2.14	1 1-	2 ACSR 6/1	0	0	1806	181	7	0	0	0.00	0.64	0
9280178	9280177	1.77	145 3-	336 ACSR 18/1	2776	2595	2147	185	880	37	7	0.02	0.51	6
9280229	9280178	1.85	143 3-	336 ACSR 18/1	2720	2539	2093	184	873	37	7	0.04	0.53	13
9280230	9280229	1.96	142 3-	336 ACSR 18/1	2655	2474	2032	184	866	37	7	0.05	0.55	16
9280210	9280230	2.03	5 1- 15	KV 2 URD XLP	0	0	1969	454	25	3	2	0.01	0.85	0
9280209	9280210	2.12	3 1- 15	KV 2 URD XLP	0	0	1901	448	11	1	1	0.00	0.85	0
9280206	9280209	2.19	1 1- 15	KV 2 URD XLP	0	0	1844	443	2	0	0	0.00	0.85	0
9280205	9280209	2.16	0 1- 15	KV 2 URD XLP	0	0	1865	445	0	0	0	0.00	0.85	0
9280208	9280210	2.09	1 1- 15	KV 2 URD XLP	0	0	1919	449	7	0	1	0.00	0.85	0
9280152	9280230	2.01	137 3-	336 ACSR 18/1	2623	2442	2002	184	840	36	7	0.02	0.56	7
9380141	9280152	2.04	136 3-	336 ACSR 18/1	2606	2426	1986	184	836	35	7	0.01	0.57	4
9380127	9380141	2.07	135 3-	336 ACSR 18/1	2590	2409	1971	184	832	35	7	0.01	0.58	4
9380139	9380127	2.15	10 1- 15	KV 2 URD XLP	0	0	1907	451	42	5	3	0.01	0.29	0
9380138	9380139	2.18	1 1- 15	KV 2 URD XLP	0	0	1879	449	4	0	0	0.00	0.29	0
9380137	9380139	2.24	6 1- 15	KV 2 URD XLP	0	0	1835	445	24	2	2	0.01	0.30	0
9280154	9380137	2.28	4 1- 15	KV 2 URD XLP	0	0	1807	443	17	2	1	0.00	0.30	0
9380144	9280154	2.37	2 1- 15	KV 2 URD XLP	0	0	1740	437	9	1	1	0.00	0.30	0
9380089	9380127	2.12	125 3-	336 ACSR 18/1	2561	2380	1944	184	790	33	6	0.02	0.59	7
9380075	9380089	2.14	123 3-	336 ACSR 18/1	2548	2368	1932	184	781	33	6	0.01	0.59	3
D09-38-P002	9380075	2.14	4 1-	FUS-40	0	0	1932	184	21	2	8	0.00	0.27	0
9380091	D09-38-P002	2.15	4 1-	2 ACSR 6/1	0	0	1920	184	21	2	1	0.00	0.27	0
9380093	9380091	2.21	2 1-	2 ACSR 6/1	0	0	1869	183	13	1	1	0.00	0.27	0
9380090	9380075	2.19	119 3-	336 ACSR 18/1	2520	2340	1906	184	759	32	6	0.02	0.60	6
D09-38-P004	9380090	2.19	21 1-	FUS-40	0	0	1906	184	54	6	19	0.00	0.60	0
9380069	D09-38-P004	2.24	21 1-	2 ACSR 6/1	0	0	1862	183	54	6	4	0.01	0.61	0
9380146	9380069	2.33	0 1-	2 ACSR 6/1	0	0	1794	183	0	0	0	0.00	0.61	0
9380072	9380069	2.28	16 1-	2 ACSR 6/1	0	0	1829	183	36	4	3	0.01	0.61	0
9380169	9380072	2.41	14 1-	2 ACSR 6/1	0	0	1731	182	29	3	2	0.01	0.63	0
9380170	9380169	2.48	13 1-	2 ACSR 6/1	0	0	1685	181	20	2	1	0.00	0.63	0
9380168	9380170	2.54	9 1-	2 ACSR 6/1	0	0	1646	181	14	1	1	0.00	0.63	0
9380172	9380168	2.57	7 1-	2 ACSR 6/1	0	0	1624	181	9	1	1	0.00	0.63	0
9380128	9380172	2.61	2 1-	2 ACSR 6/1	0	0	1597	180	3	0	0	0.00	0.63	0
9380152	9380168	2.64	1 1-	2 ACSR 6/1	0	0	1580	180	2	0	0	0.00	0.63	0
9380073	9380072	2.34	1 1-	2 ACSR 6/1	0	0	1788	183	4	0	0	0.00	0.61	0
9380070	9380069	2.30	3 1-	2 ACSR 6/1	0	0	1819	183	13	1	1	0.00	0.61	0
9380071	9380070	2.33	1 1-	2 ACSR 6/1	0	0	1789	183	6	0	0	0.00	0.61	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
D09-38-P004A		9380090	2.19	15 1-	FUS-40	0	0	1906	184	79	10	28	0.00	0.94	0
9380148	D09-38-P004A	2.25	15 1-	2 ACSR 6/1	0	0	1857	183	79	10	6	0.02	0.96	0	0
9380149	9380148	2.31	13 1-	2 ACSR 6/1	0	0	1805	183	66	8	5	0.01	0.97	0	0
9380177	9380149	2.33	1 1-	2 ACSR 6/1	0	0	1791	183	8	1	1	0.00	0.97	0	0
9380150	9380149	2.38	10 1-	2 ACSR 6/1	0	0	1754	182	45	5	3	0.01	0.98	0	0
9380151	9380150	2.45	0 1-	2 ACSR 6/1	0	0	1703	182	0	0	0	0.00	0.98	0	0
9380145	9380150	2.43	5 1-	2 ACSR 6/1	0	0	1720	182	37	4	3	0.00	0.99	0	0
9380178	9380145	2.51	3 1-	2 ACSR 6/1	0	0	1665	181	20	2	1	0.00	0.99	0	0
9380153	9380090	2.29	82 3-	336 ACSR 18/1	2465	2285	1856	183	617	26	5	0.04	0.62	9	0
9380154	9380153	2.34	81 3-	336 ACSR 18/1	2438	2259	1831	183	615	26	5	0.02	0.63	4	0
9380140	9380154	2.40	1 1-	2 ACSR 6/1	0	0	1788	183	0	0	0	0.00	0.62	0	0
9380095	9380154	2.41	80 3-	336 ACSR 18/1	2405	2226	1801	183	614	26	5	0.02	0.64	5	0
9380163	9380095	2.46	67 3-	336 ACSR 18/1	2380	2202	1778	183	535	23	4	0.01	0.65	3	0
9380162	9380163	2.54	2 1-	15 KV 2 URD XLP	0	0	1726	445	13	1	1	0.00	0.64	0	0
9380164	9380163	2.51	64 3-	336 ACSR 18/1	2355	2178	1756	183	520	22	4	0.02	0.66	3	0
D09-38-P009		9380164	2.51	4 1-	FUS-40	0	0	1756	183	15	1	5	0.00	1.05	0
9380155	D09-38-P009	2.54	4 1-	2 ACSR 6/1	0	0	1734	183	15	1	1	0.00	1.05	0	0
9380156	9380155	2.58	1 1-	2 ACSR 6/1	0	0	1705	182	4	0	0	0.00	1.05	0	0
9380165	9380164	2.54	59 3-	336 ACSR 18/1	2339	2161	1742	183	499	21	4	0.01	0.66	2	0
9380077	9380165	2.58	14 1-	2 ACSR 6/1	0	0	1716	183	73	9	5	0.01	1.07	0	0
9380122	9380077	2.63	14 1-	15 KV 2 URD XLP	0	0	1682	443	73	9	6	0.02	1.09	1	0
9380125	9380122	2.68	12 1-	15 KV 2 URD XLP	0	0	1654	440	66	8	5	0.01	1.11	0	0
9380179	9380125	2.73	2 1-	15 KV 2 URD XLP	0	0	1625	437	18	2	1	0.00	1.11	0	0
9380176	9380179	2.78	0 1-	15 KV 2 URD XLP	0	0	1595	434	0	0	0	0.00	1.11	0	0
9380126	9380125	2.75	10 1-	2 ACSR 6/1	0	0	1609	181	48	6	3	0.01	1.12	0	0
9380117	9380126	2.81	9 1-	2 ACSR 6/1	0	0	1570	181	44	5	3	0.01	1.13	0	0
9380118	9380117	2.85	5 1-	15 KV 2 URD XLP	0	0	1549	431	21	2	2	0.00	1.13	0	0
9380119	9380118	2.90	4 1-	15 KV 2 URD XLP	0	0	1524	428	17	2	1	0.00	1.13	0	0
9380120	9380119	2.99	3 1-	15 KV 2 URD XLP	0	0	1474	423	16	1	1	0.01	1.14	0	0
9380121	9380120	3.05	2 1-	15 KV 2 URD XLP	0	0	1446	420	12	1	1	0.00	1.14	0	0
9380116	9380117	2.87	4 1-	2 ACSR 6/1	0	0	1535	180	24	3	2	0.00	1.13	0	0
9380124	9380116	2.91	3 1-	2 ACSR 6/1	0	0	1512	180	14	1	1	0.00	1.13	0	0
9380123	9380124	2.95	2 1-	2 ACSR 6/1	0	0	1492	179	9	1	1	0.00	1.13	0	0
9380166	9380165	2.58	45 3-	336 ACSR 18/1	2320	2143	1725	183	426	18	4	0.01	0.67	1	0
9380161	9380166	2.63	42 3-	336 ACSR 18/1	2295	2119	1703	183	411	18	3	0.01	0.68	2	0
D09-38-P015		9380161	2.63	16 1-	FUS	0	0	1703	183	68	8	197	0.00	1.08	0
9380157	D09-38-P015	2.67	16 1-	2 ACSR 6/1	0	0	1680	182	68	8	5	0.01	1.09	0	0
9380158	9380157	2.69	14 1-	2 ACSR 6/1	0	0	1665	182	62	7	4	0.00	1.09	0	0
9380159	9380158	2.72	7 1-	2 ACSR 6/1	0	0	1648	182	39	4	3	0.00	1.10	0	0
9380160	9380159	2.73	3 1-	2 ACSR 6/1	0	0	1638	182	19	2	1	0.00	1.10	0	0
9380171	9380161	2.71	25 3-	336 ACSR 18/1	2260	2085	1672	183	340	15	3	0.01	0.68	2	0
D09-38-P018		9380171	2.71	1 1-	FUS	0	0	1672	183	6	0	18	0.00	0.66	0
9380078	D09-38-P018	2.99	1 1-	2 ACSR 6/1	0	0	1506	180	6	0	0	0.00	0.66	0	0
9380092	9380171	2.77	22 3-	336 ACSR 18/1	2234	2060	1649	182	323	14	3	0.01	0.69	1	0
9380079	9380092	2.81	18 3-	336 ACSR 18/1	2218	2044	1635	182	302	13	3	0.00	0.69	0	0
9380080	9380079	2.85	17 3-	336 ACSR 18/1	2199	2026	1619	182	295	13	3	0.00	0.70	0	0
D09-38-P027		9380080	2.85	3 1-	FUS	0	0	1619	182	10	1	29	0.00	1.11	0
9380081	D09-38-P027	2.93	3 1-	2 ACSR 6/1	0	0	1571	182	10	1	1	0.00	1.11	0	0
9380082	9380081	2.97	0 1-	2 ACSR 6/1	0	0	1549	181	0	0	0	0.00	1.11	0	0
9380083	9380082	3.01	0 1-	2 ACSR 6/1	0	0	1524	181	0	0	0	0.00	1.11	0	0
9380084	9380080	2.87	14 3-	336 ACSR 18/1	2193	2020	1613	182	285	12	2	0.00	0.70	0	0
9380086	9380084	2.88	4 3-	336 ACSR 18/1	2186	2013	1607	182	30	1	0	0.00	0.70	0	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9380087	9380086	2.90	3 3-	336 ACSR 18/1	2177	2004	1599	182	28	1	0	0.00	0.70	0
9380167	9380087	4.17	2 3-	336 ACSR 18/1	1752	1598	1243	179	18	0	-0.01	0.70	0	0
9380147	9380087	2.95	1 1-	2 ACSR 6/1	0	0	1572	182	9	1	1	0.00	1.11	0
9380085	9380084	2.94	9 3-	1/0 3PSC	2154	1977	1569	182	253	11	5	0.02	0.71	3
D09-38-P032	9380085	2.94	4 3-	FUS	2154	1977	1569	182	216	10	230	0.00	0.71	0
9380094	D09-38-P032	2.98	4 3-	1/0 3PSC	2132	1953	1544	181	216	10	4	0.01	0.72	1
9380076	9380094	3.05	0 1-	15 KV 2 URD XLP	0	0	1511	434	0	0	0	0.00	0.35	0
9380088	9380094	3.00	4 3-	2 ACSR 6/1	2121	1941	1536	181	216	10	6	0.00	0.73	0
9380610	9380088	3.00	2 3-	Consumer	2121	1941	1536	181	212	9	0	0.00	0.73	0
9380097	9380085	3.08	5 1-	2 ACSR 6/1	0	0	1490	181	37	4	3	0.02	0.36	0
9480007	9380097	3.10	2 1-	2 ACSR 6/1	0	0	1482	181	17	2	1	0.00	0.36	0
9480008	9480007	3.14	1 1-	2 ACSR 6/1	0	0	1459	180	8	1	1	0.00	0.36	0
9480006	9380097	3.14	3 1-	2 ACSR 6/1	0	0	1462	180	20	2	1	0.00	0.36	0
9480004	9480006	3.19	2 1-	2 ACSR 6/1	0	0	1433	180	13	1	1	0.00	0.36	0
9480005	9480004	3.28	2 1-	15 KV 2 URD XLP	0	0	1394	422	13	1	1	0.00	0.37	0
9380180	9380161	2.70	1 1-	2 ACSR 6/1	0	0	1661	182	3	0	0	0.00	1.08	0
9380096	9380095	2.45	13 1-	2 ACSR 6/1	0	0	1765	183	80	10	6	0.01	1.04	0
9380136	9380096	2.49	13 1-	15 KV 2 URD XLP	0	0	1743	446	80	10	6	0.01	1.05	0
9380134	9380136	2.53	1 1-	15 KV 2 URD XLP	0	0	1714	443	8	0	1	0.00	1.05	0
9380135	9380136	2.56	10 1-	2 ACSR 6/1	0	0	1691	182	59	7	4	0.02	1.06	0
9380132	9380135	2.62	4 1-	15 KV 2 URD XLP	0	0	1658	439	17	2	1	0.00	1.07	0
9380133	9380135	2.64	5 1-	15 KV 2 URD XLP	0	0	1642	437	38	4	3	0.01	1.08	0
9380131	9380133	2.70	1 1-	15 KV 2 URD XLP	0	0	1608	434	1	0	0	0.00	1.08	0
9380130	9380133	2.71	2 1-	15 KV 2 URD XLP	0	0	1603	433	21	2	2	0.01	1.08	0
9380129	9380130	2.75	1 1-	15 KV 2 URD XLP	0	0	1579	431	12	1	1	0.00	1.08	0
9380074	9380130	2.77	1 1-	15 KV 2 URD XLP	0	0	1569	430	9	1	1	0.00	1.08	0
9280233	9280229	1.87	1 3-	2 ACSR 6/1	2702	2520	2078	184	7	0	0	0.00	0.53	0
9280232	9280233	1.90	1 3-	25 KV 1/0 URD X	2683	2502	2063	458	7	0	0	0.00	0.53	0
9280174	9280235	1.13	3 1-	2 ACSR 6/1	0	0	2761	186	11	1	1	0.00	0.55	0
9280087	9280172	1.00	20 1-	2 ACSR 6/1	0	0	2962	187	112	14	8	0.02	0.24	1
D09-28-P069	9280087	1.00	20 1-	REC-50-L	0	0	2962	187	112	14	28	0.00	0.24	0
9280164	D09-28-P069	1.04	20 1-	2 ACSR 6/1	0	0	2884	187	112	14	8	0.02	0.25	1
9280165	9280164	1.15	19 1-	2 ACSR 6/1	0	0	2685	186	108	13	8	0.04	0.30	4
9280145	9280165	1.22	1 1-	15 KV 2 URD XLP	0	0	2581	466	7	0	1	0.00	0.30	0
9280166	9280165	1.20	1 1-	2 ACSR 6/1	0	0	2600	185	10	1	1	0.00	0.30	0
9280167	9280165	1.27	16 1-	2 ACSR 6/1	0	0	2487	185	90	11	6	0.04	0.33	3
9280168	9280167	1.30	15 1-	2 ACSR 6/1	0	0	2453	185	81	10	6	0.01	0.34	0
9280188	9280168	1.33	13 1-	2 ACSR 6/1	0	0	2400	184	67	8	5	0.01	0.35	0
9280189	9280188	1.40	12 1-	2 ACSR 6/1	0	0	2304	184	63	7	4	0.01	0.36	0
9280190	9280189	1.47	10 1-	2 ACSR 6/1	0	0	2216	183	53	6	4	0.01	0.38	0
9280201	9280190	1.58	9 1-	2 ACSR 6/1	0	0	2098	182	53	6	4	0.02	0.40	0
9280202	9280201	1.60	8 1-	2 ACSR 6/1	0	0	2071	182	51	6	4	0.00	0.40	0
9280191	9280202	1.63	6 1-	2 ACSR 6/1	0	0	2039	182	42	5	3	0.00	0.41	0
9280192	9280191	1.66	5 1-	2 ACSR 6/1	0	0	2009	182	37	4	3	0.00	0.41	0
9180091	9280192	1.69	1 1-	2 ACSR 6/1	0	0	1983	182	6	0	0	0.00	0.41	0
9180058	9280192	1.69	2 1-	2 ACSR 6/1	0	0	1980	181	25	3	2	0.00	0.41	0
9180059	9180058	1.73	1 1-	2 ACSR 6/1	0	0	1944	181	15	1	1	0.00	0.41	0
9280175	9280168	1.36	2 1-	2 ACSR 6/1	0	0	2369	184	14	1	1	0.00	0.34	0
9280237	9280175	1.39	1 1-	2 ACSR 6/1	0	0	2328	184	6	0	0	0.00	0.34	0
9280091	9280172	0.97	36 3-	4/0 ACSR 6/1	3657	3500	3057	187	231	9	3	0.00	0.32	0
D09-28-P215	9280091	0.97	36 3-	REC-70-L	3657	3500	3057	187	231	9	14	0.00	0.32	0
9280143	D09-28-P215	1.02	36 3-	15 KV 2 URD XLP	3613	3457	3012	479	231	9	6	0.01	0.33	2

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
9280144	9280143	1.05	34 3-	15 KV 2 URD XLP	3569	3412	2968	477	218	9	5	0.01	0.34	2
9280142	9280144	1.11	33 3-	15 KV 2 URD XLP	3501	3344	2901	473	205	8	5	0.01	0.36	3
9280140	9280142	1.16	31 3-	15 KV 2 URD XLP	3445	3288	2847	470	197	8	5	0.01	0.37	2
9280137	9280140	1.24	27 3-	15 KV 2 URD XLP	3348	3191	2756	465	167	7	4	0.02	0.38	4
9280213	9280137	1.33	18 3-	15 KV 2 URD XLP	3228	3071	2644	460	107	-4	3	0.00	0.39	3
9280101	9280213	1.37	16 1-	15 KV 2 URD XLP	0	0	2580	457	88	11	7	0.02	0.38	1
9280099	9280101	1.41	10 1-	15 KV 2 URD XLP	0	0	2517	455	53	6	4	0.01	0.39	0
9280108	9280099	1.48	7 1-	15 KV 2 URD XLP	0	0	2418	450	44	5	3	0.01	0.40	0
9280114	9280108	1.55	3 1-	15 KV 2 URD XLP	0	0	2315	446	17	2	1	0.00	0.41	0
9280115	9280108	1.57	2 1-	15 KV 2 URD XLP	0	0	2276	444	6	0	0	0.00	0.41	0
9280100	9280101	1.53	5 1-	2 ACSR 6/1	0	0	2341	182	29	3	2	0.02	0.40	0
9280153	9280100	1.63	5 1-	2 ACSR 6/1	0	0	2201	181	29	3	2	0.01	0.41	0
9380143	9280153	1.75	2 1-	2 ACSR 6/1	0	0	2055	181	7	0	1	0.00	0.41	0
9380142	9380143	1.84	0 1-	2 ACSR 6/1	0	0	1966	180	0	0	0	0.00	0.41	0
9280214	9280137	1.33	7 1-	2 ACSR 6/1	0	0	2590	184	48	6	3	0.01	0.58	0
9280212	9280214	1.39	4 1-	2 ACSR 6/1	0	0	2489	184	39	4	3	0.01	0.59	0
9280216	9280212	1.44	2 1-	2 ACSR 6/1	0	0	2422	183	15	1	1	0.00	0.59	0
9280138	9280140	1.21	3 1-	2 ACSR 6/1	0	0	2746	185	25	3	2	0.00	0.25	0
9280215	9280138	1.25	2 1-	2 ACSR 6/1	0	0	2683	185	17	2	1	0.00	0.25	0
9280139	9280142	1.17	1 1-	15 KV 2 URD XLP	0	0	2802	469	7	0	1	0.00	0.54	0
9280141	9280144	1.10	1 1-	2 ACSR 6/1	0	0	2889	186	13	1	1	0.00	0.25	0
9270073	9270034	0.63	2 1-	2 ACSR 6/1	0	0	3656	188	7	0	1	0.00	0.16	0
9270094	9270036	0.52	5 1-	2 ACSR 6/1	0	0	3896	188	69	9	5	0.01	0.30	0
D09-27-P015	9270094	0.52	4 1-	FUS	0	0	3896	188	65	8	197	0.00	0.30	0
9270097	D09-27-P015	0.58	4 1-	2 ACSR 6/1	0	0	3712	188	65	8	5	0.02	0.32	0
9270120	9270097	0.72	4 1-	15 KV 2 URD XLP	0	0	3358	477	65	8	5	0.05	0.36	3
9270119	9270120	0.77	4 1-	15 KV 2 URD XLP	0	0	3239	474	65	8	5	0.02	0.38	0
9270102	9270119	0.85	4 1-	15 KV 2 URD XLP	0	0	3073	468	65	8	5	0.03	0.41	1
9270098	9270102	0.90	4 1-	15 KV 2 URD XLP	0	0	2961	465	65	8	5	0.02	0.42	0
9270103	9270098	0.95	4 1-	15 KV 2 URD XLP	0	0	2850	461	65	8	5	0.02	0.44	0
9270104	9270103	1.02	4 1-	15 KV 2 URD XLP	0	0	2729	457	65	8	5	0.02	0.46	1
9270100	9270104	1.08	2 1-	15 KV 2 URD XLP	0	0	2601	452	12	1	1	0.00	0.47	0
9270105	9270100	1.15	2 1-	15 KV 2 URD XLP	0	0	2488	448	12	1	1	0.00	0.47	0
9270106	9270105	1.23	1 1-	15 KV 2 URD XLP	0	0	2366	443	12	1	1	0.00	0.47	0
9270101	9270104	1.05	2 1-	15 KV 2 URD XLP	0	0	2657	454	53	7	4	0.01	0.47	0
9270096	9270094	0.66	1 1-	2 ACSR 6/1	0	0	3501	187	3	0	0	0.00	0.30	0
9270062	9270037	0.36	1 1-	2 ACSR 6/1	0	0	4354	189	8	0	1	0.00	0.20	0
9270069	9270068	0.24	20 1-	2 ACSR 6/1	0	0	4787	189	83	10	6	0.01	0.07	0
D09-27-P010	9270069	0.24	1 1-	FUS	0	0	4787	189	2	0	7	0.00	0.07	0
9270052	D09-27-P010	0.28	1 1-	15 KV 2 URD XLP	0	0	4617	495	2	0	0	0.00	0.07	0
9270076	9270069	0.35	18 1-	2 ACSR 6/1	0	0	4303	188	77	9	5	0.03	0.10	2
9370136	9270076	0.41	13 1-	15 KV 2 URD XLP	0	0	4108	487	59	7	4	0.02	0.11	0
9370149	9370136	0.46	0 1-	15 KV 2 URD XLP	0	0	3981	483	0	0	0	0.00	0.11	0
9370137	9370136	0.44	12 1-	15 KV 2 URD XLP	0	0	3991	485	57	7	4	0.01	0.12	0
9370138	9370137	0.52	10 1-	15 KV 2 URD XLP	0	0	3754	479	46	5	3	0.01	0.13	0
9370139	9370138	0.61	6 1-	15 KV 2 URD XLP	0	0	3485	473	31	3	2	0.01	0.15	0
9370147	9370139	0.72	2 1-	15 KV 2 URD XLP	0	0	3181	465	14	1	1	0.00	0.15	0
9370141	9370139	0.65	1 1-	15 KV 2 URD XLP	0	0	3368	470	3	0	0	0.00	0.15	0
9370140	9370139	0.66	1 1-	15 KV 2 URD XLP	0	0	3354	469	4	0	0	0.00	0.15	0
9370144	9270076	0.40	3 1-	15 KV 2 URD XLP	0	0	4130	488	12	1	1	0.00	0.10	0

CKT 2 total losses: \$679

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 48, CKT 3														
BK4803	NORTHCORBIN(48)	0.00	1103 3-	BK4803	5543	5608	5731	190	6508	272	80	0.00	0.00	0
93700071	BK4803	0.03	1103 3-	336 ACSR 18/1	5478	5531	5618	190	6508	272	51	0.04	0.04	175
93700082	9370071	0.67	1103 3-	336 ACSR 18/1	4201	4075	3728	189	6507	272	51	1.07	0.93	4419
92700074	9370082	0.82	1103 3-	336 ACSR 18/1	3991	3846	3464	189	6465	272	51	0.23	1.12	985
9280173	9270074	0.93	1103 3-	336 ACSR 18/1	3846	3691	3289	188	6456	272	51	0.17	1.27	737
9280088	9280173	1.62	1103 3-	336 ACSR 18/1	3116	2932	2481	187	6449	272	51	1.08	2.18	4715
9280182	9280088	1.65	1103 3-	336 ACSR 18/1	3088	2904	2453	187	6405	272	51	0.05	2.23	222
9280183	9280182	1.70	1102 3-	336 ACSR 18/1	3047	2862	2411	187	6400	271	51	0.07	2.29	334
CAP142	9280183	1.70	1101 3-	Capacitor	0	0	0	0	6392	271	0	0.00	2.29	0
9280185	CAP142	1.91	1101 3-	336 ACSR 18/1	2481	2695	2245	186	6392	272	51	0.35	2.59	1460
9280186	9280185	2.01	1098 3-	336 ACSR 18/1	2815	2629	2180	186	6348	271	51	0.15	2.72	623
9280158	9280186	2.07	1092 3-	336 ACSR 18/1	2767	2582	2135	186	6300	269	51	0.11	2.82	454
9280169	9280158	2.11	1091 3-	336 ACSR 18/1	2746	2561	2114	186	6288	269	51	0.05	2.86	210
9280170	9280169	2.14	1090 3-	336 ACSR 18/1	2722	2537	2092	186	6282	268	51	0.06	2.91	236
9280118	9280170	2.17	86 3-	2 ACSR 6/1	2692	2505	2064	185	532	22	13	0.02	2.93	9
D09-28-P170	9280118	2.17	86 3-	REC-35-L	2692	2505	2064	185	532	22	66	0.00	2.93	0
9280159	D09-28-P170	2.30	86 3-	2 ACSR 6/1	2547	2354	1938	184	532	22	13	0.08	3.00	45
9280160	9280159	2.47	85 3-	2 ACSR 6/1	2381	2184	1799	183	531	22	13	0.10	3.09	56
9180038	9280160	2.57	23 1-	2 ACSR 6/1	0	0	1724	182	156	20	11	0.06	3.69	7
9280197	9180038	2.61	1 1-	2 ACSR 6/1	0	0	1694	182	10	1	1	0.00	3.69	0
9280198	9280197	2.65	1 1-	2 ACSR 6/1	0	0	1666	182	10	1	1	0.00	3.69	0
9280193	9180038	2.65	22 1-	2 ACSR 6/1	0	0	1667	182	146	18	10	0.04	3.73	5
9280204	9280193	2.68	11 1-	2 ACSR 6/1	0	0	1645	181	63	8	5	0.01	3.74	0
9280146	9280204	2.74	9 1-	2 ACSR 6/1	0	0	1604	181	52	6	4	0.01	3.75	0
9280147	9280146	2.79	6 1-	2 ACSR 6/1	0	0	1575	181	33	4	2	0.01	3.75	0
9280149	9280147	2.98	2 1-	2 ACSR 6/1	0	0	1464	179	18	2	1	0.01	3.76	0
9280148	9280147	2.84	3 1-	2 ACSR 6/1	0	0	1545	180	11	1	1	0.00	3.75	0
9280187	9280193	2.69	11 1-	2 ACSR 6/1	0	0	1638	181	83	10	6	0.01	3.74	0
9280196	9280187	2.72	10 1-	2 ACSR 6/1	0	0	1618	181	73	9	5	0.01	3.75	0
9280195	9280196	2.81	4 1-	2 ACSR 6/1	0	0	1559	180	23	2	2	0.01	3.76	0
9280207	9280195	2.84	2 1-	2 ACSR 6/1	0	0	1545	180	14	1	1	0.00	3.76	0
9280203	9280207	2.95	1 1-	2 ACSR 6/1	0	0	1477	179	9	1	1	0.00	3.76	0
9280194	9280196	2.76	4 1-	2 ACSR 6/1	0	0	1592	181	30	3	2	0.00	3.75	0
9280200	9280194	2.81	3 1-	2 ACSR 6/1	0	0	1560	180	20	2	1	0.00	3.76	0
9280199	9280200	2.86	1 1-	2 ACSR 6/1	0	0	1530	180	6	0	0	0.00	3.76	0
9180039	9280160	2.56	61 3-	2 ACSR 6/1	2294	2098	1728	182	372	16	9	0.00	3.12	19
9180040	9180039	2.61	61 3-	2 ACSR 6/1	2249	2052	1691	182	372	16	9	0.00	3.14	10
9180051	9180040	2.69	59 3-	2 ACSR 6/1	2183	1986	1639	181	355	15	9	0.00	3.17	15
9180050	9180051	2.75	8 1-	2 ACSR 6/1	0	0	1600	181	54	7	4	0.01	4.41	0
9180084	9180050	2.81	5 1-	2 ACSR 6/1	0	0	1559	180	40	5	3	0.01	4.42	0
9180071	9180084	2.88	4 1-	2 ACSR 6/1	0	0	1520	180	32	4	2	0.00	4.43	0
9180092	9180071	2.99	1 1-	2 ACSR 6/1	0	0	1460	179	7	0	1	0.00	4.43	0
9180041	9180051	2.77	31 1-	2 ACSR 6/1	0	0	1590	181	177	23	13	0.05	4.45	7
9180072	9180041	2.85	31 1-	2 ACSR 6/1	0	0	1539	180	177	23	13	0.05	4.50	7
9180085	9180072	2.94	30 1-	2 ACSR 6/1	0	0	1484	179	162	21	12	0.05	4.56	7
9180086	9180085	3.03	29 1-	2 ACSR 6/1	0	0	1437	179	151	19	11	0.05	4.61	6
9180067	9180086	3.15	27 1-	2 ACSR 6/1	0	0	1373	178	130	16	9	0.06	4.67	6
9180090	9180067	3.20	2 1-	2 ACSR 6/1	0	0	1349	177	7	0	1	0.00	4.67	0
9180077	9180067	3.21	22 1-	2 ACSR 6/1	0	0	1344	177	97	12	7	0.02	4.69	2
9180078	9180077	3.26	20 1-	2 ACSR 6/1	0	0	1322	177	92	11	7	0.02	4.70	1
D09-18-P033	9180078	3.26	14 1-	REC-25-H	0	0	1322	177	68	8	35	0.00	4.70	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9180080	D09-18-P033	3.44	14 1-	2 ACSR 6/1	0	0	1246	176	68	8	5	0.04	4.75	2
9180081	9180080	3.62	13 1-	2 ACSR 6/1	0	0	1175	174	68	8	5	0.05	4.79	3
9180061	9180081	3.64	6 1-	2 ACSR 6/1	0	0	1169	174	27	3	2	0.00	4.79	0
9180070	9180061	3.70	4 1-	2 ACSR 6/1	0	0	1146	174	19	2	1	0.00	4.80	0
9180074	9180070	3.74	3 1-	2 ACSR 6/1	0	0	1133	174	14	1	1	0.00	4.80	0
9180075	9180074	3.76	1 1-	2 ACSR 6/1	0	0	1125	173	5	0	0	0.00	4.80	0
9180073	9180074	3.78	2 1-	2 ACSR 6/1	0	0	1118	173	9	1	1	0.00	4.80	0
9180069	9180061	3.66	2 1-	2 ACSR 6/1	0	0	1159	174	8	1	1	0.00	4.80	0
9180065	9180081	3.76	7 1-	2 ACSR 6/1	0	0	1124	173	40	5	3	0.02	4.81	0
9080032	9180065	3.88	2 1-	2 ACSR 6/1	0	0	1087	173	5	0	0	0.00	4.81	0
9180064	9080032	4.01	1 1-	2 ACSR 6/1	0	0	1046	172	4	0	0	0.00	4.82	0
9080031	9180065	3.83	1 1-	2 ACSR 6/1	0	0	1101	173	14	1	1	0.00	4.81	0
9080030	9180065	3.84	3 1-	2 ACSR 6/1	0	0	1098	173	11	1	1	0.00	4.82	0
9080018	9080030	3.94	2 1-	2 ACSR 6/1	0	0	1068	172	4	0	0	0.00	4.82	0
9080017	9080030	3.91	1 1-	2 ACSR 6/1	0	0	1078	172	7	0	1	0.00	4.82	0
9180079	9180078	3.31	4 1-	2 ACSR 6/1	0	0	1299	177	18	2	1	0.00	4.71	0
9180068	9180079	3.37	1 1-	2 ACSR 6/1	0	0	1275	176	4	0	0	0.00	4.71	0
9180095	9180068	3.54	0 1-	2 ACSR 6/1	0	0	1206	175	0	0	0	0.00	4.71	0
9180093	9180067	3.17	3 1-	2 ACSR 6/1	0	0	1363	178	25	3	2	0.00	4.67	0
9180094	9180093	3.23	2 1-	2 ACSR 6/1	0	0	1337	177	15	2	1	0.00	4.67	0
9180096	9180094	3.32	1 1-	2 ACSR 6/1	0	0	1297	177	9	1	1	0.00	4.67	0
9180066	9180086	3.10	1 1-	2 ACSR 6/1	0	0	1400	178	6	0	0	0.00	4.61	0
9180052	9180051	2.79	19 3-	2 ACSR 6/1	2104	1909	1576	181	113	4	3	0.03	3.18	2
9180053	9180052	2.86	19 3-	2 ACSR 6/1	2048	1854	1532	180	113	4	3	0.02	3.19	2
9180057	9180053	2.92	19 3-	2 ACSR 6/1	2000	1807	1495	180	113	4	3	0.02	3.20	1
9180056	9180057	2.97	3 1-	2 ACSR 6/1	0	0	1469	179	21	2	2	0.00	4.43	0
9180049	9180056	3.05	1 1-	2 ACSR 6/1	0	0	1425	179	12	1	1	0.00	4.44	0
9180082	9180049	3.11	0 1-	2 ACSR 6/1	0	0	1392	178	0	0	0	0.00	4.44	0
9180083	9180082	3.18	0 1-	2 ACSR 6/1	0	0	1361	178	0	0	0	0.00	4.44	0
9180076	9180049	3.10	1 1-	2 ACSR 6/1	0	0	1399	178	12	1	1	0.00	4.44	0
9180055	9180057	2.97	13 1-	2 ACSR 6/1	0	0	1467	179	83	10	6	0.01	3.72	0
9180042	9180055	3.02	12 1-	2 ACSR 6/1	0	0	1440	179	73	9	5	0.01	3.73	0
9180044	9180042	3.08	10 1-	2 ACSR 6/1	0	0	1410	178	64	8	5	0.01	3.75	0
9180045	9180044	3.13	10 1-	2 ACSR 6/1	0	0	1385	178	64	8	5	0.01	3.76	0
9180046	9180045	3.16	10 1-	2 ACSR 6/1	0	0	1369	178	64	8	5	0.01	3.77	0
9180047	9180046	3.20	10 1-	2 ACSR 6/1	0	0	1350	177	64	8	5	0.01	3.78	0
9180060	9180047	3.33	8 1-	2 ACSR 6/1	0	0	1293	177	46	5	3	0.02	3.79	0
9280105	9180060	3.35	6 1-	2 ACSR 6/1	0	0	1280	176	31	4	2	0.00	3.80	0
9280106	9280105	3.40	5 1-	2 ACSR 6/1	0	0	1263	176	22	2	2	0.00	3.80	0
9280116	9280106	3.43	4 1-	2 ACSR 6/1	0	0	1247	176	21	2	1	0.00	3.80	0
9280117	9280116	3.58	1 1-	2 ACSR 6/1	0	0	1189	175	5	0	0	0.00	3.80	0
9180048	9180047	3.24	2 1-	2 ACSR 6/1	0	0	1330	177	19	2	1	0.00	3.78	0
9180043	9180042	3.06	0 1-	2 ACSR 6/1	0	0	1417	179	0	0	0	0.00	3.73	0
9180054	9180057	2.96	2 1-	2 ACSR 6/1	0	0	1476	179	3	0	0	0.00	3.71	0
9280103	9280170	2.44	754 3-	336 ACSR 18/1	2536	2353	1917	185	4272	182	35	0.32	3.20	910
9290080	9280103	2.59	649 3-	336 ACSR 18/1	2453	2272	1841	185	3636	155	29	0.12	3.32	326
9290082	9290080	2.67	2 1-	2 ACSR 6/1	0	0	1780	184	11	1	1	0.00	3.87	0
9290081	9290080	2.62	647 3-	336 ACSR 18/1	2441	2260	1830	185	3621	155	29	0.02	3.34	50
D09-29-P095	9290081	2.62	647 3-	REC-100-L	2441	2260	1830	185	3621	155	155	0.00	3.34	0
9290083	D09-29-P095	2.64	647 3-	336 ACSR 18/1	2428	2247	1818	184	3621	155	29	0.02	3.36	51
9290086	9290083	2.73	637 3-	336 ACSR 18/1	2385	2205	1779	184	3563	152	29	0.06	3.42	176
9290087	9290086	2.78	6 1-	2 ACSR 6/1	0	0	1739	184	55	7	4	0.01	1.96	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9290101	9290087	2.81	2 1-	2 ACSR 6/1	0	0	1716	184	18	2	1	0.00	1.96	0
9290060	9290087	2.81	1 1-	2 ACSR 6/1	0	0	1718	184	10	1	1	0.00	1.96	0
9290043	9290087	3.07	3 1-	2 ACSR 6/1	0	0	1550	182	27	3	2	0.02	1.98	0
9290098	9290043	3.14	2 1-	2 ACSR 6/1	0	0	1514	181	15	1	1	0.00	1.98	0
9290099	9290098	3.19	2 1-	2 ACSR 6/1	0	0	1484	181	15	1	1	0.00	1.99	0
9290100	9290099	3.24	1 1-	2 ACSR 6/1	0	0	1459	180	7	0	0	0.00	1.99	0
9290095	9290100	3.28	0 1-	2 ACSR 6/1	0	0	1435	180	0	0	0	0.00	1.99	0
9290097	9290099	3.26	1 1-	2 ACSR 6/1	0	0	1447	180	8	1	1	0.00	1.99	0
9290096	9290043	3.26	0 1-	2 ACSR 6/1	0	0	1445	180	0	0	0	0.00	1.98	0
9290106	9290096	3.36	0 1-	2 ACSR 6/1	0	0	1397	179	0	0	0	0.00	1.98	0
9190179	9290106	3.39	0 1-	2 ACSR 6/1	0	0	1383	179	0	0	0	0.00	1.98	0
9290085	9290086	2.78	630 3-	336 ACSR 18/1	2358	2179	1755	184	3496	150	28	0.04	3.46	107
9290064	9290085	2.80	630 3-	336 ACSR 18/1	2348	2169	1746	184	3495	150	28	0.02	3.48	42
9290066	9290064	2.85	629 3-	336 ACSR 18/1	2321	2143	1722	184	3486	149	28	0.04	3.52	110
9290067	9290066	2.92	626 3-	336 ACSR 18/1	2288	2111	1693	184	3468	149	28	0.05	3.57	138
9290068	9290067	3.03	623 3-	336 ACSR 18/1	2238	2063	1649	184	3446	148	28	0.08	3.65	212
9290069	9290068	3.08	1 1-	2 ACSR 6/1	0	0	1616	183	11	1	1	0.00	4.19	0
9290042	9290068	3.15	622 3-	336 ACSR 18/1	2185	2011	1603	183	3434	147	28	0.08	3.74	239
09-29-P027-B	9290042	3.15	622 3-	Closed	2185	2011	1603	183	3431	147	0	0.00	3.74	0
09-29-P027-A	09-29-P027-B	3.15	622 3-	Closed	2185	2011	1603	183	3431	147	0	0.00	3.74	0
9290072	09-29-P027-A	3.24	622 3-	336 ACSR 18/1	2150	1978	1573	183	3431	147	28	0.06	3.81	161
D09-29-P028	9290072	3.24	29 1-	SEC-100-GH	0	0	1573	183	146	19	0	0.00	4.33	0
9290044	D09-29-P028	3.43	29 1-	2 ACSR 6/1	0	0	1467	182	146	19	11	0.10	4.43	12
9290075	9290044	3.52	27 1-	2 ACSR 6/1	0	0	1420	181	127	16	9	0.04	4.48	4
9290074	9290075	3.58	1 1-	2 ACSR 6/1	0	0	1392	180	11	1	1	0.00	4.48	0
9290053	9290075	3.62	20 1-	2 ACSR 6/1	0	0	1375	180	81	10	6	0.03	4.50	2
9390077	9290053	3.65	19 1-	2 ACSR 6/1	0	0	1359	180	78	10	6	0.01	4.51	0
9390078	9390077	3.70	18 1-	2 ACSR 6/1	0	0	1339	180	68	8	5	0.01	4.52	0
9390079	9390078	3.74	17 1-	2 ACSR 6/1	0	0	1321	179	65	8	5	0.01	4.53	0
9390080	9390079	3.78	4 1-	2 ACSR 6/1	0	0	1301	179	28	3	2	0.00	4.54	0
9390088	9390080	3.83	2 1-	2 ACSR 6/1	0	0	1283	179	11	1	1	0.00	4.54	0
9390081	9390079	3.78	10 1-	2 ACSR 6/1	0	0	1301	179	24	3	2	0.00	4.54	0
9390082	9390081	3.83	10 1-	2 ACSR 6/1	0	0	1280	179	24	3	2	0.00	4.54	0
9390093	9390082	3.90	5 1-	2 ACSR 6/1	0	0	1253	178	9	1	1	0.00	4.54	0
9390094	9390093	3.98	2 1-	2 ACSR 6/1	0	0	1222	177	3	0	0	0.00	4.54	0
9290052	9290075	3.63	3 1-	2 ACSR 6/1	0	0	1371	180	17	2	1	0.00	4.48	0
9390112	9290052	3.76	1 1-	2 ACSR 6/1	0	0	1310	179	7	0	0	0.00	4.48	0
9290073	9290044	3.50	2 1-	2 ACSR 6/1	0	0	1433	181	19	2	1	0.00	4.44	0
9290071	9290072	3.32	575 3-	1/0 ACSR 6/1	2099	1927	1532	183	3167	136	59	0.15	3.97	442
9290058	9290071	3.36	574 3-	1/0 ACSR 6/1	2075	1903	1513	182	3154	135	59	0.07	4.05	213
9290059	9290058	3.52	573 3-	1/0 ACSR 6/1	1983	1813	1441	182	3149	135	59	0.29	4.37	848
10220046	9290059	3.57	573 3-	1/0 ACSR 6/1	1952	1783	1417	181	3141	135	59	0.10	4.48	298
10220047	10220046	3.66	1 1-	2 ACSR 6/1	0	0	1376	181	2	0	0	0.00	4.95	0
10220070	10220047	3.79	1 1-	15 KV 2 URD XLP	0	0	1326	424	2	0	0	0.00	4.95	0
REG144	10220046	3.57	572 3-	REGU-167	0	0	0	0	3136	135	62	-4.95	0.00	0
10220055	REG144	3.80	572 3-	1/0 ACSR 6/1	1838	1672	1329	180	3136	130	57	0.39	0.43	1105
10220052	10220055	3.87	571 3-	1/0 ACSR 6/1	1803	1638	1303	180	3121	130	57	0.13	0.57	361
10220095	10220052	4.01	569 3-	1/0 ACSR 6/1	1740	1578	1255	179	3113	130	57	0.24	0.83	676
10320176	10220095	4.05	52 1-	2 ACSR 6/1	0	0	1241	179	279	35	20	0.04	1.01	8
10220056	10320176	4.07	51 1-	2 ACSR 6/1	0	0	1233	179	277	35	20	0.02	1.03	5
10220053	10220056	4.11	50 1-	2 ACSR 6/1	0	0	1219	178	274	34	19	0.04	1.07	8
D10-22-P010	10220053	4.11	50 1-	REC-50-L	0	0	1219	178	274	34	70	0.00	1.07	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10220057	D10-22-P010	4.14	50 1-	2 ACSR 6/1	0	0	1207	178	274	34	19	0.03	1.10	7
10220078	10220057	4.24	45 1-	2 ACSR 6/1	0	0	1171	177	249	31	18	0.09	1.19	18
10220079	10220078	4.29	44 1-	2 ACSR 6/1	0	0	1155	177	243	30	17	0.04	1.23	8
10220081	10220079	4.40	42 1-	2 ACSR 6/1	0	0	1120	176	230	29	16	0.09	1.32	16
10220071	10220081	4.47	2 1-	2 ACSR 6/1	0	0	1096	176	20	2	1	0.01	1.33	0
10220073	10220071	4.50	1 1-	2 ACSR 6/1	0	0	1088	175	10	1	1	0.00	1.33	0
10220072	10220071	4.55	1 1-	2 ACSR 6/1	0	0	1071	175	9	1	1	0.00	1.33	0
10220074	10220081	4.49	39 1-	2 ACSR 6/1	0	0	1091	175	206	26	15	0.07	1.39	11
10220076	10220074	4.57	36 1-	2 ACSR 6/1	0	0	1066	175	195	24	14	0.06	1.45	9
10220082	10220076	4.65	35 1-	2 ACSR 6/1	0	0	1043	174	190	24	13	0.05	1.51	8
10220084	10220082	4.73	33 1-	2 ACSR 6/1	0	0	1021	174	183	23	13	0.05	1.56	7
10220085	10220084	4.83	32 1-	2 ACSR 6/1	0	0	995	173	176	22	12	0.06	1.62	9
10220088	10220085	4.91	2 1-	2 ACSR 6/1	0	0	976	172	16	2	1	0.00	1.62	0
10220087	10220085	4.90	28 1-	2 ACSR 6/1	0	0	978	172	144	18	10	0.03	1.66	4
10220064	10220087	4.99	11 1-	2 ACSR 6/1	0	0	956	172	66	8	5	0.02	1.68	0
10220065	10220064	5.06	10 1-	2 ACSR 6/1	0	0	939	171	58	7	4	0.01	1.69	0
10220066	10220065	5.11	9 1-	2 ACSR 6/1	0	0	929	171	47	6	3	0.01	1.70	0
10220068	10220066	5.15	8 1-	2 ACSR 6/1	0	0	920	171	46	5	3	0.01	1.70	0
D10-22-P040	10220068	5.15	0 1-	SEC-50-GH	0	0	920	171	0	0	0	0.00	1.70	0
10220069	D10-22-P040	5.23	0 1-	2 ACSR 6/1	0	0	902	170	0	0	0	0.00	1.70	0
10230005	10220069	5.33	0 1-	2 ACSR 6/1	0	0	880	169	0	0	0	0.00	1.70	0
D10-22-P040A	10220068	5.15	7 1-	SEC-50-GH	0	0	920	171	40	5	0	0.00	1.70	0
10220060	D10-22-P040A	5.27	7 1-	2 ACSR 6/1	0	0	894	170	40	5	3	0.02	1.72	0
10230006	10220060	5.38	6 1-	2 ACSR 6/1	0	0	870	169	33	4	2	0.01	1.73	0
10130015	10230006	5.48	5 1-	2 ACSR 6/1	0	0	851	168	30	3	2	0.01	1.74	0
10130016	10130015	5.53	4 1-	2 ACSR 6/1	0	0	842	168	28	3	2	0.01	1.75	0
10130018	10130016	5.69	2 1-	2 ACSR 6/1	0	0	811	167	11	1	1	0.01	1.75	0
10130019	10130018	5.85	2 1-	2 ACSR 6/1	0	0	784	166	11	1	1	0.00	1.76	0
10130011	10130019	6.25	1 1-	2 ACSR 6/1	0	0	723	163	6	0	0	0.00	1.76	0
10130017	10130016	5.59	2 1-	2 ACSR 6/1	0	0	830	168	17	2	1	0.00	1.75	0
10220067	10220066	5.22	1 1-	2 ACSR 6/1	0	0	904	170	1	0	0	0.00	1.70	0
10220090	10220087	5.02	17 1-	2 ACSR 6/1	0	0	950	172	79	10	6	0.03	1.69	2
10220091	10220090	5.05	17 1-	2 ACSR 6/1	0	0	941	171	79	10	6	0.01	1.70	0
10220092	10220091	5.10	15 1-	2 ACSR 6/1	0	0	931	171	69	8	5	0.01	1.71	0
10220094	10220092	5.15	9 1-	2 ACSR 6/1	0	0	920	171	37	4	3	0.01	1.71	0
10220100	10220094	5.18	1 1-	2 ACSR 6/1	0	0	913	170	8	1	1	0.00	1.72	0
10220061	10220094	5.24	8 1-	2 ACSR 6/1	0	0	899	170	29	3	2	0.01	1.72	0
10220101	10220061	5.28	6 1-	2 ACSR 6/1	0	0	891	170	25	3	2	0.00	1.73	0
10220103	10220101	5.32	0 1-	2 ACSR 6/1	0	0	882	169	0	0	0	0.00	1.73	0
10220102	10220101	5.41	6 1-	2 ACSR 6/1	0	0	864	169	25	3	2	0.01	1.74	0
10220048	10220102	5.48	4 1-	2 ACSR 6/1	0	0	851	168	15	1	1	0.00	1.74	0
10220063	10220048	5.52	1 1-	2 ACSR 6/1	0	0	843	168	4	0	0	0.00	1.74	0
10220051	10220048	5.64	3 1-	2 ACSR 6/1	0	0	821	167	11	1	1	0.00	1.75	0
10120083	10220051	5.70	1 1-	2 ACSR 6/1	0	0	810	167	2	0	0	0.00	1.75	0
10120084	10120083	6.01	0 1-	2 ACSR 6/1	0	0	759	165	0	0	0	0.00	1.75	0
10-12-P036-A	10120084	6.01	0 1-	Open	0	0	759	165	0	0	0	0.00	1.75	0
10220062	10220102	5.47	2 1-	2 ACSR 6/1	0	0	853	168	9	1	1	0.00	1.74	0
10220093	10220092	5.15	3 1-	2 ACSR 6/1	0	0	919	171	19	2	1	0.00	1.71	0
10220086	10220085	4.89	1 1-	2 ACSR 6/1	0	0	981	173	5	0	0	0.00	1.62	0
10220049	10220086	4.95	0 1-	2 ACSR 6/1	0	0	965	172	0	0	0	0.00	1.62	0
10220089	10220086	4.93	1 1-	2 ACSR 6/1	0	0	969	172	5	0	0	0.00	1.62	0
10220083	10220082	4.73	1 1-	2 ACSR 6/1	0	0	1021	174	6	0	0	0.00	1.51	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10220075	10220074	4.59	1 1-	2 ACSR 6/1	0	0	1061	175	8	1	1	0.00	1.39	0
10220080	10220079	4.35	1 1-	2 ACSR 6/1	0	0	1135	176	10	1	1	0.00	1.24	0
10220058	10220057	4.17	4 1-	2 ACSR 6/1	0	0	1196	178	14	1	1	0.00	1.10	0
10220059	10220058	4.26	2 1-	2 ACSR 6/1	0	0	1163	177	8	0	1	0.00	1.11	0
10220077	10220059	4.30	1 1-	2 ACSR 6/1	0	0	1152	177	7	0	1	0.00	1.11	0
10320164	10220095	4.07	516 3-	1/0 ACSR 6/1	1716	1555	1237	179	2827	118	52	0.09	0.93	223
10320166	10320164	4.13	514 3-	1/0 ACSR 6/1	1690	1530	1217	178	2820	118	51	0.10	1.04	255
10320167	10320166	4.19	4 1-	2 ACSR 6/1	0	0	1197	178	12	1	1	0.00	1.15	0
10320165	10320166	4.20	508 3-	1/0 ACSR 6/1	1660	1502	1195	178	2789	117	51	0.11	1.16	283
10320153	10320165	4.27	502 3-	1/0 ACSR 6/1	1634	1476	1175	178	2751	115	50	0.10	1.27	260
10320154	10320153	4.31	500 3-	1/0 ACSR 6/1	1617	1460	1163	177	2745	115	50	0.06	1.34	165
10320086	10320154	4.41	499 3-	1/0 ACSR 6/1	1579	1424	1135	177	2740	115	50	0.15	1.51	392
CAP145	10320086	4.41	499 3-	Capacitor	0	0	0	0	2736	115	0	0.00	1.51	0
10320090	CAP145	4.65	410 3-	1/0 ACSR 6/1	1496	1346	1074	176	2304	97	42	0.36	1.85	637
10320091	10320090	4.74	407 3-	1/0 ACSR 6/1	1465	1317	1051	175	2278	96	42	0.14	1.99	257
10320158	10320091	4.80	3 1-	2 ACSR 6/1	0	0	1035	175	11	1	1	0.00	2.08	0
10320159	10320158	4.86	3 1-	2 ACSR 6/1	0	0	1019	174	11	1	1	0.00	2.08	0
10320149	10320091	4.83	404 3-	1/0 ACSR 6/1	1437	1290	1030	175	2264	96	42	0.13	2.12	238
10330080	10320149	4.89	2 1-	2 ACSR 6/1	0	0	1014	174	10	1	1	0.00	2.21	0
10330081	10330080	5.00	1 1-	2 ACSR 6/1	0	0	986	174	2	0	0	0.00	2.21	0
10330079	10320149	4.89	401 3-	1/0 ACSR 6/1	1419	1274	1017	174	2247	95	42	0.08	2.20	148
10330068	10330079	4.94	400 3-	1/0 ACSR 6/1	1405	1260	1007	174	2237	95	41	0.07	2.27	123
10330078	10330068	4.97	1 1-	2 ACSR 6/1	0	0	998	174	0	0	0	0.00	2.36	0
10330069	10330068	4.97	1 1-	2 ACSR 6/1	0	0	999	174	6	0	0	0.00	2.18	0
10330067	10330068	5.00	397 3-	1/0 ACSR 6/1	1386	1242	993	174	2223	94	41	0.09	2.36	165
10330043	10330067	5.15	394 3-	1/0 ACSR 6/1	1343	1202	961	173	2201	93	41	0.22	2.58	384
10330091	10330043	5.21	2 1-	2 ACSR 6/1	0	0	948	173	5	0	0	0.00	2.49	0
10330092	10330091	5.39	2 1-	2 ACSR 6/1	0	0	909	171	5	0	0	0.00	2.49	0
10330090	10330043	5.31	1 1-	2 ACSR 6/1	0	0	925	172	1	0	0	0.00	2.66	0
10330093	10330043	5.25	391 3-	1/0 ACSR 6/1	1318	1179	943	173	2192	93	41	0.13	2.71	233
10330105	10330093	5.40	389 3-	1/0 ACSR 6/1	1278	1141	914	172	2172	92	40	0.22	2.92	384
10330107	10330105	5.58	1 1-	2 ACSR 6/1	0	0	878	171	6	0	0	0.00	2.84	0
10330106	10330105	5.49	388 3-	1/0 ACSR 6/1	1257	1122	899	171	2162	92	40	0.12	3.04	209
10330095	10330106	5.61	387 3-	1/0 ACSR 6/1	1229	1096	879	171	2160	92	40	0.16	3.21	289
10330044	10330095	5.66	384 3-	1/0 ACSR 6/1	1216	1084	869	171	2151	92	40	0.08	3.28	138
10330045	10330044	5.73	16 1-	2 ACSR 6/1	0	0	857	170	77	9	6	0.02	3.22	1
10330098	10330045	5.86	2 1-	2 ACSR 6/1	0	0	832	169	7	0	1	0.00	3.22	0
10330083	10330098	5.92	1 1-	2 ACSR 6/1	0	0	822	169	4	0	0	0.00	3.22	0
10330084	10330045	5.85	14 1-	2 ACSR 6/1	0	0	835	169	70	9	5	0.03	3.24	2
10330101	10330084	6.00	13 1-	2 ACSR 6/1	0	0	808	168	68	8	5	0.04	3.28	2
10430088	10330101	6.07	12 1-	2 ACSR 6/1	0	0	796	168	59	7	4	0.01	3.30	0
10430091	10430088	6.17	3 1-	2 ACSR 6/1	0	0	779	167	28	3	2	0.01	3.30	0
10430090	10430088	6.10	1 1-	2 ACSR 6/1	0	0	790	168	0	0	0	0.00	3.30	0
10430089	10430088	6.15	2 1-	2 ACSR 6/1	0	0	783	167	5	0	0	0.00	3.30	0
10430087	10430088	6.29	4 1-	2 ACSR 6/1	0	0	761	166	23	2	2	0.02	3.31	0
10330085	10430087	6.30	3 1-	2 ACSR 6/1	0	0	759	166	19	2	1	0.00	3.31	0
10330086	10330085	6.63	3 1-	2 ACSR 6/1	0	0	712	164	19	2	1	0.02	3.33	0
10340045	10330086	6.67	2 1-	2 ACSR 6/1	0	0	706	164	9	1	1	0.00	3.33	0
10330100	10330044	5.78	368 3-	1/0 ACSR 6/1	1191	1061	851	170	2073	88	39	0.13	3.43	254
10430085	10330100	5.83	2 1-	2 ACSR 6/1	0	0	841	170	15	1	1	0.00	3.50	0
10430086	10330100	5.78	364 3-	2 ACSR 6/1	1189	1059	850	170	2041	87	49	0.02	3.45	31
10-43-P029-A	10430086	5.78	364 3-	Closed	1189	1059	850	170	2040	87	0	0.00	3.45	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10-43-P029-B	10-43-P029-A	5.78	364 3-	Closed	1189	1059	850	170	2040	87	0	0.00	3.45	0
10430050	10-43-P029-B	5.82	364 3-	1/0 ACSR 6/1	1181	1052	844	170	2040	87	38	0.04	3.49	75
10430045	10430050	5.88	364 3-	1/0 ACSR 6/1	1167	1039	834	169	2040	87	38	0.08	3.58	143
D10-43-P288	10430045	5.88	7 1-	REC-15-H	0	0	834	169	17	2	15	0.00	3.46	0
10430044	D10-43-P288	6.07	7 1-	2 ACSR 6/1	0	0	801	168	17	2	1	0.01	3.47	0
10430052	10430044	6.45	6 1-	2 ACSR 6/1	0	0	743	166	13	1	1	0.01	3.48	0
10430046	10430044	6.16	1 1-	2 ACSR 6/1	0	0	786	168	4	0	0	0.00	3.47	0
10-43-P043-B	10430046	6.16	1 1-	Closed	0	0	786	168	4	0	0	0.00	3.47	0
10-43-P043-A	10-43-P043-B	6.16	1 1-	Closed	0	0	786	168	4	0	0	0.00	3.47	0
10430048	10-43-P043-A	6.19	1 1-	2 ACSR 6/1	0	0	782	167	4	0	0	0.00	3.47	0
10430053	10430048	6.49	1 1-	2 ACSR 6/1	0	0	736	165	4	0	0	0.00	3.48	0
10430049	10430048	6.20	0 1-	2 ACSR 6/1	0	0	780	167	0	0	0	0.00	3.47	0
10430097	10430045	5.92	357 3-	1/0 ACSR 6/1	1160	1033	829	169	2021	86	38	0.04	3.62	73
10430098	10430097	6.00	357 3-	1/0 ACSR 6/1	1143	1017	817	169	2020	86	38	0.09	3.73	180
10430057	10430098	6.25	356 3-	1/0 ACSR 6/1	1095	972	782	168	2017	86	38	0.28	4.05	540
10430059	10430057	6.34	355 3-	1/0 ACSR 6/1	1078	957	770	167	2008	86	38	0.10	4.17	197
10430060	10430059	6.37	348 3-	1/0 ACSR 6/1	1073	953	767	167	1908	82	36	0.03	4.20	53
10430066	10430060	6.40	345 3-	1/0 ACSR 6/1	1067	947	763	167	1901	82	36	0.03	4.24	62
D10-43-P086	10430066	6.40	342 3-	REC-100-4H	1067	947	763	167	1890	81	82	0.00	4.24	0
10430067	D10-43-P086	6.45	342 3-	1/0 ACSR 6/1	1059	940	757	167	1890	81	35	0.05	4.29	87
10430068	10430067	6.51	1 1-	2 ACSR 6/1	0	0	747	166	9	1	1	0.00	4.09	0
10430063	10430067	6.51	334 3-	1/0 ACSR 6/1	1049	930	749	166	1853	80	35	0.06	4.36	113
10430065	10430063	6.56	332 3-	1/0 ACSR 6/1	1039	922	743	166	1842	79	35	0.06	4.43	99
10430062	10430065	6.64	1 1-	2 ACSR 6/1	0	0	732	166	2	0	0	0.00	4.21	0
10430061	10430065	6.64	330 3-	1/0 ACSR 6/1	1027	910	734	166	1835	79	34	0.08	4.52	136
10430064	10430061	6.73	3 1-	2 ACSR 6/1	0	0	720	165	17	2	1	0.01	4.29	0
10430084	10430064	6.91	2 1-	2 ACSR 6/1	0	0	697	164	13	1	1	0.00	4.29	0
10430056	10430061	6.72	307 3-	1/0 ACSR 6/1	1013	898	724	165	1689	73	32	0.08	4.60	122
10420134	10430056	6.78	1 1-	2 ACSR 6/1	0	0	716	165	2	0	0	0.00	4.37	0
10420133	10430056	6.77	299 3-	1/0 ACSR 6/1	1006	891	719	165	1666	72	31	0.05	4.65	73
10420085	10420133	6.81	298 3-	1/0 ACSR 6/1	999	885	714	165	1662	71	31	0.04	4.70	65
10420146	10420085	6.88	6 3-	1/0 ACSR 6/1	989	876	707	165	18	0	0	0.00	4.70	0
10420147	10420146	6.92	0 3-	1/0 ACSR 6/1	982	870	702	165	0	0	0	0.00	4.70	0
10420149	10420085	6.87	1 1-	2 ACSR 6/1	0	0	706	165	3	0	0	0.00	4.80	0
10420089	10420085	6.86	5 1-	2 ACSR 6/1	0	0	708	165	34	4	2	0.01	4.47	0
10420096	10420089	6.88	2 1-	2 ACSR 6/1	0	0	705	165	25	3	2	0.00	4.47	0
10420090	10420089	6.93	3 1-	2 ACSR 6/1	0	0	698	164	9	1	1	0.00	4.47	0
10420091	10420090	7.01	2 1-	2 ACSR 6/1	0	0	688	164	5	0	0	0.00	4.47	0
10420087	10420085	6.87	3 1-	2 ACSR 6/1	0	0	706	165	17	2	1	0.00	4.46	0
10420088	10420087	6.91	2 1-	2 ACSR 6/1	0	0	701	164	5	0	0	0.00	4.46	0
10420076	10420088	6.98	1 1-	2 ACSR 6/1	0	0	692	164	5	0	0	0.00	4.46	0
10420086	10420085	6.87	282 3-	1/0 ACSR 6/1	990	877	707	165	1587	68	30	0.05	4.75	77
10420097	10420086	6.90	0 1-	2 ACSR 6/1	0	0	703	165	0	0	0	0.00	4.86	0
10420098	10420097	7.05	0 1-	2 ACSR 6/1	0	0	685	164	0	0	0	0.00	4.86	0
10420100	10420086	6.93	282 3-	1/0 ACSR 6/1	981	869	701	164	1587	68	30	0.05	4.81	78
10420101	10420100	6.97	3 1-	2 ACSR 6/1	0	0	695	164	26	3	2	0.00	4.56	0
10420104	10420101	7.02	3 1-	2 ACSR 6/1	0	0	689	164	26	3	2	0.00	4.57	0
10420122	10420104	7.07	2 1-	2 ACSR 6/1	0	0	683	164	18	2	1	0.00	4.57	0
10420099	10420100	7.04	276 3-	1/0 ACSR 6/1	965	854	689	164	1537	66	29	0.09	4.92	142
10420068	10420099	7.48	276 3-	1/0 ACSR 6/1	904	798	646	162	1536	66	29	0.36	5.34	566
10420117	10420068	7.50	7 1-	2 ACSR 6/1	0	0	644	162	26	3	2	0.00	5.46	0
10420118	10420117	7.56	6 1-	2 ACSR 6/1	0	0	638	161	15	2	1	0.00	5.47	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10420119	10420118	7.59	2 1-	2 ACSR 6/1	0	0	634	161	6	0	0	0.00	5.47	0
10420120	10420068	7.54	269 3-	1/0 ACSR 6/1	896	791	641	162	1505	65	28	0.05	5.40	75
10420121	10420120	7.64	268 3-	1/0 ACSR 6/1	884	780	632	161	1500	65	28	0.08	5.49	120
CAP143	10420121	7.64	266 3-	Capacitor	0	0	0	0	1487	64	0	0.00	5.49	0
10420112	CAP143	7.68	27 1-	2 ACSR 6/1	0	0	628	161	171	22	13	0.02	5.63	3
10420142	10420112	7.74	1 1-	2 ACSR 6/1	0	0	621	161	8	1	1	0.00	5.63	0
10420114	10420112	7.74	21 1-	2 ACSR 6/1	0	0	621	161	141	18	10	0.03	5.67	4
10420116	10420114	7.78	0 1-	2 ACSR 6/1	0	0	618	160	0	0	0	0.00	5.67	0
10420115	10420114	7.79	20 1-	2 ACSR 6/1	0	0	616	160	135	17	10	0.03	5.69	3
10420148	10420115	7.81	3 1-	2 ACSR 6/1	0	0	614	160	18	2	1	0.00	5.69	0
10420150	10420148	7.86	2 1-	2 ACSR 6/1	0	0	610	160	13	1	1	0.00	5.69	0
10420108	10420115	7.90	17 1-	2 ACSR 6/1	0	0	605	159	116	15	9	0.04	5.73	4
10420107	10420108	7.97	11 1-	2 ACSR 6/1	0	0	599	159	68	8	5	0.02	5.75	0
10420071	10420107	8.02	9 1-	2 ACSR 6/1	0	0	594	159	54	7	4	0.01	5.76	0
10420072	10420071	8.07	4 1-	2 ACSR 6/1	0	0	589	158	36	4	3	0.00	5.76	0
10420073	10420072	8.10	1 1-	2 ACSR 6/1	0	0	586	158	15	1	1	0.00	5.76	0
10420123	10420108	7.93	3 1-	2 ACSR 6/1	0	0	602	159	26	3	2	0.00	5.74	0
10420125	10420123	7.98	2 1-	2 ACSR 6/1	0	0	598	159	20	2	1	0.00	5.74	0
10420113	10420112	7.72	3 1-	2 ACSR 6/1	0	0	623	161	11	1	1	0.00	5.63	0
10420110	CAP143	7.74	1 1-	2 ACSR 6/1	0	0	622	161	7	0	1	0.00	5.15	0
10420111	10420110	7.79	0 1-	2 ACSR 6/1	0	0	617	160	0	0	0	0.00	5.15	0
10420109	CAP143	7.72	238 3-	1/0 ACSR 6/1	874	771	625	161	1309	57	25	0.09	5.57	82
10420074	10420109	7.76	1 1-	2 ACSR 6/1	0	0	621	161	6	0	0	0.00	5.24	0
10420067	10420109	7.86	237 3-	1/0 ACSR 6/1	858	757	614	160	1302	57	25	0.14	5.68	127
10520084	10420067	7.89	206 3-	1/0 ACSR 6/1	854	753	611	160	1126	49	22	0.02	5.71	26
10520083	10520084	7.94	204 3-	1/0 ACSR 6/1	848	748	607	160	1107	48	21	0.03	5.75	36
10520093	10520083	8.03	201 3-	1/0 ACSR 6/1	838	739	599	159	1068	47	20	0.05	5.81	65
10520097	10520093	8.15	4 1-	2 ACSR 6/1	0	0	589	159	16	2	1	0.01	5.82	0
10520098	10520097	8.22	3 1-	2 ACSR 6/1	0	0	582	158	13	1	1	0.00	5.82	0
10520099	10520098	8.26	0 1-	2 ACSR 6/1	0	0	579	158	0	0	0	0.00	5.82	0
10520094	10520093	8.08	1 1-	2 ACSR 6/1	0	0	595	159	6	0	0	0.00	5.48	0
10520081	10520093	8.08	2 1-	2 ACSR 6/1	0	0	594	159	8	1	1	0.00	5.82	0
10520080	10520093	8.10	193 3-	1/0 ACSR 6/1	831	732	594	159	1035	45	20	0.04	5.86	45
10-52-P010-A	10520080	8.10	193 3-	Closed	831	732	594	159	1034	45	0	0.00	5.86	0
10-52-P010-B	10-52-P010-A	8.10	193 3-	Closed	831	732	594	159	1034	45	0	0.00	5.86	0
D10-52-P010	10-52-P010-B	8.10	193 3-	REC-50-4H	831	732	594	159	1034	45	91	0.00	5.86	0
10520117	D10-52-P010	8.14	193 3-	1/0 ACSR 6/1	826	728	591	159	1034	45	20	0.02	5.89	26
10520103	10520117	8.21	188 3-	1/0 ACSR 6/1	819	722	586	159	1001	44	19	0.04	5.94	42
10520105	10520103	8.27	187 3-	1/0 ACSR 6/1	813	716	581	158	992	43	19	0.04	5.98	37
10520106	10520105	8.33	185 3-	1/0 ACSR 6/1	806	710	576	158	965	42	19	0.04	6.02	38
10520107	10520106	8.42	1 1-	2 ACSR 6/1	0	0	569	158	7	0	1	0.00	5.66	0
10520073	10520107	8.47	0 1-	2 ACSR 6/1	0	0	565	157	0	0	0	0.00	5.66	0
10520108	10520107	8.51	1 1-	2 ACSR 6/1	0	0	561	157	7	0	1	0.00	5.66	0
10520109	10520106	8.41	181 3-	1/0 ACSR 6/1	798	703	571	158	948	41	18	0.04	6.07	40
10520110	10520109	8.47	180 3-	1/0 ACSR 6/1	792	697	567	157	940	41	18	0.03	6.11	34
10520064	10520110	8.56	175 3-	1/0 ACSR 6/1	783	690	560	157	900	39	17	0.05	6.16	41
10520065	10520064	8.64	170 3-	1/0 ACSR 6/1	776	683	555	157	876	38	17	0.04	6.21	36
10520071	10520065	8.69	40 1-	2 ACSR 6/1	0	0	551	156	266	35	20	0.05	6.09	10
D10-52-P162	10520071	8.69	38 1-	REC-35-H	0	0	551	156	257	34	97	0.00	6.09	0
10520072	D10-52-P162	8.85	38 1-	2 ACSR 6/1	0	0	538	155	257	34	19	0.15	6.24	32
10520059	10520072	8.92	32 1-	2 ACSR 6/1	0	0	532	155	227	30	17	0.06	6.31	11
10520060	10520059	8.97	30 1-	2 ACSR 6/1	0	0	529	155	211	27	16	0.04	6.35	7

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10520087	10520060	9.03	27 1-	2 ACSR 6/1	0	0	525	154	191	25	14	0.04	6.38	6
10520121	10520087	9.07	26 1-	2 ACSR 6/1	0	0	521	154	190	25	14	0.03	6.41	5
D10-52-P136	10520121	9.07	1 1-	FUS	0	0	521	154	9	1	28	0.00	6.41	0
10520124	D10-52-P136	9.14	1 1-	2 ACSR 6/1	0	0	516	154	9	1	1	0.00	6.42	0
10520122	10520124	9.28	0 1-	2 ACSR 6/1	0	0	507	153	0	0	0	0.00	6.42	0
10520123	10520122	9.46	0 1-	2 ACSR 6/1	0	0	494	152	0	0	0	0.00	6.42	0
10520120	10520121	9.12	21 1-	2 ACSR 6/1	0	0	518	154	155	20	11	0.02	6.44	3
10520095	10520120	9.20	18 1-	2 ACSR 6/1	0	0	512	153	136	17	10	0.04	6.48	4
10520090	10520095	9.27	13 1-	2 ACSR 6/1	0	0	507	153	93	12	7	0.02	6.50	2
10520085	10520090	9.31	11 1-	2 ACSR 6/1	0	0	505	153	68	9	5	0.01	6.51	0
10520086	10520085	9.33	6 1-	2 ACSR 6/1	0	0	503	152	43	5	3	0.00	6.51	0
10520096	10520086	9.36	3 1-	2 ACSR 6/1	0	0	501	152	17	2	1	0.00	6.52	0
10530007	10520096	9.45	0 1-	2 ACSR 6/1	0	0	495	152	0	0	0	0.00	6.52	0
10530008	10530007	9.53	0 1-	2 ACSR 6/1	0	0	490	151	0	0	0	0.00	6.52	0
10530005	10520096	9.41	3 1-	2 ACSR 6/1	0	0	498	152	17	2	1	0.00	6.52	0
10530006	10530005	9.44	2 1-	2 ACSR 6/1	0	0	496	152	13	1	1	0.00	6.52	0
10520061	10520086	9.38	2 1-	2 ACSR 6/1	0	0	500	152	18	2	1	0.00	6.52	0
10520091	10520090	9.39	2 1-	2 ACSR 6/1	0	0	499	152	25	3	2	0.01	6.51	0
10520092	10520091	9.43	1 1-	2 ACSR 6/1	0	0	497	152	11	1	1	0.00	6.51	0
10520088	10520095	9.24	2 1-	2 ACSR 6/1	0	0	509	153	19	2	1	0.00	6.48	0
10520089	10520088	9.29	1 1-	2 ACSR 6/1	0	0	506	153	9	1	1	0.00	6.48	0
10520119	10520121	9.16	4 1-	2 ACSR 6/1	0	0	515	154	26	3	2	0.00	6.42	0
10520057	10520072	8.90	5 1-	2 ACSR 6/1	0	0	534	155	20	2	1	0.00	6.25	0
10520058	10520077	8.94	2 1-	2 ACSR 6/1	0	0	531	155	11	1	1	0.00	6.25	0
10520066	10520065	8.71	129 3-	1/0 ACSR 6/1	769	676	550	156	607	26	12	0.06	6.24	26
10520069	10520066	8.77	127 3-	1/0 ACSR 6/1	763	672	546	156	595	26	11	0.05	6.27	20
10520070	10520069	8.81	125 3-	1/0 ACSR 6/1	760	668	543	156	592	26	11	0.03	6.28	14
10520074	10520070	8.88	124 3-	1/0 ACSR 6/1	753	663	539	156	588	26	11	0.05	6.31	22
10620061	10520074	8.91	123 3-	1/0 ACSR 6/1	751	660	537	156	584	25	11	0.02	6.32	9
10620070	10620061	8.94	122 3-	1/0 ACSR 6/1	748	658	535	155	581	25	11	0.02	6.33	10
10620072	10620070	9.01	2 1-	2 ACSR 6/1	0	0	530	155	6	0	0	0.00	5.98	0
10620071	10620070	9.08	117 3-	1/0 ACSR 6/1	736	647	527	155	563	24	11	0.11	6.39	42
10620074	10620071	9.11	77 3-	1/0 ACSR 6/1	733	645	525	155	323	14	6	0.02	6.39	4
10620075	10620074	9.15	76 3-	1/0 ACSR 6/1	730	642	522	154	322	14	6	0.03	6.40	5
10620077	10620075	9.25	70 3-	1/0 ACSR 6/1	722	634	517	154	316	13	6	0.06	6.42	11
10620078	10620077	9.31	4 1-	2 ACSR 6/1	0	0	512	154	31	4	2	0.01	7.06	0
10620079	10620078	9.36	2 1-	2 ACSR 6/1	0	0	508	153	20	2	1	0.00	7.07	0
10620080	10620079	9.43	1 1-	2 ACSR 6/1	0	0	504	153	12	1	1	0.00	7.07	0
10620054	10620080	9.49	0 1-	2 ACSR 6/1	0	0	500	153	0	0	0	0.00	7.07	0
10620073	10620080	9.51	1 1-	2 ACSR 6/1	0	0	498	152	12	1	1	0.00	7.07	0
10620081	10620078	9.38	2 1-	2 ACSR 6/1	0	0	507	153	11	1	1	0.00	7.06	0
10620082	10620077	9.33	63 3-	1/0 ACSR 6/1	715	628	512	154	265	11	5	0.05	6.44	9
10620062	10620082	9.36	63 3-	1/0 ACSR 6/1	713	626	510	154	265	11	5	0.02	6.44	3
10620057	10620062	9.42	62 3-	1/0 ACSR 6/1	707	621	506	153	260	11	5	0.04	6.45	7
10620058	10620057	9.47	58 3-	1/0 ACSR 6/1	704	618	504	153	254	11	5	0.03	6.46	5
10620059	10620058	9.52	56 3-	1/0 ACSR 6/1	700	614	501	153	244	10	5	0.03	6.47	6
10620064	10620059	9.63	53 3-	1/0 ACSR 6/1	692	607	495	152	228	10	4	0.06	6.49	10
10620066	10620064	9.68	49 3-	1/0 ACSR 6/1	688	604	492	152	214	9	4	0.03	6.49	4
10620122	10620066	9.78	1 1-	1/0 ACSR 6/1	0	0	487	152	14	1	1	0.00	6.52	0
10620067	10620066	9.72	48 3-	1/0 ACSR 6/1	685	601	490	152	200	8	4	0.02	6.50	3
10620068	10620067	9.76	44 3-	1/0 ACSR 6/1	682	598	488	152	193	8	4	0.02	6.51	3
10620069	10620068	9.79	43 3-	1/0 ACSR 6/1	680	596	487	152	193	8	4	0.01	6.51	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10620103	10620069	9.86	39 3-	1/0 ACSR 6/1	674	591	483	151	179	7	3	0.04	6.52	5
10620056	10620103	9.94	39 1-	2 ACSR 6/1	0	0	478	151	179	23	13	0.05	6.66	7
D10-62-P031	10620056	9.94	39 1-	RBC-25-H	0	0	478	151	179	23	95	0.00	6.66	0
10620119	D10-62-P031	10.02	39 1-	2 ACSR 6/1	0	0	473	151	179	23	13	0.06	6.71	8
10620120	10620119	10.23	39 1-	2 ACSR 6/1	0	0	461	149	178	23	13	0.14	6.86	21
10730008	10620120	10.35	39 1-	2 ACSR 6/1	0	0	454	149	178	23	13	0.07	6.93	11
10730009	10730008	10.39	38 1-	2 ACSR 6/1	0	0	452	148	173	23	13	0.03	6.96	4
10730010	10730009	10.43	38 1-	2 ACSR 6/1	0	0	449	148	173	23	13	0.03	6.99	4
10730011	10730010	10.53	36 1-	2 ACSR 6/1	0	0	444	148	164	21	12	0.06	7.05	8
10730012	10730011	10.58	0 1-	2 ACSR 6/1	0	0	442	147	0	0	0	0.00	7.05	0
10730007	10730011	10.68	36 1-	2 ACSR 6/1	0	0	436	147	164	21	12	0.09	7.14	13
10720008	10730007	10.73	33 1-	2 ACSR 6/1	0	0	433	146	159	21	12	0.03	7.17	4
10720011	10720008	10.84	32 1-	2 ACSR 6/1	0	0	428	146	155	20	12	0.06	7.23	8
10720017	10720011	10.90	31 1-	2 ACSR 6/1	0	0	425	146	151	20	11	0.03	7.27	4
10720018	10720017	11.03	30 1-	2 ACSR 6/1	0	0	419	145	143	19	11	0.07	7.34	8
10720009	10720018	11.16	29 1-	2 ACSR 6/1	0	0	413	144	139	18	10	0.06	7.40	7
10720010	10720009	11.25	28 1-	2 ACSR 6/1	0	0	408	144	135	18	10	0.05	7.45	6
10720013	10720010	11.35	28 1-	2 ACSR 6/1	0	0	404	143	135	18	10	0.05	7.50	5
10720014	10720013	11.41	26 1-	2 ACSR 6/1	0	0	402	143	130	17	10	0.03	7.53	3
10820044	10720014	11.45	3 1-	2 ACSR 6/1	0	0	400	143	6	0	0	0.00	7.53	0
10820041	10720014	11.46	23 1-	2 ACSR 6/1	0	0	399	143	124	16	9	0.02	7.55	2
10820042	10820041	11.49	4 1-	2 ACSR 6/1	0	0	398	142	29	3	2	0.00	7.56	0
10820043	10820042	11.54	3 1-	2 ACSR 6/1	0	0	396	142	28	3	2	0.01	7.56	0
10820045	10820043	11.58	2 1-	2 ACSR 6/1	0	0	394	142	17	2	1	0.00	7.56	0
10820047	10820045	11.67	1 1-	2 ACSR 6/1	0	0	390	141	10	1	1	0.00	7.57	0
10820046	10820043	11.58	1 1-	2 ACSR 6/1	0	0	394	142	12	1	1	0.00	7.56	0
10820048	10820041	11.53	19 1-	2 ACSR 6/1	0	0	396	142	95	12	7	0.03	7.58	2
10820049	10820048	11.56	19 1-	2 ACSR 6/1	0	0	395	142	95	12	7	0.01	7.59	0
10820050	10820049	11.66	16 1-	2 ACSR 6/1	0	0	391	142	84	11	6	0.03	7.62	2
D10-82-P016	10820050	11.66	16 1-	FUS	0	0	391	142	84	11	256	0.00	7.62	0
10820051	D10-82-P016	11.72	16 1-	2 ACSR 6/1	0	0	388	141	84	11	6	0.02	7.64	1
10820052	10820051	11.77	14 1-	2 ACSR 6/1	0	0	386	141	77	10	6	0.01	7.65	0
10820053	10820052	11.87	12 1-	2 ACSR 6/1	0	0	382	140	64	8	5	0.02	7.67	1
10820054	10820053	11.91	11 1-	2 ACSR 6/1	0	0	381	140	60	8	4	0.01	7.68	0
10820057	10820054	11.96	10 1-	2 ACSR 6/1	0	0	378	140	59	7	4	0.01	7.70	0
10820063	10820057	12.04	8 1-	2 ACSR 6/1	0	0	376	140	50	6	4	0.01	7.71	0
10820064	10820063	12.27	7 1-	2 ACSR 6/1	0	0	367	138	47	6	4	0.04	7.75	2
10820062	10820064	12.42	5 1-	2 ACSR 6/1	0	0	361	138	22	2	2	0.01	7.76	0
D10-83-P001	10820062	12.42	3 1-	FUS-35	0	0	361	138	14	1	7	0.00	7.76	0
10830007	D10-83-P001	12.48	3 1-	2 ACSR 6/1	0	0	359	137	14	1	1	0.00	7.76	0
10830015	10830007	13.15	1 1-	2 ACSR 6/1	0	0	337	134	6	0	0	0.02	7.78	0
10830014	10830015	13.87	1 1-	2 ACSR 6/1	0	0	316	131	6	0	0	0.01	7.79	0
10830011	10830007	12.52	2 1-	2 ACSR 6/1	0	0	358	137	8	1	1	0.00	7.76	0
10820055	10820064	12.31	2 1-	2 ACSR 6/1	0	0	365	138	26	3	2	0.00	7.75	0
10820056	10820055	12.40	2 1-	2 ACSR 6/1	0	0	362	138	26	3	2	0.01	7.76	0
10820058	10820056	12.57	2 1-	2 ACSR 6/1	0	0	356	137	26	3	2	0.02	7.78	0
10920023	10820058	12.70	1 1-	2 ACSR 6/1	0	0	352	136	13	1	1	0.00	7.78	0
10920022	10820058	12.61	1 1-	2 ACSR 6/1	0	0	355	137	13	1	1	0.00	7.78	0
10720007	10720010	11.33	0 1-	2 ACSR 6/1	0	0	405	143	0	0	0	0.00	7.45	0
10720012	10720011	10.88	1 1-	2 ACSR 6/1	0	0	426	146	4	0	0	0.00	7.23	0
10620098	10620069	9.85	1 3-	1/0 ACSR 6/1	675	592	483	151	7	0	0	0.00	6.51	0
10620065	10620064	9.66	2 1-	2 ACSR 6/1	0	0	493	152	7	0	1	0.00	6.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10620060	10620059	9.71	3 1-	2 ACSR 6/1	0	0	488	152	16	2	1	0.01	6.44	0
10620063	10620060	9.80	1 1-	2 ACSR 6/1	0	0	483	151	3	0	0	0.00	6.44	0
10620076	10620075	9.22	3 1-	2 ACSR 6/1	0	0	517	154	2	0	0	0.00	7.06	0
10620099	10620071	9.10	4 1-	2 ACSR 6/1	0	0	525	155	24	3	2	0.00	7.06	0
10620100	10620099	9.16	1 1-	2 ACSR 6/1	0	0	520	154	2	0	0	0.00	7.06	0
10620102	10620071	9.16	34 1-	2 ACSR 6/1	0	0	521	154	201	26	15	0.06	7.12	10
D10-62-P034	10620102	9.16	33 1-	RBC-35-H	0	0	521	154	194	25	74	0.00	7.12	0
10620053	D10-62-P034	9.19	33 1-	2 ACSR 6/1	0	0	519	154	194	25	14	0.02	7.14	4
10620104	10620053	9.24	1 1-	2 ACSR 6/1	0	0	515	154	1	0	0	0.00	7.14	0
10620055	10620053	9.23	32 1-	2 ACSR 6/1	0	0	516	154	193	25	14	0.03	7.17	5
D10-62-P035	10620055	9.23	12 1-	FUS-20	0	0	516	154	87	11	65	0.00	7.17	0
10620114	D10-62-P035	9.31	12 1-	2 ACSR 6/1	0	0	510	153	87	11	6	0.03	7.20	2
10620094	10620114	9.39	11 1-	2 ACSR 6/1	0	0	505	153	77	10	6	0.02	7.22	1
10620096	10620094	9.42	9 1-	2 ACSR 6/1	0	0	502	153	64	8	5	0.01	7.23	0
10620115	10620096	9.47	3 1-	2 ACSR 6/1	0	0	499	152	29	3	2	0.00	7.23	0
10620116	10620115	9.51	2 1-	2 ACSR 6/1	0	0	496	152	18	2	1	0.00	7.23	0
10620095	10620116	9.57	1 1-	2 ACSR 6/1	0	0	492	152	3	0	0	0.00	7.23	0
10620097	10620096	9.69	4 1-	2 ACSR 6/1	0	0	485	151	26	3	2	0.02	7.25	0
10630028	10620097	9.91	2 1-	2 ACSR 6/1	0	0	471	150	17	2	1	0.01	7.26	0
10630029	10630028	10.18	2 1-	2 ACSR 6/1	0	0	456	148	17	2	1	0.02	7.28	0
10630030	10630029	10.45	2 1-	2 ACSR 6/1	0	0	440	147	17	2	1	0.01	7.29	0
10630026	10630030	10.57	1 1-	2 ACSR 6/1	0	0	435	146	8	1	1	0.00	7.30	0
10620093	10620114	9.36	1 1-	2 ACSR 6/1	0	0	506	153	10	1	1	0.00	7.20	0
10620105	10620055	9.31	20 1-	2 ACSR 6/1	0	0	510	153	105	14	8	0.03	7.20	3
10620106	10620105	9.38	19 1-	2 ACSR 6/1	0	0	505	153	104	13	8	0.03	7.23	2
10620092	10620106	9.48	1 1-	2 ACSR 6/1	0	0	498	152	10	1	1	0.00	7.23	0
10620117	10620106	9.53	17 1-	2 ACSR 6/1	0	0	495	152	92	12	7	0.05	7.28	4
10620118	10620117	9.59	17 1-	2 ACSR 6/1	0	0	491	152	92	12	7	0.02	7.30	2
10520056	10620118	9.67	0 1-	2 ACSR 6/1	0	0	486	151	0	0	0	0.00	7.30	0
10520118	10620118	9.76	17 1-	2 ACSR 6/1	0	0	480	151	92	12	7	0.06	7.36	4
10630027	10520118	9.89	17 1-	2 ACSR 6/1	0	0	472	150	92	12	7	0.04	7.40	3
10630013	10630027	9.94	9 1-	2 ACSR 6/1	0	0	469	150	36	4	3	0.01	7.41	0
10630017	10630013	10.02	5 1-	2 ACSR 6/1	0	0	465	149	27	3	2	0.01	7.41	0
10630018	10630017	10.19	2 1-	2 ACSR 6/1	0	0	455	148	6	0	0	0.00	7.41	0
10630014	10630013	9.98	2 1-	2 ACSR 6/1	0	0	467	149	6	0	0	0.00	7.41	0
10630016	10630014	10.04	1 1-	2 ACSR 6/1	0	0	464	149	6	0	0	0.00	7.41	0
10630015	10630014	10.04	1 1-	2 ACSR 6/1	0	0	464	149	0	0	0	0.00	7.41	0
10630012	10630027	9.92	5 1-	2 ACSR 6/1	0	0	470	150	23	3	2	0.00	7.40	0
10630019	10630012	9.95	4 1-	2 ACSR 6/1	0	0	469	150	23	3	2	0.00	7.40	0
10630020	10630019	9.98	1 1-	2 ACSR 6/1	0	0	467	149	8	1	1	0.00	7.40	0
10620101	10620071	9.14	2 1-	2 ACSR 6/1	0	0	522	154	16	2	1	0.00	7.06	0
10520067	10520066	8.77	2 1-	2 ACSR 6/1	0	0	545	156	12	1	1	0.00	6.82	0
10520068	10520067	8.84	1 1-	2 ACSR 6/1	0	0	540	156	4	0	0	0.00	6.82	0
10520062	10520110	8.54	4 1-	2 ACSR 6/1	0	0	560	157	29	3	2	0.01	6.63	0
10520063	10520062	8.59	2 1-	2 ACSR 6/1	0	0	556	157	24	3	2	0.00	6.63	0
10520125	10520063	8.65	1 1-	2 ACSR 6/1	0	0	552	156	9	1	1	0.00	6.63	0
10520104	10520105	8.32	1 1-	2 ACSR 6/1	0	0	577	158	11	1	1	0.00	6.42	0
10520100	10520117	8.24	4 1-	2 ACSR 6/1	0	0	582	158	33	4	2	0.01	5.87	0
10520102	10520100	8.31	2 1-	2 ACSR 6/1	0	0	575	158	13	1	1	0.00	5.87	0
10520101	10520100	8.29	2 1-	2 ACSR 6/1	0	0	578	158	20	2	1	0.00	5.87	0
10520078	10520083	8.00	2 1-	2 ACSR 6/1	0	0	601	159	24	3	2	0.00	5.43	0
10520079	10520078	8.02	1 1-	2 ACSR 6/1	0	0	599	159	12	1	1	0.00	5.43	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10520082	10520084	8.07	1 1-	2 ACSR 6/1	0	0	593	159	12	1	1	0.00	5.75	0
10420075	10520082	8.13	0 1-	2 ACSR 6/1	0	0	588	159	0	0	0	0.00	5.75	0
10520075	10420067	7.97	31 1-	2 ACSR 6/1	0	0	602	159	174	22	13	0.07	5.45	10
D10-52-P113	10520075	7.97	30 1-	REC-35-H	0	0	602	159	163	21	61	0.00	5.45	0
10520076	D10-52-P113	8.00	30 1-	2 ACSR 6/1	0	0	600	159	163	21	12	0.02	5.46	2
10520077	10520076	8.07	29 1-	2 ACSR 6/1	0	0	593	159	159	20	12	0.04	5.51	6
10420077	10520077	8.15	27 1-	2 ACSR 6/1	0	0	585	158	156	20	11	0.05	5.55	6
10420143	10420077	8.29	1 1-	2 ACSR 6/1	0	0	572	157	12	1	1	0.00	5.56	0
10420078	10420077	8.24	25 1-	2 ACSR 6/1	0	0	577	158	134	17	10	0.04	5.60	5
10420070	10420078	8.30	24 1-	2 ACSR 6/1	0	0	572	157	132	17	10	0.03	5.63	3
10420081	10420070	8.35	23 1-	2 ACSR 6/1	0	0	568	157	130	17	10	0.02	5.65	2
10420082	10420081	8.40	23 1-	2 ACSR 6/1	0	0	563	157	130	17	10	0.03	5.68	3
10420084	10420082	8.47	22 1-	2 ACSR 6/1	0	0	558	156	127	16	9	0.03	5.71	3
10420126	10420084	8.59	19 1-	2 ACSR 6/1	0	0	547	156	115	15	8	0.05	5.76	5
10420127	10420126	8.72	17 1-	2 ACSR 6/1	0	0	537	155	112	14	8	0.05	5.81	5
10430081	10420127	8.80	13 1-	2 ACSR 6/1	0	0	531	154	90	11	7	0.02	5.83	2
10430082	10430081	8.94	12 1-	2 ACSR 6/1	0	0	521	153	79	10	6	0.04	5.87	3
10430083	10430082	9.02	2 1-	2 ACSR 6/1	0	0	515	153	18	2	1	0.00	5.88	0
10430074	10430083	9.08	1 1-	2 ACSR 6/1	0	0	511	153	10	1	1	0.00	5.88	0
10430075	10430082	8.99	10 1-	2 ACSR 6/1	0	0	517	153	61	8	4	0.01	5.89	0
10430100	10430075	9.02	5 1-	2 ACSR 6/1	0	0	515	153	33	4	2	0.00	5.89	0
10430101	10430100	9.06	4 1-	2 ACSR 6/1	0	0	512	153	17	2	1	0.00	5.89	0
10430099	10430101	9.16	1 1-	2 ACSR 6/1	0	0	505	152	0	0	0	0.00	5.89	0
10430076	10430075	9.10	5 1-	2 ACSR 6/1	0	0	509	153	27	3	2	0.01	5.90	0
10430072	10430076	9.16	2 1-	2 ACSR 6/1	0	0	505	152	6	0	0	0.00	5.90	0
10430073	10430076	9.22	3 1-	2 ACSR 6/1	0	0	501	152	22	2	2	0.01	5.91	0
10430077	10430073	9.33	2 1-	2 ACSR 6/1	0	0	494	151	17	2	1	0.01	5.91	0
10430071	10430077	9.40	1 1-	2 ACSR 6/1	0	0	489	151	9	1	1	0.00	5.92	0
10430069	10430077	9.41	1 1-	2 ACSR 6/1	0	0	489	151	8	1	1	0.00	5.92	0
10430070	10430069	9.55	0 1-	2 ACSR 6/1	0	0	480	150	0	0	0	0.00	5.92	0
10430047	10430070	9.64	0 1-	2 ACSR 6/1	0	0	474	149	0	0	0	0.00	5.92	0
10430080	10420127	8.79	1 1-	2 ACSR 6/1	0	0	532	154	11	1	1	0.00	5.81	0
10430078	10420127	8.78	2 1-	2 ACSR 6/1	0	0	533	154	2	0	0	0.00	5.81	0
10430079	10430078	8.83	1 1-	2 ACSR 6/1	0	0	529	154	1	0	0	0.00	5.81	0
10420083	10420082	8.43	1 1-	2 ACSR 6/1	0	0	560	157	3	0	0	0.00	5.68	0
10420080	10420070	8.37	1 1-	2 ACSR 6/1	0	0	566	157	2	0	0	0.00	5.63	0
10420079	10420078	8.28	1 1-	2 ACSR 6/1	0	0	574	157	3	0	0	0.00	5.60	0
10430055	10430061	6.71	19 3-	1/0 ACSR 6/1	1015	899	725	165	124	5	2	0.00	4.52	1
10420130	10430055	6.78	16 1-	2 ACSR 6/1	0	0	716	165	89	11	6	0.02	4.66	2
10420131	10420130	6.88	11 1-	2 ACSR 6/1	0	0	702	164	71	9	5	0.03	4.68	2
10330041	10420131	6.89	0 1-	2 ACSR 6/1	0	0	701	164	0	0	0	0.00	4.68	0
10-33-P111-A	10330041	6.89	0 1-	Open	0	0	701	164	0	0	0	0.00	4.68	0
10330099	10420131	7.05	11 1-	2 ACSR 6/1	0	0	681	163	71	9	5	0.04	4.73	2
10420132	10330099	7.17	10 1-	2 ACSR 6/1	0	0	667	162	64	8	5	0.02	4.75	0
10320148	10420132	7.20	3 1-	2 ACSR 6/1	0	0	663	162	17	2	1	0.00	4.75	0
10320147	10420132	7.22	4 1-	2 ACSR 6/1	0	0	660	162	27	3	2	0.00	4.75	0
10320146	10320147	7.30	0 1-	2 ACSR 6/1	0	0	651	162	0	0	0	0.00	4.75	0
10420129	10420130	6.81	1 1-	2 ACSR 6/1	0	0	712	165	3	0	0	0.00	4.66	0
10420124	10420130	6.84	3 1-	2 ACSR 6/1	0	0	707	165	7	0	1	0.00	4.66	0
10420128	10430055	6.77	1 1-	2 ACSR 6/1	0	0	718	165	5	0	0	0.00	4.28	0
10420135	10430055	6.78	1 3-	1/0 ACSR 6/1	1003	889	717	165	28	1	1	0.00	4.52	0
10430054	10430060	6.44	0 1-	2 ACSR 6/1	0	0	755	167	0	0	0	0.00	4.27	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10430058	10430059	6.42	7 3-	1/0 ACSR 6/1	1064	944	760	167	99	4	2	0.00	4.17	0
10330074	10430058	6.48	6 3-	1/0 ACSR 6/1	1054	935	753	167	84	3	2	0.00	4.18	0
10330071	10330074	6.60	4 3-	1/0 ACSR 6/1	1033	916	738	166	77	3	1	0.01	4.18	0
10330072	10330071	6.72	3 3-	1/0 ACSR 6/1	1013	897	724	165	76	3	1	0.01	4.19	0
10330075	10330072	6.81	2 3-	1/0 ACSR 6/1	1000	885	714	165	69	3	1	0.00	4.19	0
10330076	10330075	6.88	1 3-	1/0 ACSR 6/1	988	875	706	165	59	2	1	0.00	4.20	0
10330073	10330072	6.73	0 1-	2 ACSR 6/1	0	0	723	165	0	0	0	0.00	4.25	0
10-33-P111-B	10330073	6.73	0 1-	Open	0	0	723	165	0	0	0	0.00	4.25	0
10330070	10330074	6.50	2 1-	2 ACSR 6/1	0	0	749	166	7	0	1	0.00	4.24	0
10330077	10330070	6.56	1 1-	2 ACSR 6/1	0	0	742	166	0	0	0	0.00	4.24	0
OH27	10430050	5.90	0 3-	4/0 ACSR 6/1	1169	1041	834	170	0	0	0	0.00	3.49	0
SW28-B	OH27	5.90	0 3-	Open	1169	1041	834	170	0	0	0	0.00	3.49	0
10330096	10330095	5.68	3 1-	2 ACSR 6/1	0	0	864	170	6	0	0	0.00	3.12	0
10330097	10330096	5.75	1 1-	2 ACSR 6/1	0	0	852	170	0	0	0	0.00	3.12	0
10330094	10330093	5.28	1 1-	2 ACSR 6/1	0	0	935	172	11	1	1	0.00	2.79	0
10330042	10330067	5.11	3 1-	2 ACSR 6/1	0	0	966	173	20	2	1	0.01	2.28	0
10330088	10330042	5.29	3 1-	2 ACSR 6/1	0	0	925	172	20	2	1	0.01	2.29	0
10330089	10330088	5.35	1 1-	2 ACSR 6/1	0	0	912	171	9	1	1	0.00	2.29	0
10330082	10330079	4.94	1 1-	2 ACSR 6/1	0	0	1003	174	8	1	1	0.00	2.11	0
10320156	10320090	4.70	3 1-	2 ACSR 6/1	0	0	1057	175	20	2	1	0.00	1.75	0
10320157	10320156	4.74	1 1-	2 ACSR 6/1	0	0	1046	175	6	0	0	0.00	1.75	0
10320077	CAP145	4.47	89 3-	2 ACSR 6/1	1553	1399	1116	176	433	18	10	0.01	1.54	14
10320137	10320077	4.55	5 1-	2 ACSR 6/1	0	0	1091	176	18	2	1	0.00	1.66	0
10320138	10320137	4.66	3 1-	2 ACSR 6/1	0	0	1059	175	12	1	1	0.00	1.66	0
10320139	10320138	4.73	0 1-	2 ACSR 6/1	0	0	1039	175	0	0	0	0.00	1.66	0
10320140	10320138	4.73	2 1-	2 ACSR 6/1	0	0	1040	175	9	1	1	0.00	1.66	0
10320141	10320140	4.82	1 1-	2 ACSR 6/1	0	0	1016	174	4	0	0	0.00	1.67	0
10320065	10320141	5.02	0 1-	2 ACSR 6/1	0	0	965	172	0	0	0	0.00	1.67	0
10320078	10320077	4.55	81 3-	2 ACSR 6/1	1518	1365	1090	176	394	16	9	0.01	1.57	17
D10-32-P141	10320078	4.55	81 3-	REC-50-H	1518	1365	1090	176	394	16	33	0.00	1.57	0
10320066	D10-32-P141	4.57	81 3-	2 ACSR 6/1	1509	1356	1084	176	394	16	9	0.00	1.58	4
10320082	10320066	4.68	80 3-	2 ACSR 6/1	1465	1314	1053	175	391	16	9	0.01	1.62	21
10320084	10320082	4.75	74 3-	2 ACSR 6/1	1438	1288	1034	174	350	14	8	0.01	1.64	10
10320070	10320084	4.79	68 3-	2 ACSR 6/1	1422	1272	1022	174	332	14	8	0.01	1.66	6
10320072	10320070	4.83	67 3-	2 ACSR 6/1	1410	1261	1013	174	323	13	8	0.01	1.67	4
10320073	10320072	4.87	17 1-	2 ACSR 6/1	0	0	1002	174	103	13	7	0.02	1.46	1
10320074	10320073	4.91	1 1-	2 ACSR 6/1	0	0	993	173	2	0	0	0.00	1.46	0
10320075	10320073	4.92	14 1-	2 ACSR 6/1	0	0	990	173	84	10	6	0.01	1.47	0
10320076	10320075	4.97	12 1-	2 ACSR 6/1	0	0	976	173	77	9	5	0.01	1.49	0
10320088	10320076	5.01	7 1-	2 ACSR 6/1	0	0	966	173	43	5	3	0.01	1.49	0
10320089	10320088	5.05	4 1-	2 ACSR 6/1	0	0	956	172	25	3	2	0.00	1.50	0
10320085	10320089	5.13	2 1-	2 ACSR 6/1	0	0	938	172	21	2	2	0.00	1.50	0
10320067	10320085	5.20	1 1-	2 ACSR 6/1	0	0	923	171	9	1	1	0.00	1.50	0
10320087	10320088	5.05	2 1-	2 ACSR 6/1	0	0	958	172	11	1	1	0.00	1.49	0
10320080	10320076	5.00	4 1-	2 ACSR 6/1	0	0	969	173	25	3	2	0.00	1.49	0
10320081	10320080	5.02	1 1-	2 ACSR 6/1	0	0	965	172	3	0	0	0.00	1.49	0
10320071	10320072	4.89	49 3-	2 ACSR 6/1	1387	1239	997	173	218	9	5	-0.01	1.68	7
10320068	10320071	4.93	1 1-	2 ACSR 6/1	0	0	986	173	5	0	0	0.00	2.00	0
10320064	10320071	4.94	44 3-	2 ACSR 6/1	1369	1222	984	173	190	8	5	-0.01	1.69	4
10320069	10320064	4.98	43 3-	2 ACSR 6/1	1353	1207	973	173	187	7	4	-0.01	1.70	4
10320135	10320069	5.04	29 3-	2 ACSR 6/1	1335	1190	960	172	126	5	3	-0.01	1.70	2
10320136	10320135	5.08	26 3-	2 ACSR 6/1	1321	1176	950	172	119	5	3	-0.01	1.71	2

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10320188	10320136	5.17	6 1-	2 ACSR 6/1	0	0	929	171	43	5	3	0.01	2.11	0
10320189	10320188	5.22	1 1-	2 ACSR 6/1	0	0	919	171	3	0	0	0.00	2.11	0
10320184	10320188	5.22	5 1-	2 ACSR 6/1	0	0	919	171	40	5	3	0.01	2.12	0
10320186	10320184	5.26	2 1-	2 ACSR 6/1	0	0	910	171	14	1	1	0.00	2.12	0
10320187	10320186	5.30	0 1-	2 ACSR 6/1	0	0	900	170	0	0	0	0.00	2.12	0
10320185	10320184	5.27	3 1-	2 ACSR 6/1	0	0	907	171	25	3	2	0.00	2.12	0
10320190	10320185	5.33	2 1-	2 ACSR 6/1	0	0	894	170	16	2	1	0.00	2.12	0
10320142	10320190	5.37	2 1-	2 ACSR 6/1	0	0	886	170	16	2	1	0.00	2.12	0
10320143	10320136	5.12	20 3-	2 ACSR 6/1	1306	1162	940	172	76	3	2	0.00	1.71	0
10320144	10320143	5.22	6 1-	2 ACSR 6/1	0	0	919	171	23	2	0	0.00	2.11	0
10320150	10320143	5.21	13 3-	2 ACSR 6/1	1279	1137	921	171	50	2	1	0.00	1.72	0
10420102	10320150	5.47	12 1-	2 ACSR 6/1	0	0	866	169	48	6	3	0.05	2.17	2
10420069	10420102	5.51	9 1-	2 ACSR 6/1	0	0	858	169	42	5	3	0.01	2.17	0
10420105	10420069	5.58	7 1-	2 ACSR 6/1	0	0	845	169	20	2	1	0.00	2.18	0
10420106	10420105	5.65	4 1-	2 ACSR 6/1	0	0	832	168	14	1	1	0.00	2.18	0
10420103	10420106	5.72	2 1-	2 ACSR 6/1	0	0	818	168	8	1	1	0.00	2.18	0
10420095	10420106	5.69	1 1-	2 ACSR 6/1	0	0	824	168	4	0	0	0.00	2.18	0
10420144	10420069	5.54	2 1-	2 ACSR 6/1	0	0	852	169	22	2	2	0.00	2.17	0
10420145	10420144	5.57	1 1-	2 ACSR 6/1	0	0	847	169	12	1	1	0.00	2.18	0
10420093	10420102	5.53	2 1-	2 ACSR 6/1	0	0	854	169	4	0	0	0.00	2.17	0
10420094	10420093	5.58	1 1-	2 ACSR 6/1	0	0	845	169	2	0	0	0.00	2.17	0
10320145	10420094	5.65	0 1-	2 ACSR 6/1	0	0	831	168	0	0	0	0.00	2.17	0
10420092	10420102	5.50	1 1-	2 ACSR 6/1	0	0	861	169	2	0	0	0.00	2.17	0
10320169	10320069	5.06	11 1-	2 ACSR 6/1	0	0	956	172	48	6	3	0.01	2.07	0
10320171	10320169	5.11	7 1-	2 ACSR 6/1	0	0	943	172	31	3	2	0.01	2.07	0
10320172	10320171	5.14	3 1-	2 ACSR 6/1	0	0	937	172	23	2	2	0.00	2.07	0
10320173	10320172	5.24	2 1-	2 ACSR 6/1	0	0	914	171	13	1	1	0.00	2.08	0
10320134	10320173	5.36	1 1-	2 ACSR 6/1	0	0	889	170	1	0	0	0.00	2.08	0
10320174	10320173	5.30	1 1-	2 ACSR 6/1	0	0	900	170	12	1	1	0.00	2.08	0
10320175	10320174	5.40	1 1-	2 ACSR 6/1	0	0	880	170	12	1	1	0.00	2.08	0
10320170	10320169	5.09	2 1-	2 ACSR 6/1	0	0	947	172	9	1	1	0.00	2.07	0
10320168	10320069	5.08	2 1-	2 ACSR 6/1	0	0	950	172	9	1	1	0.00	2.06	0
10320063	10320071	4.97	2 1-	2 ACSR 6/1	0	0	976	173	12	1	1	0.00	2.00	0
10320083	10320082	4.75	3 1-	2 ACSR 6/1	0	0	1034	174	20	2	1	0.00	1.85	0
10320079	10320083	4.79	1 1-	2 ACSR 6/1	0	0	1024	174	8	0	1	0.00	1.85	0
10320160	10320077	4.51	3 1-	2 ACSR 6/1	0	0	1103	176	20	2	1	0.00	1.40	0
10320161	10320160	4.54	2 1-	2 ACSR 6/1	0	0	1094	176	13	1	1	0.00	1.40	0
10320163	10320161	4.60	1 1-	2 ACSR 6/1	0	0	1076	176	3	0	0	0.00	1.40	0
10320162	10320161	4.58	1 1-	2 ACSR 6/1	0	0	1084	176	9	1	1	0.00	1.40	0
10320155	10320154	4.37	1 1-	2 ACSR 6/1	0	0	1144	177	4	0	0	0.00	1.41	0
10320151	10320165	4.25	4 1-	2 ACSR 6/1	0	0	1177	178	18	2	1	0.00	1.07	0
10320152	10320151	4.30	2 1-	2 ACSR 6/1	0	0	1162	177	14	1	1	0.00	1.07	0
10320191	10320152	4.33	1 1-	2 ACSR 6/1	0	0	1151	177	8	0	1	0.00	1.07	0
10220054	9290059	3.56	0 1-	2 ACSR 6/1	0	0	1422	181	0	0	0	0.00	4.84	0
9290070	9290072	3.33	16 1-	2 ACSR 6/1	0	0	1522	182	110	14	8	0.04	4.77	3
9290102	9290070	3.41	15 1-	2 ACSR 6/1	0	0	1478	182	102	13	7	0.03	4.80	2
9290103	9290102	3.44	14 1-	2 ACSR 6/1	0	0	1462	182	94	12	7	0.01	4.81	0
9290054	9290103	3.54	13 1-	2 ACSR 6/1	0	0	1411	181	90	11	7	0.03	4.84	2
9290056	9290054	3.77	9 1-	2 ACSR 6/1	0	0	1307	179	58	7	4	0.05	4.89	2
9290057	9290056	3.80	8 1-	2 ACSR 6/1	0	0	1294	179	50	6	4	0.01	4.89	0
9290061	9290057	3.93	8 1-	2 ACSR 6/1	0	0	1243	178	50	6	4	0.02	4.91	0
9290050	9290061	4.04	5 1-	2 ACSR 6/1	0	0	1201	177	34	4	2	0.01	4.92	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9190153	9290050	4.11	4 1-	2 ACSR 6/1	0	0	1174	176	27	3	2	0.01	4.93	0
9190165	9190153	4.28	2 1-	2 ACSR 6/1	0	0	1117	175	17	2	1	0.01	4.94	0
9190166	9190165	4.43	1 1-	2 ACSR 6/1	0	0	1072	174	6	0	0	0.00	4.94	0
9190164	9190153	4.20	2 1-	2 ACSR 6/1	0	0	1145	176	10	1	1	0.00	4.94	0
9190176	9190164	4.25	1 1-	2 ACSR 6/1	0	0	1127	175	8	1	1	0.00	4.94	0
9290049	9290061	4.03	1 1-	2 ACSR 6/1	0	0	1205	177	3	0	0	0.00	4.91	0
9290051	9290057	3.91	0 1-	2 ACSR 6/1	0	0	1251	178	0	0	0	0.00	4.89	0
9290055	9290054	3.64	2 1-	2 ACSR 6/1	0	0	1366	180	20	2	1	0.01	4.84	0
9290105	9290055	3.71	1 1-	2 ACSR 6/1	0	0	1335	179	10	1	1	0.00	4.85	0
9290065	9290064	2.85	1 1-	2 ACSR 6/1	0	0	1713	184	10	1	1	0.00	4.02	0
9290084	9290083	2.71	6 1-	2 ACSR 6/1	0	0	1766	184	31	4	2	0.01	3.91	0
9290104	9290084	2.77	1 1-	2 ACSR 6/1	0	0	1725	183	9	1	1	0.00	3.91	0
9290045	9280103	2.47	105 3-	2 ACSR 6/1	2507	2323	1892	185	627	27	15	0.03	3.22	12
D09-29-P081	9290045	2.47	105 3-	REC-70-4H	2507	2323	1892	185	627	27	39	0.00	3.22	0
9290046	D09-29-P081	2.71	105 3-	2 ACSR 6/1	2286	2096	1708	183	627	27	15	0.23	3.37	97
9290063	9290046	2.91	104 3-	2 ACSR 6/1	2120	1930	1576	181	625	27	15	0.20	3.50	81
9290077	9290063	2.97	103 3-	2 ACSR 6/1	2078	1888	1543	181	617	26	15	0.05	3.54	22
9290079	9290077	3.04	2 1-	2 ACSR 6/1	0	0	1502	180	9	1	1	0.00	4.26	0
9290078	9290077	3.06	98 3-	2 ACSR 6/1	2007	1818	1488	180	583	25	14	0.09	3.59	36
9390095	9290078	3.10	2 1-	2 ACSR 6/1	0	0	1468	180	15	1	1	0.00	4.67	0
9390096	9290078	3.14	96 3-	2 ACSR 6/1	1956	1768	1448	180	568	24	14	0.07	3.63	26
9390097	9390096	3.21	94 3-	2 ACSR 6/1	1905	1719	1410	179	560	24	14	0.07	3.68	27
9390098	9390097	3.26	91 3-	2 ACSR 6/1	1871	1685	1383	179	539	23	13	0.05	3.71	19
9390104	9390098	3.32	84 3-	2 ACSR 6/1	1837	1652	1358	178	497	21	12	0.05	3.73	17
9390107	9390104	3.41	82 3-	2 ACSR 6/1	1781	1599	1316	178	483	21	12	0.09	3.78	29
9390106	9390107	3.44	60 3-	2 ACSR 6/1	1764	1582	1303	177	310	13	7	0.01	3.79	3
9390075	9390106	3.53	59 3-	2 ACSR 6/1	1714	1534	1265	177	298	12	7	0.03	3.81	10
9390054	9390075	3.65	57 3-	2 ACSR 6/1	1645	1468	1214	176	286	12	7	0.04	3.85	13
9390055	9390054	3.71	56 3-	2 ACSR 6/1	1616	1441	1193	175	283	12	7	0.02	3.87	5
9390058	9390055	3.77	2 1-	2 ACSR 6/1	0	0	1169	175	10	1	1	0.00	4.77	0
9390056	9390055	3.83	54 3-	2 ACSR 6/1	1555	1383	1147	174	273	11	7	0.04	3.90	11
9390108	9390056	4.06	53 3-	2 ACSR 6/1	1454	1289	1073	173	270	11	7	0.06	3.96	20
D09-49-P001	9390108	4.06	14 1-	FUS-15	0	0	1073	173	98	12	97	0.00	4.86	0
9490047	D09-49-P001	4.12	14 1-	2 ACSR 6/1	0	0	1055	172	98	12	7	0.02	4.88	2
9390068	9490047	4.19	10 1-	2 ACSR 6/1	0	0	1036	172	82	10	6	0.02	4.90	1
9390069	9390068	4.23	9 1-	2 ACSR 6/1	0	0	1025	172	73	9	5	0.01	4.91	0
9390084	9390069	4.30	6 1-	2 ACSR 6/1	0	0	1005	171	34	4	2	0.01	4.92	0
9390085	9390084	4.35	5 1-	2 ACSR 6/1	0	0	992	171	29	3	2	0.01	4.92	0
9390087	9390085	4.45	1 1-	2 ACSR 6/1	0	0	966	170	8	1	1	0.00	4.93	0
9390086	9390085	4.39	4 1-	2 ACSR 6/1	0	0	980	170	21	2	2	0.00	4.93	0
9390089	9390086	4.43	2 1-	2 ACSR 6/1	0	0	970	170	13	1	1	0.00	4.93	0
9390090	9390089	4.49	1 1-	2 ACSR 6/1	0	0	957	170	8	1	1	0.00	4.93	0
9390092	9390090	4.60	0 1-	2 ACSR 6/1	0	0	929	169	0	0	0	0.00	4.93	0
9390091	9390090	4.54	1 1-	2 ACSR 6/1	0	0	944	169	8	1	1	0.00	4.93	0
9390083	9390069	4.27	1 1-	2 ACSR 6/1	0	0	1014	171	12	1	1	0.00	4.91	0
9390066	9490047	4.16	2 1-	2 ACSR 6/1	0	0	1044	172	5	0	0	0.00	4.88	0
9390067	9390066	4.18	0 1-	2 ACSR 6/1	0	0	1038	172	0	0	0	0.00	4.88	0
9490043	9390108	4.13	1 1-	2 ACSR 6/1	0	0	1052	172	3	0	0	0.00	5.31	0
9490044	9490043	4.45	1 1-	2 ACSR 6/1	0	0	965	170	3	0	0	0.00	5.31	0
9490042	9390108	4.14	35 3-	2 ACSR 6/1	1423	1260	1051	172	159	6	4	-0.01	3.98	4
9490019	9490042	4.17	4 1-	2 ACSR 6/1	0	0	1041	172	16	2	1	0.00	4.86	0
9490020	9490019	4.21	2 1-	2 ACSR 6/1	0	0	1030	172	13	1	1	0.00	4.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9490018	9490020	4.26	1 1-	2 ACSR 6/1	0	0	1015	171	10	1	1	0.00	4.86	0
9490030	9490042	4.15	31 3-	2 ACSR 6/1	1417	1254	1046	172	143	-6	3	0.00	3.98	0
9490017	9490030	4.23	30 3-	2 ACSR 6/1	1385	1225	1023	172	138	-6	3	-0.01	3.99	4
9490021	9490017	4.31	2 1-	2 ACSR 6/1	0	0	1002	171	9	1	1	0.00	5.39	0
9490022	9490017	4.28	27 3-	2 ACSR 6/1	1368	1208	1010	171	126	-5	3	-0.01	4.00	2
9490023	9490022	4.33	25 3-	2 ACSR 6/1	1349	1191	996	171	118	-5	3	-0.01	4.00	2
9490029	9490023	4.41	2 1-	2 ACSR 6/1	0	0	977	170	9	1	1	0.00	5.43	0
9490028	9490023	4.37	6 3-	2 ACSR 6/1	1336	1179	987	171	30	-1	1	0.00	4.00	0
9490036	9490028	4.43	4 3-	2 ACSR 6/1	1315	1159	971	170	23	-1	1	0.00	4.01	0
9490045	9490036	4.47	2 3-	2 ACSR 6/1	1299	1145	960	170	11	0	0	0.00	4.01	0
9490040	9490045	4.58	1 3-	2 ACSR 6/1	1264	1112	934	169	8	0	0	0.00	4.01	0
9490037	9490040	4.66	1 3-	15 KV 2 URD XLP	1243	1094	920	366	8	0	0	0.00	4.01	0
9490046	9490036	4.49	1 1-	2 ACSR 6/1	0	0	956	170	8	1	1	0.00	5.44	0
9490026	9490023	4.39	15 1-	2 ACSR 6/1	0	0	982	171	71	9	5	0.01	5.45	0
9490027	9490026	4.48	14 1-	2 ACSR 6/1	0	0	957	170	65	8	5	0.02	5.47	0
9490025	9490027	4.52	11 1-	2 ACSR 6/1	0	0	948	170	51	6	4	0.01	5.47	0
9490035	9490025	4.60	8 1-	2 ACSR 6/1	0	0	929	169	41	5	3	0.01	5.49	0
9490033	9490035	4.65	2 1-	2 ACSR 6/1	0	0	918	169	16	2	1	0.00	5.49	0
9490031	9490035	4.68	6 1-	2 ACSR 6/1	0	0	911	168	25	3	2	0.01	5.49	0
9490034	9490031	4.72	1 1-	2 ACSR 6/1	0	0	901	168	5	0	0	0.00	5.49	0
9490032	9490031	4.74	4 1-	2 ACSR 6/1	0	0	898	168	13	1	1	0.00	5.49	0
9490024	9490023	4.43	1 1-	2 ACSR 6/1	0	0	970	170	3	0	0	0.00	5.43	0
9490038	9490030	4.20	1 1-	2 ACSR 6/1	0	0	1031	172	5	0	0	0.00	5.35	0
9390065	9390056	3.94	1 1-	2 ACSR 6/1	0	0	1113	174	3	0	0	0.00	4.80	0
9390057	9390054	3.74	1 1-	2 ACSR 6/1	0	0	1180	175	3	0	0	0.00	4.75	0
9390076	9390075	3.55	2 1-	2 ACSR 6/1	0	0	1255	176	11	1	1	0.00	5.01	0
9390105	9390107	3.44	22 1-	2 ACSR 6/1	0	0	1300	177	173	22	13	0.02	4.69	3
9390070	9390105	3.48	19 1-	2 ACSR 6/1	0	0	1287	177	150	19	11	0.02	4.71	2
D09-39-P029	9390070	3.48	5 1-	FUS-15	0	0	1287	177	40	5	40	0.00	4.71	0
9390111	D09-39-P029	3.55	5 1-	2 ACSR 6/1	0	0	1255	176	40	5	3	0.01	4.72	0
9390072	9390111	3.62	2 1-	2 ACSR 6/1	0	0	1226	176	17	2	1	0.00	4.72	0
9390073	9390070	3.55	11 1-	2 ACSR 6/1	0	0	1257	177	82	10	6	0.02	4.73	1
9390060	9390073	3.61	10 1-	2 ACSR 6/1	0	0	1229	176	73	9	5	0.02	4.75	1
9390062	9390060	3.69	8 1-	2 ACSR 6/1	0	0	1201	175	60	7	4	0.01	4.76	0
9390113	9390062	3.74	4 1-	2 ACSR 6/1	0	0	1181	175	31	4	2	0.01	4.77	0
9390114	9390113	3.81	3 1-	2 ACSR 6/1	0	0	1157	175	23	2	2	0.00	4.77	0
9390059	9390114	3.87	2 1-	2 ACSR 6/1	0	0	1135	174	16	2	1	0.00	4.77	0
9390074	9390059	4.02	1 1-	2 ACSR 6/1	0	0	1088	173	7	0	1	0.00	4.78	0
9390063	9390062	3.74	2 1-	2 ACSR 6/1	0	0	1180	175	17	2	1	0.00	4.76	0
9390064	9390063	3.79	1 1-	2 ACSR 6/1	0	0	1165	175	9	1	1	0.00	4.76	0
9390061	9390060	3.66	1 1-	2 ACSR 6/1	0	0	1213	176	9	1	1	0.00	4.75	0
9390071	9390070	3.51	1 1-	2 ACSR 6/1	0	0	1270	177	7	0	1	0.00	4.71	0
9390099	9390098	3.34	7 1-	2 ACSR 6/1	0	0	1346	178	43	5	3	0.01	4.85	0
9390101	9390099	3.37	4 1-	2 ACSR 6/1	0	0	1333	178	14	1	1	0.00	4.85	0
9390102	9390101	3.42	3 1-	2 ACSR 6/1	0	0	1310	177	11	1	1	0.00	4.85	0
9390103	9390102	3.49	1 1-	2 ACSR 6/1	0	0	1281	177	4	0	0	0.00	4.85	0
9390100	9390099	3.38	1 1-	2 ACSR 6/1	0	0	1330	178	7	0	1	0.00	4.85	0
9290062	9290046	2.79	1 1-	2 ACSR 6/1	0	0	1656	182	1	0	0	0.00	1.73	0
9280161	9280170	2.16	250 3-	336 ACSR 18/1	2709	2524	2079	186	1477	63	12	0.01	2.92	8
9280238	9280161	2.26	2 1-	2 ACSR 6/1	0	0	1986	185	13	1	1	0.00	3.44	0
9290107	9280238	2.32	1 1-	15 KV 2 URD XLP	0	0	1941	458	11	1	1	0.00	3.44	0
9280162	9280161	2.18	248 3-	336 ACSR 18/1	2696	2511	2066	186	1463	62	12	0.01	2.92	8

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D09-28-P206	9280162	2.18	248 3-	REC-70-L	2696	2511	2066	186	1463	62 89	0.00	2.92	0	21
9280163	D09-28-P206	2.24	248 3-	336 ACSR 18/1	2660	2475	2032	185	1463	62 12	0.02	2.94	21	0
9280211	9280163	2.37	247 3-	336 ACSR 18/1	2582	2398	1959	185	1437	61 12	0.05	2.98	49	12
9290076	9280211	2.40	246 3-	336 ACSR 18/1	2563	2380	1942	185	1434	61 12	0.01	2.98	12	12
9190124	9290076	2.47	243 3-	336 ACSR 18/1	2524	2342	1906	185	1423	60 11	0.03	3.00	26	22
9190125	9190124	2.52	237 3-	336 ACSR 18/1	2491	2309	1876	185	1403	60 11	0.02	3.02	22	26
9190131	9190125	2.56	235 3-	336 ACSR 18/1	2470	2289	1857	185	1392	59 11	0.01	3.03	14	14
9190135	9190131	2.60	230 3-	336 ACSR 18/1	2448	2267	1836	185	1345	57 11	0.02	3.04	14	14
9190137	9190135	2.64	2 1-	2 ACSR 6/1	0	0	1806	184	11	1 1	0.00	3.62	0	0
9190136	9190135	2.64	226 3-	336 ACSR 18/1	2431	2250	1820	185	1329	56 11	0.01	3.05	11	11
9190140	9190136	2.69	0 1-	2 ACSR 6/1	0	0	1780	184	0	0 0	0.00	3.63	0	0
9190138	9190136	2.66	2 1-	2 ACSR 6/1	0	0	1804	184	15	1 1	0.00	4.10	0	0
9190139	9190138	2.69	1 1-	2 ACSR 6/1	0	0	1780	184	6	0 0	0.00	4.10	0	0
9190070	9190136	2.68	224 3-	336 ACSR 18/1	2408	2227	1799	184	1314	56 11	0.02	3.06	15	15
C09-19-P59	9190070	2.68	0 3-	Capacitor	2408	2227	1799	184	0	-6 0	0.00	3.06	0	0
9190141	9190070	2.72	224 3-	336 ACSR 18/1	2386	2207	1780	184	1314	56 11	0.02	3.07	14	14
9190115	9190141	2.76	222 3-	336 ACSR 18/1	2365	2186	1761	184	1300	56 11	0.02	3.09	14	14
9190142	9190115	2.80	220 3-	336 ACSR 18/1	2350	2171	1747	184	1284	55 10	0.01	3.10	10	10
D09-19-P007	9190142	2.80	6 1-	FUS-30	0	0	1747	184	18	2 9	0.00	4.18	0	0
9190144	D09-19-P007	2.85	6 1-	2 ACSR 6/1	0	0	1706	184	18	2 1	0.00	4.18	0	0
9190145	9190144	2.92	5 1-	2 ACSR 6/1	0	0	1664	183	13	1 1	0.00	4.18	0	0
9190146	9190145	3.02	3 1-	2 ACSR 6/1	0	0	1602	182	8	1 1	0.00	4.18	0	0
9190147	9190146	3.10	0 1-	2 ACSR 6/1	0	0	1552	182	0	0 0	0.00	4.18	0	0
9190143	9190142	3.19	213 3-	1/0 ACSR 6/1	2080	1904	1530	182	1261	54 24	0.50	3.43	389	389
9190069	9190143	3.33	209 3-	1/0 ACSR 6/1	1999	1826	1467	181	1232	53 23	0.17	3.55	129	129
9190150	9190069	3.36	1 1-	2 ACSR 6/1	0	0	1449	181	3	0 0	0.00	4.37	0	0
9190154	9190069	3.38	2 1-	2 ACSR 6/1	0	0	1437	181	8	1 1	0.00	4.75	0	0
9190155	9190069	3.40	206 3-	1/0 ACSR 6/1	1957	1785	1434	181	1220	52 23	0.10	3.61	70	70
9190156	9190155	3.54	205 3-	1/0 ACSR 6/1	1882	1713	1376	180	1211	52 23	0.18	3.72	130	130
9190177	9190156	3.62	2 1-	2 ACSR 6/1	0	0	1339	180	17	2 1	0.01	4.65	0	0
9090050	9190177	3.68	1 1-	2 ACSR 6/1	0	0	1315	179	10	1 1	0.00	4.65	0	0
9090049	9190177	3.75	1 1-	2 ACSR 6/1	0	0	1283	179	7	0 1	0.00	4.65	0	0
9190157	9190156	3.62	202 3-	1/0 ACSR 6/1	1844	1676	1347	180	1193	51 23	0.09	3.78	68	68
9190169	9190157	3.66	1 1-	2 ACSR 6/1	0	0	1329	179	10	1 1	0.00	4.73	0	0
9190071	9190157	3.73	94 3-	2 ACSR 6/1	1777	1610	1296	179	584	25 14	0.19	3.85	66	66
D09-09-P005	9190071	3.73	93 3-	REC-35-L	1777	1610	1296	179	579	25 14	0.20	3.85	66	66
9090024	D09-09-P005	3.86	93 3-	2 ACSR 6/1	1710	1544	1246	178	579	25 14	0.20	3.93	68	68
9090046	9090024	3.89	3 1-	2 ACSR 6/1	0	0	1232	178	5	0 0	0.00	1.60	0	0
9090048	9090046	3.96	2 1-	2 ACSR 6/1	0	0	1206	177	2	0 0	0.00	1.60	0	0
9090047	9090046	4.00	1 1-	2 ACSR 6/1	0	0	1193	177	3	0 0	0.00	1.60	0	0
9090026	9090024	3.91	85 3-	2 ACSR 6/1	1682	1517	1225	178	537	23 13	0.08	3.96	28	28
9090027	9090026	3.98	83 3-	2 ACSR 6/1	1646	1482	1199	177	531	23 13	0.11	3.99	37	37
9090030	9090027	4.05	75 3-	2 ACSR 6/1	1612	1449	1174	177	485	21 12	0.10	4.03	29	29
9090031	9090030	4.11	74 3-	2 ACSR 6/1	1584	1421	1153	176	475	20 12	0.08	4.06	25	25
9090038	9090031	4.18	73 3-	2 ACSR 6/1	1553	1392	1130	176	469	20 11	0.09	4.09	28	28
9090039	9090038	4.21	2 1-	2 ACSR 6/1	0	0	1122	175	3	0 0	0.00	1.57	0	0
9090018	9090038	4.24	71 3-	2 ACSR 6/1	1526	1366	1111	175	466	20 11	0.08	4.12	25	25
3990017	9090018	4.26	1 1-	1/0 ACSR 6/1	0	0	1105	175	0	0 0	0.00	5.11	0	0
3990033	3990017	4.33	1 1-	1/0 ACSR 6/1	0	0	1088	175	0	0 0	0.00	5.11	0	0
3990015	9090018	4.30	70 3-	2 ACSR 6/1	1501	1342	1093	175	465	20 11	0.08	4.15	24	24
3990016	3990015	4.36	67 3-	2 ACSR 6/1	1475	1317	1074	174	452	19 11	0.09	4.18	25	25
3990018	3990016	4.39	66 3-	2 ACSR 6/1	1462	1305	1064	174	445	19 11	0.04	4.19	13	13

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
3990024	3990018	4.42	48 3-	2 ACSR 6/1	1450	1294	1055	174	305	13	7	0.03	4.20	5
3990025	3990024	4.44	48 3-	2 ACSR 6/1	1444	1288	1051	174	305	13	7	0.01	4.20	3
3990026	3990025	4.71	46 3-	2 ACSR 6/1	1340	1190	976	172	294	12	7	0.26	4.29	49
3990029	3990026	4.95	33 1-	2 ACSR 6/1	0	0	919	170	235	31	17	0.21	6.40	41
3990030	3990029	5.03	32 1-	2 ACSR 6/1	0	0	903	169	232	30	17	0.07	6.46	12
3890011	3990030	5.08	1 1-	2 ACSR 6/1	0	0	892	169	4	0	0	0.00	6.46	0
3890009	3990030	5.35	31 1-	2 ACSR 6/1	0	0	837	167	228	30	17	0.28	6.74	53
3890007	3890009	5.46	30 1-	2 ACSR 6/1	0	0	818	167	225	29	17	0.09	6.83	16
3890006	3890007	5.66	29 1-	2 ACSR 6/1	0	0	784	165	218	29	16	0.17	7.00	30
4920033	3890006	5.70	21 1-	2 ACSR 6/1	0	0	776	165	145	19	11	0.03	7.02	3
4920044	4920033	5.82	17 1-	2 ACSR 6/1	0	0	757	164	141	18	10	0.06	7.09	7
4920023	4920044	5.92	1 1-	2 ACSR 6/1	0	0	742	163	12	1	1	0.00	7.09	0
4920036	4920044	5.87	16 1-	2 ACSR 6/1	0	0	749	164	129	17	10	0.03	7.11	3
4920045	4920036	5.91	15 1-	2 ACSR 6/1	0	0	743	164	120	16	9	0.02	7.13	1
4920050	4920045	6.02	1 1-	2 ACSR 6/1	0	0	727	163	18	2	1	0.00	7.13	0
4920046	4920045	6.15	12 1-	2 ACSR 6/1	0	0	710	162	84	11	6	0.07	7.20	5
4920051	4920046	6.20	2 1-	2 ACSR 6/1	0	0	702	162	24	3	2	0.00	7.20	0
4920040	4920046	6.29	9 1-	2 ACSR 6/1	0	0	691	161	59	7	4	0.03	7.23	1
4920047	4920040	6.39	3 1-	2 ACSR 6/1	0	0	677	160	21	2	2	0.01	7.24	0
4920034	4920047	6.51	1 1-	2 ACSR 6/1	0	0	663	160	7	0	1	0.00	7.24	0
4820009	4920034	6.55	1 1-	2 ACSR 6/1	0	0	658	159	7	0	1	0.00	7.24	0
4920042	4920040	6.32	1 1-	2 ACSR 6/1	0	0	686	161	10	1	1	0.00	7.23	0
4920041	4920040	6.33	4 1-	2 ACSR 6/1	0	0	685	161	22	2	2	0.00	7.24	0
4920043	4920041	6.52	1 1-	2 ACSR 6/1	0	0	661	160	1	0	0	0.00	7.24	0
4920037	4920041	6.47	3 1-	2 ACSR 6/1	0	0	667	160	21	2	2	0.01	7.25	0
4920035	4920037	6.54	2 1-	15 KV 2 URD XLP	0	0	659	320	14	1	1	0.00	7.25	0
4920038	4920037	6.52	1 1-	2 ACSR 6/1	0	0	662	160	7	0	1	0.00	7.25	0
4920025	4920038	6.57	1 1-	2 ACSR 6/1	0	0	655	159	7	0	1	0.00	7.25	0
4920039	4920046	6.18	0 1-	2 ACSR 6/1	0	0	705	162	0	0	0	0.00	7.20	0
4920024	4920036	6.05	1 1-	2 ACSR 6/1	0	0	724	163	9	1	1	0.00	7.11	0
4920032	3890006	5.71	7 1-	2 ACSR 6/1	0	0	774	165	72	9	5	0.02	7.01	0
4920027	4920032	5.74	4 1-	2 ACSR 6/1	0	0	770	165	45	6	3	0.00	7.02	0
4920029	4920027	5.78	2 1-	2 ACSR 6/1	0	0	764	164	19	2	1	0.00	7.02	0
4920030	4920029	5.82	1 1-	2 ACSR 6/1	0	0	757	164	10	1	1	0.00	7.02	0
4920028	4920027	5.78	1 1-	2 ACSR 6/1	0	0	763	164	9	1	1	0.00	7.02	0
4920026	4920032	5.78	2 1-	2 ACSR 6/1	0	0	764	164	17	2	1	0.00	7.01	0
4920031	3890006	5.75	1 1-	2 ACSR 6/1	0	0	768	165	0	0	0	0.00	7.00	0
4820007	4920031	5.79	0 1-	2 ACSR 6/1	0	0	761	164	0	0	0	0.00	7.00	0
3890008	3890007	5.51	1 1-	2 ACSR 6/1	0	0	809	166	7	0	1	0.00	6.83	0
4820006	3890008	5.70	1 1-	2 ACSR 6/1	0	0	776	165	7	0	1	0.00	6.84	0
4820005	3890008	5.53	0 1-	2 ACSR 6/1	0	0	805	166	0	0	0	0.00	6.83	0
3890010	3890009	5.50	1 1-	2 ACSR 6/1	0	0	810	166	2	0	0	0.00	6.74	0
3990019	3990026	4.84	12 1-	2 ACSR 6/1	0	0	945	171	56	7	4	0.02	1.54	1
3990031	3990019	4.87	11 1-	2 ACSR 6/1	0	0	938	171	52	6	4	0.01	1.55	0
3990032	3990031	4.90	10 1-	2 ACSR 6/1	0	0	932	170	43	5	3	0.00	1.55	0
3990028	3990032	5.28	9 1-	2 ACSR 6/1	0	0	851	168	42	5	3	0.06	1.61	2
9090032	3990028	5.42	8 1-	2 ACSR 6/1	0	0	824	167	39	5	3	0.02	1.63	0
9090036	9090032	5.49	3 1-	2 ACSR 6/1	0	0	813	166	15	1	1	0.00	1.63	0
9090037	9090036	5.55	1 1-	2 ACSR 6/1	0	0	801	166	8	1	1	0.00	1.63	0
9090033	9090032	5.57	4 1-	2 ACSR 6/1	0	0	798	166	14	1	1	0.01	1.63	0
9090034	9090033	5.64	2 1-	2 ACSR 6/1	0	0	786	165	10	1	1	0.00	1.63	0
9090035	9090034	5.83	1 1-	2 ACSR 6/1	0	0	756	164	8	1	1	0.00	1.64	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
3990021	3990018	4.44	17 1-	2 ACSR 6/1	0	0	1048	174	126	16	9	0.02	5.91	3
3990023	3990021	4.59	14 1-	2 ACSR 6/1	0	0	1008	173	88	11	6	0.05	5.96	3
3990027	3990023	4.92	13 1-	2 ACSR 6/1	0	0	926	170	82	10	6	0.10	6.06	7
3980002	3990027	5.13	12 1-	2 ACSR 6/1	0	0	881	169	72	9	5	0.05	6.12	3
9080019	3980002	5.19	11 1-	2 ACSR 6/1	0	0	870	168	64	8	5	0.01	6.13	0
9080020	9080019	5.23	10 1-	2 ACSR 6/1	0	0	861	168	53	7	4	0.01	6.14	0
9080021	9080020	5.47	9 1-	2 ACSR 6/1	0	0	816	166	48	6	3	0.04	6.17	1
9080022	9080021	5.50	8 1-	2 ACSR 6/1	0	0	810	166	36	4	3	0.00	6.18	0
9080029	9080022	5.55	1 1-	2 ACSR 6/1	0	0	801	166	4	0	0	0.00	6.18	0
9080023	9080022	5.54	4 1-	2 ACSR 6/1	0	0	804	166	21	2	2	0.00	6.18	0
9080025	9080023	5.64	3 1-	2 ACSR 6/1	0	0	786	165	14	1	1	0.00	6.19	0
9080027	9080025	5.74	1 1-	2 ACSR 6/1	0	0	770	165	4	0	0	0.00	6.19	0
9080026	9080025	5.72	1 1-	2 ACSR 6/1	0	0	773	165	8	1	1	0.00	6.19	0
9080028	9080026	5.81	1 1-	15 KV 2 URD XLP	0	0	759	342	8	1	1	0.00	6.19	0
9080024	9080023	5.60	1 1-	2 ACSR 6/1	0	0	793	166	7	0	1	0.00	6.18	0
3980004	3990027	4.97	1 1-	2 ACSR 6/1	0	0	916	170	9	1	1	0.00	6.06	0
3980003	3980004	5.06	1 1-	15 KV 2 URD XLP	0	0	897	367	9	1	1	0.00	6.07	0
3990022	3990021	4.55	2 1-	2 ACSR 6/1	0	0	1020	173	30	3	2	0.01	5.92	0
3990020	3990022	4.65	1 1-	15 KV 2 URD XLP	0	0	994	382	17	2	1	0.00	5.93	0
9090028	9090027	4.04	8 1-	2 ACSR 6/1	0	0	1177	177	46	6	3	0.01	5.33	0
9090029	9090028	4.07	4 1-	2 ACSR 6/1	0	0	1167	176	23	2	2	0.00	5.33	0
9090025	9090024	3.92	4 1-	2 ACSR 6/1	0	0	1220	177	28	3	2	0.00	1.60	0
9090051	9190071	3.75	1 1-	2 ACSR 6/1	0	0	1288	179	5	0	0	0.00	4.92	0
9190066	9190157	3.66	107 3-	1/0 ACSR 6/1	1821	1654	1329	180	598	26	11	0.00	3.80	13
9190158	9190066	3.73	1 1-	2 ACSR 6/1	0	0	1299	179	7	0	1	0.00	4.74	0
9190067	9190066	3.71	106 3-	1/0 ACSR 6/1	1796	1630	1310	179	591	25	11	0.00	3.82	14
9190160	9190067	3.75	105 3-	1/0 ACSR 6/1	1778	1613	1297	179	587	25	11	0.00	3.84	10
9190161	9190160	3.82	104 3-	1/0 ACSR 6/1	1747	1583	1273	179	580	25	11	0.00	3.86	19
9190163	9190161	3.99	1 1-	2 ACSR 6/1	0	0	1207	177	9	1	1	0.00	4.75	0
9190162	9190161	3.86	1 1-	2 ACSR 6/1	0	0	1258	178	5	0	0	0.00	4.74	0
9190152	9190161	3.95	102 3-	1/0 ACSR 6/1	1689	1528	1229	178	566	24	11	0.00	3.91	36
9190117	9190152	4.01	7 1-	2 ACSR 6/1	0	0	1205	178	39	5	3	0.01	5.35	0
9190118	9190117	4.08	6 1-	2 ACSR 6/1	0	0	1183	177	39	5	3	0.01	5.36	0
9190119	9190118	4.14	1 1-	2 ACSR 6/1	0	0	1163	177	1	0	0	0.00	5.36	0
9190120	9190119	4.19	1 1-	2 ACSR 6/1	0	0	1145	176	1	0	0	0.00	5.36	0
9190121	9190118	4.30	4 1-	2 ACSR 6/1	0	0	1110	175	35	4	3	0.02	5.38	0
9190122	9190121	4.35	2 1-	2 ACSR 6/1	0	0	1092	175	11	1	1	0.00	5.38	0
9190123	9190122	4.41	1 1-	2 ACSR 6/1	0	0	1074	175	4	0	0	0.00	5.38	0
9190116	9190152	4.03	92 3-	1/0 ACSR 6/1	1656	1496	1204	178	518	22	10	0.00	3.94	18
9190168	9190116	4.49	90 3-	1/0 ACSR 6/1	1485	1334	1076	175	504	22	10	0.01	4.10	100
10120066	9190168	4.57	89 3-	1/0 ACSR 6/1	1460	1312	1058	175	498	21	9	0.00	4.13	16
10120065	10120066	4.74	1 1-	2 ACSR 6/1	0	0	1011	174	5	0	0	0.00	5.85	0
10120076	10120065	4.78	1 1-	2 ACSR 6/1	0	0	999	173	5	0	0	0.00	5.85	0
10120033	10120076	4.80	0 1-	2 ACSR 6/1	0	0	995	173	0	0	0	0.00	5.85	0
10-12-P036-B	10120033	4.80	0 1-	Open	0	0	995	173	0	0	0	0.00	5.85	0
10120077	10120076	4.92	1 1-	2 ACSR 6/1	0	0	965	172	5	0	0	0.00	5.85	0
10120061	10120066	4.68	2 1-	2 ACSR 6/1	0	0	1027	174	31	4	2	0.01	4.77	0
10120064	10120061	4.82	1 1-	2 ACSR 6/1	0	0	988	173	8	1	1	0.00	4.77	0
10120062	10120061	4.75	1 1-	2 ACSR 6/1	0	0	1008	174	23	3	2	0.01	4.78	0
10120063	10120062	4.89	1 1-	2 ACSR 6/1	0	0	972	173	23	3	2	0.01	4.78	0
10120078	10120066	4.64	86 3-	1/0 ACSR 6/1	1438	1291	1041	175	461	20	9	0.00	4.15	14
10120079	10120078	4.77	85 3-	1/0 ACSR 6/1	1396	1252	1010	174	452	19	9	-0.01	4.19	27

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10120067	10120079	4.88	84 3-	1/0 ACSR 6/1	1365	1222	987	173	443	19	8	-0.01	4.22	22
10120068	10120067	4.96	82 3-	1/0 ACSR 6/1	1343	1202	971	173	431	18	8	-0.01	4.24	15
10120070	10120068	5.01	80 3-	1/0 ACSR 6/1	1328	1188	960	173	422	18	8	0.00	4.26	11
10120080	10120070	5.06	2 1-	2 ACSR 6/1	0	0	948	172	12	1	1	0.00	4.73	0
10120081	10120080	5.11	1 1-	2 ACSR 6/1	0	0	938	172	8	1	1	0.00	4.73	0
10120071	10120070	5.06	78 3-	1/0 ACSR 6/1	1315	1176	951	172	409	17	8	0.00	4.27	9
10120072	10120071	5.09	77 3-	1/0 ACSR 6/1	1307	1168	944	172	398	17	8	0.00	4.28	6
10120073	10120072	5.12	76 3-	1/0 ACSR 6/1	1298	1160	938	172	393	17	8	0.00	4.29	6
10120054	10120073	5.16	72 3-	1/0 ACSR 6/1	1288	1151	931	172	370	16	7	0.00	4.30	6
D10-12-P015	10120054	5.16	0 1-	REC-35-H	0	0	931	172	0	0	0	0.00	6.33	0
10120034	D10-12-P015	5.51	0 1-	2 ACSR 6/1	0	0	859	169	0	0	0	0.00	6.33	0
10120055	10120054	5.23	71 3-	1/0 ACSR 6/1	1272	1136	919	172	357	15	7	0.00	4.31	10
10120056	10120055	5.28	69 3-	1/0 ACSR 6/1	1258	1123	909	171	342	15	7	0.00	4.33	8
10120057	10120056	5.34	68 3-	1/0 ACSR 6/1	1244	1110	898	171	331	14	6	0.00	4.34	8
10120058	10120057	5.39	68 3-	1/0 ACSR 6/1	1233	1100	890	171	331	14	6	0.00	4.35	6
10120060	10120058	5.51	54 1-	2 ACSR 6/1	0	0	866	170	252	33	19	0.11	6.60	24
10120082	10120060	5.79	53 1-	2 ACSR 6/1	0	0	815	168	251	33	19	0.26	6.86	53
10130013	10120082	6.04	51 1-	2 ACSR 6/1	0	0	773	166	237	31	18	0.22	7.09	44
10130020	10130013	6.10	0 1-	2 ACSR 6/1	0	0	763	166	0	0	0	0.00	7.09	0
10130014	10130013	6.16	50 1-	2 ACSR 6/1	0	0	754	165	232	30	17	0.11	7.19	20
10030033	10130014	6.24	49 1-	2 ACSR 6/1	0	0	742	165	227	30	17	0.07	7.26	13
10030034	10030033	6.51	48 1-	2 ACSR 6/1	0	0	704	163	221	29	16	0.23	7.49	41
10030035	10030034	6.64	47 1-	2 ACSR 6/1	0	0	687	162	211	28	16	0.10	7.59	18
10030036	10030035	6.66	2 1-	2 ACSR 6/1	0	0	684	162	20	2	1	0.00	7.59	0
10030044	10030036	6.71	1 1-	2 ACSR 6/1	0	0	679	162	9	1	1	0.00	7.59	0
10030038	10030035	6.82	45 1-	2 ACSR 6/1	0	0	665	161	191	25	14	0.13	7.72	20
10030039	10030038	6.87	6 1-	2 ACSR 6/1	0	0	659	161	27	3	2	0.00	7.73	0
10030042	10030039	6.93	4 1-	2 ACSR 6/1	0	0	652	160	19	2	1	0.00	7.73	0
10030037	10030038	6.86	38 1-	2 ACSR 6/1	0	0	661	161	156	20	12	0.02	7.74	3
10030016	10030037	6.95	34 1-	2 ACSR 6/1	0	0	649	160	135	18	10	0.05	7.79	6
10040032	10030016	7.03	32 1-	2 ACSR 6/1	0	0	640	160	122	16	9	0.03	7.83	3
10040030	10040032	7.10	29 1-	2 ACSR 6/1	0	0	633	159	105	14	8	0.03	7.85	2
10040029	10040030	7.20	28 1-	2 ACSR 6/1	0	0	623	159	104	13	8	0.04	7.89	3
10040027	10040029	7.27	1 1-	2 ACSR 6/1	0	0	615	158	5	0	0	0.00	7.89	0
10040026	10040029	7.22	5 1-	2 ACSR 6/1	0	0	620	159	12	1	1	0.00	7.89	0
10040008	10040029	7.32	22 1-	2 ACSR 6/1	0	0	610	158	86	11	6	0.04	7.93	3
4940032	10040008	7.41	6 1-	2 ACSR 6/1	0	0	601	157	34	4	3	0.01	7.95	0
10040028	4940032	7.50	6 1-	2 ACSR 6/1	0	0	592	157	34	4	3	0.01	7.96	0
10040021	10040028	7.58	1 1-	2 ACSR 6/1	0	0	585	156	8	1	1	0.00	7.96	0
10040025	10040028	7.60	5 1-	2 ACSR 6/1	0	0	583	156	26	3	2	0.01	7.97	0
10040022	10040025	7.64	4 1-	2 ACSR 6/1	0	0	579	156	16	2	1	0.00	7.97	0
10040024	10040022	8.00	0 1-	2 ACSR 6/1	0	0	548	154	0	0	0	0.00	7.97	0
10040023	10040022	7.80	2 1-	2 ACSR 6/1	0	0	565	155	7	0	1	0.00	7.97	0
4940025	10040008	7.41	16 1-	2 ACSR 6/1	0	0	601	157	52	6	4	0.02	7.95	0
4940027	4940025	7.48	14 1-	2 ACSR 6/1	0	0	595	157	45	6	4	0.01	7.96	0
4940033	4940027	7.53	13 1-	2 ACSR 6/1	0	0	590	157	38	5	3	0.01	7.97	0
4940034	4940033	7.59	2 1-	2 ACSR 6/1	0	0	584	156	5	0	0	0.00	7.97	0
4940016	4940033	7.65	11 1-	2 ACSR 6/1	0	0	579	156	34	4	3	0.01	7.98	0
4940020	4940016	7.75	1 1-	2 ACSR 6/1	0	0	570	155	6	0	0	0.00	7.99	0
4940019	4940016	7.68	9 1-	2 ACSR 6/1	0	0	576	156	24	3	2	0.00	7.99	0
4940035	4940019	8.12	1 1-	2 ACSR 6/1	0	0	539	153	6	0	0	0.00	7.99	0
4940021	4940019	7.70	8 1-	2 ACSR 6/1	0	0	574	156	19	2	1	0.00	7.99	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
4940022	4940021	7.81	6 1-	2 ACSR 6/1	0	0	564	155	15	1	1	0.01	8.00	0
4940024	4940022	7.93	1 1-	2 ACSR 6/1	0	0	554	154	5	0	0	0.00	8.00	0
4940018	4940022	7.87	3 1-	2 ACSR 6/1	0	0	559	155	4	0	0	0.00	8.00	0
4940023	4940018	7.93	1 1-	2 ACSR 6/1	0	0	554	154	0	0	0	0.00	8.00	0
4940017	4940022	7.96	2 1-	2 ACSR 6/1	0	0	551	154	5	0	0	0.00	8.00	0
4940026	4940025	7.46	2 1-	2 ACSR 6/1	0	0	596	157	7	0	1	0.00	7.95	0
10040031	10030016	6.98	2 1-	2 ACSR 6/1	0	0	646	160	13	1	1	0.00	7.79	0
10030040	10030037	6.95	4 1-	2 ACSR 6/1	0	0	650	160	21	2	2	0.01	7.75	0
10030030	10030040	7.05	2 1-	2 ACSR 6/1	0	0	639	160	16	2	1	0.01	7.76	0
10040034	10030030	7.11	1 1-	2 ACSR 6/1	0	0	632	159	15	2	1	0.00	7.76	0
10030032	10130014	6.20	1 1-	2 ACSR 6/1	0	0	748	165	5	0	0	0.00	7.19	0
10130012	10120082	5.91	1 1-	2 ACSR 6/1	0	0	794	167	5	0	0	0.00	6.87	0
10120059	10120058	5.56	1 1-	2 ACSR 6/1	0	0	856	170	9	1	1	0.00	4.70	0
10120085	10120058	5.51	13 1-	2 ACSR 6/1	0	0	865	170	70	9	5	0.03	4.73	2
10020007	10120085	5.58	12 1-	2 ACSR 6/1	0	0	852	169	70	9	5	0.02	4.75	0
10020009	10020007	5.89	10 1-	2 ACSR 6/1	0	0	797	167	52	6	4	0.05	4.80	2
10030041	10020009	5.94	9 1-	2 ACSR 6/1	0	0	788	167	41	5	3	0.01	4.81	0
10030015	10030041	6.09	8 1-	2 ACSR 6/1	0	0	764	166	35	4	3	0.02	4.82	0
4930005	10030015	6.14	3 1-	2 ACSR 6/1	0	0	756	166	12	1	1	0.00	4.83	0
4930004	10030015	6.35	2 1-	2 ACSR 6/1	0	0	726	164	6	0	0	0.00	4.83	0
4930003	10030015	6.17	2 1-	2 ACSR 6/1	0	0	753	165	7	0	1	0.00	4.83	0
10030031	10030041	6.05	1 1-	2 ACSR 6/1	0	0	771	166	6	0	0	0.00	4.81	0
10020008	10020007	5.65	0 1-	2 ACSR 6/1	0	0	839	169	0	0	0	0.00	4.75	0
10120074	10120073	5.18	4 1-	2 ACSR 6/1	0	0	926	172	23	3	2	0.00	6.30	0
10120075	10120074	5.23	3 1-	2 ACSR 6/1	0	0	914	171	17	2	1	0.00	6.31	0
10120069	10120068	5.05	2 1-	2 ACSR 6/1	0	0	949	172	10	1	1	0.00	6.17	0
10120087	10120069	5.12	1 1-	2 ACSR 6/1	0	0	933	172	7	0	0	0.00	6.17	0
9190151	9190152	4.08	3 1-	2 ACSR 6/1	0	0	1183	177	8	1	1	0.00	4.75	0
9190159	9190067	3.74	1 1-	2 ACSR 6/1	0	0	1300	179	4	0	0	0.00	1.60	0
9190068	9190143	3.22	4 1-	2 ACSR 6/1	0	0	1513	182	26	3	2	0.00	4.61	0
9190149	9190068	3.26	2 1-	2 ACSR 6/1	0	0	1491	181	14	1	1	0.00	4.61	0
9190167	9190149	3.32	1 1-	15 KV 2 URD XLP	0	0	1464	435	1	0	0	0.00	4.61	0
9190148	9190068	3.27	2 1-	2 ACSR 6/1	0	0	1487	181	11	1	1	0.00	4.61	0
9190178	9190148	3.35	1 1-	15 KV 2 URD XLP	0	0	1448	433	0	0	0	0.00	4.61	0
9190134	9190131	2.62	1 1-	2 ACSR 6/1	0	0	1813	184	12	1	1	0.00	3.60	0
9190132	9190131	2.62	3 1-	2 ACSR 6/1	0	0	1813	184	25	3	2	0.00	4.07	0
9190133	9190132	2.65	2 1-	2 ACSR 6/1	0	0	1789	184	19	2	1	0.00	4.07	0
9190175	9190133	2.72	1 1-	2 ACSR 6/1	0	0	1739	183	10	1	1	0.00	4.07	0
9190126	9190124	2.50	5 1-	2 ACSR 6/1	0	0	1876	185	16	2	1	0.00	3.57	0
9190127	9190126	2.54	3 1-	2 ACSR 6/1	0	0	1845	184	10	1	1	0.00	3.57	0
9190129	9190127	2.58	2 1-	2 ACSR 6/1	0	0	1817	184	6	0	0	0.00	3.57	0
9190130	9190129	2.62	1 1-	2 ACSR 6/1	0	0	1785	184	0	0	0	0.00	3.57	0
9190128	9190127	2.57	1 1-	2 ACSR 6/1	0	0	1823	184	4	0	0	0.00	3.57	0
9280150	9280186	2.13	5 1-	2 ACSR 6/1	0	0	2054	185	41	5	3	0.02	3.23	0
9280156	9280150	2.16	1 1-	2 ACSR 6/1	0	0	2021	185	10	1	1	0.00	3.23	0
9280151	9280150	2.18	3 1-	2 ACSR 6/1	0	0	2002	185	23	2	2	0.00	3.24	0
9280171	9280151	2.26	1 1-	2 ACSR 6/1	0	0	1931	184	3	0	0	0.00	3.24	0
9280157	9280151	2.28	2 1-	2 ACSR 6/1	0	0	1913	184	20	2	1	0.00	3.24	0
9280184	9280185	1.97	2 1-	2 ACSR 6/1	0	0	2187	186	26	3	2	0.00	3.45	0
9280155	9280184	2.02	1 1-	2 ACSR 6/1	0	0	2132	185	14	1	1	0.00	3.45	0

CKT 3 total losses: \$33,585

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 50	PINE MNT(50)				2266	2345	2528	352	9147						
SUB 50,	CKT 1		327												
BK5001+	PINE MNT(50)	0.00	170	3-	BK5001	2266	2345	2528	352	867	19	5	0.00	0.00	0
37570058+	BK5001	0.08	170	3-	1/0 ACSR 6/1	2241	2317	2484	351	867	19	8	0.01	0.01	8
37570059+	37570058	0.16	170	3-	1/0 ACSR 6/1	2214	2285	2435	350	867	19	8	0.01	0.03	9
37570076+	37570059	0.28	170	3-	336 ACSR 18/1	2188	2250	2384	349	867	19	4	0.01	0.03	4
37570077+	37570076	0.33	170	3-	336 ACSR 18/1	2177	2236	2364	349	867	19	4	0.00	0.04	2
37570074+	37570077	0.38	170	3-	336 ACSR 18/1	2166	2222	2343	349	867	19	4	0.00	0.04	2
37570088+	37570074	0.65	170	3-	336 ACSR 18/1	2112	2151	2243	348	867	19	4	0.02	0.05	9
37570089+	37570088	0.72	170	3-	336 ACSR 18/1	2097	2131	2215	347	867	19	4	0.00	0.06	3
37570007+	37570089	1.99	170	3-	336 ACSR 18/1	1871	1853	1838	341	866	19	4	0.07	0.13	43
37480007+	37570007	2.31	170	3-	336 ACSR 18/1	1822	1795	1763	340	866	19	4	0.02	0.15	11
37-48-P019-B+	37480007	2.31	170	3-	Closed	1822	1795	1763	340	866	19	0	0.00	0.15	0
37-48-P019-A+	37-48-P019-B	2.31	170	3-	Closed	1822	1795	1763	340	866	19	0	0.00	0.15	0
37480008+	37-48-P019-A	2.47	170	3-	336 ACSR 18/1	1798	1767	1727	339	866	19	4	0.01	0.16	5
37480012+	37480008	2.53	1	1-	2 ACSR 6/1	0	0	1709	338	2	0	0	0.00	0.20	0
37480006+	37480008	2.59	169	3-	336 ACSR 18/1	1781	1747	1702	338	864	19	4	0.01	0.17	4
D37-49-P004+	37480006	2.59	7	1-	REC-35-E	0	0	1702	338	40	2	8	0.00	0.21	0
37490038+	D37-49-P004	2.74	7	1-	2 ACSR 6/1	0	0	1654	336	40	2	2	0.01	0.21	0
37490039+	37490038	2.80	6	1-	2 ACSR 6/1	0	0	1635	335	37	2	1	0.00	0.22	0
37490040+	37490039	2.88	3	1-	2 ACSR 6/1	0	0	1612	334	24	1	1	0.00	0.22	0
37490042+	37490040	2.95	0	1-	2 ACSR 6/1	0	0	1589	333	0	0	0	0.00	0.22	0
37490041+	37490040	2.94	2	1-	2 ACSR 6/1	0	0	1592	333	15	0	1	0.00	0.22	0
37490010+	37480006	2.75	162	3-	336 ACSR 18/1	1758	1721	1668	338	824	18	3	0.01	0.18	5
37490029+	37490010	2.79	148	3-	2/0 ACSR 6/1	1750	1712	1657	337	775	17	6	0.01	0.18	3
37490028+	37490029	2.82	147	3-	2/0 ACSR 6/1	1745	1706	1650	337	775	17	6	0.00	0.19	2
D37-49-P020+	37490028	2.82	147	3-	ER3-WVE-300/140	1745	1706	1650	337	774	17	12	0.00	0.19	0
37490037+	D37-49-P020	2.89	147	3-	2/0 ACSR 6/1	1732	1692	1633	336	774	17	6	0.01	0.19	5
37490036+	37490037	2.97	146	3-	2/0 ACSR 6/1	1716	1674	1611	336	766	17	6	0.01	0.20	6
37390027+	37490036	2.99	1	1-	2 ACSR 6/1	0	0	1604	335	9	0	0	0.00	0.24	0
37390026+	37490036	3.04	144	3-	2/0 ACSR 6/1	1702	1659	1593	335	746	16	6	0.01	0.21	5
37390037+	37390026	3.14	143	3-	2/0 ACSR 6/1	1683	1638	1568	334	737	16	6	0.01	0.22	6
37390038+	37390037	3.27	143	3-	2/0 ACSR 6/1	1660	1614	1539	333	737	16	6	0.02	0.24	8
37380033+	37390038	3.52	143	3-	2/0 ACSR 6/1	1616	1566	1482	331	737	16	6	0.03	0.27	16
37380023+	37380033	3.60	141	3-	2/0 ACSR 6/1	1603	1551	1465	330	726	16	6	0.01	0.27	5
37380021+	37380023	3.68	141	3-	2/0 ACSR 6/1	1588	1535	1447	329	726	16	6	0.01	0.28	5
37380024+	37380021	3.95	141	3-	2/0 ACSR 6/1	1545	1489	1394	327	726	16	6	0.04	0.31	16
37380026+	37380024	4.00	140	3-	2/0 ACSR 6/1	1538	1480	1384	326	725	16	6	0.01	0.32	3
37380027+	37380026	4.05	1	1-	2 ACSR 6/1	0	0	1373	326	2	0	0	0.00	0.37	0
37380025+	37380026	4.11	138	3-	2/0 ACSR 6/1	1520	1461	1363	325	717	16	6	0.02	0.33	7
37380029+	37380025	4.16	136	3-	2/0 ACSR 6/1	1513	1454	1354	325	702	15	6	0.01	0.34	3
37380031+	37380029	4.31	136	3-	2/0 ACSR 6/1	1490	1429	1327	324	702	15	6	0.02	0.35	9
37380032+	37380031	4.41	129	3-	2/0 ACSR 6/1	1475	1413	1309	323	661	14	5	0.02	0.36	5
37380030+	37380032	4.49	2	1-	2 ACSR 6/1	0	0	1293	322	10	0	0	0.00	0.42	0
37380018+	37380032	4.58	126	3-	2/0 ACSR 6/1	1451	1388	1281	321	644	14	5	0.02	0.38	8
37380017+	37380018	4.69	125	3-	2/0 ACSR 6/1	1435	1371	1262	321	640	14	5	0.02	0.39	6
37280010+	37380017	4.86	124	3-	2/0 ACSR 6/1	1411	1346	1235	319	632	14	5	0.03	0.41	8
37280009+	37280010	5.03	122	3-	2/0 ACSR 6/1	1389	1322	1210	318	616	13	5	0.02	0.42	8
37280007+	37280009	5.08	3	1-	2 ACSR 6/1	0	0	1202	317	7	0	0	0.00	0.30	0
37280002+	37280009	5.10	119	3-	2/0 ACSR 6/1	1380	1313	1200	317	609	13	5	0.01	0.43	3
37270017+	37280002	5.61	119	3-	2/0 ACSR 6/1	1317	1247	1130	313	609	13	5	0.07	0.47	23
37270016+	37270017	5.79	117	3-	2/0 ACSR 6/1	1296	1225	1107	311	598	13	5	0.03	0.49	8

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37270003+	37270016	5.83	1 1-	2 ACSR 6/1	0	0	1101	311	12	0	0	0.00	0.61	0
37270004+	37270003	5.88	0 1-	2 ACSR 6/1	0	0	1093	310	0	0	0	0.00	0.61	0
372700026+	37270003	5.86	1 1-	2 ACSR 6/1	0	0	1097	310	12	0	0	0.00	0.61	0
37270025+	37270016	5.87	116 3-	2/0 ACSR 6/1	1287	1216	1097	311	587	13	5	0.01	0.50	3
37270020+	37270025	5.94	115 3-	2/0 ACSR 6/1	1279	1207	1088	310	581	12	5	0.01	0.50	3
D37-27-P019+	37270020	5.94	32 1-	REC-25-E	0	0	1088	310	175	11	47	0.00	0.63	0
37270021+	D37-27-P019	5.97	32 1-	2 ACSR 6/1	0	0	1084	310	175	11	7	0.01	0.63	0
37270022+	37270021	5.98	32 1-	2 ACSR 6/1	0	0	1082	310	175	11	7	0.00	0.64	0
37270023+	37270022	6.06	30 1-	2 ACSR 6/1	0	0	1071	309	159	10	6	0.01	0.65	1
37170033+	37270023	6.11	25 1-	2 ACSR 6/1	0	0	1064	308	141	9	5	0.01	0.66	0
37170034+	37170033	6.14	24 1-	2 ACSR 6/1	0	0	1059	307	132	8	5	0.00	0.66	0
37170035+	37170034	6.24	19 1-	2 ACSR 6/1	0	0	1045	306	112	7	4	0.01	0.67	0
37170031+	37170035	6.27	18 1-	2 ACSR 6/1	0	0	1041	306	102	6	4	0.00	0.67	0
37170023+	37170031	6.35	17 1-	2 ACSR 6/1	0	0	1030	305	97	6	4	0.01	0.68	0
37170024+	37170023	6.40	0 1-	2 ACSR 6/1	0	0	1023	304	0	0	0	0.00	0.68	0
37170021+	37170023	6.74	17 1-	2 ACSR 6/1	0	0	980	300	97	6	4	0.04	0.72	3
37180006+	37170021	6.81	16 1-	2 ACSR 6/1	0	0	972	299	89	5	3	0.01	0.72	0
37180007+	37180006	6.90	14 1-	2 ACSR 6/1	0	0	960	298	77	5	3	0.01	0.73	0
37180008+	37180007	6.99	12 1-	2 ACSR 6/1	0	0	950	297	68	4	3	0.01	0.74	0
37180010+	37180008	7.12	10 1-	2 ACSR 6/1	0	0	935	295	53	3	2	0.01	0.74	0
20850994+	37180010	8.06	9 1-	2 ACSR 6/1	0	0	837	284	47	3	2	0.04	0.78	1
20850995+	20850994	8.13	7 1-	2 ACSR 6/1	0	0	831	284	34	2	1	0.00	0.78	0
37190009+	20850995	8.17	1 1-	2 ACSR 6/1	0	0	827	283	4	0	0	0.00	0.78	0
20850940+	20850995	8.16	6 1-	2 ACSR 6/1	0	0	829	283	30	1	1	0.00	0.79	0
D37-19-P003+	20850940	8.16	2 1-	REC-15-E	0	0	829	283	15	1	7	0.00	0.79	0
37190008+	D37-19-P003	8.22	2 1-	2 ACSR 6/1	0	0	823	283	15	1	1	0.00	0.79	0
37190003+	20850940	8.17	4 1-	2 ACSR 6/1	0	0	827	283	14	0	0	0.00	0.79	0
37-19-P003-B+	37190003	8.17	4 1-	Closed	0	0	827	283	14	0	0	0.00	0.79	0
37-19-P003-A+	37-19-P003-B	8.17	4 1-	Closed	0	0	827	283	14	0	0	0.00	0.79	0
37190007+	37-19-P003-A	8.83	4 1-	2 ACSR 6/1	0	0	770	276	14	0	1	0.01	0.79	0
37290012+	37190007	8.85	3 1-	2 ACSR 6/1	0	0	769	276	11	0	0	0.00	0.79	0
37-29-P003-B+	37290012	8.85	3 1-	Closed	0	0	769	276	11	0	0	0.00	0.79	0
37-29-P003-A+	37-29-P003-B	8.85	3 1-	Closed	0	0	769	276	11	0	0	0.00	0.79	0
37290002+	37-29-P003-A	9.63	3 1-	2 ACSR 6/1	0	0	711	268	11	0	0	0.01	0.80	0
37290009+	37290002	9.68	2 1-	2 ACSR 6/1	0	0	708	267	11	0	0	0.00	0.80	0
37290010+	37290009	9.72	1 1-	2 ACSR 6/1	0	0	705	267	11	0	0	0.00	0.80	0
37290008+	37290002	9.73	1 1-	2 ACSR 6/1	0	0	705	267	0	0	0	0.00	0.80	0
37290011+	37290002	9.71	0 1-	2 ACSR 6/1	0	0	706	267	0	0	0	0.00	0.80	0
37180009+	37180008	7.07	2 1-	2 ACSR 6/1	0	0	941	296	15	1	1	0.00	0.74	0
37170032+	37270023	6.12	3 1-	2 ACSR 6/1	0	0	1062	308	12	0	0	0.00	0.65	0
37270019+	37270020	5.98	2 1-	2 ACSR 6/1	0	0	1082	310	4	0	0	0.00	0.63	0
37270024+	37270019	6.04	0 1-	2 ACSR 6/1	0	0	1074	309	0	0	0	0.00	0.63	0
37270018+	37270020	6.00	80 3-	4/0 ACSR 6/1	1273	1202	1082	310	401	8	3	0.00	0.51	0
37170036+	37270018	6.19	78 3-	4/0 ACSR 6/1	1255	1183	1061	309	390	8	3	0.00	0.51	2
37170025+	37170036	6.28	76 3-	4/0 ACSR 6/1	1246	1174	1052	308	383	8	3	0.00	0.52	0
37170030+	37170025	6.35	4 1-	2 ACSR 6/1	0	0	1043	307	20	1	1	0.00	0.56	0
37170026+	37170025	6.37	71 3-	4/0 ACSR 6/1	1239	1166	1043	307	359	8	2	0.00	0.52	0
37170028+	37170026	6.43	71 3-	4/0 ACSR 6/1	1233	1160	1037	307	359	8	2	0.00	0.52	0
37170029+	37170028	6.49	69 3-	4/0 ACSR 6/1	1228	1155	1031	307	349	7	2	0.00	0.52	0
37170027+	37170029	6.56	68 3-	4/0 ACSR 6/1	1222	1149	1024	306	346	7	2	0.00	0.53	0
37170022+	37170027	6.62	1 1-	2 ACSR 6/1	0	0	1017	305	5	0	0	0.00	0.37	0
37170004+	37170027	6.65	67 3-	4/0 ACSR 6/1	1214	1141	1015	306	341	7	2	0.00	0.53	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37160049+	37170004	6.70	1 1-	2 ACSR 6/1	0	0	1009	305	1	0	0	0.00	0.64	0
37160042+	37170004	6.78	66 3-	4/0 ACSR 6/1	1202	1129	1003	305	340	7	2	0.00	0.53	1
37160041+	37160042	6.85	65 3-	4/0 ACSR 6/1	1197	1123	997	304	330	7	2	0.00	0.54	0
37160040+	37160041	6.91	1 1-	2 ACSR 6/1	0	0	989	304	11	0	0	0.00	0.65	0
37160039+	37160041	6.90	64 3-	4/0 ACSR 6/1	1193	1119	993	304	319	7	2	0.00	0.54	0
37160046+	37160039	7.02	1 1-	2 ACSR 6/1	0	0	977	302	4	0	0	0.00	0.65	0
37160048+	37160039	6.94	63 3-	4/0 ACSR 6/1	1189	1115	988	304	314	7	2	0.00	0.54	0
37160052+	37160048	6.99	1 3-	4/0 ACSR 6/1	1185	1111	984	303	0	0	0	0.00	0.54	0
37160047+	37160048	7.05	61 3-	4/0 ACSR 6/1	1180	1106	978	303	304	6	2	0.00	0.54	0
37160055+	37160047	7.12	60 3-	4/0 ACSR 6/1	1174	1100	972	303	298	6	2	0.00	0.55	0
37160054+	37160055	7.28	60 3-	4/0 ACSR 6/1	1162	1088	959	302	298	6	2	0.00	0.55	1
37160044+	37160054	7.36	56 3-	4/0 ACSR 6/1	1155	1081	952	301	279	6	2	0.00	0.55	0
37160051+	37160044	7.39	54 3-	4/0 ACSR 6/1	1153	1079	949	301	264	5	2	0.00	0.55	0
37160050+	37160051	7.43	53 3-	4/0 ACSR 6/1	1150	1076	946	301	249	5	2	0.00	0.55	0
20850939+	37160050	7.51	4 1-	2 ACSR 6/1	0	0	937	300	28	1	1	0.00	0.60	0
37160045+	20850939	7.56	2 1-	2 ACSR 6/1	0	0	932	299	17	1	1	0.00	0.60	0
20850531+	37160050	7.48	47 3-	4/0 ACSR 6/1	1146	1072	942	300	207	4	1	0.00	0.56	0
20850623+	20850531	7.53	46 3-	4/0 ACSR 6/1	1142	1068	938	300	198	4	1	0.00	0.56	0
20850622+	20850623	7.78	46 3-	4/0 ACSR 6/1	1123	1049	918	299	198	4	1	0.00	0.56	0
20850536+	20850622	7.80	1 1-	2 ACSR 6/1	0	0	916	298	4	0	0	0.00	0.65	0
37160018+	20850622	7.83	45 3-	4/0 ACSR 6/1	1120	1045	914	298	194	4	1	0.00	0.56	0
20850624+	37160018	7.90	3 1-	2 ACSR 6/1	0	0	907	297	12	0	0	0.00	0.65	0
20850697+	20850624	7.93	2 1-	2 ACSR 6/1	0	0	904	297	4	0	0	0.00	0.65	0
37160053+	20850697	7.97	1 1-	2 ACSR 6/1	0	0	899	296	1	0	0	0.00	0.65	0
20850698+	20850697	7.98	1 1-	2 ACSR 6/1	0	0	899	296	3	0	0	0.00	0.65	0
20850621+	37160018	7.86	42 3-	4/0 ACSR 6/1	1118	1043	912	298	182	4	1	0.00	0.56	0
20850620+	20850621	7.94	41 3-	4/0 ACSR 6/1	1112	1037	906	298	179	4	1	0.00	0.56	0
20850618+	20850620	8.11	31 3-	4/0 ACSR 6/1	1099	1025	893	297	157	3	1	0.00	0.57	0
37150003+	20850618	8.14	25 3-	4/0 ACSR 6/1	1097	1023	891	296	113	2	1	0.00	0.57	0
37150005+	37150003	8.56	24 3-	4/0 ACSR 6/1	1068	993	860	294	109	2	1	-0.01	0.57	1
37250012+	37150005	8.65	23 3-	4/0 ACSR 6/1	1062	987	854	293	105	2	1	0.00	0.57	0
37250011+	37250012	8.78	22 3-	4/0 ACSR 6/1	1054	979	846	293	102	2	1	0.00	0.57	0
37250014+	37250011	8.89	22 3-	4/0 ACSR 6/1	1046	972	839	292	102	2	1	0.00	0.58	0
37250013+	37250014	8.92	21 3-	4/0 ACSR 6/1	1044	970	837	292	99	2	1	0.00	0.58	0
37-25-P024-B+	37250013	8.92	21 3-	Closed	1044	970	837	292	99	2	0	0.00	0.58	0
37-25-P024-A+	37-25-P024-B	8.92	21 3-	Closed	1044	970	837	292	99	2	0	0.00	0.58	0
37250006+	37-25-P024-A	9.01	21 3-	4/0 ACSR 6/1	1039	964	831	291	99	2	1	0.00	0.58	0
20851208+	37250006	9.72	21 3-	4/0 ACSR 6/1	995	922	788	287	99	2	1	-0.02	0.58	2
20851124+	20851208	10.00	21 3-	4/0 ACSR 6/1	979	906	772	285	99	2	1	-0.01	0.59	0
20851017+	20851124	10.05	20 3-	4/0 ACSR 6/1	976	903	769	285	95	2	1	0.00	0.59	0
20851206+	20851017	10.18	19 3-	4/0 ACSR 6/1	969	896	762	284	93	2	1	0.00	0.59	0
20851205+	20851206	10.63	19 3-	4/0 ACSR 6/1	944	872	738	282	93	2	1	-0.01	0.59	1
37240023+	20851205	10.69	19 1-	2 ACSR 6/1	0	0	734	281	93	6	3	0.01	0.72	0
D37-24-P007+	37240023	10.69	19 1-	REC-35-E	0	0	734	281	93	6	18	0.00	0.72	0
37240017+	D37-24-P007	10.81	19 1-	2 ACSR 6/1	0	0	726	280	93	6	3	0.01	0.73	0
D37-24-P002+	37240017	10.81	1 1-	FUS	0	0	726	280	3	0	5	0.00	0.73	0
37240026+	D37-24-P002	10.89	1 1-	2 ACSR 6/1	0	0	721	279	3	0	0	0.00	0.73	0
37240022+	37240026	10.98	1 1-	2 ACSR 6/1	0	0	715	278	3	0	0	0.00	0.73	0
20850413+	37240017	11.10	18 1-	2 ACSR 6/1	0	0	707	276	90	6	3	0.03	0.76	2
20850414+	20850413	11.22	17 1-	2 ACSR 6/1	0	0	699	275	81	5	3	0.01	0.77	0
20850415+	20850414	11.34	0 1-	2 ACSR 6/1	0	0	692	274	0	0	0	0.00	0.77	0
37140008+	20850414	11.31	17 1-	2 ACSR 6/1	0	0	693	274	81	5	3	0.01	0.78	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D37-14-P004+	37140008	11.31	1 1-	FUS	0	0	693	274	0	0	0	0.00	0.78	0
37140026+	D37-14-P004	11.47	1 1-	2 ACSR 6/1	0	0	684	273	0	0	0	0.00	0.78	0
37140009+	37140008	11.42	16 1-	2 ACSR 6/1	0	0	687	273	81	5	3	0.01	0.79	0
37140025+	37140009	11.53	15 1-	2 ACSR 6/1	0	0	680	272	76	5	3	0.01	0.79	0
37140019+	37140025	11.59	14 1-	2 ACSR 6/1	0	0	676	271	71	4	3	0.00	0.80	0
37140022+	37140019	11.62	14 1-	2 ACSR 6/1	0	0	675	271	71	4	3	0.00	0.80	0
37140023+	37140022	11.65	13 1-	2 ACSR 6/1	0	0	673	271	70	4	3	0.00	0.80	0
37140024+	37140023	11.70	12 1-	2 ACSR 6/1	0	0	670	270	59	3	2	0.00	0.80	0
37140010+	37140024	11.97	12 1-	2 ACSR 6/1	0	0	655	267	59	3	2	0.02	0.82	0
37140027+	37140010	12.03	11 1-	2 ACSR 6/1	0	0	651	267	58	3	2	0.00	0.83	0
37140028+	37140027	12.21	11 1-	2 ACSR 6/1	0	0	641	265	58	3	2	0.01	0.84	0
37130015+	37140028	12.73	10 1-	2 ACSR 6/1	0	0	614	260	58	3	2	0.03	0.87	1
37030007+	37130015	13.13	10 1-	2 ACSR 6/1	0	0	594	256	58	3	2	0.02	0.89	0
20850752+	37030007	13.22	9 1-	2 ACSR 6/1	0	0	590	255	53	3	2	0.00	0.89	0
20850751+	20850752	13.28	1 1-	2 ACSR 6/1	0	0	587	255	5	0	0	0.00	0.89	0
20850750+	20850752	13.44	8 1-	2 ACSR 6/1	0	0	580	253	47	3	2	0.01	0.90	0
20850613+	20850750	13.49	7 1-	2 ACSR 6/1	0	0	578	253	37	2	1	0.00	0.90	0
37030006+	20850613	13.73	6 1-	2 ACSR 6/1	0	0	567	251	37	2	1	0.01	0.91	0
37130008+	37030006	13.84	6 1-	2 ACSR 6/1	0	0	562	250	37	2	1	0.00	0.92	0
37130009+	37130008	13.96	6 1-	2 ACSR 6/1	0	0	557	249	37	2	1	0.00	0.92	0
37130011+	37130009	14.01	6 1-	2 ACSR 6/1	0	0	555	248	37	2	1	0.00	0.92	0
37130013+	37130011	14.05	3 1-	2 ACSR 6/1	0	0	554	248	26	1	1	0.00	0.93	0
37130014+	37130013	14.20	3 1-	2 ACSR 6/1	0	0	547	246	26	1	1	0.00	0.93	0
20850756+	37130014	14.51	2 1-	2 ACSR 6/1	0	0	535	244	20	1	1	0.01	0.94	0
37120024+	20850756	14.53	2 1-	2 ACSR 6/1	0	0	534	244	20	1	1	0.00	0.94	0
37120027+	37120024	14.90	1 1-	2 ACSR 6/1	0	0	520	240	16	1	1	0.01	0.94	0
37120028+	37120027	15.02	1 1-	2 ACSR 6/1	0	0	516	239	16	1	1	0.00	0.94	0
37120019+	37120028	15.09	1 1-	2 ACSR 6/1	0	0	513	239	16	1	1	0.00	0.94	0
37-12-P012-B+	37120019	15.09	1 1-	Closed	0	0	513	239	16	1	0	0.00	0.94	0
37-12-P012-A+	37-12-P012-B	15.09	1 1-	Closed	0	0	513	239	16	1	0	0.00	0.94	0
37120025+	37-12-P012-A	15.16	1 1-	2 ACSR 6/1	0	0	511	238	16	1	1	0.00	0.95	0
37120026+	37120025	16.20	1 1-	2 ACSR 6/1	0	0	476	230	16	1	1	0.02	0.96	0
20850612+	37120026	16.26	1 1-	2 ACSR 6/1	0	0	474	230	16	1	1	0.00	0.96	0
37130012+	37130011	14.10	3 1-	2 ACSR 6/1	0	0	552	247	11	0	0	0.00	0.93	0
37130007+	37130008	13.88	0 1-	2 ACSR 6/1	0	0	561	249	0	0	0	0.00	0.92	0
37130010+	37140028	12.23	1 1-	2 ACSR 6/1	0	0	640	265	0	0	0	0.00	0.84	0
37140021+	37140010	12.00	1 1-	2 ACSR 6/1	0	0	653	267	1	0	0	0.00	0.82	0
37140020+	37140009	11.48	1 1-	2 ACSR 6/1	0	0	683	272	4	0	0	0.00	0.79	0
37250005+	37250011	8.85	0 1-	2 ACSR 6/1	0	0	839	292	0	0	0	0.00	0.64	0
20850619+	20850618	8.15	1 1-	2 ACSR 6/1	0	0	889	296	11	0	0	0.00	0.44	0
20850616+	20850620	7.99	7 1-	2 ACSR 6/1	0	0	900	297	16	1	1	0.00	0.65	0
20850617+	20850616	8.02	7 1-	2 ACSR 6/1	0	0	898	297	16	1	1	0.00	0.65	0
37150004+	20850617	8.07	1 1-	2 ACSR 6/1	0	0	892	296	7	0	0	0.00	0.65	0
20850614+	20850620	8.01	3 1-	2 ACSR 6/1	0	0	898	297	6	0	0	0.00	0.65	0
20850615+	20850614	8.08	1 1-	2 ACSR 6/1	0	0	891	296	5	0	0	0.00	0.65	0
20850537+	20850531	7.55	1 1-	2 ACSR 6/1	0	0	934	299	9	0	0	0.00	0.65	0
37160037+	37160054	7.35	2 1-	2 ACSR 6/1	0	0	951	301	10	0	0	0.00	0.65	0
37160038+	37160037	7.39	1 1-	2 ACSR 6/1	0	0	946	300	5	0	0	0.00	0.65	0
37160036+	37160054	7.29	0 1-	2 ACSR 6/1	0	0	957	302	0	0	0	0.00	0.59	0
37160043+	37160047	7.13	1 1-	2 ACSR 6/1	0	0	969	302	5	0	0	0.00	0.65	0
37280008+	37380017	4.73	1 1-	2 ACSR 6/1	0	0	1255	320	8	0	0	0.00	0.44	0
37380022+	37380031	4.34	5 1-	2 ACSR 6/1	0	0	1321	323	28	1	1	0.00	0.41	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
37380019+	37380022	4.47	2 1-	2 ACSR 6/1	0	0	1294	322	16	1	1	0.00	0.41	0
37380020+	37380019	4.59	2 1-	2 ACSR 6/1	0	0	1270	320	16	1	1	0.00	0.41	0
37380028+	37380025	4.18	1 1-	2 ACSR 6/1	0	0	1347	324	6	0	0	0.00	0.36	0
37390013+	37390037	3.18	0 1-	2 ACSR 6/1	0	0	1558	334	0	0	0	0.00	0.27	0
37490034+	37490010	2.79	14 3-	336 ACSR 18/1	1753	1715	1660	337	48	1	0	0.00	0.18	0
37-49-P042-B+	37490034	2.79	14 3-	Closed	1753	1715	1660	337	48	1	0	0.00	0.18	0
37-49-P042-A+	37-49-P042-B	2.79	14 3-	Closed	1753	1715	1660	337	48	1	0	0.00	0.18	0
37490046+	37-49-P042-A	2.80	14 3-	336 ACSR 18/1	1752	1713	1658	337	48	1	0	0.00	0.18	0
37490035+	37490046	2.86	13 3-	336 ACSR 18/1	1743	1703	1646	337	48	1	0	0.00	0.18	0
37490033+	37490035	2.91	3 1-	2 ACSR 6/1	0	0	1630	336	7	0	0	0.00	0.22	0
37490032+	37490035	2.97	8 3-	336 ACSR 18/1	1729	1687	1625	337	38	0	0	0.00	0.18	0
37490008+	37490032	3.01	3 1-	2 ACSR 6/1	0	0	1613	336	7	0	0	0.00	0.22	0
37490031+	37490008	3.06	1 1-	2 ACSR 6/1	0	0	1597	335	1	0	0	0.00	0.22	0
37490030+	37490008	3.04	2 1-	2 ACSR 6/1	0	0	1602	335	6	0	0	0.00	0.22	0
37490009+	37490032	3.05	5 3-	336 ACSR 18/1	1717	1674	1609	336	31	0	0	0.00	0.18	0
37490044+	37490009	3.26	4 3-	336 ACSR 18/1	1690	1643	1571	335	20	0	0	0.00	0.18	0
37390036+	37490044	3.28	3 1-	2 ACSR 6/1	0	0	1565	335	17	1	1	0.00	0.18	0
37390045+	37390036	3.32	2 1-	2 ACSR 6/1	0	0	1554	334	15	1	1	0.00	0.18	0
37390047+	37390045	3.36	1 1-	2 ACSR 6/1	0	0	1543	334	3	0	0	0.00	0.18	0
37390033+	37490044	3.40	1 3-	336 ACSR 18/1	1672	1622	1545	334	3	0	0	0.00	0.18	0
37390044+	37390033	3.45	0 3-	336 ACSR 18/1	1665	1615	1536	334	0	0	0	0.00	0.18	0
37-39-P008-B+	37390044	3.45	0 3-	Open	1665	1615	1536	334	0	0	0	0.00	0.18	0
37390032+	37390033	3.46	0 1-	2 ACSR 6/1	0	0	1530	334	0	0	0	0.00	0.14	0
D37-39-P026+	37390032	3.46	0 1-	REC-50-E	0	0	1540	334	0	0	0	0.00	0.14	0
37390034+	D37-39-P026	3.78	0 1-	2 ACSR 6/1	0	0	1437	329	0	0	0	0.00	0.14	0
37490043+	37490009	3.09	1 1-	2 ACSR 6/1	0	0	1599	336	11	0	0	0.00	0.14	0
CKT 1	total losses:	\$295												

SUB 50, CKT 2

BK5002+	PINE MNT(50)	0.00	11 3-	BK5002	2266	2345	2528	352	7522	170	90	0.00	0.00	0
37570060+	BK5002	0.07	11 3-	336 ACSR 18/1	2243	2319	2486	351	7522	170	32	0.04	0.04	183
37570061+	37570060	0.11	11 3-	336 ACSR 18/1	2230	2304	2464	351	7520	170	32	0.02	0.06	99
37570056+	37570061	0.16	11 3-	336 ACSR 18/1	2214	2286	2435	350	7520	170	32	0.03	0.09	132
37570070+	37570056	0.27	1 1-	2 ACSR 6/1	0	0	2369	348	0	0	0	0.00	0.09	0
37570078+	37570056	0.28	10 3-	336 ACSR 18/1	2188	2251	2384	349	7518	170	32	0.07	0.16	313
37570079+	37570078	0.33	9 3-	336 ACSR 18/1	2177	2236	2364	349	7508	170	32	0.03	0.19	133
37570055+	37570079	0.38	7 3-	336 ACSR 18/1	2166	2222	2344	349	7494	169	32	0.03	0.22	130
37570073+	37570055	0.42	5 3-	336 ACSR 18/1	2158	2210	2327	349	7479	169	32	0.02	0.25	106
37570090+	37570073	0.65	2 3-	336 ACSR 18/1	2112	2151	2243	348	7460	169	32	0.13	0.38	570
37570075+	37570090	0.68	2 3-	336 ACSR 18/1	2104	2141	2229	347	7455	169	32	0.02	0.40	99
37570009+	37570075	0.72	2 3-	336 ACSR 18/1	2097	2131	2215	347	7454	169	32	0.02	0.42	101
37570094+	37570009	0.93	2 3-	336 ACSR 18/1	2056	2079	2143	346	7450	177	34	0.15	0.58	596
37470004+	37570094	0.94	2 3-	336 ACSR 18/1	2055	2077	2141	346	7445	177	34	0.00	0.58	18
37-47-P002-B+	37470004	0.94	2 3-	Closed	2055	2077	2141	346	7445	177	0	0.00	0.58	0
37-47-P002-A+	37-47-P002-B	0.94	2 3-	Closed	2055	2077	2141	346	7445	177	0	0.00	0.58	0
37470003+	37-47-P002-A	2.22	2 3-	336 ACSR 18/1	1837	1812	1785	340	7445	177	34	0.93	1.52	3617
37370005+	37470003	2.53	2 3-	336 ACSR 18/1	1791	1758	1716	339	7411	177	34	0.23	1.74	878
37250004+	37370005	5.00	2 3-	266 ACSR 18/1	1371	1308	1173	320	7403	177	39	2.70	4.44	10667
37250019+	37250004	5.57	2 3-	4/0 ACSR 6/1	1362	1299	1164	320	7303	177	52	0.08	4.52	348
37250020+	37250019	5.88	2 3-	4/0 ACSR 6/1	1331	1266	1127	318	7300	177	52	0.31	4.83	1383
37250018+	37250020	5.93	2 3-	4/0 ACSR 6/1	1325	1260	1121	317	7287	177	52	0.05	4.88	243
37250017+	37250018	6.04	2 3-	4/0 ACSR 6/1	1314	1249	1109	316	7285	177	52	0.11	4.99	491

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
37250016+	37250017	6.14	2 3-	4/0 ACSR 6/1	1305	1239	1098	316	7280	177	52	0.10	5.09	440
37250015+	37250016	6.20	2 3-	4/0 ACSR 6/1	1298	1232	1091	315	7276	177	52	0.07	5.16	304
37240025+	37250015	6.21	2 3-	1/0 ACSR 6/1	1297	1231	1090	315	7274	177	77	0.01	5.17	59
37-24-P044-B+	37240025	6.21	2 3-	Closed	1297	1231	1090	315	7273	177	0	0.00	5.17	0
37-24-P044-A+	37-24-P044-B	6.21	2 3-	Closed	1297	1231	1090	315	7273	177	0	0.00	5.17	0
20851018+	37-24-P044-A	6.49	2 3-	4/0 ACSR 6/1	1271	1204	1061	313	7273	177	52	0.28	5.45	1256
20851019+	20851018	6.53	2 3-	4/0 ACSR 6/1	1267	1200	1056	313	7261	177	52	0.04	5.49	191
20851207+	20851019	6.66	2 3-	4/0 ACSR 6/1	1255	1188	1043	312	7260	177	52	0.13	5.62	592
20851021+	20851207	6.74	2 3-	4/0 ACSR 6/1	1248	1181	1036	312	7254	177	52	0.07	5.69	338
37240015+	20851021	7.12	2 3-	4/0 ACSR 6/1	1214	1146	999	309	7251	177	52	0.39	6.08	1764
37240024+	37240015	7.81	2 3-	4/0 ACSR 6/1	1159	1089	940	305	7234	177	52	0.68	6.77	3103
37140031+	37240024	8.09	0 3-	4/0 ACSR 6/1	1137	1067	918	303	0	0	0	0.00	6.77	0
REG3+	37140031	8.09	0 3-	333	1137	1067	918	303	0	0	0	-6.77	0.00	0
OH2+	REG3	8.20	0 3-	4/0 ACSR 6/1	1129	1059	909	302	0	0	0	0.00	0.00	0
37-14-P022-B+	OH2	8.20	0 3-	Closed	1129	1059	909	302	0	0	0	0.00	0.00	0
37-14-P022-A+	37-14-P022-B	8.20	0 3-	Closed	1129	1059	909	302	0	0	0	0.00	0.00	0
37140030+	37-14-P022-A	10.01	0 3-	4/0 ACSR 6/1	1009	939	789	291	0	0	0	0.00	0.00	0
37-03-P031-B+	37140030	10.01	0 3-	Closed	1009	939	789	291	0	0	0	0.00	0.00	0
37-03-P031-A+	37-03-P031-B	10.01	0 3-	Closed	1009	939	789	291	0	0	0	0.00	0.00	0
37030009+	37-03-P031-A	11.53	0 3-	4/0 ACSR 6/1	926	857	711	282	0	0	0	0.00	0.00	0
37120031+	37030009	12.69	0 3-	4/0 ACSR 6/1	871	804	660	275	0	0	0	0.00	0.00	0
32920002+	37120031	12.79	0 3-	4/0 ACSR 6/1	866	799	656	275	0	0	0	0.00	0.00	0
37120016+	37030009	11.55	0 3-	4/0 ACSR 6/1	925	856	710	282	0	0	0	0.00	0.00	0
37-12-P062-B+	37120016	11.55	0 3-	Closed	925	856	710	282	0	0	0	0.00	0.00	0
37-12-P062-A+	37-12-P062-B	11.55	0 3-	Closed	925	856	710	282	0	0	0	0.00	0.00	0
37120033+	37-12-P062-A	11.60	0 3-	4/0 ACSR 6/1	922	854	707	282	0	0	0	0.00	0.00	0
37120020+	37120033	11.84	0 3-	4/0 ACSR 6/1	910	842	696	280	0	0	0	0.00	0.00	0
37-12-P052-B+	37120020	11.84	0 3-	Open	910	842	696	280	0	0	0	0.00	0.00	0
20850416+	37240024	8.24	2 3-	4/0 ACSR 6/1	1126	1056	906	302	7206	177	52	0.43	7.20	1965
37470010+	20850416	8.24	2 3-	Consumer	1126	1056	906	302	7187	177	0	0.00	7.20	0
37240011+	37240015	7.17	0 3-	2 ACSR 6/1	1209	1141	994	309	0	0	0	0.00	6.08	0
37240014+	20851021	6.85	0 3-	2 ACSR 6/1	1234	1165	1021	310	0	0	0	0.00	5.69	0
20851020+	20851207	6.79	0 1-	2 ACSR 6/1	0	0	1027	311	0	0	0	0.00	5.62	0
37240013+	20851020	6.84	0 1-	2 ACSR 6/1	0	0	1020	310	0	0	0	0.00	5.62	0
20851125+	20851020	6.82	0 1-	2 ACSR 6/1	0	0	1023	310	0	0	0	0.00	5.62	0
20851022+	20851207	6.82	0 3-	4/0 ACSR 6/1	1241	1173	1028	311	0	0	0	0.00	5.62	0
D37-24-P071+	20851022	6.82	0 3-	FUS-70	1241	1173	1028	311	0	0	0	0.00	5.62	0
37240016+	D37-24-P071	6.85	0 3-	4/0 ACSR 6/1	1238	1170	1025	311	0	0	0	0.00	5.62	0
37370004+	37370005	2.59	0 1-	2 ACSR 6/1	0	0	1696	338	0	0	0	0.00	1.74	0
37570006+	37570009	1.92	0 3-	336 ACSR 18/1	1884	1868	1858	342	3	-29	6	-0.18	0.24	96
D37-48-P012+	37570006	1.92	0 3-	REC-70	1884	1868	1858	342	2	-29	0	0.00	0.24	0
37480010+	D37-48-P012	2.00	0 3-	336 ACSR 18/1	1870	1851	1836	341	2	-29	6	-0.01	0.23	7
37480009+	37480010	2.21	0 3-	336 ACSR 18/1	1838	1814	1787	340	2	-29	6	-0.03	0.20	16
37-58-P001-B+	37480009	2.21	0 3-	Closed	1838	1814	1787	340	2	-29	0	0.00	0.20	0
37-58-P001-A+	37-58-P001-B	2.21	0 3-	Closed	1838	1814	1787	340	2	-29	0	0.00	0.20	0
37580002+	37-58-P001-A	2.99	0 3-	1/0 ACSR 6/1	1672	1630	1564	332	2	-29	13	-0.16	0.03	215
C37-59-P4+	37580002	2.99	0 3-	Capacitor	1672	1630	1564	332	0	-29	0	0.00	0.03	0
37590073+	37580002	3.41	0 3-	1/0 ACSR 6/1	1593	1542	1464	328	0	0	0	0.00	0.03	0
37-69-P006-A+	37590073	3.41	0 3-	Open	1593	1542	1464	328	0	0	0	0.00	0.03	0
37570092+	37570073	0.48	3 1-	2 ACSR 6/1	0	0	2295	348	18	1	1	0.00	0.25	0
37570093+	37570092	0.55	1 1-	2 ACSR 6/1	0	0	2258	347	4	0	0	0.00	0.25	0
37570091+	37570092	0.54	1 1-	2 ACSR 6/1	0	0	2261	347	7	0	0	0.00	0.25	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
CKT 2	total losses: \$30,453													
SUB 50, CKT 3														
BK5003+	PINE MNT(50)	0.00	146 3-	BK5003	2266	2345	2528	352	758	32	8	0.00	0.00	0
37570063+	BK5003	0.05	146 3-	1/0 ACSR 6/1	2250	2327	2500	351	758	32	14	0.00	0.00	14
C37-57-P75+	37570063	0.05	0 3-	Capacitor	2250	2327	2500	351	0	-29	0	0.00	0.00	0
37570062+	37570063	0.09	146 3-	1/0 ACSR 6/1	2237	2312	2476	351	758	16	7	0.01	0.00	4
37570057+	37570062	0.14	144 3-	1/0 ACSR 6/1	2221	2294	2448	350	747	16	7	0.01	0.01	5
37570011+	37570057	0.22	143 3-	1/0 ACSR 6/1	2196	2265	2403	349	741	16	7	0.02	0.02	7
37570071+	37570011	0.27	0 1-	2 ACSR 6/1	0	0	2373	349	0	0	0	0.00	-0.01	0
37570069+	37570011	0.29	142 3-	1/0 ACSR 6/1	2174	2238	2363	349	731	16	7	0.01	0.03	7
37570067+	37570069	0.34	141 3-	1/0 ACSR 6/1	2157	2218	2334	348	724	16	7	0.01	0.04	5
37570068+	37570067	0.37	1 1-	2 ACSR 6/1	0	0	2316	348	4	0	0	0.00	0.00	0
37570066+	37570067	0.39	1 1-	2 ACSR 6/1	0	0	2306	347	6	0	0	0.00	0.06	0
37570065+	37570067	0.41	8 1-	2 ACSR 6/1	0	0	2294	347	47	3	2	0.00	0.06	0
37570054+	37570065	0.44	6 1-	2 ACSR 6/1	0	0	2278	347	36	2	1	0.00	0.06	0
37570053+	37570054	0.48	2 1-	2 ACSR 6/1	0	0	2253	346	13	0	0	0.00	0.06	0
37570064+	37570054	0.47	2 1-	2 ACSR 6/1	0	0	2260	346	18	1	1	0.00	0.06	0
37570080+	37570067	0.42	130 3-	1/0 ACSR 6/1	2134	2192	2296	347	666	14	6	0.01	0.05	6
37570081+	37570080	0.46	129 3-	1/0 ACSR 6/1	2121	2175	2272	347	659	14	6	0.01	0.05	4
D37-57-P006+	37570081	0.46	129 3-	FUS-35	2121	2175	2272	347	659	14	54	0.00	0.05	0
37570080+	D37-57-P006	0.53	128 3-	1/0 ACSR 6/1	2102	2153	2240	346	659	14	6	0.01	0.06	5
37570087+	37570080	0.58	123 3-	1/0 ACSR 6/1	2087	2135	2216	346	632	14	6	0.01	0.07	4
37570086+	37570087	0.63	7 1-	2 ACSR 6/1	0	0	2186	345	34	2	1	0.00	0.09	0
37570072+	37570086	0.68	5 1-	2 ACSR 6/1	0	0	2160	344	34	2	1	0.00	0.10	0
37560048+	37570072	0.74	4 1-	2 ACSR 6/1	0	0	2131	343	25	1	1	0.00	0.10	0
37560072+	37560048	0.83	1 1-	2 ACSR 6/1	0	0	2084	342	10	0	0	0.00	0.10	0
37560053+	37560048	0.78	2 1-	2 ACSR 6/1	0	0	2109	342	7	0	0	0.00	0.10	0
37570085+	37570087	0.66	115 3-	1/0 ACSR 6/1	2061	2104	2174	345	592	13	6	0.01	0.08	6
37560050+	37570085	0.74	113 3-	1/0 ACSR 6/1	2040	2079	2139	344	580	12	6	0.01	0.08	5
37560049+	37560050	0.82	1 1-	2 ACSR 6/1	0	0	2096	343	8	0	0	0.00	0.11	0
37560064+	37560050	0.79	112 3-	1/0 ACSR 6/1	2026	2062	2116	343	572	12	6	0.01	0.09	3
37560065+	37560064	0.88	111 3-	1/0 ACSR 6/1	2002	2033	2077	342	567	12	6	0.01	0.10	5
37560057+	37560065	0.97	108 3-	1/0 ACSR 6/1	1976	2001	2036	341	548	12	5	0.01	0.11	6
37560069+	37560057	1.06	104 3-	1/0 ACSR 6/1	1951	1972	1999	340	526	11	5	0.01	0.12	5
37560071+	37560069	1.13	2 1-	2 ACSR 6/1	0	0	1970	340	9	0	0	0.00	0.00	0
37560067+	37560071	1.19	1 1-	2 ACSR 6/1	0	0	1943	339	9	0	0	0.00	0.00	0
37560070+	37560069	1.11	99 3-	1/0 ACSR 6/1	1938	1957	1978	340	512	11	5	0.01	0.12	3
37560061+	37560070	1.19	90 3-	1/0 ACSR 6/1	1919	1934	1950	339	434	9	4	0.01	0.13	3
D37-56-P009+	37560061	1.19	4 1-	FUS-25	0	0	1950	339	11	0	3	0.00	0.15	0
37560080+	D37-56-P009	1.21	4 1-	2 ACSR 6/1	0	0	1941	339	11	0	0	0.00	0.15	0
37560078+	37560080	1.64	4 1-	2 ACSR 6/1	0	0	1764	333	11	0	0	0.00	0.16	0
37560079+	37560078	1.82	4 1-	2 ACSR 6/1	0	0	1698	330	11	0	0	0.00	0.16	0
37560077+	37560079	1.88	4 1-	2 ACSR 6/1	0	0	1675	329	11	0	0	0.00	0.16	0
37560008+	37560077	2.53	4 1-	2 ACSR 6/1	0	0	1472	320	11	0	0	0.01	0.17	0
37460005+	37560008	2.58	2 1-	2 ACSR 6/1	0	0	1458	319	10	0	0	0.00	0.17	0
37460003+	37560008	2.72	2 1-	2 ACSR 6/1	0	0	1421	318	1	0	0	0.00	0.17	0
37560062+	37560061	1.27	85 3-	1/0 ACSR 6/1	1898	1909	1917	338	418	9	4	0.01	0.13	3
37560055+	37560062	1.32	2 1-	2 ACSR 6/1	0	0	1898	338	8	0	0	0.00	0.16	0
37560009+	37560062	1.36	83 3-	1/0 ACSR 6/1	1877	1883	1885	337	410	9	4	0.01	0.14	3
37560047+	37560009	1.41	1 1-	2 ACSR 6/1	0	0	1863	337	1	0	0	0.00	0.17	0
37560044+	37560009	1.43	82 3-	1/0 ACSR 6/1	1857	1861	1857	337	409	9	4	0.01	0.15	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37560054+	37560044	1.49	1 1-	2 ACSR 6/1	0	0	1836	336	3	0	0	0.00	0.17	0
37560045+	37560044	1.51	80 3-	1/0 ACSR 6/1	1839	1839	1830	336	404	9	4	0.01	0.15	3
37560075+	37560045	1.56	75 3-	1/0 ACSR 6/1	1828	1826	1814	335	378	8	4	0.00	0.15	1
37560076+	37560075	1.62	74 3-	1/0 ACSR 6/1	1812	1807	1791	335	371	8	4	0.01	0.16	2
37560052+	37560076	1.86	74 3-	1/0 ACSR 6/1	1758	1744	1715	332	371	8	4	0.02	0.18	7
37550005+	37560052	1.94	73 3-	1/0 ACSR 6/1	1741	1724	1691	332	364	8	4	0.01	0.18	2
37550006+	37550005	2.02	71 3-	1/0 ACSR 6/1	1723	1704	1667	331	348	7	3	0.01	0.19	2
37550008+	37550006	2.11	68 3-	1/0 ACSR 6/1	1705	1682	1642	330	330	7	3	0.01	0.19	2
37650015+	37550008	2.22	68 3-	1/0 ACSR 6/1	1680	1654	1608	329	330	7	3	0.01	0.20	3
37650006+	37650015	2.46	66 3-	1/0 ACSR 6/1	1633	1600	1546	326	321	7	3	0.02	0.21	5
37650021+	37650006	2.55	65 3-	1/0 ACSR 6/1	1615	1580	1523	325	319	7	3	0.01	0.22	2
37650020+	37650021	2.62	2 1-	2 ACSR 6/1	0	0	1502	324	9	0	0	0.00	0.25	0
37650007+	37650021	2.87	63 3-	1/0 ACSR 6/1	1555	1512	1447	322	310	6	3	0.02	0.24	7
37650018+	37650007	2.92	1 1-	2 ACSR 6/1	0	0	1433	322	3	0	0	0.00	0.27	0
37650008+	37650007	3.02	62 3-	1/0 ACSR 6/1	1530	1484	1415	321	307	6	3	0.01	0.24	3
37650019+	37650008	3.07	0 1-	2 ACSR 6/1	0	0	1400	320	0	0	0	0.00	-0.03	0
37650005+	37650008	3.15	62 3-	1/0 ACSR 6/1	1507	1459	1387	320	307	6	3	0.01	0.25	3
37-64-P023-B+	37650005	3.15	62 3-	Closed	1507	1459	1387	320	307	6	0	0.00	0.25	0
37-64-P023-A+	37-64-P023-B	3.15	62 3-	Closed	1507	1459	1387	320	307	6	0	0.00	0.25	0
37640004+	37-64-P023-A	3.22	62 3-	1/0 ACSR 6/1	1495	1446	1373	319	307	6	3	0.00	0.26	1
37640023+	37640004	3.28	1 1-	2 ACSR 6/1	0	0	1357	318	11	0	0	0.00	0.29	0
37640005+	37640004	3.26	61 3-	1/0 ACSR 6/1	1487	1437	1363	319	296	6	3	0.00	0.26	0
37640024+	37640005	3.32	2 1-	2 ACSR 6/1	0	0	1350	318	4	0	0	0.00	-0.03	0
37640021+	37640005	3.35	59 3-	1/0 ACSR 6/1	1472	1421	1345	318	292	6	3	0.00	0.26	2
37640022+	37640021	3.63	58 3-	1/0 ACSR 6/1	1428	1372	1292	315	288	6	3	0.01	0.28	6
37640032+	37640022	3.69	2 1-	2 ACSR 6/1	0	0	1281	314	8	0	0	0.00	0.31	0
37640020+	37640032	3.72	1 1-	2 ACSR 6/1	0	0	1274	314	8	0	0	0.00	0.31	0
37640030+	37640022	3.79	56 3-	1/0 ACSR 6/1	1404	1346	1264	314	280	6	3	0.01	0.29	3
37640031+	37640030	3.99	55 3-	1/0 ACSR 6/1	1375	1315	1231	312	274	6	3	0.01	0.30	4
37640029+	37640031	4.05	1 1-	2 ACSR 6/1	0	0	1218	311	6	0	0	0.00	0.33	0
37640006+	37640031	4.20	54 3-	1/0 ACSR 6/1	1344	1282	1195	310	268	5	3	0.01	0.31	4
37640027+	37640006	4.25	53 3-	1/0 ACSR 6/1	1338	1275	1188	309	264	5	3	0.00	0.31	0
37640028+	37640027	4.44	52 3-	1/0 ACSR 6/1	1312	1248	1159	308	262	5	3	0.01	0.32	3
37630024+	37640028	4.53	50 3-	1/0 ACSR 6/1	1301	1236	1147	307	251	5	2	0.00	0.32	2
37630025+	37630024	4.60	50 3-	1/0 ACSR 6/1	1291	1225	1136	306	251	5	2	0.00	0.33	1
37630026+	37630025	4.66	48 3-	1/0 ACSR 6/1	1284	1218	1128	306	244	5	2	0.00	0.33	0
37630027+	37630026	4.66	46 3-	1/0 ACSR 6/1	1283	1217	1127	306	227	5	2	0.00	0.33	0
37-63-P031-B+	37630027	4.66	46 3-	Closed	1283	1217	1127	306	227	5	0	0.00	0.33	0
37-63-P031-A+	37-63-P031-B	4.66	46 3-	Closed	1283	1217	1127	306	227	5	0	0.00	0.33	0
37630006+	37-63-P031-A	4.72	46 3-	1/0 ACSR 6/1	1277	1210	1120	305	227	5	2	0.00	0.33	0
37630023+	37630006	4.73	3 3-	4/0 ACSR 6/1	1275	1208	1118	305	15	0	0	0.00	0.33	0
37630022+	37630023	4.81	2 3-	4/0 ACSR 6/1	1268	1200	1109	305	9	0	0	0.00	0.33	0
37630021+	37630022	5.27	1 3-	4/0 ACSR 6/1	1225	1155	1058	302	1	0	0	0.00	0.33	0
37730076+	37630021	5.31	1 3-	4/0 ACSR 6/1	1222	1152	1055	302	1	0	0	0.00	0.33	0
37730002+	37630021	5.46	0 3-	1/0 ACSR 6/1	1203	1132	1035	300	0	0	0	0.00	0.33	0
37-73-P002-A+	37730002	5.46	0 3-	Open	1203	1132	1035	300	0	0	0	0.00	0.33	0
37630028+	37630006	4.75	43 3-	4/0 ACSR 6/1	1274	1207	1116	305	211	4	1	0.00	0.33	0
37630030+	37630028	4.78	43 3-	4/0 ACSR 6/1	1271	1203	1112	305	211	4	1	0.00	0.33	0
D37-63-P016+	37630030	4.78	40 3-	ER3-WVE-280/140	1271	1203	1112	305	194	4	0	0.00	0.33	0
37630034+	D37-63-P016	5.19	40 3-	4/0 ACSR 6/1	1233	1163	1067	302	194	4	1	0.01	0.34	3
37630033+	37630034	5.29	38 3-	4/0 ACSR 6/1	1224	1154	1057	302	184	4	1	0.00	0.34	0
37630031+	37630033	5.33	38 3-	4/0 ACSR 6/1	1219	1149	1052	302	184	4	1	0.00	0.34	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37630032+	37630031	6.74	37 3-	4/0 ACSR 6/1	1106	1033	924	293	176	3	1	0.02	0.37	10
37520002+	37630032	7.91	37 3-	4/0 ACSR 6/1	1027	952	839	286	176	3	1	0.02	0.39	8
37420003+	37520002	8.18	37 3-	4/0 ACSR 6/1	1010	936	822	285	175	3	1	0.00	0.39	2
37420004+	37420003	8.67	37 3-	4/0 ACSR 6/1	982	907	793	282	175	3	1	0.01	0.40	3
373200021+	37420004	8.70	37 3-	4/0 ACSR 6/1	980	906	791	282	175	3	1	0.00	0.40	0
373200020+	37320021	8.76	1 1-	2 ACSR 6/1	0	0	785	281	4	0	0	0.00	0.42	0
373200019+	37320021	8.71	36 3-	4/0 ACSR 6/1	979	905	790	282	172	3	1	0.00	0.40	0
373200018+	37320019	8.80	36 3-	4/0 ACSR 6/1	975	900	785	282	172	3	1	0.00	0.41	0
373200008+	37320018	9.29	36 3-	4/0 ACSR 6/1	948	874	758	279	172	3	1	0.01	0.41	3
373200011+	37320008	9.31	1 3-	2 ACSR 6/1	946	872	756	279	8	0	0	0.00	0.41	0
D37-32-P039+	37320011	9.31	0 3-	FUS-100	946	872	756	279	0	0	0	0.00	0.41	0
373200010+	37320008	9.50	35 3-	4/0 ACSR 6/1	936	863	747	278	164	3	1	0.00	0.42	1
372200001+	37320010	9.59	0 3-	4/0 ACSR 6/1	932	858	742	277	0	0	0	0.00	0.42	0
372200002+	37220001	9.69	0 3-	4/0 ACSR 6/1	926	853	737	277	0	0	0	0.00	0.42	0
20851011+	37320010	10.02	35 3-	4/0 ACSR 6/1	910	837	721	275	164	3	1	0.01	0.43	3
20851012+	20851011	10.52	33 3-	4/0 ACSR 6/1	886	813	697	272	160	3	1	0.01	0.43	3
20851015+	20851012	10.57	33 3-	4/0 ACSR 6/1	883	811	695	272	160	3	1	0.00	0.44	0
20851016+	20851015	10.65	33 3-	4/0 ACSR 6/1	880	807	691	271	160	3	1	0.00	0.44	0
20850755+	20851016	10.69	1 1-	2 ACSR 6/1	0	0	689	271	5	0	0	0.00	-0.25	0
371200017+	20851016	10.73	32 3-	4/0 ACSR 6/1	876	804	688	271	155	3	1	0.00	0.44	0
20850753+	37120017	10.74	32 3-	4/0 ACSR 6/1	876	803	687	271	155	3	1	0.00	0.44	0
20850754+	20850753	11.01	31 3-	4/0 ACSR 6/1	863	792	675	269	154	3	1	0.00	0.44	2
371200015+	20850754	11.17	31 3-	4/0 ACSR 6/1	857	785	669	269	154	3	1	0.00	0.45	0
37-12-P001-B+	37120015	11.17	31 3-	Closed	857	785	669	269	154	3	0	0.00	0.45	0
37-12-P001-A+	37-12-P001-B	11.17	31 3-	Closed	857	785	669	269	154	3	0	0.00	0.45	0
371200014+	37-12-P001-A	11.32	31 3-	4/0 ACSR 6/1	850	778	662	268	154	3	1	0.00	0.45	0
361900002+	37120014	11.37	31 3-	4/0 ACSR 6/1	848	776	660	268	154	3	1	0.00	0.45	0
361900006+	36190002	12.80	31 3-	4/0 ACSR 6/1	791	722	607	260	154	3	1	0.02	0.47	9
360900016+	36190006	12.89	28 1-	2 ACSR 6/1	0	0	603	259	146	9	5	0.01	1.27	2
D31-99-P012+	36090016	12.89	26 1-	REC-35-E	0	0	603	259	144	9	28	0.00	1.27	0
319900007+	D31-99-P012	13.13	26 1-	2 ACSR 6/1	0	0	591	257	144	9	5	0.04	1.31	4
360900015+	31990007	13.18	26 1-	2 ACSR 6/1	0	0	589	257	144	9	5	0.01	1.31	0
360900022+	36090015	13.33	26 1-	2 ACSR 6/1	0	0	582	255	144	9	5	0.02	1.34	3
360900023+	36090022	13.42	25 1-	2 ACSR 6/1	0	0	578	254	139	9	5	0.01	1.35	1
360900014+	36090023	13.46	24 1-	2 ACSR 6/1	0	0	576	254	137	9	5	0.01	1.35	0
360900019+	36090014	13.48	23 1-	2 ACSR 6/1	0	0	575	254	136	9	5	0.00	1.36	0
36-09-P001-B+	36090019	13.48	23 1-	Closed	0	0	575	254	136	9	0	0.00	1.36	0
36-09-P001-A+	36-09-P001-B	13.48	23 1-	Closed	0	0	575	254	136	9	0	0.00	1.36	0
360900024+	36-09-P001-A	14.27	23 1-	2 ACSR 6/1	0	0	542	247	136	9	5	0.11	1.47	11
319900008+	36090024	14.39	22 1-	2 ACSR 6/1	0	0	538	246	131	8	5	0.02	1.48	2
D31-89-P021+	31990008	14.39	15 1-	FUS-15	0	0	538	246	99	6	50	0.00	1.48	0
318900025+	D31-89-P021	14.44	15 1-	2 ACSR 6/1	0	0	536	245	99	6	4	0.01	1.49	0
318900026+	31890025	14.47	14 1-	2 ACSR 6/1	0	0	534	245	90	6	3	0.00	1.49	0
31-89-P025-B+	31890026	14.47	14 1-	Closed	0	0	534	245	90	6	0	0.00	1.49	0
31-89-P025-A+	31-89-P025-B	14.47	14 1-	Closed	0	0	534	245	90	6	0	0.00	1.49	0
318900004+	31-89-P025-A	14.57	14 1-	2 ACSR 6/1	0	0	531	244	90	6	3	0.01	1.50	0
31-89-P010-B+	31890004	14.57	14 1-	Closed	0	0	531	244	90	6	0	0.00	1.50	0
31-89-P010-A+	31-89-P010-B	14.57	14 1-	Closed	0	0	531	244	90	6	0	0.00	1.50	0
318900003+	31-89-P010-A	14.59	14 1-	2 ACSR 6/1	0	0	530	244	90	6	3	0.00	1.50	0
D31-89-P010+	31890003	14.59	9 1-	FUS	0	0	530	244	58	3	88	0.00	1.50	0
318900023+	D31-89-P010	14.65	9 1-	2 ACSR 6/1	0	0	528	243	58	3	2	0.00	1.50	0
318900024+	31890023	14.74	6 1-	2 ACSR 6/1	0	0	524	243	28	1	1	0.00	1.51	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
31890034+	31890024	14.84	5 1-	2 ACSR 6/1	0	0	521	242	27	1	1	0.00	1.51	0
31890037+	31890034	14.91	4 1-	2 ACSR 6/1	0	0	518	241	16	1	1	0.00	1.51	0
31890038+	31890037	14.95	3 1-	2 ACSR 6/1	0	0	516	241	11	0	0	0.00	1.51	0
31890040+	31890038	15.00	3 1-	2 ACSR 6/1	0	0	515	240	11	0	0	0.00	1.51	0
31890031+	31890040	15.13	2 1-	2 ACSR 6/1	0	0	510	239	10	0	0	0.00	1.51	0
31890039+	31890031	15.18	1 1-	2 ACSR 6/1	0	0	508	239	3	0	0	0.00	1.51	0
31890029+	31890023	14.75	1 1-	2 ACSR 6/1	0	0	524	243	13	0	1	0.00	1.50	0
31890027+	31890003	14.77	5 1-	2 ACSR 6/1	0	0	523	242	32	2	1	0.00	1.51	0
31890028+	31890027	14.93	4 1-	2 ACSR 6/1	0	0	517	241	21	1	1	0.00	1.51	0
31890030+	31890028	14.98	1 1-	2 ACSR 6/1	0	0	516	241	8	0	0	0.00	1.51	0
31890035+	31890028	15.13	3 1-	2 ACSR 6/1	0	0	510	239	14	0	1	0.00	1.51	0
31890036+	31890035	15.40	1 1-	2 ACSR 6/1	0	0	501	237	0	0	0	0.00	1.51	0
D31-89-P021A+	31990008	14.39	6 1-	FUS-15	0	0	538	246	32	2	16	0.00	1.48	0
31890032+	D31-89-P021A	14.47	6 1-	2 ACSR 6/1	0	0	535	245	32	2	1	0.00	1.48	0
31990010+	31890032	14.51	5 1-	2 ACSR 6/1	0	0	533	245	23	1	1	0.00	1.49	0
31980008+	31990010	14.57	5 1-	2 ACSR 6/1	0	0	531	244	23	1	1	0.00	1.49	0
31980011+	31980008	14.72	4 1-	2 ACSR 6/1	0	0	525	243	18	1	1	0.00	1.49	0
31980010+	31980011	14.95	2 1-	2 ACSR 6/1	0	0	517	241	4	0	0	0.00	1.49	0
31980009+	31980010	15.00	2 1-	2 ACSR 6/1	0	0	515	240	4	0	0	0.00	1.49	0
31980007+	31980009	15.18	1 1-	2 ACSR 6/1	0	0	508	239	3	0	0	0.00	1.49	0
31980012+	31980011	14.77	1 1-	2 ACSR 6/1	0	0	523	242	4	0	0	0.00	1.49	0
31990009+	31890032	14.52	0 1-	2 ACSR 6/1	0	0	532	245	0	0	0	0.00	1.48	0
D31-99-P012A+	36090016	12.89	1 1-	REC-35-E	0	0	603	259	0	0	0	0.00	1.27	0
31990011+	D31-99-P012A	13.06	1 1-	2 ACSR 6/1	0	0	594	258	0	0	0	0.00	1.27	0
36090018+	36190006	12.84	2 1-	2 ACSR 6/1	0	0	605	260	8	0	0	0.00	-0.34	0
36090017+	36190006	13.00	1 3-	4/0 ACSR 6/1	783	715	600	259	0	0	0	0.00	0.47	0
D36-09-P033+	36090017	13.00	0 3-	ER3-RVE-200/100	783	715	600	259	0	0	0	0.00	0.47	0
36090020+	D36-09-P033	13.00	0 3-	4/0 ACSR 6/1	783	714	600	259	0	0	0	0.00	0.47	0
36-09-P042-B+	36090020	13.00	0 3-	Closed	783	714	600	259	0	0	0	0.00	0.47	0
36-09-P042-A+	36-09-P042-B	13.00	0 3-	Closed	783	714	600	259	0	0	0	0.00	0.47	0
36090021+	36-09-P042-A	13.01	0 3-	4/0 ACSR 6/1	783	714	600	259	0	0	0	0.00	0.47	0
36190007+	36190002	11.44	0 1-	2 ACSR 6/1	0	0	656	267	0	0	0	0.00	0.47	0
36190008+	36190007	11.46	0 1-	2 ACSR 6/1	0	0	656	267	0	0	0	0.00	0.47	0
37120018+	20850754	11.09	0 3-	4/0 ACSR 6/1	860	788	672	269	0	0	0	0.00	0.44	0
37-12-P052-A+	37120018	11.09	0 3-	Open	860	788	672	269	0	0	0	0.00	0.44	0
20851014+	20851015	10.64	0 1-	2 ACSR 6/1	0	0	691	271	0	0	0	0.00	0.45	0
20851013+	20851012	10.62	0 1-	2 ACSR 6/1	0	0	691	271	0	0	0	0.00	-0.25	0
37320009+	37320008	9.30	0 1-	2 ACSR 6/1	0	0	757	279	0	0	0	0.00	0.43	0
37320007+	37320018	8.85	0 1-	2 ACSR 6/1	0	0	780	281	0	0	0	0.00	0.42	0
37630029+	37630030	4.80	2 1-	2 ACSR 6/1	0	0	1108	305	12	0	0	0.00	-0.06	0
37630005+	37630024	4.58	0 1-	2 ACSR 6/1	0	0	1137	306	0	0	0	0.00	-0.05	0
37640025+	37640006	4.25	1 1-	2 ACSR 6/1	0	0	1187	309	4	0	0	0.00	0.34	0
37650016+	37650015	2.28	2 1-	2 ACSR 6/1	0	0	1591	328	9	0	0	0.00	0.23	0
37650017+	37650016	2.32	1 1-	2 ACSR 6/1	0	0	1577	327	0	0	0	0.00	0.23	0
37550007+	37560052	1.93	1 1-	2 ACSR 6/1	0	0	1692	331	7	0	0	0.00	-0.01	0
37560046+	37560045	1.54	2 1-	2 ACSR 6/1	0	0	1820	335	14	0	1	0.00	0.29	0
37560006+	37560070	1.15	7 1-	2 ACSR 6/1	0	0	1962	339	59	3	2	0.00	0.22	0
37560058+	37560060	1.19	6 1-	2 ACSR 6/1	0	0	1943	339	56	3	2	0.00	0.23	0
37560059+	37560058	1.23	4 1-	2 ACSR 6/1	0	0	1926	338	35	2	1	0.00	0.23	0
37560056+	37560059	1.25	0 1-	2 ACSR 6/1	0	0	1916	338	0	0	0	0.00	0.23	0
37560010+	37560059	1.27	3 1-	2 ACSR 6/1	0	0	1911	338	23	1	1	0.00	0.23	0
37560073+	37560010	1.31	2 1-	2 ACSR 6/1	0	0	1891	337	10	0	0	0.00	0.23	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS	CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 51	BLEDSEOE(51)													
SUB 51,	CKT 1	891			2659	2715	2843	355	7187					
	BK5101+	BLEDSEOE(51)	0.00	717 3-	BK5101	2659	2715	2843	355	4160	91 51	0.00	0.00	0
	36880011+	BK5101	0.01	717 3-	1/0 ACSR 6/1	2653	2707	2832	355	4160	91 40	0.01	0.01	37
	36880012+	36880011	0.04	717 3-	1/0 ACSR 6/1	2640	2693	2810	355	4160	91 40	0.03	0.03	73
D36-88-P010A+	36880012	36880012	0.04	1 1-	FUS	0	0	2810	355	7	0 10	0.00	0.04	0
	36880053+	D36-88-P010A	0.15	1 1-	2 ACSR 6/1	0	0	2725	353	7	0 0	0.00	0.04	0
D36-88-P010+	36880012	36880012	0.04	0 1-	FUS	0	0	2810	355	0	0 0	0.00	0.02	0
	36880050+	D36-88-P010	0.08	0 1-	2 ACSR 6/1	0	0	2780	354	0	0 0	0.00	0.02	0
	36880013+	36880012	0.20	716 3-	1/0 ACSR 6/1	2571	2616	2694	353	4152	91 40	0.16	0.15	399
D36-88-P014+	36880013	36880013	0.20	2 1-	FUS	0	0	2694	353	13	0 20	0.00	0.12	0
	36880051+	D36-88-P014	0.25	2 1-	2 ACSR 6/1	0	0	2656	352	13	0 0	0.00	0.12	0
	36880014+	36880013	0.26	714 3-	1/0 ACSR 6/1	2547	2589	2655	352	4136	91 40	0.06	0.19	140
D36-88-P034+	36880014	36880014	0.26	1 1-	FUS	0	0	2655	352	1	0 2	0.00	0.15	0
	36880052+	D36-88-P034	0.32	1 1-	2 ACSR 6/1	0	0	2613	352	1	0 0	0.00	0.15	0
	36880019+	36880014	0.30	713 3-	1/0 ACSR 6/1	2530	2569	2627	352	4133	91 40	0.04	0.22	102
	36880037+	36880019	0.37	712 3-	1/0 ACSR 6/1	2503	2538	2583	351	4121	91 40	0.06	0.26	161
	36880045+	36880037	0.44	710 3-	1/0 ACSR 6/1	2473	2504	2537	350	4119	91 40	0.07	0.31	177
	36880046+	36880045	0.46	709 3-	1/0 ACSR 6/1	2465	2494	2523	350	4111	91 40	0.02	0.33	52
	36880047+	36880046	0.53	708 3-	1/0 ACSR 6/1	2436	2461	2479	350	4103	90 39	0.07	0.38	172
	20852116+	36880047	0.60	3 1-	2 ACSR 6/1	0	0	2435	348	19	1 1	0.00	0.32	0
	36880049+	20852116	0.70	1 1-	2 ACSR 6/1	0	0	2370	347	11	0 0	0.00	0.32	0
	36780010+	36880047	0.57	704 3-	1/0 ACSR 6/1	2421	2443	2455	349	4076	90 39	0.04	0.41	97
	36780011+	36780010	0.62	703 3-	1/0 ACSR 6/1	2401	2421	2425	349	4071	90 39	0.05	0.44	119
	36780012+	36780011	0.71	702 3-	1/0 ACSR 6/1	2366	2379	2372	348	4060	89 39	0.09	0.50	221
	36780013+	36780012	0.79	700 3-	1/0 ACSR 6/1	2335	2344	2326	347	4053	89 39	0.08	0.56	194
	36780014+	36780013	0.82	0 1-	2 ACSR 6/1	0	0	2308	346	0	0 0	0.00	0.77	0
	36780003+	36780013	0.93	700 3-	1/0 ACSR 6/1	2285	2283	2253	345	4051	89 39	0.13	0.66	327
	36780004+	36780003	1.08	700 3-	1/0 ACSR 6/1	2231	2226	2175	344	4048	89 39	0.15	0.76	366
	36790182+	36780004	1.15	699 3-	1/0 ACSR 6/1	2208	2197	2143	343	4029	89 39	0.06	0.81	156
	36790183+	36790182	1.19	697 3-	1/0 ACSR 6/1	2193	2179	2122	343	4008	89 39	0.04	0.84	103
D36-79-P005+	36790183	36790183	1.19	2 1-	FUS	0	0	2122	343	14	0 21	0.00	0.68	0
	36790266+	D36-79-P005	1.21	2 1-	2 ACSR 6/1	0	0	2112	342	14	0 1	0.00	0.68	0
	36790184+	36790266	1.23	1 1-	2 ACSR 6/1	0	0	2102	342	7	0 0	0.00	0.68	0
	36790025+	36790183	1.24	695 3-	1/0 ACSR 6/1	2177	2161	2100	342	3994	88 39	0.05	0.87	113
D36-79-P006+	36790025	36790025	1.24	1 1-	FUS	0	0	2100	342	2	0 3	0.00	0.71	0
	36790265+	D36-79-P006	1.33	1 1-	2 ACSR 6/1	0	0	2052	341	2	0 0	0.00	0.71	0
	36790185+	36790265	1.40	0 1-	2 ACSR 6/1	0	0	2020	340	0	0 0	0.00	0.71	0
	36790186+	36790025	1.25	694 3-	1/0 ACSR 6/1	2173	2156	2094	342	3990	88 39	0.01	0.88	28
	36790188+	36790186	1.34	693 3-	1/0 ACSR 6/1	2144	2123	2054	341	3985	88 39	0.08	0.94	203
D36-79-P009+	36790188	36790188	1.34	64 1-	REC-50-E	0	0	2054	341	294	19 40	0.00	1.30	0
	36790236+	D36-79-P009	1.39	64 1-	2 ACSR 6/1	0	0	2031	340	294	19 11	0.01	1.31	3
	36790237+	36790236	1.40	63 1-	2 ACSR 6/1	0	0	2024	340	291	19 11	0.00	1.31	0
	36790238+	36790237	1.42	62 1-	2 ACSR 6/1	0	0	2017	340	287	19 11	0.00	1.32	0
	36790241+	36790238	1.52	57 1-	2 ACSR 6/1	0	0	1965	338	273	18 10	0.03	1.35	7
	36790250+	36790241	1.56	57 1-	2 ACSR 6/1	0	0	1949	338	273	18 10	0.01	1.36	2
	36790251+	36790250	1.62	56 1-	2 ACSR 6/1	0	0	1920	337	268	18 10	0.02	1.38	4
	36790252+	36790251	1.65	52 1-	2 ACSR 6/1	0	0	1906	336	257	17 10	0.01	1.38	2
	36790253+	36790252	1.78	6 1-	2 ACSR 6/1	0	0	1850	335	30	2 1	0.00	1.39	0
	36790254+	36790253	1.80	5 1-	2 ACSR 6/1	0	0	1839	334	23	1 1	0.00	1.39	0
	36790255+	36790254	1.85	4 1-	2 ACSR 6/1	0	0	1821	334	21	1 1	0.00	1.39	0
	36790256+	36790255	1.98	2 1-	2 ACSR 6/1	0	0	1764	332	9	0 0	0.00	1.39	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36790257+	36790256	2.03	2 1-	2 ACSR 6/1	0	0	1747	331	9	0	0	0.00	1.39	0
36790212+	36790252	1.69	46 1-	2 ACSR 6/1	0	0	1888	336	228	15	9	0.01	1.39	2
36790213+	36790212	1.73	44 1-	2 ACSR 6/1	0	0	1871	335	219	14	8	0.01	1.40	1
36790217+	36790213	1.76	44 1-	2 ACSR 6/1	0	0	1856	335	219	14	8	0.01	1.41	1
36790216+	36790217	1.82	42 1-	2 ACSR 6/1	0	0	1831	334	205	13	8	0.01	1.42	2
36790192+	36790216	1.90	40 1-	2 ACSR 6/1	0	0	1798	333	193	13	7	0.02	1.44	2
36790195+	36790192	1.98	38 1-	2 ACSR 6/1	0	0	1766	332	183	12	7	0.01	1.45	2
36790196+	36790195	2.01	36 1-	2 ACSR 6/1	0	0	1755	331	167	11	6	0.00	1.45	0
36790197+	36790196	2.03	34 1-	2 ACSR 6/1	0	0	1747	331	157	10	6	0.00	1.46	0
36790242+	36790197	2.11	34 1-	2 ACSR 6/1	0	0	1714	330	157	10	6	0.01	1.47	2
36790244+	36790242	2.14	1 1-	2 ACSR 6/1	0	0	1705	330	5	0	0	0.00	1.47	0
36790243+	36790242	2.20	30 1-	2 ACSR 6/1	0	0	1683	329	141	9	5	0.01	1.48	1
36690085+	36790243	2.27	28 1-	2 ACSR 6/1	0	0	1656	328	132	8	5	0.01	1.49	0
36690090+	36690085	2.31	20 1-	2 ACSR 6/1	0	0	1642	327	96	6	4	0.00	1.50	0
36690036+	36690090	2.38	19 1-	2 ACSR 6/1	0	0	1616	326	92	6	3	0.01	1.50	0
36690002+	36690036	2.43	18 1-	2 ACSR 6/1	0	0	1599	325	86	5	3	0.00	1.51	0
36690114+	36690002	2.49	17 1-	2 ACSR 6/1	0	0	1580	325	77	5	3	0.00	1.51	0
36690115+	36690114	2.58	16 1-	2 ACSR 6/1	0	0	1550	323	74	4	3	0.01	1.52	0
36690116+	36690115	2.66	15 1-	2 ACSR 6/1	0	0	1525	322	73	4	3	0.01	1.53	0
36690117+	36690116	2.79	14 1-	2 ACSR 6/1	0	0	1485	320	68	4	3	0.01	1.53	0
36690120+	36690117	2.93	11 1-	2 ACSR 6/1	0	0	1445	319	56	3	2	0.01	1.54	0
36690121+	36690120	2.99	10 1-	2 ACSR 6/1	0	0	1429	318	50	3	2	0.00	1.54	0
36690122+	36690121	3.05	8 1-	2 ACSR 6/1	0	0	1411	317	38	2	1	0.00	1.55	0
36690107+	36690122	3.11	6 1-	2 ACSR 6/1	0	0	1397	316	30	2	1	0.00	1.55	0
36690108+	36690107	3.17	5 1-	2 ACSR 6/1	0	0	1379	315	24	1	1	0.00	1.55	0
36680034+	36690108	3.24	3 1-	2 ACSR 6/1	0	0	1362	315	16	1	1	0.00	1.55	0
36680042+	36680034	3.32	1 1-	2 ACSR 6/1	0	0	1343	314	4	0	0	0.00	1.55	0
36680017+	36680034	3.29	2 1-	2 ACSR 6/1	0	0	1349	314	12	0	0	0.00	1.55	0
36680018+	36680034	3.32	0 1-	2 ACSR 6/1	0	0	1343	314	0	0	0	0.00	1.55	0
36680032+	36690108	3.39	1 1-	2 ACSR 6/1	0	0	1325	313	8	0	0	0.00	1.55	0
36690123+	36690122	3.12	1 1-	2 ACSR 6/1	0	0	1394	316	7	0	0	0.00	1.55	0
36690119+	36690117	2.84	2 1-	2 ACSR 6/1	0	0	1471	320	7	0	0	0.00	1.53	0
36690118+	36690117	2.85	1 1-	2 ACSR 6/1	0	0	1468	320	5	0	0	0.00	1.53	0
36690086+	36690085	2.34	7 1-	2 ACSR 6/1	0	0	1633	327	30	2	1	0.00	1.50	0
36690087+	36690086	2.39	6 1-	2 ACSR 6/1	0	0	1615	326	28	1	1	0.00	1.50	0
36690089+	36690087	2.47	4 1-	2 ACSR 6/1	0	0	1587	325	21	1	1	0.00	1.50	0
36690099+	36690089	2.51	2 1-	2 ACSR 6/1	0	0	1572	324	7	0	0	0.00	1.50	0
36690088+	36690089	2.55	1 1-	2 ACSR 6/1	0	0	1560	324	3	0	0	0.00	1.50	0
36690095+	36790243	2.26	2 1-	2 ACSR 6/1	0	0	1661	328	9	0	0	0.00	1.48	0
36790198+	36790197	2.04	0 1-	2 ACSR 6/1	0	0	1741	331	0	0	0	0.00	1.46	0
36790199+	36790198	2.07	0 1-	2 ACSR 6/1	0	0	1729	330	0	0	0	0.00	1.46	0
36790193+	36790192	1.93	1 1-	2 ACSR 6/1	0	0	1786	332	7	0	0	0.00	1.44	0
36790194+	36790193	2.09	0 1-	2 ACSR 6/1	0	0	1721	330	0	0	0	0.00	1.44	0
36790215+	36790217	1.86	1 1-	2 ACSR 6/1	0	0	1816	333	12	0	0	0.00	1.41	0
36790214+	36790213	1.77	0 1-	2 ACSR 6/1	0	0	1855	335	0	0	0	0.00	1.40	0
36790258+	36790251	1.68	3 1-	2 ACSR 6/1	0	0	1894	336	10	0	0	0.00	1.38	0
36790259+	36790258	1.69	2 1-	2 ACSR 6/1	0	0	1890	336	10	0	0	0.00	1.38	0
36790211+	36790259	1.74	1 1-	2 ACSR 6/1	0	0	1864	335	4	0	0	0.00	1.38	0
36790189+	36790188	1.38	5 1-	2 ACSR 6/1	0	0	2034	340	290	19	11	0.01	0.77	3
36790191+	36790189	1.43	2 1-	2 ACSR 6/1	0	0	2009	340	266	18	10	0.01	0.78	3
36790830+	36790191	1.43	2 1-	Consumer	0	0	2009	340	266	18	0	0.00	0.78	0
36790190+	36790189	1.46	2 1-	2 ACSR 6/1	0	0	1993	339	14	0	1	0.00	0.77	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36790239+	36790188	1.41	3 1-	2 ACSR 6/1	0	0	2018	340	13	0	0	0.00	1.30	0
36790240+	36790239	1.47	2 1-	2 ACSR 6/1	0	0	1992	339	10	0	0	0.00	1.30	0
36790246+	36790188	1.43	617 3-	1/0 ACSR 6/1	2115	2089	2015	340	3371	74	33	0.06	0.99	148
D36-79-P024+	36790246	1.43	0 1-	FUS	0	0	2015	340	0	0	0	0.00	1.36	0
36790264+	D36-79-P024	1.46	0 1-	2 ACSR 6/1	0	0	2000	340	0	0	0	0.00	1.36	0
36790232+	36790246	1.49	617 3-	1/0 ACSR 6/1	2097	2069	1991	340	3370	74	33	0.04	1.02	91
36790247+	36790232	1.53	2 1-	2 ACSR 6/1	0	0	1971	339	16	1	1	0.00	1.40	0
36790269+	36790247	1.58	1 1-	2 ACSR 6/1	0	0	1947	338	6	0	0	0.00	1.40	0
36790233+	36790232	1.53	6 3-	2 ACSR 6/1	2083	2053	1972	339	35	0	0	0.00	1.02	0
36790234+	36790233	1.54	4 3-	2 ACSR 6/1	2079	2048	1966	339	27	0	0	0.00	1.02	0
36790002+	36790234	1.56	3 1-	2 ACSR 6/1	0	0	1958	339	14	0	1	0.00	0.81	0
36790231+	36790232	1.56	608 3-	1/0 ACSR 6/1	2075	2043	1961	339	3317	73	32	0.05	1.06	116
36790153+	36790231	1.63	602 3-	1/0 ACSR 6/1	2052	2018	1932	338	3258	72	32	0.05	1.10	111
36790160+	36790153	1.69	602 3-	1/0 ACSR 6/1	2035	1999	1910	337	3257	72	32	0.04	1.13	88
36790164+	36790160	1.72	601 3-	1/0 ACSR 6/1	2026	1988	1898	337	3256	72	32	0.02	1.15	47
36790157+	36790164	1.75	14 1-	2 ACSR 6/1	0	0	1881	337	79	5	3	0.00	1.56	0
36790158+	36790157	1.79	13 1-	2 ACSR 6/1	0	0	1868	336	71	4	3	0.00	1.56	0
36790155+	36790158	1.82	12 1-	2 ACSR 6/1	0	0	1853	336	64	4	2	0.00	1.57	0
36790200+	36790155	1.90	11 1-	2 ACSR 6/1	0	0	1819	335	55	3	2	0.00	1.57	0
36790201+	36790200	1.92	8 1-	2 ACSR 6/1	0	0	1809	334	38	2	1	0.00	1.57	0
36790202+	36790201	1.95	7 1-	2 ACSR 6/1	0	0	1797	334	28	1	1	0.00	1.57	0
36790203+	36790202	2.00	6 1-	2 ACSR 6/1	0	0	1778	333	21	1	1	0.00	1.57	0
36790165+	36790203	2.07	5 1-	2 ACSR 6/1	0	0	1749	332	21	1	1	0.00	1.57	0
36790167+	36790165	2.15	2 1-	2 ACSR 6/1	0	0	1721	331	6	0	0	0.00	1.57	0
36790166+	36790165	2.15	2 1-	2 ACSR 6/1	0	0	1721	331	6	0	0	0.00	1.57	0
36790159+	36790158	1.81	1 1-	2 ACSR 6/1	0	0	1856	336	7	0	0	0.00	1.56	0
36790156+	36790164	1.80	585 3-	1/0 ACSR 6/1	2000	1959	1864	336	3166	70	31	0.06	1.19	127
D36-79-P044+	36790156	1.80	14 1-	REC-25-E	0	0	1864	336	70	4	19	0.00	1.61	0
36790169+	D36-79-P044	1.81	14 1-	2 ACSR 6/1	0	0	1860	336	70	4	3	0.00	1.62	0
36790174+	36790169	1.87	13 1-	2 ACSR 6/1	0	0	1838	335	64	4	2	0.00	1.62	0
36790176+	36790174	1.93	12 1-	2 ACSR 6/1	0	0	1812	334	59	3	2	0.00	1.62	0
36790179+	36790176	1.98	8 1-	2 ACSR 6/1	0	0	1790	334	44	2	2	0.00	1.62	0
36790180+	36790179	2.05	6 1-	2 ACSR 6/1	0	0	1764	333	30	2	1	0.00	1.63	0
36790181+	36790180	2.08	4 1-	2 ACSR 6/1	0	0	1752	332	20	1	1	0.00	1.63	0
36790248+	36790181	2.12	3 1-	2 ACSR 6/1	0	0	1738	332	14	0	1	0.00	1.63	0
36790249+	36790248	2.18	1 1-	2 ACSR 6/1	0	0	1713	331	6	0	0	0.00	1.63	0
36790219+	36790180	2.08	1 1-	2 ACSR 6/1	0	0	1751	332	10	0	0	0.00	1.63	0
36790177+	36790176	1.99	3 1-	2 ACSR 6/1	0	0	1788	334	11	0	0	0.00	1.62	0
36790178+	36790177	2.01	0 1-	2 ACSR 6/1	0	0	1779	333	0	0	0	0.00	1.62	0
36790175+	36790174	1.90	1 1-	2 ACSR 6/1	0	0	1823	335	5	0	0	0.00	1.62	0
36790170+	36790156	1.87	9 1-	2 ACSR 6/1	0	0	1837	335	35	2	1	0.00	1.62	0
36790171+	36790170	1.93	7 1-	2 ACSR 6/1	0	0	1813	335	28	1	1	0.00	1.62	0
36790172+	36790171	1.98	6 1-	2 ACSR 6/1	0	0	1793	334	26	1	1	0.00	1.62	0
36790173+	36790172	2.01	3 1-	2 ACSR 6/1	0	0	1779	333	12	0	0	0.00	1.62	0
36790168+	36790156	1.84	1 1-	2 ACSR 6/1	0	0	1848	336	8	0	0	0.00	1.04	0
367900023+	36790156	1.87	561 3-	1/0 ACSR 6/1	1982	1939	1841	336	3052	67	30	0.04	1.23	83
36790272+	36790023	2.00	1 1-	1/0 ACSR 6/1	0	0	1792	334	7	0	0	0.00	1.65	0
36790271+	36790023	1.95	560 3-	1/0 ACSR 6/1	1958	1912	1811	335	3044	67	29	0.05	1.27	109
36790226+	36790271	2.04	551 3-	1/0 ACSR 6/1	1932	1882	1778	334	3008	67	29	0.05	1.32	124
36790229+	36790226	2.26	549 3-	1/0 ACSR 6/1	1874	1818	1707	332	3004	66	29	0.11	1.42	275
CAP157+	36790229	2.26	547 3-	Capacitor	0	0	0	0	2994	66	0	0.00	1.42	0
36790220+	CAP157	2.31	406 3-	2/0 ACSR 6/1	1861	1804	1690	331	2043	45	17	0.01	1.44	27

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36790222+	36790220	2.36	405 3-	2/0 ACSR 6/1	1849	1791	1676	331	2035	45	17	0.01	1.45	24
36790223+	36790222	2.39	398 3-	2/0 ACSR 6/1	1843	1784	1668	331	2000	44	17	0.00	1.46	13
36790207+	36790223	2.45	398 3-	2/0 ACSR 6/1	1827	1766	1649	330	2000	44	17	0.01	1.48	32
36790261+	36790207	2.59	395 3-	2/0 ACSR 6/1	1795	1732	1611	329	1975	44	16	0.02	1.52	63
36790262+	36790261	2.70	392 3-	2/0 ACSR 6/1	1770	1704	1581	328	1954	43	16	0.02	1.55	52
36690100+	36790262	2.78	1 1-	2 ACSR 6/1	0	0	1558	327	1	0	0	0.00	1.44	0
36690032+	36790262	2.77	391 3-	2/0 ACSR 6/1	1757	1690	1565	327	1952	43	16	0.01	1.57	28
36690101+	36690032	2.82	3 1-	2 ACSR 6/1	0	0	1549	327	23	1	1	0.00	1.47	0
36690102+	36690101	2.88	2 1-	2 ACSR 6/1	0	0	1530	326	12	0	0	0.00	1.47	0
36690103+	36690032	2.85	388 3-	2/0 ACSR 6/1	1737	1669	1542	327	1930	43	16	0.01	1.59	39
36690104+	36690103	3.05	386 3-	2/0 ACSR 6/1	1697	1626	1495	325	1920	42	16	0.03	1.64	85
36690105+	36690104	3.25	385 3-	2/0 ACSR 6/1	1656	1581	1448	323	1913	42	16	0.03	1.70	90
36690110+	36690105	3.46	384 3-	2/0 ACSR 6/1	1617	1540	1404	322	1906	42	16	0.03	1.75	89
D36-69-P033+	36690110	3.46	6 1-	FUS	0	0	1404	322	28	1	43	0.00	1.70	0
36690126+	D36-69-P033	3.53	6 1-	2 ACSR 6/1	0	0	1385	321	28	1	1	0.00	1.70	0
36690124+	36690126	3.66	4 1-	2 ACSR 6/1	0	0	1378	320	15	1	1	0.00	1.70	0
36690127+	36690124	4.54	2 1-	2 ACSR 6/1	0	0	1167	307	5	0	0	0.01	1.70	0
36590007+	36690127	4.78	1 1-	2 ACSR 6/1	0	0	1123	304	5	0	0	0.00	1.70	0
36590006+	36690127	4.72	1 1-	2 ACSR 6/1	0	0	1135	305	0	0	0	0.00	1.70	0
36690125+	36690124	3.59	2 1-	2 ACSR 6/1	0	0	1371	320	10	0	0	0.00	1.70	0
36690031+	36690110	3.49	378 3-	2/0 ACSR 6/1	1610	1533	1396	321	1877	42	16	0.01	1.76	15
36690111+	36690031	3.54	3 1-	2 ACSR 6/1	0	0	1385	321	16	1	1	0.00	1.71	0
36690030+	36690031	3.57	375 3-	2/0 ACSR 6/1	1596	1518	1381	321	1861	41	15	0.01	1.78	31
D36-69-P025+	36690030	3.57	7 1-	REC-50-E	0	0	1381	321	16	1	2	0.00	1.57	0
36690113+	D36-69-P025	3.62	7 1-	2 ACSR 6/1	0	0	1369	320	16	1	1	0.00	1.57	0
36690008+	36690113	3.66	3 1-	2 ACSR 6/1	0	0	1359	319	7	0	0	0.00	1.57	0
36690109+	36690008	3.75	1 1-	2 ACSR 6/1	0	0	1337	318	3	0	0	0.00	1.57	0
36690112+	36690030	3.59	367 3-	2/0 ACSR 6/1	1593	1515	1377	321	1843	41	15	0.00	1.79	7
36690096+	36690112	3.62	366 3-	2/0 ACSR 6/1	1587	1509	1371	320	1839	41	15	0.00	1.80	13
36690097+	36690096	3.75	364 3-	2/0 ACSR 6/1	1563	1483	1345	319	1838	41	15	0.02	1.83	54
36690033+	36690097	3.80	361 3-	2/0 ACSR 6/1	1554	1474	1335	319	1832	41	15	0.01	1.84	21
36690098+	36690033	3.82	2 1-	2 ACSR 6/1	0	0	1331	319	13	0	1	0.00	1.80	0
36690034+	36690033	3.93	357 3-	2/0 ACSR 6/1	1533	1452	1312	318	1811	40	15	0.02	1.88	48
36690035+	36690034	4.09	355 3-	2/0 ACSR 6/1	1507	1424	1284	316	1799	40	15	0.02	1.92	60
36590004+	36690035	4.11	1 1-	2 ACSR 6/1	0	0	1279	316	9	0	0	0.00	1.89	0
36590002+	36690035	4.17	354 3-	2/0 ACSR 6/1	1494	1410	1269	316	1790	40	15	0.01	1.94	31
36580031+	36590002	4.23	1 1-	2 ACSR 6/1	0	0	1255	315	4	0	0	0.00	1.76	0
36580003+	36590002	4.48	353 3-	2/0 ACSR 6/1	1445	1361	1218	313	1785	40	15	0.05	2.02	116
36680020+	36580003	4.57	353 3-	2/0 ACSR 6/1	1432	1347	1204	313	1784	40	15	0.01	2.04	33
36680021+	36680020	4.63	351 3-	2/0 ACSR 6/1	1423	1338	1195	312	1778	39	15	0.01	2.05	22
36680022+	36680021	4.72	351 3-	2/0 ACSR 6/1	1409	1323	1180	311	1777	39	15	0.01	2.08	36
36680023+	36680022	4.76	348 3-	2/0 ACSR 6/1	1404	1318	1175	311	1760	39	15	0.01	2.09	13
36680038+	36680023	4.80	1 1-	2 ACSR 6/1	0	0	1168	311	7	0	0	0.00	1.95	0
36680024+	36680023	4.83	345 3-	2/0 ACSR 6/1	1393	1307	1164	310	1748	39	15	0.01	2.10	27
D36-68-P004+	36680024	4.83	11 1-	REC-25-E	0	0	1164	310	68	4	19	0.00	1.97	0
36680025+	D36-68-P004	4.90	11 1-	2 ACSR 6/1	0	0	1152	310	68	4	3	0.00	1.97	0
36680026+	36680025	4.98	10 1-	2 ACSR 6/1	0	0	1138	309	62	4	2	0.00	1.98	0
36680027+	36680026	5.10	9 1-	2 ACSR 6/1	0	0	1118	307	54	3	2	0.01	1.98	0
36680029+	36680027	5.14	7 1-	2 ACSR 6/1	0	0	1111	306	41	2	2	0.00	1.98	0
36680030+	36680029	5.16	6 1-	2 ACSR 6/1	0	0	1108	306	34	2	1	0.00	1.98	0
36680035+	36680030	5.21	5 1-	2 ACSR 6/1	0	0	1099	306	29	1	1	0.00	1.99	0
36680037+	36680035	5.24	3 1-	2 ACSR 6/1	0	0	1094	305	18	1	1	0.00	1.99	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36680031+	36680037	5.31	1 1-	2 ACSR 6/1	0	0	1083	304	7	0	0	0.00	1.99	0
36680036+	36680035	5.29	1 1-	2 ACSR 6/1	0	0	1087	305	10	0	0	0.00	1.99	0
36680028+	36680027	5.14	1 1-	2 ACSR 6/1	0	0	1111	306	3	0	0	0.00	1.98	0
36680041+	36680024	4.87	334 3-	2/0 ACSR 6/1	1389	1302	1160	310	1680	37	14	0.00	2.11	11
36580032+	36680041	4.96	330 3-	2/0 ACSR 6/1	1376	1289	1146	309	1665	37	14	0.01	2.13	31
36580020+	36580032	5.00	327 3-	2/0 ACSR 6/1	1370	1283	1141	309	1627	36	14	0.00	2.14	13
36580025+	36580020	5.08	326 3-	2/0 ACSR 6/1	1360	1273	1130	309	1625	36	14	0.01	2.16	25
36580026+	36580025	5.11	2 1-	2 ACSR 6/1	0	0	1124	308	11	0	0	0.00	2.28	0
36580027+	36580025	5.11	324 3-	2/0 ACSR 6/1	1355	1268	1125	308	1614	36	13	0.00	2.17	12
36580030+	36580027	5.22	321 3-	2/0 ACSR 6/1	1341	1253	1111	307	1597	35	13	0.01	2.19	33
36580022+	36580030	5.33	320 3-	2/0 ACSR 6/1	1326	1239	1096	307	1592	35	13	0.01	2.22	34
36580035+	36580022	5.38	316 3-	2/0 ACSR 6/1	1320	1232	1090	306	1560	35	13	0.00	2.23	14
36580029+	36580035	5.55	315 3-	2/0 ACSR 6/1	1299	1211	1069	305	1555	34	13	0.02	2.26	49
36580034+	36580029	5.70	313 3-	2/0 ACSR 6/1	1280	1192	1050	304	1543	34	13	0.02	2.30	45
36570016+	36580034	5.82	1 1-	2 ACSR 6/1	0	0	1033	302	4	0	0	0.00	2.18	0
36570015+	36580034	5.77	310 3-	2/0 ACSR 6/1	1273	1185	1043	303	1527	34	13	0.01	2.31	18
36570018+	36570015	5.84	308 3-	2/0 ACSR 6/1	1263	1175	1034	303	1515	34	13	0.01	2.33	22
36570019+	36570018	5.88	306 3-	2/0 ACSR 6/1	1259	1171	1029	302	1501	33	13	0.00	2.34	11
36570020+	36570019	5.97	305 3-	2/0 ACSR 6/1	1249	1161	1020	302	1496	33	12	0.01	2.35	23
C36-57-P17+	36570020	5.97	0 3-	Capacitor	1249	1161	1020	302	0	-3	0	0.00	2.35	0
36570021+	36570020	6.06	305 3-	2/0 ACSR 6/1	1239	1151	1010	301	1496	33	13	0.01	2.37	25
36570014+	36570021	6.15	303 3-	2/0 ACSR 6/1	1229	1141	1000	300	1485	33	12	0.01	2.39	25
36470120+	36570014	6.18	301 3-	2/0 ACSR 6/1	1225	1137	996	300	1472	33	12	0.00	2.40	10
36470121+	36470120	6.26	296 3-	2/0 ACSR 6/1	1217	1129	988	299	1454	33	12	0.01	2.42	21
36470102+	36470121	6.28	3 1-	2 ACSR 6/1	0	0	985	299	11	0	0	0.00	2.55	0
36470101+	36470121	6.38	291 3-	2/0 ACSR 6/1	1204	1116	976	298	1431	32	12	0.01	2.45	30
36470099+	36470101	6.54	290 3-	2/0 ACSR 6/1	1187	1099	959	297	1418	32	12	0.02	2.48	42
36470091+	36470099	6.62	286 3-	2/0 ACSR 6/1	1178	1090	951	297	1401	31	12	0.01	2.50	20
36470092+	36470091	6.75	282 3-	2/0 ACSR 6/1	1166	1078	940	296	1389	31	12	0.01	2.53	29
D36-47-P014+	36470092	6.75	17 1-	REC-25-E	0	0	940	296	83	5	23	0.00	2.45	0
36470093+	D36-47-P014	6.77	17 1-	2 ACSR 6/1	0	0	936	295	83	5	3	0.00	2.46	0
36470094+	36470093	6.87	15 1-	2 ACSR 6/1	0	0	925	294	68	4	3	0.01	2.46	0
36470084+	36470094	6.92	10 1-	2 ACSR 6/1	0	0	919	294	38	2	1	0.00	2.46	0
36470086+	36470084	6.97	8 1-	2 ACSR 6/1	0	0	914	293	33	2	1	0.00	2.47	0
36470087+	36470086	6.99	7 1-	2 ACSR 6/1	0	0	911	293	22	1	1	0.00	2.47	0
36470125+	36470087	7.10	5 1-	2 ACSR 6/1	0	0	899	292	15	1	1	0.00	2.47	0
36470126+	36470125	7.32	4 1-	2 ACSR 6/1	0	0	874	289	10	0	0	0.00	2.47	0
36560005+	36470126	7.39	2 1-	2 ACSR 6/1	0	0	868	288	7	0	0	0.00	2.47	0
36560007+	36560005	7.67	0 1-	2 ACSR 6/1	0	0	840	285	0	0	0	0.00	2.47	0
36560008+	36560007	7.72	0 1-	2 ACSR 6/1	0	0	835	285	0	0	0	0.00	2.47	0
36560006+	36560005	7.73	1 1-	2 ACSR 6/1	0	0	834	284	4	0	0	0.00	2.47	0
36470085+	36470084	7.14	1 1-	2 ACSR 6/1	0	0	894	291	2	0	0	0.00	2.47	0
36570023+	36470085	7.19	1 1-	2 ACSR 6/1	0	0	888	290	2	0	0	0.00	2.47	0
36570002+	36470085	7.33	0 1-	2 ACSR 6/1	0	0	874	289	0	0	0	0.00	2.47	0
36470033+	36470094	6.92	5 1-	2 ACSR 6/1	0	0	919	294	31	2	1	0.00	2.46	0
36470096+	36470033	6.97	2 1-	2 ACSR 6/1	0	0	913	293	13	0	1	0.00	2.46	0
36470095+	36470033	6.97	3 1-	2 ACSR 6/1	0	0	914	293	17	1	1	0.00	2.46	0
36470088+	36470093	6.83	1 1-	2 ACSR 6/1	0	0	929	295	11	0	0	0.00	2.46	0
36470089+	36470092	6.80	263 3-	2/0 ACSR 6/1	1160	1073	934	295	1303	29	11	0.00	2.54	12
36470107+	36470089	6.85	262 3-	2/0 ACSR 6/1	1155	1068	929	295	1303	29	11	0.00	2.55	11
36470039+	36470107	6.86	1 1-	2 ACSR 6/1	0	0	928	295	8	0	0	0.00	2.46	0
36-47-P076-B+	36470039	6.86	1 1-	Closed	0	0	928	295	8	0	0	0.00	2.46	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36-47-P076-A+	36-47-P076-B	6.86	1 1-	Closed	0	0	928	295	8	0	0	0.00	2.46	0
36470108+	36-47-P076-A	6.91	1 1-	2 ACSR 6/1	0	0	923	294	8	0	0	0.00	2.46	0
36470109+	36470107	6.89	1 1-	2 ACSR 6/1	0	0	925	294	7	0	0	0.00	2.46	0
36470038+	36470107	6.90	260 3-	2/0 ACSR 6/1	1150	1063	925	295	1288	29	11	0.00	2.56	11
D36-47-P006+	36470038	6.90	11 1-	RCC-25-E	0	0	925	295	65	4	18	0.00	2.46	0
36470111+	D36-47-P006	6.92	11 1-	2 ACSR 6/1	0	0	923	294	65	4	2	0.00	2.46	0
36470116+	36470111	6.94	8 1-	2 ACSR 6/1	0	0	920	294	40	2	2	0.00	2.47	0
36470117+	36470116	6.98	1 1-	2 ACSR 6/1	0	0	916	294	10	0	0	0.00	2.47	0
36470100+	36470116	7.29	4 1-	2 ACSR 6/1	0	0	882	290	19	1	1	0.01	2.47	0
36460019+	36470100	7.36	3 1-	2 ACSR 6/1	0	0	874	289	15	0	1	0.00	2.47	0
36460020+	36460019	7.42	1 1-	2 ACSR 6/1	0	0	868	289	6	0	0	0.00	2.47	0
36460021+	36460019	7.42	2 1-	2 ACSR 6/1	0	0	868	289	9	0	0	0.00	2.47	0
36460022+	36460021	7.48	1 1-	2 ACSR 6/1	0	0	862	288	4	0	0	0.00	2.47	0
36470123+	36470116	7.03	3 1-	2 ACSR 6/1	0	0	910	293	12	0	0	0.00	2.47	0
36470112+	36470123	7.07	3 1-	2 ACSR 6/1	0	0	905	293	12	0	0	0.00	2.47	0
36470118+	36470038	6.94	248 3-	2/0 ACSR 6/1	1147	1059	921	294	1216	27	10	0.00	2.57	8
36470119+	36470118	7.01	246 3-	2/0 ACSR 6/1	1141	1053	915	294	1208	27	10	0.00	2.58	13
36470122+	36470119	7.05	3 1-	2 ACSR 6/1	0	0	911	293	15	1	1	0.00	2.77	0
36470035+	36470119	7.05	243 3-	2/0 ACSR 6/1	1136	1049	911	293	1193	27	10	0.00	2.59	9
36470124+	36470035	7.13	1 1-	2 ACSR 6/1	0	0	903	293	6	0	0	0.00	2.78	0
36470113+	36470035	7.15	242 3-	2/0 ACSR 6/1	1127	1040	903	293	1187	27	10	0.00	2.61	20
36470114+	36470113	7.18	241 3-	2/0 ACSR 6/1	1124	1037	900	292	1181	26	10	0.00	2.61	6
36470115+	36470114	7.22	2 1-	2 ACSR 6/1	0	0	896	292	10	0	0	0.00	2.47	0
36470036+	36470114	7.32	239 3-	2/0 ACSR 6/1	1111	1024	888	291	1171	26	10	0.00	2.64	27
36470037+	36470036	7.45	237 3-	2/0 ACSR 6/1	1100	1013	877	291	1159	26	10	0.00	2.66	25
36470103+	36470037	7.59	232 3-	2/0 ACSR 6/1	1087	1001	866	290	1128	25	10	0.00	2.68	26
36370052+	36470103	7.76	229 3-	2/0 ACSR 6/1	1073	986	852	288	1110	25	9	0.00	2.71	32
36370059+	36370052	7.79	227 3-	2/0 ACSR 6/1	1070	983	850	288	1098	25	9	0.00	2.72	6
D36-37-P011+	36370059	7.79	7 1-	RCC-25-E	0	0	850	288	30	2	8	0.00	2.95	0
36370056+	D36-37-P011	8.17	7 1-	2 ACSR 6/1	0	0	813	284	30	2	1	0.01	2.97	0
36370036+	36370056	8.39	6 1-	2 ACSR 6/1	0	0	794	281	29	2	1	0.01	2.97	0
36370054+	36370036	8.86	6 1-	2 ACSR 6/1	0	0	755	276	29	2	1	0.01	2.98	0
36380008+	36370054	8.90	4 1-	2 ACSR 6/1	0	0	752	276	16	1	1	0.00	2.98	0
36380009+	36380008	8.93	3 1-	2 ACSR 6/1	0	0	749	276	9	0	0	0.00	2.98	0
36380011+	36380009	9.03	3 1-	2 ACSR 6/1	0	0	742	275	9	0	0	0.00	2.99	0
36380012+	36380011	9.14	2 1-	2 ACSR 6/1	0	0	733	273	8	0	0	0.00	2.99	0
36380013+	36380012	9.20	2 1-	2 ACSR 6/1	0	0	729	273	8	0	0	0.00	2.99	0
36380014+	36380013	9.26	2 1-	2 ACSR 6/1	0	0	724	272	8	0	0	0.00	2.99	0
36380010+	36380009	8.97	0 1-	2 ACSR 6/1	0	0	746	275	0	0	0	0.00	2.98	0
36370038+	36370036	8.44	0 1-	2 ACSR 6/1	0	0	789	281	0	0	0	0.00	2.97	0
36370037+	36370036	8.44	0 1-	2 ACSR 6/1	0	0	790	281	0	0	0	0.00	2.97	0
36370048+	36370059	7.83	218 3-	1/0 ACSR 6/1	1066	980	846	288	1058	24	10	0.00	2.73	8
D36-37-P005+	36370048	7.83	5 1-	RCC-25-E	0	0	846	288	26	1	7	0.00	2.74	0
36370055+	D36-37-P005	8.01	5 1-	2 ACSR 6/1	0	0	829	286	26	1	1	0.00	2.75	0
36370040+	36370055	8.19	2 1-	2 ACSR 6/1	0	0	812	284	12	0	0	0.00	2.75	0
36370041+	36370040	8.26	1 1-	2 ACSR 6/1	0	0	806	283	8	0	0	0.00	2.75	0
36370039+	36370055	8.06	1 1-	2 ACSR 6/1	0	0	824	285	5	0	0	0.00	2.75	0
36370042+	36370048	7.93	213 3-	1/0 ACSR 6/1	1057	971	838	287	1032	23	10	0.00	2.75	19
36370044+	36370042	8.00	213 3-	1/0 ACSR 6/1	1051	965	832	286	1031	23	10	0.00	2.76	15
36370045+	36370044	8.06	211 3-	1/0 ACSR 6/1	1046	960	828	286	1021	23	10	0.00	2.77	11
36370046+	36370045	8.19	211 3-	1/0 ACSR 6/1	1034	949	818	285	1021	23	10	0.00	2.80	26
36360023+	36370046	8.23	198 3-	1/0 ACSR 6/1	1031	945	815	285	963	21	10	0.00	2.80	7

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
36360024+	36360023	8.28	197 3-	1/0 ACSR 6/1	1026	941	811	284	956	21	9	0.00	2.81	9
36360025+	36360024	8.32	1 1-	2 ACSR 6/1	0	0	807	284	2	0	0	0.00	3.08	0
36360026+	36360024	8.32	196 3-	1/0 ACSR 6/1	1023	937	808	284	954	21	9	0.00	2.82	7
R36-36-P45+	36360026	8.32	195 3-	0	1023	937	808	284	949	21	22	-0.08	2.40	0
36360020+	R36-36-P45	8.35	195 3-	1/0 ACSR 6/1	1020	935	806	284	949	21	9	0.00	2.40	5
D36-36-P039+	36360020	8.35	195 3-	ER3-WVE-140/100	1020	935	806	284	949	21	31	0.00	2.40	0
36360019+	D36-36-P039	8.36	195 3-	1/0 ACSR 6/1	1020	934	805	283	949	21	9	0.00	2.41	1
36-36-P039-B+	36360019	8.36	195 3-	Closed	1020	934	805	283	949	21	0	0.00	2.41	0
36-36-P039-A+	36-36-P039-B	8.36	195 3-	Closed	1020	934	805	283	949	21	0	0.00	2.41	0
36360002+	36-36-P039-A	8.70	195 3-	1/0 ACSR 6/1	991	907	780	281	949	21	9	0.01	2.47	58
36360022+	36360002	9.12	194 3-	1/0 ACSR 6/1	959	875	752	277	941	21	9	0.01	2.54	68
36360028+	36360022	9.14	1 1-	2 ACSR 6/1	0	0	750	277	4	0	0	0.00	2.58	0
36360029+	36360028	9.22	1 1-	2 ACSR 6/1	0	0	744	276	4	0	0	0.00	2.58	0
36360030+	36360029	9.32	0 1-	2 ACSR 6/1	0	0	737	275	0	0	0	0.00	2.58	0
36360018+	36360022	9.17	193 3-	1/0 ACSR 6/1	955	872	749	277	936	21	9	0.00	2.55	9
36460023+	36360018	9.22	192 3-	1/0 ACSR 6/1	952	868	745	277	935	21	9	0.00	2.56	8
36460025+	36460023	9.29	191 3-	1/0 ACSR 6/1	946	863	741	276	933	21	9	0.00	2.57	12
36460026+	36460025	9.42	188 3-	1/0 ACSR 6/1	937	854	733	275	914	20	9	0.00	2.60	20
36460017+	36460026	9.46	3 1-	2 ACSR 6/1	0	0	730	275	16	1	1	0.00	2.64	0
36460015+	36460026	9.49	185 3-	1/0 ACSR 6/1	932	849	728	275	898	20	9	0.00	2.61	11
36460018+	36460015	9.61	181 3-	1/0 ACSR 6/1	924	841	721	274	887	20	9	0.00	2.63	17
36460027+	36460018	9.66	0 1-	2 ACSR 6/1	0	0	718	273	0	0	0	0.00	2.68	0
36460028+	36460018	9.67	180 3-	1/0 ACSR 6/1	919	837	718	273	878	19	9	0.00	2.64	9
36450009+	36460028	9.94	176 3-	1/0 ACSR 6/1	901	819	702	271	866	19	9	0.00	2.68	38
36450006+	36450009	10.01	176 3-	1/0 ACSR 6/1	897	815	698	271	865	19	9	0.00	2.69	9
36450007+	36450006	10.24	175 3-	1/0 ACSR 6/1	881	800	685	269	861	19	9	0.00	2.73	33
36450008+	36450007	10.40	174 3-	1/0 ACSR 6/1	871	791	677	268	850	19	8	0.00	2.76	21
36550006+	36450008	10.60	173 3-	1/0 ACSR 6/1	859	779	666	266	847	19	8	0.00	2.79	27
36550063+	36550068	10.67	1 1-	2 ACSR 6/1	0	0	662	266	8	0	0	0.00	2.89	0
36550077+	36550068	10.73	171 3-	1/0 ACSR 6/1	851	771	659	265	835	19	8	0.00	2.81	18
36550078+	36550077	10.83	171 3-	1/0 ACSR 6/1	845	766	655	265	835	19	8	0.00	2.83	12
36550064+	36550078	10.91	6 1-	2 ACSR 6/1	0	0	650	264	34	2	1	0.00	2.43	0
36550075+	36550064	11.02	3 1-	2 ACSR 6/1	0	0	644	263	24	1	1	0.00	2.44	0
36550085+	36550075	11.11	1 1-	2 ACSR 6/1	0	0	638	262	7	0	0	0.00	2.44	0
36550084+	36550075	11.11	2 1-	2 ACSR 6/1	0	0	638	262	17	1	1	0.00	2.44	0
36550076+	36550084	11.20	1 1-	2 ACSR 6/1	0	0	633	261	8	0	0	0.00	2.44	0
36550071+	36550078	10.93	165 3-	1/0 ACSR 6/1	839	760	649	264	801	18	8	0.00	2.84	14
36550081+	36550071	11.04	1 1-	2 ACSR 6/1	0	0	643	263	0	0	0	0.00	2.43	0
36550082+	36550081	11.09	0 1-	2 ACSR 6/1	0	0	640	262	0	0	0	0.00	2.43	0
36550072+	36550071	10.95	164 3-	1/0 ACSR 6/1	838	759	649	264	801	18	8	0.00	2.84	2
36550065+	36550072	10.96	163 3-	1/0 ACSR 6/1	838	759	648	264	797	18	8	0.00	2.85	0
36-55-P020-B+	36550065	10.96	163 3-	Closed	838	759	648	264	797	18	0	0.00	2.85	0
36-55-P020-A+	36-55-P020-B	10.96	163 3-	Closed	838	759	648	264	797	18	0	0.00	2.85	0
36550067+	36-55-P020-A	10.97	163 3-	1/0 ACSR 6/1	837	758	648	264	797	18	8	0.00	2.85	0
36550069+	36550067	11.00	4 1-	2 ACSR 6/1	0	0	646	263	20	1	1	0.00	2.96	0
36550070+	36550069	11.04	3 1-	2 ACSR 6/1	0	0	644	263	13	0	1	0.00	2.96	0
36550086+	36550070	11.10	2 1-	2 ACSR 6/1	0	0	640	262	9	0	0	0.00	2.96	0
36550087+	36550086	11.14	1 1-	2 ACSR 6/1	0	0	638	262	8	0	0	0.00	2.96	0
36550066+	36550067	11.00	157 3-	1/0 ACSR 6/1	835	757	646	264	772	17	8	0.00	2.85	3
36550014+	36550066	11.20	155 3-	1/0 ACSR 6/1	824	746	637	262	766	17	8	0.00	2.88	25
36550073+	36550014	11.23	3 1-	2 ACSR 6/1	0	0	635	262	9	0	0	0.00	3.00	0
36550074+	36550073	11.27	2 1-	2 ACSR 6/1	0	0	633	261	4	0	0	0.00	3.00	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36550051+	36550074	11.37	1 1-	2 ACSR 6/1	0	0	627	260	1	0	0	0.00	3.00	0
36550052+	36550014	11.23	152 3-	1/0 ACSR 6/1	822	744	635	262	757	17	8	0.00	2.89	4
36550053+	36550052	11.26	151 3-	1/0 ACSR 6/1	821	743	634	262	753	17	7	0.00	2.89	3
36550055+	36550053	11.29	150 3-	1/0 ACSR 6/1	819	741	633	261	746	17	7	0.00	2.89	4
36550056+	36550055	11.32	148 3-	1/0 ACSR 6/1	817	739	631	261	738	16	7	0.00	2.90	4
D36-55-P009+	36550056	11.32	4 1-	FUS	0	0	631	261	23	1	36	0.00	3.02	0
36550079+	D36-55-P009	11.47	4 1-	2 ACSR 6/1	0	0	623	260	23	1	1	0.00	3.02	0
36550060+	36550079	11.55	3 1-	2 ACSR 6/1	0	0	619	259	16	1	1	0.00	3.02	0
36550061+	36550060	11.59	2 1-	2 ACSR 6/1	0	0	616	259	15	0	1	0.00	3.02	0
36550062+	36550061	11.66	1 1-	2 ACSR 6/1	0	0	613	258	9	0	0	0.00	3.02	0
36540022+	36550062	11.67	0 1-	2 ACSR 6/1	0	0	612	258	0	0	0	0.00	3.02	0
36540021+	36550062	11.70	1 1-	2 ACSR 6/1	0	0	610	258	9	0	0	0.00	3.02	0
36550058+	36550056	11.39	1 1-	2 ACSR 6/1	0	0	627	261	10	0	0	0.00	3.02	0
36550057+	36550056	11.38	142 3-	1/0 ACSR 6/1	814	736	628	261	701	16	7	0.00	2.91	6
D36-55-P008+	36550057	11.38	2 1-	FUS	0	0	628	261	11	0	17	0.00	2.43	0
36550080+	D36-55-P008	11.46	2 1-	2 ACSR 6/1	0	0	624	260	11	0	0	0.00	2.43	0
36550059+	36550080	11.51	1 1-	2 ACSR 6/1	0	0	621	260	7	0	0	0.00	2.43	0
36550048+	36550057	12.08	140 3-	1/0 ACSR 6/1	777	701	598	256	690	15	7	0.00	3.00	69
36540023+	36550048	12.19	138 3-	1/0 ACSR 6/1	772	696	593	255	685	15	7	0.00	3.01	11
D36-54-P019+	36540023	12.19	7 1-	FUS	0	0	593	255	31	2	47	0.00	2.42	0
36540027+	D36-54-P019	12.23	7 1-	2 ACSR 6/1	0	0	591	255	31	2	1	0.00	2.42	0
36640007+	36540027	12.31	6 1-	2 ACSR 6/1	0	0	587	254	23	1	1	0.00	2.42	0
36640027+	36640007	12.36	1 1-	2 ACSR 6/1	0	0	585	254	2	0	0	0.00	2.42	0
36640006+	36640007	12.39	3 1-	2 ACSR 6/1	0	0	584	253	17	1	1	0.00	2.42	0
36640020+	36640006	12.52	1 1-	2 ACSR 6/1	0	0	578	252	8	0	0	0.00	2.42	0
36640021+	36640020	12.73	0 1-	2 ACSR 6/1	0	0	568	250	0	0	0	0.00	2.42	0
36540024+	36540023	12.29	130 3-	1/0 ACSR 6/1	767	692	589	255	647	14	6	0.00	3.02	9
36540025+	36540024	12.36	3 1-	2 ACSR 6/1	0	0	586	254	14	0	1	0.00	2.42	0
36540013+	36540024	12.36	127 3-	1/0 ACSR 6/1	764	688	586	254	633	14	6	0.00	3.03	7
D36-54-P049+	36540013	12.36	74 1-	REC-70-E	0	0	586	254	327	22	32	0.00	3.53	0
36540026+	D36-54-P049	12.55	74 1-	2 ACSR 6/1	0	0	577	252	327	22	13	0.07	3.59	17
36540020+	36540026	12.74	73 1-	2 ACSR 6/1	0	0	568	251	324	22	12	0.07	3.66	17
36-54-P011-B+	36540020	12.74	73 1-	Closed	0	0	568	251	323	22	0	0.00	3.66	0
36-54-P011-A+	36-54-P011-B	12.74	73 1-	Closed	0	0	568	251	323	22	0	0.00	3.66	0
36540011+	36-54-P011-A	13.33	73 1-	2 ACSR 6/1	0	0	543	246	323	22	12	0.20	3.86	51
36540012+	36540011	14.03	73 1-	2 ACSR 6/1	0	0	515	240	323	22	12	0.24	4.09	61
36440005+	36540012	14.10	73 1-	2 ACSR 6/1	0	0	512	239	322	22	12	0.03	4.12	7
D36-44-P001+	36440005	14.10	72 1-	REC-50-E	0	0	512	239	308	21	43	0.00	4.12	0
36440008+	D36-44-P001	14.50	72 1-	2 ACSR 6/1	0	0	498	236	308	21	12	0.13	4.25	31
36340024+	36440008	14.69	70 1-	2 ACSR 6/1	0	0	491	234	297	20	11	0.06	4.31	14
D36-34-P004+	36340024	14.69	4 1-	REC-25-E	0	0	491	234	5	0	1	0.00	4.31	0
36340025+	D36-34-P004	14.77	4 1-	2 ACSR 6/1	0	0	488	234	5	0	0	0.00	4.31	0
36340026+	36340025	15.08	1 1-	2 ACSR 6/1	0	0	478	231	2	0	0	0.00	4.31	0
36330002+	36340026	15.47	1 1-	2 ACSR 6/1	0	0	466	228	2	0	0	0.00	4.31	0
36340006+	36340024	14.72	66 1-	2 ACSR 6/1	0	0	490	234	292	20	11	0.01	4.31	2
36340027+	36340006	14.81	4 1-	2 ACSR 6/1	0	0	487	233	19	1	1	0.00	4.32	0
36340028+	36340027	14.84	3 1-	2 ACSR 6/1	0	0	486	233	12	0	0	0.00	4.32	0
D36-34-P012+	36340028	14.84	3 1-	REC-25-E	0	0	486	233	12	0	3	0.00	4.32	0
36340021+	D36-34-P012	14.88	3 1-	2 ACSR 6/1	0	0	485	233	12	0	0	0.00	4.32	0
36340022+	36340021	15.24	2 1-	2 ACSR 6/1	0	0	473	230	9	0	0	0.00	4.32	0
36340023+	36340022	15.27	1 1-	2 ACSR 6/1	0	0	472	230	7	0	0	0.00	4.32	0
36340029+	36340006	14.89	62 1-	2 ACSR 6/1	0	0	484	233	272	18	10	0.05	4.36	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36340030+	36340029	15.19	62 1-	2 ACSR 6/1	0	0	474	231	272	18	10	0.09	4.45	19
36340031+	36340030	15.25	1 1-	2 ACSR 6/1	0	0	472	230	10	0	0	0.00	4.45	0
36340032+	36340031	15.28	1 1-	2 ACSR 6/1	0	0	472	230	10	0	0	0.00	4.45	0
36340020+	36340030	15.38	61 1-	2 ACSR 6/1	0	0	468	229	262	18	10	0.05	4.50	11
36240040+	36340020	15.47	59 1-	2 ACSR 6/1	0	0	466	228	251	17	10	0.02	4.52	5
36240064+	36240040	15.53	59 1-	2 ACSR 6/1	0	0	464	228	251	17	10	0.02	4.54	3
36240041+	36240064	15.58	58 1-	2 ACSR 6/1	0	0	462	228	247	17	10	0.01	4.55	3
36240042+	36240041	15.65	1 1-	2 ACSR 6/1	0	0	460	227	8	0	0	0.00	4.55	0
36240037+	36240041	15.69	6 1-	2 ACSR 6/1	0	0	459	227	20	1	1	0.00	4.56	0
36240038+	36240037	15.77	5 1-	2 ACSR 6/1	0	0	456	226	17	1	1	0.00	4.56	0
D36-24-P003+	36240038	15.77	3 1-	REC-15-E	0	0	456	226	12	0	5	0.00	4.56	0
36240008+	D36-24-P003	15.93	3 1-	2 ACSR 6/1	0	0	452	225	12	0	0	0.00	4.56	0
36230006+	36240008	16.02	1 1-	2 ACSR 6/1	0	0	449	224	7	0	0	0.00	4.56	0
36230002+	36240008	16.04	2 1-	2 ACSR 6/1	0	0	448	224	5	0	0	0.00	4.56	0
36230008+	36230002	16.58	2 1-	2 ACSR 6/1	0	0	433	220	5	0	0	0.00	4.56	0
36230007+	36230002	16.08	0 1-	2 ACSR 6/1	0	0	447	224	0	0	0	0.00	4.56	0
36240006+	36240041	15.64	51 1-	2 ACSR 6/1	0	0	460	227	219	15	8	0.01	4.57	2
D36-24-P035+	36240006	15.64	2 1-	REC-25-E	0	0	460	227	15	1	4	0.00	4.57	0
36240052+	D36-24-P035	15.68	2 1-	2 ACSR 6/1	0	0	459	227	15	1	1	0.00	4.57	0
36240053+	36240006	15.79	49 1-	2 ACSR 6/1	0	0	456	226	204	14	8	0.03	4.60	5
36240054+	36240053	15.84	47 1-	2 ACSR 6/1	0	0	454	226	187	12	7	0.01	4.61	2
36240056+	36240054	15.90	45 1-	2 ACSR 6/1	0	0	453	225	184	12	7	0.01	4.62	1
36240057+	36240056	15.94	44 1-	2 ACSR 6/1	0	0	451	225	175	12	7	0.01	4.63	1
36240059+	36240057	15.99	2 1-	2 ACSR 6/1	0	0	450	225	11	0	0	0.00	4.63	0
36240047+	36240057	16.01	29 1-	2 ACSR 6/1	0	0	449	224	130	8	5	0.01	4.64	0
36240048+	36240047	16.08	27 1-	2 ACSR 6/1	0	0	447	224	118	8	5	0.01	4.64	0
36240049+	36240048	16.13	26 1-	2 ACSR 6/1	0	0	446	224	112	7	4	0.01	4.65	0
36240050+	36240049	16.30	25 1-	2 ACSR 6/1	0	0	441	222	104	7	4	0.02	4.67	2
36240035+	36240050	16.47	25 1-	2 ACSR 6/1	0	0	436	221	104	7	4	0.02	4.69	1
36240051+	36240035	16.54	22 1-	2 ACSR 6/1	0	0	434	221	88	6	3	0.01	4.69	0
36140028+	36240051	16.60	1 1-	2 ACSR 6/1	0	0	433	220	6	0	0	0.00	4.69	0
36140027+	36240051	16.60	21 1-	2 ACSR 6/1	0	0	433	220	81	5	3	0.00	4.70	0
36140036+	36140027	16.81	20 1-	2 ACSR 6/1	0	0	427	219	72	4	3	0.02	4.71	0
36140037+	36140036	17.02	19 1-	2 ACSR 6/1	0	0	422	217	67	4	3	0.01	4.73	0
36140040+	36140037	17.13	4 1-	2 ACSR 6/1	0	0	419	217	11	0	0	0.00	4.73	0
36140041+	36140040	17.16	0 1-	2 ACSR 6/1	0	0	418	216	0	0	0	0.00	4.73	0
36140044+	36140040	17.26	1 1-	2 ACSR 6/1	0	0	415	216	7	0	0	0.00	4.73	0
36140039+	36140037	17.07	1 1-	2 ACSR 6/1	0	0	420	217	1	0	0	0.00	4.73	0
36140038+	36140037	17.07	2 1-	2 ACSR 6/1	0	0	420	217	11	0	0	0.00	4.73	0
36140043+	36140038	17.10	0 1-	2 ACSR 6/1	0	0	420	217	0	0	0	0.00	4.73	0
36140007+	36140037	17.14	12 1-	2 ACSR 6/1	0	0	419	217	44	3	2	0.01	4.73	0
36140029+	36140007	17.22	1 1-	2 ACSR 6/1	0	0	417	216	1	0	0	0.00	4.73	0
36140008+	36140007	17.24	11 1-	2 ACSR 6/1	0	0	416	216	43	2	2	0.00	4.74	0
36140030+	36140008	17.29	2 1-	2 ACSR 6/1	0	0	415	216	4	0	0	0.00	4.74	0
36140034+	36140008	17.31	9 1-	2 ACSR 6/1	0	0	414	215	39	2	1	0.00	4.74	0
36140031+	36140034	17.39	9 1-	2 ACSR 6/1	0	0	412	215	39	2	1	0.00	4.74	0
36140032+	36140031	17.43	7 1-	2 ACSR 6/1	0	0	411	215	27	1	1	0.00	4.75	0
36140042+	36140032	17.48	5 1-	2 ACSR 6/1	0	0	410	214	24	1	1	0.00	4.75	0
36140033+	36140042	17.52	4 1-	2 ACSR 6/1	0	0	409	214	20	1	1	0.00	4.75	0
36040001+	36140033	17.55	3 1-	2 ACSR 6/1	0	0	408	214	12	0	0	0.00	4.75	0
36040002+	36040001	17.57	2 1-	2 ACSR 6/1	0	0	408	214	12	0	0	0.00	4.75	0
36040003+	36040002	17.73	1 1-	2 ACSR 6/1	0	0	404	213	8	0	0	0.00	4.75	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36140035+	36140027	16.63	1 1-	2 ACSR 6/1	0	0	432	220	9	0	0	0.00	4.70	0
36240036+	36240035	16.54	1 1-	2 ACSR 6/1	0	0	434	221	7	0	0	0.00	4.69	0
36240058+	36240049	16.18	1 1-	2 ACSR 6/1	0	0	444	223	9	0	0	0.00	4.65	0
36240046+	36240057	15.99	6 1-	2 ACSR 6/1	0	0	450	225	20	1	1	0.00	4.63	0
36240043+	36240057	15.97	7 1-	2 ACSR 6/1	0	0	450	225	14	1	1	0.00	4.63	0
D36-24-P042+	36240043	15.97	7 1-	REC-15-E	0	0	450	225	14	1	7	0.00	4.63	0
36240007+	D36-24-P042	16.04	7 1-	2 ACSR 6/1	0	0	448	224	14	1	1	0.00	4.63	0
36240044+	36240007	16.11	2 1-	2 ACSR 6/1	0	0	446	224	4	0	0	0.00	4.63	0
36240061+	36240007	16.29	5 1-	2 ACSR 6/1	0	0	441	222	11	0	0	0.00	4.63	0
36240062+	36240061	16.55	5 1-	2 ACSR 6/1	0	0	434	221	11	0	0	0.00	4.63	0
36240045+	36240062	16.59	3 1-	2 ACSR 6/1	0	0	433	220	6	0	0	0.00	4.63	0
36240060+	36240045	17.00	2 1-	2 ACSR 6/1	0	0	422	218	6	0	0	0.00	4.64	0
36240055+	36240054	15.88	2 1-	2 ACSR 6/1	0	0	453	225	3	0	0	0.00	4.61	0
36240063+	36240053	15.84	1 1-	2 ACSR 6/1	0	0	454	226	9	0	0	0.00	4.60	0
36240039+	36340020	15.44	1 1-	2 ACSR 6/1	0	0	466	229	10	0	0	0.00	4.50	0
36440006+	36440005	14.13	1 1-	2 ACSR 6/1	0	0	511	239	14	0	1	0.00	4.12	0
36440004+	36540012	14.10	0 1-	2 ACSR 6/1	0	0	512	239	0	0	0	0.00	4.09	0
36540010+	36540013	12.43	53 3-	2 ACSR 6/1	759	684	583	254	306	6	4	-0.01	3.04	5
36640028+	36540010	12.49	1 1-	2 ACSR 6/1	0	0	580	253	4	0	0	0.00	3.18	0
36640004+	36540010	12.51	52 1-	2 ACSR 6/1	0	0	579	253	302	20	11	0.02	3.20	6
D36-64-P012+	36640004	12.51	52 1-	REC-50-E	0	0	579	253	302	20	41	0.00	3.20	0
36640029+	D36-64-P012	12.79	52 1-	2 ACSR 6/1	0	0	566	250	302	20	11	0.09	3.29	21
36640022+	36640029	13.07	51 1-	2 ACSR 6/1	0	0	554	248	294	20	11	0.09	3.37	20
36640023+	36640022	13.34	50 1-	2 ACSR 6/1	0	0	542	245	290	19	11	0.08	3.46	19
36640024+	36640023	13.39	0 1-	2 ACSR 6/1	0	0	540	245	0	0	0	0.00	3.46	0
36640005+	36640023	13.43	50 1-	2 ACSR 6/1	0	0	538	245	290	19	11	0.03	3.49	7
36640026+	36640005	13.50	49 1-	2 ACSR 6/1	0	0	536	244	290	19	11	0.02	3.51	5
36640019+	36640026	13.56	48 1-	2 ACSR 6/1	0	0	533	244	289	19	11	0.02	3.52	5
36740019+	36640019	13.65	48 1-	2 ACSR 6/1	0	0	530	243	289	19	11	0.02	3.55	6
36740020+	36740019	13.69	47 1-	2 ACSR 6/1	0	0	528	242	286	19	11	0.01	3.56	3
36740021+	36740020	13.74	46 1-	2 ACSR 6/1	0	0	526	242	281	19	11	0.02	3.58	3
36740022+	36740021	13.81	43 1-	2 ACSR 6/1	0	0	523	242	272	18	10	0.02	3.60	4
36740013+	36740022	13.97	40 1-	2 ACSR 6/1	0	0	517	240	252	17	10	0.04	3.64	9
36740014+	36740013	14.01	39 1-	2 ACSR 6/1	0	0	516	240	244	16	9	0.01	3.65	2
D36-74-P002+	36740014	14.01	39 1-	REC-35-E	0	0	516	240	244	16	48	0.00	3.65	0
36740015+	D36-74-P002	14.05	39 1-	2 ACSR 6/1	0	0	514	240	244	16	9	0.01	3.66	2
36740016+	36740015	14.09	37 1-	2 ACSR 6/1	0	0	513	239	238	16	9	0.01	3.67	2
36740017+	36740016	14.18	36 1-	2 ACSR 6/1	0	0	509	238	234	16	9	0.02	3.69	4
36740018+	36740017	14.39	36 1-	2 ACSR 6/1	0	0	502	237	234	16	9	0.05	3.74	10
36730004+	36740018	14.44	36 1-	2 ACSR 6/1	0	0	500	236	234	16	9	0.01	3.75	2
36730028+	36730004	14.54	15 1-	2 ACSR 6/1	0	0	496	236	100	6	4	0.01	3.76	0
36730029+	36730028	14.63	13 1-	2 ACSR 6/1	0	0	493	235	87	6	3	0.01	3.77	0
36730030+	36730029	14.69	13 1-	2 ACSR 6/1	0	0	491	234	87	6	3	0.01	3.78	0
36730032+	36730030	14.75	11 1-	2 ACSR 6/1	0	0	489	234	73	5	3	0.00	3.78	0
36730033+	36730032	14.79	9 1-	2 ACSR 6/1	0	0	488	234	56	3	2	0.00	3.78	0
36730034+	36730033	14.85	2 1-	2 ACSR 6/1	0	0	486	233	17	1	1	0.00	3.79	0
36730035+	36730034	14.90	2 1-	2 ACSR 6/1	0	0	484	233	17	1	1	0.00	3.79	0
36730040+	36730035	14.94	1 1-	2 ACSR 6/1	0	0	482	232	10	0	0	0.00	3.79	0
36730005+	36730033	14.83	7 1-	2 ACSR 6/1	0	0	486	233	40	2	2	0.00	3.79	0
36730037+	36730005	14.89	1 1-	2 ACSR 6/1	0	0	484	233	8	0	0	0.00	3.79	0
36730036+	36730005	14.85	2 1-	2 ACSR 6/1	0	0	486	233	12	0	0	0.00	3.79	0
36730006+	36730005	15.63	4 1-	2 ACSR 6/1	0	0	461	227	20	1	1	0.02	3.80	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36720008+	36730006	15.90	3 1-	2 ACSR 6/1	0	0	452	225	20	1	1	0.01	3.81	0
36720010+	36720008	15.96	2 1-	2 ACSR 6/1	0	0	451	225	13	0	1	0.00	3.81	0
36720011+	36720010	16.05	1 1-	2 ACSR 6/1	0	0	448	224	7	0	0	0.00	3.81	0
36720012+	36720011	16.11	0 1-	2 ACSR 6/1	0	0	446	224	0	0	0	0.00	3.81	0
36720009+	36720008	15.96	1 1-	2 ACSR 6/1	0	0	451	225	6	0	0	0.00	3.81	0
36720007+	36730006	15.87	1 1-	2 ACSR 6/1	0	0	453	225	0	0	0	0.00	3.80	0
36730031+	36730030	14.74	1 1-	2 ACSR 6/1	0	0	489	234	8	0	0	0.00	3.78	0
36730038+	36730004	14.52	21 1-	2 ACSR 6/1	0	0	497	236	134	9	5	0.01	3.77	1
36730024+	36730038	14.56	20 1-	2 ACSR 6/1	0	0	496	235	127	8	5	0.00	3.77	0
36730026+	36730024	14.70	16 1-	2 ACSR 6/1	0	0	491	234	107	7	4	0.02	3.79	1
36730027+	36730026	14.75	1 1-	2 ACSR 6/1	0	0	489	234	2	0	0	0.00	3.79	0
36730039+	36730026	14.75	14 1-	2 ACSR 6/1	0	0	489	234	101	6	4	0.00	3.79	0
36830014+	36730039	14.78	12 1-	2 ACSR 6/1	0	0	488	234	87	5	3	0.00	3.79	0
36830019+	36830014	14.84	8 1-	2 ACSR 6/1	0	0	486	233	61	4	2	0.00	3.80	0
36830020+	36830019	14.92	7 1-	2 ACSR 6/1	0	0	483	233	54	3	2	0.00	3.80	0
36830002+	36830020	15.10	2 1-	2 ACSR 6/1	0	0	477	231	17	1	1	0.00	3.80	0
36830003+	36830002	15.13	0 1-	2 ACSR 6/1	0	0	476	231	0	0	0	0.00	3.80	0
36830021+	36830020	15.01	3 1-	2 ACSR 6/1	0	0	480	232	20	1	1	0.00	3.80	0
36830001+	36830021	15.04	2 1-	2 ACSR 6/1	0	0	479	232	11	0	0	0.00	3.80	0
36830016+	36830014	14.85	3 1-	2 ACSR 6/1	0	0	486	233	19	1	1	0.00	3.79	0
36830017+	36830016	14.88	2 1-	2 ACSR 6/1	0	0	485	233	14	0	1	0.00	3.79	0
36830018+	36830017	15.09	1 1-	2 ACSR 6/1	0	0	478	231	8	0	0	0.00	3.80	0
36830015+	36830014	14.82	1 1-	2 ACSR 6/1	0	0	487	233	6	0	0	0.00	3.79	0
36730025+	36730024	14.62	2 1-	2 ACSR 6/1	0	0	493	235	8	0	0	0.00	3.77	0
36740012+	36740022	13.87	2 1-	2 ACSR 6/1	0	0	521	241	16	1	1	0.00	3.60	0
36640025+	36640005	13.49	1 1-	2 ACSR 6/1	0	0	536	244	0	0	0	0.00	3.49	0
36550054+	36550053	11.31	1 1-	2 ACSR 6/1	0	0	631	261	8	0	0	0.00	3.01	0
36550049+	36550066	11.04	2 1-	2 ACSR 6/1	0	0	644	263	6	0	0	0.00	2.43	0
36550050+	36550049	11.12	1 1-	2 ACSR 6/1	0	0	639	262	3	0	0	0.00	2.43	0
36550047+	36450008	10.57	1 2-	1/0 ACSR 6/1	0	806	668	267	3	0	0	0.00	2.64	0
36460016+	36460015	9.66	2 1-	2 ACSR 6/1	0	0	716	273	4	0	0	0.00	2.42	0
36460024+	36460023	9.31	1 1-	2 ACSR 6/1	0	0	739	276	2	0	0	0.00	2.41	0
36360021+	36360002	8.72	1 1-	2 ACSR 6/1	0	0	778	281	8	0	0	0.00	2.52	0
36360017+	36370046	8.25	12 1-	2 ACSR 6/1	0	0	812	284	50	3	2	0.00	3.06	0
D36-37-P095+	36360017	8.25	12 1-	RBC-25-E	0	0	812	284	50	3	14	0.00	3.06	0
36370047+	D36-37-P095	8.29	12 1-	2 ACSR 6/1	0	0	809	284	50	3	2	0.00	3.06	0
36370057+	36370047	8.35	9 1-	2 ACSR 6/1	0	0	804	283	39	2	1	0.00	3.07	0
36370058+	36370057	8.44	8 1-	2 ACSR 6/1	0	0	796	282	32	2	1	0.00	3.07	0
36370049+	36370058	8.48	6 1-	2 ACSR 6/1	0	0	792	282	22	1	1	0.00	3.07	0
36370050+	36370049	8.65	5 1-	2 ACSR 6/1	0	0	778	280	20	1	1	0.00	3.07	0
36370051+	36370050	8.75	3 1-	2 ACSR 6/1	0	0	769	279	14	0	1	0.00	3.07	0
36370043+	36370042	8.00	0 1-	2 ACSR 6/1	0	0	832	286	0	0	0	0.00	2.77	0
36370053+	36370052	7.80	2 1-	2 ACSR 6/1	0	0	848	288	12	0	0	0.00	2.95	0
36470034+	36470037	7.48	5 1-	2 ACSR 6/1	0	0	874	290	30	2	1	0.00	2.48	0
36470083+	36470034	7.58	4 1-	2 ACSR 6/1	0	0	863	289	25	1	1	0.00	2.48	0
36470105+	36470034	7.51	1 1-	2 ACSR 6/1	0	0	871	290	6	0	0	0.00	2.48	0
36470104+	36470036	7.35	2 1-	2 ACSR 6/1	0	0	884	291	12	0	0	0.00	2.84	0
36470110+	36470038	6.94	1 1-	2 ACSR 6/1	0	0	921	294	7	0	0	0.00	2.74	0
36470090+	36470099	6.60	2 1-	2 ACSR 6/1	0	0	952	297	9	0	0	0.00	2.64	0
36470098+	36470101	6.42	1 1-	2 ACSR 6/1	0	0	970	298	13	0	0	0.00	2.41	0
36470097+	36470121	6.31	1 1-	2 ACSR 6/1	0	0	981	299	6	0	0	0.00	2.55	0
36470106+	36470121	6.31	1 1-	2 ACSR 6/1	0	0	981	299	6	0	0	0.00	2.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36570022+	36570021	6.08	2 1-	2 ACSR 6/1	0	0	1007	301	11	0	0	0.00	2.38	0
36570024+	36570018	5.88	2 1-	2 ACSR 6/1	0	0	1028	302	14	0	1	0.00	2.35	0
36570017+	36570015	5.80	2 1-	2 ACSR 6/1	0	0	1037	303	12	0	0	0.00	2.35	0
36580028+	36580035	5.46	1 1-	2 ACSR 6/1	0	0	1078	305	4	0	0	0.00	2.28	0
36580024+	36580022	5.39	2 1-	2 ACSR 6/1	0	0	1087	306	12	0	0	0.00	2.26	0
36580023+	36580022	5.38	1 1-	2 ACSR 6/1	0	0	1089	306	11	0	0	0.00	2.09	0
36580021+	36580030	5.29	1 1-	2 ACSR 6/1	0	0	1100	307	5	0	0	0.00	2.23	0
36580033+	36580032	4.98	2 1-	2 ACSR 6/1	0	0	1142	309	26	1	1	0.00	2.26	0
36680019+	36580003	4.53	0 1-	2 ACSR 6/1	0	0	1208	313	0	0	0	0.00	2.19	0
36690093+	36690034	3.97	2 1-	2 ACSR 6/1	0	0	1303	317	11	0	0	0.00	1.69	0
36690094+	36690093	4.02	1 1-	2 ACSR 6/1	0	0	1290	316	5	0	0	0.00	1.69	0
36690092+	36690033	3.84	2 1-	2 ACSR 6/1	0	0	1327	318	7	0	0	0.00	1.80	0
36690091+	36690097	3.79	3 1-	2 ACSR 6/1	0	0	1337	319	5	0	0	0.00	1.79	0
36690106+	36690105	3.30	1 1-	2 ACSR 6/1	0	0	1437	323	7	0	0	0.00	2.01	0
36790260+	36790207	2.50	2 1-	2 ACSR 6/1	0	0	1632	329	18	1	1	0.00	1.36	0
36790268+	36790260	2.53	1 1-	2 ACSR 6/1	0	0	1622	329	9	0	0	0.00	1.36	0
36790221+	36790222	2.43	1 1-	2 ACSR 6/1	0	0	1650	330	5	0	0	0.00	1.32	0
36790204+	36790222	2.40	3 1-	2 ACSR 6/1	0	0	1661	330	21	1	1	0.00	1.16	0
36790205+	36790204	2.43	2 1-	2 ACSR 6/1	0	0	1652	330	19	1	1	0.00	1.16	0
36790206+	36790205	2.51	2 1-	2 ACSR 6/1	0	0	1623	329	19	1	1	0.00	1.16	0
36790208+	CAP157	2.34	141 3-	1/0 ACSR 6/1	1854	1796	1683	331	951	21	9	0.03	1.44	14
36790187+	36790208	2.41	6 1-	2 ACSR 6/1	0	0	1656	330	43	2	2	0.00	1.89	0
37720125+	36790187	2.43	4 1-	2 ACSR 6/1	0	0	1649	330	30	2	1	0.00	1.90	0
37720127+	37720125	2.46	3 1-	2 ACSR 6/1	0	0	1638	329	24	1	1	0.00	1.90	0
37720128+	37720127	2.51	2 1-	2 ACSR 6/1	0	0	1622	329	18	1	1	0.00	1.90	0
37720129+	37720128	2.53	1 1-	2 ACSR 6/1	0	0	1614	328	11	0	0	0.00	1.90	0
37720126+	37720125	2.47	1 1-	2 ACSR 6/1	0	0	1636	329	6	0	0	0.00	1.90	0
36790154+	36790208	2.45	130 3-	1/0 ACSR 6/1	1825	1765	1649	330	879	20	9	0.04	1.46	17
37720134+	36790154	2.48	128 3-	1/0 ACSR 6/1	1817	1756	1638	330	861	19	9	0.01	1.46	5
37720135+	37720134	2.51	127 3-	1/0 ACSR 6/1	1811	1749	1631	329	854	19	8	0.01	1.47	4
37720085+	37720135	2.56	118 3-	1/0 ACSR 6/1	1798	1735	1616	329	806	18	8	0.02	1.47	7
37720086+	37720085	2.60	113 3-	1/0 ACSR 6/1	1786	1722	1603	328	784	17	8	0.02	1.48	6
D37-72-P009+	37720086	2.60	14 1-	RBC-35-E	0	0	1603	328	68	4	13	0.00	1.98	0
37720108+	D37-72-P009	2.64	14 1-	2 ACSR 6/1	0	0	1591	328	68	4	3	0.00	1.99	0
37720109+	37720108	2.66	12 1-	2 ACSR 6/1	0	0	1584	327	59	3	2	0.00	1.99	0
37720122+	37720109	2.70	7 1-	2 ACSR 6/1	0	0	1571	327	41	2	2	0.00	1.99	0
37720121+	37720122	2.76	1 1-	2 ACSR 6/1	0	0	1553	326	5	0	0	0.00	1.99	0
37720120+	37720122	2.74	4 1-	2 ACSR 6/1	0	0	1560	326	22	1	1	0.00	1.99	0
37720078+	37720120	2.98	4 1-	2 ACSR 6/1	0	0	1487	323	22	1	1	0.00	1.99	0
37720088+	37720078	3.03	3 1-	2 ACSR 6/1	0	0	1472	322	16	1	1	0.00	1.99	0
37620004+	37720088	3.33	2 1-	2 ACSR 6/1	0	0	1391	318	9	0	0	0.00	2.00	0
37620005+	37620004	3.46	1 1-	2 ACSR 6/1	0	0	1358	317	1	0	0	0.00	2.00	0
37620003+	37720088	3.13	1 1-	2 ACSR 6/1	0	0	1445	321	7	0	0	0.00	1.99	0
37720110+	37720109	2.73	5 1-	2 ACSR 6/1	0	0	1562	327	18	1	1	0.00	1.99	0
37720119+	37720110	2.80	1 1-	2 ACSR 6/1	0	0	1540	326	5	0	0	0.00	1.99	0
37720011+	37720086	2.68	96 3-	1/0 ACSR 6/1	1770	1704	1583	328	700	16	7	0.02	1.49	7
37720089+	37720011	2.73	96 3-	1/0 ACSR 6/1	1756	1690	1568	327	700	16	7	0.01	1.50	5
37720091+	37720089	2.81	94 3-	1/0 ACSR 6/1	1737	1669	1546	326	686	15	7	0.02	1.51	7
37720087+	37720091	2.92	91 3-	1/0 ACSR 6/1	1713	1643	1518	325	675	15	7	0.03	1.52	10
37720010+	37720087	3.02	24 3-	1/0 ACSR 6/1	1690	1618	1492	324	139	3	1	0.01	1.53	0
37720103+	37720010	3.11	15 3-	1/0 ACSR 6/1	1672	1598	1471	323	93	2	1	0.00	1.53	0
37720105+	37720103	3.14	1 1-	2 ACSR 6/1	0	0	1461	323	2	0	0	0.00	1.37	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
37720104+	37720103	3.26	12 3-	1/0 ACSR 6/1	1639	1563	1434	322	84	1	1	0.01	1.53	0
37720132+	37720104	3.56	3 3-	1/0 ACSR 6/1	1580	1500	1369	319	30	0	0	0.00	1.53	0
37730060+	37720132	3.67	0 3-	1/0 ACSR 6/1	1558	1477	1346	318	0	0	0	0.00	1.53	0
37-73-P002-B+	37730060	3.67	0 3-	Open	1558	1477	1346	318	0	0	0	0.00	1.53	0
37730059+	37720132	3.62	1 1-	2 ACSR 6/1	0	0	1354	318	13	0	0	0.00	2.09	0
37720107+	37720104	3.31	9 1-	2 ACSR 6/1	0	0	1422	321	53	3	2	0.00	2.09	0
37720093+	37720107	3.40	4 1-	2 ACSR 6/1	0	0	1399	320	25	1	1	0.00	2.09	0
37720094+	37720093	3.47	2 1-	2 ACSR 6/1	0	0	1379	319	11	0	0	0.00	2.09	0
37720095+	37720094	3.54	1 1-	2 ACSR 6/1	0	0	1362	318	8	0	0	0.00	2.09	0
37720111+	37720095	3.66	1 1-	2 ACSR 6/1	0	0	1334	317	8	0	0	0.00	2.09	0
37720092+	37720107	3.34	4 1-	2 ACSR 6/1	0	0	1414	321	21	1	1	0.00	2.09	0
37720123+	37720092	3.38	2 1-	2 ACSR 6/1	0	0	1403	320	13	0	0	0.00	2.09	0
37720124+	37720123	3.41	1 1-	2 ACSR 6/1	0	0	1394	320	5	0	0	0.00	2.09	0
37720102+	37720010	3.07	2 1-	2 ACSR 6/1	0	0	1479	324	6	0	0	0.00	2.07	0
37720097+	37720010	3.16	7 1-	2 ACSR 6/1	0	0	1453	322	39	2	1	0.00	2.08	0
37720098+	37720097	3.28	3 1-	2 ACSR 6/1	0	0	1420	321	20	1	1	0.00	2.08	0
37720100+	37720098	3.33	3 1-	2 ACSR 6/1	0	0	1406	320	20	1	1	0.00	2.08	0
37720101+	37720100	3.38	1 1-	2 ACSR 6/1	0	0	1395	319	11	0	0	0.00	2.08	0
37720099+	37720098	3.32	0 1-	2 ACSR 6/1	0	0	1410	320	0	0	0	0.00	2.08	0
37720015+	37720087	3.16	67 3-	1/0 ACSR 6/1	1661	1587	1459	323	536	12	5	0.05	1.55	12
37720017+	37720015	3.17	2 3-	1/0 ACSR 6/1	1659	1584	1457	323	283	6	3	0.00	1.55	0
37720116+	37720017	3.37	2 3-	1/0 ACSR 6/1	1617	1540	1410	321	283	6	3	0.01	1.56	3
37720230+	37720116	3.37	2 3-	Consumer	1617	1540	1410	321	283	6	0	0.00	1.56	0
37720117+	37720116	3.40	0 3-	1/0 ACSR 6/1	1610	1533	1403	321	0	0	0	0.00	1.56	0
37720118+	37720117	3.49	0 3-	1/0 ACSR 6/1	1592	1513	1383	320	0	0	0	0.00	1.56	0
37720079+	37720117	3.48	0 3-	1/0 ACSR 6/1	1594	1515	1385	320	0	0	0	0.00	1.56	0
37720080+	37720079	3.56	0 3-	1/0 ACSR 6/1	1579	1499	1369	319	0	0	0	0.00	1.56	0
37720081+	37720080	3.58	0 3-	1/0 ACSR 6/1	1575	1495	1364	319	0	0	0	0.00	1.56	0
37720018+	37720017	3.31	0 3-	1/0 ACSR 6/1	1629	1552	1423	321	0	0	0	0.00	1.55	0
37720013+	37720015	3.24	65 3-	1/0 ACSR 6/1	1644	1569	1440	322	253	5	2	0.01	1.55	1
D37-72-P045+	37720013	3.24	65 3-	REC-70-E	1644	1569	1440	322	253	5	8	0.00	1.55	0
37720016+	D37-72-P045	3.42	65 3-	1/0 ACSR 6/1	1606	1528	1398	320	253	5	2	0.02	1.56	3
37720112+	37720112	3.50	65 3-	1/0 ACSR 6/1	1591	1512	1382	320	253	5	2	0.01	1.57	1
37720113+	37720112	3.58	65 3-	1/0 ACSR 6/1	1575	1495	1364	319	253	5	2	0.01	1.57	1
37720440+	37720113	3.58	2 3-	Consumer	1575	1495	1364	319	2	0	0	0.00	1.57	0
37720115+	37720113	3.59	63 3-	1/0 ACSR 6/1	1573	1493	1362	319	251	5	2	0.00	1.57	0
37720133+	37720115	3.97	63 3-	1/0 ACSR 6/1	1503	1420	1288	315	251	5	2	0.05	1.59	6
37730066+	37720133	4.00	46 1-	2 ACSR 6/1	0	0	1281	315	171	11	6	0.01	2.22	0
D37-73-P077+	37730066	4.00	45 1-	REC-35-E	0	0	1281	315	171	11	33	0.00	2.22	0
37730044+	D37-73-P077	4.03	45 1-	2 ACSR 6/1	0	0	1274	314	171	11	6	0.01	2.23	0
37730046+	37730044	4.09	43 1-	2 ACSR 6/1	0	0	1261	314	167	11	6	0.01	2.24	1
37730047+	37730046	4.14	41 1-	2 ACSR 6/1	0	0	1251	313	162	11	6	0.01	2.25	0
37730079+	37730047	4.24	38 1-	2 ACSR 6/1	0	0	1229	312	147	10	6	0.02	2.26	2
37730080+	37730079	4.40	2 1-	2 ACSR 6/1	0	0	1198	310	11	0	0	0.00	2.26	0
37730074+	37730079	4.31	32 1-	2 ACSR 6/1	0	0	1215	311	121	8	5	0.01	2.27	0
37730075+	37730074	4.41	3 1-	2 ACSR 6/1	0	0	1196	310	5	0	0	0.00	2.27	0
37730073+	37730074	4.39	28 1-	2 ACSR 6/1	0	0	1200	310	105	7	4	0.01	2.28	0
37730052+	37730073	4.42	27 1-	2 ACSR 6/1	0	0	1194	309	102	6	4	0.00	2.28	0
37730054+	37730052	4.49	2 1-	2 ACSR 6/1	0	0	1180	308	15	1	1	0.00	2.28	0
37730084+	37730054	4.53	1 1-	2 ACSR 6/1	0	0	1172	308	0	0	0	0.00	2.28	0
37730053+	37730052	4.44	1 1-	2 ACSR 6/1	0	0	1190	309	1	0	0	0.00	2.28	0
37730051+	37730052	4.56	24 1-	2 ACSR 6/1	0	0	1166	308	87	5	3	0.01	2.29	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37730049+	37730051	4.61	3 1-	2 ACSR 6/1	0	0	1158	307	7	0	0	0.00	2.29	0
37730067+	37730049	4.66	2 1-	2 ACSR 6/1	0	0	1149	306	6	0	0	0.00	2.29	0
37730050+	37730049	4.67	1 1-	2 ACSR 6/1	0	0	1147	306	1	0	0	0.00	2.29	0
37730048+	37730051	4.62	3 1-	2 ACSR 6/1	0	0	1157	307	12	0	0	0.00	2.30	0
37730068+	37730048	4.69	1 1-	2 ACSR 6/1	0	0	1143	306	6	0	0	0.00	2.30	0
37730069+	37730048	4.67	2 1-	2 ACSR 6/1	0	0	1147	306	6	0	0	0.00	2.30	0
37730070+	37730051	4.61	17 1-	2 ACSR 6/1	0	0	1159	307	60	4	2	0.00	2.30	0
37730071+	37730070	4.66	16 1-	2 ACSR 6/1	0	0	1149	306	55	3	2	0.00	2.30	0
37730072+	37730071	4.85	15 1-	2 ACSR 6/1	0	0	1116	304	51	3	2	0.01	2.31	0
37730055+	37730072	4.89	14 1-	2 ACSR 6/1	0	0	1108	303	50	3	2	0.00	2.31	0
37730057+	37730055	4.95	12 1-	2 ACSR 6/1	0	0	1099	303	37	2	1	0.00	2.31	0
37730058+	37730057	5.02	9 1-	2 ACSR 6/1	0	0	1087	302	34	2	1	0.00	2.32	0
37730085+	37730058	5.05	6 1-	2 ACSR 6/1	0	0	1083	302	19	1	1	0.00	2.32	0
37730082+	37730085	5.09	5 1-	2 ACSR 6/1	0	0	1075	301	17	1	1	0.00	2.32	0
37730083+	37730082	6.34	4 1-	2 ACSR 6/1	0	0	905	286	17	1	1	0.02	2.34	0
37640026+	37730083	6.39	3 1-	2 ACSR 6/1	0	0	900	286	16	1	1	0.00	2.34	0
37730056+	37730055	4.95	1 1-	2 ACSR 6/1	0	0	1099	303	6	0	0	0.00	2.31	0
37730077+	37730047	4.20	3 1-	2 ACSR 6/1	0	0	1237	312	15	1	1	0.00	2.25	0
37730078+	37730077	4.23	2 1-	2 ACSR 6/1	0	0	1231	312	14	0	1	0.00	2.25	0
37730045+	37730044	4.08	2 1-	2 ACSR 6/1	0	0	1263	314	4	0	0	0.00	2.23	0
37730061+	37720133	4.01	16 3-	2 ACSR 6/1	1494	1410	1278	315	79	1	1	0.00	1.59	0
37730063+	37730061	4.05	13 3-	2 ACSR 6/1	1486	1401	1270	314	69	1	1	0.00	1.59	0
37730081+	37730063	4.23	11 3-	2 ACSR 6/1	1448	1362	1231	312	66	1	1	0.00	1.59	0
37830008+	37730081	4.28	9 3-	2 ACSR 6/1	1438	1351	1221	311	48	1	1	0.00	1.59	0
37830009+	37830008	4.40	8 3-	2 ACSR 6/1	1416	1328	1198	310	47	1	1	0.00	1.60	0
37830002+	37830009	4.56	8 1-	2 ACSR 6/1	0	0	1167	308	47	3	2	0.01	1.19	0
37820004+	37830002	4.62	1 1-	2 ACSR 6/1	0	0	1155	307	5	0	0	0.00	1.19	0
37820005+	37830002	4.65	7 1-	2 ACSR 6/1	0	0	1151	307	42	2	2	0.00	1.19	0
37820006+	37820005	4.96	6 1-	2 ACSR 6/1	0	0	1097	303	39	2	1	0.01	1.21	0
37830010+	37820006	4.99	4 1-	2 ACSR 6/1	0	0	1091	302	29	1	1	0.00	1.21	0
37830007+	37830010	5.51	3 1-	2 ACSR 6/1	0	0	1013	296	20	1	1	0.01	1.21	0
37930002+	37830007	5.63	1 1-	2 ACSR 6/1	0	0	995	295	9	0	0	0.00	1.21	0
37730062+	37730061	4.07	2 1-	2 ACSR 6/1	0	0	1264	314	7	0	0	0.00	1.39	0
37730065+	37730062	4.14	1 1-	2 ACSR 6/1	0	0	1251	313	1	0	0	0.00	1.39	0
37730064+	37730062	4.11	1 1-	2 ACSR 6/1	0	0	1256	313	6	0	0	0.00	1.39	0
37720114+	37720113	3.60	0 1-	2 ACSR 6/1	0	0	1360	319	0	0	0	0.00	2.17	0
37720096+	37720091	2.85	2 1-	2 ACSR 6/1	0	0	1535	326	10	0	0	0.00	1.36	0
37720090+	37720089	2.77	1 1-	2 ACSR 6/1	0	0	1556	327	6	0	0	0.00	2.02	0
37720083+	37720135	2.54	4 1-	2 ACSR 6/1	0	0	1621	329	27	1	1	0.00	1.95	0
37720084+	37720083	2.61	2 1-	2 ACSR 6/1	0	0	1597	328	10	0	0	0.00	1.95	0
37720082+	37720135	2.54	3 1-	2 ACSR 6/1	0	0	1621	329	13	0	0	0.00	1.32	0
36790209+	36790208	2.38	5 3-	1/0 ACSR 6/1	1842	1783	1668	330	29	0	0	0.00	1.44	0
36790210+	36790209	2.43	4 3-	1/0 ACSR 6/1	1831	1771	1655	330	17	0	0	0.00	1.44	0
37720136+	36790210	2.47	1 3-	1/0 ACSR 6/1	1819	1757	1640	330	0	0	0	0.00	1.44	0
36790263+	37720136	2.65	1 3-	1/0 ACSR 6/1	1776	1710	1590	328	0	0	0	0.00	1.44	0
37720014+	36790210	2.51	3 1-	2 ACSR 6/1	0	0	1627	329	17	1	1	0.00	1.12	0
37720131+	37720014	2.56	2 1-	2 ACSR 6/1	0	0	1611	328	8	0	0	0.00	1.12	0
37720130+	37720014	2.55	1 1-	2 ACSR 6/1	0	0	1613	328	9	0	0	0.00	1.12	0
36790227+	36790226	2.17	1 1-	2 ACSR 6/1	0	0	1729	332	2	0	0	0.00	1.75	0
36790228+	36790227	2.21	0 1-	2 ACSR 6/1	0	0	1715	332	0	0	0	0.00	1.75	0
36790225+	36790271	2.08	7 1-	2 ACSR 6/1	0	0	1759	333	26	1	1	0.00	1.70	0
36790230+	36790225	2.14	1 1-	2 ACSR 6/1	0	0	1736	332	8	0	0	0.00	1.70	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
36790224+	36790271	2.03	2 1-	2 ACSR 6/1	0	0	1777	334	9	0	0	0.00	1.70	0
36790024+	36790160	1.79	1 1-	2 ACSR 6/1	0	0	1865	336	0	0	0	0.00	0.97	0
D36-79-P033+	36790024	1.79	1 1-	REC-50-E	0	0	1865	336	0	0	0	0.00	0.97	0
36790161+	D36-79-P033	1.93	1 1-	2 ACSR 6/1	0	0	1803	334	0	0	0	0.00	0.97	0
36790162+	36790161	2.22	1 1-	2 ACSR 6/1	0	0	1692	330	0	0	0	0.00	0.97	0
36790163+	36790162	2.28	0 1-	2 ACSR 6/1	0	0	1670	329	0	0	0	0.00	0.97	0
36790150+	36790231	1.61	4 1-	2 ACSR 6/1	0	0	1939	338	53	3	2	0.00	0.90	0
36790152+	36790150	1.64	1 1-	2 ACSR 6/1	0	0	1923	338	3	0	0	0.00	0.90	0
36790151+	36790150	1.62	1 1-	2 ACSR 6/1	0	0	1930	338	41	2	2	0.00	0.90	0
36790245+	36790246	1.44	0 1-	2 ACSR 6/1	0	0	2008	340	0	0	0	0.00	1.36	0
36790218+	36780004	1.12	1 3-	1/0 ACSR 6/1	2219	2209	2158	343	16	0	0	0.00	0.76	0
D36-79-P282+	36790218	1.12	0 1-	FUS	0	0	2158	343	0	0	0	0.00	1.05	0
36790267+	D36-79-P282	1.17	0 1-	2 ACSR 6/1	0	0	2131	343	0	0	0	0.00	1.05	0
36880036+	36880037	0.43	1 1-	2 ACSR 6/1	0	0	2536	350	0	0	0	0.00	0.21	0
36880017+	36880011	0.02	0 3-	1/0 ACSR 6/1	2648	2703	2824	355	0	0	0	0.00	0.01	0
36-88-P027-A+	36880017	0.82	0 3-	Open	2648	2703	2824	355	0	0	0	0.00	0.01	0
CKT 1 total losses:	\$7,567													

SUB	51, CKT 2													
BK5102+	BLED5OE(51)	0.00	174 3-	BK5102	2659	2715	2843	355	3026	66	33	0.00	0.00	0
36880015+	BK5102	0.01	174 3-	1/0 ACSR 6/1	2653	2708	2832	355	3026	66	29	0.01	0.01	19
36880016+	36880015	0.18	174 3-	1/0 ACSR 6/1	2581	2627	2711	353	3026	66	29	0.09	0.09	219
36880041+	36880016	0.36	170 3-	1/0 ACSR 6/1	2505	2541	2588	351	3000	66	29	0.09	0.18	237
36880042+	36880041	0.43	166 3-	1/0 ACSR 6/1	2475	2506	2540	351	2979	65	29	0.04	0.22	94
36880043+	36880042	0.52	165 3-	1/0 ACSR 6/1	2442	2468	2488	350	2976	65	29	0.04	0.26	108
36880044+	36880043	0.57	163 3-	1/0 ACSR 6/1	2422	2445	2457	349	2966	65	29	0.02	0.29	64
36870006+	36880044	0.63	162 3-	1/0 ACSR 6/1	2396	2414	2417	348	2960	65	28	0.03	0.32	86
36870025+	36870006	0.67	158 3-	1/0 ACSR 6/1	2380	2396	2394	348	2941	65	28	0.02	0.34	51
36870026+	36870025	0.75	157 3-	1/0 ACSR 6/1	2351	2362	2349	347	2927	64	28	0.04	0.38	97
36870012+	36870026	0.80	155 3-	1/0 ACSR 6/1	2333	2341	2322	347	2911	64	28	0.02	0.40	59
36870015+	36870012	0.91	151 3-	1/0 ACSR 6/1	2291	2292	2261	345	2892	64	28	0.05	0.46	138
CAP158+	36870015	0.91	150 3-	Capacitor	0	0	0	0	2870	63	0	0.00	0.46	0
36870017+	CAP158	1.00	4 3-	1/0 ACSR 6/1	2259	2256	2215	345	633	14	6	0.01	0.47	5
36870310+	36870017	1.00	2 3-	Consumer	2259	2256	2215	345	619	14	0	0.00	0.47	0
36870029+	36870017	1.04	0 3-	1/0 ACSR 6/1	2245	2239	2195	344	0	0	0	0.00	0.47	0
36870016+	CAP158	1.11	146 3-	1/0 ACSR 6/1	2222	2212	2162	343	2237	49	22	0.07	0.54	149
36870019+	36870016	1.31	144 3-	1/0 ACSR 6/1	2154	2134	2068	341	1191	26	11	0.03	0.58	50
36870020+	36870019	1.40	142 3-	1/0 ACSR 6/1	2126	2102	2029	340	1178	26	11	0.01	0.60	21
20852069+	36870020	1.60	134 3-	1/0 ACSR 6/1	2062	2029	1944	338	1138	25	11	0.04	0.63	48
20852070+	20852069	1.70	133 3-	1/0 ACSR 6/1	2031	1994	1904	337	1133	25	11	0.02	0.65	23
20852071+	20852070	1.76	130 3-	1/0 ACSR 6/1	2014	1975	1882	337	1120	24	11	0.01	0.66	13
20852072+	20852071	1.83	129 3-	1/0 ACSR 6/1	1994	1952	1856	336	1118	24	11	0.01	0.68	16
36860006+	20852072	1.89	127 3-	1/0 ACSR 6/1	1975	1931	1833	335	1110	24	11	0.01	0.69	14
20852067+	36860006	1.95	1 1-	2 ACSR 6/1	0	0	1807	335	2	0	0	0.00	0.36	0
36860005+	36860006	1.95	125 3-	1/0 ACSR 6/1	1959	1912	1811	335	1103	24	11	0.01	0.70	13
36860007+	36860005	2.00	124 3-	1/0 ACSR 6/1	1945	1897	1794	334	1097	24	11	0.01	0.71	11
D36-86-P002+	36860007	2.00	124 3-	REC-70-E	1945	1897	1794	334	1097	24	35	0.00	0.71	0
20851844+	D36-86-P002	2.03	124 3-	1/0 ACSR 6/1	1935	1887	1782	334	1097	24	11	0.01	0.71	7
20852087+	20851844	2.17	121 3-	1/0 ACSR 6/1	1898	1845	1736	333	1082	24	10	0.02	0.74	29
36860010+	20852087	3.18	5 1-	2 ACSR 6/1	0	0	1411	319	16	1	1	0.02	0.71	0
36860011+	36860010	3.27	4 1-	2 ACSR 6/1	0	0	1389	317	15	1	1	0.00	0.71	0
36760011+	36860011	3.34	0 1-	2 ACSR 6/1	0	0	1370	316	0	0	0	0.00	0.71	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
36760007+	36860011	3.38	3 1-	2 ACSR 6/1	0	0	1361	316	11	0	0	0.00	0.72	0
36760008+	36760007	3.44	2 1-	2 ACSR 6/1	0	0	1345	315	8	0	0	0.00	0.72	0
36760010+	36760008	3.57	0 1-	2 ACSR 6/1	0	0	1315	314	0	0	0	0.00	0.72	0
36760009+	36760008	3.51	1 1-	2 ACSR 6/1	0	0	1328	314	4	0	0	0.00	0.72	0
36760006+	36860011	3.39	1 1-	2 ACSR 6/1	0	0	1358	316	5	0	0	0.00	0.71	0
20852066+	20852087	2.20	0 1-	2 ACSR 6/1	0	0	1723	332	0	0	0	0.00	0.70	0
20851845+	20852087	2.25	114 3-	1/0 ACSR 6/1	1876	1821	1710	332	1061	23	10	0.01	0.75	16
20851846+	20851845	2.34	113 3-	1/0 ACSR 6/1	1853	1795	1681	331	1055	23	10	0.01	0.77	19
36860004+	20851846	2.42	4 1-	2 ACSR 6/1	0	0	1653	330	19	1	1	0.00	0.37	0
D36-96-P017+	36860004	2.42	4 1-	REC-25-E	0	0	1653	330	19	1	5	0.00	0.37	0
20850538+	D36-96-P017	2.46	4 1-	2 ACSR 6/1	0	0	1638	329	19	1	1	0.00	0.37	0
20850539+	20850538	2.55	4 1-	2 ACSR 6/1	0	0	1609	328	19	1	1	0.00	0.37	0
20850626+	20850539	2.67	3 1-	2 ACSR 6/1	0	0	1569	326	15	1	1	0.00	0.37	0
20850625+	20850539	2.65	0 1-	2 ACSR 6/1	0	0	1574	326	0	0	0	0.00	0.37	0
20852083+	20851846	2.42	109 3-	1/0 ACSR 6/1	1831	1772	1656	330	1036	23	10	0.01	0.78	16
20852085+	20852083	2.51	108 3-	1/0 ACSR 6/1	1810	1747	1630	329	1029	22	10	0.01	0.80	17
20852086+	20852085	2.58	107 3-	1/0 ACSR 6/1	1793	1729	1610	329	1021	22	10	0.01	0.81	13
20850664+	20852086	2.76	106 3-	1/0 ACSR 6/1	1750	1682	1560	327	1017	22	10	0.03	0.84	35
20850665+	20850664	2.84	105 3-	1/0 ACSR 6/1	1732	1663	1539	326	1013	22	10	0.01	0.85	15
20850666+	20850665	3.49	104 3-	1/0 ACSR 6/1	1594	1515	1384	320	1006	22	10	0.10	0.96	120
20850561+	20850666	3.55	103 3-	1/0 ACSR 6/1	1581	1502	1371	319	1000	22	10	0.01	0.97	11
20850562+	20850561	3.72	101 3-	1/0 ACSR 6/1	1548	1467	1336	318	996	22	10	0.03	1.00	31
36950003+	20850562	3.97	101 3-	1/0 ACSR 6/1	1503	1419	1287	315	995	22	10	0.04	1.04	45
41050010+	36950003	4.08	99 3-	1/0 ACSR 6/1	1483	1399	1267	314	981	21	10	0.02	1.06	20
41050008+	41050010	4.17	98 3-	1/0 ACSR 6/1	1468	1383	1251	313	978	21	9	0.01	1.07	16
41050009+	41050008	4.21	97 3-	1/0 ACSR 6/1	1461	1376	1243	313	972	21	9	0.01	1.08	7
41050001+	41050009	4.30	96 3-	1/0 ACSR 6/1	1446	1360	1228	312	967	21	9	0.01	1.09	15
41040016+	41050001	4.39	95 3-	1/0 ACSR 6/1	1430	1344	1212	311	961	21	9	0.01	1.11	16
41040010+	41040016	4.46	94 3-	1/0 ACSR 6/1	1420	1333	1201	311	959	21	9	0.01	1.12	11
41040011+	41040010	4.54	92 3-	1/0 ACSR 6/1	1408	1321	1189	310	950	21	9	0.01	1.13	12
41040013+	41040011	4.63	1 1-	2 ACSR 6/1	0	0	1170	309	3	0	0	0.00	0.38	0
41040014+	41040011	4.59	89 3-	1/0 ACSR 6/1	1400	1312	1180	310	931	20	9	0.01	1.14	8
41040015+	41040014	4.66	88 3-	1/0 ACSR 6/1	1389	1301	1169	309	931	20	9	0.01	1.15	11
41040210+	41040015	4.66	2 3-	Consumer	1389	1301	1169	309	912	11	0	0.00	1.15	0
41040017+	41040015	4.73	86 3-	1/0 ACSR 6/1	1378	1290	1158	308	419	10	5	0.00	1.15	5
41040009+	41040017	4.77	85 3-	1/0 ACSR 6/1	1371	1283	1151	308	414	10	5	0.00	1.15	3
41140014+	41040009	4.85	85 3-	1/0 ACSR 6/1	1361	1272	1141	307	414	10	5	0.00	1.16	4
41140015+	41140014	4.93	85 3-	1/0 ACSR 6/1	1348	1260	1128	306	414	10	5	0.00	1.16	5
41140016+	41140015	4.96	84 3-	1/0 ACSR 6/1	1343	1255	1124	306	408	10	4	0.00	1.16	2
41140017+	41140016	5.03	83 3-	1/0 ACSR 6/1	1334	1246	1115	306	408	10	4	0.00	1.17	4
41140019+	41140017	5.11	81 3-	1/0 ACSR 6/1	1322	1233	1102	305	395	10	4	0.00	1.17	5
41140021+	41140019	5.20	80 3-	1/0 ACSR 6/1	1310	1221	1091	304	391	10	4	0.00	1.17	5
41140022+	41140021	5.26	79 3-	1/0 ACSR 6/1	1302	1212	1082	304	382	9	4	0.00	1.18	4
41140023+	41140022	5.28	79 3-	1/0 ACSR 6/1	1300	1210	1080	303	382	9	4	0.00	1.18	0
41140020+	41140023	5.30	78 3-	1/0 ACSR 6/1	1296	1207	1077	303	359	9	4	0.00	1.18	1
C41-14-P4+	41140020	5.30	0 3-	Capacitor	1296	1207	1077	303	0	-3	0	0.00	1.18	0
41140024+	41140020	5.45	78 3-	1/0 ACSR 6/1	1276	1187	1058	302	359	8	4	0.01	1.19	8
41140025+	41140024	5.58	77 3-	1/0 ACSR 6/1	1259	1170	1041	301	357	8	4	0.01	1.20	7
41140026+	41140025	5.65	75 3-	1/0 ACSR 6/1	1251	1161	1033	300	350	7	3	0.00	1.20	3
41130047+	41140026	5.74	64 3-	2 ACSR 6/1	1237	1147	1019	299	301	6	4	0.00	1.21	7
41130036+	41130047	5.77	1 1-	2 ACSR 6/1	0	0	1014	299	0	0	0	0.00	2.21	0
41130037+	41130036	5.83	0 1-	2 ACSR 6/1	0	0	1007	298	0	0	0	0.00	2.21	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
41130008+	41130047	5.77	63 1-	2 ACSR 6/1	0	0	1015	299	301	20	11	0.01	2.22	2
D41-13-P027+	41130008	5.77	63 1-	REC-25-E	0	0	1015	299	301	20	82	0.00	2.22	0
41130009+	D41-13-P027	5.82	63 1-	2 ACSR 6/1	0	0	1008	298	301	20	11	0.01	2.23	3
41130038+	41130009	5.88	1 1-	2 ACSR 6/1	0	0	1000	297	6	0	0	0.00	2.23	0
41130006+	41130009	5.88	62 1-	2 ACSR 6/1	0	0	1000	297	295	20	11	0.02	2.25	4
41130042+	41130006	6.08	60 1-	2 ACSR 6/1	0	0	972	295	288	19	11	0.06	2.31	13
41130043+	41130042	6.15	58 1-	2 ACSR 6/1	0	0	963	294	276	18	10	0.02	2.33	4
41130044+	41130043	6.20	2 1-	2 ACSR 6/1	0	0	957	294	12	0	0	0.00	2.33	0
41130007+	41130043	6.20	56 1-	2 ACSR 6/1	0	0	958	294	264	17	10	0.01	2.34	3
41130049+	41130007	6.31	52 1-	2 ACSR 6/1	0	0	944	292	253	17	10	0.03	2.37	6
41130051+	41130049	6.42	49 1-	2 ACSR 6/1	0	0	930	291	228	15	9	0.03	2.39	4
41130052+	41130051	6.45	48 1-	2 ACSR 6/1	0	0	927	291	223	15	8	0.01	2.40	1
41130045+	41130052	6.48	5 1-	2 ACSR 6/1	0	0	923	290	5	0	0	0.00	2.40	0
41130053+	41130052	6.70	41 1-	2 ACSR 6/1	0	0	897	288	207	14	8	0.05	2.45	9
41230028+	41130053	6.79	1 1-	2 ACSR 6/1	0	0	888	287	7	0	0	0.00	2.45	0
41230030+	41130053	6.74	36 1-	2 ACSR 6/1	0	0	893	287	171	11	6	0.01	2.46	0
41230031+	41230030	6.80	36 1-	2 ACSR 6/1	0	0	886	287	171	11	6	0.01	2.47	1
41230036+	41230031	6.85	2 1-	2 ACSR 6/1	0	0	881	286	14	0	1	0.00	2.47	0
41230039+	41230036	6.89	1 1-	2 ACSR 6/1	0	0	877	286	7	0	0	0.00	2.47	0
41230032+	41230031	6.83	3 1-	2 ACSR 6/1	0	0	883	286	3	0	0	0.00	2.47	0
41230033+	41230032	6.85	1 1-	2 ACSR 6/1	0	0	881	286	2	0	0	0.00	2.47	0
41230034+	41230033	6.91	1 1-	2 ACSR 6/1	0	0	875	286	2	0	0	0.00	2.47	0
41230005+	41230033	7.00	0 1-	2 ACSR 6/1	0	0	865	284	0	0	0	0.00	2.47	0
41130010+	41230005	7.03	0 1-	2 ACSR 6/1	0	0	861	284	0	0	0	0.00	2.47	0
41230040+	41230031	6.86	27 1-	2 ACSR 6/1	0	0	880	286	134	9	5	0.01	2.48	0
41230041+	41230040	6.89	23 1-	2 ACSR 6/1	0	0	876	286	118	8	4	0.00	2.48	0
41230035+	41230041	6.96	4 1-	2 ACSR 6/1	0	0	869	285	16	1	1	0.00	2.48	0
41230037+	41230041	6.98	19 1-	2 ACSR 6/1	0	0	867	285	101	6	4	0.01	2.49	0
41230038+	41230037	7.02	14 1-	2 ACSR 6/1	0	0	863	284	74	5	3	0.00	2.49	0
41230011+	41230038	7.16	10 1-	2 ACSR 6/1	0	0	848	283	46	3	2	0.01	2.50	0
41230010+	41230011	7.23	7 1-	2 ACSR 6/1	0	0	842	282	36	2	1	0.00	2.50	0
41220008+	41230010	7.26	1 1-	2 ACSR 6/1	0	0	839	282	7	0	0	0.00	2.50	0
41220009+	41220008	7.29	1 1-	2 ACSR 6/1	0	0	835	281	7	0	0	0.00	2.50	0
41220007+	41230010	7.28	5 1-	2 ACSR 6/1	0	0	836	281	28	1	1	0.00	2.50	0
41220010+	41220007	7.32	4 1-	2 ACSR 6/1	0	0	832	281	19	1	1	0.00	2.50	0
41220011+	41220007	7.35	1 1-	2 ACSR 6/1	0	0	830	281	9	0	0	0.00	2.50	0
41230006+	41220011	7.35	1 1-	2 ACSR 6/1	0	0	830	281	9	0	0	0.00	2.50	0
41230009+	41230011	7.18	2 1-	2 ACSR 6/1	0	0	846	283	7	0	0	0.00	2.50	0
41220001+	41230009	7.20	0 1-	2 ACSR 6/1	0	0	844	282	0	0	0	0.00	2.50	0
41230008+	41230038	7.05	4 1-	2 ACSR 6/1	0	0	860	284	28	1	1	0.00	2.49	0
41230007+	41230037	7.00	1 1-	2 ACSR 6/1	0	0	865	284	4	0	0	0.00	2.49	0
41230029+	41130053	6.73	3 1-	2 ACSR 6/1	0	0	894	287	20	1	1	0.00	2.45	0
41230027+	41230029	6.76	2 1-	2 ACSR 6/1	0	0	891	287	16	1	1	0.00	2.45	0
41130050+	41130049	6.35	2 1-	2 ACSR 6/1	0	0	939	292	8	0	0	0.00	2.37	0
41130054+	41130007	6.29	4 1-	2 ACSR 6/1	0	0	946	293	12	0	0	0.00	2.34	0
41130055+	41130054	6.33	1 1-	2 ACSR 6/1	0	0	941	292	4	0	0	0.00	2.34	0
41130048+	41130054	6.34	2 1-	2 ACSR 6/1	0	0	940	292	6	0	0	0.00	2.34	0
41130039+	41130006	5.92	2 1-	2 ACSR 6/1	0	0	995	297	6	0	0	0.00	2.25	0
41130040+	41130039	5.95	2 1-	2 ACSR 6/1	0	0	991	297	6	0	0	0.00	2.25	0
41130041+	41130040	5.97	2 1-	2 ACSR 6/1	0	0	988	296	6	0	0	0.00	2.25	0
41130046+	41140026	5.68	1 1-	2 ACSR 6/1	0	0	1027	300	2	0	0	0.00	2.18	0
41130034+	41140026	5.77	9 1-	2 ACSR 6/1	0	0	1015	299	40	2	2	0.00	1.15	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS	CONSTR-N	CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 53	HINKLE(53)	1375			5101	5199	5367	190	8295						
SUB 53,	CKT 1														
	BK5301	HINKLE(53)	0.00	319 3-	BK5301	5101	5199	5367	190	1367	57 30	0.00	0.00	0.00	0
	11920019	BK5301	0.03	319 3-	336 ACSR 18/1	5178	5263	5393	190	1367	57 11	0.00	0.01	0.01	12
	11920020	11920019	0.14	318 3-	336 ACSR 18/1	4950	4988	5003	190	1366	56 11	-0.01	0.04	0.37	31
	11820088	11920020	0.26	316 3-	336 ACSR 18/1	4717	4712	4628	190	1359	56 11	-0.01	0.07	0.41	47
	11820089	11820088	0.29	316 3-	336 ACSR 18/1	4666	4653	4549	190	1359	56 11	0.00	0.08	0.08	9
	11820087	11820089	0.31	15 1-	2 ACSR 6/1	0	0	4461	189	65	8 5	0.00	0.12	0.00	0
	D11-82-P057	11820087	0.31	13 1-	FUS	0	0	4461	189	53	6 153	0.00	0.12	0.00	0
	11820078	D11-82-P057	0.35	13 1-	2 ACSR 6/1	0	0	4321	189	53	6 4	0.01	0.12	0.00	0
	11820079	11820078	0.39	13 1-	2 ACSR 6/1	0	0	4191	189	53	6 4	0.01	0.13	0.00	0
	11820080	11820079	0.42	12 1-	2 ACSR 6/1	0	0	4077	189	50	6 4	0.01	0.14	0.00	0
	11820081	11820080	0.46	10 1-	2 ACSR 6/1	0	0	3940	188	39	4 3	0.01	0.14	0.00	0
	11820072	11820081	0.58	8 1-	2 ACSR 6/1	0	0	3546	187	32	4 2	0.01	0.15	0.00	0
	11920025	11820072	0.63	2 1-	2 ACSR 6/1	0	0	3422	187	11	1 1	0.00	0.15	0.00	0
	11920026	11920025	0.66	1 1-	2 ACSR 6/1	0	0	3331	187	1	0 0	0.00	0.15	0.00	0
	11820082	11820089	0.54	301 3-	336 ACSR 18/1	4258	4183	3948	189	1294	53 10	-0.01	0.14	0.72	72
	11820084	11820082	0.57	300 3-	336 ACSR 18/1	4215	4134	3888	189	1288	53 10	0.00	0.14	0.08	8
	11820096	11820084	0.60	298 3-	336 ACSR 18/1	4166	4079	3821	189	1287	53 10	0.00	0.15	0.10	10
	D11-82-P030	11820096	0.60	3 1-	FUS	0	0	3821	189	11	1 30	0.00	0.21	0.00	0
	11820139	D11-82-P030	0.67	3 1-	2 ACSR 6/1	0	0	3620	188	11	1 1	0.00	0.21	0.00	0
	11820130	11820139	0.72	2 1-	2 ACSR 6/1	0	0	3484	188	4	0 0	0.00	0.21	0.00	0
	11820123	11820130	0.79	1 1-	2 ACSR 6/1	0	0	3307	187	2	0 0	0.00	0.21	0.00	0
	11820098	11820096	0.64	291 3-	336 ACSR 18/1	4104	4010	3737	189	1270	53 10	0.00	0.16	0.12	17
	11820094	11820098	0.70	290 3-	336 ACSR 18/1	4019	3915	3624	189	1260	52 10	0.00	0.18	0.17	12
	11820102	11820094	0.81	284 3-	336 ACSR 18/1	3876	3757	3437	188	1236	51 10	0.00	0.20	0.29	29
	11820103	11820102	0.85	5 1-	2 ACSR 6/1	0	0	3349	188	14	1 1	0.00	0.28	0.00	0
	11820104	11820103	0.94	3 1-	2 ACSR 6/1	0	0	3146	187	6	0 0	0.00	0.28	0.00	0
	D11-82-P017	11820104	0.94	1 1-	FUS	0	0	3146	187	4	0 13	0.00	0.28	0.00	0
	11820105	D11-82-P017	0.96	1 1-	2 ACSR 6/1	0	0	3103	187	4	0 0	0.00	0.28	0.00	0
	D11-82-P017A	11820104	0.94	1 1-	FUS	0	0	3146	187	0	0 1	0.00	0.28	0.00	0
	11820049	D11-82-P017A	1.35	1 1-	2 ACSR 6/1	0	0	2424	184	0	0 0	0.00	0.28	0.00	0
	11820107	11820049	1.42	1 1-	2 ACSR 6/1	0	0	2325	184	0	0 0	0.00	0.28	0.00	0
	11820077	11820107	1.57	0 1-	2 ACSR 6/1	0	0	2134	183	0	0 0	0.00	0.28	0.00	0
	11820106	11820049	1.50	0 1-	2 ACSR 6/1	0	0	2225	183	0	0 0	0.00	0.28	0.00	0
	11820110	11820102	0.85	278 3-	336 ACSR 18/1	3829	3707	3378	188	1218	50 10	0.00	0.21	0.00	9
	11820111	11820110	0.90	275 3-	336 ACSR 18/1	3770	3642	3304	188	1207	50 10	0.00	0.22	0.12	12
	11820062	11820111	0.92	4 1-	2 ACSR 6/1	0	0	3243	188	18	2 1	0.00	0.30	0.00	0
	11820063	11820062	0.98	2 1-	2 ACSR 6/1	0	0	3118	188	9	1 1	0.00	0.30	0.00	0
	11820061	11820111	1.01	271 3-	336 ACSR 18/1	3641	3503	3145	188	1188	49 9	0.00	0.24	0.26	26
	11820056	11820061	1.05	260 3-	336 ACSR 18/1	3590	3448	3083	188	1130	47 9	0.00	0.25	0.10	10
	11820057	11820056	1.09	252 3-	336 ACSR 18/1	3555	3411	3042	188	1092	45 9	0.00	0.26	0.06	6
	11820058	11820057	1.23	250 3-	336 ACSR 18/1	3406	3253	2867	188	1088	45 9	0.01	0.29	0.28	28
	11720077	11820058	1.28	8 1-	2 ACSR 6/1	0	0	2787	187	38	4 3	0.01	0.38	0.00	0
	11720078	11720077	1.35	5 1-	2 ACSR 6/1	0	0	2661	187	23	2 2	0.00	0.39	0.00	0
	11720088	11720078	1.40	2 1-	2 ACSR 6/1	0	0	2596	186	11	1 1	0.00	0.39	0.00	0
	11720070	11820058	1.33	240 3-	336 ACSR 18/1	3310	3152	2758	187	1045	43 8	0.01	0.31	0.18	18
	D11-72-P026	11720070	1.33	18 1-	FUS	0	0	2758	187	83	10 238	0.00	0.53	0.00	0
	11720074	D11-72-P026	1.40	18 1-	2 ACSR 6/1	0	0	2655	187	83	10 6	0.02	0.55	0.00	1
	11720089	11720074	1.49	4 1-	2 ACSR 6/1	0	0	2515	186	17	2 1	0.00	0.55	0.00	0
	11720090	11720089	1.53	1 1-	2 ACSR 6/1	0	0	2457	186	7	0 1	0.00	0.55	0.00	0
	11720073	11720074	1.48	13 1-	2 ACSR 6/1	0	0	2530	186	61	7 4	0.02	0.57	0.00	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11720083	11720073	1.58	11 1-	2 ACSR 6/1	0	0	2388	185	53	6	4	0.02	0.59	0
11720082	11720083	1.63	10 1-	2 ACSR 6/1	0	0	2326	185	52	6	4	0.01	0.59	0
11720085	11720082	1.70	3 1-	2 ACSR 6/1	0	0	2243	184	15	1	1	0.00	0.60	0
11720086	11720085	1.77	2 1-	2 ACSR 6/1	0	0	2160	184	8	1	1	0.00	0.60	0
11720087	11720086	1.82	1 1-	2 ACSR 6/1	0	0	2108	184	4	0	0	0.00	0.60	0
11720081	11720082	1.69	5 1-	2 ACSR 6/1	0	0	2251	184	32	4	2	0.01	0.60	0
11720115	11720081	1.78	3 1-	2 ACSR 6/1	0	0	2147	184	17	2	1	0.00	0.60	0
11720114	11720115	1.82	2 1-	2 ACSR 6/1	0	0	2107	183	9	1	1	0.00	0.60	0
11720080	11720082	1.68	0 1-	2 ACSR 6/1	0	0	2264	185	0	0	0	0.00	0.59	0
11720112	11720073	1.53	1 1-	2 ACSR 6/1	0	0	2455	186	7	0	0	0.00	0.57	0
11720069	11720070	1.39	221 3-	336 ACSR 18/1	3251	3090	2692	187	959	40	8	0.00	0.32	10
11720060	11720069	1.45	219 3-	336 ACSR 18/1	3205	3042	2641	187	949	39	7	0.00	0.33	7
11720061	11720060	1.53	216 3-	336 ACSR 18/1	3131	2965	2559	187	921	38	7	0.00	0.34	12
11720065	11720061	1.58	210 3-	336 ACSR 18/1	3090	2923	2515	187	904	37	7	0.00	0.35	7
11720091	11720065	1.62	209 3-	336 ACSR 18/1	3059	2892	2483	187	901	37	7	0.00	0.35	5
11720092	11720091	1.77	208 3-	336 ACSR 18/1	2939	2769	2356	186	901	37	7	0.01	0.38	21
11720104	11720092	1.92	206 3-	336 ACSR 18/1	2833	2661	2247	186	890	37	7	0.01	0.40	19
11720105	11720104	2.10	205 3-	336 ACSR 18/1	2717	2543	2130	186	889	37	7	0.01	0.42	23
11-72-P001-B	11720105	2.10	205 3-	Closed	2717	2543	2130	186	889	37	0	0.00	0.42	0
11-72-P001-A	11-72-P001-B	2.10	205 3-	Closed	2717	2543	2130	186	889	37	0	0.00	0.42	0
11720058	11-72-P001-A	2.22	205 3-	336 ACSR 18/1	2644	2470	2058	185	889	37	7	0.00	0.44	15
11620053	11720058	2.26	194 3-	336 ACSR 18/1	2615	2442	2030	185	834	34	7	0.00	0.45	5
11620055	11620053	2.29	190 3-	336 ACSR 18/1	2602	2429	2017	185	821	34	6	0.00	0.45	2
11620068	11620055	2.34	188 3-	336 ACSR 18/1	2570	2397	1986	185	814	34	6	0.00	0.46	6
11620070	11620068	2.38	186 3-	336 ACSR 18/1	2548	2375	1965	185	812	34	6	0.00	0.46	4
11620071	11620070	2.44	185 3-	336 ACSR 18/1	2514	2341	1932	185	809	33	6	0.00	0.47	7
11620074	11620071	2.56	1 1-	2 ACSR 6/1	0	0	1838	184	5	0	0	0.00	0.70	0
11620022	11620071	2.51	184 3-	336 ACSR 18/1	2476	2303	1896	185	804	33	6	0.00	0.48	8
11620088	11620022	2.56	184 3-	1/0 ACSR 6/1	2437	2265	1862	184	804	33	15	0.02	0.50	16
CAP129	11620088	2.56	182 3-	Capacitor	0	0	0	0	797	33	0	0.00	0.50	0
11620089	CAP129	2.58	182 3-	1/0 ACSR 6/1	2424	2251	1850	184	797	33	15	0.01	0.51	6
11620103	11620089	2.64	179 3-	1/0 ACSR 6/1	2376	2203	1810	184	789	33	14	0.03	0.54	20
11620104	11620103	2.79	177 3-	1/0 ACSR 6/1	2269	2096	1719	183	784	33	14	0.07	0.62	49
11620058	11620104	2.84	175 3-	1/0 ACSR 6/1	2236	2063	1690	183	777	32	14	0.02	0.64	16
11620023	11620058	2.91	175 3-	1/0 ACSR 6/1	2186	2013	1649	183	777	32	14	0.03	0.68	24
11630005	11620023	3.39	175 3-	1/0 ACSR 6/1	1905	1739	1420	180	776	32	14	0.21	0.93	157
11630006	11630005	3.56	175 3-	1/0 ACSR 6/1	1823	1659	1355	179	775	32	14	0.07	1.01	54
11630003	11630006	3.65	0 1-	2 ACSR 6/1	0	0	1316	178	0	0	0	0.00	1.51	0
11630004	11630006	3.67	173 3-	1/0 ACSR 6/1	1769	1608	1312	179	773	32	14	0.05	1.07	37
11530016	11630004	3.83	166 3-	1/0 ACSR 6/1	1699	1540	1257	178	736	31	14	0.06	1.15	48
11530019	11530016	4.08	158 3-	1/0 ACSR 6/1	1600	1447	1181	176	717	30	13	0.09	1.27	69
11530020	11530019	4.19	157 3-	1/0 ACSR 6/1	1561	1410	1151	176	706	30	13	0.04	1.32	29
11530021	11530020	4.29	156 3-	1/0 ACSR 6/1	1524	1375	1122	175	696	29	13	0.04	1.37	28
11530022	11530021	4.38	155 3-	1/0 ACSR 6/1	1494	1346	1099	175	690	29	13	0.03	1.41	24
11530009	11530022	4.45	154 3-	1/0 ACSR 6/1	1472	1325	1082	175	682	29	13	0.02	1.44	18
11530011	11530009	4.53	152 3-	1/0 ACSR 6/1	1448	1302	1064	174	677	28	13	0.02	1.48	19
11530024	11530011	4.60	150 3-	1/0 ACSR 6/1	1427	1283	1048	174	671	28	12	0.02	1.51	17
11530025	11530024	4.72	148 3-	1/0 ACSR 6/1	1389	1247	1019	173	651	27	12	0.04	1.56	30
11540016	11530025	4.92	148 3-	1/0 ACSR 6/1	1334	1196	977	172	651	27	12	0.07	1.65	47
11540007	11540016	5.01	146 3-	1/0 ACSR 6/1	1310	1174	959	172	642	27	12	0.03	1.69	21
11540017	11540007	5.27	143 3-	1/0 ACSR 6/1	1246	1114	911	170	631	26	12	0.09	1.80	58
11540018	11540017	5.36	143 3-	1/0 ACSR 6/1	1228	1097	897	170	631	26	12	0.03	1.83	18

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
11540010	11540018	5.46	3 1-	2 ACSR 6/1	0	0	877	169	27	3	2	0.01	1.64	0
11440006	11540010	5.51	3 1-	2 ACSR 6/1	0	0	867	169	27	3	2	0.00	1.64	0
11440005	11440006	5.56	1 1-	2 ACSR 6/1	0	0	857	169	10	1	1	0.00	1.64	0
11440004	11440005	5.61	0 1-	2 ACSR 6/1	0	0	847	168	0	0	0	0.00	1.64	0
11440002	11440004	5.68	0 1-	2 ACSR 6/1	0	0	836	168	0	0	0	0.00	1.64	0
11440003	11440002	5.73	0 1-	2 ACSR 6/1	0	0	826	167	0	0	0	0.00	1.64	0
11540005	11540018	6.84	140 3-	1/0 ACSR 6/1	961	851	699	163	604	25	11	0.48	2.43	320
R11-55-P23	11540005	6.84	140 3-		0	961	851	699	601	25	26	0.81	2.40	0
11550003	R11-55-P23	7.24	140 3-	1/0 ACSR 6/1	908	804	660	161	601	25	11	0.13	2.56	84
11550005	11550003	7.29	1 1-	2 ACSR 6/1	0	0	655	161	10	1	1	0.00	2.66	0
11550004	11550003	7.32	138 3-	1/0 ACSR 6/1	898	794	653	161	588	25	11	0.03	2.59	17
11560098	11550004	7.42	136 3-	1/0 ACSR 6/1	885	783	643	160	580	24	11	0.03	2.63	21
11560091	11560098	7.52	135 3-	1/0 ACSR 6/1	874	773	635	160	572	24	11	0.03	2.67	18
11560092	11560091	7.60	134 3-	1/0 ACSR 6/1	864	764	628	160	560	24	10	0.03	2.70	16
11560093	11560092	7.63	132 3-	1/0 ACSR 6/1	861	760	625	159	551	23	10	0.01	2.71	6
11560094	11560093	7.66	132 3-	1/0 ACSR 6/1	857	757	623	159	551	23	10	0.01	2.72	6
D11-56-P028	11560094	7.66	81 3-	REC-50-4H	857	757	623	159	358	15	31	0.00	2.72	0
11560100	D11-56-P028	7.87	81 3-	2 ACSR 6/1	829	731	602	158	358	15	9	0.00	2.80	37
11660032	11560100	7.92	81 3-	2 ACSR 6/1	822	725	598	158	358	15	9	0.00	2.81	9
11660037	11660032	8.03	79 3-	2 ACSR 6/1	808	711	587	157	354	15	8	0.00	2.85	20
11660051	11660037	8.13	78 3-	2 ACSR 6/1	796	700	579	156	349	15	8	0.00	2.89	16
11660015	11660051	8.16	74 3-	2 ACSR 6/1	791	696	576	156	330	14	8	0.00	2.90	6
11660003	11660015	8.26	73 3-	2 ACSR 6/1	780	686	568	156	327	14	8	-0.01	2.93	17
11660035	11660003	8.28	2 1-	2 ACSR 6/1	0	0	566	155	7	0	1	0.00	2.65	0
11660040	11660003	8.38	71 3-	2 ACSR 6/1	765	672	557	155	319	13	8	-0.01	2.97	21
11660036	11660040	8.52	2 1-	2 ACSR 6/1	0	0	546	154	13	1	1	0.01	3.57	0
11660039	11660036	8.61	1 1-	2 ACSR 6/1	0	0	540	153	7	0	1	0.00	3.57	0
11660041	11660040	8.46	68 3-	2 ACSR 6/1	757	665	551	154	306	13	7	-0.01	3.00	11
11660042	11660041	8.55	3 1-	2 ACSR 6/1	0	0	544	154	6	0	0	0.00	2.63	0
11660043	11660042	8.59	0 1-	2 ACSR 6/1	0	0	541	154	0	0	0	0.00	2.63	0
11660050	11660041	8.61	2 3-	2 ACSR 6/1	740	649	540	153	15	0	0	0.00	3.00	0
11660044	11660041	8.59	63 3-	1/0 ACSR 6/1	0	0	541	154	285	12	5	-0.02	3.02	12
11660046	11660044	8.66	60 3-	1/0 ACSR 6/1	0	0	536	153	280	12	5	-0.01	3.03	7
11660047	11660046	8.77	59 3-	1/0 ACSR 6/1	0	0	528	152	280	12	5	-0.01	3.05	10
11660045	11660047	8.89	59 3-	1/0 ACSR 6/1	0	0	519	152	280	12	5	-0.02	3.08	11
11760047	11660045	8.98	6 1-	2 ACSR 6/1	0	0	513	151	30	3	2	0.01	2.82	0
11760048	11760047	9.02	5 1-	2 ACSR 6/1	0	0	510	151	24	3	2	0.00	2.82	0
11760049	11760048	9.07	2 1-	2 ACSR 6/1	0	0	507	151	14	1	1	0.00	2.83	0
11760050	11760049	9.18	1 1-	2 ACSR 6/1	0	0	499	150	9	1	1	0.00	2.83	0
11760046	11660045	8.96	3 1-	2 ACSR 6/1	0	0	514	151	4	0	0	0.00	2.81	0
11760034	11660045	8.95	2 1-	2 ACSR 6/1	0	0	514	151	5	0	0	0.00	2.81	0
11760026	11660045	8.99	48 3-	1/0 ACSR 6/1	0	0	512	151	239	10	5	-0.02	3.09	9
11760053	11760026	9.51	48 3-	1/0 ACSR 6/1	0	0	478	148	239	10	5	-0.08	3.17	46
11760054	11760053	9.71	48 3-	1/0 ACSR 6/1	0	0	466	147	239	10	5	-0.03	3.21	18
11760027	11760054	9.73	42 1-	2 ACSR 6/1	0	0	465	147	213	27	15	0.01	4.33	2
11760029	11760027	9.82	42 1-	2 ACSR 6/1	0	0	460	146	213	27	15	0.07	4.40	13
11760033	11760029	10.05	0 1-	2 ACSR 6/1	0	0	448	145	0	0	0	0.00	4.40	0
11760030	11760029	10.16	42 1-	2 ACSR 6/1	0	0	442	145	213	27	15	0.27	4.66	46
11860024	11760030	10.47	39 1-	2 ACSR 6/1	0	0	426	143	207	27	15	0.24	4.91	41
11860025	11860024	10.72	17 1-	2 ACSR 6/1	0	0	414	142	81	10	6	0.08	4.98	5
11860026	11860025	10.86	3 1-	2 ACSR 6/1	0	0	408	141	13	1	1	0.01	4.99	0
11860049	11860026	10.98	2 1-	2 ACSR 6/1	0	0	403	140	7	0	1	0.00	4.99	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11860050	11860049	11.08	2 1-	2 ACSR 6/1	0	0	398	140	7	0	1	0.00	4.99	0
11860048	11860026	10.96	1 1-	2 ACSR 6/1	0	0	404	140	6	0	0	0.00	4.99	0
11860051	11860025	10.90	14 1-	2 ACSR 6/1	0	0	406	141	68	8	5	0.04	5.03	2
11860052	11860051	10.91	13 1-	2 ACSR 6/1	0	0	406	141	63	8	5	0.00	5.03	0
11860053	11860052	10.99	10 1-	2 ACSR 6/1	0	0	402	140	59	7	4	0.02	5.05	0
11860062	11860053	11.04	3 1-	2 ACSR 6/1	0	0	400	140	25	3	2	0.00	5.05	0
11860063	11860062	11.10	2 1-	2 ACSR 6/1	0	0	397	140	19	2	1	0.00	5.05	0
11860059	11860063	11.20	1 1-	2 ACSR 6/1	0	0	393	139	9	1	1	0.00	5.06	0
11960003	11860059	11.28	1 1-	2 ACSR 6/1	0	0	390	139	9	1	1	0.00	5.06	0
11860044	11860053	11.05	4 1-	2 ACSR 6/1	0	0	400	140	27	3	2	0.00	5.05	0
11860045	11860044	11.16	2 1-	2 ACSR 6/1	0	0	395	139	11	1	1	0.00	5.05	0
11860047	11860045	11.24	2 1-	2 ACSR 6/1	0	0	392	139	11	1	1	0.00	5.06	0
11860046	11860045	11.21	0 1-	2 ACSR 6/1	0	0	393	139	0	0	0	0.00	5.05	0
11860055	11860053	11.07	3 1-	2 ACSR 6/1	0	0	399	140	6	0	0	0.00	5.05	0
11860022	11860024	10.57	22 1-	2 ACSR 6/1	0	0	421	142	126	16	9	0.05	4.95	5
11860058	11860022	10.66	1 1-	2 ACSR 6/1	0	0	417	142	0	0	0	0.00	4.95	0
11860064	11860058	10.71	0 1-	2 ACSR 6/1	0	0	415	142	0	0	0	0.00	4.95	0
11860023	11860022	10.71	21 1-	2 ACSR 6/1	0	0	415	142	126	16	9	0.07	5.02	7
D11-86-P038	11860023	10.71	20 1-	SEC-50-GH	0	0	415	142	114	14	0	0.00	5.02	0
11860027	D11-86-P038	10.97	20 1-	2 ACSR 6/1	0	0	403	140	114	14	8	0.11	5.13	10
11760036	11860027	11.20	17 1-	2 ACSR 6/1	0	0	393	139	103	13	8	0.08	5.21	7
11760037	11760036	11.30	15 1-	2 ACSR 6/1	0	0	389	139	94	12	7	0.04	5.25	3
11760038	11760037	11.38	14 1-	2 ACSR 6/1	0	0	386	138	92	12	7	0.03	5.28	2
11760039	11760038	11.47	13 1-	2 ACSR 6/1	0	0	382	138	86	11	6	0.03	5.30	2
11760040	11760039	11.55	12 1-	2 ACSR 6/1	0	0	380	138	79	10	6	0.02	5.33	1
11760041	11760040	11.63	11 1-	2 ACSR 6/1	0	0	376	137	76	10	6	0.02	5.35	2
11760042	11760041	11.70	10 1-	2 ACSR 6/1	0	0	374	137	75	9	5	0.02	5.37	0
11760043	11760042	11.74	8 1-	2 ACSR 6/1	0	0	372	137	63	8	5	0.01	5.38	0
11760044	11760043	11.78	7 1-	2 ACSR 6/1	0	0	371	136	54	7	4	0.01	5.38	0
11760045	11760044	11.89	6 1-	2 ACSR 6/1	0	0	367	136	46	6	3	0.02	5.40	0
11670011	11760045	11.92	5 1-	2 ACSR 6/1	0	0	366	136	37	4	3	0.00	5.40	0
11670012	11670011	12.01	4 1-	2 ACSR 6/1	0	0	362	135	27	3	2	0.01	5.41	0
11670009	11670012	12.12	3 1-	2 ACSR 6/1	0	0	359	135	21	2	2	0.01	5.42	0
11670007	11670009	12.19	2 1-	2 ACSR 6/1	0	0	356	134	16	2	1	0.00	5.42	0
11670013	11670007	12.30	1 1-	2 ACSR 6/1	0	0	352	134	15	1	1	0.00	5.43	0
11760035	11860027	11.04	3 1-	2 ACSR 6/1	0	0	400	140	11	1	1	0.00	5.13	0
11860054	11860023	10.76	1 1-	2 ACSR 6/1	0	0	413	141	11	1	1	0.00	5.02	0
11860056	11760030	10.25	3 1-	2 ACSR 6/1	0	0	437	144	6	0	0	0.00	4.67	0
11860057	11860056	10.29	1 1-	2 ACSR 6/1	0	0	435	144	3	0	0	0.00	4.67	0
11760028	11760054	10.29	6 1-	2 ACSR 6/1	0	0	435	144	26	3	2	0.05	2.49	1
11750008	11760028	10.50	4 1- 15 KV	2 URD XLP	0	0	424	253	21	2	2	0.02	2.51	0
11750009	11750008	10.68	4 1- 15 KV	2 URD XLP	0	0	416	249	21	2	2	0.02	2.52	0
11750010	11750009	10.77	2 1- 15 KV	2 URD XLP	0	0	411	247	7	0	1	0.00	2.53	0
11750011	11750010	10.88	2 1- 15 KV	2 URD XLP	0	0	406	245	7	0	1	0.00	2.53	0
11750007	11750009	10.88	2 1-	2 ACSR 6/1	0	0	407	140	14	1	1	0.01	2.53	0
11750016	11750007	10.93	2 1-	2 ACSR 6/1	0	0	404	140	14	1	1	0.00	2.54	0
11750015	11750016	10.97	1 1-	2 ACSR 6/1	0	0	402	140	7	0	0	0.00	2.54	0
11750012	11760028	10.31	2 1-	2 ACSR 6/1	0	0	434	144	5	0	0	0.00	2.49	0
11660034	11660015	8.18	1 1-	2 ACSR 6/1	0	0	574	156	3	0	0	0.00	2.66	0
11660038	11660051	8.14	3 1-	2 ACSR 6/1	0	0	578	156	9	1	1	0.00	2.66	0
11660049	11660038	8.17	1 1-	2 ACSR 6/1	0	0	575	156	4	0	0	0.00	2.66	0
11560096	11560094	7.84	0 1-	2 ACSR 6/1	0	0	606	158	0	0	0	0.00	2.94	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
11560095	11560094	7.76	50 3-	1/0 ACSR 6/1	847	748	615	159	191	8	4	0.03	2.73	3
11560028	11560095	8.05	30 3-	1/0 ACSR 6/1	816	720	592	158	96	4	2	0.03	2.75	2
11560074	11560028	8.11	18 3-	1/0 ACSR 6/1	809	714	588	157	74	3	1	0.00	2.75	0
11560103	11560074	8.22	2 1-	2 ACSR 6/1	0	0	578	157	3	0	0	0.00	2.58	0
11560081	11560074	8.18	12 3-	1/0 ACSR 6/1	803	708	583	157	46	1	1	0.00	2.76	0
11560083	11560081	8.25	8 3-	1/0 ACSR 6/1	795	701	577	157	33	1	1	0.00	2.76	0
11560085	11560083	8.28	5 3-	1/0 ACSR 6/1	793	699	575	157	12	0	0	0.00	2.76	0
11560087	11560085	8.34	1 1-	2 ACSR 6/1	0	0	570	156	7	0	1	0.00	2.96	0
11560086	11560085	8.43	3 3-	1/0 ACSR 6/1	779	686	565	156	3	0	0	0.00	2.76	0
11560101	11560086	8.62	1 3-	1/0 ACSR 6/1	761	671	552	155	0	0	0	0.00	2.76	0
11560088	11560086	8.50	2 1-	2 ACSR 6/1	0	0	559	155	3	0	0	0.00	2.96	0
11560084	11560083	8.33	1 1-	2 ACSR 6/1	0	0	570	156	12	1	1	0.00	2.74	0
11560082	11560081	8.23	3 1-	2 ACSR 6/1	0	0	578	157	10	1	1	0.00	2.74	0
11560080	11560074	8.17	4 1-	2 ACSR 6/1	0	0	583	157	26	3	2	0.00	2.58	0
11560097	11560080	8.21	1 1-	2 ACSR 6/1	0	0	579	157	7	0	1	0.00	2.58	0
11560073	11560028	8.11	9 1-	2 ACSR 6/1	0	0	587	157	20	2	1	0.00	2.73	0
11560089	11560073	8.17	3 1-	2 ACSR 6/1	0	0	581	157	6	0	0	0.00	2.73	0
11560090	11560089	8.26	1 1-	2 ACSR 6/1	0	0	573	156	0	0	0	0.00	2.73	0
11560072	11560028	8.13	3 1-	2 ACSR 6/1	0	0	585	157	3	0	0	0.00	2.95	0
11560029	11560095	7.86	19 1-	2 ACSR 6/1	0	0	605	158	93	11	7	0.04	2.73	3
D11-56-P033	11560029	7.86	19 1-	FUS	0	0	605	158	93	11	273	0.00	2.73	0
11560030	D11-56-P033	8.05	19 1-	2 ACSR 6/1	0	0	587	157	93	11	7	0.06	2.80	5
11560066	11560030	8.11	17 1-	2 ACSR 6/1	0	0	582	157	79	10	6	0.02	2.81	0
11560076	11560066	8.18	16 1-	2 ACSR 6/1	0	0	576	156	73	9	5	0.02	2.83	0
11560079	11560076	8.23	3 1-	2 ACSR 6/1	0	0	572	156	10	1	1	0.00	2.83	0
11560077	11560076	8.23	12 1-	2 ACSR 6/1	0	0	571	156	56	7	4	0.01	2.84	0
11560078	11560077	8.28	10 1-	2 ACSR 6/1	0	0	567	156	45	5	3	0.01	2.85	0
11560067	11560078	8.35	8 1-	2 ACSR 6/1	0	0	562	155	42	5	3	0.01	2.86	0
11560068	11560067	8.42	7 1-	2 ACSR 6/1	0	0	556	155	30	3	2	0.01	2.87	0
11560102	11560068	8.49	6 1-	2 ACSR 6/1	0	0	550	154	30	3	2	0.01	2.87	0
11560069	11560102	8.54	4 1-	2 ACSR 6/1	0	0	546	154	23	2	2	0.00	2.88	0
11560071	11560069	8.65	2 1-	2 ACSR 6/1	0	0	538	153	14	1	1	0.00	2.88	0
11560070	11560069	8.55	2 1-	2 ACSR 6/1	0	0	545	154	9	1	1	0.00	2.88	0
11560075	11560066	8.13	1 1-	2 ACSR 6/1	0	0	580	156	7	0	0	0.00	2.81	0
11560065	11560030	8.12	2 1-	2 ACSR 6/1	0	0	581	157	14	1	1	0.00	2.80	0
11560064	11560095	7.81	1 1-	2 ACSR 6/1	0	0	609	158	1	0	0	0.00	2.70	0
11560099	11560098	7.48	1 1-	2 ACSR 6/1	0	0	637	160	7	0	1	0.00	2.59	0
11530010	11530009	4.54	0 1-	2 ACSR 6/1	0	0	1057	174	0	0	0	0.00	0.82	0
11530008	11530022	4.46	1 1-	2 ACSR 6/1	0	0	1076	174	8	1	1	0.00	0.80	0
11530018	11530016	3.86	8 1-	2 ACSR 6/1	0	0	1247	178	18	2	1	0.00	1.72	0
D11-53-P061	11530018	3.86	8 1-	REC-50-4H	0	0	1247	178	18	2	5	0.00	1.72	0
11530007	D11-53-P061	4.60	8 1-	2 ACSR 6/1	0	0	1014	172	18	2	1	0.05	1.76	0
11540014	11530007	4.69	7 1-	2 ACSR 6/1	0	0	991	171	15	1	1	0.00	1.77	0
11540013	11540014	4.72	1 1-	2 ACSR 6/1	0	0	982	171	4	0	0	0.00	1.77	0
11540012	11540014	4.76	3 1-	2 ACSR 6/1	0	0	973	171	5	0	0	0.00	1.77	0
11540015	11540012	4.81	1 1-	2 ACSR 6/1	0	0	960	171	0	0	0	0.00	1.77	0
11540006	11540012	4.84	2 1-	2 ACSR 6/1	0	0	955	170	5	0	0	0.00	1.77	0
11540008	11540006	5.05	1 1-	2 ACSR 6/1	0	0	906	169	3	0	0	0.00	1.77	0
11540009	11540008	5.17	1 1-	2 ACSR 6/1	0	0	882	168	3	0	0	0.00	1.77	0
11540011	11530007	4.67	1 1-	2 ACSR 6/1	0	0	994	172	3	0	0	0.00	1.76	0
11530015	11630004	3.70	6 1-	2 ACSR 6/1	0	0	1302	178	34	4	2	0.00	0.55	0
11530012	11530015	3.76	3 1-	2 ACSR 6/1	0	0	1276	178	17	2	1	0.00	0.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11530013	11530012	3.78	2 1-	2 ACSR 6/1	0	0	1268	178	14	1	1	0.00	0.55	0
11530014	11530013	3.83	1 1-	2 ACSR 6/1	0	0	1251	177	7	0	1	0.00	0.55	0
11530017	11530015	3.75	3 1-	2 ACSR 6/1	0	0	1280	178	17	2	1	0.00	0.55	0
11620052	11720058	2.23	7 1-	2 ACSR 6/1	0	0	2043	185	38	4	3	0.00	0.65	0
11620066	11620052	2.29	2 1-	2 ACSR 6/1	0	0	1994	185	9	1	1	0.00	0.65	0
11620051	11620052	2.31	3 1-	2 ACSR 6/1	0	0	1973	185	19	2	1	0.00	0.65	0
11720102	11720092	1.81	2 1-	2 ACSR 6/1	0	0	2308	186	11	1	1	0.00	0.53	0
11720103	11720102	1.84	1 1-	2 ACSR 6/1	0	0	2277	186	6	0	0	0.00	0.53	0
11720097	11720061	1.58	3 1-	2 ACSR 6/1	0	0	2493	187	4	0	0	0.00	0.46	0
11720059	11720061	1.58	3 1-	2 ACSR 6/1	0	0	2488	186	13	1	1	0.00	0.46	0
11820076	11820056	1.14	6 1-	2 ACSR 6/1	0	0	2912	187	30	3	2	0.01	0.46	0
11820074	11820076	1.17	1 1-	2 ACSR 6/1	0	0	2870	187	9	1	1	0.00	0.46	0
11820073	11820076	1.19	3 1-	2 ACSR 6/1	0	0	2823	187	13	1	1	0.00	0.46	0
11820051	11820061	1.04	7 1-	2 ACSR 6/1	0	0	3077	188	37	4	3	0.00	0.33	0
11820052	11820051	1.07	6 1-	2 ACSR 6/1	0	0	3030	188	29	3	2	0.00	0.33	0
11820053	11820052	1.11	3 1-	2 ACSR 6/1	0	0	2951	187	16	1	1	0.00	0.33	0
11820054	11820053	1.13	2 1-	2 ACSR 6/1	0	0	2905	187	7	0	1	0.00	0.33	0
11820099	11820094	0.80	5 1-	2 ACSR 6/1	0	0	3383	188	21	2	1	0.01	0.25	0
11820100	11820099	0.83	5 1-	2 ACSR 6/1	0	0	3295	188	21	2	1	0.00	0.25	0
11820137	11820100	0.88	4 1-	2 ACSR 6/1	0	0	3196	187	16	2	1	0.00	0.26	0
11820138	11820137	0.92	3 1-	2 ACSR 6/1	0	0	3107	187	9	1	1	0.00	0.26	0
11820097	11820096	0.64	3 1-	2 ACSR 6/1	0	0	3703	189	6	0	0	0.00	0.21	0
11820095	11820097	0.68	2 1-	2 ACSR 6/1	0	0	3596	188	5	0	0	0.00	0.21	0
CKT 1 total losses:		\$2,213												

SUB 53, CKT 2

BK5302	HINKLE(53)	0.00	264 3-	BK5302	5101	5199	5367	190	1607	67	18	0.00	0.00	0
11920021	BK5302	0.04	264 3-	336 ACSR 18/1	5171	5254	5379	190	1607	67	13	0.03	0.01	17
11920024	11920021	0.15	264 3-	336 ACSR 18/1	4944	4981	4993	190	1607	67	13	0.07	0.05	50
11820090	11920024	0.27	264 3-	336 ACSR 18/1	4711	4705	4618	190	1606	67	13	0.08	0.09	56
11820091	11820090	0.29	264 3-	336 ACSR 18/1	4661	4647	4541	190	1606	67	13	0.02	0.09	13
11820086	11820091	0.40	9 1-	2 ACSR 6/1	0	0	4136	189	73	9	5	0.03	0.23	2
11820134	11820086	0.49	9 1-	2 ACSR 6/1	0	0	3827	188	73	9	5	0.02	0.25	1
11820133	11820134	0.57	7 1-	2 ACSR 6/1	0	0	3595	187	56	7	4	0.02	0.27	0
10890080	11820133	0.61	6 1-	2 ACSR 6/1	0	0	3466	187	42	5	3	0.01	0.27	0
10890082	10890080	0.72	3 1-	2 ACSR 6/1	0	0	3183	186	20	2	1	0.01	0.28	0
10890083	10890082	0.78	2 1-	2 ACSR 6/1	0	0	3049	186	10	1	1	0.00	0.28	0
10890090	10890083	0.89	1 1-	2 ACSR 6/1	0	0	2827	185	10	1	1	0.00	0.28	0
10890084	10890082	0.79	1 1-	2 ACSR 6/1	0	0	3026	186	10	1	1	0.00	0.28	0
10890081	10890080	0.68	1 1-	2 ACSR 6/1	0	0	3286	187	8	1	1	0.00	0.27	0
10890086	10890080	0.65	2 1-	2 ACSR 6/1	0	0	3359	187	13	1	1	0.00	0.27	0
10890087	10890086	0.71	1 1-	2 ACSR 6/1	0	0	3215	186	6	0	0	0.00	0.28	0
10890074	11820133	0.63	1 1-	2 ACSR 6/1	0	0	3423	187	15	1	1	0.00	0.27	0
11820092	11820091	0.35	1 1-	2 ACSR 6/1	0	0	4334	189	4	0	0	0.00	0.20	0
11820083	11820091	0.54	254 3-	336 ACSR 18/1	4250	4174	3937	189	1528	63	12	0.15	0.17	101
11820085	11820083	0.57	254 3-	336 ACSR 18/1	4207	4125	3878	189	1528	63	12	0.02	0.18	12
11820122	11820085	0.60	254 3-	336 ACSR 18/1	4160	4072	3813	189	1527	63	12	0.02	0.19	13
11820124	11820122	0.65	254 3-	336 ACSR 18/1	4098	4003	3729	189	1527	63	12	0.03	0.20	18
11820093	11820124	0.71	254 3-	336 ACSR 18/1	4013	3909	3616	189	1527	63	12	0.04	0.22	25
11820101	11820093	0.82	254 3-	336 ACSR 18/1	3870	3751	3430	188	1527	63	12	0.07	0.25	44
11820108	11820101	0.85	254 3-	336 ACSR 18/1	3824	3700	3371	188	1527	63	12	0.02	0.26	15
11820109	11820108	0.90	254 3-	336 ACSR 18/1	3766	3637	3298	188	1526	63	12	0.03	0.28	19

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D11-82-P005	11820109	0.90	29 1-	FUS	0	0	3298	188	155	19	447	0.00	0.57	0
11820112	D11-82-P005	0.94	29 1-	2 ACSR 6/1	0	0	3223	188	155	19	11	0.02	0.59	2
11820113	11820112	0.97	28 1-	2 ACSR 6/1	0	0	3146	188	150	18	11	0.02	0.60	2
11820115	11820113	0.99	17 1-	2 ACSR 6/1	0	0	3105	188	104	13	7	0.01	0.61	0
11820118	11820115	1.03	16 1-	2 ACSR 6/1	0	0	3021	187	97	12	7	0.01	0.63	0
11820119	11820118	1.10	15 1-	2 ACSR 6/1	0	0	2893	187	89	11	6	0.02	0.64	1
11820120	11820119	1.13	14 1-	2 ACSR 6/1	0	0	2824	186	78	9	6	0.01	0.66	0
11820136	11820120	1.29	2 1-	2 ACSR 6/1	0	0	2562	185	10	1	1	0.00	0.66	0
11820068	11820120	1.23	3 1-	2 ACSR 6/1	0	0	2654	186	7	0	1	0.00	0.66	0
11820069	11820068	1.34	1 1-	2 ACSR 6/1	0	0	2489	185	2	0	0	0.00	0.66	0
11820121	11820120	1.54	8 1-	2 ACSR 6/1	0	0	2218	183	52	6	4	0.08	0.73	3
11720113	11820121	1.60	3 1-	2 ACSR 6/1	0	0	2151	183	26	3	2	0.00	0.74	0
10790041	11720113	1.64	1 1-	1/0 ACSR 6/1	0	0	2110	183	14	1	1	0.00	0.74	0
11720057	11820121	1.59	1 1-	2 ACSR 6/1	0	0	2155	183	4	0	0	0.00	0.73	0
11720050	11820121	1.59	4 1-	2 ACSR 6/1	0	0	2155	183	22	2	2	0.00	0.74	0
10790034	11720050	1.64	2 1-	2 ACSR 6/1	0	0	2109	183	15	1	1	0.00	0.74	0
10790040	10790034	1.70	1 1-	1/0 ACSR 6/1	0	0	2054	182	9	1	0	0.00	0.74	0
10790039	10790034	1.79	1 1-	2 ACSR 6/1	0	0	1954	181	7	0	0	0.00	0.74	0
10790037	11720050	1.66	2 1-	2 ACSR 6/1	0	0	2082	182	7	0	0	0.00	0.74	0
11820114	11820113	1.00	9 1-	2 ACSR 6/1	0	0	3093	188	41	5	3	0.00	0.61	0
11820131	11820114	1.08	5 1-	2 ACSR 6/1	0	0	2922	187	23	2	2	0.01	0.61	0
11820132	11820131	1.12	4 1-	2 ACSR 6/1	0	0	2853	187	17	2	1	0.00	0.62	0
11820135	11820132	1.20	3 1-	2 ACSR 6/1	0	0	2715	186	13	1	1	0.00	0.62	0
11820116	11820114	1.04	4 1-	2 ACSR 6/1	0	0	3005	187	19	2	1	0.00	0.61	0
11820117	11820116	1.10	1 1-	2 ACSR 6/1	0	0	2883	187	3	0	0	0.00	0.61	0
11820048	11820109	0.96	225 3-	336 ACSR 18/1	3695	3561	3211	188	1371	57	11	0.03	0.29	19
11820070	11820048	1.02	9 1-	2 ACSR 6/1	0	0	3077	188	53	6	4	0.01	0.60	0
11820071	11820070	1.05	5 1-	2 ACSR 6/1	0	0	3020	187	30	3	2	0.00	0.61	0
11820067	11820071	1.10	2 1-	2 ACSR 6/1	0	0	2936	187	19	2	1	0.00	0.61	0
11820066	11820071	1.09	1 1-	2 ACSR 6/1	0	0	2948	187	5	0	0	0.00	0.61	0
11820065	11820071	1.08	1 1-	2 ACSR 6/1	0	0	2971	187	5	0	0	0.00	0.61	0
11820064	11820048	1.00	1 1-	2 ACSR 6/1	0	0	3118	188	10	1	1	0.00	0.59	0
11820060	11820048	1.01	215 3-	336 ACSR 18/1	3635	3497	3138	188	1308	54	10	0.02	0.30	16
11820055	11820060	1.06	215 3-	336 ACSR 18/1	3585	3443	3077	188	1308	54	10	0.02	0.31	14
11820059	11820055	1.09	215 3-	336 ACSR 18/1	3550	3406	3036	188	1308	54	10	0.01	0.32	10
11820075	11820059	1.23	215 3-	336 ACSR 18/1	3402	3249	2863	188	1308	54	10	0.05	0.36	43
11720068	11820075	1.33	213 3-	336 ACSR 18/1	3307	3148	2754	187	1300	54	10	0.04	0.38	29
11720071	11720068	1.39	3 1-	2 ACSR 6/1	0	0	2665	187	22	2	2	0.00	0.73	0
11720072	11720071	1.43	2 1-	2 ACSR 6/1	0	0	2607	187	19	2	1	0.00	0.73	0
11720084	11720068	1.40	210 3-	336 ACSR 18/1	3248	3087	2689	187	1278	53	10	0.02	0.40	18
11720062	11720084	1.45	210 3-	336 ACSR 18/1	3204	3041	2640	187	1278	53	10	0.02	0.41	14
11720063	11720062	1.53	210 3-	336 ACSR 18/1	3131	2965	2560	187	1277	53	10	0.03	0.43	24
11720066	11720063	1.58	208 3-	336 ACSR 18/1	3089	2922	2514	187	1271	53	10	0.02	0.44	14
11720093	11720066	1.62	208 3-	336 ACSR 18/1	3057	2889	2480	187	1271	53	10	0.01	0.45	11
11720099	11720093	1.67	2 1-	2 ACSR 6/1	0	0	2424	186	13	1	1	0.00	0.06	0
11720100	11720099	1.78	2 1-	2 ACSR 6/1	0	0	2279	185	13	1	1	0.00	0.07	0
11720101	11720100	1.83	1 1-	2 ACSR 6/1	0	0	2220	185	5	0	0	0.00	0.07	0
11720094	11720093	1.83	206 3-	336 ACSR 18/1	2898	2727	2314	186	1258	52	10	0.07	0.50	59
11720098	11720094	1.95	1 1-	15 KV 2 URD XLP	0	0	2193	464	16	2	1	0.00	0.90	0
11720095	11720094	1.93	205 3-	336 ACSR 18/1	2830	2658	2244	186	1241	51	10	0.03	0.52	27
11720096	11720095	2.06	205 3-	336 ACSR 18/1	2741	2568	2154	186	1241	51	10	0.04	0.55	37
D11-72-P002	11720096	2.06	72 3-	REC-70-L	0	0	2154	186	441	18	27	0.00	0.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
11720116	D11-72-P002	2.43	72 3-	1/0 ACSR 6/1	0	0	1818	183	441	18	8	0.07	0.66	42
11720117	11720116	2.55	72 3-	1/0 ACSR 6/1	0	0	1728	182	440	18	8	0.02	0.69	14
11730013	11720117	2.66	71 3-	1/0 ACSR 6/1	0	0	1658	181	434	18	8	0.02	0.72	11
11730016	11730013	2.76	68 3-	1/0 ACSR 6/1	0	0	1590	180	408	17	7	0.02	0.75	11
11730017	11730016	2.86	67 3-	1/0 ACSR 6/1	0	0	1530	180	395	16	7	0.02	0.78	11
11730018	11730017	3.06	65 3-	1/0 ACSR 6/1	0	0	1423	178	381	16	7	0.03	0.83	21
D11-73-P009	11730018	3.06	65 3-	FUS	0	0	1423	178	381	16	366	0.00	0.83	0
11730010	D11-73-P009	3.11	65 3-	1/0 ACSR 6/1	0	0	1397	178	381	16	7	0.01	0.84	6
11730011	11730010	4.21	65 3-	1/0 ACSR 6/1	0	0	1001	170	381	16	7	0.17	1.11	116
11830005	11730011	4.49	64 3-	1/0 ACSR 6/1	0	0	931	168	373	15	7	0.04	1.18	30
11840091	11830005	4.54	1 1-	2 ACSR 6/1	0	0	919	167	7	0	0	0.00	0.82	0
11840037	11830005	4.54	63 3-	1/0 ACSR 6/1	0	0	920	168	366	15	7	0.01	1.19	5
D11-84-P004	11840037	4.54	61 3-	REC-50-H	0	0	920	168	361	15	31	0.00	1.19	0
11840098	D11-84-P004	4.63	61 3-	1/0 ACSR 6/1	0	0	900	167	361	15	7	0.01	1.21	10
11840072	11840098	4.70	59 3-	1/0 ACSR 6/1	0	0	886	166	347	14	6	0.01	1.23	7
11840070	11840072	4.73	1 1-	2 ACSR 6/1	0	0	880	166	2	0	0	0.00	1.41	0
11840069	11840072	4.76	1 1-	2 ACSR 6/1	0	0	873	166	0	0	0	0.00	1.41	0
11840073	11840072	4.79	33 1-	1/0 ACSR 6/1	0	0	867	166	207	26	11	0.05	1.51	7
11840092	11840073	4.88	2 1-	2 ACSR 6/1	0	0	850	165	15	1	1	0.00	1.51	0
11840033	11840073	4.85	31 1-	2 ACSR 6/1	0	0	855	165	192	24	14	0.04	1.56	7
11840094	11840033	4.94	30 1-	2 ACSR 6/1	0	0	838	165	182	23	13	0.06	1.61	8
11840064	11840094	5.00	29 1-	2 ACSR 6/1	0	0	827	164	173	22	12	0.04	1.65	5
11830006	11840064	5.07	28 1-	2 ACSR 6/1	0	0	815	164	171	21	12	0.04	1.69	6
11-83-P003-B	11830006	5.07	28 1-	Closed	0	0	815	164	171	21	0	0.00	1.69	0
11-83-P003-A	11-83-P003-B	5.07	28 1-	Closed	0	0	815	164	171	21	0	0.00	1.69	0
11830004	11-83-P003-A	5.17	28 1-	2 ACSR 6/1	0	0	797	163	171	21	12	0.06	1.76	9
11930021	11830004	5.23	1 1-	2 ACSR 6/1	0	0	787	163	7	0	1	0.00	1.76	0
11930015	11830004	5.37	26 1-	2 ACSR 6/1	0	0	765	162	161	20	11	0.11	1.87	15
11930016	11930015	5.48	25 1-	2 ACSR 6/1	0	0	748	161	158	20	11	0.06	1.93	8
11930008	11930016	5.55	24 1-	2 ACSR 6/1	0	0	738	161	148	18	11	0.04	1.97	4
11930022	11930008	5.64	17 1-	2 ACSR 6/1	0	0	724	160	99	12	7	0.03	2.00	3
17030002	11930022	5.77	17 1-	2 ACSR 6/1	0	0	707	160	99	12	7	0.04	2.05	3
17040012	17030002	5.88	17 1-	2 ACSR 6/1	0	0	693	159	99	12	7	0.04	2.09	3
17040020	17040012	6.01	10 1-	2 ACSR 6/1	0	0	676	158	72	9	5	0.03	2.12	2
17040019	17040020	6.17	5 1-	2 ACSR 6/1	0	0	657	157	35	4	3	0.02	2.14	0
17030003	17040019	6.23	4 1-	2 ACSR 6/1	0	0	650	157	25	3	2	0.01	2.14	0
17030004	17030003	6.40	2 1-	2 ACSR 6/1	0	0	631	156	19	2	1	0.01	2.15	0
17040021	17040020	6.17	3 1-	2 ACSR 6/1	0	0	657	157	18	2	1	0.01	2.13	0
17140003	17040021	6.21	1 1-	2 ACSR 6/1	0	0	652	157	5	0	0	0.00	2.13	0
17140002	17040021	6.27	2 1-	2 ACSR 6/1	0	0	646	156	13	1	1	0.00	2.14	0
17140005	17140002	6.35	1 1-	2 ACSR 6/1	0	0	637	156	7	0	0	0.00	2.14	0
17140006	17140005	6.43	0 1-	2 ACSR 6/1	0	0	628	155	0	0	0	0.00	2.14	0
17140004	17140002	6.33	1 1-	2 ACSR 6/1	0	0	639	156	7	0	0	0.00	2.14	0
17040022	17040020	6.07	1 1-	2 ACSR 6/1	0	0	669	158	15	1	1	0.00	2.12	0
17040013	17040012	6.06	7 1-	2 ACSR 6/1	0	0	669	158	26	3	2	0.02	2.11	0
17040017	17040013	6.17	6 1-	2 ACSR 6/1	0	0	657	157	23	2	2	0.01	2.11	0
D17-04-P029	17040017	6.17	5 1-	FUS	0	0	657	157	21	2	61	0.00	2.11	0
17040015	D17-04-P029	6.29	5 1-	2 ACSR 6/1	0	0	644	156	21	2	1	0.01	2.12	0
17040018	17040015	6.32	1 1-	2 ACSR 6/1	0	0	640	156	9	1	1	0.00	2.12	0
17040014	17040015	6.38	4 1-	2 ACSR 6/1	0	0	633	156	12	1	1	0.00	2.13	0
17040026	17040014	6.66	1 1-	2 ACSR 6/1	0	0	604	154	0	0	0	0.00	2.13	0
17040027	17040026	6.95	1 1-	2 ACSR 6/1	0	0	577	152	0	0	0	0.00	2.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
17040028	17040027	7.52	1 1-	2 ACSR 6/1	0	0	530	149	0	0	0	0.00	2.13	0
17050003	17040028	7.78	1 1-	2 ACSR 6/1	0	0	511	148	0	0	0	0.00	2.13	0
17040010	17040014	6.46	3 1-	2 ACSR 6/1	0	0	625	155	11	1	1	0.00	2.13	0
11940006	17040010	6.51	2 1-	15 KV 2 URD XLP	0	0	619	303	11	1	1	0.00	2.13	0
11940005	17040010	6.58	1 1-	15 KV 2 URD XLP	0	0	612	301	1	0	0	0.00	2.13	0
17040016	17040013	6.11	1 1-	2 ACSR 6/1	0	0	664	157	4	0	0	0.00	2.11	0
17040011	17030002	5.85	0 1-	2 ACSR 6/1	0	0	695	159	0	0	0	0.00	2.05	0
11930018	11930008	5.58	7 1-	2 ACSR 6/1	0	0	733	161	49	6	4	0.01	1.98	0
11930019	11930018	5.63	6 1-	2 ACSR 6/1	0	0	726	160	44	5	3	0.01	1.98	0
11930023	11930019	5.84	3 1-	2 ACSR 6/1	0	0	697	159	26	3	2	0.01	1.99	0
11930017	11930016	5.51	1 1-	2 ACSR 6/1	0	0	744	161	10	1	1	0.00	1.93	0
11930020	11830004	5.23	1 1-	2 ACSR 6/1	0	0	786	163	3	0	0	0.00	1.76	0
11840093	11840033	4.91	1 1-	2 ACSR 6/1	0	0	843	165	10	1	1	0.00	1.56	0
11840071	11840072	4.75	23 1-	2 ACSR 6/1	0	0	875	166	138	17	10	0.03	1.43	3
11840082	11840071	4.81	22 1-	2 ACSR 6/1	0	0	862	166	125	15	9	0.03	1.46	3
D11-84-P013	11840082	4.81	3 1-	FUS	0	0	862	166	26	3	75	0.00	1.46	0
11840097	D11-84-P013	4.84	3 1-	2 ACSR 6/1	0	0	858	166	26	3	2	0.00	1.46	0
11840083	11840097	4.88	2 1-	2 ACSR 6/1	0	0	850	165	16	2	1	0.00	1.46	0
11840084	11840082	4.92	17 1-	2 ACSR 6/1	0	0	841	165	91	11	6	0.03	1.50	2
11840086	11840084	5.01	6 1-	2 ACSR 6/1	0	0	826	164	31	3	2	0.01	1.50	0
11840087	11840086	5.10	5 1-	2 ACSR 6/1	0	0	809	164	24	3	2	0.01	1.51	0
11840090	11840087	5.16	2 1-	2 ACSR 6/1	0	0	799	163	15	1	1	0.00	1.51	0
11840088	11840087	5.28	3 1-	2 ACSR 6/1	0	0	778	163	9	1	1	0.00	1.52	0
11840089	11840088	5.33	1 1-	2 ACSR 6/1	0	0	771	162	3	0	0	0.00	1.52	0
11840085	11840084	5.02	10 1-	2 ACSR 6/1	0	0	823	164	53	6	4	0.02	1.52	0
11840034	11840085	5.06	3 1-	2 ACSR 6/1	0	0	817	164	19	2	1	0.00	1.52	0
11840078	11840034	5.10	2 1-	2 ACSR 6/1	0	0	808	164	11	1	1	0.00	1.52	0
11840077	11840034	5.09	1 1-	2 ACSR 6/1	0	0	812	164	8	0	1	0.00	1.52	0
11840035	11840085	5.12	7 1-	2 ACSR 6/1	0	0	805	164	35	4	2	0.01	1.53	0
11840065	11840035	5.18	2 1-	2 ACSR 6/1	0	0	795	163	5	0	0	0.00	1.53	0
11840036	11840035	5.22	5 1-	2 ACSR 6/1	0	0	788	163	30	3	2	0.01	1.54	0
11840067	11840036	5.33	4 1-	2 ACSR 6/1	0	0	770	162	20	2	1	0.01	1.55	0
11840074	11840067	5.50	2 1-	2 ACSR 6/1	0	0	744	161	14	1	1	0.01	1.55	0
11840076	11840074	5.62	1 1-	2 ACSR 6/1	0	0	728	160	5	0	0	0.00	1.56	0
11840075	11840074	5.60	1 1-	2 ACSR 6/1	0	0	730	161	8	1	1	0.00	1.56	0
11840068	11840067	5.40	1 1-	2 ACSR 6/1	0	0	760	162	3	0	0	0.00	1.55	0
11840066	11840036	5.27	1 1-	2 ACSR 6/1	0	0	781	163	10	1	1	0.00	1.54	0
11840079	11840037	4.60	2 1-	2 ACSR 6/1	0	0	907	167	6	0	0	0.00	0.83	0
11840080	11840079	4.65	2 1-	2 ACSR 6/1	0	0	895	167	6	0	0	0.00	0.83	0
11840081	11840080	4.69	1 1-	2 ACSR 6/1	0	0	887	166	3	0	0	0.00	0.83	0
11730015	11730013	2.72	1 1-	2 ACSR 6/1	0	0	1616	181	10	1	1	0.00	0.75	0
11730014	11730013	2.70	1 1-	2 ACSR 6/1	0	0	1630	181	7	0	0	0.00	0.75	0
11730012	11720117	2.62	1 1-	2 ACSR 6/1	0	0	1681	181	6	0	0	0.00	0.74	0
11720049	11720096	2.10	133 3-	336 ACSR 18/1	2715	2541	2128	186	800	33	6	0.01	0.56	7
11-72-P001A-B	11720049	2.10	133 3-	Closed	2715	2541	2128	186	800	33	0	0.00	0.56	0
11-72-P001A-A	11-72-P001A-B	2.10	133 3-	Closed	2715	2541	2128	186	800	33	0	0.00	0.56	0
11720079	11-72-P001A-A	2.22	133 3-	336 ACSR 18/1	2642	2468	2056	185	800	33	6	0.04	0.57	20
11620054	11720079	2.28	133 3-	336 ACSR 18/1	2603	2429	2018	185	800	33	6	0.02	0.58	11
11620056	11620054	2.34	132 3-	336 ACSR 18/1	2569	2396	1985	185	799	33	6	0.02	0.59	10
CAP130	11620056	2.34	130 3-	Capacitor	0	0	0	0	788	33	0	0.00	0.59	0
11620105	CAP130	2.41	130 3-	336 ACSR 18/1	2533	2360	1951	185	788	33	6	0.02	0.60	11
11-62-P031-B	11620105	2.41	130 3-	Closed	2533	2360	1951	185	788	33	0	0.00	0.60	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
11-62-P031-A	11-62-P031-B	2.41	130 3-	Closed	2533	2360	1951	185	788	33	0	0.00	0.60	0
11620057	11-62-P031-A	2.43	130 3-	336 ACSR 18/1	2522	2349	1940	185	788	33	6	0.01	0.60	3
11620087	11620057	2.49	128 3-	336 ACSR 18/1	2485	2313	1905	185	771	32	6	0.02	0.61	10
11620086	11620087	2.56	1 1-	2 ACSR 6/1	0	0	1852	184	9	1	1	0.00	1.11	0
11620059	11620087	2.54	126 3-	336 ACSR 18/1	2461	2288	1881	185	755	31	6	0.02	0.62	7
11620060	11620059	2.60	1 1-	15 KV 2 URD XLP	0	0	1841	456	18	2	1	0.00	-0.07	0
11620084	11620059	2.58	125 3-	336 ACSR 18/1	2442	2270	1864	185	737	31	6	0.01	0.63	5
11620085	11620084	2.64	121 3-	336 ACSR 18/1	2411	2240	1835	184	723	30	6	0.02	0.64	8
11620061	11620085	2.75	118 3-	336 ACSR 18/1	2357	2186	1785	184	702	29	6	0.04	0.66	15
11620082	11620061	2.81	3 1-	2 ACSR 6/1	0	0	1737	184	19	2	1	0.00	1.20	0
11620083	11620082	2.88	1 1-	2 ACSR 6/1	0	0	1693	183	9	1	1	0.00	1.20	0
11620019	11620061	2.82	115 3-	336 ACSR 18/1	2320	2150	1751	184	683	28	5	0.02	0.67	10
11620078	11620019	2.89	109 3-	336 ACSR 18/1	2290	2120	1723	184	635	26	5	0.02	0.68	8
11620079	11620078	2.94	107 3-	336 ACSR 18/1	2267	2098	1702	184	619	26	5	0.01	0.69	6
11620064	11620079	3.00	105 3-	336 ACSR 18/1	2242	2073	1679	184	607	25	5	0.01	0.70	6
11620067	11620064	3.03	1 1-	2 ACSR 6/1	0	0	1656	183	6	0	0	0.00	1.26	0
11620065	11620064	3.19	103 3-	336 ACSR 18/1	2163	1997	1608	183	601	25	5	0.04	0.72	21
10690054	11620065	3.26	2 1-	2 ACSR 6/1	0	0	1566	183	11	1	1	0.00	-0.20	0
11620077	10690054	3.32	1 1-	2 ACSR 6/1	0	0	1535	182	1	0	0	0.00	-0.20	0
10690016	11620065	3.24	101 3-	336 ACSR 18/1	2143	1977	1590	183	589	24	5	0.01	0.73	6
10690031	10690016	3.38	96 3-	336 ACSR 18/1	2087	1923	1541	183	571	24	5	0.03	0.75	16
10690032	10690031	3.44	92 3-	336 ACSR 18/1	2064	1901	1521	183	543	22	4	0.01	0.76	7
10690028	10690032	3.49	88 3-	336 ACSR 18/1	2046	1883	1505	182	514	21	4	0.01	0.76	6
10690030	10690028	3.54	84 3-	336 ACSR 18/1	2029	1867	1490	182	489	20	4	0.01	0.77	5
10690022	10690030	3.57	1 1-	2 ACSR 6/1	0	0	1474	182	11	1	1	0.00	-0.28	0
10690023	10690030	3.59	82 3-	336 ACSR 18/1	2011	1850	1475	182	469	19	4	0.01	0.77	5
10690026	10690023	3.83	81 3-	336 ACSR 18/1	1929	1771	1405	182	467	19	4	0.04	0.80	26
10690047	10690026	3.90	75 3-	336 ACSR 18/1	1908	1751	1386	182	434	18	3	0.01	0.81	7
10690045	10690047	3.94	5 1-	2 ACSR 6/1	0	0	1368	181	26	3	2	0.00	-0.38	0
10690049	10690045	3.99	3 1-	2 ACSR 6/1	0	0	1345	181	9	1	1	0.00	-0.38	0
10690048	10690049	4.04	1 1-	2 ACSR 6/1	0	0	1325	180	5	0	0	0.00	-0.38	0
10690050	10690047	3.97	65 3-	336 ACSR 18/1	1884	1728	1366	181	388	16	3	0.01	0.81	7
10690061	10690050	4.05	60 3-	336 ACSR 18/1	1860	1705	1346	181	371	15	3	0.01	0.82	7
10690062	10690061	4.09	58 3-	336 ACSR 18/1	1848	1693	1335	181	368	15	3	0.01	0.82	4
10690041	10690062	4.13	56 3-	336 ACSR 18/1	1837	1684	1327	181	351	14	3	0.01	0.83	3
10690043	10690041	4.19	51 3-	336 ACSR 18/1	1820	1666	1312	181	324	13	3	0.01	0.83	4
10690044	10690043	4.23	49 3-	336 ACSR 18/1	1807	1654	1301	181	310	13	2	0.01	0.83	3
10690040	10690044	4.28	47 3-	336 ACSR 18/1	1794	1642	1291	181	301	12	2	0.01	0.84	2
10690038	10690040	4.31	45 3-	336 ACSR 18/1	1785	1633	1283	181	294	12	2	0.00	0.84	2
10690039	10690038	4.36	44 3-	336 ACSR 18/1	1770	1620	1271	180	282	11	2	0.01	0.84	3
10690051	10690039	4.45	42 3-	336 ACSR 18/1	1746	1597	1251	180	278	11	2	0.01	0.85	4
D10-68-P034	10690051	4.45	40 1-	REC-50-H	0	0	1251	180	265	33	68	0.00	1.54	0
10680103	D10-68-P034	4.59	40 1-	2 ACSR 6/1	0	0	1203	179	265	33	19	0.12	1.66	25
10680104	10680103	4.62	36 1-	2 ACSR 6/1	0	0	1191	179	230	29	16	0.03	1.69	5
10680111	10680104	4.70	33 1-	2 ACSR 6/1	0	0	1167	178	215	27	15	0.06	1.75	10
10690019	10680111	4.74	10 1-	2 ACSR 6/1	0	0	1153	178	67	8	5	0.01	1.76	0
10680120	10690019	4.80	3 1-	2 ACSR 6/1	0	0	1136	178	21	2	2	0.00	1.76	0
10680125	10690019	4.78	5 1-	2 ACSR 6/1	0	0	1140	178	34	4	2	0.00	1.77	0
10680099	10680125	4.82	4 1-	2 ACSR 6/1	0	0	1128	177	26	3	2	0.00	1.77	0
10680100	10680099	4.88	4 1-	2 ACSR 6/1	0	0	1110	177	26	3	2	0.00	1.77	0
10680101	10680100	4.91	2 1-	2 ACSR 6/1	0	0	1101	177	9	1	1	0.00	1.77	0
10680102	10680101	4.95	1 1-	2 ACSR 6/1	0	0	1090	176	0	0	0	0.00	1.77	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	TOTAL	LINE	
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
10690018	10680111	4.89	22 1-	2 ACSR 6/1	0	0	1108	177	133	16	9	0.09	1.84	9
10790029	10690018	4.93	21 1-	2 ACSR 6/1	0	0	1097	177	124	15	9	0.02	1.86	2
10790030	10790029	4.98	20 1-	2 ACSR 6/1	0	0	1082	176	116	14	8	0.02	1.88	2
10790032	10790030	5.04	11 1-	2 ACSR 6/1	0	0	1066	176	43	5	3	0.01	1.89	0
10790033	10790032	5.16	5 1-	2 ACSR 6/1	0	0	1032	175	16	2	1	0.01	1.89	0
10790023	10790033	5.21	1 1-	2 ACSR 6/1	0	0	1021	174	5	0	0	0.00	1.89	0
10790024	10790033	5.20	4 1-	2 ACSR 6/1	0	0	1023	175	11	1	1	0.00	1.90	0
10790025	10790024	5.29	3 1-	2 ACSR 6/1	0	0	1001	174	11	1	1	0.00	1.90	0
10790027	10790025	5.44	3 1-	2 ACSR 6/1	0	0	964	173	11	1	1	0.00	1.90	0
10790028	10790027	5.71	2 1-	2 ACSR 6/1	0	0	905	171	2	0	0	0.00	1.90	0
10790016	10790028	5.77	1 1-	2 ACSR 6/1	0	0	893	170	2	0	0	0.00	1.90	0
10790026	10790028	5.77	1 1-	2 ACSR 6/1	0	0	893	170	0	0	0	0.00	1.90	0
10790015	10790025	5.37	0 1-	2 ACSR 6/1	0	0	981	173	0	0	0	0.00	1.90	0
10790017	10790030	5.03	9 1-	2 ACSR 6/1	0	0	1068	176	73	9	5	0.01	1.89	0
10790031	10790017	5.08	7 1-	2 ACSR 6/1	0	0	1054	175	65	8	5	0.01	1.90	0
10790036	10790031	5.14	6 1-	2 ACSR 6/1	0	0	1039	175	57	7	4	0.01	1.92	0
10780118	10790036	5.18	5 1-	2 ACSR 6/1	0	0	1028	175	49	6	3	0.01	1.92	0
10780120	10780118	5.27	2 1-	2 ACSR 6/1	0	0	1006	174	24	3	2	0.01	1.93	0
10780121	10780120	5.31	1 1-	2 ACSR 6/1	0	0	994	174	10	1	1	0.00	1.93	0
10780111	10780118	5.20	3 1-	2 ACSR 6/1	0	0	1023	175	25	3	2	0.00	1.92	0
10780119	10780111	5.28	2 1-	2 ACSR 6/1	0	0	1002	174	10	1	1	0.00	1.93	0
10780129	10780119	5.33	1 1-	2 ACSR 6/1	0	0	990	174	8	0	1	0.00	1.93	0
10780128	10780129	5.34	0 1-	2 ACSR 6/1	0	0	989	174	0	0	0	0.00	1.93	0
10-78-P248-B	10780128	5.34	0 1-	Open	0	0	989	174	0	0	0	0.00	1.93	0
10790035	10790017	5.09	2 1-	2 ACSR 6/1	0	0	1052	175	8	1	1	0.00	1.89	0
10690052	10680111	4.81	1 1-	2 ACSR 6/1	0	0	1131	177	15	1	1	0.00	1.75	0
10680147	10690051	4.51	0 3-	336 ACSR 18/1	1731	1582	1238	180	0	0	0	0.00	0.85	0
10-68-P033-B	10680147	4.51	0 3-	Open	1731	1582	1238	180	0	0	0	0.00	0.85	0
10680145	10690051	4.51	2 1-	2 ACSR 6/1	0	0	1231	180	13	1	1	0.00	1.52	0
10680144	10680145	4.59	1 1-	2 ACSR 6/1	0	0	1203	179	9	1	1	0.00	1.53	0
10690042	10690041	4.17	1 1-	2 ACSR 6/1	0	0	1308	181	12	1	1	0.00	1.45	0
10690035	10690050	4.01	5 1-	2 ACSR 6/1	0	0	1348	181	17	2	1	0.00	1.39	0
10690036	10690035	4.07	3 1-	2 ACSR 6/1	0	0	1326	181	13	1	1	0.00	1.39	0
10690037	10690036	4.15	3 1-	2 ACSR 6/1	0	0	1293	180	13	1	1	0.00	1.40	0
10690046	10690026	3.89	2 1-	2 ACSR 6/1	0	0	1377	181	15	1	1	0.00	-0.36	0
10690029	10690028	3.55	3 1-	2 ACSR 6/1	0	0	1475	182	19	2	1	0.00	1.38	0
10690027	10690029	3.59	1 1-	2 ACSR 6/1	0	0	1456	182	5	0	0	0.00	1.38	0
10690021	10690032	3.54	4 1-	2 ACSR 6/1	0	0	1468	182	29	3	2	0.01	1.37	0
10690066	10690021	3.58	2 1-	2 ACSR 6/1	0	0	1452	181	15	1	1	0.00	1.37	0
10690020	10690016	3.29	5 1-	2 ACSR 6/1	0	0	1561	183	18	2	1	0.00	1.32	0
10690033	10690020	3.34	2 1-	2 ACSR 6/1	0	0	1531	182	6	0	0	0.00	1.32	0
10690034	10690033	3.39	0 1-	2 ACSR 6/1	0	0	1508	182	0	0	0	0.00	1.32	0
10690065	10690033	3.50	1 1-	2 ACSR 6/1	0	0	1448	181	3	0	0	0.00	1.33	0
11620062	11620019	2.91	6 1-	2 ACSR 6/1	0	0	1691	183	48	6	3	0.01	1.23	0
11620063	11620062	3.11	5 1-	2 ACSR 6/1	0	0	1569	182	44	5	3	0.03	1.26	0
11620081	11620063	3.18	1 1-	2 ACSR 6/1	0	0	1532	181	9	1	1	0.00	1.26	0
11620080	11620063	3.15	3 1-	2 ACSR 6/1	0	0	1547	181	28	3	2	0.00	1.27	0
11620069	11620054	2.34	1 3-	336 ACSR 18/1	2569	2395	1985	185	1	0	0	0.00	0.58	0
11620072	11620069	2.38	1 3-	336 ACSR 18/1	2546	2373	1963	185	1	0	0	0.00	0.58	0
11620073	11620072	2.52	1 3-	336 ACSR 18/1	2474	2302	1894	185	1	0	0	0.00	0.58	0
11620020	11620073	2.54	1 1-	2 ACSR 6/1	0	0	1873	184	1	0	0	0.00	0.72	0
11620076	11620020	2.57	0 1-	2 ACSR 6/1	0	0	1850	184	0	0	0	0.00	0.72	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
11620075	11620020	2.58	1 1-	2 ACSR 6/1	0	0	1846	184	1	0	0	0.00	0.72	0
11720064	11720063	1.58	2 1-	2 ACSR 6/1	0	0	2490	186	6	0	0	0.00	0.80	0
11720067	11820075	1.30	2 1-	2 ACSR 6/1	0	0	2752	187	7	0	1	0.00	0.31	0
11720076	11720067	1.35	1 1-	2 ACSR 6/1	0	0	2670	187	5	0	0	0.00	0.31	0
11720075	11720067	1.34	1 1-	2 ACSR 6/1	0	0	2681	187	2	0	0	0.00	0.31	0
CKT 2 total losses:	\$1,429													
SUB 53, CKT 3														
BK5303	HINKLE(53)	0.00	465 3-	BK5303	5101	5199	5367	190	3746	157	42	0.00	0.00	0
11920010	BK5303	0.51	465 3-	336 ACSR 18/1	4178	4110	3895	189	3746	157	30	0.30	0.43	1135
17-02-P017-B	11920010	0.51	465 3-	Closed	4178	4110	3895	189	3736	157	0	0.00	0.43	0
17-02-P017-A	17-02-P017-B	0.51	465 3-	Closed	4178	4110	3895	189	3736	157	0	0.00	0.43	0
17020005	17-02-P017-A	0.58	465 3-	336 ACSR 18/1	4078	3997	3755	189	3736	157	30	0.04	0.49	152
17020024	17020005	0.73	33 3-	2 ACSR 6/1	3751	3629	3342	188	171	7	4	0.05	0.52	5
D17-02-P019	17020024	0.73	33 3-	REC-70-L	3751	3629	3342	188	171	7	10	0.00	0.52	0
17020027	D17-02-P019	1.79	33 3-	2 ACSR 6/1	2192	1996	1761	180	171	7	4	0.35	0.70	37
16190009	17020027	2.06	11 3-	2 ACSR 6/1	1966	1775	1565	178	98	4	2	0.02	0.73	3
20851997	16190009	2.35	10 3-	2 ACSR 6/1	1759	1577	1390	176	90	3	2	0.01	0.76	3
20851954	20851997	2.40	9 3-	2 ACSR 6/1	1729	1548	1365	175	90	3	2	0.00	0.76	0
20851953	20851954	2.48	7 3-	2 ACSR 6/1	1684	1506	1327	175	76	3	2	0.00	0.77	0
20851955	20851953	2.52	3 3-	2 ACSR 6/1	1661	1484	1309	174	52	2	1	0.00	0.77	0
20851956	20851955	2.55	2 3-	2 ACSR 6/1	1642	1466	1293	174	9	0	0	0.00	0.77	0
20851628	20851956	2.72	1 1-	2 ACSR 6/1	0	0	1219	173	3	0	0	0.00	0.78	0
20851627	20851956	2.59	1 1-	2 ACSR 6/1	0	0	1274	174	6	0	0	0.00	0.78	0
20851629	20851953	2.53	4 1-	2 ACSR 6/1	0	0	1301	174	24	3	2	0.00	0.96	0
16190011	20851629	2.69	2 1-	2 ACSR 6/1	0	0	1232	173	14	1	1	0.01	0.97	0
16290004	16190011	2.70	1 1-	2 ACSR 6/1	0	0	1228	173	6	0	0	0.00	0.97	0
16290003	16190011	2.73	0 1-	2 ACSR 6/1	0	0	1215	173	0	0	0	0.00	0.97	0
20851952	20851954	2.46	1 1-	2 ACSR 6/1	0	0	1336	175	11	1	1	0.00	0.95	0
20851633	16190009	2.16	1 1-	2 ACSR 6/1	0	0	1499	177	7	0	1	0.00	0.76	0
16190010	17020027	1.86	22 1-	2 ACSR 6/1	0	0	1705	179	72	9	5	0.02	0.76	0
D16-19-P021	16190010	1.86	1 1-	REC-50-L	0	0	1705	179	4	0	1	0.00	0.76	0
20851632	D16-19-P021	2.03	1 1-	2 ACSR 6/1	0	0	1582	178	4	0	0	0.00	0.76	0
D16-19-P021A	16190010	1.86	21 1-	REC-50-L	0	0	1705	179	68	8	17	0.00	0.76	0
20851626	D16-19-P021A	1.89	21 1-	2 ACSR 6/1	0	0	1680	179	68	8	5	0.01	0.76	0
20851630	20851626	1.95	20 1-	2 ACSR 6/1	0	0	1639	178	64	8	4	0.01	0.78	0
20851721	20851630	2.00	17 1-	2 ACSR 6/1	0	0	1603	178	57	7	4	0.01	0.79	0
20851722	20851721	2.04	2 1-	2 ACSR 6/1	0	0	1579	178	1	0	0	0.00	0.79	0
16190015	20851721	2.02	13 1-	2 ACSR 6/1	0	0	1591	178	51	6	4	0.00	0.79	0
16190016	16190015	2.04	12 1-	2 ACSR 6/1	0	0	1572	178	48	6	3	0.00	0.79	0
20851723	16190016	2.17	7 1-	2 ACSR 6/1	0	0	1493	177	20	2	1	0.01	0.80	0
20851631	20851723	2.24	4 1-	2 ACSR 6/1	0	0	1452	176	15	1	1	0.00	0.80	0
16190014	20851631	2.29	1 1-	15 KV 2 URD XLP	0	0	1424	409	7	0	1	0.00	0.80	0
20851714	16190016	2.43	4 1-	2 ACSR 6/1	0	0	1352	175	27	3	2	0.03	0.83	0
16190012	20851714	2.71	3 1-	2 ACSR 6/1	0	0	1223	173	21	2	1	0.02	0.84	0
17120006	16190012	2.77	2 1-	2 ACSR 6/1	0	0	1199	173	12	1	1	0.00	0.85	0
17120007	17120006	2.86	1 1-	2 ACSR 6/1	0	0	1163	172	8	1	1	0.00	0.85	0
17020021	17020005	0.76	432 3-	336 ACSR 18/1	3831	3723	3425	189	3564	149	28	0.09	0.64	371
17020022	17020021	0.81	431 3-	336 ACSR 18/1	3764	3649	3339	188	3554	149	28	0.03	0.68	109
17020009	17020022	0.82	430 3-	336 ACSR 18/1	3751	3635	3322	188	3551	149	28	0.01	0.69	22
17-02-P022-B	17020009	0.82	430 3-	Closed	3751	3635	3322	188	3551	149	0	0.00	0.69	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
17020008	17-02-P022-A	0.93	430 3-	336 ACSR 18/1	3623	3496	3161	188	3551	149	28	0.05	0.78	219
CAP132	17020008	0.93	430 3-	Capacitor	0	0	0	0	3549	149	0	0.00	0.78	0
17020030	CAP132	1.12	1 3-	1/0 ACSR 6/1	3321	3172	2823	187	33	1	1	0.00	0.78	0
17020029	CAP132	0.98	429 3-	336 ACSR 18/1	3569	3437	3094	188	3516	150	28	0.03	0.82	99
17020007	17020029	1.03	426 3-	1/0 ACSR 6/1	3483	3345	2998	188	2043	86	37	0.04	0.89	118
17020031	17020007	1.05	425 3-	1/0 ACSR 6/1	3452	3311	2962	188	2035	85	37	0.02	0.92	44
17020015	17020031	1.12	425 3-	1/0 ACSR 6/1	3341	3194	2841	187	2035	85	37	0.05	1.01	159
17120005	17020015	1.23	4 1-	2 ACSR 6/1	0	0	2655	186	20	2	1	0.01	0.67	0
17020032	17120005	1.25	2 1-	1/0 ACSR 6/1	0	0	2627	186	12	1	1	0.00	0.67	0
17020033	17020032	1.27	0 1-	1/0 ACSR 6/1	0	0	2597	186	0	0	0	0.00	0.67	0
17020034	17020033	1.44	0 1-	15 KV 2 URD XLP	0	0	2375	462	0	0	0	0.00	0.67	0
17020012	17120005	1.33	1 1-	2 ACSR 6/1	0	0	2510	186	3	0	0	0.00	0.67	0
17020013	17020012	1.37	0 1-	2 ACSR 6/1	0	0	2444	185	0	0	0	0.00	0.67	0
17120010	17020015	1.30	416 3-	1/0 ACSR 6/1	3101	2940	2587	186	1983	83	36	0.12	1.23	363
17120015	17120010	1.47	408 3-	1/0 ACSR 6/1	2886	2717	2369	185	1944	82	36	0.10	1.45	358
17120016	17120015	1.50	407 3-	1/0 ACSR 6/1	2849	2679	2333	185	1940	82	36	0.02	1.48	65
17120017	17120016	1.79	0 1-	2 ACSR 6/1	0	0	2009	183	0	0	0	0.00	1.75	0
17120020	17120016	1.56	406 3-	1/0 ACSR 6/1	2784	2611	2269	185	1935	81	36	0.03	1.56	121
17120022	17120020	1.60	1 1-	2 ACSR 6/1	0	0	2222	185	9	1	1	0.00	0.93	0
17120021	17120020	1.65	403 3-	1/0 ACSR 6/1	2686	2512	2175	185	1913	81	35	0.05	1.67	186
17120019	17120021	1.70	1 1-	2 ACSR 6/1	0	0	2126	184	2	0	0	0.00	0.98	0
17120018	17120021	1.73	2 1-	2 ACSR 6/1	0	0	2091	184	11	1	1	0.00	0.98	0
17120004	17120021	1.72	400 3-	1/0 ACSR 6/1	2617	2442	2110	184	1898	80	35	0.03	1.75	137
17120023	17120004	2.12	400 3-	1/0 ACSR 6/1	2272	2096	1793	182	1897	80	35	0.20	2.23	799
17120024	17120023	2.71	400 3-	1/0 ACSR 6/1	1886	1719	1458	179	1890	80	35	0.29	2.95	1204
20850058	17120024	2.81	398 3-	1/0 ACSR 6/1	1834	1669	1414	178	1864	79	35	0.05	3.07	195
20850059	20850058	2.89	396 3-	1/0 ACSR 6/1	1796	1632	1381	178	1850	79	35	0.04	3.16	149
20850061	20850059	2.97	393 3-	1/0 ACSR 6/1	1756	1594	1348	178	1831	78	34	0.04	3.26	160
D17-23-P002	20850061	2.97	17 1-	FUS	0	0	1348	178	55	7	162	0.00	3.96	0
17230001	D17-23-P002	3.08	17 1-	2 ACSR 6/1	0	0	1298	177	55	7	4	0.02	3.98	0
20850052	17230001	3.17	1 1-	2 ACSR 6/1	0	0	1262	176	6	0	0	0.00	3.98	0
20850014	17230001	3.17	15 1-	2 ACSR 6/1	0	0	1262	176	43	5	3	0.01	4.00	0
20850015	20850014	3.24	15 1-	2 ACSR 6/1	0	0	1233	176	43	5	3	0.01	4.01	0
20850270	20850015	3.30	13 1-	2 ACSR 6/1	0	0	1207	175	39	5	3	0.01	4.02	0
20850271	20850270	3.70	12 1-	2 ACSR 6/1	0	0	1072	172	31	4	2	0.04	4.06	0
17130011	20850271	3.75	4 1-	2 ACSR 6/1	0	0	1056	172	15	1	1	0.00	4.06	0
17130012	17130011	3.79	2 1-	2 ACSR 6/1	0	0	1044	172	13	1	1	0.00	4.06	0
17130010	20850271	3.75	1 1-	2 ACSR 6/1	0	0	1054	172	2	0	0	0.00	4.06	0
17130009	20850271	3.80	5 1-	2 ACSR 6/1	0	0	1040	172	8	1	1	0.00	4.06	0
17130015	17130009	3.91	3 1-	2 ACSR 6/1	0	0	1010	171	1	0	0	0.00	4.06	0
17130018	17130015	3.96	1 1-	2 ACSR 6/1	0	0	997	171	0	0	0	0.00	4.06	0
17130016	17130015	4.00	1 1-	2 ACSR 6/1	0	0	986	170	0	0	0	0.00	4.06	0
17130019	17130016	4.11	0 1-	2 ACSR 6/1	0	0	957	170	0	0	0	0.00	4.06	0
17130013	17130009	3.90	2 1-	2 ACSR 6/1	0	0	1011	171	7	0	1	0.00	4.06	0
17130014	17130013	3.94	1 1-	2 ACSR 6/1	0	0	1001	171	2	0	0	0.00	4.06	0
20850269	20850015	3.34	1 1-	2 ACSR 6/1	0	0	1192	175	3	0	0	0.00	4.01	0
20850050	20850061	3.08	375 3-	1/0 ACSR 6/1	1708	1548	1308	177	1766	75	33	0.05	3.37	181
20850051	20850050	3.23	374 3-	1/0 ACSR 6/1	1641	1484	1253	176	1760	75	33	0.08	3.55	273
17220027	20850051	3.29	373 3-	1/0 ACSR 6/1	1616	1461	1233	176	1757	75	33	0.03	3.61	105
17220028	17220027	3.49	373 3-	1/0 ACSR 6/1	1539	1388	1170	175	1756	75	33	0.10	3.84	352
17220036	17220028	3.56	373 3-	1/0 ACSR 6/1	1514	1364	1149	175	1753	75	33	0.03	3.92	121
17220037	17220036	3.80	372 3-	1/0 ACSR 6/1	1433	1288	1084	174	1745	75	33	0.12	4.18	420

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
17220039	17220037	3.88	1 1-	2 ACSR 6/1	0	0	1060	173	3	0	0	0.00	2.04	0
17220038	17220037	3.89	1 1-	2 ACSR 6/1	0	0	1056	173	2	0	0	0.00	2.04	0
17220040	17220037	3.99	370 3-	1/0 ACSR 6/1	1375	1233	1037	173	1736	75	33	0.09	4.39	326
17220042	17220040	4.23	1 1-	2 ACSR 6/1	0	0	972	171	4	0	0	0.00	2.14	0
17220041	17220040	4.30	366 3-	1/0 ACSR 6/1	1289	1153	969	171	1725	74	33	0.15	4.73	533
D17-22-P014	17220041	4.30	23 1-	REC-35-H	0	0	969	171	149	19	56	0.00	6.14	0
17220044	D17-22-P014	4.45	23 1-	2 ACSR 6/1	0	0	933	170	149	19	11	0.08	6.22	10
17220032	17220044	4.55	22 1-	2 ACSR 6/1	0	0	909	169	145	19	11	0.06	6.28	7
17220045	17220032	4.67	21 1-	2 ACSR 6/1	0	0	884	168	142	18	10	0.06	6.34	7
17220047	17220045	4.73	18 1-	2 ACSR 6/1	0	0	871	168	118	15	9	0.03	6.36	3
17220048	17220047	4.81	2 1-	2 ACSR 6/1	0	0	855	167	20	2	1	0.00	6.37	0
17220049	17220048	4.86	1 1-	2 ACSR 6/1	0	0	846	167	12	1	1	0.00	6.37	0
17220025	17220049	4.93	1 1-	15 KV 2 URD XLP	0	0	833	354	12	1	1	0.00	6.37	0
17220034	17220047	4.76	15 1-	2 ACSR 6/1	0	0	865	168	89	11	7	0.01	6.37	0
20850057	17220034	4.89	13 1-	2 ACSR 6/1	0	0	840	167	77	10	6	0.04	6.41	2
20850056	20850057	5.02	10 1-	2 ACSR 6/1	0	0	815	166	62	8	5	0.03	6.44	2
17220031	20850056	5.13	9 1-	2 ACSR 6/1	0	0	797	165	54	7	4	0.02	6.46	0
17220017	17220031	5.19	4 1-	2 ACSR 6/1	0	0	787	165	24	3	2	0.00	6.47	0
17220018	17220017	5.25	2 1-	2 ACSR 6/1	0	0	777	165	11	1	1	0.00	6.47	0
17220019	17220018	5.29	1 1-	2 ACSR 6/1	0	0	769	164	7	0	0	0.00	6.47	0
17220021	17220031	5.24	4 1-	2 ACSR 6/1	0	0	779	165	27	3	2	0.01	6.47	0
17220020	17220021	5.39	1 1-	2 ACSR 6/1	0	0	754	164	5	0	0	0.00	6.47	0
17220022	17220021	5.28	2 1-	2 ACSR 6/1	0	0	771	164	10	1	1	0.00	6.47	0
17220023	17220022	5.34	1 1-	2 ACSR 6/1	0	0	763	164	4	0	0	0.00	6.47	0
17220029	20850056	5.06	1 1-	2 ACSR 6/1	0	0	809	166	8	1	1	0.00	6.44	0
17220030	17220029	5.09	0 1-	2 ACSR 6/1	0	0	804	166	0	0	0	0.00	6.44	0
20850055	20850057	4.95	1 1-	2 ACSR 6/1	0	0	829	167	8	1	1	0.00	6.41	0
17220016	17220034	4.86	2 1-	2 ACSR 6/1	0	0	846	167	12	1	1	0.00	6.38	0
17220026	17220016	4.95	2 1-	15 KV 2 URD XLP	0	0	829	354	12	1	1	0.00	6.38	0
17220046	17220045	4.70	2 1-	2 ACSR 6/1	0	0	877	168	21	2	2	0.00	6.34	0
17220033	17220046	4.77	1 1-	2 ACSR 6/1	0	0	863	168	12	1	1	0.00	6.34	0
17220043	17220041	4.33	0 3-	1/0 ACSR 6/1	1281	1146	963	171	0	0	0	0.00	4.73	0
17220024	17220041	4.34	343 3-	4/0 ACSR 6/1	1281	1146	962	171	1571	68	20	0.00	4.75	31
20850272	17220024	4.44	341 3-	4/0 ACSR 6/1	1263	1129	946	171	1556	67	20	0.00	4.80	71
20850273	20850272	4.48	340 3-	4/0 ACSR 6/1	1255	1123	940	171	1554	67	20	0.00	4.83	30
D17-32-P018	20850273	4.48	340 3-	REC-100-4H	1255	1123	940	171	1554	67	68	0.00	4.83	0
17320009	D17-32-P018	4.51	340 3-	4/0 ACSR 6/1	1249	1117	934	170	1554	67	20	0.00	4.84	26
17320014	17320009	4.58	17 3-	2 ACSR 6/1	1227	1096	917	170	185	8	5	0.01	4.85	2
17320015	17320014	4.92	16 3-	2 ACSR 6/1	1134	1008	847	168	112	4	3	0.02	4.90	5
20850485	17320015	5.07	9 1-	2 ACSR 6/1	0	0	820	167	46	6	3	0.02	6.09	0
20850487	20850485	5.11	8 1-	2 ACSR 6/1	0	0	812	166	35	4	3	0.01	6.09	0
20850486	20850487	5.19	4 1-	2 ACSR 6/1	0	0	798	166	22	2	2	0.00	6.10	0
20850462	20850487	5.15	3 1-	2 ACSR 6/1	0	0	806	166	5	0	0	0.00	6.09	0
20850463	20850462	5.16	2 1-	2 ACSR 6/1	0	0	804	166	2	0	0	0.00	6.09	0
17330002	20850462	5.18	1 1-	2 ACSR 6/1	0	0	800	166	3	0	0	0.00	6.09	0
20850482	17320015	5.04	7 3-	2 ACSR 6/1	1105	981	826	167	66	2	2	0.01	4.90	0
20850483	20850482	5.07	6 3-	2 ACSR 6/1	1098	974	820	167	20	0	0	0.00	4.90	0
20850484	20850483	5.13	2 3-	2 ACSR 6/1	1082	960	808	166	4	0	0	0.00	4.90	0
17320006	17320009	4.64	323 3-	4/0 ACSR 6/1	1227	1096	915	170	1369	59	18	0.00	4.90	71
17320007	17320006	4.97	1 3-	15 KV 2 URD XLP	1154	1031	865	359	18	0	0	0.01	4.90	0
20850274	17320007	5.01	1 3-	4/0 ACSR 6/1	1148	1025	859	167	18	0	0	0.00	4.90	0
17320008	17320006	4.70	322 3-	4/0 ACSR 6/1	1216	1087	906	170	1350	58	17	0.00	4.92	35

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
20850481	17320008	4.95	322 3-	15 KV 2 URD XLP	1161	1037	868	361	1350	58	35	0.23	5.31	516
20850290	20850481	5.15	320 3-	15 KV 2 URD XLP	1119	999	839	354	1339	58	35	0.18	5.62	410
20850161	20850290	5.22	320 3-	15 KV 2 URD XLP	1105	986	829	351	1335	58	35	0.06	5.73	139
20850284	20850161	5.44	319 3-	4/0 ACSR 6/1	1076	959	804	165	1332	58	17	0.00	5.82	120
17320016	20850284	5.48	318 3-	4/0 ACSR 6/1	1070	954	798	165	1329	58	17	0.00	5.84	25
17320018	17320016	5.54	1 1-	2 ACSR 6/1	0	0	788	165	2	0	0	0.00	2.77	0
17320017	17320016	5.56	317 3-	4/0 ACSR 6/1	1060	945	790	165	1327	58	17	0.00	5.87	40
20850285	17320017	5.66	315 3-	4/0 ACSR 6/1	1047	933	778	164	1323	58	17	0.00	5.91	58
D17-42-P008	20850285	5.66	11 1-	REC-50-H	0	0	778	164	45	5	12	0.00	2.77	0
20850913	D17-42-P008	5.93	11 1-	2 ACSR 6/1	0	0	736	163	45	5	3	0.04	2.81	1
20850915	20850913	6.10	7 1-	2 ACSR 6/1	0	0	712	162	31	3	2	0.02	2.82	0
20850781	20850915	6.21	3 1-	2 ACSR 6/1	0	0	698	161	16	2	1	0.00	2.83	0
20850782	20850781	6.68	2 1-	2 ACSR 6/1	0	0	639	158	9	1	1	0.02	2.84	0
20850970	20850782	7.32	2 1-	2 ACSR 6/1	0	0	575	154	9	1	1	0.02	2.86	0
20850971	20850970	7.36	1 1-	2 ACSR 6/1	0	0	571	154	7	0	1	0.00	2.86	0
20850780	20850915	6.17	2 1-	2 ACSR 6/1	0	0	702	161	4	0	0	0.00	2.82	0
20850779	20850915	6.14	1 1-	2 ACSR 6/1	0	0	707	161	3	0	0	0.00	2.82	0
20850762	20850779	6.16	1 1-	2 ACSR 6/1	0	0	703	161	3	0	0	0.00	2.82	0
20850914	20850913	5.99	1 1-	2 ACSR 6/1	0	0	727	162	4	0	0	0.00	2.81	0
17420017	20850285	5.74	304 3-	4/0 ACSR 6/1	1038	924	770	164	1277	56	17	-0.01	5.94	39
CAP133	17420017	5.74	304 3-	Capacitor	0	0	0	0	1277	56	0	0.00	5.94	0
17420020	CAP133	5.79	1 3-	4/0 ACSR 6/1	1031	919	765	164	10	0	0	0.00	5.94	0
17420021	17420020	5.82	1 3-	4/0 ACSR 6/1	1027	915	762	164	10	0	0	0.00	5.94	0
20850286	17420021	5.84	1 3-	4/0 ACSR 6/1	1025	912	759	164	10	0	0	0.00	5.94	0
20850287	20850286	5.90	1 3-	4/0 ACSR 6/1	1018	906	753	164	10	0	0	0.00	5.94	0
20850464	17420021	5.88	0 1-	2 ACSR 6/1	0	0	752	164	0	0	0	0.00	2.76	0
20850783	CAP133	5.82	303 3-	4/0 ACSR 6/1	1027	914	761	164	1267	56	17	0.00	5.99	48
20850968	20850783	5.89	299 3-	4/0 ACSR 6/1	1019	908	755	164	1259	55	16	0.00	6.01	32
20850969	20850968	5.98	299 3-	4/0 ACSR 6/1	1008	897	745	163	1259	55	16	0.00	6.06	52
17-42-P001-B	20850969	5.98	299 3-	Closed	1008	897	745	163	1258	55	0	0.00	6.06	0
17-42-P001-A	17-42-P001-B	5.98	299 3-	Closed	1008	897	745	163	1258	55	0	0.00	6.06	0
REG131	17-42-P001-A	5.98	299 3-	REGU-167	1008	897	745	163	1258	55	26	-2.76	0.00	0
17420018	REG131	6.07	299 3-	4/0 ACSR 6/1	998	888	736	163	1258	52	16	0.00	0.04	41
20851969	17420018	6.09	26 3-	4/0 ACSR 6/1	996	886	734	163	83	3	1	0.00	0.04	0
20851998	20851969	6.41	25 3-	4/0 ACSR 6/1	960	854	704	162	81	3	1	0.02	0.05	1
16-49-P007-B	20851998	6.41	25 3-	Closed	960	854	704	162	81	3	0	0.00	0.05	0
16-49-P007-A	16-49-P007-B	6.41	25 3-	Closed	960	854	704	162	81	3	0	0.00	0.05	0
20851967	16-49-P007-A	6.51	25 3-	4/0 ACSR 6/1	950	844	696	162	81	3	1	0.01	0.05	0
20851968	20851967	7.17	24 3-	4/0 ACSR 6/1	886	787	643	160	79	3	1	0.03	0.07	3
20850191	20851968	7.27	23 3-	4/0 ACSR 6/1	877	779	635	160	78	3	1	0.00	0.07	0
20850192	20850191	7.28	23 3-	4/0 ACSR 6/1	876	777	634	160	78	3	1	0.00	0.07	0
20850193	20850192	7.35	20 3-	4/0 ACSR 6/1	870	772	629	159	68	2	1	0.00	0.08	0
20850194	20850193	7.43	18 3-	4/0 ACSR 6/1	863	766	623	159	59	2	1	0.00	0.08	0
20850313	20850194	7.55	1 1-	2 ACSR 6/1	0	0	611	158	5	0	0	0.00	0.07	0
20850195	20850194	7.49	14 3-	4/0 ACSR 6/1	858	761	620	159	40	1	0	0.00	0.08	0
16380017	20850195	7.55	14 3-	4/0 ACSR 6/1	853	757	615	159	40	1	0	0.00	0.08	0
20850278	16380017	7.61	3 1-	2 ACSR 6/1	0	0	609	158	9	1	1	0.00	0.07	0
20850279	20850278	7.71	0 1-	2 ACSR 6/1	0	0	599	158	0	0	0	0.00	0.07	0
20850417	16380017	7.74	1 1-	2 ACSR 6/1	0	0	596	158	2	0	0	0.00	-0.01	0
16380018	16380017	7.81	9 3-	4/0 ACSR 6/1	831	737	598	158	27	1	0	0.00	0.08	0
20850230	16380018	7.87	8 3-	4/0 ACSR 6/1	827	733	594	158	26	1	0	0.00	0.08	0
20850231	20850230	7.92	6 3-	4/0 ACSR 6/1	822	729	591	158	14	0	0	0.00	0.08	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850232	20850231	7.98	5 3-	4/0 ACSR 6/1	818	725	587	158	11	0	0	0.00	0.08	0
20850233	20850232	8.09	3 3-	4/0 ACSR 6/1	809	718	580	157	7	0	0	0.00	0.08	0
20850234	20850233	8.21	2 3-	4/0 ACSR 6/1	801	710	573	157	7	0	0	0.00	0.08	0
20850189	20850234	8.28	1 3-	4/0 ACSR 6/1	795	705	569	157	2	0	0	0.00	0.08	0
16380019	20850189	8.38	1 1-	2 ACSR 6/1	0	0	561	156	2	0	0	0.00	0.19	0
16380020	16380019	8.72	1 1-	2 ACSR 6/1	0	0	533	154	2	0	0	0.00	0.19	0
20850190	16380020	8.73	0 1-	2 ACSR 6/1	0	0	532	154	0	0	0	0.00	0.19	0
16-38-P002-B	20850190	8.73	0 1-	Open	0	0	532	154	0	0	0	0.00	0.19	0
16380012	20850189	8.33	0 3-	4/0 ACSR 6/1	792	702	566	157	0	0	0	0.00	0.08	0
16-38-P042-B	16380012	8.33	0 3-	Open	792	702	566	157	0	0	0	0.00	0.08	0
20850229	16380018	7.89	1 1-	2 ACSR 6/1	0	0	590	158	1	0	0	0.00	0.18	0
20852053	17420018	6.15	273 3-	1/0 ACSR 6/1	986	877	727	163	1175	49	22	0.02	0.10	62
20850465	20852053	6.21	2 1-	2 ACSR 6/1	0	0	718	162	3	0	0	0.00	0.12	0
20850466	20850465	6.26	1 1-	2 ACSR 6/1	0	0	711	162	1	0	0	0.00	0.12	0
20850467	20852053	6.23	269 3-	1/0 ACSR 6/1	973	865	718	162	1170	49	21	0.02	0.16	69
20850468	20850467	6.35	268 3-	1/0 ACSR 6/1	955	849	704	162	1168	49	21	0.02	0.25	97
20850470	20850468	6.58	261 3-	1/0 ACSR 6/1	922	819	679	161	1143	48	21	0.05	0.43	186
20850829	20850470	6.72	255 3-	1/0 ACSR 6/1	905	803	666	160	1132	47	21	0.03	0.53	102
20850830	20850829	6.78	49 1-	2 ACSR 6/1	0	0	658	160	187	23	13	0.04	0.94	6
D17-42-P044	20850830	6.78	49 1-	REC-35-H	0	0	658	160	187	23	68	0.00	0.94	0
17420016	D17-42-P044	6.86	49 1-	2 ACSR 6/1	0	0	649	159	187	23	13	0.06	0.99	8
17420022	17420016	6.95	1 1-	2 ACSR 6/1	0	0	638	159	3	0	0	0.00	0.99	0
20850831	17420016	6.92	1 1-	2 ACSR 6/1	0	0	642	159	3	0	0	0.00	0.99	0
17420019	17420016	6.96	47 1-	2 ACSR 6/1	0	0	638	159	180	22	13	0.06	1.06	9
20850972	17420019	6.97	4 1-	2 ACSR 6/1	0	0	637	159	7	0	0	0.00	1.06	0
20850952	20850972	7.06	3 1-	2 ACSR 6/1	0	0	627	158	4	0	0	0.00	1.06	0
17520006	17420019	7.04	43 1-	2 ACSR 6/1	0	0	629	158	174	22	12	0.05	1.11	8
20851023	17520006	7.09	1 1-	2 ACSR 6/1	0	0	623	158	4	0	0	0.00	1.11	0
17520005	17520006	7.14	42 1-	2 ACSR 6/1	0	0	618	158	170	21	12	0.06	1.17	8
20851025	17520005	7.24	41 1-	2 ACSR 6/1	0	0	608	157	160	20	11	0.06	1.23	7
20851027	20851025	7.31	38 1-	2 ACSR 6/1	0	0	601	157	159	20	11	0.03	1.26	4
20851028	20851027	7.48	35 1-	2 ACSR 6/1	0	0	585	156	142	18	10	0.09	1.35	10
20851029	20851028	7.70	35 1-	2 ACSR 6/1	0	0	565	154	141	18	10	0.11	1.47	12
20851030	20851029	7.80	34 1-	2 ACSR 6/1	0	0	557	154	141	17	10	0.05	1.51	5
20851209	20851030	7.84	4 1-	2 ACSR 6/1	0	0	552	153	12	1	1	0.00	1.51	0
20851210	20851209	7.90	1 1-	2 ACSR 6/1	0	0	548	153	5	0	0	0.00	1.52	0
20851031	20851030	7.82	29 1-	2 ACSR 6/1	0	0	554	154	125	15	9	0.01	1.53	1
20851215	20851031	7.98	29 1-	2 ACSR 6/1	0	0	541	153	125	15	9	0.07	1.59	6
17530017	20851215	8.03	28 1-	2 ACSR 6/1	0	0	537	152	112	14	8	0.02	1.61	2
17530018	17530017	8.08	2 1-	2 ACSR 6/1	0	0	533	152	8	1	1	0.00	1.61	0
17530011	17530017	8.12	26 1-	2 ACSR 6/1	0	0	531	152	103	13	7	0.03	1.64	3
17530013	17530011	8.20	25 1-	2 ACSR 6/1	0	0	524	151	100	12	7	0.03	1.68	3
17530015	17530013	8.31	24 1-	2 ACSR 6/1	0	0	516	151	98	12	7	0.03	1.71	3
17530016	17530015	8.48	22 1-	2 ACSR 6/1	0	0	503	150	90	11	6	0.06	1.77	4
17530019	17530016	8.53	21 1-	2 ACSR 6/1	0	0	500	149	87	11	6	0.01	1.78	0
17530021	17530019	8.61	18 1-	2 ACSR 6/1	0	0	495	149	79	10	6	0.02	1.80	1
17530020	17530021	8.71	1 1-	2 ACSR 6/1	0	0	488	148	8	0	1	0.00	1.81	0
20851318	17530021	8.67	11 1-	2 ACSR 6/1	0	0	491	149	56	7	4	0.01	1.82	0
17530023	20851318	8.70	2 1-	2 ACSR 6/1	0	0	489	149	4	0	0	0.00	1.82	0
20851212	20851318	8.71	2 1-	2 ACSR 6/1	0	0	488	148	17	2	1	0.00	1.82	0
20851211	20851318	8.77	6 1-	2 ACSR 6/1	0	0	484	148	29	3	2	0.01	1.83	0
20851213	20851211	8.83	1 1-	2 ACSR 6/1	0	0	480	148	2	0	0	0.00	1.83	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851214	20851213	8.86	1 1-	2 ACSR 6/1	0	0	478	148	2	0	0	0.00	1.83	0
20851320	20851211	8.87	5 1-	2 ACSR 6/1	0	0	478	148	27	3	2	0.01	1.83	0
20851321	20851320	8.91	4 1-	2 ACSR 6/1	0	0	475	147	22	2	2	0.00	1.84	0
20851294	20851321	8.96	3 1-	2 ACSR 6/1	0	0	472	147	17	2	1	0.00	1.84	0
20851889	20851294	9.01	1 1-	2 ACSR 6/1	0	0	469	147	3	0	0	0.00	1.84	0
20851890	20851889	9.07	0 1-	2 ACSR 6/1	0	0	465	146	0	0	0	0.00	1.84	0
20851299	20851294	9.04	1 1-	2 ACSR 6/1	0	0	467	147	11	1	1	0.00	1.84	0
17530010	20851211	8.80	0 1-	2 ACSR 6/1	0	0	482	148	0	0	0	0.00	1.83	0
17530014	17530013	8.26	1 1-	2 ACSR 6/1	0	0	520	151	3	0	0	0.00	1.68	0
17530012	17530011	8.17	0 1-	2 ACSR 6/1	0	0	527	152	0	0	0	0.00	1.64	0
20851026	20851025	7.34	1 1-	2 ACSR 6/1	0	0	598	156	0	0	0	0.00	1.23	0
20851024	17520005	7.20	1 1-	2 ACSR 6/1	0	0	612	157	9	1	1	0.00	1.17	0
20850828	20850829	7.14	205 3-	1/0 ACSR 6/1	852	755	627	158	939	39	17	0.17	0.79	199
20850434	20850828	7.23	204 3-	1/0 ACSR 6/1	842	746	619	158	935	39	17	0.04	0.85	41
20851965	20850434	7.49	8 1-	2 ACSR 6/1	0	0	593	156	43	5	3	0.04	0.92	1
20851964	20851965	7.56	0 1-	2 ACSR 6/1	0	0	586	156	0	0	0	0.00	0.92	0
20851942	20851965	7.59	7 1-	2 ACSR 6/1	0	0	583	156	41	5	3	0.01	0.93	0
20851943	20851942	7.67	5 1-	2 ACSR 6/1	0	0	576	155	23	2	2	0.01	0.94	0
20851944	20851943	7.72	3 1-	2 ACSR 6/1	0	0	572	155	17	2	1	0.00	0.94	0
20851945	20851944	7.77	2 1-	2 ACSR 6/1	0	0	567	155	11	1	1	0.00	0.94	0
20851966	20851945	7.81	1 1-	2 ACSR 6/1	0	0	564	155	6	0	0	0.00	0.94	0
20850435	20850434	7.52	196 3-	1/0 ACSR 6/1	810	716	595	157	891	37	16	0.11	1.02	126
20850436	20850435	7.65	195 3-	1/0 ACSR 6/1	797	704	585	156	880	37	16	0.05	1.09	54
20850437	20850436	7.71	194 3-	1/0 ACSR 6/1	791	699	581	156	879	37	16	0.02	1.13	26
D16-59-P070	20850437	7.71	190 3-	REC-50-H	791	699	581	156	861	36	73	0.00	1.13	0
16590007	D16-59-P070	7.77	190 3-	1/0 ACSR 6/1	785	694	576	156	861	36	16	0.02	1.16	25
D16-59-P040	16590007	7.77	36 1-	REC-35-H	0	0	576	156	127	16	47	0.00	1.77	0
20850426	D16-59-P040	8.06	36 1-	2 ACSR 6/1	0	0	552	154	127	16	9	0.13	1.90	13
20850427	20850426	8.11	35 1-	2 ACSR 6/1	0	0	547	154	123	15	9	0.02	1.92	2
20850639	20850427	8.38	33 1-	2 ACSR 6/1	0	0	526	152	118	15	8	0.11	2.04	10
16590009	20850639	8.52	32 1-	2 ACSR 6/1	0	0	516	151	108	13	8	0.05	2.09	5
16590010	16590009	8.80	32 1-	2 ACSR 6/1	0	0	495	150	108	13	8	0.11	2.20	9
20850255	16590010	8.87	31 1-	2 ACSR 6/1	0	0	491	149	101	12	7	0.02	2.22	2
20850258	20850255	8.94	1 1-	2 ACSR 6/1	0	0	487	149	2	0	0	0.00	2.22	0
20850280	20850258	8.95	1 1-	2 ACSR 6/1	0	0	486	149	2	0	0	0.00	2.22	0
20850257	20850255	8.92	2 1-	2 ACSR 6/1	0	0	487	149	7	0	0	0.00	2.22	0
20850256	20850255	9.06	27 1-	2 ACSR 6/1	0	0	479	148	90	11	6	0.06	2.29	4
D16-58-P011	20850256	9.06	5 1-	FUS	0	0	479	148	12	1	35	0.00	2.29	0
20850477	D16-58-P011	9.35	5 1-	2 ACSR 6/1	0	0	461	147	12	1	1	0.01	2.30	0
16580007	20850477	9.63	4 1-	2 ACSR 6/1	0	0	445	145	8	1	1	0.01	2.31	0
16580008	16580007	9.74	4 1-	2 ACSR 6/1	0	0	439	145	8	1	1	0.00	2.31	0
20850478	16580008	9.96	2 1-	2 ACSR 6/1	0	0	428	143	0	0	0	0.00	2.31	0
20850479	20850478	10.03	1 1-	2 ACSR 6/1	0	0	424	143	0	0	0	0.00	2.31	0
20850480	20850479	10.12	1 1-	2 ACSR 6/1	0	0	420	143	0	0	0	0.00	2.31	0
16580006	20850480	10.20	1 1-	2 ACSR 6/1	0	0	416	142	0	0	0	0.00	2.31	0
20850432	20850478	10.02	1 1-	2 ACSR 6/1	0	0	425	143	0	0	0	0.00	2.31	0
16580004	20850256	9.54	22 1-	2 ACSR 6/1	0	0	450	146	78	9	6	0.13	2.42	8
16580003	16580004	9.68	21 1-	2 ACSR 6/1	0	0	442	145	74	9	5	0.04	2.46	2
16680015	16580003	9.76	5 1-	2 ACSR 6/1	0	0	438	144	22	2	2	0.01	2.47	0
16680016	16680015	9.83	4 1-	2 ACSR 6/1	0	0	434	144	16	2	1	0.00	2.47	0
D16-68-P010	16680016	9.83	4 1-	SEC-35-GH	0	0	434	144	16	2	0	0.00	2.47	0
16680013	D16-68-P010	10.13	4 1-	2 ACSR 6/1	0	0	419	142	16	2	1	0.02	2.49	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16680017	16680013	10.25	2 1-	2 ACSR 6/1	0	0	414	142	8	1	1	0.00	2.49	0
16680019	16680017	10.29	1 1-	2 ACSR 6/1	0	0	412	142	4	0	0	0.00	2.49	0
16680012	16680013	10.26	2 1-	2 ACSR 6/1	0	0	413	142	8	1	1	0.00	2.49	0
16680018	16680012	10.71	2 2-	2 ACSR 6/1	0	0	393	140	8	1	1	0.01	2.50	0
16670001	16680018	11.00	1 1-	2 ACSR 6/1	0	0	381	138	2	0	0	0.00	2.50	0
16680020	16680012	10.31	0 1-	2 ACSR 6/1	0	0	411	142	0	0	0	0.00	2.49	0
16680008	16580003	9.78	16 1-	2 ACSR 6/1	0	0	437	144	52	6	4	0.02	2.48	0
D16-68-P015A	16680008	9.78	15 1-	SEC-25-GH	0	0	437	144	45	5	0	0.00	2.48	0
16680014	D16-68-P015A	9.87	15 1-	2 ACSR 6/1	0	0	433	144	45	5	3	0.01	2.49	0
16680022	16680014	9.89	2 1-	2 ACSR 6/1	0	0	431	144	10	1	1	0.00	2.49	0
16680009	16680014	9.95	13 1-	2 ACSR 6/1	0	0	428	143	35	4	2	0.01	2.51	0
16680023	16680009	10.06	1 1-	2 ACSR 6/1	0	0	423	143	3	0	0	0.00	2.51	0
16680010	16680009	10.12	12 1-	2 ACSR 6/1	0	0	420	143	31	4	2	0.02	2.52	0
16680024	16680010	10.30	1 1-	2 ACSR 6/1	0	0	411	142	0	0	0	0.00	2.52	0
16680011	16680010	10.33	11 1-	2 ACSR 6/1	0	0	410	141	31	3	2	0.02	2.55	0
16680026	16680011	10.43	10 1-	2 ACSR 6/1	0	0	405	141	28	3	2	0.01	2.56	0
16690025	16680026	10.59	8 1-	2 ACSR 6/1	0	0	398	140	20	2	1	0.01	2.57	0
20851334	16690025	10.78	7 1-	2 ACSR 6/1	0	0	390	139	16	2	1	0.01	2.58	0
20851335	20851334	10.84	6 1-	2 ACSR 6/1	0	0	388	139	12	1	1	0.00	2.58	0
16790006	20851335	10.90	5 1-	2 ACSR 6/1	0	0	385	139	8	1	1	0.00	2.58	0
16790007	16790006	10.93	4 1-	2 ACSR 6/1	0	0	384	138	6	0	0	0.00	2.58	0
20851476	16790007	11.48	3 1-	2 ACSR 6/1	0	0	362	136	6	0	0	0.01	2.59	0
20851475	20851476	11.56	3 1-	2 ACSR 6/1	0	0	360	135	6	0	0	0.00	2.59	0
D16-78-P008	20851475	11.56	1 1-	FUS	0	0	360	135	1	0	3	0.00	2.59	0
16780001	D16-78-P008	12.00	1 1-	2 ACSR 6/1	0	0	344	133	1	0	0	0.00	2.60	0
20851333	16780001	12.06	0 1-	2 ACSR 6/1	0	0	342	133	0	0	0	0.00	2.60	0
20851336	20851335	10.88	1 1-	2 ACSR 6/1	0	0	386	139	4	0	0	0.00	2.58	0
16680025	16680011	10.46	1 1-	2 ACSR 6/1	0	0	404	141	3	0	0	0.00	2.55	0
16680021	16680008	9.86	1 1-	2 ACSR 6/1	0	0	433	144	7	0	1	0.00	2.48	0
20850433	16580004	9.58	1 1-	2 ACSR 6/1	0	0	448	145	4	0	0	0.00	2.42	0
16590005	16590007	8.03	154 3-	1/0 ACSR 6/1	760	671	558	155	733	31	14	0.13	1.29	72
20850693	16590005	8.08	9 1-	2 ACSR 6/1	0	0	553	154	58	7	4	0.01	1.93	0
20850694	20850693	8.12	8 1-	2 ACSR 6/1	0	0	550	154	46	5	3	0.01	1.93	0
20850644	20850694	8.21	2 1-	2 ACSR 6/1	0	0	543	154	12	1	1	0.00	1.93	0
20850643	20850694	8.28	1 1-	2 ACSR 6/1	0	0	537	153	1	0	0	0.00	1.93	0
20850642	20850694	8.16	1 1-	2 ACSR 6/1	0	0	547	154	7	0	1	0.00	1.93	0
20850641	20850694	8.17	1 1-	2 ACSR 6/1	0	0	546	154	10	1	1	0.00	1.93	0
20850640	20850694	8.20	1 1-	2 ACSR 6/1	0	0	543	154	3	0	0	0.00	1.93	0
20850692	20850694	8.18	1 1-	2 ACSR 6/1	0	0	545	154	7	0	0	0.00	1.93	0
16590008	16590005	8.18	145 3-	1/0 ACSR 6/1	746	659	548	154	674	28	12	0.08	1.35	36
20850662	16590008	8.27	1 1-	2 ACSR 6/1	0	0	540	153	13	1	1	0.00	0.77	0
16590006	16590008	8.45	144 3-	1/0 ACSR 6/1	723	638	530	153	661	28	12	0.14	1.47	61
16690020	16590006	8.49	142 3-	1/0 ACSR 6/1	720	635	528	153	652	27	12	0.02	1.49	9
16690021	16690020	8.78	140 3-	1/0 ACSR 6/1	696	614	510	151	651	27	12	0.15	1.62	65
16690016	16690021	8.81	1 1-	2 ACSR 6/1	0	0	508	151	6	0	0	0.00	1.07	0
16690015	16690021	8.82	1 1-	2 ACSR 6/1	0	0	507	151	3	0	0	0.00	2.22	0
16690013	16690021	8.88	138 3-	1/0 ACSR 6/1	689	607	505	151	642	27	12	0.05	1.66	20
16690017	16690013	8.92	4 1-	2 ACSR 6/1	0	0	502	151	19	2	1	0.00	2.26	0
16690018	16690017	8.96	3 1-	2 ACSR 6/1	0	0	499	151	14	1	1	0.00	2.26	0
16690008	16690013	9.00	134 3-	1/0 ACSR 6/1	680	599	498	151	622	26	12	0.06	1.71	26
16690022	16690008	9.06	1 1-	2 ACSR 6/1	0	0	494	150	11	1	1	0.00	2.30	0
16690009	16690008	9.05	1 1-	2 ACSR 6/1	0	0	495	150	5	0	0	0.00	1.18	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16690019	16690009	9.17	1 1-	2 ACSR 6/1	0	0	487	150	5	0	0	0.00	1.18	0
16690010	16690009	9.19	0 1-	2 ACSR 6/1	0	0	486	150	0	0	0	0.00	1.18	0
16690024	16690010	9.25	0 1-	2 ACSR 6/1	0	0	482	149	0	0	0	0.00	1.18	0
16690023	16690010	9.23	0 1-	2 ACSR 6/1	0	0	483	149	0	0	0	0.00	1.18	0
16690011	16690008	9.09	132 3-	1/0 ACSR 6/1	673	593	493	150	607	25	11	0.05	1.75	18
16690026	16690011	9.19	132 3-	1/0 ACSR 6/1	666	586	488	150	607	25	11	0.05	1.78	19
17620035	16690026	9.30	132 3-	1/0 ACSR 6/1	658	579	482	149	606	25	11	0.06	1.83	22
17620020	17620035	9.35	131 3-	1/0 ACSR 6/1	654	576	479	149	601	25	11	0.03	1.85	10
17620021	17620020	9.40	129 3-	1/0 ACSR 6/1	651	573	477	149	597	25	11	0.02	1.87	9
17620024	17620021	9.47	126 3-	1/0 ACSR 6/1	646	569	473	149	578	24	11	0.04	1.90	13
D17-62-P072	17620024	9.47	7 1-	FUS 0	0	0	473	149	40	5	118	0.00	2.45	0
17620026	D17-62-P072	9.53	7 1-	2 ACSR 6/1	0	0	470	148	40	5	3	0.01	2.45	0
17620027	17620026	9.62	6 1-	2 ACSR 6/1	0	0	465	148	29	3	2	0.01	2.46	0
17620028	17620027	9.71	6 1-	2 ACSR 6/1	0	0	459	147	29	3	2	0.01	2.47	0
17620029	17620028	9.74	4 1-	2 ACSR 6/1	0	0	457	147	21	2	1	0.00	2.47	0
17620030	17620029	9.78	2 1-	2 ACSR 6/1	0	0	455	147	8	0	1	0.00	2.47	0
20851216	17620030	9.85	1 1-	2 ACSR 6/1	0	0	451	147	5	0	0	0.00	2.47	0
20851133	20851216	10.00	0 1-	2 ACSR 6/1	0	0	443	146	0	0	0	0.00	2.47	0
17620019	20851133	10.07	0 1-	2 ACSR 6/1	0	0	439	145	0	0	0	0.00	2.47	0
17620018	20851133	10.04	0 1-	2 ACSR 6/1	0	0	441	146	0	0	0	0.00	2.47	0
17620025	17620024	9.57	118 3-	1/0 ACSR 6/1	640	563	468	148	529	22	10	0.05	1.93	15
17620072	17620025	9.64	115 3-	1/0 ACSR 6/1	636	559	465	148	515	21	10	0.04	1.95	11
17620073	17620072	9.70	114 3-	1/0 ACSR 6/1	631	555	462	148	509	21	9	0.04	1.98	10
17620074	17620073	9.79	113 3-	1/0 ACSR 6/1	626	550	458	147	503	21	9	0.05	2.00	13
17620033	17620074	9.81	112 3-	1/0 ACSR 6/1	624	549	457	147	495	21	9	0.02	2.01	4
17620034	17620033	9.87	111 3-	1/0 ACSR 6/1	621	546	454	147	487	20	9	0.03	2.03	7
17620075	17620034	9.93	110 3-	1/0 ACSR 6/1	617	542	451	147	475	20	9	0.03	2.05	9
17620079	17620075	9.99	109 3-	1/0 ACSR 6/1	614	539	449	147	472	20	9	0.03	2.07	8
17620080	17620079	10.01	2 1-	2 ACSR 6/1	0	0	448	147	10	1	1	0.00	1.70	0
17620076	17620079	10.02	107 3-	1/0 ACSR 6/1	612	538	448	147	461	19	9	0.01	2.08	3
17620077	17620076	10.05	106 3-	1/0 ACSR 6/1	610	536	446	146	451	19	8	0.01	2.09	3
17620085	17620077	10.10	4 1-	2 ACSR 6/1	0	0	444	146	17	2	1	0.00	2.54	0
17620086	17620085	10.16	3 1-	2 ACSR 6/1	0	0	440	146	9	1	1	0.00	2.55	0
17620087	17620086	10.20	2 1-	2 ACSR 6/1	0	0	438	146	8	0	1	0.00	2.55	0
17620078	17620077	10.11	101 3-	1/0 ACSR 6/1	606	533	444	146	432	18	8	0.03	2.10	7
17620082	17620078	10.21	98 3-	1/0 ACSR 6/1	600	527	439	146	425	18	8	0.05	2.13	12
17620088	17620082	10.27	29 1-	2 ACSR 6/1	0	0	436	145	122	15	9	0.02	1.84	2
17620090	17620088	10.31	1 1-	2 ACSR 6/1	0	0	434	145	7	0	1	0.00	1.84	0
17620089	17620088	10.35	27 1-	2 ACSR 6/1	0	0	432	145	105	13	7	0.03	1.87	2
17620092	17620089	10.39	1 1-	2 ACSR 6/1	0	0	430	145	1	0	0	0.00	1.87	0
17620091	17620089	10.41	1 1-	2 ACSR 6/1	0	0	429	145	5	0	0	0.00	1.87	0
17620069	17620089	10.43	23 1-	2 ACSR 6/1	0	0	428	145	98	12	7	0.03	1.89	2
17630035	17620069	10.51	20 1-	2 ACSR 6/1	0	0	424	144	93	11	7	0.03	1.92	2
17630036	17630035	10.59	18 1-	2 ACSR 6/1	0	0	420	144	80	10	6	0.02	1.94	1
17630038	17630036	10.64	2 1-	2 ACSR 6/1	0	0	417	143	11	1	1	0.00	1.95	0
17630039	17630038	10.70	1 1-	2 ACSR 6/1	0	0	415	143	8	1	1	0.00	1.95	0
17630037	17630036	10.69	14 1-	2 ACSR 6/1	0	0	415	143	64	8	5	0.02	1.97	1
17630046	17630037	10.93	11 1-	2 ACSR 6/1	0	0	404	142	57	7	4	0.04	2.01	2
17630047	17630046	10.98	8 1-	2 ACSR 6/1	0	0	402	142	36	4	3	0.01	2.02	0
17630042	17630047	11.02	7 1-	2 ACSR 6/1	0	0	400	141	28	3	2	0.00	2.02	0
17630043	17630042	11.09	4 1-	2 ACSR 6/1	0	0	397	141	16	2	1	0.00	2.02	0
17630044	17630043	11.21	3 1-	2 ACSR 6/1	0	0	392	141	6	0	0	0.00	2.02	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
17630045	17630044	11.31	2 1-	2 ACSR 6/1	0	0	388	140	3	0	0	0.00	2.02	0
17630034	17630045	11.42	0 1-	2 ACSR 6/1	0	0	383	139	0	0	0	0.00	2.02	0
17630009	17630046	10.95	1 1-	2 ACSR 6/1	0	0	403	142	6	0	0	0.00	2.01	0
17630010	17630009	10.99	1 1-	2 ACSR 6/1	0	0	401	142	6	0	0	0.00	2.01	0
17630041	17630037	10.75	3 1-	2 ACSR 6/1	0	0	412	143	7	0	0	0.00	1.97	0
17620083	17620082	10.28	69 3-	1/0 ACSR 6/1	596	524	436	145	303	12	6	0.01	2.15	4
17620084	17620083	10.61	68 3-	1/0 ACSR 6/1	578	508	423	144	300	12	6	0.06	2.21	17
17720003	17620084	10.85	65 3-	1/0 ACSR 6/1	566	496	413	143	284	12	5	0.04	2.26	12
17720004	17720003	11.08	65 3-	1/0 ACSR 6/1	554	486	405	142	283	12	5	0.04	2.30	11
17730043	17720004	11.15	56 3-	1/0 ACSR 6/1	551	483	402	142	238	10	4	0.01	2.31	3
17730044	17730043	11.22	54 3-	1/0 ACSR 6/1	547	480	400	142	222	9	4	0.01	2.32	3
20852014	17730044	11.25	35 1-	2 ACSR 6/1	0	0	398	142	147	18	10	0.02	2.37	2
20852319	20852014	11.29	4 1-	2 ACSR 6/1	0	0	397	142	21	2	2	0.00	2.38	0
17720002	20852014	11.29	31 1-	2 ACSR 6/1	0	0	397	142	126	16	9	0.02	2.39	2
20852202	17720002	11.36	28 1-	2 ACSR 6/1	0	0	394	141	115	14	8	0.03	2.42	3
17720005	20852202	11.49	27 1-	2 ACSR 6/1	0	0	388	141	112	14	8	0.06	2.48	5
17820001	17720005	12.33	27 1-	2 ACSR 6/1	0	0	356	136	112	14	8	0.34	2.82	31
20852218	17820001	12.39	25 1-	2 ACSR 6/1	0	0	354	136	104	13	7	0.02	2.84	2
20852219	20852218	12.48	24 1-	2 ACSR 6/1	0	0	351	136	104	13	7	0.03	2.87	3
20852220	20852219	12.55	4 1-	2 ACSR 6/1	0	0	349	135	12	1	1	0.00	2.88	0
17920002	20852219	12.56	20 1-	2 ACSR 6/1	0	0	348	135	92	11	7	0.03	2.90	2
17920003	17920002	12.62	8 1-	2 ACSR 6/1	0	0	346	135	33	4	2	0.01	2.91	0
17920004	17920003	12.67	6 1-	2 ACSR 6/1	0	0	345	135	19	2	1	0.00	2.91	0
17920014	17920004	12.71	5 1-	2 ACSR 6/1	0	0	344	135	19	2	1	0.00	2.91	0
17920005	17920014	12.75	3 1-	2 ACSR 6/1	0	0	342	134	13	1	1	0.00	2.91	0
17920006	17920005	12.80	2 1-	2 ACSR 6/1	0	0	340	134	7	0	1	0.00	2.92	0
17920007	17920002	12.64	12 1-	2 ACSR 6/1	0	0	346	135	59	7	4	0.02	2.92	0
17920011	17920007	12.75	6 1-	2 ACSR 6/1	0	0	342	134	31	4	2	0.01	2.93	0
17920012	17920011	12.91	2 1-	2 ACSR 6/1	0	0	337	134	15	1	1	0.00	2.93	0
17920009	17920007	12.68	3 1-	2 ACSR 6/1	0	0	345	135	15	1	1	0.00	2.92	0
17920010	17920009	12.70	3 1-	2 ACSR 6/1	0	0	344	135	15	1	1	0.00	2.92	0
17920013	17920010	12.75	1 1-	2 ACSR 6/1	0	0	342	134	7	0	1	0.00	2.92	0
17920008	17920007	12.73	2 1-	2 ACSR 6/1	0	0	343	134	4	0	0	0.00	2.92	0
20852217	17820001	12.36	2 1-	2 ACSR 6/1	0	0	355	136	7	0	1	0.00	2.82	0
20852015	17730044	11.26	6 1-	2 ACSR 6/1	0	0	398	142	28	3	2	0.00	2.63	0
20852016	20852015	11.29	5 1-	2 ACSR 6/1	0	0	397	142	20	2	1	0.00	2.63	0
20852017	17730044	11.30	11 1-	2 ACSR 6/1	0	0	396	142	40	5	3	0.01	2.00	0
20852201	20852017	11.33	9 1-	2 ACSR 6/1	0	0	395	141	30	3	2	0.00	2.00	0
20852215	20852201	11.38	7 1-	2 ACSR 6/1	0	0	393	141	26	3	2	0.00	2.00	0
20852216	20852215	11.44	5 1-	2 ACSR 6/1	0	0	391	141	16	2	1	0.00	2.01	0
20852250	20852216	11.51	4 1-	2 ACSR 6/1	0	0	387	140	10	1	1	0.00	2.01	0
20852210	20852250	11.59	2 1-	2 ACSR 6/1	0	0	384	140	3	0	0	0.00	2.01	0
20852211	20852210	11.66	2 1-	2 ACSR 6/1	0	0	382	140	3	0	0	0.00	2.01	0
20852212	20852211	11.74	2 1-	2 ACSR 6/1	0	0	378	139	3	0	0	0.00	2.01	0
20852213	20852212	11.84	0 1-	2 ACSR 6/1	0	0	374	139	0	0	0	0.00	2.01	0
17830002	20852210	11.79	0 1-	2 ACSR 6/1	0	0	376	139	0	0	0	0.00	2.01	0
20852200	20852017	11.34	1 1-	2 ACSR 6/1	0	0	394	141	9	1	1	0.00	2.00	0
17720028	17720004	11.19	9 1-	2 ACSR 6/1	0	0	400	142	45	5	3	0.02	2.65	0
20851976	17720028	11.22	5 1-	2 ACSR 6/1	0	0	398	142	20	2	1	0.00	2.65	0
20851977	20851976	11.26	3 1-	2 ACSR 6/1	0	0	397	142	10	1	1	0.00	2.65	0
20852214	20851977	11.39	2 1-	2 ACSR 6/1	0	0	391	141	8	0	1	0.00	2.65	0
17720033	17720028	11.24	3 1-	2 ACSR 6/1	0	0	398	142	21	2	1	0.00	2.65	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
17730035	17720033	11.28	2 1-	2 ACSR 6/1	0	0	396	141	15	1	1	0.00	2.65	0
17720032	17620084	10.62	3 1-	2 ACSR 6/1	0	0	422	144	16	2	1	0.00	1.89	0
17620042	17720032	10.67	2 1-	2 ACSR 6/1	0	0	420	144	15	1	1	0.00	1.89	0
17620071	17620025	9.60	3 1-	2 ACSR 6/1	0	0	467	148	13	1	1	0.00	2.46	0
17620023	17620021	9.43	3 1-	2 ACSR 6/1	0	0	475	149	20	2	1	0.00	2.43	0
17620022	17620021	9.43	0 1-	2 ACSR 6/1	0	0	475	149	0	0	0	0.00	1.38	0
16690012	16690021	8.80	0 1-	2 ACSR 6/1	0	0	509	151	0	0	0	0.00	2.22	0
16690014	16590006	8.51	2 1-	2 ACSR 6/1	0	0	525	152	8	1	1	0.00	0.90	0
20850422	20850437	7.83	4 1-	2 ACSR 6/1	0	0	570	155	18	2	1	0.01	1.14	0
20850423	20850422	7.96	4 1-	2 ACSR 6/1	0	0	558	154	18	2	1	0.01	1.15	0
20850425	20850423	8.00	1 1-	2 ACSR 6/1	0	0	555	154	5	0	0	0.00	1.15	0
20850424	20850423	8.03	1 1-	2 ACSR 6/1	0	0	552	154	2	0	0	0.00	1.15	0
20850883	20850470	6.63	5 1-	2 ACSR 6/1	0	0	674	161	8	1	1	0.00	0.73	0
20850884	20850883	6.67	5 1-	2 ACSR 6/1	0	0	668	160	8	1	1	0.00	0.73	0
20850469	20850468	6.40	4 1-	2 ACSR 6/1	0	0	698	162	12	1	1	0.00	0.43	0
20850784	20850783	5.91	3 1-	2 ACSR 6/1	0	0	747	163	5	0	0	0.00	7.78	0
20850967	20850784	5.96	1 1-	2 ACSR 6/1	0	0	740	163	2	0	0	0.00	7.78	0
20850283	20850161	5.23	1 3-	4/0 ACSR 6/1	1104	985	828	166	1	0	0	0.00	5.73	0
20850289	20850481	5.23	2 3- 15 KV 2 URD XLP		1103	984	828	351	7	0	0	0.00	5.31	0
20850275	20850289	5.37	1 1- 15 KV 2 URD XLP		0	0	802	346	0	0	0	0.00	2.52	0
20850288	20850481	5.02	0 1- 15 KV 2 URD XLP		0	0	854	358	0	0	0	0.00	2.52	0
17220035	17220028	3.79	0 1-	2 ACSR 6/1	0	0	1071	173	0	0	0	0.00	1.89	0
20850060	20850059	2.99	2 1-	2 ACSR 6/1	0	0	1333	177	9	1	1	0.00	4.06	0
17230004	20850060	3.06	1 1-	2 ACSR 6/1	0	0	1301	177	0	0	0	0.00	4.06	0
17230003	20850060	3.08	1 1-	2 ACSR 6/1	0	0	1291	177	9	1	1	0.00	4.06	0
17130008	17120024	2.76	1 1-	2 ACSR 6/1	0	0	1431	179	9	1	1	0.00	1.50	0
17130007	17120024	2.80	1 1-	2 ACSR 6/1	0	0	1414	178	5	0	0	0.00	3.58	0
17120012	17120010	1.36	4 1-	2 ACSR 6/1	0	0	2496	186	21	2	1	0.00	0.78	0
17120014	17120012	1.40	1 1-	2 ACSR 6/1	0	0	2437	186	3	0	0	0.00	0.78	0
17120013	17120012	1.40	2 1-	2 ACSR 6/1	0	0	2430	186	6	0	0	0.00	0.78	0
17120011	17120010	1.37	2 1-	2 ACSR 6/1	0	0	2477	186	13	1	1	0.00	0.78	0
17120009	17020015	1.16	1 1-	2 ACSR 6/1	0	0	2772	187	10	1	1	0.00	1.21	0
17120008	17020015	1.14	1 1-	2 ACSR 6/1	0	0	2815	187	6	0	0	0.00	0.66	0
17020014	17020031	1.30	0 1-	2 ACSR 6/1	0	0	2529	186	0	0	0	0.00	1.05	0
17020025	17020029	1.05	2 3-	1/0 ACSR 6/1	3460	3320	2972	188	204	8	4	0.01	0.83	2
17020170	17020025	1.05	2 3-	Consumer	3460	3320	2972	188	204	8	0	0.00	0.83	0
17020026	17020025	1.12	0 3-	1/0 ACSR 6/1	3342	3194	2842	187	0	0	0	0.00	0.83	0
17020011	17020026	1.24	0 3-	1/0 ACSR 6/1	3176	3019	2665	187	0	0	0	0.00	0.83	0
17020010	17020011	1.25	0 3-	1/0 ACSR 6/1	3163	3005	2651	187	0	0	0	0.00	0.83	0
NEW LP6	17020029	0.98	1 3-	Consumer	3569	3437	3094	188	1267	55	0	0.00	0.82	0

CKT 3 total losses: \$12,090

SUB 53, CKT 4

BK5304	HINKLE(53)	0.00	327 3-	BK5304	5101	5199	5367	190	1575	65	35	0.00	0.00	0
11920022	BK5304	0.03	327 3-	4/0 ACSR 6/1	5177	5267	5393	190	1575	65	19	0.00	0.01	19
11920023	11920022	0.49	327 3-	4/0 ACSR 6/1	4167	4105	3838	189	1575	65	19	0.05	0.24	307
10890076	11920023	0.57	327 3-	4/0 ACSR 6/1	4023	3945	3646	188	1572	65	19	0.01	0.28	55
D10-89-P005	10890076	0.57	21 1-	FUS-50	0	0	3646	188	78	9	21	0.00	0.06	0
10890066	D10-89-P005	0.70	21 1-	2 ACSR 6/1	0	0	3292	187	78	9	5	0.04	0.10	2
10990019	10890066	0.74	19 1-	2 ACSR 6/1	0	0	3194	187	74	9	5	0.01	0.11	0
10990020	10990019	0.77	3 1-	2 ACSR 6/1	0	0	3125	187	8	1	1	0.00	0.11	0
10990028	10990019	0.79	16 1-	2 ACSR 6/1	0	0	3102	187	66	8	5	0.01	0.12	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10990030	10990028	0.84	1 1-	2 ACSR 6/1	0	0	2980	186	0	0	0	0.00	0.12	0
10990029	10990028	0.82	15 1-	2 ACSR 6/1	0	0	3027	186	66	8	5	0.01	0.13	0
10990021	10990029	0.88	13 1-	2 ACSR 6/1	0	0	2896	186	60	7	4	0.01	0.14	0
10990024	10990021	0.92	11 1-	2 ACSR 6/1	0	0	2824	186	46	5	3	0.01	0.14	0
10990018	10990024	0.97	1 1-	2 ACSR 6/1	0	0	2737	185	11	1	1	0.00	0.14	0
10990017	10990024	0.95	5 1-	2 ACSR 6/1	0	0	2762	185	24	3	2	0.00	0.15	0
10990023	10990017	1.00	3 1-	2 ACSR 6/1	0	0	2687	185	15	1	1	0.00	0.15	0
10990022	10990023	1.06	2 1-	2 ACSR 6/1	0	0	2586	185	10	1	1	0.00	0.15	0
10890061	10890076	0.61	1 1-	2 ACSR 6/1	0	0	3520	188	8	0	1	0.00	0.39	0
10890062	10890076	0.63	303 3-	4/0 ACSR 6/1	3927	3838	3521	188	1482	61	18	0.00	0.30	36
10890063	10890062	0.71	299 3-	4/0 ACSR 6/1	3792	3689	3349	188	1477	61	18	0.00	0.34	54
10890065	10890063	0.78	297 3-	4/0 ACSR 6/1	3687	3574	3218	188	1473	61	18	0.00	0.37	44
10890041	10890065	0.83	295 3-	4/0 ACSR 6/1	3614	3495	3130	188	1460	61	18	0.00	0.40	32
10890042	10890041	0.92	295 3-	4/0 ACSR 6/1	3502	3374	2997	187	1459	61	18	0.00	0.43	51
10890043	10890042	1.00	294 3-	4/0 ACSR 6/1	3396	3261	2875	187	1456	60	18	0.00	0.47	51
10890044	10890043	1.08	293 3-	4/0 ACSR 6/1	3304	3163	2770	187	1452	60	18	0.00	0.51	47
10890045	10890044	1.11	292 3-	4/0 ACSR 6/1	3262	3119	2724	187	1451	60	18	0.00	0.52	22
10890046	10890045	1.18	291 3-	4/0 ACSR 6/1	3188	3041	2642	186	1448	60	18	0.00	0.55	40
10890047	10890046	1.32	290 3-	4/0 ACSR 6/1	3037	2884	2479	186	1447	60	18	0.00	0.61	88
10890059	10890047	1.47	289 3-	4/0 ACSR 6/1	2895	2738	2330	185	1442	60	18	-0.01	0.68	90
10890085	10890059	1.48	0 1-	2 ACSR 6/1	0	0	2323	185	0	0	0	0.00	0.03	0
10890060	10890059	1.64	288 3-	4/0 ACSR 6/1	2748	2588	2181	185	1437	60	18	-0.01	0.75	102
CAP134	10890060	1.64	287 3-	Capacitor	0	0	0	0	1434	60	0	0.00	0.75	0
10880070	CAP134	1.72	183 3-	1/0 ACSR 6/1	2671	2508	2110	184	933	39	17	0.00	0.80	49
10880071	10880070	1.83	181 3-	1/0 ACSR 6/1	2565	2400	2013	184	931	39	17	0.01	0.87	71
10880044	10880071	1.90	179 3-	1/0 ACSR 6/1	2501	2334	1955	183	915	38	17	0.00	0.91	44
10880046	10880044	1.98	168 3-	1/0 ACSR 6/1	2436	2269	1898	183	861	36	16	0.00	0.96	46
10880054	10880046	2.13	165 3-	1/0 ACSR 6/1	2313	2145	1790	182	837	35	15	0.01	1.04	86
10880055	10880054	2.27	160 3-	1/0 ACSR 6/1	2217	2049	1707	182	820	34	15	0.01	1.11	72
10880097	10880055	2.32	158 3-	1/0 ACSR 6/1	2179	2011	1674	181	807	34	15	0.00	1.14	30
10880068	10880097	2.38	30 1-	2 ACSR 6/1	0	0	1633	181	189	24	13	0.04	2.04	6
10880069	10880068	2.42	1 1-	2 ACSR 6/1	0	0	1610	180	13	1	1	0.00	2.04	0
10880067	10880068	2.46	1 1-	2 ACSR 6/1	0	0	1585	180	2	0	0	0.00	2.04	0
10880091	10880068	2.49	27 1-	2 ACSR 6/1	0	0	1564	180	170	21	12	0.07	2.11	9
D10-88-P015	10880091	2.49	27 1-	REC-70-L	0	0	1564	180	170	21	31	0.00	2.11	0
10880090	D10-88-P015	2.55	27 1-	2 ACSR 6/1	0	0	1531	180	170	21	12	0.04	2.14	5
10890088	10880090	2.60	15 1-	2 ACSR 6/1	0	0	1502	179	83	10	6	0.01	2.16	0
10890089	10890088	2.64	14 1-	2 ACSR 6/1	0	0	1479	179	74	9	5	0.01	2.17	0
10890027	10890089	2.72	13 1-	2 ACSR 6/1	0	0	1436	178	70	9	5	0.02	2.19	1
10890053	10890027	2.77	12 1-	2 ACSR 6/1	0	0	1410	178	66	8	5	0.01	2.20	0
10890054	10890053	2.84	8 1-	2 ACSR 6/1	0	0	1375	177	53	6	4	0.01	2.21	0
10890055	10890054	2.90	6 1-	2 ACSR 6/1	0	0	1348	177	37	4	3	0.01	2.22	0
10890058	10890055	2.98	2 1-	2 ACSR 6/1	0	0	1312	176	12	1	1	0.00	2.22	0
10890057	10890055	2.94	1 1-	2 ACSR 6/1	0	0	1328	177	12	1	1	0.00	2.22	0
10890056	10890055	2.93	1 1-	2 ACSR 6/1	0	0	1333	177	3	0	0	0.00	2.22	0
10890052	10890027	2.84	1 1-	2 ACSR 6/1	0	0	1379	177	5	0	0	0.00	2.19	0
10890048	10890089	2.73	1 1-	2 ACSR 6/1	0	0	1433	178	3	0	0	0.00	2.17	0
10890051	10880090	2.68	2 1-	2 ACSR 6/1	0	0	1460	179	17	2	1	0.00	2.15	0
10890049	10880090	2.61	10 1-	2 ACSR 6/1	0	0	1495	179	70	9	5	0.01	2.16	0
10880072	10890049	2.67	8 1-	2 ACSR 6/1	0	0	1461	179	52	6	4	0.01	2.17	0
10880093	10880072	2.80	3 1-	2 ACSR 6/1	0	0	1398	178	26	3	2	0.01	2.18	0
10880094	10880093	2.87	2 1-	2 ACSR 6/1	0	0	1361	177	19	2	1	0.00	2.18	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10780115	10880094	2.99	1 1-	2 ACSR 6/1	0	0	1308	176	10	1	1	0.00	2.18	0
10880095	10880093	2.88	1 1-	2 ACSR 6/1	0	0	1356	177	7	0	0	0.00	2.18	0
10880063	10880072	2.71	1 1-	2 ACSR 6/1	0	0	1442	178	1	0	0	0.00	2.17	0
10880062	10880072	2.70	3 1-	2 ACSR 6/1	0	0	1446	178	15	1	1	0.00	2.17	0
10880064	10880097	2.44	127 3-	1/0 ACSR 6/1	2101	1934	1608	181	618	26	11	0.03	1.19	30
10880065	10880064	2.48	125 3-	1/0 ACSR 6/1	2076	1909	1587	180	608	25	11	0.01	1.21	10
10880096	10880065	2.55	1 3-	15 KV 2 URD XLP	2038	1873	1558	430	0	0	0	0.00	1.21	0
10880066	10880065	2.50	123 3-	1/0 ACSR 6/1	2066	1899	1579	180	597	25	11	0.00	1.21	4
10880059	10880066	2.54	122 3-	1/0 ACSR 6/1	2036	1870	1554	180	590	25	11	0.01	1.23	12
10880060	10880059	2.60	121 3-	1/0 ACSR 6/1	2005	1840	1528	180	587	24	11	0.01	1.25	13
10880034	10880060	2.64	120 3-	1/0 ACSR 6/1	1977	1813	1505	180	577	24	11	0.01	1.27	12
D10-88-P112	10880034	2.64	120 3-	REC-70-L	1977	1813	1505	180	577	24	35	0.00	1.27	0
10880042	D10-88-P112	2.74	120 3-	1/0 ACSR 6/1	1923	1760	1460	179	577	24	11	0.02	1.31	24
10780151	10880042	2.81	119 3-	1/0 ACSR 6/1	1887	1725	1431	179	576	24	11	0.01	1.33	17
10780153	10780151	3.11	113 3-	1/0 ACSR 6/1	1744	1586	1314	177	552	23	10	0.07	1.44	65
10780154	10780153	3.22	112 3-	1/0 ACSR 6/1	1694	1539	1274	177	543	23	10	0.03	1.48	25
10780117	10780154	3.29	111 3-	1/0 ACSR 6/1	1664	1510	1250	176	540	22	10	0.02	1.51	16
10780125	10780117	3.33	110 3-	1/0 ACSR 6/1	1648	1494	1237	176	538	22	10	0.01	1.52	9
D10-78-P026	10780125	3.33	20 1-	FUS-40	0	0	1237	176	97	12	34	0.00	0.28	0
10780148	D10-78-P026	3.44	20 1-	2 ACSR 6/1	0	0	1197	175	97	12	7	0.04	0.32	3
10780105	10780148	3.54	15 1-	2 ACSR 6/1	0	0	1161	175	77	9	5	0.03	0.35	1
10780102	10780105	3.60	9 1-	2 ACSR 6/1	0	0	1141	174	48	6	3	0.01	0.36	0
10780103	10780102	3.64	9 1-	2 ACSR 6/1	0	0	1128	174	48	6	3	0.01	0.36	0
10780149	10780103	3.68	5 1-	2 ACSR 6/1	0	0	1113	173	26	3	2	0.00	0.36	0
10780150	10780149	3.75	1 1-	2 ACSR 6/1	0	0	1093	173	10	1	1	0.00	0.37	0
10780100	10780103	3.70	1 1-	2 ACSR 6/1	0	0	1108	173	4	0	0	0.00	0.36	0
10780101	10780103	3.70	1 1-	2 ACSR 6/1	0	0	1108	173	5	0	0	0.00	0.36	0
10780143	10780105	3.60	3 1-	2 ACSR 6/1	0	0	1142	174	15	1	1	0.00	0.35	0
10780144	10780143	3.63	2 1-	2 ACSR 6/1	0	0	1132	174	12	1	1	0.00	0.35	0
10780126	10780148	3.53	1 1-	2 ACSR 6/1	0	0	1166	175	7	0	0	0.00	0.32	0
10780124	10780125	3.41	2 1-	2 ACSR 6/1	0	0	1206	175	8	1	1	0.00	2.83	0
10780123	10780125	3.40	1 1-	2 ACSR 6/1	0	0	1209	176	1	0	0	0.00	2.83	0
10780122	10780125	3.41	85 3-	1/0 ACSR 6/1	1617	1465	1213	176	427	18	8	0.00	1.54	13
10780095	10780122	3.46	82 3-	1/0 ACSR 6/1	1596	1445	1196	175	417	17	8	0.00	1.56	9
10780104	10780095	3.51	3 1-	2 ACSR 6/1	0	0	1178	175	16	2	1	0.00	0.28	0
10780094	10780095	3.50	4 1-	2 ACSR 6/1	0	0	1183	175	32	4	2	0.00	2.93	0
10780093	10780095	3.54	74 3-	1/0 ACSR 6/1	1569	1419	1174	175	366	15	7	0.00	1.57	10
10780147	10780093	3.62	70 3-	1/0 ACSR 6/1	1538	1390	1150	175	357	15	7	0.00	1.59	11
D10-78-P010	10780147	3.62	25 1-	FUS-40	0	0	1150	175	132	17	48	0.00	3.03	0
10780108	D10-78-P010	3.64	25 1-	2 ACSR 6/1	0	0	1143	174	132	17	9	0.01	3.04	0
10780109	10780108	3.79	22 1-	2 ACSR 6/1	0	0	1095	173	119	15	9	0.06	3.10	6
10780110	10780109	3.87	2 1-	2 ACSR 6/1	0	0	1073	173	4	0	0	0.00	3.10	0
10780046	10780109	3.86	18 1-	2 ACSR 6/1	0	0	1073	173	104	13	7	0.03	3.13	2
10780075	10780046	4.12	16 1-	2 ACSR 6/1	0	0	1003	171	95	12	7	0.08	3.21	6
10680094	10780075	4.18	6 1-	2 ACSR 6/1	0	0	987	171	38	4	3	0.01	3.22	0
10680105	10680094	4.21	5 1-	2 ACSR 6/1	0	0	980	170	31	4	2	0.00	3.22	0
10680107	10680105	4.30	3 1-	2 ACSR 6/1	0	0	957	170	19	2	1	0.01	3.23	0
10680108	10680107	4.39	1 1-	2 ACSR 6/1	0	0	938	169	10	1	1	0.00	3.23	0
10680110	10680108	4.55	0 1-	2 ACSR 6/1	0	0	902	168	0	0	0	0.00	3.23	0
10680109	10680108	4.49	1 1-	2 ACSR 6/1	0	0	914	168	10	1	1	0.00	3.23	0
10680106	10680105	4.27	1 1-	2 ACSR 6/1	0	0	966	170	4	0	0	0.00	3.22	0
10680093	10780075	4.16	9 1-	2 ACSR 6/1	0	0	993	171	49	6	4	0.01	3.22	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10680091	10680093	4.21	8 1-	2 ACSR 6/1	0	0	979	170	42	5	3	0.01	3.23	0
10680092	10680091	4.27	6 1-	2 ACSR 6/1	0	0	965	170	28	3	2	0.01	3.23	0
10680090	10680092	4.34	5 1-	2 ACSR 6/1	0	0	949	170	26	3	2	0.01	3.24	0
10680086	10680090	4.37	4 1-	2 ACSR 6/1	0	0	940	169	19	2	1	0.00	3.24	0
10680088	10680086	4.44	1 1-	2 ACSR 6/1	0	0	925	169	7	0	1	0.00	3.24	0
10680087	10680086	4.50	1 1-	2 ACSR 6/1	0	0	912	168	4	0	0	0.00	3.24	0
10680089	10680092	4.34	0 1-	2 ACSR 6/1	0	0	948	169	0	0	0	0.00	3.23	0
10680083	10680093	4.22	1 1-	2 ACSR 6/1	0	0	977	170	7	0	0	0.00	3.22	0
10780071	10780046	3.93	2 1-	2 ACSR 6/1	0	0	1055	172	10	1	1	0.00	3.13	0
10680082	10780071	4.00	1 1-	2 ACSR 6/1	0	0	1034	172	6	0	0	0.00	3.13	0
10780113	10780147	3.68	14 1-	2 ACSR 6/1	0	0	1131	174	65	8	5	0.01	0.29	0
10780112	10780113	3.71	8 1-	2 ACSR 6/1	0	0	1121	174	39	4	3	0.00	0.29	0
10780077	10780112	3.74	7 1-	2 ACSR 6/1	0	0	1112	174	34	4	2	0.00	0.30	0
10780145	10780077	3.79	5 1-	2 ACSR 6/1	0	0	1096	173	22	2	2	0.00	0.30	0
10780146	10780145	3.87	4 1-	2 ACSR 6/1	0	0	1071	173	13	1	1	0.00	0.30	0
10780091	10780146	3.92	1 1-	2 ACSR 6/1	0	0	1056	172	3	0	0	0.00	0.30	0
10780082	10780146	3.91	2 1-	2 ACSR 6/1	0	0	1061	173	7	0	0	0.00	0.30	0
10780078	10780077	3.79	2 1-	2 ACSR 6/1	0	0	1095	173	12	1	1	0.00	0.30	0
10780114	10780113	3.70	2 1-	2 ACSR 6/1	0	0	1122	174	17	2	1	0.00	0.29	0
10780099	10780147	3.66	31 3-	1/0 ACSR 6/1	1523	1375	1138	174	160	6	3	0.00	1.60	1
10780098	10780099	3.74	30 3-	1/0 ACSR 6/1	1496	1350	1117	174	158	6	3	-0.01	1.61	2
10780097	10780098	3.78	2 1-	2 ACSR 6/1	0	0	1105	174	7	0	0	0.00	0.27	0
10780155	10780098	3.86	28 3-	1/0 ACSR 6/1	1458	1314	1087	173	151	6	3	-0.01	1.62	3
10780156	10780155	3.89	26 3-	1/0 ACSR 6/1	1448	1304	1079	173	142	6	3	0.00	1.62	0
10680143	10780156	3.94	3 1-	2 ACSR 6/1	0	0	1064	173	5	0	0	0.00	0.25	0
10680159	10780156	4.00	23 3-	1/0 ACSR 6/1	1414	1273	1053	173	137	5	3	-0.01	1.63	3
10680136	10680159	4.06	13 1-	2 ACSR 6/1	0	0	1035	172	77	10	6	0.02	3.15	0
10680137	10680136	4.08	11 1-	2 ACSR 6/1	0	0	1029	172	63	8	5	0.00	3.16	0
D10-68-P133	10680137	4.08	11 1-	REC-70-L	0	0	1029	172	63	8	12	0.00	3.16	0
10680139	D10-68-P133	4.11	11 1-	2 ACSR 6/1	0	0	1022	172	63	8	5	0.01	3.16	0
10680140	10680139	4.16	3 1-	2 ACSR 6/1	0	0	1010	172	4	0	0	0.00	3.16	0
10680138	10680139	4.19	5 1-	2 ACSR 6/1	0	0	1001	171	39	5	3	0.01	3.17	0
10680141	10680138	4.24	0 1-	2 ACSR 6/1	0	0	988	171	0	0	0	0.00	3.17	0
10680142	10680138	4.30	5 1-	2 ACSR 6/1	0	0	975	171	39	5	3	0.01	3.19	0
10680126	10680142	4.34	4 1-	2 ACSR 6/1	0	0	963	170	33	4	2	0.01	3.19	0
10780092	10680126	4.35	3 1-	2 ACSR 6/1	0	0	961	170	26	3	2	0.00	3.19	0
10780096	10780092	4.38	2 1-	2 ACSR 6/1	0	0	955	170	13	1	1	0.00	3.19	0
10680135	10680159	4.13	8 3-	1/0 ACSR 6/1	1376	1237	1023	172	59	2	1	0.00	1.64	0
10680132	10680135	4.18	5 3-	1/0 ACSR 6/1	1361	1222	1011	172	40	1	1	0.00	1.64	0
D10-68-P109	10680132	4.18	5 1-	FUS	0	0	1011	172	40	5	118	0.00	3.15	0
10680166	D10-68-P109	4.21	5 1-	2 ACSR 6/1	0	0	1005	172	40	5	3	0.00	3.15	0
10680128	10680166	4.23	1 1-	2 ACSR 6/1	0	0	1000	171	8	1	1	0.00	3.15	0
10680131	10680166	4.24	4 1-	2 ACSR 6/1	0	0	997	171	32	4	2	0.00	3.16	0
10680165	10680131	4.32	1 1-	2 ACSR 6/1	0	0	976	171	11	1	1	0.00	3.16	0
10680157	10680132	4.24	0 3-	1/0 ACSR 6/1	1345	1208	1000	172	0	0	0	0.00	1.64	0
10-68-P069-B	10680157	4.24	0 3-	Open	1345	1208	1000	172	0	0	0	0.00	1.64	0
10780047	10780098	3.78	0 1-	2 ACSR 6/1	0	0	1105	174	0	0	0	0.00	1.49	0
10-78-P248-A	10780047	3.78	0 1-	Open	0	0	1105	174	0	0	0	0.00	1.49	0
10780152	10780151	2.93	6 3-	1/0 ACSR 6/1	1828	1668	1383	178	23	0	0	0.00	1.33	0
10780158	10780152	3.10	2 3-	1/0 ACSR 6/1	1745	1588	1315	177	1	0	0	0.00	1.33	0
10780157	10780158	3.20	2 3-	1/0 ACSR 6/1	1702	1546	1281	177	1	0	0	0.00	1.33	0
10780049	10780157	3.35	1 3-	1/0 ACSR 6/1	1641	1488	1232	176	1	0	0	0.00	1.33	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
10770165	10780049	3.39	0 3-	1/0 ACSR 6/1	1623	1471	1218	176	0	0	0	0.00	1.33	0
10-77-P209-B	10770165	3.39	0 3-	Open	1623	1471	1218	176	0	0	0	0.00	1.33	0
10780116	10780152	2.95	4 1-	2 ACSR 6/1	0	0	1372	178	23	2	2	0.00	2.42	0
10780127	10780116	2.99	1 1-	2 ACSR 6/1	0	0	1354	178	8	0	1	0.00	2.42	0
10880061	10880060	2.65	1 1-	2 ACSR 6/1	0	0	1500	179	9	1	1	0.00	2.23	0
10880052	10880046	2.04	3 1-	2 ACSR 6/1	0	0	1845	183	23	2	2	0.00	1.55	0
10880053	10880052	2.13	2 1-	2 ACSR 6/1	0	0	1773	182	15	1	1	0.00	1.55	0
10880045	10880044	1.96	8 1-	2 ACSR 6/1	0	0	1900	183	46	5	3	0.01	1.26	0
10880047	10880045	2.00	4 1-	2 ACSR 6/1	0	0	1873	183	17	2	1	0.00	1.26	0
10880048	10880047	2.04	2 1-	2 ACSR 6/1	0	0	1837	182	3	0	0	0.00	1.26	0
10880050	10880045	2.01	3 1-	2 ACSR 6/1	0	0	1865	183	23	2	2	0.00	1.26	0
10880051	10880050	2.05	2 1-	2 ACSR 6/1	0	0	1833	182	16	2	1	0.00	1.27	0
10880049	10880045	2.02	1 1-	2 ACSR 6/1	0	0	1858	183	5	0	0	0.00	1.26	0
10880043	10880071	1.86	1 1-	2 ACSR 6/1	0	0	1989	184	11	1	1	0.00	1.35	0
10880038	CAP134	1.75	104 3-	2 ACSR 6/1	2622	2454	2064	184	501	21	12	0.04	0.81	33
D10-88-P116	10880038	1.75	9 1-	FUS-50	0	0	2064	184	52	6	14	0.00	0.07	0
10880092	D10-88-P116	1.77	9 1-	2 ACSR 6/1	0	0	2044	184	52	6	4	0.00	0.07	0
10880041	10880092	1.81	8 1-	2 ACSR 6/1	0	0	2011	184	42	5	3	0.00	0.08	0
10880088	10880041	1.83	1 1-	2 ACSR 6/1	0	0	1983	183	11	1	1	0.00	0.08	0
10880089	10880088	1.89	0 1-	2 ACSR 6/1	0	0	1935	183	0	0	0	0.00	0.08	0
10880056	10880041	1.85	4 1-	2 ACSR 6/1	0	0	1966	183	20	2	1	0.00	0.08	0
10880058	10880056	1.89	1 1-	2 ACSR 6/1	0	0	1929	183	9	1	1	0.00	0.08	0
10880057	10880056	1.90	1 1-	2 ACSR 6/1	0	0	1925	183	6	0	0	0.00	0.08	0
10880074	10880056	1.90	2 1-	2 ACSR 6/1	0	0	1924	183	4	0	0	0.00	0.08	0
10880073	10880092	1.79	1 1-	2 ACSR 6/1	0	0	2028	184	10	1	1	0.00	0.07	0
10880087	10880038	1.82	91 3-	2 ACSR 6/1	2550	2378	1999	183	431	18	10	0.01	0.84	18
D10-98-P087	10880087	1.82	91 3-	REC-70-L	2550	2378	1999	183	431	18	26	0.00	0.84	0
10980064	D10-98-P087	1.84	91 3-	2 ACSR 6/1	2524	2351	1976	183	431	18	10	0.00	0.85	7
10980059	10980064	1.90	80 3-	2 ACSR 6/1	2469	2294	1927	183	382	16	9	0.01	0.87	13
10980060	10980059	2.02	78 3-	2 ACSR 6/1	2347	2168	1821	182	377	16	9	0.02	0.92	31
10980040	10980060	2.05	75 3-	2 ACSR 6/1	2323	2143	1800	182	360	15	8	0.00	0.93	6
10980039	10980040	2.07	73 3-	2 ACSR 6/1	2305	2125	1784	182	351	14	8	0.00	0.93	5
10980044	10980039	2.11	71 3-	2 ACSR 6/1	2270	2090	1755	181	340	14	8	0.00	0.95	9
10980045	10980044	2.17	2 1-	2 ACSR 6/1	0	0	1709	181	5	0	0	0.00	0.12	0
10980046	10980044	2.18	67 3-	2 ACSR 6/1	2203	2022	1698	181	320	13	8	0.01	0.97	17
10980061	10980046	2.25	64 3-	2 ACSR 6/1	2147	1967	1652	180	312	13	7	0.01	0.99	15
D16-08-P003	10980061	2.25	23 1-	FUS-50	0	0	1652	180	113	14	31	0.00	1.78	0
16080014	D16-08-P003	2.28	23 1-	2 ACSR 6/1	0	0	1630	180	113	14	8	0.01	1.80	1
16080010	16080014	2.34	21 1-	2 ACSR 6/1	0	0	1589	179	99	12	7	0.02	1.82	2
16080008	16080010	2.42	2 1-	2 ACSR 6/1	0	0	1544	179	13	1	1	0.00	1.82	0
10980047	16080008	2.45	1 1-	2 ACSR 6/1	0	0	1525	179	7	0	1	0.00	1.82	0
16080009	16080010	2.51	13 1-	2 ACSR 6/1	0	0	1489	178	68	8	5	0.04	1.85	2
10980050	16080009	2.57	7 1-	2 ACSR 6/1	0	0	1458	178	40	5	3	0.01	1.86	0
10980051	10980050	2.64	5 1-	2 ACSR 6/1	0	0	1418	177	30	3	2	0.01	1.87	0
10980052	10980051	2.70	2 1-	2 ACSR 6/1	0	0	1391	177	8	1	1	0.00	1.87	0
10980056	10980052	2.73	1 1-	2 ACSR 6/1	0	0	1375	177	8	1	1	0.00	1.87	0
10980053	10980052	2.76	1 1-	2 ACSR 6/1	0	0	1358	176	0	0	0	0.00	1.87	0
10980048	16080009	2.54	5 1-	2 ACSR 6/1	0	0	1471	178	21	2	1	0.00	1.86	0
10980049	10980048	2.64	2 1-	2 ACSR 6/1	0	0	1421	177	9	1	1	0.00	1.86	0
16080002	10980061	2.31	37 3-	2 ACSR 6/1	2098	1918	1611	180	184	7	4	0.00	1.00	5
16080005	16080002	2.40	4 1-	2 ACSR 6/1	0	0	1556	179	19	2	1	0.00	1.82	0
16080006	16080002	2.35	33 3-	2 ACSR 6/1	2070	1889	1588	179	165	7	4	0.00	1.01	2

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 64 GOLDBUG(64)		1725			3261	3436	3854	194	11876						
SUB 64, CKT 1															
BK6401	GOLDBUG(64)	0.00	962 3-	BK6401	3261	3436	3854	194	4972	208	52	0.00	0.00	0	
15620039	BK6401	0.12	962 3-	336 ACSR 18/1	3148	3265	3611	194	4972	208	39	0.13	0.14	477	
15620036	15620039	0.35	962 3-	336 ACSR 18/1	2961	3000	3235	193	4967	208	39	0.24	0.39	873	
15620100	15620036	0.42	2 3-	336 ACSR 18/1	2908	2929	3135	193	225	10	2	0.01	0.39	0	
14690139	15620100	0.45	2 3-	15 KV 2 URD XLP	2880	2918	3094	497	225	10	6	0.01	0.40	2	
146901010	14690139	0.45	2 3-	Consumer	2880	2918	3094	497	225	10	0	0.00	0.40	0	
15620105	15620036	0.38	1 3-	2 ACSR 6/1	2921	2956	3167	193	1	0	0	0.00	0.39	0	
D15-62-P187	15620105	0.38	1 3-	FUS-40	2921	2956	3167	193	1	0	0	0.00	0.39	0	
15620104	D15-62-P187	0.43	1 3-	2 ACSR 6/1	2853	2879	3054	193	1	0	0	0.00	0.39	0	
15620037	15620036	0.41	959 3-	336 ACSR 18/1	2914	2937	3146	193	4734	198	37	0.06	0.45	216	
20850111	15620037	0.44	2 1-	2 ACSR 6/1	0	0	3082	193	5	0	0	0.00	0.51	0	
15620035	15620037	0.54	957 3-	336 ACSR 18/1	2820	2816	2975	193	4726	198	37	0.12	0.58	448	
D14-69-P106	15620035	0.54	25 1-	REC-35-L	0	0	2975	193	118	14	43	0.00	0.65	0	
14690065	D14-69-P106	0.61	25 1-	2 ACSR 6/1	0	0	2837	192	118	14	8	0.03	0.68	3	
14690066	14690065	0.73	23 1-	2 ACSR 6/1	0	0	2616	191	116	14	8	0.05	0.74	5	
15620092	14690066	0.84	3 1-	2 ACSR 6/1	0	0	2450	191	14	1	1	0.01	0.74	0	
15620093	15620092	0.89	3 1-	2 ACSR 6/1	0	0	2377	190	14	1	1	0.00	0.75	0	
15620090	15620093	0.97	2 1-	2 ACSR 6/1	0	0	2273	189	11	1	1	0.00	0.75	0	
15620076	15620093	0.94	1 1-	2 ACSR 6/1	0	0	2312	190	4	0	0	0.00	0.75	0	
15620032	14690066	0.82	17 1-	2 ACSR 6/1	0	0	2482	191	82	10	6	0.03	0.76	2	
14690122	15620032	0.87	10 1-	2 ACSR 6/1	0	0	2407	190	44	5	3	0.01	0.77	0	
20850118	14690122	0.92	6 1-	2 ACSR 6/1	0	0	2341	190	26	3	2	0.00	0.77	0	
20850119	20850118	0.98	3 1-	2 ACSR 6/1	0	0	2265	189	15	1	1	0.00	0.78	0	
20850117	20850119	0.99	1 1-	2 ACSR 6/1	0	0	2248	189	7	0	0	0.00	0.78	0	
14690062	15620032	0.90	7 1-	2 ACSR 6/1	0	0	2365	190	38	4	3	0.01	0.77	0	
14690067	14690062	1.02	6 1-	2 ACSR 6/1	0	0	2203	189	35	4	2	0.01	0.79	0	
14690071	14690067	1.09	5 1-	2 ACSR 6/1	0	0	2129	189	25	3	2	0.01	0.79	0	
14690072	14690071	1.14	3 1-	2 ACSR 6/1	0	0	2065	188	24	3	2	0.00	0.80	0	
20852164	14690072	1.50	3 1-	2 ACSR 6/1	0	0	1730	185	24	3	2	0.03	0.83	0	
20852147	20852164	1.67	1 1-	2 ACSR 6/1	0	0	1611	184	10	1	1	0.00	0.83	0	
20852165	20852164	1.61	1 1-	2 ACSR 6/1	0	0	1647	184	8	1	1	0.00	0.83	0	
20852163	20852165	2.08	1 1-	2 ACSR 6/1	0	0	1364	181	8	1	1	0.01	0.84	0	
15620091	14690066	0.88	1 1-	2 ACSR 6/1	0	0	2393	190	10	1	1	0.00	0.74	0	
15620075	14690066	0.78	2 1-	2 ACSR 6/1	0	0	2548	191	10	1	1	0.00	0.74	0	
14690142	15620035	0.59	932 3-	336 ACSR 18/1	2779	2764	2903	193	4604	193	36	0.05	0.64	193	
14690144	14690142	0.91	931 3-	336 ACSR 18/1	2579	2520	2569	192	4599	193	36	0.28	0.95	1042	
14690120	14690144	1.00	930 3-	336 ACSR 18/1	2526	2457	2485	192	4587	193	36	0.08	1.04	305	
D14-69-P034	14690120	1.00	125 3-	REC-70-L	2526	2457	2485	192	562	23	34	0.00	1.04	0	
14690063	D14-69-P034	1.06	125 3-	2 ACSR 6/1	2464	2399	2399	191	562	23	13	0.04	1.07	17	
14690056	14690063	1.09	121 3-	2 ACSR 6/1	2431	2355	2355	191	513	21	12	0.02	1.09	9	
14690093	14690056	1.15	121 3-	2 ACSR 6/1	2377	2297	2283	191	513	21	12	0.03	1.12	15	
14690094	14690093	1.21	118 3-	2 ACSR 6/1	2319	2233	2207	190	497	21	12	0.04	1.15	16	
14690103	14690094	1.23	115 3-	2 ACSR 6/1	2298	2211	2180	190	477	20	11	0.01	1.16	5	
14690104	14690103	1.42	112 3-	2 ACSR 6/1	2140	2041	1983	189	471	20	11	0.09	1.25	42	
14690096	14690104	1.49	1 1-	2 ACSR 6/1	0	0	1915	188	5	0	0	0.00	1.37	0	
14690050	14690104	1.46	5 1-	2 ACSR 6/1	0	0	1947	188	14	1	1	0.00	1.20	0	
14690101	14690050	1.51	4 1-	2 ACSR 6/1	0	0	1894	188	13	1	1	0.00	1.21	0	
14690102	14690101	1.59	3 1-	2 ACSR 6/1	0	0	1830	187	5	0	0	0.00	1.21	0	
14690100	14690050	1.48	1 1-	2 ACSR 6/1	0	0	1926	188	1	0	0	0.00	1.20	0	
14690049	14690104	1.50	106 3-	2 ACSR 6/1	2076	1972	1906	188	452	19	11	0.04	1.29	17	

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14690111	14690049	1.59	102 3-	2 ACSR 6/1	2004	1896	1823	187	443	18	10	0.04	1.33	19
14690112	14690111	1.69	101 3-	2 ACSR 6/1	1934	1822	1742	186	432	18	10	0.05	1.37	19
14690113	14690112	1.82	97 3-	2 ACSR 6/1	1847	1731	1645	185	420	17	10	0.06	1.43	25
14790091	14690113	1.88	96 3-	2 ACSR 6/1	1812	1694	1607	185	418	17	10	0.03	1.45	11
14790100	14790091	1.91	94 3-	2 ACSR 6/1	1791	1673	1584	185	409	17	10	0.02	1.46	6
14790101	14790100	1.96	93 3-	2 ACSR 6/1	1761	1642	1552	184	408	17	10	0.02	1.48	10
14790105	14790101	2.07	91 3-	2 ACSR 6/1	1699	1579	1487	183	388	16	9	0.05	1.53	21
14790109	14790105	2.17	86 3-	2 ACSR 6/1	1646	1524	1431	183	364	15	9	0.04	1.56	18
14790110	14790109	2.34	85 3-	2 ACSR 6/1	1561	1438	1344	181	363	15	9	0.06	1.63	30
14790082	14790110	2.39	25 1-	2 ACSR 6/1	0	0	1322	181	164	20	12	0.03	1.63	4
14790083	14790082	2.42	24 1-	2 ACSR 6/1	0	0	1305	181	162	20	12	0.02	1.65	3
D14-79-P008	14790083	2.42	24 1-	FUS-40	0	0	1305	181	162	20	58	0.00	1.65	0
14790047	D14-79-P008	2.44	24 1-	2 ACSR 6/1	0	0	1295	181	162	20	12	0.01	1.66	2
14790130	14790047	2.47	23 1-	2 ACSR 6/1	0	0	1283	180	153	19	11	0.02	1.68	2
14790112	14790130	2.58	20 1-	2 ACSR 6/1	0	0	1238	180	139	17	10	0.05	1.73	6
14790111	14790112	2.86	0 1-	2 ACSR 6/1	0	0	1130	178	0	0	0	0.00	1.73	0
14790114	14790112	2.85	20 1-	2 ACSR 6/1	0	0	1133	178	139	17	10	0.14	1.87	15
14790115	14790114	2.91	19 1-	2 ACSR 6/1	0	0	1114	177	137	17	10	0.03	1.90	3
14790116	14790115	3.03	2 1-	2 ACSR 6/1	0	0	1075	176	6	0	0	0.00	1.90	0
14790117	14790116	3.15	1 1-	2 ACSR 6/1	0	0	1037	175	4	0	0	0.00	1.90	0
14790093	14790115	2.97	17 1-	2 ACSR 6/1	0	0	1095	177	130	16	9	0.03	1.93	3
14790094	14790093	3.01	16 1-	2 ACSR 6/1	0	0	1083	177	126	16	9	0.02	1.94	2
14790096	14790094	3.07	14 1-	2 ACSR 6/1	0	0	1062	176	105	13	8	0.02	1.97	2
14790128	14790096	3.14	2 1-	2 ACSR 6/1	0	0	1040	176	15	1	1	0.00	1.97	0
14790097	14790096	3.12	10 1-	2 ACSR 6/1	0	0	1047	176	72	9	5	0.01	1.98	0
14790098	14790097	3.16	8 1-	2 ACSR 6/1	0	0	1034	175	64	8	5	0.01	1.99	0
14790099	14790098	3.20	6 1-	2 ACSR 6/1	0	0	1023	175	46	5	3	0.01	1.99	0
14790102	14790099	3.25	4 1-	2 ACSR 6/1	0	0	1009	175	30	3	2	0.00	2.00	0
14790103	14790102	3.31	2 1-	2 ACSR 6/1	0	0	994	174	18	2	1	0.00	2.00	0
14790095	14790094	3.02	1 1-	2 ACSR 6/1	0	0	1078	176	12	1	1	0.00	1.94	0
14790078	14790130	2.51	3 1-	2 ACSR 6/1	0	0	1268	180	13	1	1	0.00	1.68	0
14790113	14790078	2.54	2 1-	2 ACSR 6/1	0	0	1255	180	11	1	1	0.00	1.68	0
14790045	14790110	2.52	60 1-	2 ACSR 6/1	0	0	1261	180	199	25	14	0.13	2.24	21
14790104	14790045	2.60	1 1-	2 ACSR 6/1	0	0	1231	180	7	0	1	0.00	2.24	0
14790084	14790045	2.63	3 1-	2 ACSR 6/1	0	0	1215	179	12	1	1	0.00	2.24	0
14790085	14790084	2.72	2 1-	2 ACSR 6/1	0	0	1180	179	3	0	0	0.00	2.24	0
14790071	14790045	2.58	56 1-	2 ACSR 6/1	0	0	1236	180	179	23	13	0.04	2.28	5
14790072	14790071	2.66	52 1-	2 ACSR 6/1	0	0	1204	179	157	20	11	0.05	2.33	6
14790046	14790072	2.76	50 1-	2 ACSR 6/1	0	0	1168	178	151	19	11	0.05	2.38	6
14790077	14790046	2.86	47 1-	2 ACSR 6/1	0	0	1131	178	136	17	10	0.05	2.43	6
14790123	14790077	2.95	3 1-	2 ACSR 6/1	0	0	1101	177	7	0	1	0.00	2.43	0
14790129	14790077	2.99	36 1-	2 ACSR 6/1	0	0	1089	177	113	14	8	0.05	2.48	4
14890091	14790129	3.04	35 1-	2 ACSR 6/1	0	0	1073	176	102	13	7	0.02	2.50	1
14880032	14890091	3.19	33 1-	2 ACSR 6/1	0	0	1026	175	91	11	6	0.05	2.55	4
14890081	14880032	3.22	32 1-	2 ACSR 6/1	0	0	1017	175	88	11	6	0.01	2.56	0
14890083	14890081	3.31	31 1-	2 ACSR 6/1	0	0	992	174	86	11	6	0.03	2.59	2
14890084	14890083	3.41	29 1-	2 ACSR 6/1	0	0	966	174	84	10	6	0.03	2.62	2
14890082	14890084	3.47	29 1-	2 ACSR 6/1	0	0	952	173	84	10	6	0.02	2.64	1
14890065	14890082	3.65	1 1-	2 ACSR 6/1	0	0	909	172	2	0	0	0.00	2.64	0
14890055	14890082	3.56	27 1-	2 ACSR 6/1	0	0	929	173	80	10	6	0.03	2.66	2
14890064	14890055	3.66	2 1-	2 ACSR 6/1	0	0	906	172	12	1	1	0.00	2.67	0
14890069	14890064	3.76	1 1-	2 ACSR 6/1	0	0	885	171	10	1	1	0.00	2.67	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14890057	14890055	3.63	23 1-	2 ACSR 6/1	0	0	915	172	64	8	5	0.01	2.68	0
14890058	14890057	3.72	22 1-	2 ACSR 6/1	0	0	894	172	61	7	4	0.02	2.70	0
14890061	14890058	3.85	19 1-	2 ACSR 6/1	0	0	866	171	52	6	4	0.02	2.72	0
14890088	14890061	3.96	1 1-	2 ACSR 6/1	0	0	844	170	5	0	0	0.00	2.72	0
14890063	14890061	3.92	1 1-	2 ACSR 6/1	0	0	851	170	1	0	0	0.00	2.72	0
14890062	14890061	3.94	12 1-	2 ACSR 6/1	0	0	847	170	29	3	2	0.01	2.73	0
14890070	14890062	4.04	4 1-	2 ACSR 6/1	0	0	828	169	9	1	1	0.00	2.74	0
14890071	14890070	4.09	1 1-	2 ACSR 6/1	0	0	819	169	5	0	0	0.00	2.74	0
14890068	14890062	4.06	7 1-	2 ACSR 6/1	0	0	825	169	19	2	1	0.01	2.74	0
14890079	14890068	4.13	1 1-	2 ACSR 6/1	0	0	812	169	7	0	1	0.00	2.74	0
14890072	14890068	4.14	2 1-	2 ACSR 6/1	0	0	809	169	3	0	0	0.00	2.74	0
14990025	14890072	4.17	1 1-	2 ACSR 6/1	0	0	804	168	2	0	0	0.00	2.74	0
14890066	14890068	4.10	3 1-	2 ACSR 6/1	0	0	817	169	7	0	0	0.00	2.74	0
14890067	14890062	4.00	1 1-	2 ACSR 6/1	0	0	835	170	1	0	0	0.00	2.73	0
14890060	14890061	3.90	3 1-	2 ACSR 6/1	0	0	855	170	13	1	1	0.00	2.72	0
14890054	14890060	3.93	1 1-	2 ACSR 6/1	0	0	850	170	5	0	0	0.00	2.72	0
14890059	14890058	3.96	1 1-	2 ACSR 6/1	0	0	844	170	2	0	0	0.00	2.70	0
14890056	14890055	3.72	1 1-	2 ACSR 6/1	0	0	893	172	2	0	0	0.00	2.67	0
14890080	14880032	3.27	0 1-	2 ACSR 6/1	0	0	1005	175	0	0	0	0.00	2.55	0
14790079	14790077	2.92	8 1-	2 ACSR 6/1	0	0	1111	177	16	2	1	0.00	2.43	0
14780045	14790079	2.96	6 1-	2 ACSR 6/1	0	0	1098	177	7	0	1	0.00	2.43	0
14780046	14780045	3.04	3 1-	2 ACSR 6/1	0	0	1072	176	6	0	0	0.00	2.44	0
14780031	14780046	3.08	2 1-	2 ACSR 6/1	0	0	1059	176	5	0	0	0.00	2.44	0
14780033	14780031	3.15	1 1-	2 ACSR 6/1	0	0	1038	176	3	0	0	0.00	2.44	0
14780034	14780033	3.23	1 1-	2 ACSR 6/1	0	0	1014	175	3	0	0	0.00	2.44	0
14780032	14780031	3.11	1 1-	2 ACSR 6/1	0	0	1051	176	2	0	0	0.00	2.44	0
14780044	14790079	2.95	2 1-	2 ACSR 6/1	0	0	1099	177	8	1	1	0.00	2.43	0
14790076	14790046	2.81	3 1-	2 ACSR 6/1	0	0	1149	178	15	1	1	0.00	2.38	0
14790075	14790072	2.75	1 1-	2 ACSR 6/1	0	0	1169	178	4	0	0	0.00	2.33	0
14790073	14790071	2.63	2 1-	2 ACSR 6/1	0	0	1215	179	7	0	1	0.00	2.28	0
14790074	14790073	2.69	1 1-	2 ACSR 6/1	0	0	1194	179	3	0	0	0.00	2.28	0
14790086	14790071	2.62	1 1-	2 ACSR 6/1	0	0	1220	179	6	0	0	0.00	2.28	0
14790092	14790086	2.64	1 1-	2 ACSR 6/1	0	0	1213	179	6	0	0	0.00	2.28	0
14790106	14790105	2.18	4 1-	2 ACSR 6/1	0	0	1427	183	17	2	1	0.00	1.50	0
14790108	14790106	2.26	1 1-	2 ACSR 6/1	0	0	1385	182	5	0	0	0.00	1.50	0
14790107	14790106	2.32	1 1-	2 ACSR 6/1	0	0	1354	182	3	0	0	0.00	1.50	0
14790090	14690113	1.88	1 1-	2 ACSR 6/1	0	0	1606	185	2	0	0	0.00	1.39	0
14690107	14690049	1.55	4 1-	2 ACSR 6/1	0	0	1862	188	9	1	1	0.00	1.43	0
14690108	14690107	1.78	3 1-	2 ACSR 6/1	0	0	1678	186	4	0	0	0.00	1.44	0
14690110	14690108	1.95	1 1-	2 ACSR 6/1	0	0	1560	184	0	0	0	0.00	1.44	0
14690109	14690108	1.82	1 1-	2 ACSR 6/1	0	0	1648	185	0	0	0	0.00	1.44	0
14690095	14690094	1.24	3 1-	2 ACSR 6/1	0	0	2176	190	19	2	1	0.00	1.10	0
14690092	14690093	1.19	1 1-	2 ACSR 6/1	0	0	2234	190	11	1	1	0.00	1.14	0
14690091	14690056	1.13	0 1-	2 ACSR 6/1	0	0	2302	191	0	0	0	0.00	1.03	0
OH31	14690120	1.01	4 1-	2 ACSR 6/1	0	0	2459	192	21	2	2	0.00	0.98	0
14690119	OH31	1.08	4 1-	2 ACSR 6/1	0	0	2373	191	21	2	2	0.00	0.98	0
14690118	OH31	1.14	0 1-	2 ACSR 6/1	0	0	2298	191	0	0	0	0.00	0.98	0
14690114	14690120	1.09	801 3-	336 ACSR 18/1	2473	2396	2404	192	4001	168	32	0.07	1.11	239
14690070	14690114	1.23	800 3-	336 ACSR 18/1	2396	2310	2290	191	3996	168	32	0.11	1.23	364
14690134	14690070	1.29	800 3-	4/0 ACSR 6/1	2360	2270	2238	191	3992	168	49	0.07	1.31	232
14690135	14690134	1.36	799 3-	4/0 ACSR 6/1	2320	2227	2181	191	3977	167	49	0.08	1.39	263
CAP124	14690135	1.36	798 3-	Capacitor	2320	2227	2181	191	3969	167	0	0.00	1.39	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14690064	CAP124	1.44	798 3-	4/0 ACSR 6/1	2267	2171	2110	191	3969	168	50	0.12	1.52	358
14590089	14690064	1.46	790 3-	4/0 ACSR 6/1	2256	2159	2094	191	3929	167	49	0.03	1.55	79
D14-59-P097	14590089	1.46	3 3-	FUS	2256	2159	2094	191	8	0	8	0.00	1.55	0
14590097	D14-59-P097	1.50	3 3-	4/0 ACSR 6/1	2236	2138	2068	191	8	0	0	0.00	1.55	0
14590098	14590097	1.51	2 3-	4/0 ACSR 6/1	2232	2133	2061	190	3	0	0	0.00	1.55	0
14590035	14590089	1.49	787 3-	4/0 ACSR 6/1	2239	2141	2071	191	3920	166	49	0.04	1.59	118
14590071	14590035	1.52	2 1-	2 ACSR 6/1	0	0	2044	190	8	1	1	0.00	1.49	0
14590077	14590071	1.57	1 1-	2 ACSR 6/1	0	0	1999	190	3	0	0	0.00	1.49	0
14590111	14590035	1.55	785 3-	4/0 ACSR 6/1	2209	2109	2031	190	3910	166	49	0.07	1.66	215
14590112	14590111	1.64	784 3-	4/0 ACSR 6/1	2160	2057	1967	190	3906	166	49	0.12	1.79	358
14590109	14590112	1.64	780 3-	4/0 ACSR 6/1	2157	2054	1963	190	3886	165	49	0.01	1.80	23
14-59-P037-B	14590109	1.64	780 3-	Closed	2157	2054	1963	190	3886	165	0	0.00	1.80	0
14-59-P037-A	14-59-P037-B	1.64	780 3-	Closed	2157	2054	1963	190	3886	165	0	0.00	1.80	0
14590110	14-59-P037-A	1.68	780 3-	4/0 ACSR 6/1	2140	2036	1940	190	3886	165	49	0.04	1.85	129
14590085	14590110	1.77	778 3-	4/0 ACSR 6/1	2094	1987	1881	190	3869	164	49	0.12	1.97	355
14590059	14590085	1.81	689 3-	4/0 ACSR 6/1	2071	1964	1852	189	3391	144	43	0.04	2.03	139
14590060	14590059	2.20	689 3-	4/0 ACSR 6/1	1898	1785	1642	188	3390	144	43	0.37	2.50	1163
14590058	14590060	2.27	688 3-	4/0 ACSR 6/1	1868	1755	1607	188	3369	144	42	0.07	2.59	222
14590057	14590058	2.36	625 3-	4/0 ACSR 6/1	1833	1719	1567	188	3050	130	38	0.11	2.68	221
14590043	14590057	2.45	622 3-	4/0 ACSR 6/1	1800	1685	1528	187	3040	130	38	0.11	2.78	218
14580016	14590043	2.51	618 3-	4/0 ACSR 6/1	1779	1664	1505	187	3022	129	38	0.07	2.84	139
14480053	14580016	2.53	615 3-	4/0 ACSR 6/1	1769	1654	1494	187	2992	128	38	0.03	2.87	63
14480123	14480053	2.57	612 3-	4/0 ACSR 6/1	1755	1640	1478	187	2969	127	37	0.05	2.91	94
14480126	14480123	2.72	1 3- 15	KV 2 URD XLP	1706	1595	1433	443	8	0	0	0.00	2.91	0
14480113	14480123	2.63	610 3-	4/0 ACSR 6/1	1737	1622	1458	187	2959	127	37	0.06	2.97	122
D14-48-P254	14480113	2.63	19 1-	REC-50-H	0	0	1458	187	87	11	23	0.00	2.84	0
14480058	D14-48-P254	2.69	19 1-	2 ACSR 6/1	0	0	1427	186	87	11	6	0.02	2.86	1
14580017	14480058	2.75	16 1-	2 ACSR 6/1	0	0	1397	186	79	10	6	0.02	2.88	0
14580019	14580017	2.82	3 1-	2 ACSR 6/1	0	0	1363	185	17	2	1	0.00	2.88	0
14580018	14580017	2.80	11 1-	2 ACSR 6/1	0	0	1374	185	51	6	4	0.01	2.89	0
14580008	14580018	2.86	11 1-	2 ACSR 6/1	0	0	1343	185	51	6	4	0.01	2.90	0
14580041	14580008	3.29	11 1-	2 ACSR 6/1	0	0	1174	181	51	6	4	0.08	2.98	3
14580043	14580041	3.45	1 1-	2 ACSR 6/1	0	0	1120	180	8	1	1	0.00	2.98	0
14580042	14580041	3.35	10 1-	2 ACSR 6/1	0	0	1153	181	43	5	3	0.01	2.99	0
14580023	14580042	3.38	8 1-	2 ACSR 6/1	0	0	1143	181	34	4	2	0.00	2.99	0
14580028	14580023	3.42	7 1-	2 ACSR 6/1	0	0	1127	180	31	4	2	0.00	3.00	0
14580024	14580028	3.48	5 1-	2 ACSR 6/1	0	0	1108	180	21	2	2	0.00	3.00	0
14580031	14580024	3.56	3 1-	2 ACSR 6/1	0	0	1085	179	21	2	1	0.00	3.01	0
14580013	14580031	3.72	2 1-	2 ACSR 6/1	0	0	1037	178	11	1	1	0.01	3.01	0
14580015	14580013	3.77	1 1-	2 ACSR 6/1	0	0	1023	178	0	0	0	0.00	3.01	0
14580014	14580013	3.81	1 1-	2 ACSR 6/1	0	0	1012	178	11	1	1	0.00	3.02	0
14580044	14580014	4.02	0 1-	2 ACSR 6/1	0	0	958	176	0	0	0	0.00	3.02	0
14580030	14580024	3.54	2 1-	2 ACSR 6/1	0	0	1090	180	0	0	0	0.00	3.00	0
14580022	14580042	3.51	2 1-	2 ACSR 6/1	0	0	1099	180	9	1	1	0.01	3.00	0
14580026	14580022	3.55	2 1-	2 ACSR 6/1	0	0	1087	179	9	1	1	0.00	3.00	0
14580027	14580026	3.59	1 1-	2 ACSR 6/1	0	0	1074	179	5	0	0	0.00	3.00	0
14580029	14580008	2.91	0 1-	2 ACSR 6/1	0	0	1324	184	0	0	0	0.00	2.90	0
14580020	14580018	2.83	0 1-	2 ACSR 6/1	0	0	1357	185	0	0	0	0.00	2.89	0
14480107	14480113	2.66	1 1-	2 ACSR 6/1	0	0	1440	186	12	1	1	0.00	2.78	0
14480040	14480113	2.86	590 3-	4/0 ACSR 6/1	1660	1545	1374	186	2858	122	36	0.30	3.20	512
14480041	14480040	2.99	589 3-	4/0 ACSR 6/1	1621	1506	1332	185	2850	122	36	0.17	3.33	283
14480042	14480041	3.14	588 3-	4/0 ACSR 6/1	1576	1461	1284	185	2841	122	36	0.20	3.49	338

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14480074	14480042	3.15	588 3-	4/0 ACSR 6/1	1572	1457	1280	185	2837	122	36	0.02	3.50	30
14480078	14480074	3.16	587 3-	4/0 ACSR 6/1	1570	1456	1278	185	2836	122	36	0.01	3.51	14
14-48-P161-B	14480078	3.16	587 3-	Closed	1570	1456	1278	185	2836	122	0	0.00	3.51	0
14-48-P161-A	14-48-P161-B	3.16	587 3-	Closed	1570	1456	1278	185	2836	122	0	0.00	3.51	0
14480045	14-48-P161-A	3.22	577 3-	4/0 ACSR 6/1	1554	1440	1262	185	2836	122	36	0.07	3.57	125
14480094	14480045	3.31	474 3-	1/0 ACSR 6/1	1521	1407	1231	184	2061	88	39	0.15	3.69	214
D14-48-P217	14480094	3.31	15 1-	FUS-40	0	0	1231	184	112	14	41	0.00	3.70	0
14480134	D14-48-P217	3.37	15 1-	2 ACSR 6/1	0	0	1210	184	112	14	8	0.02	3.72	2
14480063	14480134	3.41	13 1-	2 ACSR 6/1	0	0	1194	183	94	12	7	0.02	3.74	1
14480065	14480063	3.46	11 1-	2 ACSR 6/1	0	0	1178	183	86	11	6	0.01	3.75	0
14480066	14480065	3.51	11 1-	2 ACSR 6/1	0	0	1162	183	86	11	6	0.01	3.76	0
14480067	14480066	3.55	9 1-	2 ACSR 6/1	0	0	1146	182	82	10	6	0.01	3.78	0
14480084	14480067	3.61	2 1-	2 ACSR 6/1	0	0	1129	182	24	3	2	0.00	3.78	0
14480083	14480067	3.60	6 1-	2 ACSR 6/1	0	0	1131	182	48	6	4	0.01	3.79	0
14480085	14480083	3.65	5 1-	2 ACSR 6/1	0	0	1116	181	39	5	3	0.01	3.79	0
14480086	14480085	3.69	3 1-	2 ACSR 6/1	0	0	1102	181	26	3	2	0.00	3.80	0
14480069	14480086	3.72	2 1-	2 ACSR 6/1	0	0	1093	181	16	2	1	0.00	3.80	0
14480064	14480063	3.44	1 1-	2 ACSR 6/1	0	0	1185	183	2	0	0	0.00	3.74	0
14480102	14480094	3.38	458 3-	1/0 ACSR 6/1	1500	1386	1211	184	1942	83	36	0.09	3.77	127
D14-48-P011	14480102	3.38	456 3-	REC-100-L	1500	1386	1211	184	1931	83	83	0.00	3.77	0
14480096	D14-48-P011	3.41	456 3-	1/0 ACSR 6/1	1490	1376	1201	184	1931	83	36	0.04	3.81	61
14480095	14480096	3.49	452 3-	1/0 ACSR 6/1	1462	1349	1176	183	1902	81	36	0.12	3.91	164
14480109	14480095	3.54	15 1-	2 ACSR 6/1	0	0	1160	183	101	13	7	0.02	4.27	1
14480111	14480109	3.57	2 1-	2 ACSR 6/1	0	0	1150	182	15	1	1	0.00	4.27	0
14480110	14480109	3.59	10 1-	2 ACSR 6/1	0	0	1144	182	65	8	5	0.01	4.28	0
14480051	14480110	3.62	8 1-	2 ACSR 6/1	0	0	1132	182	55	7	4	0.01	4.29	0
14480050	14480051	3.66	4 1-	2 ACSR 6/1	0	0	1120	182	31	3	2	0.00	4.29	0
14480108	14480050	3.70	1 1-	2 ACSR 6/1	0	0	1108	181	8	1	1	0.00	4.29	0
14480060	14480051	3.70	3 1-	2 ACSR 6/1	0	0	1107	181	16	2	1	0.00	4.29	0
14480103	14480095	3.54	437 3-	1/0 ACSR 6/1	1448	1335	1162	183	1800	77	34	0.06	3.97	81
14480112	14480103	3.77	424 3-	1/0 ACSR 6/1	1378	1266	1098	182	1727	74	32	0.27	4.23	375
14480062	14480112	4.00	416 3-	1/0 ACSR 6/1	1316	1205	1043	180	1677	72	32	0.23	4.47	341
14470069	14480062	4.04	2 1-	2 ACSR 6/1	0	0	1031	180	4	0	0	0.00	4.50	0
14470071	14470069	4.13	1 1-	15 KV 2 URD XLP	0	0	1010	403	0	0	0	0.00	4.50	0
14470070	14470069	4.09	1 1-	2 ACSR 6/1	0	0	1019	180	4	0	0	0.00	4.50	0
14470019	14480062	4.09	2 3-	1/0 ACSR 6/1	1293	1183	1022	180	11	0	0	0.00	4.47	0
14470050	14470019	4.11	1 3-	1/0 ACSR 6/1	1287	1178	1017	180	8	0	0	0.00	4.47	0
14470065	14470019	4.17	1 1-	2 ACSR 6/1	0	0	1000	179	3	0	0	0.00	4.79	0
14470066	14470065	4.25	1 1-	15 KV 2 URD XLP	0	0	983	399	3	0	0	0.00	4.79	0
14470022	14480062	4.22	408 3-	1/0 ACSR 6/1	1261	1152	994	179	1631	70	31	0.22	4.70	312
D14-47-P017	14470022	4.22	1 1-	FUS	0	0	994	179	1	0	2	0.00	5.01	0
14470077	D14-47-P017	4.32	1 1-	2 ACSR 6/1	0	0	969	178	1	0	0	0.00	5.01	0
14470056	14470022	4.43	405 3-	1/0 ACSR 6/1	1212	1104	950	178	1620	70	31	0.21	4.92	299
14570035	14470056	4.49	403 3-	1/0 ACSR 6/1	1200	1093	940	178	1609	69	30	0.05	4.97	75
14570038	14570035	4.76	2 1-	15 KV 2 URD XLP	0	0	883	381	7	0	1	0.00	4.99	0
14570027	14570035	4.58	401 3-	1/0 ACSR 6/1	1179	1073	922	177	1602	69	30	0.09	5.07	132
14570030	14570027	4.66	1 1-	2 ACSR 6/1	0	0	905	177	11	1	1	0.00	4.76	0
14470029	14570030	4.72	1 1-	2 ACSR 6/1	0	0	892	176	11	1	1	0.00	4.76	0
14570026	14570027	4.84	400 3-	1/0 ACSR 6/1	1128	1024	878	176	1590	69	30	0.25	5.33	344
14470023	14570026	4.86	393 3-	1/0 ACSR 6/1	1122	1018	873	176	1544	67	29	0.03	5.36	38
14470047	14470023	4.89	391 3-	1/0 ACSR 6/1	1117	1014	869	176	1529	66	29	0.02	5.38	33
14470049	14470047	4.93	382 3-	1/0 ACSR 6/1	1110	1006	862	176	1481	64	28	0.04	5.42	47

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	DROP LINE	TOTAL DROP	LINE LOSS
14470054	14470049	4.99	379 3-	1/0 ACSR 6/1	1099	996	854	175	1466	63	28	0.05	5.47	64
	CAP125	14470054	4.99	377 3- Capacitor	1099	996	854	175	1455	63	0	0.00	5.47	0
14470053	CAP125	5.08	365 3-	1/0 ACSR 6/1	1081	980	835	175	1396	61	27	0.10	5.56	105
14470042	14470053	5.17	364 3-	1/0 ACSR 6/1	1065	964	829	174	1393	61	27	0.09	5.65	99
14470017	14470042	5.30	360 3-	1/0 ACSR 6/1	1044	944	807	174	1381	60	26	0.12	5.77	127
14460102	14470017	5.38	359 3-	1/0 ACSR 6/1	1031	931	796	173	1368	60	26	0.08	5.85	86
14460123	14460102	5.47	1 3-	1/0 ACSR 6/1	1015	917	783	173	20	0	0	0.00	5.85	0
14560029	14460123	5.53	0 1-	2 ACSR 6/1	0	0	774	172	0	0	0	0.00	5.85	0
14460092	14460102	5.44	355 3-	1/0 ACSR 6/1	1021	922	787	173	1336	58	26	0.06	5.90	60
14460103	14460092	5.48	158 3-	2 ACSR 6/1	1012	914	781	173	574	25	14	0.01	5.93	13
14460104	14460103	5.72	157 3-	2 ACSR 6/1	967	870	744	171	573	25	14	0.08	6.07	74
14460134	14460104	5.79	0 1-	2 ACSR 6/1	0	0	734	171	0	0	0	0.00	6.00	0
14460064	14460104	5.93	156 3-	2 ACSR 6/1	931	835	715	170	571	25	14	0.07	6.20	65
14460071	14460064	5.98	155 3-	2 ACSR 6/1	922	827	708	169	570	25	14	0.02	6.23	15
14460072	14460071	6.04	153 3-	2 ACSR 6/1	913	818	700	169	566	25	14	0.02	6.27	18
14460118	14460072	6.08	4 1-	2 ACSR 6/1	0	0	695	169	9	1	1	0.00	6.10	0
14460119	14460118	6.13	3 1-	2 ACSR 6/1	0	0	689	168	7	0	0	0.00	6.10	0
14460090	14460119	6.15	2 1-	2 ACSR 6/1	0	0	686	168	4	0	0	0.00	6.10	0
14460074	14460072	6.12	140 3-	2 ACSR 6/1	899	805	690	168	530	23	13	0.03	6.31	22
14460075	14460074	6.16	138 3-	2 ACSR 6/1	894	800	685	168	524	23	13	0.01	6.33	9
14460076	14460075	6.19	136 3-	2 ACSR 6/1	889	795	681	168	520	23	13	0.01	6.35	9
14460068	14460076	6.26	135 3-	2 ACSR 6/1	878	785	673	167	518	22	13	0.02	6.39	18
14460077	14460068	6.28	47 1-	2 ACSR 6/1	0	0	670	167	194	25	14	0.02	6.85	2
D14-46-P170	14460077	6.28	46 1-	REC-35-H	0	0	670	167	193	25	14	0.00	6.85	0
14460069	D14-46-P170	6.49	46 1-	2 ACSR 6/1	0	0	645	166	193	25	14	0.16	7.01	25
14460085	14460069	6.54	11 1-	2 ACSR 6/1	0	0	640	165	51	6	4	0.01	7.02	0
14460086	14460085	6.57	10 1-	2 ACSR 6/1	0	0	637	165	47	6	3	0.01	7.03	0
14460087	14460086	6.61	9 1-	2 ACSR 6/1	0	0	633	165	47	6	3	0.01	7.03	0
14460081	14460087	6.66	8 1-	2 ACSR 6/1	0	0	627	165	39	5	3	0.01	7.04	0
14460088	14460081	6.72	1 1-	2 ACSR 6/1	0	0	621	164	0	0	0	0.00	7.04	0
14460082	14460081	6.71	6 1-	2 ACSR 6/1	0	0	622	164	30	4	2	0.00	7.04	0
14460131	14460082	6.76	2 1-	2 ACSR 6/1	0	0	616	164	10	1	1	0.00	7.04	0
14460132	14460131	6.84	1 1-	2 ACSR 6/1	0	0	609	163	4	0	0	0.00	7.05	0
14460070	14460069	6.51	33 1-	2 ACSR 6/1	0	0	644	166	138	18	10	0.01	7.02	0
14460110	14460070	6.52	32 1-	2 ACSR 6/1	0	0	643	166	132	17	10	0.01	7.02	0
14460111	14460110	6.60	32 1-	2 ACSR 6/1	0	0	634	165	132	17	10	0.04	7.06	4
14460109	14460111	6.66	5 1-	2 ACSR 6/1	0	0	627	165	8	1	1	0.00	7.07	0
14460121	14460109	6.72	1 1-	2 ACSR 6/1	0	0	621	164	2	0	0	0.00	7.07	0
14460108	14460111	6.65	26 1-	2 ACSR 6/1	0	0	628	165	120	16	9	0.02	7.09	2
14460107	14460108	6.69	2 1-	2 ACSR 6/1	0	0	624	164	12	1	1	0.00	7.09	0
14460095	14460108	6.72	22 1-	2 ACSR 6/1	0	0	621	164	98	13	7	0.02	7.11	2
14460120	14460095	6.75	4 1-	2 ACSR 6/1	0	0	618	164	17	2	1	0.00	7.11	0
14560032	14460120	6.78	3 1-	2 ACSR 6/1	0	0	615	164	15	1	1	0.00	7.12	0
14560031	14560032	6.83	2 1-	2 ACSR 6/1	0	0	609	164	10	1	1	0.00	7.12	0
14560040	14560031	6.96	1 1-	2 ACSR 6/1	0	0	597	163	4	0	0	0.00	7.12	0
14560041	14560040	7.03	0 1-	2 ACSR 6/1	0	0	591	162	0	0	0	0.00	7.12	0
14560058	14560041	7.15	0 1-	2 ACSR 6/1	0	0	579	161	0	0	0	0.00	7.12	0
14560039	14560031	6.95	1 1-	2 ACSR 6/1	0	0	598	163	6	0	0	0.00	7.12	0
14460130	14460095	6.81	17 1-	2 ACSR 6/1	0	0	611	164	75	10	6	0.03	7.14	2
14560076	14460130	6.89	16 1-	2 ACSR 6/1	0	0	603	163	69	9	5	0.02	7.16	0
14560056	14560076	6.95	13 1-	2 ACSR 6/1	0	0	598	163	53	7	4	0.01	7.17	0
14560057	14560056	6.99	12 1-	2 ACSR 6/1	0	0	594	162	47	6	3	0.01	7.18	0

Case: 2007 - 2010 CONSTRUCTION WORK PLAN - FUTURE WINTER 2010/11 SYSTEM AFTER SYSTEM IMPROVEMENTS
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14560042	14560057	7.03	12 1-	2 ACSR 6/1	0	0	591	162	47	6	3	0.01	7.18	0
14460113	14560042	7.07	10 1-	2 ACSR 6/1	0	0	586	162	40	5	3	0.01	7.19	0
14460101	14460113	7.12	9 1-	2 ACSR 6/1	0	0	582	162	40	5	3	0.01	7.20	0
14460096	14460101	7.15	8 1-	2 ACSR 6/1	0	0	579	161	35	4	3	0.00	7.20	0
14460112	14460096	7.24	2 1-	2 ACSR 6/1	0	0	571	161	11	1	1	0.00	7.20	0
14460122	14460112	7.33	1 1-	2 ACSR 6/1	0	0	564	160	6	0	0	0.00	7.21	0
14560077	14460122	7.36	1 1-	2 ACSR 6/1	0	0	561	160	6	0	0	0.00	7.21	0
14460097	14460096	7.20	4 1-	2 ACSR 6/1	0	0	575	161	17	2	1	0.00	7.20	0
14460098	14460097	7.25	3 1-	2 ACSR 6/1	0	0	570	161	17	2	1	0.00	7.21	0
14460099	14460098	7.30	3 1-	2 ACSR 6/1	0	0	566	161	17	2	1	0.00	7.21	0
14460105	14460099	7.36	2 1-	2 ACSR 6/1	0	0	561	160	10	1	1	0.00	7.21	0
14460133	14460105	7.38	1 1-	2 ACSR 6/1	0	0	559	160	5	0	0	0.00	7.21	0
14560027	14560076	6.97	1 1-	2 ACSR 6/1	0	0	596	163	4	0	0	0.00	7.16	0
14460106	14460070	6.55	1 1-	2 ACSR 6/1	0	0	639	165	7	0	1	0.00	7.02	0
14460038	14460068	6.37	88 3-	1/0 ACSR 6/1	864	772	661	167	324	14	6	0.01	6.41	13
14460083	14460038	6.41	1 1-	2 ACSR 6/1	0	0	657	167	4	0	0	0.00	6.23	0
14460037	14460038	6.42	87 3-	1/0 ACSR 6/1	858	767	657	167	321	14	6	0.00	6.42	5
D14-46-P187	14460037	6.42	87 3-	RBC-35-H	858	767	657	167	321	14	41	0.00	6.42	0
14460084	D14-46-P187	6.48	87 3-	1/0 ACSR 6/1	852	761	651	166	321	14	6	0.00	6.44	6
14460080	14460084	6.53	85 3-	1/0 ACSR 6/1	846	756	647	166	316	14	6	0.00	6.45	5
14460089	14460080	6.59	84 3-	1/0 ACSR 6/1	840	750	642	166	314	13	6	0.01	6.46	6
14460100	14460089	6.65	4 1-	2 ACSR 6/1	0	0	634	165	11	1	1	0.00	6.36	0
14460093	14460089	6.65	1 1-	2 ACSR 6/1	0	0	635	165	2	0	0	0.00	6.36	0
14460035	14460089	6.80	79 3-	1/0 ACSR 6/1	817	728	623	165	301	13	6	0.02	6.51	20
14450039	14460035	6.87	2 1-	2 ACSR 6/1	0	0	616	164	6	0	0	0.00	6.48	0
14450041	14450039	6.92	1 1-	2 ACSR 6/1	0	0	610	164	3	0	0	0.00	6.48	0
14450016	14460035	6.91	77 3-	1/0 ACSR 6/1	805	717	613	164	295	13	6	0.01	6.53	10
14450018	14450016	6.96	77 3-	1/0 ACSR 6/1	800	713	609	164	295	13	6	0.00	6.54	4
14450071	14450018	7.00	21 1-	2 ACSR 6/1	0	0	605	164	113	15	8	0.02	6.25	2
14450072	14450071	7.08	20 1-	2 ACSR 6/1	0	0	598	163	109	14	8	0.03	6.28	3
14450045	14450072	7.13	19 1-	2 ACSR 6/1	0	0	593	163	102	13	8	0.02	6.30	2
14450060	14450045	7.19	17 1-	2 ACSR 6/1	0	0	587	163	91	12	7	0.02	6.32	2
14450061	14450060	7.24	16 1-	2 ACSR 6/1	0	0	582	162	87	11	6	0.02	6.34	1
14450062	14450061	7.29	1 1-	2 ACSR 6/1	0	0	578	162	4	0	0	0.00	6.34	0
14450065	14450062	7.33	1 1-	2 ACSR 6/1	0	0	574	162	4	0	0	0.00	6.34	0
14450063	14450061	7.31	14 1-	2 ACSR 6/1	0	0	576	162	70	9	5	0.02	6.35	0
14450064	14450063	7.39	12 1-	2 ACSR 6/1	0	0	569	161	54	7	4	0.02	6.37	0
14450066	14450064	7.44	10 1-	2 ACSR 6/1	0	0	565	161	48	6	4	0.01	6.38	0
14450067	14450066	7.51	7 1-	2 ACSR 6/1	0	0	559	160	39	5	3	0.01	6.39	0
14450068	14450067	7.56	6 1-	2 ACSR 6/1	0	0	554	160	34	4	2	0.01	6.39	0
14450069	14450068	7.61	6 1-	2 ACSR 6/1	0	0	551	160	34	4	2	0.00	6.40	0
14450070	14450069	7.69	4 1-	2 ACSR 6/1	0	0	544	159	26	3	2	0.01	6.41	0
14460114	14450070	7.79	3 1-	2 ACSR 6/1	0	0	536	159	16	2	1	0.00	6.41	0
14450051	14460114	7.83	1 1-	2 ACSR 6/1	0	0	533	159	7	0	1	0.00	6.41	0
14450058	14450061	7.31	1 1-	2 ACSR 6/1	0	0	576	162	13	1	1	0.00	6.34	0
14450059	14450045	7.23	1 1-	2 ACSR 6/1	0	0	583	162	5	0	0	0.00	6.30	0
14450057	14450059	7.38	0 1-	2 ACSR 6/1	0	0	570	161	0	0	0	0.00	6.30	0
14450040	14450018	7.05	56 3-	1/0 ACSR 6/1	792	705	602	164	182	8	4	-0.02	6.55	6
14450044	14450040	7.10	56 3-	1/0 ACSR 6/1	786	700	598	163	182	8	4	-0.01	6.56	4
14450043	14450044	7.20	52 3-	1/0 ACSR 6/1	777	691	590	163	177	7	3	-0.02	6.57	6
14450038	14450043	7.25	51 3-	1/0 ACSR 6/1	772	687	587	163	173	7	3	-0.01	6.57	3
14450047	14450038	7.30	50 3-	1/0 ACSR 6/1	767	683	583	162	171	7	3	-0.01	6.58	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14450048	14450047	7.49	48 3-	1/0 ACSR 6/1	750	667	569	162	161	7	3	-0.03	6.60	10
14450073	14450048	7.53	43 3-	1/0 ACSR 6/1	746	663	566	161	149	6	3	-0.01	6.61	2
14450075	14450073	7.66	1 1-	2 ACSR 6/1	0	0	555	161	5	0	0	0.00	6.82	0
14450074	14450073	7.77	42 3-	1/0 ACSR 6/1	726	645	550	160	144	6	3	-0.03	6.63	10
14450050	14450074	7.85	41 3-	1/0 ACSR 6/1	719	639	544	160	142	6	3	-0.01	6.64	3
14450054	14450050	7.96	40 3-	1/0 ACSR 6/1	710	630	537	160	138	6	3	-0.02	6.65	5
14450056	14450054	8.07	38 3-	1/0 ACSR 6/1	701	622	530	159	133	5	3	-0.01	6.66	4
14440009	14450056	8.19	37 1-	2 ACSR 6/1	0	0	522	158	128	17	10	0.06	7.07	6
14440007	14440009	8.44	36 1-	2 ACSR 6/1	0	0	503	157	125	16	9	0.12	7.19	13
14440005	14440007	8.56	24 1-	2 ACSR 6/1	0	0	496	156	80	10	6	0.03	7.23	2
14540036	14440005	8.72	22 1-	2 ACSR 6/1	0	0	485	155	71	9	5	0.04	7.27	3
14540034	14540036	8.79	20 1-	2 ACSR 6/1	0	0	481	155	69	9	5	0.02	7.29	0
14540037	14540034	8.84	1 1-	2 ACSR 6/1	0	0	477	154	3	0	0	0.00	7.29	0
14540040	14540037	8.89	0 1-	2 ACSR 6/1	0	0	474	154	0	0	0	0.00	7.29	0
14540014	14540034	8.88	19 1-	2 ACSR 6/1	0	0	475	154	66	8	5	0.02	7.31	1
14540041	14540014	8.96	1 1-	2 ACSR 6/1	0	0	470	154	4	0	0	0.00	7.31	0
14540038	14540014	8.92	18 1-	2 ACSR 6/1	0	0	473	154	62	8	5	0.01	7.32	0
14540039	14540038	8.95	2 1-	2 ACSR 6/1	0	0	471	154	2	0	0	0.00	7.32	0
14540049	14540039	8.97	2 1-	2 ACSR 6/1	0	0	469	154	2	0	0	0.00	7.32	0
14540044	14540038	8.94	14 1-	2 ACSR 6/1	0	0	471	154	52	6	4	0.01	7.33	0
14540045	14540044	9.08	14 1-	2 ACSR 6/1	0	0	463	153	52	6	4	0.03	7.35	0
14540048	14540045	9.17	1 1-	2 ACSR 6/1	0	0	458	152	5	0	0	0.00	7.35	0
14540046	14540045	9.12	11 1-	2 ACSR 6/1	0	0	461	153	38	5	3	0.00	7.36	0
14540051	14540046	9.15	9 1-	2 ACSR 6/1	0	0	459	153	28	3	2	0.00	7.36	0
14540053	14540051	9.21	3 1-	2 ACSR 6/1	0	0	456	152	14	1	1	0.00	7.36	0
14540052	14540051	9.22	1 1-	2 ACSR 6/1	0	0	455	152	2	0	0	0.00	7.36	0
14540057	14540051	9.22	3 1-	2 ACSR 6/1	0	0	455	152	8	1	1	0.00	7.36	0
14540056	14540051	9.25	1 1-	2 ACSR 6/1	0	0	453	152	1	0	0	0.00	7.36	0
14540064	14540036	8.81	0 1-	2 ACSR 6/1	0	0	479	155	0	0	0	0.00	7.27	0
14540035	14440005	8.65	1 1-	2 ACSR 6/1	0	0	490	156	1	0	0	0.00	7.23	0
14440008	14440007	8.59	11 1-	2 ACSR 6/1	0	0	494	156	44	5	3	0.02	7.22	0
14440006	14440008	8.69	10 1-	2 ACSR 6/1	0	0	487	155	40	5	3	0.01	7.23	0
14540058	14440006	8.75	8 1-	2 ACSR 6/1	0	0	483	155	31	4	2	0.01	7.24	0
14540060	14540058	8.81	3 1-	2 ACSR 6/1	0	0	480	155	13	1	1	0.00	7.24	0
14540059	14540058	8.79	2 1-	2 ACSR 6/1	0	0	481	155	7	0	1	0.00	7.24	0
14450055	14450054	8.04	1 1-	2 ACSR 6/1	0	0	531	159	1	0	0	0.00	6.98	0
14450049	14450074	7.84	1 1-	2 ACSR 6/1	0	0	544	160	3	0	0	0.00	6.91	0
14450052	14450048	7.54	5 1-	2 ACSR 6/1	0	0	564	161	11	1	1	0.00	6.80	0
14450053	14450052	7.73	1 1-	2 ACSR 6/1	0	0	549	160	2	0	0	0.00	6.80	0
14450046	14450038	7.31	1 1-	2 ACSR 6/1	0	0	581	162	2	0	0	0.00	6.70	0
14450042	14450044	7.16	1 1-	2 ACSR 6/1	0	0	592	163	1	0	0	0.00	6.63	0
14450017	14450016	7.03	0 1-	2 ACSR 6/1	0	0	602	164	0	0	0	0.00	6.54	0
14460135	14460074	6.20	0 1-	2 ACSR 6/1	0	0	680	168	0	0	0	0.00	6.12	0
14460073	14460072	6.13	6 1-	2 ACSR 6/1	0	0	688	168	21	2	2	0.01	6.03	0
14460066	14460073	6.16	4 1-	2 ACSR 6/1	0	0	685	168	18	2	1	0.00	6.03	0
14460067	14460066	6.18	1 1-	2 ACSR 6/1	0	0	682	168	4	0	0	0.00	6.03	0
14460065	14460073	6.19	2 1-	2 ACSR 6/1	0	0	681	168	3	0	0	0.00	6.03	0
14460034	14460092	5.49	197 3-	2 ACSR 6/1	1010	912	779	173	762	33	19	0.06	5.95	29
D14-56-P091	14460034	5.49	197 3-	REC-50-H	1010	912	779	173	761	33	67	0.00	5.95	0
14560025	D14-56-P091	5.53	197 3-	2 ACSR 6/1	1002	904	772	172	761	33	19	0.05	5.98	22
14560026	14560025	5.60	195 3-	2 ACSR 6/1	990	892	762	172	752	33	18	0.07	6.03	34
14560049	14560026	5.61	4 1-	2 ACSR 6/1	0	0	760	172	15	1	1	0.00	5.71	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14560050	14560049	5.64	3 1-	2 ACSR 6/1	0	0	757	172	11	1	1	0.00	5.71	0
14560043	14560026	5.64	16 1-	2 ACSR 6/1	0	0	756	172	68	8	5	0.01	6.09	0
14560044	14560043	5.73	14 1-	2 ACSR 6/1	0	0	743	171	59	7	4	0.02	6.11	0
14560030	14560044	5.81	1 1-	2 ACSR 6/1	0	0	731	170	2	0	0	0.00	6.11	0
14560011	14560044	5.79	13 1-	2 ACSR 6/1	0	0	734	171	57	7	4	0.01	6.12	0
14560046	14560011	5.81	12 1-	2 ACSR 6/1	0	0	731	170	49	6	4	0.00	6.13	0
14560047	14560046	5.87	11 1-	2 ACSR 6/1	0	0	722	170	41	5	3	0.01	6.14	0
14460124	14560047	5.94	1 1-	2 ACSR 6/1	0	0	714	170	12	1	1	0.00	6.14	0
14460091	14560047	5.96	8 1-	2 ACSR 6/1	0	0	710	169	24	3	2	0.01	6.14	0
14460117	14460091	5.98	4 1-	2 ACSR 6/1	0	0	708	169	15	1	1	0.00	6.14	0
14460115	14460091	6.02	4 1-	2 ACSR 6/1	0	0	703	169	9	1	1	0.00	6.15	0
14460116	14460115	6.06	3 1-	2 ACSR 6/1	0	0	697	169	5	0	0	0.00	6.15	0
14560045	14560011	5.83	1 1-	2 ACSR 6/1	0	0	728	170	8	1	1	0.00	6.12	0
14560012	14560026	5.62	175 3-	2 ACSR 6/1	985	887	758	172	669	29	16	0.02	6.05	11
14560051	14560012	5.68	173 3-	2 ACSR 6/1	975	878	751	171	645	28	16	0.04	6.08	19
14560052	14560051	5.76	172 3-	2 ACSR 6/1	961	864	739	171	635	28	16	0.06	6.14	29
14560053	14560052	5.79	1 1-	2 ACSR 6/1	0	0	734	171	12	1	1	0.00	6.20	0
14560013	14560052	5.80	171 3-	2 ACSR 6/1	953	857	733	170	623	27	15	0.03	6.17	15
14560059	14560013	5.84	7 1-	2 ACSR 6/1	0	0	727	170	41	5	3	0.01	6.24	0
14560033	14560059	5.87	2 1-	2 ACSR 6/1	0	0	722	170	17	2	1	0.00	6.24	0
14560060	14560059	5.88	3 1-	2 ACSR 6/1	0	0	721	170	15	2	1	0.00	6.24	0
14560061	14560060	5.92	3 1-	2 ACSR 6/1	0	0	716	170	15	2	1	0.00	6.25	0
14560036	14560061	5.99	2 1-	2 ACSR 6/1	0	0	706	169	11	1	1	0.00	6.25	0
14560037	14560036	6.04	1 1-	2 ACSR 6/1	0	0	700	169	2	0	0	0.00	6.25	0
14560034	14560013	5.85	164 3-	2 ACSR 6/1	945	849	726	170	581	25	14	0.03	6.20	14
14560072	14560034	5.99	8 1-	2 ACSR 6/1	0	0	707	169	35	4	3	0.02	5.88	0
14570017	14560072	6.06	6 1-	2 ACSR 6/1	0	0	698	169	30	3	2	0.01	5.89	0
14570021	14570017	6.12	1 1-	2 ACSR 6/1	0	0	690	168	2	0	0	0.00	5.89	0
14570019	14570017	6.11	5 1-	2 ACSR 6/1	0	0	691	168	28	3	2	0.00	5.89	0
14570022	14570019	6.17	2 1-	2 ACSR 6/1	0	0	683	168	11	1	1	0.00	5.90	0
14570020	14570019	6.17	1 1-	2 ACSR 6/1	0	0	684	168	7	0	0	0.00	5.90	0
14570056	14570020	6.22	1 1-	2 ACSR 6/1	0	0	678	168	7	0	0	0.00	5.90	0
14560035	14560034	5.92	153 3-	2 ACSR 6/1	933	837	716	170	542	23	13	0.04	6.24	18
14560062	14560035	6.00	31 1-	2 ACSR 6/1	0	0	705	169	125	16	9	0.04	6.55	4
14570014	14560062	6.06	2 1-	2 ACSR 6/1	0	0	698	169	5	0	0	0.00	6.55	0
14570033	14560062	6.13	4 1-	2 ACSR 6/1	0	0	688	168	15	2	1	0.01	6.55	0
14570034	14570033	6.18	2 1-	2 ACSR 6/1	0	0	682	168	11	1	1	0.00	6.55	0
14570028	14560062	6.06	1 1-	2 ACSR 6/1	0	0	698	169	1	0	0	0.00	6.55	0
14570031	14560062	6.15	24 1-	2 ACSR 6/1	0	0	686	168	104	13	8	0.06	6.60	5
14570032	14570031	6.19	23 1-	2 ACSR 6/1	0	0	681	168	102	13	8	0.01	6.62	1
14570029	14570032	6.27	22 1-	2 ACSR 6/1	0	0	671	167	101	13	7	0.03	6.65	3
14570039	14570029	6.34	18 1-	2 ACSR 6/1	0	0	662	167	72	9	5	0.02	6.67	1
14570047	14570039	6.40	1 1-	2 ACSR 6/1	0	0	656	166	2	0	0	0.00	6.67	0
14570051	14570047	6.44	0 1-	2 ACSR 6/1	0	0	652	166	0	0	0	0.00	6.67	0
14570046	14570039	6.39	15 1-	2 ACSR 6/1	0	0	658	166	67	8	5	0.01	6.68	0
14570052	14570046	6.42	14 1-	2 ACSR 6/1	0	0	654	166	62	8	5	0.01	6.69	0
14570054	14570052	6.45	3 1-	2 ACSR 6/1	0	0	650	166	18	2	1	0.00	6.69	0
14570050	14570054	6.50	2 1-	2 ACSR 6/1	0	0	645	166	12	1	1	0.00	6.69	0
14570053	14570052	6.47	9 1-	2 ACSR 6/1	0	0	648	166	38	5	3	0.01	6.70	0
14570013	14570053	6.52	7 1-	2 ACSR 6/1	0	0	643	166	35	4	3	0.01	6.70	0
14570049	14570013	6.58	5 1-	2 ACSR 6/1	0	0	636	165	27	3	2	0.01	6.71	0
14570018	14570049	6.64	3 1-	2 ACSR 6/1	0	0	629	165	20	2	1	0.00	6.71	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14570048	14570013	6.62	1 1-	2 ACSR 6/1	0	0	632	165	2	0	0	0.00	6.70	0
14570041	14570053	6.49	2 1-	2 ACSR 6/1	0	0	646	166	3	0	0	0.00	6.70	0
14570042	14570041	6.60	1 1-	2 ACSR 6/1	0	0	634	165	3	0	0	0.00	6.70	0
14570040	14570039	6.46	1 1-	2 ACSR 6/1	0	0	649	166	2	0	0	0.00	6.67	0
14570043	14570029	6.32	4 1-	2 ACSR 6/1	0	0	665	167	29	3	2	0.00	6.66	0
14570044	14570043	6.41	3 1-	2 ACSR 6/1	0	0	655	166	20	2	2	0.00	6.66	0
14570045	14570044	6.46	1 1-	2 ACSR 6/1	0	0	649	166	9	1	1	0.00	6.66	0
14560063	14560035	5.94	119 3-	2 ACSR 6/1	929	834	713	169	403	17	10	0.01	6.25	4
14560064	14560063	6.00	116 3-	2 ACSR 6/1	919	824	705	169	391	17	10	0.03	6.27	10
14560065	14560064	6.05	110 3-	2 ACSR 6/1	910	816	698	169	365	16	9	0.03	6.29	9
14560066	14560065	6.15	107 3-	2 ACSR 6/1	894	801	686	168	360	15	9	0.05	6.33	16
14560068	14560066	6.27	105 3-	2 ACSR 6/1	877	784	672	167	355	15	9	0.05	6.37	17
14560055	14560068	6.32	100 3-	2 ACSR 6/1	869	776	665	167	323	14	8	0.02	6.39	7
14560073	14560055	6.38	99 3-	2 ACSR 6/1	860	768	658	167	317	14	8	0.02	6.41	8
14560074	14560073	6.41	98 3-	2 ACSR 6/1	856	764	655	166	313	13	8	0.01	6.42	4
14560070	14560074	6.46	93 3-	2 ACSR 6/1	848	756	649	166	304	13	8	0.02	6.44	7
14560071	14560070	6.50	1 1-	2 ACSR 6/1	0	0	645	166	3	0	0	0.00	6.50	0
14560010	14560070	6.52	92 3-	2 ACSR 6/1	839	748	642	166	301	13	7	0.02	6.45	8
14560028	14560010	6.59	90 3-	2 ACSR 6/1	830	739	634	165	290	12	7	0.02	6.48	8
14560022	14560028	6.68	89 3-	2 ACSR 6/1	818	729	625	165	288	12	7	0.03	6.50	10
14660073	14560022	6.71	1 1-	2 ACSR 6/1	0	0	622	164	2	0	0	0.00	6.40	0
14660072	14560022	6.74	41 1-	2 ACSR 6/1	0	0	619	164	134	17	10	0.03	6.65	4
D14-66-P009	14660072	6.74	41 1-	REC-35-H	0	0	619	164	134	17	51	0.00	6.65	0
14660040	D14-66-P009	6.81	41 1-	2 ACSR 6/1	0	0	612	164	134	17	10	0.04	6.68	4
14660059	14660040	6.93	1 1-	2 ACSR 6/1	0	0	600	163	3	0	0	0.00	6.68	0
14660057	14660040	6.89	40 1-	2 ACSR 6/1	0	0	603	163	131	17	10	0.04	6.72	4
14660058	14660057	7.07	38 1-	2 ACSR 6/1	0	0	587	162	128	17	9	0.09	6.81	9
14660056	14660058	7.17	36 1-	2 ACSR 6/1	0	0	577	161	126	16	9	0.05	6.86	5
14660045	14660056	7.42	30 1-	2 ACSR 6/1	0	0	556	160	106	14	8	0.10	6.96	9
14660046	14660045	7.58	29 1-	2 ACSR 6/1	0	0	543	159	105	13	8	0.06	7.02	6
14660039	14660046	7.95	18 1-	2 ACSR 6/1	0	0	515	157	63	8	5	0.09	7.11	5
14660068	14660039	7.99	7 1-	2 ACSR 6/1	0	0	512	156	17	2	1	0.00	7.12	0
14660069	14660068	8.07	6 1-	2 ACSR 6/1	0	0	506	156	13	1	1	0.00	7.12	0
14660070	14660069	8.11	5 1-	2 ACSR 6/1	0	0	503	156	10	1	1	0.00	7.12	0
14660047	14660070	8.85	3 1-	2 ACSR 6/1	0	0	457	151	5	0	0	0.01	7.13	0
14750001	14660047	8.92	2 1-	2 ACSR 6/1	0	0	453	151	2	0	0	0.00	7.13	0
14660067	14660039	8.08	11 1-	2 ACSR 6/1	0	0	505	156	46	6	3	0.02	7.14	0
14660075	14660067	8.18	9 1-	2 ACSR 6/1	0	0	498	155	39	5	3	0.01	7.15	0
14660060	14660075	8.24	8 1-	2 ACSR 6/1	0	0	494	155	33	4	2	0.01	7.16	0
14650038	14660060	8.30	4 1-	2 ACSR 6/1	0	0	490	154	16	2	1	0.00	7.16	0
14650039	14650038	8.57	0 1-	2 ACSR 6/1	0	0	473	153	0	0	0	0.00	7.16	0
14650040	14650038	8.34	4 1-	2 ACSR 6/1	0	0	488	154	16	2	1	0.00	7.16	0
14650042	14650040	8.58	2 1-	2 ACSR 6/1	0	0	473	153	5	0	0	0.00	7.17	0
14650045	14650042	8.63	1 1-	2 ACSR 6/1	0	0	470	153	2	0	0	0.00	7.17	0
14650043	14650045	8.72	0 1-	2 ACSR 6/1	0	0	464	152	0	0	0	0.00	7.17	0
14650046	14650043	8.78	0 1-	2 ACSR 6/1	0	0	461	152	0	0	0	0.00	7.17	0
14650041	14650040	8.38	2 1-	2 ACSR 6/1	0	0	485	154	12	1	1	0.00	7.16	0
14650024	14650041	8.42	1 1-	2 ACSR 6/1	0	0	483	154	8	1	1	0.00	7.17	0
14650022	14650041	8.43	1 1-	2 ACSR 6/1	0	0	482	154	4	0	0	0.00	7.17	0
14650023	14650022	8.47	0 1-	2 ACSR 6/1	0	0	479	153	0	0	0	0.00	7.17	0
14-65-P045-A	14650023	8.47	0 1-	Open	0	0	479	153	0	0	0	0.00	7.17	0
14650031	14660060	8.28	1 1-	2 ACSR 6/1	0	0	491	155	10	1	1	0.00	7.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14660074	14660067	8.13	1 1-	2 ACSR 6/1	0	0	502	155	4	0	0	0.00	7.14	0
14660080	14660046	7.74	11 1-	2 ACSR 6/1	0	0	530	158	41	5	3	0.02	7.05	0
14660082	14660080	7.78	1 1-	2 ACSR 6/1	0	0	527	158	2	0	0	0.00	7.05	0
14660081	14660080	7.82	9 1-	2 ACSR 6/1	0	0	524	157	36	4	3	0.01	7.06	0
14660083	14660081	7.91	7 1-	2 ACSR 6/1	0	0	517	157	29	3	2	0.01	7.07	0
14660084	14660083	8.02	6 1-	2 ACSR 6/1	0	0	509	156	26	3	2	0.01	7.08	0
14660085	14660084	8.11	5 1-	2 ACSR 6/1	0	0	503	156	24	3	2	0.01	7.09	0
14660049	14660085	8.16	2 1-	2 ACSR 6/1	0	0	500	155	10	1	1	0.00	7.09	0
14760004	14660049	8.37	0 1-	2 ACSR 6/1	0	0	486	154	0	0	0	0.00	7.09	0
14660086	14660085	8.16	3 1-	2 ACSR 6/1	0	0	500	155	14	1	1	0.00	7.09	0
14660078	14660086	8.22	1 1-	2 ACSR 6/1	0	0	496	155	7	0	1	0.00	7.09	0
14660048	14660078	8.28	0 1-	2 ACSR 6/1	0	0	492	155	0	0	0	0.00	7.09	0
14660050	14660086	8.20	1 1-	2 ACSR 6/1	0	0	497	155	3	0	0	0.00	7.09	0
14660051	14660081	8.11	2 1-	2 ACSR 6/1	0	0	503	156	6	0	0	0.01	7.07	0
14760011	14660051	8.23	1 1-	2 ACSR 6/1	0	0	495	155	5	0	0	0.00	7.07	0
14760010	14660051	8.19	1 1-	2 ACSR 6/1	0	0	498	155	1	0	0	0.00	7.07	0
14760003	14760010	8.30	0 1-	2 ACSR 6/1	0	0	491	154	0	0	0	0.00	7.07	0
14760007	14760003	8.42	0 1-	2 ACSR 6/1	0	0	483	154	0	0	0	0.00	7.07	0
14760008	14760007	8.50	0 1-	2 ACSR 6/1	0	0	478	153	0	0	0	0.00	7.07	0
14760006	14760003	8.38	0 1-	2 ACSR 6/1	0	0	485	154	0	0	0	0.00	7.07	0
14760005	14760010	8.27	1 1-	2 ACSR 6/1	0	0	492	155	1	0	0	0.00	7.07	0
14660044	14660056	7.25	6 1-	2 ACSR 6/1	0	0	570	161	20	2	1	0.01	6.87	0
14660052	14660044	7.39	5 1-	2 ACSR 6/1	0	0	558	160	16	2	1	0.01	6.87	0
14660053	14660052	7.44	3 1-	2 ACSR 6/1	0	0	554	160	11	1	1	0.00	6.87	0
14660054	14660053	7.61	3 1-	2 ACSR 6/1	0	0	540	159	11	1	1	0.01	6.88	0
14660055	14660054	7.76	2 1-	2 ACSR 6/1	0	0	528	158	7	0	1	0.00	6.88	0
14650013	14660055	7.84	1 1-	2 ACSR 6/1	0	0	522	157	3	0	0	0.00	6.89	0
14650025	14660055	7.80	1 1-	2 ACSR 6/1	0	0	525	157	4	0	0	0.00	6.89	0
14650026	14650025	7.82	1 1-	2 ACSR 6/1	0	0	524	157	4	0	0	0.00	6.89	0
14650012	14650026	7.86	0 1-	2 ACSR 6/1	0	0	521	157	0	0	0	0.00	6.89	0
14660071	14650022	6.76	45 1-	2 ACSR 6/1	0	0	617	164	147	19	11	0.05	6.45	5
D14-66-P004	14660071	6.76	45 1-	REC-35-H	0	0	617	164	147	19	56	0.00	6.45	0
14660061	D14-66-P004	6.84	45 1-	2 ACSR 6/1	0	0	609	163	147	19	11	0.05	6.50	5
14660062	14660061	6.87	44 1-	2 ACSR 6/1	0	0	605	163	141	18	10	0.02	6.51	2
14660043	14660062	6.97	40 1-	2 ACSR 6/1	0	0	596	163	128	16	9	0.05	6.56	5
14660079	14660043	7.03	1 1-	2 ACSR 6/1	0	0	591	162	2	0	0	0.00	6.56	0
14660076	14660043	7.04	39 1-	2 ACSR 6/1	0	0	589	162	125	16	9	0.03	6.59	4
14660077	14660076	7.12	38 1-	2 ACSR 6/1	0	0	582	162	121	16	9	0.04	6.63	4
14670037	14660077	7.27	36 1-	2 ACSR 6/1	0	0	568	161	117	15	9	0.06	6.70	6
14670039	14670037	7.31	33 1-	2 ACSR 6/1	0	0	565	160	110	14	8	0.02	6.71	2
14670034	14670039	7.37	1 1-	2 ACSR 6/1	0	0	560	160	4	0	0	0.00	6.71	0
14670019	14670039	7.36	32 1-	2 ACSR 6/1	0	0	561	160	106	14	8	0.02	6.73	2
14670041	14670019	7.45	30 1-	2 ACSR 6/1	0	0	553	160	96	12	7	0.03	6.77	3
14670043	14670041	7.50	29 1-	2 ACSR 6/1	0	0	549	159	86	11	6	0.02	6.78	1
14670044	14670043	7.54	1 1-	2 ACSR 6/1	0	0	545	159	3	0	0	0.00	6.78	0
14670038	14670043	7.53	27 1-	2 ACSR 6/1	0	0	547	159	82	10	6	0.01	6.79	0
14670035	14670038	7.60	26 1-	2 ACSR 6/1	0	0	541	159	74	9	6	0.02	6.81	1
14670036	14670035	7.72	25 1-	2 ACSR 6/1	0	0	532	158	73	9	5	0.03	6.84	2
D14-67-P013	14670036	7.72	19 1-	FUS-40	0	0	532	158	54	7	20	0.00	6.84	0
14670022	D14-67-P013	7.76	19 1-	2 ACSR 6/1	0	0	528	158	54	7	4	0.01	6.85	0
14670046	14670022	7.84	1 1-	2 ACSR 6/1	0	0	522	157	6	0	0	0.00	6.85	0
14670020	14670022	7.82	18 1-	2 ACSR 6/1	0	0	524	157	49	6	4	0.01	6.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14670023	14670020	7.87	1 1-	2 ACSR 6/1	0	0	521	157	8	1	1	0.00	6.86	0
14670021	14670020	7.86	17 1-	2 ACSR 6/1	0	0	521	157	40	5	3	0.01	6.87	0
14670030	14670021	7.92	11 1-	2 ACSR 6/1	0	0	516	157	25	3	2	0.01	6.88	0
14670031	14670030	8.30	11 1-	2 ACSR 6/1	0	0	490	154	25	3	2	0.04	6.91	0
14670026	14670031	8.50	2 1-	2 ACSR 6/1	0	0	477	153	4	0	0	0.00	6.92	0
14670027	14670026	8.60	1 1-	2 ACSR 6/1	0	0	471	153	3	0	0	0.00	6.92	0
14670025	14670031	8.40	8 1-	2 ACSR 6/1	0	0	484	154	22	2	2	0.01	6.92	0
14670053	14670025	8.61	4 1-	2 ACSR 6/1	0	0	471	153	11	1	1	0.01	6.93	0
14670055	14670053	8.85	1 1-	2 ACSR 6/1	0	0	457	151	6	0	0	0.00	6.93	0
14670054	14670053	8.95	3 1-	2 ACSR 6/1	0	0	451	151	6	0	0	0.00	6.93	0
14670049	14670025	8.80	4 1-	2 ACSR 6/1	0	0	460	152	10	1	1	0.02	6.94	0
14680041	14670049	8.89	4 1-	2 ACSR 6/1	0	0	454	151	10	1	1	0.00	6.94	0
14680028	14680041	8.91	1 1-	2 ACSR 6/1	0	0	453	151	3	0	0	0.00	6.94	0
14680010	14680041	8.93	3 1-	2 ACSR 6/1	0	0	452	151	7	0	1	0.00	6.94	0
14680011	14680010	9.07	2 1-	2 ACSR 6/1	0	0	444	150	7	0	1	0.00	6.94	0
14580021	14680011	9.14	1 1-	2 ACSR 6/1	0	0	441	150	4	0	0	0.00	6.95	0
14680029	14680010	9.03	1 1-	2 ACSR 6/1	0	0	446	150	0	0	0	0.00	6.94	0
14670028	14670021	7.93	6 1-	2 ACSR 6/1	0	0	516	157	15	1	1	0.00	6.87	0
14670029	14670028	7.97	4 1-	2 ACSR 6/1	0	0	513	156	9	1	1	0.00	6.87	0
14670024	14670029	8.11	1 1-	2 ACSR 6/1	0	0	503	156	4	0	0	0.00	6.88	0
14670048	14670036	7.80	5 1-	2 ACSR 6/1	0	0	525	157	15	2	1	0.00	6.85	0
14670045	14670048	7.97	4 1-	2 ACSR 6/1	0	0	513	156	10	1	1	0.01	6.85	0
14670032	14670045	8.05	3 1-	2 ACSR 6/1	0	0	507	156	6	0	0	0.00	6.85	0
14770004	14670032	8.20	2 1-	2 ACSR 6/1	0	0	497	155	1	0	0	0.00	6.85	0
14770005	14770004	8.28	0 1-	2 ACSR 6/1	0	0	492	155	0	0	0	0.00	6.85	0
14770006	14770005	8.40	0 1-	2 ACSR 6/1	0	0	484	154	0	0	0	0.00	6.85	0
14670047	14670036	7.76	1 1-	2 ACSR 6/1	0	0	528	158	4	0	0	0.00	6.84	0
14670042	14670041	7.58	1 1-	2 ACSR 6/1	0	0	543	159	10	1	1	0.00	6.77	0
14670040	14670019	7.44	2 1-	2 ACSR 6/1	0	0	554	160	10	1	1	0.00	6.73	0
14670033	14660077	7.29	1 1-	2 ACSR 6/1	0	0	567	161	4	0	0	0.00	6.63	0
14660041	14660062	6.92	3 1-	2 ACSR 6/1	0	0	601	163	6	0	0	0.00	6.51	0
14660042	14660041	6.98	2 1-	2 ACSR 6/1	0	0	595	163	4	0	0	0.00	6.52	0
14660066	14660042	7.04	1 1-	2 ACSR 6/1	0	0	589	162	2	0	0	0.00	6.52	0
14660065	14660042	7.04	1 1-	2 ACSR 6/1	0	0	590	162	3	0	0	0.00	6.52	0
14660064	14660041	7.01	1 1-	2 ACSR 6/1	0	0	592	162	2	0	0	0.00	6.52	0
14660063	14660062	6.93	1 1-	2 ACSR 6/1	0	0	600	163	8	1	1	0.00	6.51	0
14560018	14560010	6.62	2 1-	2 ACSR 6/1	0	0	632	165	11	1	1	0.00	6.31	0
14560069	14560074	6.45	4 1-	2 ACSR 6/1	0	0	650	166	6	0	0	0.00	6.53	0
14560024	14560069	6.60	3 1-	2 ACSR 6/1	0	0	634	165	5	0	0	0.00	6.53	0
14560023	14560069	6.53	1 1-	2 ACSR 6/1	0	0	641	166	2	0	0	0.00	6.53	0
14560054	14560068	6.33	4 1-	2 ACSR 6/1	0	0	665	167	21	2	2	0.00	6.48	0
14560020	14560054	6.43	3 1-	2 ACSR 6/1	0	0	652	166	12	1	1	0.00	6.48	0
14560021	14560020	6.50	1 1-	2 ACSR 6/1	0	0	645	166	7	0	1	0.00	6.48	0
14560019	14560054	6.37	1 1-	2 ACSR 6/1	0	0	659	167	9	1	1	0.00	6.48	0
14560067	14560066	6.20	1 1-	2 ACSR 6/1	0	0	680	168	2	0	0	0.00	6.42	0
14560038	14560065	6.10	2 1-	2 ACSR 6/1	0	0	692	168	4	0	0	0.00	6.38	0
14560048	14560012	5.65	2 1-	2 ACSR 6/1	0	0	754	171	24	3	2	0.00	6.10	0
14560078	14560048	5.68	1 1-	2 ACSR 6/1	0	0	749	171	9	1	1	0.00	6.11	0
14470038	14470042	5.30	4 1-	2 ACSR 6/1	0	0	804	173	11	1	1	0.00	5.65	0
14470039	14470038	5.40	2 1-	2 ACSR 6/1	0	0	786	173	9	1	1	0.00	5.66	0
14470037	14470039	5.47	1 1-	2 ACSR 6/1	0	0	775	172	3	0	0	0.00	5.66	0
14470036	14470039	5.45	1 1-	2 ACSR 6/1	0	0	778	172	6	0	0	0.00	5.66	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14470068	CAP125	5.05	1 1-	2 ACSR 6/1	0	0	842	175	9	1	1	0.00	5.46	0
14470074	CAP125	5.02	11 1-	2 ACSR 6/1	0	0	848	175	51	6	4	0.01	5.17	0
14470075	14470074	5.05	10 1-	2 ACSR 6/1	0	0	841	175	41	5	3	0.00	5.18	0
14470076	14470075	5.11	8 1-	2 ACSR 6/1	0	0	830	174	28	3	2	0.01	5.18	0
14470052	14470076	5.16	5 1-	2 ACSR 6/1	0	0	822	174	15	2	1	0.00	5.19	0
14470073	14470052	5.21	4 1-	2 ACSR 6/1	0	0	814	174	12	1	1	0.00	5.19	0
14470072	14470073	5.25	4 1-	2 ACSR 6/1	0	0	806	173	12	1	1	0.00	5.19	0
14460094	14470072	5.30	3 1-	2 ACSR 6/1	0	0	798	173	12	1	1	0.00	5.19	0
14460129	14460094	5.58	1 1-	2 ACSR 6/1	0	0	754	171	6	0	0	0.00	5.20	0
14470051	14470076	5.14	1 1-	2 ACSR 6/1	0	0	826	174	4	0	0	0.00	5.18	0
14470048	14470047	4.93	8 1-	2 ACSR 6/1	0	0	862	176	36	4	3	0.00	5.08	0
14470033	14470048	5.00	4 1-	2 ACSR 6/1	0	0	848	175	18	2	1	0.00	5.08	0
14470034	14470033	5.04	3 1-	2 ACSR 6/1	0	0	841	175	11	1	1	0.00	5.09	0
14470032	14470048	4.98	2 1-	2 ACSR 6/1	0	0	853	175	7	0	0	0.00	5.08	0
14470018	14570026	4.89	5 1-	2 ACSR 6/1	0	0	867	176	32	4	2	0.01	5.33	0
14470028	14470018	4.96	4 1-	2 ACSR 6/1	0	0	855	175	26	3	2	0.00	5.33	0
14470020	14480062	4.16	4 3-	1/0 ACSR 6/1	1276	1167	1007	180	29	1	1	0.00	4.47	0
14470021	14470020	4.33	1 1-	2 ACSR 6/1	0	0	965	178	10	1	1	0.00	4.14	0
14470031	14470020	4.23	3 3-	1/0 ACSR 6/1	1259	1150	992	179	19	0	0	0.00	4.48	0
14470043	14470031	4.29	2 1-	2 ACSR 6/1	0	0	977	179	10	1	1	0.00	4.15	0
14470030	14470043	4.41	1 1-	2 ACSR 6/1	0	0	950	178	5	0	0	0.00	4.15	0
14470027	14470043	4.33	1 1-	2 ACSR 6/1	0	0	968	178	5	0	0	0.00	4.15	0
14480039	14480112	4.08	8 1-	2 ACSR 6/1	0	0	1013	179	46	6	3	0.05	4.32	2
14570023	14480039	4.17	5 1-	2 ACSR 6/1	0	0	989	179	44	5	3	0.01	4.33	0
14570024	14570023	4.21	2 1-	2 ACSR 6/1	0	0	980	178	21	2	2	0.00	4.34	0
14570025	14570024	4.28	2 1-	2 ACSR 6/1	0	0	962	178	21	2	2	0.00	4.34	0
14570015	14570024	4.24	0 1-	2 ACSR 6/1	0	0	971	178	0	0	0	0.00	4.34	0
14570016	14570015	4.37	0 1-	2 ACSR 6/1	0	0	942	177	0	0	0	0.00	4.34	0
14570037	14480039	4.14	2 1-	2 ACSR 6/1	0	0	996	179	0	0	0	0.00	4.32	0
14570036	14480039	4.17	1 1-	2 ACSR 6/1	0	0	990	179	3	0	0	0.00	4.32	0
14480048	14480103	3.56	12 1-	2 ACSR 6/1	0	0	1154	183	67	8	5	0.01	4.01	0
14480056	14480048	3.60	11 1-	2 ACSR 6/1	0	0	1141	182	59	7	4	0.01	4.02	0
14480055	14480056	3.64	10 1-	2 ACSR 6/1	0	0	1130	182	54	6	4	0.01	4.02	0
14480054	14480055	3.72	9 1-	2 ACSR 6/1	0	0	1105	181	46	6	3	0.01	4.03	0
14480049	14480054	3.76	5 1-	2 ACSR 6/1	0	0	1093	181	23	2	2	0.00	4.04	0
14480061	14480049	3.79	4 1-	2 ACSR 6/1	0	0	1082	181	19	2	1	0.00	4.04	0
14580035	14480061	3.83	3 1-	2 ACSR 6/1	0	0	1071	181	15	1	1	0.00	4.04	0
14580032	14580035	3.87	1 1-	2 ACSR 6/1	0	0	1060	180	2	0	0	0.00	4.04	0
14480059	14480096	3.70	3 1-	2 ACSR 6/1	0	0	1105	181	13	1	1	0.01	4.16	0
14580034	14480059	3.80	1 1-	2 ACSR 6/1	0	0	1073	180	6	0	0	0.00	4.16	0
14580033	14480059	3.79	1 1-	2 ACSR 6/1	0	0	1078	181	4	0	0	0.00	4.16	0
14480043	14480045	3.25	23 3-	4/0 ACSR 6/1	1545	1431	1253	184	152	6	2	0.00	3.57	0
14480092	14480043	3.28	23 3-	4/0 ACSR 6/1	1537	1423	1244	184	152	6	2	0.00	3.57	0
14480100	14480092	3.30	4 1-	2 ACSR 6/1	0	0	1236	184	22	2	2	0.00	3.25	0
14480101	14480100	3.33	3 1-	2 ACSR 6/1	0	0	1226	184	13	1	1	0.00	3.25	0
14480093	14480092	3.37	18 3-	4/0 ACSR 6/1	1514	1400	1220	184	125	5	2	0.00	3.57	0
14480082	14480093	3.40	4 1-	2 ACSR 6/1	0	0	1208	184	23	3	2	0.00	3.26	0
14480070	14480093	3.41	14 3-	4/0 ACSR 6/1	1503	1390	1209	184	102	4	1	0.00	3.58	0
14480116	14480070	3.43	14 3-	4/0 ACSR 6/1	1498	1385	1204	184	102	4	1	0.00	3.58	0
14480120	14480116	3.51	0 1-	2 ACSR 6/1	0	0	1176	183	0	0	0	0.00	3.26	0
14480117	14480116	3.47	11 3-	4/0 ACSR 6/1	1488	1375	1194	184	79	3	1	0.00	3.58	0
14480121	14480117	3.50	10 3-	4/0 ACSR 6/1	1481	1368	1187	184	70	3	1	0.00	3.58	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14480122	14480121	3.55	9 3-	4/0 ACSR 6/1	1466	1354	1172	183	67	2	1	0.00	3.58	0
14480129	14480122	3.68	7 3-	4/0 ACSR 6/1	1436	1324	1142	183	56	2	1	0.00	3.58	0
14480136	14480129	3.70	6 3-	4/0 ACSR 6/1	1430	1319	1137	183	46	2	1	0.00	3.58	0
D14-48-P199	14480136	3.70	6 1-	FUS	0	0	1137	183	46	6	137	0.00	3.28	0
14480127	D14-48-P199	3.73	6 1-	2 ACSR 6/1	0	0	1126	183	46	6	3	0.00	3.28	0
14480137	14480127	3.76	5 1-	2 ACSR 6/1	0	0	1117	182	38	4	3	0.00	3.29	0
14480128	14480137	3.79	4 1-	2 ACSR 6/1	0	0	1109	182	31	3	2	0.00	3.29	0
14480132	14480128	3.83	3 1-	2 ACSR 6/1	0	0	1098	182	25	3	2	0.00	3.29	0
14480133	14480132	3.88	1 1-	2 ACSR 6/1	0	0	1081	181	9	1	1	0.00	3.29	0
14480131	14480128	3.82	1 1-	2 ACSR 6/1	0	0	1100	182	6	0	0	0.00	3.29	0
14480130	14480136	3.73	0 3-	4/0 ACSR 6/1	1425	1314	1131	183	0	0	0	0.00	3.58	0
14480046	14480130	3.73	0 3-	4/0 ACSR 6/1	1423	1311	1129	183	0	0	0	0.00	3.58	0
14-48-PO50-B	14480046	3.73	0 3-	Open	1423	1311	1129	183	0	0	0	0.00	3.58	0
14480044	14480043	3.80	0 1-	2 ACSR 6/1	0	0	1067	180	0	0	0	0.00	3.25	0
14480037	14480045	3.27	90 3-	2 ACSR 6/1	1531	1417	1240	184	622	27	15	0.05	3.60	22
D14-48-PO28	14480037	3.27	90 3-	REC-70-4H	1531	1417	1240	184	621	27	39	0.00	3.60	0
14480075	D14-48-PO28	3.36	90 3-	2 ACSR 6/1	1497	1382	1209	183	621	27	15	0.07	3.66	34
14480079	14480075	3.43	1 1-	2 ACSR 6/1	0	0	1184	183	1	0	0	0.00	4.05	0
14480076	14480075	3.42	89 3-	2 ACSR 6/1	1473	1357	1186	183	620	26	15	0.05	3.70	25
14480077	14480076	3.49	88 3-	2 ACSR 6/1	1446	1331	1162	182	617	26	15	0.06	3.74	28
14480068	14480077	3.66	87 3-	2 ACSR 6/1	1385	1269	1107	181	616	26	15	0.14	3.85	66
14480087	14480068	3.70	80 3-	2 ACSR 6/1	1371	1256	1095	181	589	25	14	0.03	3.88	14
14480088	14480087	3.75	79 3-	2 ACSR 6/1	1354	1238	1079	180	583	25	14	0.04	3.91	18
14480089	14480088	3.92	78 3-	2 ACSR 6/1	1299	1184	1031	179	567	24	14	0.12	4.01	56
14480105	14480089	3.98	78 3-	2 ACSR 6/1	1279	1164	1014	179	567	24	14	0.04	4.05	20
14480106	14480105	4.12	3 3-	2 ACSR 6/1	1238	1124	978	178	23	0	1	0.00	4.05	0
14480097	14480106	4.18	2 3-	2 ACSR 6/1	1222	1108	964	177	13	0	0	0.00	4.05	0
14480057	14480055	4.04	73 3-	2 ACSR 6/1	1261	1146	998	178	529	23	13	0.04	4.08	18
14490109	14480107	4.20	1 1-	2 ACSR 6/1	0	0	959	177	12	1	1	0.00	4.20	0
14490099	14480057	4.10	1 1-	2 ACSR 6/1	0	0	985	178	7	0	0	0.00	4.20	0
14490107	14480057	4.10	70 3-	2 ACSR 6/1	1243	1129	983	178	502	21	12	0.04	4.11	16
14490108	14490107	4.15	68 3-	2 ACSR 6/1	1230	1116	971	177	487	21	12	0.03	4.13	12
14490137	14490108	4.23	67 3-	2 ACSR 6/1	1207	1094	952	177	487	21	12	0.05	4.18	22
14490136	14490137	4.35	58 3-	2 ACSR 6/1	1174	1062	924	176	445	19	11	0.06	4.23	29
14490093	14490136	4.44	1 3-	2 ACSR 6/1	1151	1039	904	175	12	0	0	0.00	4.23	0
14490051	14490136	4.46	57 3-	2 ACSR 6/1	1145	1034	899	175	433	18	11	0.05	4.29	25
14490132	14490051	4.56	1 1-	2 ACSR 6/1	0	0	880	175	2	0	0	0.00	4.43	0
14490054	14490051	4.52	56 3-	2 ACSR 6/1	1131	1020	888	175	430	18	10	0.03	4.31	12
14490112	14490054	4.61	49 3-	2 ACSR 6/1	1108	998	868	174	394	17	10	0.05	4.35	21
14490100	14490112	4.69	14 1-	2 ACSR 6/1	0	0	854	174	113	14	8	0.03	4.53	2
14490101	14490100	4.76	12 1-	2 ACSR 6/1	0	0	840	173	95	12	7	0.02	4.56	2
14490104	14490101	4.79	11 1-	2 ACSR 6/1	0	0	835	173	86	11	6	0.01	4.57	0
14490105	14490104	4.82	8 1-	2 ACSR 6/1	0	0	829	173	60	7	4	0.01	4.57	0
14490052	14490105	4.93	8 1-	2 ACSR 6/1	0	0	809	172	60	7	4	0.03	4.60	1
14490094	14490052	4.96	1 1-	2 ACSR 6/1	0	0	803	172	9	1	1	0.00	4.60	0
14490053	14490052	5.00	7 1-	2 ACSR 6/1	0	0	798	171	52	6	4	0.01	4.61	0
14490096	14490053	5.05	5 1-	2 ACSR 6/1	0	0	788	171	39	5	3	0.01	4.62	0
14490097	14490096	5.25	3 1-	2 ACSR 6/1	0	0	757	170	26	3	2	0.01	4.63	0
14490098	14490097	5.32	1 1-	2 ACSR 6/1	0	0	747	169	7	0	1	0.00	4.63	0
14490095	14490053	5.06	2 1-	2 ACSR 6/1	0	0	788	171	13	1	1	0.00	4.61	0
14490050	14490105	4.86	0 1-	2 ACSR 6/1	0	0	822	172	0	0	0	0.00	4.57	0
14-49-PO98-A	14490050	4.86	0 1-	Open	0	0	822	172	0	0	0	0.00	4.57	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14490139	14490104	4.84	1 1-	2 ACSR 6/1	0	0	826	173	12	1	1	0.00	4.57	0
14490114	14490112	4.66	34 3-	2 ACSR 6/1	1098	989	860	174	273	12	7	0.00	4.36	8
14490115	14490114	4.75	34 3-	2 ACSR 6/1	1077	968	842	173	273	12	7	0.01	4.39	18
14490124	14490115	4.81	33 3-	2 ACSR 6/1	1063	955	831	173	269	11	7	0.01	4.41	12
D14-49-P017	14490124	4.81	31 1-	RBC-35-H	0	0	831	173	252	33	96	0.00	5.39	0
14490116	D14-49-P017	4.85	31 1-	2 ACSR 6/1	0	0	824	172	252	33	19	0.03	5.42	7
14490122	14490116	4.87	31 1-	2 ACSR 6/1	0	0	819	172	252	33	19	0.03	5.45	5
14490123	14490122	4.90	28 1-	2 ACSR 6/1	0	0	814	172	237	31	18	0.03	5.48	5
14490126	14490123	4.94	3 1-	2 ACSR 6/1	0	0	807	172	59	8	5	0.01	5.48	0
14490111	14490123	4.97	25 1-	2 ACSR 6/1	0	0	802	172	178	23	13	0.05	5.52	7
14490081	14490111	4.99	24 1-	2 ACSR 6/1	0	0	798	171	172	22	13	0.01	5.54	2
14490079	14490081	5.04	21 1-	2 ACSR 6/1	0	0	790	171	157	20	12	0.03	5.56	3
14490080	14490079	5.10	3 1-	2 ACSR 6/1	0	0	781	171	23	3	2	0.00	5.57	0
14490089	14490080	5.13	2 1-	2 ACSR 6/1	0	0	775	170	14	1	1	0.00	5.57	0
14490082	14490079	5.14	17 1-	2 ACSR 6/1	0	0	775	170	122	16	9	0.04	5.60	4
14490086	14490082	5.17	12 1-	2 ACSR 6/1	0	0	769	170	91	12	7	0.01	5.61	0
14490087	14490086	5.21	10 1-	2 ACSR 6/1	0	0	763	170	74	9	5	0.01	5.63	0
14490091	14490087	5.23	7 1-	2 ACSR 6/1	0	0	759	170	55	7	4	0.00	5.63	0
14490092	14490091	5.26	5 1-	2 ACSR 6/1	0	0	755	170	40	5	3	0.00	5.63	0
14490090	14490092	5.30	4 1-	2 ACSR 6/1	0	0	749	169	32	4	2	0.01	5.64	0
14490084	14490090	5.33	4 1-	2 ACSR 6/1	0	0	745	169	32	4	2	0.00	5.64	0
14490085	14490084	5.35	3 1-	2 ACSR 6/1	0	0	741	169	19	2	1	0.00	5.64	0
14490106	14490087	5.32	3 1-	2 ACSR 6/1	0	0	746	169	19	2	1	0.00	5.63	0
14490088	14490086	5.21	1 1-	2 ACSR 6/1	0	0	763	170	11	1	1	0.00	5.62	0
14490083	14490082	5.18	1 1-	2 ACSR 6/1	0	0	767	170	6	0	0	0.00	5.60	0
14490078	14490081	5.00	0 1-	2 ACSR 6/1	0	0	797	171	0	0	0	0.00	5.54	0
14-49-P098-B	14490078	5.00	0 1-	Open	0	0	797	171	0	0	0	0.00	5.54	0
14490125	14490124	4.94	2 3-	2 ACSR 6/1	1035	928	807	172	16	0	0	0.00	4.41	0
14490120	14490125	5.08	1 1-	2 ACSR 6/1	0	0	783	171	8	0	1	0.00	3.31	0
14490121	14490120	5.12	0 1-	2 ACSR 6/1	0	0	777	171	0	0	0	0.00	3.31	0
14490129	14490125	4.99	1 3-	2 ACSR 6/1	1024	918	799	171	9	0	0	0.00	4.41	0
14490128	14490129	5.00	0 3-	2 ACSR 6/1	1022	916	797	171	0	0	0	0.00	4.41	0
14-49-P023-B	14490128	5.00	0 1-	Open	0	0	797	171	0	0	0	0.00	3.31	0
14490133	14490054	4.59	7 1-	2 ACSR 6/1	0	0	873	174	36	4	3	0.01	3.37	0
14490110	14490133	4.76	1 1-	2 ACSR 6/1	0	0	841	173	0	0	0	0.00	3.37	0
14490134	14490133	4.63	6 1-	2 ACSR 6/1	0	0	866	174	36	4	3	0.00	3.38	0
14490113	14490134	4.68	4 1-	2 ACSR 6/1	0	0	856	174	21	2	2	0.00	3.38	0
14490135	14490137	4.56	8 1-	2 ACSR 6/1	0	0	880	174	34	4	2	0.04	4.36	1
14390025	14490135	4.63	8 1-	2 ACSR 6/1	0	0	865	174	34	4	2	0.01	4.37	0
14390015	14390025	5.00	1 1-	2 ACSR 6/1	0	0	797	171	6	0	0	0.01	4.37	0
14490142	14390015	5.07	0 1-	2 ACSR 6/1	0	0	786	171	0	0	0	0.00	4.37	0
14490141	14390015	5.07	1 1-	2 ACSR 6/1	0	0	785	171	6	0	0	0.00	4.37	0
14390028	14390025	4.73	7 1-	2 ACSR 6/1	0	0	845	173	28	3	2	0.01	4.37	0
14390029	14390028	4.81	5 1-	2 ACSR 6/1	0	0	831	173	22	2	2	0.01	4.38	0
14390024	14390029	4.87	4 1-	2 ACSR 6/1	0	0	819	172	20	2	1	0.00	4.39	0
14390023	14390024	4.95	3 1-	2 ACSR 6/1	0	0	806	172	20	2	1	0.01	4.39	0
14390027	14390023	4.98	2 1-	2 ACSR 6/1	0	0	800	171	16	2	1	0.00	4.39	0
14390026	14390027	5.10	1 1-	2 ACSR 6/1	0	0	780	171	5	0	0	0.00	4.39	0
14490077	14490108	4.21	1 1-	2 ACSR 6/1	0	0	958	177	0	0	0	0.00	3.36	0
14490064	14490108	4.23	0 3-	2 ACSR 6/1	1207	1094	952	177	0	0	0	0.00	4.13	0
14480091	14480089	3.96	0 1-	2 ACSR 6/1	0	0	1020	179	0	0	0	0.00	4.11	0
14480038	14480068	3.69	7 1-	2 ACSR 6/1	0	0	1097	181	27	3	2	0.00	3.92	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14480081	14480038	3.74	1 1-	2 ACSR 6/1	0	0	1083	181	4	0	0	0.00	3.92	0
14480080	14480038	3.77	6 1-	2 ACSR 6/1	0	0	1075	180	23	2	2	0.01	3.93	0
14480099	14480080	3.84	6 1-	2 ACSR 6/1	0	0	1052	180	23	2	2	0.01	3.94	0
14480098	14480099	3.88	2 1-	2 ACSR 6/1	0	0	1043	179	6	0	0	0.00	3.94	0
14480090	14480099	3.88	4 1-	2 ACSR 6/1	0	0	1042	179	16	2	1	0.00	3.94	0
14480073	14480041	3.03	1 3-	4/0 ACSR 6/1	1608	1493	1318	185	7	0	0	0.00	3.33	0
14480072	14480041	3.06	0 1-	2 ACSR 6/1	0	0	1301	185	0	0	0	0.00	3.25	0
14480071	14480040	2.92	1 2-	4/0 ACSR 6/1	0	1525	1353	186	3	0	0	0.00	3.31	0
14480052	14480053	2.58	3 1-	2 ACSR 6/1	0	0	1469	187	23	2	2	0.00	3.19	0
14480104	14480052	2.62	1 1-	2 ACSR 6/1	0	0	1450	186	7	0	1	0.00	3.19	0
14480135	14580016	2.61	1 1-	2 ACSR 6/1	0	0	1450	186	6	0	0	0.00	3.15	0
14590056	14590058	2.33	3 1-	2 ACSR 6/1	0	0	1574	187	24	3	2	0.00	2.56	0
14590067	14590056	2.36	1 1-	2 ACSR 6/1	0	0	1554	187	6	0	0	0.00	2.56	0
D14-59-P013	14590067	2.36	1 1-	FUS	0	0	1554	187	6	0	16	0.00	2.56	0
14590033	D14-59-P013	2.52	1 1-	2 ACSR 6/1	0	0	1465	186	6	0	0	0.00	2.57	0
14590053	14590033	2.58	1 1-	2 ACSR 6/1	0	0	1431	185	6	0	0	0.00	2.57	0
14590032	14590033	2.57	0 1-	2 ACSR 6/1	0	0	1436	185	0	0	0	0.00	2.57	0
14590070	14590056	2.38	2 1-	2 ACSR 6/1	0	0	1543	187	19	2	1	0.00	2.56	0
14590055	14590058	2.31	58 1-	2 ACSR 6/1	0	0	1581	187	288	37	21	0.05	2.60	10
14590068	14590055	2.33	3 1-	2 ACSR 6/1	0	0	1569	187	14	1	1	0.00	2.60	0
14590069	14590068	2.38	1 1-	2 ACSR 6/1	0	0	1543	187	6	0	0	0.00	2.60	0
14590052	14590055	2.35	0 1-	2 ACSR 6/1	0	0	1558	187	0	0	0	0.00	2.60	0
14590031	14590055	2.36	55 1-	2 ACSR 6/1	0	0	1556	187	273	35	20	0.04	2.65	9
D14-59-P010	14590031	2.36	55 1-	REC-70-L	0	0	1556	187	273	35	50	0.00	2.65	0
14590030	D14-59-P010	2.43	55 1-	2 ACSR 6/1	0	0	1514	187	273	35	20	0.07	2.72	16
14590081	14590030	2.46	10 1-	2 ACSR 6/1	0	0	1498	186	81	10	6	0.01	2.73	0
14590082	14590081	2.50	8 1-	2 ACSR 6/1	0	0	1475	186	66	8	5	0.01	2.74	0
14490117	14590082	2.58	7 1-	2 ACSR 6/1	0	0	1435	185	62	7	4	0.02	2.75	0
14490119	14490117	2.61	6 1-	2 ACSR 6/1	0	0	1417	185	51	6	4	0.01	2.76	0
14490068	14490119	2.64	4 1-	2 ACSR 6/1	0	0	1401	185	33	4	2	0.00	2.76	0
14490072	14490068	2.70	2 1-	2 ACSR 6/1	0	0	1375	184	12	1	1	0.00	2.76	0
14490067	14490068	2.69	1 1-	2 ACSR 6/1	0	0	1379	185	12	1	1	0.00	2.76	0
14490118	14490117	2.62	0 1-	2 ACSR 6/1	0	0	1415	185	0	0	0	0.00	2.75	0
14590104	14590030	2.54	45 1-	2 ACSR 6/1	0	0	1455	186	192	24	14	0.08	2.79	11
14490127	14590104	2.61	44 1-	2 ACSR 6/1	0	0	1419	185	185	23	13	0.05	2.84	7
14490073	14490127	2.72	43 1-	2 ACSR 6/1	0	0	1364	184	182	23	13	0.08	2.92	11
14490057	14490073	2.87	4 1-	2 ACSR 6/1	0	0	1295	183	18	2	1	0.01	2.93	0
14590044	14490057	2.93	1 1-	2 ACSR 6/1	0	0	1270	183	10	1	1	0.00	2.93	0
14490058	14490073	2.77	38 1-	2 ACSR 6/1	0	0	1343	184	161	20	12	0.03	2.94	3
14490059	14490058	2.82	37 1-	2 ACSR 6/1	0	0	1317	183	158	20	11	0.03	2.98	4
14490060	14490059	2.85	35 1-	2 ACSR 6/1	0	0	1305	183	155	20	11	0.01	2.99	2
14490061	14490060	2.91	34 1-	2 ACSR 6/1	0	0	1281	183	152	19	11	0.03	3.02	4
14490074	14490061	3.00	1 1-	2 ACSR 6/1	0	0	1243	182	9	1	1	0.00	3.03	0
14490049	14490061	3.03	0 1-	2 ACSR 6/1	0	0	1229	182	0	0	0	0.00	3.02	0
14-49-P023-A	14490049	3.03	0 1-	Open	0	0	1229	182	0	0	0	0.00	3.02	0
14490048	14490061	3.07	31 1-	2 ACSR 6/1	0	0	1216	182	131	16	9	0.08	3.10	8
14590061	14490048	3.16	13 1-	2 ACSR 6/1	0	0	1181	181	47	6	3	0.02	3.12	0
14590062	14590061	3.21	11 1-	2 ACSR 6/1	0	0	1164	181	44	5	3	0.01	3.13	0
14590051	14590062	3.27	1 1-	2 ACSR 6/1	0	0	1144	180	7	0	0	0.00	3.13	0
14590049	14590062	3.43	10 1-	2 ACSR 6/1	0	0	1091	179	37	4	3	0.03	3.16	0
14590063	14590049	3.49	9 1-	2 ACSR 6/1	0	0	1073	178	37	4	3	0.01	3.16	0
14590065	14590063	3.54	2 1-	2 ACSR 6/1	0	0	1056	178	8	1	1	0.00	3.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14590064	14590063	3.53	3 1-	2 ACSR 6/1	0	0	1061	178	15	1	1	0.00	3.17	0
14590047	14590064	3.58	2 1-	2 ACSR 6/1	0	0	1045	178	14	1	1	0.00	3.17	0
14590048	14590047	3.63	1 1-	2 ACSR 6/1	0	0	1033	177	5	0	0	0.00	3.17	0
14590045	14590064	3.79	1 1-	2 ACSR 6/1	0	0	987	176	1	0	0	0.00	3.17	0
14590046	14590045	4.07	0 1-	2 ACSR 6/1	0	0	920	174	0	0	0	0.00	3.17	0
14590105	14490048	3.25	18 1-	2 ACSR 6/1	0	0	1151	180	83	10	6	0.05	3.15	3
14490131	14590105	3.41	1 1-	2 ACSR 6/1	0	0	1095	179	2	0	0	0.00	3.15	0
14490130	14590105	3.34	12 1-	2 ACSR 6/1	0	0	1119	180	69	8	5	0.02	3.18	1
14490069	14490130	3.45	11 1-	2 ACSR 6/1	0	0	1086	179	61	7	4	0.02	3.20	0
14490071	14490069	3.58	9 1-	2 ACSR 6/1	0	0	1045	178	42	5	3	0.02	3.22	0
14490102	14490071	3.66	2 1-	15 KV 2 URD XLP	0	0	1024	394	20	2	2	0.01	3.22	0
14490103	14490102	3.73	1 1-	15 KV 2 URD XLP	0	0	1003	390	10	1	1	0.00	3.23	0
14490075	14490071	3.86	7 1-	2 ACSR 6/1	0	0	969	176	22	2	2	0.02	3.24	0
14490076	14490075	3.89	5 1-	2 ACSR 6/1	0	0	961	175	16	2	1	0.00	3.24	0
14490062	14490076	3.94	1 1-	2 ACSR 6/1	0	0	949	175	1	0	0	0.00	3.24	0
14490063	14490076	3.91	4 1-	2 ACSR 6/1	0	0	957	175	15	1	1	0.00	3.24	0
14490065	14490063	4.03	2 1-	2 ACSR 6/1	0	0	930	175	7	0	0	0.00	3.24	0
14490066	14490065	4.21	1 1-	2 ACSR 6/1	0	0	889	173	1	0	0	0.00	3.24	0
20851696	14490066	4.40	1 1-	2 ACSR 6/1	0	0	849	172	1	0	0	0.00	3.24	0
14490070	14490069	3.50	1 1-	2 ACSR 6/1	0	0	1069	178	10	1	1	0.00	3.20	0
14590034	14590085	1.78	89 3-	4/0 ACSR 6/1	2087	1981	1873	190	474	20	6	0.00	1.97	0
D14-59-P167	14590034	1.78	89 3-	REC-70-L	2087	1981	1873	190	474	20	29	0.00	1.97	0
14590083	D14-59-P167	1.79	89 3-	4/0 ACSR 6/1	2080	1973	1863	189	474	20	6	0.01	1.98	1
14590086	14590083	1.81	88 3-	4/0 ACSR 6/1	2073	1966	1855	189	471	20	6	0.00	1.98	0
14590087	14590086	1.98	86 3-	4/0 ACSR 6/1	1993	1882	1755	189	461	19	6	0.05	2.01	12
14590078	14590087	2.01	80 3-	4/0 ACSR 6/1	1980	1869	1740	189	434	18	5	0.01	2.01	2
14590088	14590078	2.05	78 3-	4/0 ACSR 6/1	1961	1850	1717	189	419	17	5	0.01	2.02	3
14590091	14590088	2.10	77 3-	4/0 ACSR 6/1	1941	1829	1693	188	410	17	5	0.01	2.03	3
14590092	14590091	2.12	76 3-	4/0 ACSR 6/1	1930	1818	1680	188	404	17	5	0.01	2.03	1
14590096	14590092	2.17	63 3-	4/0 ACSR 6/1	1910	1797	1656	188	359	15	5	0.01	2.04	2
14590066	14590096	2.20	60 3-	4/0 ACSR 6/1	1897	1784	1641	188	335	14	4	0.01	2.04	1
14590102	14590066	2.24	4 1-	2 ACSR 6/1	0	0	1619	188	23	2	2	0.00	1.97	0
14590054	14590066	2.24	55 3-	4/0 ACSR 6/1	1881	1768	1622	188	307	13	4	0.01	2.04	1
14580025	14590054	2.37	54 3-	4/0 ACSR 6/1	1831	1717	1564	188	303	12	4	0.02	2.06	4
14580037	14580025	2.44	3 1-	2 ACSR 6/1	0	0	1521	187	14	1	1	0.00	2.00	0
14680032	14580037	2.47	1 1-	2 ACSR 6/1	0	0	1507	187	10	1	1	0.00	2.00	0
14580036	14580025	2.43	50 3-	4/0 ACSR 6/1	1806	1692	1535	187	280	12	4	0.01	2.07	2
14680022	14580036	2.50	47 3-	4/0 ACSR 6/1	1782	1667	1508	187	269	11	3	0.01	2.07	2
14680023	14680022	2.55	44 3-	4/0 ACSR 6/1	1763	1648	1486	187	258	11	3	0.01	2.08	1
14680035	14680023	2.61	3 1-	2 ACSR 6/1	0	0	1457	186	8	1	1	0.00	2.02	0
14680036	14680035	2.75	1 1-	2 ACSR 6/1	0	0	1386	185	2	0	0	0.00	2.02	0
14680055	14680035	2.64	0 1-	2 ACSR 6/1	0	0	1442	186	0	0	0	0.00	2.02	0
14680033	14680023	2.59	40 3-	4/0 ACSR 6/1	1751	1636	1473	187	245	10	3	0.00	2.08	0
14680034	14680033	2.63	39 3-	4/0 ACSR 6/1	1737	1622	1458	187	243	10	3	0.00	2.08	0
14680015	14680034	2.66	11 1-	2 ACSR 6/1	0	0	1439	186	42	5	3	0.01	2.03	0
14680016	14680015	2.67	10 1-	2 ACSR 6/1	0	0	1434	186	34	4	2	0.00	2.03	0
14680012	14680016	2.69	7 1-	2 ACSR 6/1	0	0	1424	186	22	2	2	0.00	2.03	0
14680013	14680012	2.71	6 1-	2 ACSR 6/1	0	0	1415	186	20	2	1	0.00	2.03	0
14680018	14680013	2.73	4 1-	2 ACSR 6/1	0	0	1404	186	13	1	1	0.00	2.04	0
14680019	14680018	2.76	3 1-	2 ACSR 6/1	0	0	1390	186	10	1	1	0.00	2.04	0
14680014	14680034	2.70	27 3-	4/0 ACSR 6/1	1713	1597	1431	186	192	8	2	0.00	2.09	1
14680017	14680014	2.76	3 1-	2 ACSR 6/1	0	0	1402	186	25	3	2	0.00	1.86	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14680020	14680017	2.80	1 1-	2 ACSR 6/1	0	0	1380	186	9	1	1	0.00	1.86	0
14680054	14680020	2.95	0 1-	2 ACSR 6/1	0	0	1315	184	0	0	0	0.00	1.86	0
14680025	14680014	2.77	22 3-	4/0 ACSR 6/1	1688	1573	1404	186	151	6	2	0.00	2.09	1
14680047	14680025	2.84	18 1-	2 ACSR 6/1	0	0	1374	186	116	14	8	0.03	2.42	2
14680050	14680047	2.86	3 1-	2 ACSR 6/1	0	0	1364	185	27	3	2	0.00	2.42	0
14680051	14680050	2.90	2 1-	2 ACSR 6/1	0	0	1346	185	14	1	1	0.00	2.42	0
14680048	14680047	2.86	14 1-	2 ACSR 6/1	0	0	1365	185	81	10	6	0.01	2.43	0
14680052	14680048	2.90	13 1-	2 ACSR 6/1	0	0	1347	185	73	9	5	0.01	2.44	0
14680049	14680052	2.94	2 1-	2 ACSR 6/1	0	0	1325	185	16	2	1	0.00	2.44	0
14680053	14680052	2.97	10 1-	2 ACSR 6/1	0	0	1314	185	50	6	4	0.01	2.45	0
14680037	14680053	3.02	4 1-	2 ACSR 6/1	0	0	1291	184	22	2	2	0.00	2.46	0
14680038	14680037	3.07	3 1-	2 ACSR 6/1	0	0	1272	184	20	2	1	0.00	2.46	0
14680039	14680038	3.11	1 1-	2 ACSR 6/1	0	0	1255	183	8	1	1	0.00	2.46	0
14680030	14680053	3.11	6 1-	2 ACSR 6/1	0	0	1254	183	28	3	2	0.01	2.47	0
14680040	14680030	3.15	2 1-	2 ACSR 6/1	0	0	1239	183	12	1	1	0.00	2.47	0
14680031	14680030	3.14	3 1-	2 ACSR 6/1	0	0	1243	183	13	1	1	0.00	2.47	0
14680024	14680031	3.17	1 1-	2 ACSR 6/1	0	0	1233	183	2	0	0	0.00	2.47	0
14680026	14680025	2.86	3 1-	2 ACSR 6/1	0	0	1361	185	26	3	2	0.01	1.86	0
14680027	14680026	2.91	2 1-	2 ACSR 6/1	0	0	1341	185	12	1	1	0.00	1.86	0
14590095	14590092	2.15	12 1-	2 ACSR 6/1	0	0	1661	188	40	5	3	0.00	1.96	0
14590094	14590095	2.18	8 1-	2 ACSR 6/1	0	0	1642	188	12	1	1	0.00	1.96	0
14590093	14590095	2.18	1 1-	2 ACSR 6/1	0	0	1641	188	9	1	1	0.00	1.96	0
14590075	14590078	2.04	2 1-	2 ACSR 6/1	0	0	1719	189	15	1	1	0.00	1.88	0
14590080	14590075	2.07	1 1-	2 ACSR 6/1	0	0	1694	188	6	0	0	0.00	1.88	0
14590079	14590087	2.00	5 1-	2 ACSR 6/1	0	0	1741	189	17	2	1	0.00	1.92	0
14590074	14590079	2.02	4 1-	2 ACSR 6/1	0	0	1726	189	14	1	1	0.00	1.92	0
14590090	14590074	2.07	1 1-	2 ACSR 6/1	0	0	1690	188	3	0	0	0.00	1.92	0
14590076	14590074	2.07	3 1-	2 ACSR 6/1	0	0	1693	188	11	1	1	0.00	1.92	0
14590084	14590110	1.69	0 1-	2 ACSR 6/1	0	0	1924	190	0	0	0	0.00	1.77	0
14590072	14590112	1.66	4 1-	2 ACSR 6/1	0	0	1945	190	17	2	1	0.00	1.72	0
14590073	14590072	1.71	1 1-	2 ACSR 6/1	0	0	1903	189	5	0	0	0.00	1.72	0
14590103	14690064	1.48	7 1-	2 ACSR 6/1	0	0	2068	190	37	4	3	0.01	1.43	0
14590099	14590103	1.52	5 1-	2 ACSR 6/1	0	0	2035	190	31	4	2	0.00	1.44	0
14590101	14590099	1.56	4 1-	2 ACSR 6/1	0	0	1993	190	25	3	2	0.00	1.44	0
14590100	14590101	1.65	1 1-	2 ACSR 6/1	0	0	1913	189	5	0	0	0.00	1.44	0
14590050	14590101	1.66	1 1-	2 ACSR 6/1	0	0	1901	189	7	0	1	0.00	1.44	0
15620034	15620039	0.16	0 3-	336 ACSR 18/1	3118	3220	3548	194	0	0	0	0.00	0.14	0

CKT 1 total losses: \$15,042

SUB	64, CKT 2													
BK6402	GOLDBUG(64)	0.00	581 3-	BK6402	3261	3436	3854	194	2885	120	30	0.00	0.00	0
15620050	BK6402	0.84	581 3-	336 ACSR 18/1	2699	2646	2714	187	2885	120	23	0.38	0.49	1091
14690121	15620050	0.92	581 3-	336 ACSR 18/1	2645	2582	2628	187	2875	120	23	0.04	0.54	113
14690116	14690121	1.02	581 3-	336 ACSR 18/1	2589	2516	2540	186	2874	120	23	0.04	0.60	123
14690117	14690116	1.07	1 1-	2 ACSR 6/1	0	0	2469	186	2	0	0	0.00	0.65	0
14690115	14690116	1.06	580 3-	336 ACSR 18/1	2562	2485	2498	186	2870	120	23	0.02	0.63	61
14690061	14690115	1.16	574 3-	336 ACSR 18/1	2508	2423	2417	186	2839	119	22	0.04	0.68	123
14690060	14690061	1.25	574 3-	1/0 ACSR 6/1	2433	2343	2317	186	2838	119	52	0.14	0.84	366
14690086	14690060	1.34	1 1-	2 ACSR 6/1	0	0	2208	185	3	0	0	0.00	0.91	0
14690053	14690060	1.39	573 3-	1/0 ACSR 6/1	2324	2228	2177	185	2831	118	52	0.21	1.08	565
14690076	14690053	1.48	5 1-	2 ACSR 6/1	0	0	2079	184	31	3	2	0.01	0.88	0
14690077	14690076	1.51	3 1-	2 ACSR 6/1	0	0	2050	184	18	2	1	0.00	0.88	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14690078	14690077	1.58	1 1-	2 ACSR 6/1	0	0	1987	183	6	0	0	0.00	0.88	0
14690079	14690078	1.65	1 1-	2 ACSR 6/1	0	0	1919	183	6	0	0	0.00	0.88	0
14690075	14690053	1.44	1 1-	2 ACSR 6/1	0	0	2122	184	2	0	0	0.00	0.87	0
14690080	14690053	1.47	567 3-	1/0 ACSR 6/1	2267	2167	2105	184	2793	117	51	0.11	1.21	311
14690089	14690080	1.52	565 3-	1/0 ACSR 6/1	2231	2129	2061	184	2784	117	51	0.07	1.30	199
14690106	14690089	1.55	5 1-	2 ACSR 6/1	0	0	2027	184	33	4	2	0.00	1.41	0
14690097	14690106	1.59	4 1-	2 ACSR 6/1	0	0	1989	184	22	2	2	0.00	1.41	0
14690105	14690089	1.68	558 3-	1/0 ACSR 6/1	2127	2019	1935	183	2730	115	50	0.23	1.55	591
14690068	14690105	1.72	3 1-	2 ACSR 6/1	0	0	1895	183	3	0	0	0.00	1.71	0
14690069	14690068	1.76	2 1-	2 ACSR 6/1	0	0	1865	183	2	0	0	0.00	1.71	0
14690057	14690069	1.81	1 1-	2 ACSR 6/1	0	0	1822	182	0	0	0	0.00	1.71	0
14690099	14690105	1.71	1 1-	2 ACSR 6/1	0	0	1905	183	0	0	0	0.00	1.29	0
14690098	14690105	1.70	1 1-	2 ACSR 6/1	0	0	1911	183	3	0	0	0.00	1.29	0
14690052	14690105	1.74	553 3-	1/0 ACSR 6/1	2084	1975	1884	183	2718	114	50	0.10	1.67	256
14-69-P234-B	14690052	1.74	553 3-	Closed	2084	1975	1884	183	2716	114	0	0.00	1.67	0
14-69-P234-A	14-69-P234-B	1.74	553 3-	Closed	2084	1975	1884	183	2716	114	0	0.00	1.67	0
14690058	14-69-P234-A	1.77	553 3-	1/0 ACSR 6/1	2065	1955	1862	183	2716	114	50	0.05	1.72	119
14690059	14690058	2.31	552 3-	1/0 ACSR 6/1	1781	1663	1545	180	2709	114	50	0.78	2.59	1999
14680021	14690059	2.60	551 3-	1/0 ACSR 6/1	1657	1537	1414	178	2686	114	50	0.42	3.06	1079
14780038	14680021	2.77	551 3-	1/0 ACSR 6/1	1588	1469	1344	178	2676	114	50	0.25	3.35	657
14-78-P023-B	14780038	2.77	551 3-	Closed	1588	1469	1344	178	2670	114	0	0.00	3.35	0
14-78-P023-A	14-78-P023-B	2.77	551 3-	Closed	1588	1469	1344	178	2670	114	0	0.00	3.35	0
14780022	14-78-P023-A	2.88	551 3-	1/0 ACSR 6/1	1547	1428	1302	177	2670	114	50	0.17	3.54	426
14780036	14780022	2.95	550 3-	1/0 ACSR 6/1	1525	1406	1281	177	2663	114	50	0.09	3.64	232
14780037	14780036	3.01	550 3-	1/0 ACSR 6/1	1504	1385	1260	176	2661	114	50	0.09	3.74	229
14780039	14780037	3.09	549 3-	1/0 ACSR 6/1	1476	1358	1232	176	2656	114	50	0.12	3.87	316
C14-78-P5	14780039	3.09	0 3-	Capacitor	1476	1358	1232	176	0	-13	0	0.00	3.87	0
14780024	14780039	3.19	544 3-	1/0 ACSR 6/1	1445	1328	1202	175	2626	113	50	0.15	4.04	356
14780026	14780024	3.26	543 3-	1/0 ACSR 6/1	1422	1304	1179	175	2615	113	49	0.12	4.18	285
14780041	14780026	3.33	543 3-	1/0 ACSR 6/1	1401	1284	1160	175	2612	113	49	0.10	4.30	250
14780042	14780041	3.43	541 3-	1/0 ACSR 6/1	1374	1258	1133	174	2603	113	49	0.14	4.46	346
14780047	14780042	3.51	540 3-	1/0 ACSR 6/1	1298	1184	1062	173	2586	112	49	0.42	4.96	1026
14880075	14780047	3.78	538 3-	1/0 ACSR 6/1	1281	1168	1046	173	2562	112	49	0.10	5.07	242
14880062	14880075	3.88	536 3-	1/0 ACSR 6/1	1257	1144	1023	172	2549	111	49	0.15	5.25	363
14880067	14880062	3.97	534 3-	1/0 ACSR 6/1	1235	1123	1003	172	2529	110	48	0.13	5.41	323
REG179	14880067	3.97	530 3-	REGU-167	0	0	0	0	2512	110	50	-4.67	0.00	0
14880074	REG179	4.07	124 3-	1/0 ACSR 6/1	1213	1102	982	171	766	32	14	0.05	0.05	32
14880058	14880074	4.09	1 1-	2 ACSR 6/1	0	0	975	171	2	0	0	0.00	0.05	0
14880025	14880074	4.12	123 3-	1/0 ACSR 6/1	1201	1091	971	171	763	32	14	0.02	0.08	17
14880051	14880025	4.24	1 1-	2 ACSR 6/1	0	0	942	170	6	0	0	0.00	0.07	0
14880045	14880025	4.18	122 3-	1/0 ACSR 6/1	1189	1078	960	171	757	32	14	0.03	0.12	18
D14-88-P017	14880045	4.18	121 3-	REC-70-L	1189	1078	960	171	751	32	46	0.00	0.12	0
14880053	D14-88-P017	4.31	121 3-	1/0 ACSR 6/1	1160	1051	934	170	751	32	14	0.06	0.19	42
14880054	14880053	4.60	1 1-	2 ACSR 6/1	0	0	873	168	9	1	1	0.00	0.15	0
14880052	14880053	4.40	118 3-	1/0 ACSR 6/1	1142	1034	917	169	732	31	14	0.04	0.24	27
14880055	14880052	4.46	0 1-	2 ACSR 6/1	0	0	904	169	0	0	0	0.00	0.18	0
14880061	14880052	4.46	118 3-	1/0 ACSR 6/1	1131	1023	907	169	731	31	14	0.03	0.27	17
14880059	14880061	4.48	1 1-	2 ACSR 6/1	0	0	903	169	3	0	0	0.00	0.23	0
14880056	14880061	4.49	117 3-	1/0 ACSR 6/1	1125	1017	902	169	728	31	14	0.01	0.28	9
14880041	14880056	4.52	115 3-	1/0 ACSR 6/1	1119	1012	897	169	720	31	14	0.01	0.30	8
14880042	14880041	4.63	113 3-	1/0 ACSR 6/1	1098	992	878	168	709	30	13	0.05	0.36	31
14880034	14880042	4.70	2 1-	2 ACSR 6/1	0	0	865	168	11	1	1	0.00	0.31	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14880033	14880042	4.69	109 3-	1/0 ACSR 6/1	1087	982	868	168	688	29	13	0.02	0.39	15
14880036	14880033	4.75	109 3-	1/0 ACSR 6/1	1077	972	860	168	688	29	13	0.02	0.42	14
14880037	14880036	4.84	108 3-	1/0 ACSR 6/1	1061	957	845	167	686	29	13	0.04	0.46	24
14880031	14880037	4.94	107 3-	1/0 ACSR 6/1	1045	942	831	167	683	29	13	0.04	0.51	25
14980023	14880031	5.02	106 3-	1/0 ACSR 6/1	1030	928	818	167	675	29	13	0.04	0.55	23
14980024	14980023	5.12	0 1-	2 ACSR 6/1	0	0	801	166	0	0	0	0.00	0.47	0
14980018	14980023	5.12	0 1-	2 ACSR 6/1	0	0	802	166	0	0	0	0.00	0.44	0
14980019	14980023	5.11	106 3-	1/0 ACSR 6/1	1017	916	806	166	675	29	13	0.03	0.60	21
14980020	14980019	5.17	104 3-	1/0 ACSR 6/1	1008	907	798	166	665	28	13	0.02	0.63	15
14980021	14980020	5.23	104 3-	1/0 ACSR 6/1	998	898	790	166	665	28	13	0.02	0.66	15
14980022	14980021	5.28	104 3-	1/0 ACSR 6/1	991	891	783	165	665	28	13	0.02	0.68	12
14980013	14980022	5.49	103 3-	1/0 ACSR 6/1	959	861	756	164	661	28	12	0.09	0.79	53
20851223	14980013	5.69	103 3-	1/0 ACSR 6/1	932	836	733	163	661	28	12	0.08	0.88	48
20851224	20851223	5.75	103 3-	1/0 ACSR 6/1	925	829	726	163	660	28	12	0.02	0.91	14
20851225	20851224	5.81	102 3-	1/0 ACSR 6/1	917	821	719	163	657	28	12	0.02	0.94	15
20851229	20851225	5.85	97 3-	1/0 ACSR 6/1	911	816	714	163	624	27	12	0.02	0.96	10
20851252	20851229	5.91	96 3-	1/0 ACSR 6/1	903	809	708	162	622	27	12	0.02	0.99	13
20090004	20851252	5.98	3 3-	1/0 ACSR 6/1	895	801	701	162	317	14	6	0.02	1.00	4
20090013	20090004	6.01	2 3-	1/0 ACSR 6/1	892	798	698	162	317	14	6	0.01	1.01	2
20090300	20090013	6.01	2 3-	Consumer	892	798	698	162	317	14	0	0.00	1.01	0
20090010	20090013	6.16	0 3-	1/0 ACSR 6/1	873	781	682	161	0	0	0	0.00	1.01	0
20090012	20090004	6.01	1 1-	2 ACSR 6/1	0	0	696	162	0	0	0	0.00	0.84	0
20090002	20851252	5.96	93 3-	1/0 ACSR 6/1	897	803	703	162	305	12	6	0.01	1.00	3
20-09-P032-B	20090002	5.96	93 3-	Closed	897	803	703	162	305	12	0	0.00	1.00	0
20-09-P032-A	20-09-P032-B	5.96	93 3-	Closed	897	803	703	162	305	12	0	0.00	1.00	0
20851253	20-09-P032-A	5.99	93 3-	1/0 ACSR 6/1	894	800	700	162	305	12	6	0.00	1.00	1
20090005	20851253	6.09	1 1-	2 ACSR 6/1	0	0	687	161	10	1	1	0.00	0.84	0
20851254	20851253	6.15	90 3-	1/0 ACSR 6/1	875	782	683	161	292	12	5	0.01	1.03	8
20851445	20851254	6.21	89 3-	1/0 ACSR 6/1	867	775	677	161	288	12	5	0.01	1.05	3
20851447	20851445	6.29	86 3-	1/0 ACSR 6/1	858	767	669	161	272	11	5	0.01	1.06	3
14990017	20851447	6.32	85 3-	1/0 ACSR 6/1	855	764	667	161	269	11	5	0.00	1.07	1
14990018	14990017	6.38	85 3-	1/0 ACSR 6/1	848	757	661	160	269	11	5	0.00	1.08	3
14990019	14990018	6.42	84 3-	1/0 ACSR 6/1	844	753	657	160	267	11	5	0.00	1.08	2
14990014	14990019	6.47	0 1-	2 ACSR 6/1	0	0	652	160	0	0	0	0.00	0.93	0
14990020	14990019	6.45	83 3-	1/0 ACSR 6/1	840	750	654	160	265	11	5	0.00	1.09	1
14-99-P020-B	14990020	6.45	83 3-	Closed	840	750	654	160	265	11	0	0.00	1.09	0
14-99-P020-A	14-99-P020-B	6.45	83 3-	Closed	840	750	654	160	265	11	0	0.00	1.09	0
14990021	14-99-P020-A	6.54	83 3-	1/0 ACSR 6/1	831	742	646	160	265	11	5	0.01	1.10	3
14990028	14990021	6.58	4 1-	2 ACSR 6/1	0	0	642	159	12	1	1	0.00	0.88	0
14990023	14990021	6.63	76 3-	1/0 ACSR 6/1	821	733	638	159	238	10	4	0.01	1.12	3
14990026	14990023	6.67	75 3-	1/0 ACSR 6/1	818	729	635	159	237	10	4	0.00	1.12	1
14990027	14990026	6.77	1 1-	2 ACSR 6/1	0	0	624	158	1	0	0	0.00	0.98	0
14990024	14990026	6.78	73 3-	1/0 ACSR 6/1	806	719	626	158	235	9	4	0.01	1.14	4
14890073	14990024	6.86	2 1- 15	KV 2 URD XLP	0	0	619	311	4	0	0	0.00	1.00	0
14890042	14990024	6.86	70 3-	1/0 ACSR 6/1	798	711	619	158	229	9	4	0.00	1.15	2
14890043	14890042	6.91	70 3-	1/0 ACSR 6/1	793	707	615	158	229	9	4	0.00	1.16	1
14890044	14890043	6.93	67 3-	1/0 ACSR 6/1	791	705	613	158	219	9	4	0.00	1.16	0
14890045	14890044	7.02	66 3-	1/0 ACSR 6/1	783	697	606	157	210	8	4	0.00	1.18	2
14890046	14890045	7.07	65 3-	1/0 ACSR 6/1	778	693	602	157	208	8	4	0.00	1.18	1
14890048	14890046	7.11	54 3-	1/0 ACSR 6/1	774	689	599	157	175	7	3	0.00	1.19	0
14890049	14890048	7.13	52 3-	1/0 ACSR 6/1	772	689	597	157	170	7	3	0.00	1.19	0
14890051	14890049	7.19	51 3-	1/0 ACSR 6/1	767	682	593	157	167	7	3	0.00	1.20	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14890052	14890051	7.26	49 3-	1/0 ACSR 6/1	760	677	588	156	163	6	3	0.01	1.20	0
14890089	14890052	7.33	47 3-	1/0 ACSR 6/1	754	671	582	156	159	6	3	0.01	1.21	0
14890090	14890089	7.42	46 3-	1/0 ACSR 6/1	746	664	576	156	153	6	3	0.01	1.22	0
14890036	14890090	7.50	44 3-	1/0 ACSR 6/1	740	658	570	155	148	6	3	0.01	1.23	0
14890037	14890036	7.56	42 3-	1/0 ACSR 6/1	734	653	566	155	139	5	3	0.00	1.23	0
14890039	14890037	7.62	40 3-	1/0 ACSR 6/1	730	648	562	155	129	5	2	0.00	1.24	0
14890040	14890039	7.68	39 3-	1/0 ACSR 6/1	724	644	558	155	127	5	2	0.00	1.24	0
14890041	14890040	7.72	38 3-	1/0 ACSR 6/1	721	640	555	154	117	4	2	0.00	1.25	0
14790118	14890041	7.85	37 3-	1/0 ACSR 6/1	711	631	547	154	110	4	2	0.01	1.26	0
14790119	14790118	7.94	34 3-	1/0 ACSR 6/1	704	625	541	153	93	3	2	0.00	1.26	0
14790121	14790119	8.08	31 3-	1/0 ACSR 6/1	693	615	532	153	84	3	2	0.01	1.27	0
14790127	14790121	8.46	30 3-	1/0 ACSR 6/1	666	590	510	151	84	3	2	0.02	1.29	2
15-72-P041-B	14790127	8.46	30 3-	Closed	666	590	510	151	84	3	0	0.00	1.29	0
15-72-P041-A	15-72-P041-B	8.46	30 3-	Closed	666	590	510	151	84	3	0	0.00	1.29	0
15720142	15-72-P041-A	8.47	30 3-	1/0 ACSR 6/1	666	590	510	151	84	3	2	0.00	1.29	0
D15-72-P041	15720142	8.47	30 3-	REC-100-L	666	590	510	151	84	3	4	0.00	1.29	0
15720204	D15-72-P041	8.54	30 3-	1/0 ACSR 6/1	661	585	506	151	84	3	2	0.00	1.30	0
D15-72-P332	15720204	8.54	16 1-	REC-35-L	0	0	506	151	46	5	17	0.00	1.24	0
15720122	D15-72-P332	8.60	16 1-	2 ACSR 6/1	0	0	502	151	46	5	3	0.01	1.25	0
15720165	15720122	8.64	1 1-	2 ACSR 6/1	0	0	499	150	4	0	0	0.00	1.25	0
15720123	15720122	8.66	13 1-	2 ACSR 6/1	0	0	498	150	35	4	2	0.01	1.26	0
15720169	15720123	8.68	11 1-	2 ACSR 6/1	0	0	496	150	31	3	2	0.00	1.26	0
15720170	15720169	8.72	10 1-	2 ACSR 6/1	0	0	494	150	30	3	2	0.00	1.27	0
15720124	15720170	8.81	10 1-	2 ACSR 6/1	0	0	488	149	30	3	2	0.01	1.28	0
15720120	15720124	8.91	3 1-	2 ACSR 6/1	0	0	482	149	15	1	1	0.00	1.28	0
15720121	15720120	8.94	2 1-	2 ACSR 6/1	0	0	480	149	12	1	1	0.00	1.28	0
15720053	15720124	8.83	7 1-	2 ACSR 6/1	0	0	487	149	15	1	1	0.00	1.28	0
15820028	15720053	8.89	3 1-	2 ACSR 6/1	0	0	484	149	8	0	1	0.00	1.28	0
15820031	15820028	9.02	3 1-	2 ACSR 6/1	0	0	476	148	8	0	1	0.00	1.28	0
15820030	15820031	9.10	1 1-	2 ACSR 6/1	0	0	470	148	1	0	0	0.00	1.28	0
15820027	15720053	8.88	3 1-	2 ACSR 6/1	0	0	484	149	6	0	0	0.00	1.28	0
15720203	15720204	8.61	12 3-	1/0 ACSR 6/1	656	581	502	151	38	1	1	0.00	1.30	0
15720202	15720203	8.68	4 3-	1/0 ACSR 6/1	651	577	498	150	15	0	0	0.00	1.30	0
15720135	15720202	8.69	0 3-	1/0 ACSR 6/1	651	576	498	150	0	0	0	0.00	1.30	0
15-72-P331-A	15720135	8.69	0 3-	Open	651	576	498	150	0	0	0	0.00	1.30	0
14790080	14790121	8.19	0 1-	2 ACSR 6/1	0	0	524	152	0	0	0	0.00	0.97	0
14790120	14790119	8.01	1 1-	2 ACSR 6/1	0	0	536	153	0	0	0	0.00	1.16	0
14890038	14890037	7.62	1 1-	2 ACSR 6/1	0	0	561	155	6	0	0	0.00	1.11	0
14890053	14890090	7.49	1 1-	2 ACSR 6/1	0	0	570	155	3	0	0	0.00	1.10	0
14890050	14890049	7.20	1 1-	2 ACSR 6/1	0	0	591	157	3	0	0	0.00	1.06	0
14890074	14890046	7.15	11 1-	2 ACSR 6/1	0	0	595	157	32	4	2	0.01	1.06	0
14890075	14890074	7.18	9 1-	2 ACSR 6/1	0	0	592	157	28	3	2	0.00	1.07	0
14890076	14890075	7.22	8 1-	2 ACSR 6/1	0	0	588	156	24	3	2	0.00	1.07	0
14890085	14890076	7.25	4 1-	2 ACSR 6/1	0	0	586	156	10	1	1	0.00	1.07	0
14890077	14890085	7.29	3 1-	2 ACSR 6/1	0	0	582	156	6	0	0	0.00	1.07	0
14890078	14890077	7.33	1 1-	2 ACSR 6/1	0	0	578	156	1	0	0	0.00	1.07	0
14890047	14890078	7.39	1 1-	2 ACSR 6/1	0	0	573	155	1	0	0	0.00	1.07	0
14990022	14990021	6.66	1 1-	2 ACSR 6/1	0	0	634	159	9	1	1	0.00	0.96	0
14990015	14990021	6.59	2 1-	2 ACSR 6/1	0	0	640	159	7	0	0	0.00	0.96	0
14990016	20851447	6.33	1 1-	2 ACSR 6/1	0	0	664	160	3	0	0	0.00	0.86	0
20851446	20851445	6.29	0 1-	2 ACSR 6/1	0	0	668	161	0	0	0	0.00	0.89	0
20851226	20851225	5.84	5 1-	2 ACSR 6/1	0	0	715	163	32	4	2	0.00	1.26	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
20851227	20851226	5.93	4 1-	2 ACSR 6/1	0	0	704	162	28	3	2	0.01	1.27	0
20851228	20851227	6.00	1 1-	2 ACSR 6/1	0	0	695	162	12	1	1	0.00	1.27	0
14880038	14880037	4.89	1 1-	2 ACSR 6/1	0	0	836	167	3	0	0	0.00	0.40	0
14880035	14880033	4.80	0 1-	2 ACSR 6/1	0	0	848	167	0	0	0	0.00	0.34	0
14880071	REG179	4.01	53 3-	1/0 ACSR 6/1	1225	1113	993	171	265	11	5	0.01	0.01	2
14880073	14880071	4.04	52 3-	1/0 ACSR 6/1	1219	1108	988	171	257	10	5	0.00	0.01	2
14880065	14880073	4.09	50 3-	1/0 ACSR 6/1	1207	1096	977	171	249	10	5	0.01	0.02	2
14880028	14880065	4.16	48 3-	1/0 ACSR 6/1	1192	1082	963	171	241	10	4	0.01	0.03	2
14880077	14880028	4.23	0 1-	2 ACSR 6/1	0	0	947	170	0	0	0	0.00	0.03	0
14880029	14880028	4.22	41 3-	1/0 ACSR 6/1	1179	1069	951	170	209	8	4	0.01	0.04	1
14880057	14880029	4.29	38 3-	1/0 ACSR 6/1	1165	1056	939	170	207	8	4	0.01	0.05	1
14880046	14880057	4.34	38 3-	1/0 ACSR 6/1	1154	1045	929	170	207	8	4	0.00	0.06	1
14880048	14880046	4.39	37 3-	1/0 ACSR 6/1	1145	1037	920	170	201	8	4	0.00	0.06	0
D14-88-P048	14880048	4.39	2 1-	FUS-30	0	0	920	170	11	1	5	0.00	0.05	0
14880026	D14-88-P048	4.47	2 1-	2 ACSR 6/1	0	0	903	169	11	1	1	0.00	0.05	0
14880040	14880026	4.57	1 1-	2 ACSR 6/1	0	0	882	168	9	1	1	0.00	0.05	0
14880039	14880026	4.65	1 1-	2 ACSR 6/1	0	0	867	168	3	0	0	0.00	0.05	0
14880050	14880048	4.48	29 3-	1/0 ACSR 6/1	1127	1020	904	169	178	7	3	0.00	0.07	2
14880030	14880050	4.58	27 3-	1/0 ACSR 6/1	1108	1002	887	169	174	7	3	0.00	0.08	2
14980016	14880030	4.68	25 3-	1/0 ACSR 6/1	1089	984	870	168	165	6	3	0.00	0.09	1
14980017	14980016	4.82	21 3-	1/0 ACSR 6/1	1065	961	849	167	151	6	3	0.01	0.11	2
D14-98-P020	14980017	4.82	21 3-	REC-50-H	1065	961	849	167	151	6	13	0.00	0.11	0
14980014	D14-98-P020	4.88	21 3-	1/0 ACSR 6/1	1054	950	839	167	151	6	3	0.00	0.11	0
14980015	14980014	4.98	20 3-	1/0 ACSR 6/1	1038	935	825	167	142	5	3	0.00	0.12	1
20851220	14980015	5.13	19 3-	1/0 ACSR 6/1	1013	912	803	166	140	5	3	0.00	0.14	2
20851221	20851220	5.55	1 1-	2 ACSR 6/1	0	0	738	163	5	0	0	0.01	0.19	0
20851050	20851221	5.59	1 1-	15 KV 2 URD XLP	0	0	734	335	5	0	0	0.00	0.19	0
20851217	20851220	5.22	17 3-	1/0 ACSR 6/1	999	899	791	166	130	5	2	0.00	0.15	0
20851219	20851217	5.54	15 3-	1/0 ACSR 6/1	952	855	750	164	104	4	2	-0.01	0.17	3
20080001	20851219	5.58	15 3-	1/0 ACSR 6/1	948	850	746	164	104	4	2	0.00	0.17	0
20180006	20080001	5.60	13 3-	1/0 ACSR 6/1	944	847	743	164	91	3	2	0.00	0.17	0
20180007	20180006	5.63	13 3-	1/0 ACSR 6/1	940	843	739	164	91	3	2	0.00	0.17	0
20180004	20180007	5.95	13 3-	1/0 ACSR 6/1	899	805	704	162	91	3	2	-0.01	0.19	3
20852006	20180004	6.02	9 3-	1/0 ACSR 6/1	890	796	696	162	68	2	1	0.00	0.20	0
20852007	20852006	6.11	8 3-	1/0 ACSR 6/1	879	786	687	161	62	2	1	0.00	0.20	0
20852008	20852007	6.43	8 3-	1/0 ACSR 6/1	842	752	656	160	62	2	1	0.00	0.21	1
20852181	20852008	6.53	7 3-	1/0 ACSR 6/1	832	743	647	160	60	2	1	0.00	0.22	0
20852182	20852181	6.59	1 1-	2 ACSR 6/1	0	0	640	159	10	1	1	0.00	0.05	0
20170006	20852181	6.79	1 1-	2 ACSR 6/1	0	0	620	158	16	1	1	0.01	0.38	0
20170003	20852181	6.57	5 3-	1/0 ACSR 6/1	827	738	643	159	34	1	1	0.00	0.22	0
20852005	20170003	6.65	1 1-	15 KV 2 URD XLP	0	0	638	316	9	1	1	0.00	0.38	0
20852184	20170003	6.73	4 3-	1/0 ACSR 6/1	811	724	630	159	25	1	0	0.00	0.22	0
20852183	20852184	6.97	0 3-	1/0 ACSR 6/1	788	702	610	158	0	0	0	0.00	0.22	0
20-17-P045-B	20852183	6.97	0 3-	Open	788	702	610	158	0	0	0	0.00	0.22	0
20852238	20852184	6.80	3 1-	2 ACSR 6/1	0	0	622	158	20	2	1	0.00	0.39	0
20852131	20852238	6.85	2 1-	2 ACSR 6/1	0	0	617	158	15	1	1	0.00	0.39	0
20170004	20180004	6.12	4 1-	2 ACSR 6/1	0	0	683	161	23	2	2	0.01	0.32	0
20180005	20170004	6.17	1 1-	2 ACSR 6/1	0	0	676	161	10	1	1	0.00	0.32	0
20180003	20180007	5.76	0 1-	2 ACSR 6/1	0	0	722	163	0	0	0	0.00	0.26	0
20851218	20851217	5.30	2 1-	2 ACSR 6/1	0	0	778	165	25	3	2	0.01	0.09	0
20851241	20851218	5.45	1 1-	2 ACSR 6/1	0	0	756	164	18	2	1	0.00	0.09	0
14880049	14880048	4.46	5 1-	2 ACSR 6/1	0	0	904	169	11	1	1	0.00	0.07	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14880060	14880049	4.51	3 1-	2 ACSR 6/1	0	0	893	169	2	0	0	0.00	0.07	0
14880047	14880046	4.37	1 1-	2 ACSR 6/1	0	0	923	170	6	0	0	0.00	0.04	0
14880043	14880029	4.28	2 1-	2 ACSR 6/1	0	0	939	170	0	0	0	0.00	0.04	0
14880066	14880028	4.19	5 1-	2 ACSR 6/1	0	0	956	170	22	2	2	0.00	0.03	0
14880064	14880073	4.06	2 1-	2 ACSR 6/1	0	0	983	171	8	1	1	0.00	0.01	0
14880072	14880071	4.06	1 1-	2 ACSR 6/1	0	0	981	171	8	1	1	0.00	0.01	0
14880069	REG179	4.02	351 3-	4/0 ACSR 6/1	1226	1115	994	171	1470	61	18	0.02	0.02	28
14880070	14880069	4.09	0 1-	2 ACSR 6/1	0	0	976	171	0	0	0	0.00	0.03	0
14880044	14880069	4.64	351 3-	4/0 ACSR 6/1	1130	1023	897	169	1470	61	18	0.22	0.31	337
14870039	14880044	4.77	351 3-	4/0 ACSR 6/1	1111	1005	878	169	1467	61	18	0.05	0.37	73
14870040	14870039	4.81	4 1-	2 ACSR 6/1	0	0	871	169	21	2	1	0.00	0.29	0
14870041	14870040	4.84	3 1-	2 ACSR 6/1	0	0	865	169	20	2	1	0.00	0.29	0
14870042	14870039	4.81	347 3-	4/0 ACSR 6/1	1106	1000	873	169	1445	60	18	0.01	0.39	21
14870044	14870042	4.86	345 3-	4/0 ACSR 6/1	1099	993	866	169	1440	60	18	0.02	0.41	27
14870043	14870044	4.94	337 3-	4/0 ACSR 6/1	1087	983	855	168	1390	58	17	0.03	0.45	41
14870030	14870043	4.98	334 3-	4/0 ACSR 6/1	1082	978	850	168	1373	57	17	0.01	0.46	19
C14-87-P22	14870030	4.98	0 3-	Capacitor	1077	972	845	168	0	-6	0	0.00	0.46	0
14870031	14870030	5.03	332 3-	4/0 ACSR 6/1	1077	972	845	168	1364	57	17	0.02	0.49	21
14870032	14870031	5.07	332 3-	4/0 ACSR 6/1	1071	967	839	168	1364	57	17	0.02	0.51	22
14870033	14870032	5.13	330 3-	4/0 ACSR 6/1	1063	959	831	168	1361	57	17	0.03	0.54	30
14870028	14870033	5.21	103 3-	1/0 ACSR 6/1	1049	946	820	168	412	17	8	0.03	0.56	9
D14-87-P129	14870028	5.21	103 3-	REC-70-L	1049	946	820	168	412	17	25	0.00	0.56	0
14870024	D14-87-P129	5.35	103 3-	1/0 ACSR 6/1	1026	925	800	167	412	17	8	0.05	0.60	16
14870025	14870024	5.37	102 3-	1/0 ACSR 6/1	1024	923	798	167	407	17	7	0.01	0.60	2
14870038	14870025	5.47	1 1-	2 ACSR 6/1	0	0	781	166	1	0	0	0.00	0.81	0
14870045	14870025	5.42	101 3-	1/0 ACSR 6/1	1016	915	791	167	406	17	7	0.02	0.62	5
14870047	14870045	5.48	100 3-	1/0 ACSR 6/1	1006	906	783	166	404	17	7	0.02	0.64	7
14870048	14870047	5.53	100 3-	1/0 ACSR 6/1	999	899	777	166	404	17	7	0.02	0.65	5
D14-87-P019	14870048	5.53	1 1-	FUS-20	0	0	777	166	0	0	0	0.00	0.58	0
14870052	D14-87-P019	5.59	1 1-	2 ACSR 6/1	0	0	768	166	0	0	0	0.00	0.58	0
14870053	14870052	5.89	1 1-	2 ACSR 6/1	0	0	724	164	0	0	0	0.00	0.58	0
14870026	14870048	6.14	99 3-	1/0 ACSR 6/1	914	819	705	163	404	17	7	0.23	0.81	67
D14-86-P025	14870026	6.14	10 1-	REC-15-H	0	0	705	163	40	5	34	0.00	0.81	0
14860028	D14-86-P025	6.19	10 1-	2 ACSR 6/1	0	0	700	163	40	5	3	0.01	0.82	0
14960045	14860028	6.28	10 1-	2 ACSR 6/1	0	0	688	162	40	5	3	0.01	0.83	0
14960044	14960045	6.36	9 1-	2 ACSR 6/1	0	0	679	162	38	4	3	0.01	0.84	0
14960020	14960044	6.46	8 1-	2 ACSR 6/1	0	0	667	161	36	4	3	0.01	0.85	0
14960017	14960020	6.52	8 1-	2 ACSR 6/1	0	0	660	161	36	4	3	0.01	0.86	0
14960018	14960017	6.68	7 1-	2 ACSR 6/1	0	0	642	160	35	4	2	0.02	0.88	0
20851036	14960018	6.78	7 1-	2 ACSR 6/1	0	0	632	159	35	4	2	0.01	0.89	0
20851037	20851036	6.97	6 1-	2 ACSR 6/1	0	0	612	158	26	3	2	0.02	0.91	0
20851044	20851037	7.02	6 1-	2 ACSR 6/1	0	0	607	157	26	3	2	0.01	0.92	0
20851046	20851044	7.09	4 1-	2 ACSR 6/1	0	0	601	157	15	1	1	0.00	0.92	0
20851047	20851046	7.17	3 1-	2 ACSR 6/1	0	0	593	157	14	1	1	0.00	0.92	0
20851048	20851047	7.20	2 1-	2 ACSR 6/1	0	0	591	156	8	1	1	0.00	0.92	0
20851049	20851048	7.22	1 1-	2 ACSR 6/1	0	0	588	156	0	0	0	0.00	0.92	0
20851045	20851044	7.10	2 1-	2 ACSR 6/1	0	0	600	157	11	1	1	0.00	0.92	0
20060003	20851044	7.21	0 1-	1/0 ACSR 6/1	0	0	593	157	0	0	0	0.00	0.92	0
20060002	14960018	6.72	0 1-	2 ACSR 6/1	0	0	638	159	0	0	0	0.00	0.88	0
14960027	20060002	6.83	0 1-	2 ACSR 6/1	0	0	627	159	0	0	0	0.00	0.88	0
14960028	14960027	6.93	0 1-	2 ACSR 6/1	0	0	616	158	0	0	0	0.00	0.88	0
14960019	14960044	6.40	1 1-	2 ACSR 6/1	0	0	673	161	2	0	0	0.00	0.84	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14960043	14960045	6.38	1 1-	2 ACSR 6/1	0	0	676	162	2	0	0	0.00	0.83	0
14860053	14870026	6.21	89 3-	1/0 ACSR 6/1	905	811	698	163	363	15	7	0.02	0.83	6
14860029	14860053	6.27	87 3-	1/0 ACSR 6/1	898	805	693	163	353	14	7	0.02	0.84	5
14960021	14860029	6.47	87 3-	1/0 ACSR 6/1	873	782	672	162	353	14	7	0.06	0.89	17
14960022	14960021	6.54	85 3-	1/0 ACSR 6/1	866	774	666	161	347	14	6	0.02	0.91	6
14960023	14960022	6.61	84 3-	1/0 ACSR 6/1	858	767	659	161	342	14	6	0.02	0.92	6
14960024	14960023	6.64	83 3-	1/0 ACSR 6/1	854	764	656	161	340	14	6	0.01	0.93	3
14960031	14960024	6.68	82 3-	1/0 ACSR 6/1	850	760	653	161	328	13	6	0.01	0.94	3
D14-96-P004	14960031	6.68	10 1-	REC-35-H	0	0	653	161	70	8	26	0.00	0.95	0
14960032	D14-96-P004	6.71	10 1-	2 ACSR 6/1	0	0	649	160	70	8	5	0.01	0.96	0
14960033	14960032	6.76	9 1-	2 ACSR 6/1	0	0	644	160	69	8	5	0.01	0.97	0
14960034	14960033	6.78	8 1-	2 ACSR 6/1	0	0	641	160	58	7	4	0.01	0.98	0
14960035	14960034	6.84	2 1-	2 ACSR 6/1	0	0	635	160	12	1	1	0.00	0.98	0
14960015	14960034	6.87	6 1-	2 ACSR 6/1	0	0	633	159	46	5	3	0.01	0.99	0
14960036	14960015	6.89	1 1-	2 ACSR 6/1	0	0	630	159	18	2	1	0.00	0.99	0
14960029	14960015	6.90	2 1-	2 ACSR 6/1	0	0	629	159	6	0	0	0.00	0.99	0
14960030	14960029	6.94	1 1-	2 ACSR 6/1	0	0	625	159	0	0	0	0.00	0.99	0
14960016	14960015	6.93	3 1-	2 ACSR 6/1	0	0	626	159	22	2	2	0.00	1.00	0
14960037	14960016	6.97	0 1-	2 ACSR 6/1	0	0	622	159	0	0	0	0.00	1.00	0
14960025	14960016	6.98	3 1-	2 ACSR 6/1	0	0	621	159	22	2	2	0.00	1.00	0
14960026	14960025	7.07	1 1-	2 ACSR 6/1	0	0	612	158	4	0	0	0.00	1.00	0
14960039	14960031	7.22	71 3-	1/0 ACSR 6/1	794	708	607	158	250	10	5	0.05	1.03	28
14950013	14960039	7.30	70 3-	1/0 ACSR 6/1	786	701	600	158	241	10	4	0.01	1.04	4
14950015	14950013	7.38	64 3-	1/0 ACSR 6/1	779	694	595	158	228	9	4	0.01	1.05	3
14950017	14950015	7.46	64 3-	1/0 ACSR 6/1	771	687	588	157	227	9	4	0.01	1.07	4
14950008	14950017	7.61	64 3-	1/0 ACSR 6/1	757	674	577	157	227	9	4	0.02	1.09	6
14950009	14950008	7.72	63 3-	1/0 ACSR 6/1	748	666	570	156	223	9	4	0.01	1.10	5
14950011	14950009	7.80	0 1-	2 ACSR 6/1	0	0	563	156	0	0	0	0.00	1.80	0
14950012	14950011	7.87	0 1-	2 ACSR 6/1	0	0	557	155	0	0	0	0.00	1.80	0
14950010	14950009	8.11	62 3-	1/0 ACSR 6/1	716	637	544	154	221	9	4	0.04	1.16	17
14940006	14950010	8.16	62 3-	1/0 ACSR 6/1	712	632	541	154	221	9	4	0.01	1.17	2
14940008	14940006	8.23	59 3-	1/0 ACSR 6/1	707	628	537	154	214	9	4	0.01	1.18	3
20850732	14940008	8.44	58 3-	1/0 ACSR 6/1	691	613	524	153	213	9	4	0.01	1.21	8
20850925	20850732	8.60	34 1-	2 ACSR 6/1	0	0	512	152	129	16	9	0.08	2.14	8
D20-04-P010	20850925	8.60	34 1-	REC-25-H	0	0	512	152	129	16	66	0.00	2.14	0
20851032	D20-04-P010	8.89	34 1-	2 ACSR 6/1	0	0	493	150	129	16	9	0.13	2.28	13
20851033	20851032	9.14	33 1-	2 ACSR 6/1	0	0	478	149	125	16	9	0.12	2.39	12
20040005	20851033	9.80	31 1-	2 ACSR 6/1	0	0	441	145	116	15	8	0.29	2.68	26
D20-13-P012	20040005	9.80	31 1-	FUS-15	0	0	441	145	116	15	113	0.00	2.68	0
20130006	D20-13-P012	10.38	31 1-	2 ACSR 6/1	0	0	413	142	116	15	8	0.25	2.93	23
20130005	20130006	10.49	30 1-	2 ACSR 6/1	0	0	408	142	113	14	8	0.05	2.98	4
20851453	20130005	10.53	28 1-	2 ACSR 6/1	0	0	406	141	106	13	8	0.01	2.99	1
20851477	20851453	10.62	3 1-	2 ACSR 6/1	0	0	402	141	15	1	1	0.00	2.99	0
20851478	20851477	10.68	2 1-	2 ACSR 6/1	0	0	400	141	9	1	1	0.00	2.99	0
20851452	20851453	10.99	24 1-	2 ACSR 6/1	0	0	387	139	86	11	6	0.15	3.14	10
20120004	20851452	11.49	21 1-	2 ACSR 6/1	0	0	368	137	68	8	5	0.13	3.26	7
D20-12-P004	20120004	11.49	21 1-	REC-15-H	0	0	368	137	68	8	59	0.00	3.26	0
20120005	D20-12-P004	11.85	21 1-	2 ACSR 6/1	0	0	355	135	68	8	5	0.09	3.36	5
19190016	20120005	12.16	2 1-	2 ACSR 6/1	0	0	345	133	9	1	1	0.01	3.37	0
19190019	19190016	12.21	1 1-	2 ACSR 6/1	0	0	343	133	3	0	0	0.00	3.37	0
19190018	19190016	12.22	1 1-	2 ACSR 6/1	0	0	343	133	6	0	0	0.00	3.37	0
19190015	20120005	12.51	19 1-	2 ACSR 6/1	0	0	334	132	59	7	4	0.14	3.50	7

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
19190017	19190015	12.92	19 1-	2 ACSR 6/1	0	0	323	130	59	7	4	0.09	3.59	4
19190021	19190017	12.99	19 1-	2 ACSR 6/1	0	0	320	130	59	7	4	0.02	3.61	0
19190022	19190021	13.04	18 1-	2 ACSR 6/1	0	0	319	129	59	7	4	0.01	3.62	0
19190023	19190022	13.12	17 1-	2 ACSR 6/1	0	0	317	129	58	7	4	0.02	3.63	0
19190024	19190023	13.16	16 1-	2 ACSR 6/1	0	0	316	129	52	6	4	0.01	3.64	0
19190025	19190024	13.22	15 1-	2 ACSR 6/1	0	0	314	129	46	5	3	0.01	3.65	0
19190032	19190025	13.35	13 1-	2 ACSR 6/1	0	0	311	128	39	5	3	0.02	3.67	0
19190033	19190032	13.42	12 1-	2 ACSR 6/1	0	0	309	128	35	4	3	0.01	3.68	0
19190029	19190033	13.47	11 1-	2 ACSR 6/1	0	0	308	128	32	4	2	0.01	3.68	0
19090004	19190029	13.53	1 1-	2 ACSR 6/1	0	0	306	127	1	0	0	0.00	3.68	0
19090003	19090004	13.61	0 1-	2 ACSR 6/1	0	0	304	127	0	0	0	0.00	3.68	0
19090005	19190029	13.63	8 1-	2 ACSR 6/1	0	0	304	127	26	3	2	0.01	3.70	0
19190026	19090005	13.76	7 1-	2 ACSR 6/1	0	0	301	126	23	2	2	0.01	3.71	0
19190027	19190026	13.80	5 1-	2 ACSR 6/1	0	0	299	126	14	1	1	0.00	3.71	0
19190028	19190027	13.96	3 1-	2 ACSR 6/1	0	0	296	125	9	1	1	0.00	3.71	0
19180003	19190028	14.20	0 1-	2 ACSR 6/1	0	0	290	124	0	0	0	0.00	3.71	0
19180004	19180003	14.29	0 1-	2 ACSR 6/1	0	0	288	124	0	0	0	0.00	3.71	0
19190020	19190017	12.99	0 1-	2 ACSR 6/1	0	0	320	130	0	0	0	0.00	3.59	0
20851448	20851452	11.16	3 1-	2 ACSR 6/1	0	0	380	138	18	2	1	0.01	3.15	0
20851449	20851448	11.25	1 1-	2 ACSR 6/1	0	0	377	138	7	0	1	0.00	3.15	0
20851327	20851448	11.23	2 1-	2 ACSR 6/1	0	0	378	138	11	1	1	0.00	3.15	0
20851450	20130005	10.54	2 1-	2 ACSR 6/1	0	0	406	141	7	0	1	0.00	2.98	0
20851451	20851450	10.65	1 1-	2 ACSR 6/1	0	0	401	141	6	0	0	0.00	2.98	0
20130004	20130006	10.49	1 1-	2 ACSR 6/1	0	0	408	142	3	0	0	0.00	2.93	0
D20-13-P031	20130004	10.49	1 1-	REC-15-H	0	0	408	142	3	0	3	0.00	2.93	0
20850730	D20-13-P031	11.43	1 1-	2 ACSR 6/1	0	0	370	137	3	0	0	0.01	2.94	0
20851034	20851033	9.33	2 1-	2 ACSR 6/1	0	0	467	148	9	1	1	0.00	2.40	0
20851035	20851034	9.39	0 1-	2 ACSR 6/1	0	0	463	147	0	0	0	0.00	2.40	0
20850926	20850732	8.81	23 1-	2 ACSR 6/1	0	0	499	151	72	9	5	0.10	1.22	5
D20-04-P020	20850926	8.81	23 1-	REC-25-H	0	0	499	151	72	9	37	0.00	1.22	0
20851326	D20-04-P020	8.81	23 1-	2 ACSR 6/1	0	0	492	150	72	9	5	0.03	1.24	1
20140006	20851326	8.93	23 1-	2 ACSR 6/1	0	0	491	150	72	9	5	0.01	1.25	0
20140007	20140006	9.13	23 1-	2 ACSR 6/1	0	0	478	149	72	9	5	0.05	1.30	3
20851811	20140007	9.23	4 1-	2 ACSR 6/1	0	0	472	148	8	0	1	0.00	1.30	0
20851812	20851811	9.30	3 1-	2 ACSR 6/1	0	0	468	148	4	0	0	0.00	1.30	0
20851814	20851812	9.41	1 1-	2 ACSR 6/1	0	0	462	147	0	0	0	0.00	1.30	0
20851813	20851812	9.39	1 1-	2 ACSR 6/1	0	0	463	147	3	0	0	0.00	1.30	0
20140004	20140007	9.24	19 1-	2 ACSR 6/1	0	0	472	148	64	8	5	0.03	1.33	1
20851403	20140004	9.43	18 1-	2 ACSR 6/1	0	0	461	147	61	7	4	0.04	1.37	2
20851404	20851403	9.68	18 1-	2 ACSR 6/1	0	0	447	146	61	7	4	0.06	1.42	3
20851789	20851404	9.74	16 1-	2 ACSR 6/1	0	0	444	146	48	6	3	0.01	1.43	0
20851790	20851789	9.80	13 1-	2 ACSR 6/1	0	0	441	145	43	5	3	0.01	1.45	0
D20-14-P014	20851790	9.80	3 1-	FUS	0	0	441	145	11	1	31	0.00	1.45	0
20140005	D20-14-P014	10.63	3 1-	2 ACSR 6/1	0	0	402	141	11	1	1	0.03	1.48	0
20250007	20140005	11.33	3 1-	2 ACSR 6/1	0	0	374	137	11	1	1	0.03	1.50	0
20240010	20250007	11.53	3 1-	2 ACSR 6/1	0	0	366	136	11	1	1	0.01	1.51	0
20240006	20240010	11.61	3 1-	2 ACSR 6/1	0	0	364	136	11	1	1	0.00	1.52	0
20240008	20240006	11.66	2 1-	2 ACSR 6/1	0	0	362	136	8	1	1	0.00	1.52	0
20240009	20240008	11.74	2 1-	2 ACSR 6/1	0	0	359	135	8	1	1	0.00	1.52	0
20240005	20240009	11.79	1 1-	2 ACSR 6/1	0	0	357	135	5	0	0	0.00	1.52	0
20240007	20240006	11.66	1 1-	2 ACSR 6/1	0	0	362	136	3	0	0	0.00	1.52	0
20250004	20140005	10.81	0 1-	2 ACSR 6/1	0	0	394	140	0	0	0	0.00	1.48	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851791	20851790	9.89	8 1-	2 ACSR 6/1	0	0	436	145	29	3	2	0.01	1.45	0
20851793	20851791	10.06	5 1-	2 ACSR 6/1	0	0	428	144	16	1	1	0.01	1.46	0
20851809	20851793	10.54	4 1-	2 ACSR 6/1	0	0	406	141	9	1	1	0.01	1.47	0
20851794	20851809	10.64	1 1-	2 ACSR 6/1	0	0	402	141	2	0	0	0.00	1.47	0
20851810	20851809	10.60	1 1-	2 ACSR 6/1	0	0	403	141	3	0	0	0.00	1.47	0
20851792	20851791	9.97	1 1-	2 ACSR 6/1	0	0	432	144	1	0	0	0.00	1.45	0
20851724	20851790	9.86	2 1-	2 ACSR 6/1	0	0	438	145	4	0	0	0.00	1.45	0
20851787	20851404	9.76	2 1-	2 ACSR 6/1	0	0	443	145	13	1	1	0.00	1.43	0
20851788	20851787	9.85	1 1-	2 ACSR 6/1	0	0	439	145	5	0	0	0.00	1.43	0
20851402	20140004	9.41	1 1-	2 ACSR 6/1	0	0	462	147	3	0	0	0.00	1.33	0
14940007	14940006	8.20	3 1-	2 ACSR 6/1	0	0	537	154	8	0	1	0.00	1.10	0
20850731	14940007	8.28	2 1-	2 ACSR 6/1	0	0	532	153	5	0	0	0.00	1.10	0
20850924	20850731	8.40	1 1-	2 ACSR 6/1	0	0	523	153	0	0	0	0.00	1.10	0
14950014	14950013	7.44	4 1-	2 ACSR 6/1	0	0	587	157	10	1	1	0.00	1.65	0
14950016	14950014	7.51	2 1-	2 ACSR 6/1	0	0	582	157	5	0	0	0.00	1.65	0
14850034	14950016	7.61	1 1-	2 ACSR 6/1	0	0	573	156	2	0	0	0.00	1.65	0
14850040	14950016	7.57	1 1-	2 ACSR 6/1	0	0	576	156	3	0	0	0.00	1.65	0
14960038	14960022	6.64	1 1-	2 ACSR 6/1	0	0	654	161	5	0	0	0.00	1.33	0
14860051	14960038	6.67	0 1-	2 ACSR 6/1	0	0	650	160	0	0	0	0.00	1.33	0
14870046	14870024	5.40	1 1-	2 ACSR 6/1	0	0	793	167	4	0	0	0.00	0.51	0
14870027	14870033	5.40	224 3-	4/0 ACSR 6/1	1030	929	800	167	943	39	12	0.06	0.63	62
D14-87-P007	14870027	5.40	224 3-	REC-70-L	1030	929	800	167	942	39	57	0.00	0.63	0
14870023	D14-87-P007	5.44	224 3-	4/0 ACSR 6/1	1025	924	795	167	942	39	12	0.01	0.65	11
14870036	14870023	5.53	223 3-	4/0 ACSR 6/1	1015	914	786	167	942	39	12	0.02	0.68	20
14870037	14870036	5.98	222 3-	4/0 ACSR 6/1	964	868	739	165	940	39	12	0.10	0.84	107
14860057	14870037	6.01	3 1-	2 ACSR 6/1	0	0	736	165	5	0	0	0.00	0.62	0
14860058	14860057	6.05	2 1-	2 ACSR 6/1	0	0	730	165	2	0	0	0.00	0.62	0
14860040	14860058	6.19	1 1-	2 ACSR 6/1	0	0	711	164	1	0	0	0.00	0.62	0
14860025	14870037	6.05	219 3-	4/0 ACSR 6/1	958	861	733	165	934	39	12	0.01	0.86	15
14860034	14860025	6.15	218 3-	4/0 ACSR 6/1	947	851	723	165	931	39	12	0.02	0.89	24
14860035	14860034	6.18	217 3-	4/0 ACSR 6/1	945	849	721	165	928	39	12	0.01	0.90	6
14860026	14860035	6.24	4 1-	2 ACSR 6/1	0	0	713	164	20	2	1	0.00	1.00	0
14860030	14860026	6.47	1 1-	2 ACSR 6/1	0	0	684	163	7	0	0	0.00	1.00	0
14860031	14860026	6.32	3 1-	2 ACSR 6/1	0	0	703	164	13	1	1	0.00	1.00	0
14760009	14860031	6.37	2 1-	2 ACSR 6/1	0	0	696	163	4	0	0	0.00	1.00	0
14860027	14860035	6.30	213 3-	1/0 ACSR 6/1	928	834	708	164	908	38	17	0.05	0.98	54
14860037	14860027	6.51	212 3-	1/0 ACSR 6/1	902	809	686	163	903	38	17	0.09	1.11	90
14860038	14860037	6.71	211 3-	1/0 ACSR 6/1	878	787	667	162	900	38	17	0.09	1.22	84
14860039	14860038	6.80	210 3-	1/0 ACSR 6/1	867	776	658	162	898	38	17	0.04	1.28	41
14860032	14860039	6.89	208 3-	1/0 ACSR 6/1	857	767	650	161	892	37	17	0.04	1.34	38
14860049	14860032	6.95	199 3-	1/0 ACSR 6/1	851	761	645	161	847	36	16	0.02	1.37	21
14860050	14860049	7.13	198 3-	1/0 ACSR 6/1	831	743	629	160	835	35	15	0.06	1.47	69
14860052	14860050	7.22	198 3-	1/0 ACSR 6/1	822	735	622	160	835	35	15	0.03	1.52	35
14860054	14860052	7.41	197 3-	1/0 ACSR 6/1	802	716	606	159	831	35	15	0.06	1.63	73
14850039	14860054	7.48	193 3-	1/0 ACSR 6/1	796	711	601	159	817	34	15	0.02	1.66	23
14850024	14850039	7.57	1 1-	2 ACSR 6/1	0	0	592	158	5	0	0	0.00	1.15	0
14850025	14850039	7.54	2 1-	2 ACSR 6/1	0	0	596	158	16	1	1	0.00	1.15	0
14850026	14850025	7.69	2 1-	2 ACSR 6/1	0	0	582	157	16	1	1	0.01	1.16	0
14850027	14850026	7.82	1 1-	2 ACSR 6/1	0	0	571	156	4	0	0	0.00	1.16	0
14850018	14850039	7.63	190 3-	1/0 ACSR 6/1	781	697	590	158	796	33	15	0.04	1.75	55
14850022	14850018	7.75	34 1-	2 ACSR 6/1	0	0	579	157	142	18	10	0.06	2.11	7
D14-85-P021	14850022	7.75	34 1-	REC-25-H	0	0	579	157	142	18	73	0.00	2.11	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14850021	D14-85-P021	7.92	34 1-	2 ACSR 6/1	0	0	564	156	142	18	10	0.09	2.20	10
14850028	14850021	8.03	34 1-	2 ACSR 6/1	0	0	556	155	142	18	10	0.05	2.25	6
14850029	14850028	8.06	33 1-	2 ACSR 6/1	0	0	553	155	142	18	10	0.02	2.27	2
14850030	14850029	8.12	33 1-	2 ACSR 6/1	0	0	549	155	142	18	10	0.03	2.30	3
14850046	14850030	8.24	32 1-	2 ACSR 6/1	0	0	540	154	126	16	9	0.05	2.35	5
14850047	14850046	8.26	31 1-	2 ACSR 6/1	0	0	538	154	117	15	8	0.01	2.36	0
14850037	14850047	8.30	28 1-	2 ACSR 6/1	0	0	535	154	97	12	7	0.01	2.37	0
14850031	14850037	8.37	24 1-	2 ACSR 6/1	0	0	529	153	86	11	6	0.02	2.40	2
14850035	14850031	8.43	20 1-	2 ACSR 6/1	0	0	526	153	75	9	5	0.01	2.41	0
14850041	14850035	8.47	18 1-	2 ACSR 6/1	0	0	522	153	67	8	5	0.01	2.42	0
14850042	14850041	8.56	18 1-	2 ACSR 6/1	0	0	516	152	67	8	5	0.02	2.45	1
14850043	14850042	8.61	0 1-	2 ACSR 6/1	0	0	512	152	0	0	0	0.00	2.45	0
14850019	14850042	8.69	18 1-	2 ACSR 6/1	0	0	507	152	67	8	5	0.03	2.48	2
D14-84-P024	14850019	8.69	1 1-	FUS-10	0	0	507	152	1	0	2	0.00	2.48	0
14840023	D14-84-P024	9.05	1 1-	2 ACSR 6/1	0	0	484	149	1	0	0	0.00	2.48	0
14840030	14840023	9.14	0 1-	2 ACSR 6/1	0	0	479	149	0	0	0	0.00	2.48	0
14840038	14840023	9.09	1 1-	2 ACSR 6/1	0	0	481	149	1	0	0	0.00	2.48	0
14840024	14850019	8.86	17 1-	2 ACSR 6/1	0	0	496	151	66	8	5	0.04	2.52	2
14840031	14840024	8.91	2 1-	2 ACSR 6/1	0	0	492	150	11	1	1	0.00	2.52	0
14840026	14840024	9.00	15 1-	2 ACSR 6/1	0	0	487	150	55	7	4	0.03	2.55	1
14840032	14840026	9.43	15 1-	2 ACSR 6/1	0	0	461	147	55	7	4	0.09	2.63	4
14840033	14840032	9.53	13 1-	2 ACSR 6/1	0	0	456	147	51	6	4	0.02	2.65	0
14840035	14840033	9.76	12 1-	2 ACSR 6/1	0	0	444	146	47	6	3	0.04	2.69	1
14840037	14840035	9.82	1 1-	2 ACSR 6/1	0	0	440	145	1	0	0	0.00	2.69	0
14840036	14840035	9.78	1 1-	2 ACSR 6/1	0	0	443	145	9	1	1	0.00	2.69	0
14840034	14840035	9.86	10 1-	2 ACSR 6/1	0	0	438	145	37	4	3	0.01	2.70	0
14840040	14840034	9.93	7 1-	2 ACSR 6/1	0	0	435	145	25	3	2	0.01	2.71	0
14840028	14840040	10.08	6 1-	2 ACSR 6/1	0	0	427	144	15	1	1	0.01	2.72	0
14840029	14840028	10.12	2 1-	2 ACSR 6/1	0	0	425	144	4	0	0	0.00	2.72	0
14840042	14840028	10.65	3 1-	2 ACSR 6/1	0	0	402	141	8	1	1	0.01	2.73	0
14830003	14840042	10.74	2 1-	2 ACSR 6/1	0	0	397	140	3	0	0	0.00	2.73	0
14830004	14830003	10.84	0 1-	2 ACSR 6/1	0	0	393	140	0	0	0	0.00	2.73	0
14840041	14840040	10.02	1 1-	2 ACSR 6/1	0	0	431	144	11	1	1	0.00	2.71	0
14840039	14840034	9.92	2 1-	2 ACSR 6/1	0	0	436	145	10	1	1	0.00	2.71	0
14840043	14840033	9.69	1 1-	2 ACSR 6/1	0	0	447	146	5	0	0	0.00	2.65	0
14840025	14840026	9.01	0 1-	2 ACSR 6/1	0	0	486	150	0	0	0	0.00	2.55	0
14-84-P014-A	14840025	9.01	0 1-	Open	0	0	486	150	0	0	0	0.00	2.55	0
14850038	14850035	8.51	1 1-	2 ACSR 6/1	0	0	519	153	4	0	0	0.00	2.41	0
14850032	14850031	8.43	4 1-	2 ACSR 6/1	0	0	525	153	11	1	1	0.00	2.40	0
14850033	14850032	8.49	3 1-	2 ACSR 6/1	0	0	521	153	8	1	1	0.00	2.40	0
14850036	14850047	8.35	2 1-	2 ACSR 6/1	0	0	531	153	12	1	1	0.00	2.36	0
14850020	14850021	8.10	0 1-	2 ACSR 6/1	0	0	550	155	0	0	0	0.00	2.20	0
14850023	14850018	8.39	156 3-	1/0 ACSR 6/1	716	637	538	155	653	27	12	0.14	2.08	203
14750004	14850023	8.46	156 3-	1/0 ACSR 6/1	711	632	534	154	651	27	12	0.01	2.11	17
14750003	14750004	8.75	155 3-	1/0 ACSR 6/1	688	612	516	153	649	27	12	0.05	2.24	78
14750002	14750003	8.82	153 3-	1/0 ACSR 6/1	683	607	512	153	642	27	12	0.01	2.27	19
D14-74-P024	14750002	8.82	47 1-	REC-35-H	0	0	512	153	178	23	66	0.00	2.95	0
14740046	D14-74-P024	9.13	47 1-	2 ACSR 6/1	0	0	492	151	178	23	13	0.20	3.15	28
14740062	14740046	9.21	44 1-	2 ACSR 6/1	0	0	487	151	173	22	12	0.05	3.20	7
14740063	14740062	9.44	43 1-	2 ACSR 6/1	0	0	473	149	169	21	12	0.15	3.35	20
14740048	14740063	9.71	42 1-	2 ACSR 6/1	0	0	458	148	166	21	12	0.16	3.50	20
14640089	14740048	9.79	39 1-	2 ACSR 6/1	0	0	454	147	145	18	10	0.05	3.55	5

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14640091	14640089	9.87	39 1-	2 ACSR 6/1	0	0	450	147	145	18	10	0.04	3.59	5
14640092	14640091	9.92	2 1-	2 ACSR 6/1	0	0	447	146	9	1	1	0.00	3.59	0
14640073	14640092	10.00	1 1-	2 ACSR 6/1	0	0	443	146	8	1	1	0.00	3.59	0
14640071	14640092	10.08	1 1-	2 ACSR 6/1	0	0	438	146	1	0	0	0.00	3.59	0
14640090	14640091	9.94	35 1-	2 ACSR 6/1	0	0	446	146	133	17	10	0.04	3.62	4
14640075	14640090	10.02	30 1-	2 ACSR 6/1	0	0	441	146	119	15	9	0.04	3.66	3
14640050	14640075	10.19	28 1-	2 ACSR 6/1	0	0	433	145	106	13	8	0.07	3.73	6
14640099	14640050	10.25	22 1-	2 ACSR 6/1	0	0	430	145	88	11	6	0.02	3.74	1
14650028	14640099	10.33	20 1-	2 ACSR 6/1	0	0	426	144	77	10	6	0.02	3.76	1
14650029	14650028	10.37	15 1-	2 ACSR 6/1	0	0	424	144	70	9	5	0.01	3.77	0
14650030	14650029	10.43	11 1-	2 ACSR 6/1	0	0	422	144	56	7	4	0.01	3.79	0
14650020	14650030	10.49	8 1-	2 ACSR 6/1	0	0	418	143	46	5	3	0.01	3.80	0
14650021	14650020	10.60	6 1-	2 ACSR 6/1	0	0	413	143	37	4	3	0.01	3.81	0
14650015	14650021	10.65	4 1-	2 ACSR 6/1	0	0	411	143	24	3	2	0.00	3.81	0
14650019	14650015	10.72	2 1-	2 ACSR 6/1	0	0	408	142	7	0	0	0.00	3.81	0
14650017	14650019	11.25	1 1-	2 ACSR 6/1	0	0	386	139	4	0	0	0.00	3.82	0
14650048	14650017	11.26	0 1-	2 ACSR 6/1	0	0	386	139	0	0	0	0.00	3.82	0
14-65-P045-B	14650048	11.26	0 1-	Open			386	139	0	0	0	0.00	3.82	0
14650016	14650015	10.71	1 1-	2 ACSR 6/1	0	0	409	142	6	0	0	0.00	3.81	0
14650014	14650030	10.50	2 1-	2 ACSR 6/1	0	0	418	143	5	0	0	0.00	3.79	0
14640098	14640050	10.39	3 1-	2 ACSR 6/1	0	0	423	144	12	1	1	0.01	3.73	0
14650027	14640098	10.42	1 1-	2 ACSR 6/1	0	0	422	144	2	0	0	0.00	3.73	0
14640051	14640050	10.25	2 1-	2 ACSR 6/1	0	0	430	145	4	0	0	0.00	3.73	0
14640074	14640090	9.99	3 1-	2 ACSR 6/1	0	0	443	146	10	1	1	0.00	3.63	0
14640101	14640074	10.04	1 1-	2 ACSR 6/1	0	0	440	146	6	0	0	0.00	3.63	0
14640076	14640074	10.04	1 1-	2 ACSR 6/1	0	0	441	146	3	0	0	0.00	3.63	0
14640087	14740048	9.73	1 1-	2 ACSR 6/1	0	0	457	148	6	0	0	0.00	3.50	0
14640088	14640087	9.78	0 1-	2 ACSR 6/1	0	0	454	147	0	0	0	0.00	3.50	0
14740047	14740046	9.21	2 1-	2 ACSR 6/1	0	0	487	150	2	0	0	0.00	3.15	0
14740050	14750002	8.87	106 3-	2 ACSR 6/1	679	603	509	152	463	19	11	0.02	2.29	8
14740051	14740050	9.23	105 3-	2 ACSR 6/1	648	574	486	150	463	19	11	0.20	2.46	66
D14-74-P117	14740051	9.23	105 3-	REC-35-H	648	574	486	150	462	19	57	0.00	2.46	0
14740042	D14-74-P117	9.32	105 3-	2 ACSR 6/1	641	568	481	150	462	19	11	0.05	2.50	16
14740064	14740042	9.41	76 3-	2 ACSR 6/1	634	561	475	149	319	13	8	0.07	2.54	13
14740066	14740064	9.50	1 1-	2 ACSR 6/1	0	0	470	149	3	0	0	0.00	1.75	0
14740065	14740064	9.55	74 3-	2 ACSR 6/1	623	551	467	149	314	13	7	0.09	2.58	17
14740067	14740065	9.59	12 1-	2 ACSR 6/1	0	0	465	148	43	5	3	0.01	1.85	0
14740068	14740067	9.64	11 1-	2 ACSR 6/1	0	0	462	148	41	5	3	0.01	1.85	0
14740069	14740068	9.68	2 1-	2 ACSR 6/1	0	0	460	148	10	1	1	0.00	1.85	0
14740070	14740069	9.73	1 1-	2 ACSR 6/1	0	0	457	148	6	0	0	0.00	1.86	0
14740061	14740068	9.70	2 1-	2 ACSR 6/1	0	0	458	148	6	0	0	0.00	1.85	0
14740075	14740068	9.70	6 1-	2 ACSR 6/1	0	0	459	148	23	2	2	0.00	1.86	0
14740078	14740075	9.76	4 1-	2 ACSR 6/1	0	0	455	147	18	2	1	0.00	1.86	0
14740080	14740078	9.82	3 1-	2 ACSR 6/1	0	0	452	147	16	1	1	0.00	1.87	0
14740081	14740080	9.90	3 1-	2 ACSR 6/1	0	0	448	147	16	1	1	0.00	1.87	0
14740083	14740081	10.01	2 1-	2 ACSR 6/1	0	0	442	146	8	1	1	0.00	1.87	0
14740084	14740083	10.07	1 1-	2 ACSR 6/1	0	0	439	146	2	0	0	0.00	1.87	0
14740082	14740081	10.06	1 1-	2 ACSR 6/1	0	0	440	146	8	0	1	0.00	1.87	0
14740079	14740078	9.80	1 1-	2 ACSR 6/1	0	0	453	147	3	0	0	0.00	1.86	0
14740077	14740075	9.75	0 1-	2 ACSR 6/1	0	0	456	147	0	0	0	0.00	1.86	0
14740076	14740075	9.92	1 1-	2 ACSR 6/1	0	0	447	146	1	0	0	0.00	1.86	0
14740043	14740065	9.74	62 3-	2 ACSR 6/1	609	538	457	148	271	11	6	0.10	2.63	18

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14740085	14740043	9.78	1 1-	2 ACSR 6/1	0	0	454	147	3	0	0	0.00	3.18	0
14740088	14740043	9.83	61 3-	2 ACSR 6/1	602	532	451	147	268	11	6	0.05	2.66	9
14640083	14740088	9.87	26 1-	2 ACSR 6/1	0	0	449	147	134	17	10	0.02	2.82	2
14640042	14640083	9.88	26 1-	2 ACSR 6/1	0	0	449	147	134	17	10	0.00	2.83	0
14640059	14640042	9.93	7 1-	2 ACSR 6/1	0	0	446	146	38	4	3	0.01	2.83	0
14740087	14640059	9.94	4 1-	2 ACSR 6/1	0	0	446	146	23	2	2	0.00	2.84	0
14740086	14740087	10.01	2 1-	2 ACSR 6/1	0	0	442	146	14	1	1	0.00	2.84	0
14640041	14640042	9.98	19 1-	2 ACSR 6/1	0	0	443	146	96	12	7	0.04	2.87	3
14640068	14640041	10.02	2 1-	2 ACSR 6/1	0	0	441	146	23	2	2	0.00	2.87	0
14640102	14640068	10.12	1 1-	2 ACSR 6/1	0	0	437	145	13	1	1	0.00	2.87	0
14640040	14640041	10.03	17 1-	2 ACSR 6/1	0	0	441	146	73	9	5	0.01	2.88	0
14640072	14640040	10.12	16 1-	2 ACSR 6/1	0	0	436	145	71	9	5	0.02	2.90	1
14640070	14640072	10.21	15 1-	2 ACSR 6/1	0	0	432	145	68	8	5	0.02	2.92	1
14640052	14640070	10.27	2 1-	2 ACSR 6/1	0	0	429	145	2	0	0	0.00	2.92	0
14640043	14640070	10.30	13 1-	2 ACSR 6/1	0	0	428	144	66	8	5	0.02	2.94	0
14640045	14640043	10.37	2 1-	2 ACSR 6/1	0	0	424	144	8	1	1	0.00	2.95	0
14640046	14640045	10.50	1 1-	2 ACSR 6/1	0	0	418	143	2	0	0	0.00	2.95	0
14640048	14640046	10.55	1 1-	2 ACSR 6/1	0	0	416	143	2	0	0	0.00	2.95	0
14640047	14640046	10.55	0 1-	2 ACSR 6/1	0	0	416	143	0	0	0	0.00	2.95	0
14640044	14640043	10.64	9 1-	2 ACSR 6/1	0	0	412	143	54	6	4	0.07	3.01	3
14640054	14640044	10.75	8 1-	2 ACSR 6/1	0	0	407	142	47	6	3	0.02	3.03	0
14640055	14640054	10.81	8 1-	2 ACSR 6/1	0	0	404	142	47	6	3	0.01	3.04	0
14640058	14640055	10.89	1 1-	2 ACSR 6/1	0	0	401	141	1	0	0	0.00	3.04	0
14640056	14640055	10.89	7 1-	2 ACSR 6/1	0	0	401	141	46	5	3	0.01	3.06	0
14640057	14640056	11.13	6 1-	2 ACSR 6/1	0	0	391	140	43	5	3	0.04	3.09	1
14540042	14640057	11.19	1 1-	2 ACSR 6/1	0	0	388	140	11	1	1	0.00	3.09	0
14540047	14640057	11.17	4 1-	2 ACSR 6/1	0	0	389	140	25	3	2	0.00	3.10	0
14540054	14540047	11.23	2 1-	2 ACSR 6/1	0	0	387	140	6	0	0	0.00	3.10	0
14540055	14540054	11.38	1 1-	2 ACSR 6/1	0	0	381	139	1	0	0	0.00	3.10	0
14540063	14540047	11.20	1 1-	2 ACSR 6/1	0	0	388	140	8	0	1	0.00	3.10	0
14540043	14540047	11.21	1 1-	2 ACSR 6/1	0	0	387	140	11	1	1	0.00	3.10	0
14540050	14540043	11.27	0 1-	2 ACSR 6/1	0	0	385	139	0	0	0	0.00	3.10	0
14640039	14640044	10.69	1 1-	2 ACSR 6/1	0	0	409	142	7	0	1	0.00	3.02	0
14640053	14640039	10.75	0 1-	2 ACSR 6/1	0	0	407	142	0	0	0	0.00	3.02	0
14640049	14640039	10.72	1 1-	2 ACSR 6/1	0	0	408	142	7	0	1	0.00	3.02	0
14640069	14640040	10.09	1 1-	2 ACSR 6/1	0	0	438	146	2	0	0	0.00	2.88	0
14640084	14740088	9.93	34 1-	2 ACSR 6/1	0	0	446	146	130	16	9	0.05	2.04	5
14640096	14640084	10.02	31 1-	2 ACSR 6/1	0	0	442	146	125	16	9	0.04	2.08	4
14640097	14640096	10.08	30 1-	2 ACSR 6/1	0	0	439	146	122	15	9	0.03	2.11	3
14640094	14640097	10.14	29 1-	2 ACSR 6/1	0	0	435	145	118	15	8	0.03	2.13	2
14640086	14640094	10.19	28 1-	2 ACSR 6/1	0	0	433	145	115	14	8	0.02	2.16	2
14640095	14640086	10.24	27 1-	2 ACSR 6/1	0	0	431	145	114	14	8	0.02	2.18	2
14640093	14640095	10.31	26 1-	2 ACSR 6/1	0	0	427	144	110	14	8	0.03	2.20	2
14640062	14640093	10.39	23 1-	2 ACSR 6/1	0	0	423	144	103	13	7	0.03	2.24	2
14640064	14640062	10.45	19 1-	2 ACSR 6/1	0	0	421	144	84	10	6	0.02	2.25	1
14640077	14640064	10.51	18 1-	2 ACSR 6/1	0	0	418	143	79	10	6	0.02	2.27	1
14630012	14640077	10.55	6 1-	2 ACSR 6/1	0	0	416	143	29	3	2	0.00	2.27	0
14630014	14630012	10.57	1 1-	2 ACSR 6/1	0	0	415	143	4	0	0	0.00	2.27	0
14630013	14630012	11.06	5 1-	2 ACSR 6/1	0	0	394	140	26	3	2	0.05	2.32	0
14630005	14630013	11.11	4 1-	2 ACSR 6/1	0	0	392	140	13	1	1	0.00	2.32	0
14630006	14630005	11.26	2 1-	2 ACSR 6/1	0	0	386	139	3	0	0	0.00	2.33	0
14630007	14630006	11.30	1 1-	2 ACSR 6/1	0	0	384	139	2	0	0	0.00	2.33	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
14630004	14630013	11.11	1 1-	2 ACSR 6/1	0	0	392	140	12	1	1	0.00	2.32	0
14630008	14640077	10.59	10 1-	2 ACSR 6/1	0	0	414	143	45	5	3	0.01	2.28	0
14640078	14630008	10.67	9 1-	2 ACSR 6/1	0	0	411	142	42	5	3	0.01	2.29	0
14640079	14640078	10.72	8 1-	2 ACSR 6/1	0	0	408	142	39	4	3	0.01	2.30	0
14640080	14640079	10.77	7 1-	2 ACSR 6/1	0	0	406	142	33	4	2	0.01	2.31	0
14640081	14640080	10.84	5 1-	2 ACSR 6/1	0	0	403	142	26	3	2	0.01	2.31	0
14640082	14640081	10.88	3 1-	2 ACSR 6/1	0	0	401	141	14	1	1	0.00	2.31	0
14640066	14640082	10.97	1 1-	2 ACSR 6/1	0	0	397	141	2	0	0	0.00	2.31	0
14640067	14640081	10.90	1 1-	2 ACSR 6/1	0	0	401	141	6	0	0	0.00	2.31	0
14640063	14640062	10.43	2 1-	2 ACSR 6/1	0	0	422	144	11	1	1	0.00	2.24	0
14640065	14640063	10.46	1 1-	2 ACSR 6/1	0	0	420	144	6	0	0	0.00	2.24	0
14640061	14640062	10.47	1 1-	2 ACSR 6/1	0	0	420	144	6	0	0	0.00	2.24	0
14640060	14640093	10.42	1 1-	2 ACSR 6/1	0	0	422	144	3	0	0	0.00	2.21	0
14640085	14640084	10.00	1 1-	2 ACSR 6/1	0	0	443	146	2	0	0	0.00	2.04	0
14740054	14740042	9.39	26 1-	2 ACSR 6/1	0	0	477	149	129	16	9	0.03	3.23	3
14740094	14740054	9.43	24 1-	2 ACSR 6/1	0	0	474	149	115	14	8	0.02	3.25	2
14740096	14740094	9.47	8 1-	2 ACSR 6/1	0	0	472	149	49	6	4	0.01	3.25	0
14740092	14740096	9.53	7 1-	2 ACSR 6/1	0	0	468	149	45	5	3	0.01	3.26	0
14740093	14740092	9.56	7 1-	2 ACSR 6/1	0	0	466	148	45	5	3	0.00	3.27	0
14740073	14740093	9.58	6 1-	2 ACSR 6/1	0	0	465	148	41	5	3	0.00	3.27	0
14740074	14740073	9.65	5 1-	2 ACSR 6/1	0	0	461	148	37	4	3	0.01	3.28	0
14740071	14740074	9.72	4 1-	2 ACSR 6/1	0	0	457	148	28	3	2	0.01	3.29	0
14740072	14740071	9.85	3 1-	2 ACSR 6/1	0	0	450	147	19	2	1	0.01	3.29	0
14740053	14740072	9.91	1 1-	2 ACSR 6/1	0	0	448	147	3	0	0	0.00	3.29	0
14740095	14740094	9.54	15 1-	2 ACSR 6/1	0	0	468	149	64	8	5	0.03	3.27	1
14740058	14740095	9.63	9 1-	2 ACSR 6/1	0	0	463	148	44	5	3	0.01	3.29	0
14740056	14740058	9.68	6 1-	2 ACSR 6/1	0	0	460	148	36	4	3	0.01	3.29	0
14740055	14740056	9.73	3 1-	2 ACSR 6/1	0	0	457	148	14	1	1	0.00	3.29	0
14740052	14740055	9.77	2 1-	2 ACSR 6/1	0	0	455	147	5	0	0	0.00	3.30	0
14740098	14740052	9.89	1 1-	2 ACSR 6/1	0	0	448	147	2	0	0	0.00	3.30	0
14740044	14740056	10.13	2 1-	2 ACSR 6/1	0	0	436	145	15	1	1	0.02	3.32	0
D14-84-P055	14740044	10.13	2 1-	FUS	0	0	436	145	15	1	43	0.00	3.32	0
14840046	D14-84-P055	10.52	2 1-	2 ACSR 6/1	0	0	417	143	15	1	1	0.02	3.34	0
14840045	14840046	10.64	1 1-	2 ACSR 6/1	0	0	412	143	13	1	1	0.00	3.34	0
14840027	14740044	10.35	0 1-	2 ACSR 6/1	0	0	425	144	0	0	0	0.00	3.32	0
14-84-P014-B	14840027	10.35	0 1-	Open	0	0	425	144	0	0	0	0.00	3.32	0
14740057	14740058	9.66	2 1-	2 ACSR 6/1	0	0	461	148	8	1	1	0.00	3.29	0
14740059	14740095	9.59	5 1-	2 ACSR 6/1	0	0	465	148	18	2	1	0.00	3.27	0
14740060	14740059	9.65	4 1-	2 ACSR 6/1	0	0	461	148	16	2	1	0.00	3.28	0
14740089	14740060	9.80	3 1-	2 ACSR 6/1	0	0	453	147	8	1	1	0.00	3.28	0
14740091	14740089	10.00	1 1-	2 ACSR 6/1	0	0	443	146	3	0	0	0.00	3.28	0
14740090	14740089	9.88	1 1-	2 ACSR 6/1	0	0	449	147	4	0	0	0.00	3.28	0
14740049	14740042	9.38	1 1-	2 ACSR 6/1	0	0	477	150	7	0	0	0.00	3.20	0
14740045	14740042	9.36	2 1-	2 ACSR 6/1	0	0	478	150	7	0	1	0.00	3.20	0
14860043	14860032	7.02	5 1-	2 ACSR 6/1	0	0	636	160	20	2	1	0.01	0.98	0
14860044	14860043	7.09	2 1-	2 ACSR 6/1	0	0	629	160	5	0	0	0.00	0.98	0
14860045	14860044	7.16	1 1-	2 ACSR 6/1	0	0	622	160	4	0	0	0.00	0.98	0
14860047	14860045	7.24	0 1-	2 ACSR 6/1	0	0	614	159	0	0	0	0.00	0.98	0
14860046	14860045	7.25	1 1-	2 ACSR 6/1	0	0	613	159	4	0	0	0.00	0.98	0
14860033	14860032	6.92	4 1-	2 ACSR 6/1	0	0	646	161	25	3	2	0.00	0.97	0
14860048	14860033	6.98	2 1-	2 ACSR 6/1	0	0	641	161	8	1	1	0.00	0.97	0
14860042	14860033	6.96	1 1-	2 ACSR 6/1	0	0	643	161	8	1	1	0.00	0.97	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
14860036	14860027	6.36	1 1-	2 ACSR 6/1	0	0	700	164	4	0	0	0.00	1.14	0
14860041	14860025	6.13	1 1-	2 ACSR 6/1	0	0	723	164	3	0	0	0.00	1.02	0
14870034	14870023	5.52	1 1-	2 ACSR 6/1	0	0	783	166	1	0	0	0.00	0.64	0
14870035	14870034	5.61	1 1-	2 ACSR 6/1	0	0	769	166	1	0	0	0.00	0.64	0
14870054	14870044	4.94	6 1-	2 ACSR 6/1	0	0	851	168	40	5	3	0.01	0.55	0
14870055	14870054	5.16	4 1-	2 ACSR 6/1	0	0	812	167	23	2	2	0.01	0.57	0
14870029	14870055	5.21	3 1-	2 ACSR 6/1	0	0	803	166	15	1	1	0.00	0.57	0
14870056	14870029	5.36	2 1-	2 ACSR 6/1	0	0	780	165	14	1	1	0.00	0.57	0
14770007	14870056	5.40	1 1-	2 ACSR 6/1	0	0	773	165	3	0	0	0.00	0.57	0
14880068	REG179	4.01	2 1-	2 ACSR 6/1	0	0	992	171	11	1	1	0.00	0.00	0
14880063	14880062	3.93	1 1-	2 ACSR 6/1	0	0	1008	172	9	1	1	0.00	4.53	0
14780043	14780042	3.50	1 1-	2 ACSR 6/1	0	0	1111	174	14	1	1	0.00	3.87	0
14780040	14780026	3.31	0 1-	2 ACSR 6/1	0	0	1164	175	0	0	0	0.00	3.62	0
14780025	14780024	3.23	1 1-	2 ACSR 6/1	0	0	1188	175	8	0	1	0.00	3.50	0
14780030	14780025	3.30	1 1-	15 KV 2 URD XLP	0	0	1170	397	8	0	1	0.00	3.50	0
14780023	14780039	3.12	5 1-	2 ACSR 6/1	0	0	1223	176	27	3	2	0.00	3.36	0
14780027	14780023	3.16	5 1-	15 KV 2 URD XLP	0	0	1211	402	27	3	2	0.01	3.36	0
14780028	14780027	3.19	2 1-	15 KV 2 URD XLP	0	0	1203	401	10	1	1	0.00	3.36	0
14780029	14780027	3.23	1 1-	15 KV 2 URD XLP	0	0	1195	399	6	0	0	0.00	3.36	0
14780035	14780022	2.94	1 1-	2 ACSR 6/1	0	0	1277	177	3	0	0	0.00	3.05	0
14690081	14690080	1.52	1 1-	2 ACSR 6/1	0	0	2057	184	7	0	0	0.00	1.31	0
14690084	14690115	1.16	2 1-	2 ACSR 6/1	0	0	2368	185	11	1	1	0.00	0.72	0
14690085	14690084	1.22	1 1-	2 ACSR 6/1	0	0	2293	185	4	0	0	0.00	0.72	0
14690145	14690115	1.09	4 3-	336 ACSR 18/1	2546	2467	2474	186	20	0	0	0.00	0.63	0
14690146	14690145	1.15	2 3-	336 ACSR 18/1	2513	2430	2425	186	10	0	0	0.00	0.63	0
14691480	14690146	1.15	1 3-	Consumer	2513	2430	2425	186	0	0	0	0.00	0.63	0
14690140	14690145	1.12	2 1-	2 ACSR 6/1	0	0	2440	186	10	1	1	0.00	0.68	0
14690141	14690140	1.14	2 1-	2 ACSR 6/1	0	0	2406	186	10	1	1	0.00	0.68	0
14690138	14690141	1.17	1 1-	2 ACSR 6/1	0	0	2370	186	8	0	1	0.00	0.68	0

CKT 2 total losses: \$15,111

SUB 64, CKT 3

BK6403	GOLDBUG(64)	0.00	109 3-	BK6403	3261	3436	3854	194	3027	131	33	0.00	0.00	0
15620041	BK6403	0.02	109 3-	4/0 ACSR 6/1	3329	3498	3907	188	3027	131	39	0.03	0.03	60
15620042	15620041	0.07	109 3-	4/0 ACSR 6/1	3270	3414	3780	188	3027	131	39	0.06	0.10	126
15-62-P056-B	15620042	0.07	109 3-	Closed	3270	3414	3780	188	3026	131	0	0.00	0.10	0
15-62-P056-A	15-62-P056-B	0.07	109 3-	Closed	3270	3414	3780	188	3026	131	0	0.00	0.10	0
15620043	15-62-P056-A	0.17	109 3-	4/0 ACSR 6/1	3164	3269	3566	188	3026	131	39	0.11	0.22	233
15720229	15620043	0.25	109 3-	4/0 ACSR 6/1	3076	3151	3394	188	3023	131	39	0.10	0.33	207
15720192	15720229	0.30	7 1-	2 ACSR 6/1	0	0	3284	187	22	2	2	0.00	0.29	0
15720193	15720192	0.34	1 1-	2 ACSR 6/1	0	0	3191	187	9	1	1	0.00	0.29	0
15720140	15720229	0.29	102 3-	4/0 ACSR 6/1	3033	3095	3313	188	2999	130	38	0.05	0.39	103
15720230	15720140	0.30	102 3-	4/0 ACSR 6/1	3029	3090	3305	188	2998	130	38	0.00	0.39	10
15-72-P018-B	15720230	0.30	102 3-	Closed	3029	3090	3305	188	2998	130	0	0.00	0.39	0
15-72-P018-A	15-72-P018-B	0.30	102 3-	Closed	3029	3090	3305	188	2998	130	0	0.00	0.39	0
15720141	15-72-P018-A	0.32	102 3-	4/0 ACSR 6/1	3004	3057	3259	187	2998	130	38	0.03	0.43	62
15722100	15720141	0.32	102 3-	Consumer	3004	3057	3259	187	2997	130	0	0.00	0.43	0
15720206	15722100	0.42	0 3-	15 KV 2 URD XLP	2919	3011	3132	477	0	0	0	0.00	0.43	0
15720205	15722100	0.33	100 3-	4/0 ACSR 6/1	2992	3042	3237	187	2770	120	35	0.01	0.44	25
15720197	15720205	0.38	99 3-	4/0 ACSR 6/1	2952	2990	3164	187	2768	120	35	0.04	0.49	87
D15-72-P021	15720197	0.38	2 1-	FUS-30	0	0	3164	187	9	1	4	0.00	0.54	0
15720219	D15-72-P021	0.41	2 1-	2 ACSR 6/1	0	0	3097	187	9	1	1	0.00	0.54	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15720218	15720219	0.50	1 1-	2 ACSR 6/1	0	0	2902	186	8	1	1	0.00	0.54	0
15720198	15720197	0.42	97 3-	4/0 ACSR 6/1	2913	2940	3093	187	2759	119	35	0.04	0.54	87
15720199	15720198	0.46	96 3-	4/0 ACSR 6/1	2876	2894	3029	187	2753	119	35	0.04	0.59	82
15720183	15720199	0.50	95 3-	4/0 ACSR 6/1	2837	2844	2961	187	2751	119	35	0.04	0.64	91
15720184	15720183	0.57	94 3-	4/0 ACSR 6/1	2777	2771	2859	187	2749	119	35	0.07	0.72	143
15720125	15720184	0.63	91 3-	4/0 ACSR 6/1	2729	2713	2781	186	2739	119	35	0.06	0.79	116
D15-72-P029	15720125	0.63	3 1-	FUS-30	0	0	2781	186	14	1	7	0.00	0.82	0
15720221	D15-72-P029	0.65	3 1-	2 ACSR 6/1	0	0	2748	186	14	1	1	0.00	0.82	0
15720126	15720125	0.69	86 3-	4/0 ACSR 6/1	2681	2655	2703	186	2714	118	35	0.06	0.86	121
D15-72-P150	15720126	0.69	2 1-	FUS-60	0	0	2703	186	10	1	2	0.00	0.90	0
15720136	D15-72-P150	0.77	2 1-	2 ACSR 6/1	0	0	2573	186	10	1	1	0.00	0.90	0
15720181	15720126	0.71	0 3-	1/0 ACSR 6/1	2663	2634	2676	186	0	0	0	0.00	0.86	0
15-72-P331-B	15720181	0.71	0 3-	Open	2663	2634	2676	186	0	0	0	0.00	0.86	0
15720159	15720126	0.73	83 3-	1/0 ACSR 6/1	2646	2614	2651	186	2700	117	51	0.06	0.93	144
15720160	15720159	0.78	82 3-	1/0 ACSR 6/1	2593	2554	2575	186	2692	117	51	0.10	1.05	221
D15-72-P034	15720160	0.78	16 1-	FUS-60	0	0	2575	186	68	8	14	0.00	1.09	0
15720161	D15-72-P034	0.81	16 1-	2 ACSR 6/1	0	0	2532	186	68	8	5	0.01	1.10	0
15720162	15720161	0.84	15 1-	2 ACSR 6/1	0	0	2482	185	63	7	4	0.01	1.11	0
15720178	15720162	0.87	14 1-	2 ACSR 6/1	0	0	2443	185	59	7	4	0.01	1.11	0
15720179	15720178	0.92	10 1-	2 ACSR 6/1	0	0	2376	185	23	2	2	0.00	1.12	0
15720180	15720179	0.94	9 1-	2 ACSR 6/1	0	0	2346	185	18	2	1	0.00	1.12	0
15720119	15720180	1.00	2 1-	2 ACSR 6/1	0	0	2277	184	5	0	0	0.00	1.12	0
15720201	15720178	0.91	2 1-	2 ACSR 6/1	0	0	2389	185	5	0	0	0.00	1.11	0
15720200	15720178	0.96	1 1-	2 ACSR 6/1	0	0	2318	184	28	3	2	0.00	1.12	0
15720127	15720160	0.81	65 3-	1/0 ACSR 6/1	2566	2524	2537	186	2620	114	50	0.05	1.10	109
15720164	15720127	0.83	62 3-	1/0 ACSR 6/1	2549	2504	2513	186	2611	113	50	0.04	1.14	71
15720177	15720164	0.86	60 3-	1/0 ACSR 6/1	2523	2475	2477	185	2606	113	49	0.05	1.19	105
D15-72-P054	15720177	0.86	5 1-	FUS-60	0	0	2477	185	15	1	3	0.00	1.24	0
15720167	D15-72-P054	0.89	5 1-	2 ACSR 6/1	0	0	2429	185	15	1	1	0.00	1.24	0
15720168	15720167	0.92	4 1-	2 ACSR 6/1	0	0	2392	185	11	1	1	0.00	1.24	0
15720128	15720168	0.95	2 1-	2 ACSR 6/1	0	0	2347	185	7	0	0	0.00	1.24	0
15720158	15720128	0.98	1 1-	2 ACSR 6/1	0	0	2317	184	5	0	0	0.00	1.24	0
15720129	15720177	0.89	54 3-	1/0 ACSR 6/1	2491	2439	2433	185	2549	111	48	0.07	1.26	129
D15-72-P057	15720129	0.89	3 1-	FUS-30	0	0	2433	185	13	1	6	0.00	1.31	0
15720222	D15-72-P057	0.94	3 1-	2 ACSR 6/1	0	0	2373	185	13	1	1	0.00	1.31	0
15720173	15720129	0.95	50 3-	1/0 ACSR 6/1	2446	2389	2371	185	2532	110	48	0.10	1.36	185
D15-72-P058	15720173	0.95	1 1-	FUS-30	0	0	2371	185	5	0	2	0.00	1.20	0
15720223	D15-72-P058	0.97	1 1-	2 ACSR 6/1	0	0	2337	185	5	0	0	0.00	1.20	0
15720174	15720173	0.99	49 3-	1/0 ACSR 6/1	2412	2350	2325	185	2525	110	48	0.07	1.44	144
15720131	15720174	1.02	13 1-	2 ACSR 6/1	0	0	2290	184	42	5	3	0.00	1.49	0
D15-72-P070	15720131	1.02	12 1-	REC-70-L	0	0	2290	184	39	4	7	0.00	1.49	0
15720037	D15-72-P070	1.07	12 1-	2 ACSR 6/1	0	0	2229	184	39	4	3	0.01	1.49	0
15720042	15720037	1.13	1 1-	2 ACSR 6/1	0	0	2155	184	5	0	0	0.00	1.49	0
15720030	15720037	1.14	11 1-	2 ACSR 6/1	0	0	2147	184	33	4	2	0.01	1.50	0
15720154	15720030	1.17	3 1-	2 ACSR 6/1	0	0	2115	183	12	1	1	0.00	1.50	0
15720155	15720154	1.20	2 1-	2 ACSR 6/1	0	0	2076	183	8	1	1	0.00	1.50	0
15720156	15720155	1.28	1 1-	2 ACSR 6/1	0	0	2001	182	3	0	0	0.00	1.50	0
15720039	15720030	1.25	2 1-	2 ACSR 6/1	0	0	2025	183	8	0	1	0.00	1.50	0
15720029	15720030	1.22	5 1-	2 ACSR 6/1	0	0	2064	183	10	1	1	0.00	1.51	0
15720040	15720029	1.27	2 1-	2 ACSR 6/1	0	0	2005	182	3	0	0	0.00	1.51	0
15720143	15720029	1.40	3 1-	2 ACSR 6/1	0	0	1887	182	7	0	0	0.00	1.51	0
15720144	15720143	1.60	2 1-	2 ACSR 6/1	0	0	1720	180	4	0	0	0.00	1.51	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	DROP	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	LINE	DROP	LOSS
15720130	15720174	1.03	33 3-	1/0 ACSR 6/1	2375	2309	2276	184	2477	108	47	0.08	1.52	153
D15-72-P063	15720130	1.03	2 1-	FUS-30	0	0	2276	184	5	0	2	0.00	1.36	0
15720224	D15-72-P063	1.07	2 1-	2 ACSR 6/1	0	0	2231	184	5	0	0	0.00	1.36	0
15720166	15720130	1.09	29 3-	1/0 ACSR 6/1	2328	2257	2215	184	2459	107	47	0.11	1.64	199
D15-72-P065	15720166	1.09	1 1-	FUS-30	0	0	2215	184	1	0	0	0.00	1.47	0
15720225	D15-72-P065	1.18	1 1-	2 ACSR 6/1	0	0	2121	183	1	0	0	0.00	1.47	0
15720171	15720166	1.14	28 3-	1/0 ACSR 6/1	2296	2222	2173	184	2456	107	47	0.08	1.71	141
D15-72-P066	15720171	1.14	3 1-	FUS-30	0	0	2173	184	5	0	2	0.00	1.55	0
15720226	D15-72-P066	1.17	3 1-	2 ACSR 6/1	0	0	2140	184	5	0	0	0.00	1.55	0
15720157	15720226	1.18	0 1-	2 ACSR 6/1	0	0	2122	184	0	0	0	0.00	1.55	0
15720138	15720171	1.19	21 3-	1/0 ACSR 6/1	2254	2176	2119	184	2440	107	47	0.10	1.82	185
C15-72-P183	15720138	1.19	0 3-	Capacitor	2254	2176	2119	184	0	-13	0	0.00	1.82	0
15720139	15720138	1.22	21 3-	1/0 ACSR 6/1	2233	2153	2093	183	2438	111	48	0.06	1.88	104
15720054	15720139	1.24	18 3-	1/0 ACSR 6/1	2222	2140	2078	183	2431	111	48	0.03	1.91	58
15820037	15720054	1.28	17 3-	1/0 ACSR 6/1	2194	2110	2044	183	2431	111	48	0.08	1.99	139
D15-82-P019	15820037	1.28	2 1-	FUS	0	0	2044	183	10	1	31	0.00	2.14	0
15820040	D15-82-P019	1.31	2 1-	2 ACSR 6/1	0	0	2015	183	10	1	1	0.00	2.14	0
15820036	15820037	1.33	15 3-	1/0 ACSR 6/1	2157	2069	1997	183	2419	110	48	0.11	2.10	194
15820150	15820036	1.33	2 3-	Consumer	2157	2069	1997	183	1907	87	0	0.00	2.10	0
15820023	15820036	1.34	13 3-	1/0 ACSR 6/1	2150	2062	1989	183	511	23	10	0.00	2.10	2
15820024	15820023	1.38	13 3-	1/0 ACSR 6/1	2124	2034	1958	183	511	23	10	0.02	2.12	6
15820026	15820024	1.40	13 3-	1/0 ACSR 6/1	2113	2022	1944	183	511	23	10	0.01	2.12	3
D15-82-P067	15820026	1.40	2 1-	FUS-30	0	0	1944	183	5	0	3	0.00	2.29	0
15820035	D15-82-P067	1.46	2 1-	2 ACSR 6/1	0	0	1891	182	5	0	0	0.00	2.29	0
15820025	15820026	1.42	10 3-	1/0 ACSR 6/1	2100	2009	1929	182	502	22	10	0.01	2.13	3
15820021	15820025	1.45	2 3-	1/0 ACSR 6/1	2084	1991	1909	182	408	18	8	0.01	2.14	3
15820190	15820021	1.45	2 3-	Consumer	2084	1991	1909	182	408	18	0	0.00	2.14	0
15820022	15820021	1.49	0 3-	1/0 ACSR 6/1	2059	1964	1879	182	0	0	0	0.00	2.14	0
15820016	15820022	1.50	0 3-	1/0 ACSR 6/1	2050	1954	1868	182	0	0	0	0.00	2.14	0
15820017	15820025	1.47	7 3-	1/0 ACSR 6/1	2071	1978	1894	182	92	4	2	0.00	2.14	0
D15-82-P006	15820017	1.47	5 3-	FUS-30	2071	1978	1894	182	27	1	4	0.00	2.14	0
15820034	D15-82-P006	1.48	5 3-	1/0 ACSR 6/1	2062	1967	1882	182	27	1	1	0.00	2.14	0
15820020	15820034	1.51	4 3-	1/0 ACSR 6/1	2046	1950	1863	182	18	0	0	0.00	2.14	0
15820029	15820020	1.56	2 3-	1/0 ACSR 6/1	2012	1914	1824	182	3	0	0	0.00	2.14	0
15820018	15820017	1.53	1 3-	1/0 ACSR 6/1	2029	1932	1844	182	63	2	1	0.00	2.14	0
15820019	15820018	1.55	0 3-	1/0 ACSR 6/1	2022	1924	1835	182	0	0	0	0.00	2.14	0
15820038	15820019	1.62	0 3-	1/0 ACSR 6/1	1980	1880	1787	181	0	0	0	0.00	2.14	0
15820014	15820038	1.64	0 3-	1/0 ACSR 6/1	1967	1867	1771	181	0	0	0	0.00	2.14	0
15820015	15820014	1.72	0 1-	2 ACSR 6/1	0	0	1711	181	0	0	0	0.00	1.97	0
15720148	15720184	0.61	3 3-	4/0 ACSR 6/1	2741	2727	2801	187	9	0	0	0.00	0.72	0
15720149	15720148	0.67	1 3-	4/0 ACSR 6/1	2696	2673	2727	186	3	0	0	0.00	0.72	0
CKT 3 total losses:	\$3,851													
SUB 64, CKT 4														
BK6404	GOLDBUG (64)	0.00	73 3-	BK6404	3261	3436	3854	194	992	43	11	0.00	0.00	0
15620033	BK6404	0.12	73 3-	336 ACSR 18/1	3242	3362	3718	188	992	43	8	0.06	0.04	23
15-62-P056A-B	15620033	0.12	73 3-	Closed	3242	3362	3718	188	992	43	0	0.00	0.04	0
15-62-P056A-A	15-62-P056A-B	0.12	73 3-	Closed	3242	3362	3718	188	992	43	0	0.00	0.04	0
15620048	15-62-P056A-A	0.30	73 3-	336 ACSR 18/1	3088	3143	3406	188	992	43	8	0.08	0.10	33
15720194	15620048	0.32	26 1-	2 ACSR 6/1	0	0	3346	188	93	11	7	0.01	0.15	0
D15-72-P284	15720194	0.32	26 1-	REC-50-L	0	0	3346	188	93	11	24	0.00	0.15	0
15720137	D15-72-P284	0.34	26 1-	2 ACSR 6/1	0	0	3316	188	93	11	7	0.00	0.15	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15720234	15720137	0.36	1 1-	2 ACSR 6/1	0	0	3254	187	3	0	0	0.00	0.15	0
15720232	15720137	0.39	25 1-	2 ACSR 6/1	0	0	3192	187	90	11	6	0.02	0.17	1
15720195	15720232	0.46	23 1-	2 ACSR 6/1	0	0	3039	187	88	11	6	0.02	0.19	1
15720196	15720195	0.56	20 1-	2 ACSR 6/1	0	0	2840	186	76	9	5	0.03	0.22	2
14690073	15720196	0.62	12 1-	2 ACSR 6/1	0	0	2724	185	47	5	3	0.01	0.23	0
14690136	14690073	0.65	12 1-	2 ACSR 6/1	0	0	2667	185	47	5	3	0.00	0.23	0
14690137	14690136	0.70	11 1-	2 ACSR 6/1	0	0	2588	185	37	4	3	0.01	0.24	0
14690074	14690137	0.76	10 1-	2 ACSR 6/1	0	0	2498	184	34	4	2	0.01	0.25	0
14690090	14690074	0.80	9 1-	2 ACSR 6/1	0	0	2444	184	24	2	2	0.00	0.25	0
14690143	14690090	0.85	1 1-	2 ACSR 6/1	0	0	2371	184	7	0	0	0.00	0.25	0
14690082	14690090	0.85	7 1-	2 ACSR 6/1	0	0	2360	184	14	1	1	0.00	0.25	0
14690088	14690082	0.91	6 1-	2 ACSR 6/1	0	0	2282	183	13	1	1	0.00	0.25	0
14690087	14690088	0.96	3 1-	2 ACSR 6/1	0	0	2223	183	8	1	1	0.00	0.26	0
14690083	14690087	1.01	3 1-	2 ACSR 6/1	0	0	2161	182	8	1	1	0.00	0.26	0
14690055	15720196	0.59	8 1-	2 ACSR 6/1	0	0	2779	186	29	3	2	0.00	0.22	0
14790081	14690055	0.62	6 1-	2 ACSR 6/1	0	0	2721	185	22	2	2	0.00	0.22	0
14790122	14790081	0.69	2 1-	2 ACSR 6/1	0	0	2614	185	5	0	0	0.00	0.22	0
14790048	14790081	0.74	4 1-	2 ACSR 6/1	0	0	2534	184	17	2	1	0.01	0.23	0
14790088	14790048	0.77	2 1-	2 ACSR 6/1	0	0	2478	184	11	1	1	0.00	0.23	0
14790089	14790088	0.81	0 1-	2 ACSR 6/1	0	0	2427	184	0	0	0	0.00	0.23	0
14790087	14790048	0.79	2 1-	2 ACSR 6/1	0	0	2459	184	6	0	0	0.00	0.23	0
15720036	15620048	0.33	47 3-	336 ACSR 18/1	3064	3109	3359	188	898	39	8	0.01	0.11	4
15-72-P008-B	15720036	0.33	47 3-	Closed	3064	3109	3359	188	898	39	0	0.00	0.11	0
15-72-P008-A	15-72-P008-B	0.33	47 3-	Closed	3064	3109	3359	188	898	39	0	0.00	0.11	0
15720032	15-72-P008-A	0.42	47 3-	336 ACSR 18/1	2994	3016	3227	188	898	39	8	0.03	0.13	13
15720187	15720032	0.51	29 3-	336 ACSR 18/1	2926	2927	3102	187	836	37	7	0.03	0.16	11
D15-72-P010	15720187	0.51	7 1-	FUS-60	0	0	3102	187	42	5	9	0.00	0.21	0
15720145	D15-72-P010	0.54	7 1-	2 ACSR 6/1	0	0	3043	187	42	5	3	0.00	0.22	0
15720146	15720145	0.56	5 1-	2 ACSR 6/1	0	0	2996	187	37	4	3	0.00	0.22	0
15720188	15720146	0.58	1 1-	2 ACSR 6/1	0	0	2951	187	12	1	1	0.00	0.22	0
15720051	15720146	0.62	2 1-	2 ACSR 6/1	0	0	2881	187	15	1	1	0.00	0.22	0
15720052	15720146	0.67	2 1-	2 ACSR 6/1	0	0	2780	186	10	1	1	0.00	0.22	0
15720150	15720187	0.54	20 3-	336 ACSR 18/1	2905	2900	3065	187	788	35	7	0.01	0.16	3
15720152	15720150	0.58	3 3-	336 ACSR 18/1	2873	2860	3009	187	13	0	0	0.00	0.16	0
15720151	15720150	0.58	15 3-	336 ACSR 18/1	2875	2862	3012	187	767	34	6	0.01	0.17	4
15720186	15720151	0.63	2 1-	2 ACSR 6/1	0	0	2909	187	3	0	0	0.00	0.18	0
15720185	15720151	0.62	10 3-	336 ACSR 18/1	2846	2826	2961	187	754	33	6	0.01	0.19	4
15720182	15720185	0.67	6 3-	336 ACSR 18/1	2809	2779	2897	187	736	33	6	0.01	0.20	5
15720153	15720182	0.75	2 3-	1/0 ACSR 6/1	2728	2690	2775	187	722	32	14	0.05	0.24	24
15720920	15720153	0.75	2 3-	Consumer	2728	2690	2775	187	721	32	0	0.00	0.24	0
15720228	15720153	0.83	0 3-	1/0 ACSR 6/1	2648	2600	2657	186	0	0	0	0.00	0.24	0
15720038	15720228	0.91	0 3-	1/0 ACSR 6/1	2574	2518	2550	186	0	0	0	0.00	0.24	0
15720041	15720038	0.94	0 3-	15 KV 2 URD XLP	2552	2502	2522	469	0	0	0	0.00	0.24	0
15720213	15720038	0.96	0 1-	15 KV 2 URD XLP	0	0	2489	468	0	0	0	0.00	0.25	0
15720214	15720213	1.00	0 1-	15 KV 2 URD XLP	0	0	2429	464	0	0	0	0.00	0.25	0
15720043	15720038	0.95	0 3-	15 KV 2 URD XLP	2548	2499	2518	469	0	0	0	0.00	0.24	0
15720044	15720043	1.03	0 3-	15 KV 2 URD XLP	2491	2454	2446	464	0	0	0	0.00	0.24	0
15720031	15720228	0.90	0 3-	1/0 ACSR 6/1	2584	2529	2565	186	0	0	0	0.00	0.24	0
15720207	15720031	0.97	0 3-	1/0 ACSR 6/1	2516	2453	2469	185	0	0	0	0.00	0.24	0
15720208	15720207	1.03	0 3-	1/0 ACSR 6/1	2464	2396	2397	185	0	0	0	0.00	0.24	0
15720211	15720208	1.10	0 1-	15 KV 2 URD XLP	0	0	2320	462	0	0	0	0.00	0.25	0
15720212	15720211	1.10	0 1-	15 KV 2 URD XLP	0	0	2315	462	0	0	0	0.00	0.25	0

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 85	CARPENTER (85)	2136			4080	4191	4655	355	12906						
SUB 85,	CKT 1														
	BK8501+ CARPENTER(85)	0.00	757 3-		BK8501	4080	4191	4655	355	3028	66 33	0.00	0.00	0	
	22230032+ BK8501	0.10	757 3-	4/0	ACSR 6/1	3988	4075	4471	354	3028	66 20	0.04	0.03	64	
	22230033+ 22230032	0.13	757 3-	4/0	ACSR 6/1	3955	4034	4407	354	3027	66 20	0.01	0.04	23	
	22230035+ 22230033	0.25	756 3-	4/0	ACSR 6/1	3850	3904	4207	353	3019	66 20	0.04	0.07	77	
	22230036+ 22230035	0.31	756 3-	4/0	ACSR 6/1	3795	3836	4105	353	3018	66 20	0.02	0.09	42	
	D22-13-P143+ 22230036	0.31	1 1-		FUS	0	0	4105	353	0	0 0	0.00	0.12	0	
	22130045+ D22-13-P143	0.64	1 1-	2	ACSR 6/1	0	0	3526	348	0	0 0	0.00	0.12	0	
	22130026+ 22230036	0.38	754 3-	4/0	ACSR 6/1	3744	3773	4011	352	3007	66 20	0.02	0.11	40	
	22120023+ 22130026	0.44	754 3-	4/0	ACSR 6/1	3693	3712	3921	352	3007	66 20	0.02	0.12	40	
	22120042+ 22120023	0.56	752 3-	4/0	ACSR 6/1	3600	3599	3759	351	2994	66 19	0.04	0.16	76	
	22120043+ 22120042	0.64	752 3-	4/0	ACSR 6/1	3540	3528	3658	351	2993	66 19	0.03	0.18	51	
	22120048+ 22120043	0.68	752 3-	1/0	ACSR 6/1	3502	3485	3599	350	2993	66 29	0.03	0.20	54	
	22120052+ 22120048	0.91	751 3-	1/0	ACSR 6/1	3301	3257	3299	348	2990	66 29	0.15	0.33	302	
	22120037+ 22120052	1.00	747 3-	1/0	ACSR 6/1	3230	3176	3197	347	2984	66 29	0.06	0.37	114	
	D22-13-P068+ 22120037	1.00	2 1-		FUS-30	0	0	3197	347	6	0 2	0.00	0.47	0	
	22130042+ D22-13-P068	1.10	2 1-	2	ACSR 6/1	0	0	3079	345	6	0 0	0.00	0.47	0	
	22120049+ 22130042	1.17	1 1-	2	ACSR 6/1	0	0	2994	344	4	0 0	0.00	0.47	0	
	22120058+ 22120049	1.46	0 1-	2	ACSR 6/1	0	0	2690	340	0	0 0	0.00	0.47	0	
	22120051+ 22120049	1.23	0 1-	2	ACSR 6/1	0	0	2931	344	0	0 0	0.00	0.47	0	
	22120050+ 22120049	1.23	0 1-	2	ACSR 6/1	0	0	2926	343	0	0 0	0.00	0.47	0	
	D22-13-P068+ 22120037	1.00	26 1-		FUS	0	0	3197	347	118	7 181	0.00	0.38	0	
	22130023+ D22-13-P068	1.06	26 1-	2	ACSR 6/1	0	0	3129	346	118	7 4	0.01	0.39	0	
	22130029+ 22130023	1.14	26 1-	2	ACSR 6/1	0	0	3037	345	118	7 4	0.01	0.40	0	
	22130043+ 22130029	1.19	1 1-	2	ACSR 6/1	0	0	2969	344	10	0 0	0.00	0.40	0	
	22130024+ 22130029	1.18	25 1-	2	ACSR 6/1	0	0	2982	344	108	7 4	0.01	0.40	0	
	22130018+ 22130024	1.36	24 1-	2	ACSR 6/1	0	0	2794	342	107	7 4	0.02	0.42	2	
	22130019+ 22130018	1.42	23 1-	2	ACSR 6/1	0	0	2733	341	105	7 4	0.01	0.43	0	
	22130020+ 22130019	1.51	22 1-	2	ACSR 6/1	0	0	2643	339	100	6 4	0.01	0.44	0	
	22130021+ 22130020	1.64	21 1-	2	ACSR 6/1	0	0	2531	338	97	6 4	0.01	0.45	0	
	22130022+ 22130021	1.67	19 1-	2	ACSR 6/1	0	0	2508	337	94	6 3	0.00	0.45	0	
	22130038+ 22130022	2.06	16 1-	2	ACSR 6/1	0	0	2214	332	85	5 3	0.03	0.48	2	
	22130039+ 22130038	2.11	15 1-	2	ACSR 6/1	0	0	2179	331	79	5 3	0.00	0.49	0	
	22130040+ 22130039	2.14	14 1-	2	ACSR 6/1	0	0	2159	331	78	5 3	0.00	0.49	0	
	22130032+ 22130040	2.44	2 1-	2	ACSR 6/1	0	0	1981	327	13	0 0	0.00	0.49	0	
	22130031+ 22130040	2.29	11 1-	2	ACSR 6/1	0	0	2063	328	62	4 2	0.01	0.50	0	
	22130033+ 22130031	2.35	1 1-	2	ACSR 6/1	0	0	2030	328	3	0 0	0.00	0.50	0	
	22130017+ 22130031	2.35	10 1-	2	ACSR 6/1	0	0	2028	328	60	4 2	0.00	0.50	0	
	22140009+ 22130017	2.41	9 1-	2	ACSR 6/1	0	0	1996	327	54	3 2	0.00	0.51	0	
	22140015+ 22140009	2.49	6 1-	2	ACSR 6/1	0	0	1952	326	48	3 2	0.00	0.51	0	
	22140014+ 22140015	2.57	5 1-	2	ACSR 6/1	0	0	1911	325	43	2 2	0.00	0.51	0	
	22140005+ 22140014	2.61	3 1-	2	ACSR 6/1	0	0	1891	324	27	1 1	0.00	0.51	0	
	22140006+ 22140005	2.65	2 1-	2	ACSR 6/1	0	0	1869	324	16	1 1	0.00	0.51	0	
	22140013+ 22140006	2.74	1 1-	2	ACSR 6/1	0	0	1828	323	10	0 0	0.00	0.51	0	
	22140004+ 22140014	2.63	1 1-	2	ACSR 6/1	0	0	1879	324	8	0 0	0.00	0.51	0	
	22140008+ 22140009	2.48	1 1-	2	ACSR 6/1	0	0	1959	326	1	0 0	0.00	0.51	0	
	22140007+ 22130017	2.48	1 1-	2	ACSR 6/1	0	0	1959	326	6	0 0	0.00	0.50	0	
	22130027+ 22130022	1.74	2 1-	2	ACSR 6/1	0	0	2445	336	7	0 0	0.00	0.45	0	
	22130028+ 22130027	1.82	1 1-	2	ACSR 6/1	0	0	2386	335	4	0 0	0.00	0.45	0	
	22130034+ 22120037	1.21	719 3-	1/0	ACSR 6/1	3077	3004	2984	345	2858	63 28	0.12	0.48	239	
	22130035+ 22130034	1.47	719 3-	1/0	ACSR 6/1	2897	2805	2746	342	2856	63 28	0.16	0.61	307	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22130036+	22130035	1.53	2 1-	2 ACSR 6/1	0	0	2690	341	2	0	0	0.00	0.75	0
22130015+	22130035	1.55	717 3-	1/0 ACSR 6/1	2847	2750	2681	341	2851	63	28	0.05	0.65	93
22130030+	22130015	1.68	716 3-	1/0 ACSR 6/1	2768	2664	2581	340	2850	63	28	0.08	0.71	149
22030023+	22130030	1.73	715 3-	1/0 ACSR 6/1	2738	2631	2543	340	2840	63	27	0.03	0.74	60
D22-03-P024+	22030023	1.73	6 1-	FUS	0	0	2543	340	9	0	13	0.00	0.58	0
22030019+	D22-03-P024	1.74	6 1-	2 ACSR 6/1	0	0	2536	339	9	0	0	0.00	0.58	0
22030020+	22030019	1.85	5 1-	2 ACSR 6/1	0	0	2450	338	6	0	0	0.00	0.58	0
22030021+	22030020	1.94	4 1-	2 ACSR 6/1	0	0	2380	337	6	0	0	0.00	0.58	0
22030022+	22030021	1.99	3 1-	2 ACSR 6/1	0	0	2339	336	3	0	0	0.00	0.58	0
22030014+	22030022	2.03	3 1-	2 ACSR 6/1	0	0	2314	335	3	0	0	0.00	0.58	0
22030015+	22030014	2.26	3 1-	2 ACSR 6/1	0	0	2160	332	3	0	0	0.00	0.58	0
22030016+	22030015	2.35	1 1-	2 ACSR 6/1	0	0	2104	331	1	0	0	0.00	0.58	0
22030010+	22030015	2.28	2 1-	2 ACSR 6/1	0	0	2142	332	2	0	0	0.00	0.58	0
22030024+	22030010	2.38	1 1-	2 ACSR 6/1	0	0	2081	330	0	0	0	0.00	0.58	0
22030025+	22030024	2.73	1 1-	2 ACSR 6/1	0	0	1895	326	0	0	0	0.00	0.58	0
22030017+	22030010	2.36	1 1-	2 ACSR 6/1	0	0	2098	331	2	0	0	0.00	0.58	0
22030013+	22030022	2.05	0 1-	2 ACSR 6/1	0	0	2301	335	0	0	0	0.00	0.58	0
22030012+	22030020	1.97	1 1-	2 ACSR 6/1	0	0	2354	336	0	0	0	0.00	0.58	0
22030011+	22030023	2.11	709 3-	1/0 ACSR 6/1	2535	2413	2299	336	2831	62	27	0.23	0.92	427
22030018+	22030011	2.15	3 1-	2 ACSR 6/1	0	0	2266	335	9	0	0	0.00	0.74	0
22030007+	22030011	2.18	706 3-	1/0 ACSR 6/1	2496	2372	2253	335	2817	62	27	0.05	0.96	89
22030009+	22030007	2.34	705 3-	1/0 ACSR 6/1	2423	2294	2168	334	2807	62	27	0.09	1.04	174
16930020+	22030009	2.48	2 1-	2 ACSR 6/1	0	0	2082	332	6	0	0	0.00	0.84	0
16930017+	22030009	2.72	703 3-	1/0 ACSR 6/1	2254	2118	1979	330	2799	62	27	0.24	1.23	437
16930018+	16930017	2.80	702 3-	1/0 ACSR 6/1	2224	2087	1947	329	2793	62	27	0.05	1.26	84
16930008+	16930018	2.94	697 3-	1/0 ACSR 6/1	2167	2029	1886	328	2781	62	27	0.09	1.33	163
16830020+	16930008	3.04	694 3-	1/0 ACSR 6/1	2132	1993	1848	327	2775	61	27	0.06	1.38	105
16830022+	16830020	3.23	690 3-	1/0 ACSR 6/1	2062	1922	1774	325	2762	61	27	0.12	1.47	217
16830018+	16830022	3.32	690 3-	1/0 ACSR 6/1	2034	1893	1745	324	2760	61	27	0.05	1.51	92
16830019+	16830018	3.37	680 3-	1/0 ACSR 6/1	2016	1875	1726	324	2727	61	27	0.03	1.54	60
CAP159+	16830019	3.37	680 3-	Capacitor	2016	1875	1726	324	2727	61	0	0.00	1.54	0
16830035+	CAP159	3.41	289 3-	1/0 ACSR 6/1	2004	1863	1714	323	934	21	9	0.02	1.55	7
16-83-P116-A+	16830035	3.41	289 3-	Closed	2004	1863	1714	323	934	21	0	0.00	1.55	0
16-83-P116-B+	16-83-P116-A	3.41	289 3-	Closed	2004	1863	1714	323	934	21	0	0.00	1.55	0
16830037+	16-83-P116-B	3.90	289 3-	1/0 ACSR 6/1	1855	1713	1562	319	934	21	9	0.21	1.63	100
D16-82-P022+	16830037	3.90	4 1-	FUS-30	0	0	1562	319	7	0	2	0.00	1.33	0
16820008+	D16-82-P022	4.08	4 1-	2 ACSR 6/1	0	0	1501	316	7	0	0	0.00	1.33	0
20852120+	16820008	4.15	2 1-	2 ACSR 6/1	0	0	1482	316	3	0	0	0.00	1.33	0
20851921+	16830037	4.00	285 3-	1/0 ACSR 6/1	1825	1684	1533	318	926	20	9	0.04	1.65	22
16720031+	20851921	4.03	284 3-	1/0 ACSR 6/1	1817	1676	1525	318	923	20	9	0.01	1.66	6
20851520+	16720031	4.22	2 1-	2 ACSR 6/1	0	0	1467	315	4	0	0	0.00	2.19	0
16720069+	16720031	4.10	282 3-	1/0 ACSR 6/1	1798	1657	1506	317	919	20	9	0.03	1.67	14
D16-72-P123+	16720069	4.10	282 3-	REC-70-E	1798	1657	1506	317	919	20	30	0.00	1.67	0
20851522+	D16-72-P123	4.23	282 3-	1/0 ACSR 6/1	1765	1624	1473	316	919	20	9	0.05	1.69	25
20851521+	20851522	4.27	282 3-	1/0 ACSR 6/1	1756	1615	1464	316	919	20	9	0.02	1.70	7
16820007+	20851521	4.39	276 3-	1/0 ACSR 6/1	1726	1586	1435	314	899	20	9	0.05	1.72	23
D16-82-P053+	16820007	4.39	8 1-	FUS-30	0	0	1435	314	33	2	8	0.00	2.33	0
16820009+	D16-82-P053	4.63	8 1-	2 ACSR 6/1	0	0	1368	311	33	2	1	0.01	2.34	0
20851340+	16820009	4.67	7 1-	2 ACSR 6/1	0	0	1359	311	31	2	1	0.00	2.34	0
20851443+	20851340	4.78	4 1-	2 ACSR 6/1	0	0	1331	310	19	1	1	0.00	2.34	0
20851847+	20851443	4.82	3 1-	2 ACSR 6/1	0	0	1321	309	19	1	1	0.00	2.34	0
20851849+	20851847	4.89	2 1-	2 ACSR 6/1	0	0	1303	308	16	1	1	0.00	2.35	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851780+	20851849	5.02	2 1-	2 ACSR 6/1	0	0	1272	306	16	1	1	0.00	2.35	0
20851782+	20851780	5.13	1 1-	2 ACSR 6/1	0	0	1247	305	13	0	0	0.00	2.35	0
20851781+	20851780	5.08	1 1-	2 ACSR 6/1	0	0	1260	306	3	0	0	0.00	2.35	0
20851848+	20851847	4.86	1 1-	2 ACSR 6/1	0	0	1310	308	3	0	0	0.00	2.34	0
20851343+	20851340	4.73	3 1-	2 ACSR 6/1	0	0	1343	310	12	0	0	0.00	2.34	0
20851342+	20851343	4.79	1 1-	2 ACSR 6/1	0	0	1327	309	5	0	0	0.00	2.34	0
20851341+	20851343	4.76	1 1-	2 ACSR 6/1	0	0	1335	310	3	0	0	0.00	2.34	0
16720067+	16820007	4.50	268 3-	1/0 ACSR 6/1	1699	1559	1409	313	866	19	9	0.04	1.74	19
16720066+	16720067	4.60	268 3-	1/0 ACSR 6/1	1676	1536	1387	313	866	19	9	0.04	1.75	17
16720053+	16720066	4.74	1 1-	2 ACSR 6/1	0	0	1349	311	7	0	0	0.00	1.42	0
16720052+	16720066	4.65	267 3-	1/0 ACSR 6/1	1664	1525	1375	312	858	19	8	0.02	1.76	9
16720051+	16720052	4.70	267 3-	1/0 ACSR 6/1	1653	1513	1364	312	858	19	8	0.02	1.77	9
16720050+	16720051	4.77	266 3-	1/0 ACSR 6/1	1637	1498	1349	311	856	19	8	0.03	1.78	12
16720059+	16720050	5.01	266 3-	1/0 ACSR 6/1	1586	1449	1301	309	856	19	8	0.09	1.82	41
D16-72-P076+	16720059	5.01	29 1-	FUS-25-E	0	0	1301	309	113	7	0	0.00	1.42	0
16720070+	D16-72-P076	5.34	29 1-	2 ACSR 6/1	0	0	1225	305	113	7	4	0.04	1.46	3
16720054+	16720070	5.45	28 1-	2 ACSR 6/1	0	0	1203	303	112	7	4	0.01	1.47	0
16720055+	16720054	5.54	27 1-	2 ACSR 6/1	0	0	1186	302	110	7	4	0.01	1.48	0
16720056+	16720055	5.71	27 1-	2 ACSR 6/1	0	0	1151	300	110	7	4	0.02	1.50	2
20851338+	16720056	5.93	1 1-	2 ACSR 6/1	0	0	1111	298	2	0	0	0.00	1.50	0
15890008+	16720056	5.76	26 1-	2 ACSR 6/1	0	0	1142	300	108	7	4	0.01	1.50	0
20851255+	15890008	5.80	1 1-	2 ACSR 6/1	0	0	1136	299	3	0	0	0.00	1.50	0
20851230+	15890008	5.91	1 1-	2 ACSR 6/1	0	0	1115	298	2	0	0	0.00	1.50	0
15890009+	15890008	5.89	24 1-	2 ACSR 6/1	0	0	1119	298	103	6	4	0.01	1.52	1
20851256+	15890009	5.94	1 1-	2 ACSR 6/1	0	0	1110	298	2	0	0	0.00	1.52	0
15890010+	15890009	6.10	23 1-	2 ACSR 6/1	0	0	1083	296	101	6	4	0.02	1.54	2
20851258+	15890010	6.18	22 1-	2 ACSR 6/1	0	0	1070	295	100	6	4	0.01	1.55	0
20851259+	20851258	6.23	21 1-	2 ACSR 6/1	0	0	1062	294	96	6	4	0.01	1.55	0
20851260+	20851259	6.33	20 1-	2 ACSR 6/1	0	0	1045	293	94	6	4	0.01	1.56	0
D15-89-P015+	20851260	6.33	10 1-	FUS-15	0	0	1045	293	42	2	21	0.00	1.56	0
20851454+	D15-89-P015	6.43	10 1-	2 ACSR 6/1	0	0	1029	292	42	2	2	0.00	1.57	0
20851455+	20851454	6.59	9 1-	2 ACSR 6/1	0	0	1006	290	39	2	1	0.01	1.57	0
20851456+	20851455	6.64	7 1-	2 ACSR 6/1	0	0	999	290	28	1	1	0.00	1.57	0
20851457+	20851456	6.70	6 1-	2 ACSR 6/1	0	0	991	289	26	1	1	0.00	1.57	0
20851458+	20851457	6.89	6 1-	2 ACSR 6/1	0	0	964	287	26	1	1	0.00	1.58	0
20851459+	20851458	6.93	4 1-	2 ACSR 6/1	0	0	959	286	22	1	1	0.00	1.58	0
15890011+	20851459	7.01	1 1-	2 ACSR 6/1	0	0	948	285	8	0	0	0.00	1.58	0
20851557+	20851459	7.06	3 1-	2 ACSR 6/1	0	0	942	285	14	0	1	0.00	1.58	0
20851546+	20851557	7.24	2 1-	2 ACSR 6/1	0	0	919	283	9	0	0	0.00	1.58	0
15990010+	20851546	7.50	1 1-	2 ACSR 6/1	0	0	889	280	4	0	0	0.00	1.58	0
20852127+	20851546	7.29	1 1-	2 ACSR 6/1	0	0	913	282	5	0	0	0.00	1.58	0
15890012+	20851260	6.94	10 1-	2 ACSR 6/1	0	0	957	286	52	3	2	0.03	1.59	1
15790014+	15890012	7.01	9 1-	2 ACSR 6/1	0	0	949	286	47	3	2	0.00	1.60	0
D15-79-P020+	15790014	7.01	1 1-	FUS	0	0	949	286	7	0	10	0.00	1.60	0
15790015+	D15-79-P020	7.34	1 1-	2 ACSR 6/1	0	0	907	282	7	0	0	0.00	1.60	0
15790013+	15790014	7.08	8 1-	2 ACSR 6/1	0	0	939	285	40	2	2	0.00	1.60	0
15790002+	15790013	7.29	7 1-	2 ACSR 6/1	0	0	913	282	38	2	1	0.01	1.61	0
15790003+	15790002	7.33	5 1-	2 ACSR 6/1	0	0	908	282	30	2	1	0.00	1.61	0
20851160+	15790003	7.47	1 1-	2 ACSR 6/1	0	0	892	281	3	0	0	0.00	1.61	0
15790004+	15790003	7.39	4 1-	2 ACSR 6/1	0	0	902	281	27	1	1	0.00	1.61	0
15790006+	15790004	7.42	3 1-	2 ACSR 6/1	0	0	897	281	19	1	1	0.00	1.61	0
15790007+	15790006	7.48	3 1-	2 ACSR 6/1	0	0	890	280	19	1	1	0.00	1.61	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15790008+	15790007	7.55	2 1-	2 ACSR 6/1	0	0	883	280	11	0	0	0.00	1.61	0
20851257+	15890010	6.14	1 1-	2 ACSR 6/1	0	0	1076	295	2	0	0	0.00	1.54	0
16720062+	16720059	5.05	55 1-	2 ACSR 6/1	0	0	1292	308	157	10	6	0.01	2.58	0
D16-72-P018+	16720062	5.05	54 1-	FUS-25-E	0	0	1292	308	153	10	0	0.00	2.58	0
16720071+	D16-72-P018	5.31	54 1-	2 ACSR 6/1	0	0	1232	305	153	10	6	0.04	2.62	5
16720036+	16720071	5.40	52 1-	2 ACSR 6/1	0	0	1214	304	150	10	6	0.01	2.63	2
D16-72-P118+	16720036	5.40	9 1-	FUS-15	0	0	1214	304	38	2	20	0.00	2.63	0
16720065+	D16-72-P118	5.53	9 1-	2 ACSR 6/1	0	0	1186	302	38	2	1	0.01	2.64	0
16720041+	16720065	5.63	7 1-	2 ACSR 6/1	0	0	1167	301	26	1	1	0.00	2.64	0
16720042+	16720041	5.72	6 1-	2 ACSR 6/1	0	0	1149	300	21	1	1	0.00	2.64	0
16720043+	16720042	5.79	6 1-	2 ACSR 6/1	0	0	1136	299	21	1	1	0.00	2.64	0
16720034+	16720043	5.90	5 1-	2 ACSR 6/1	0	0	1117	298	16	1	1	0.00	2.64	0
16730014+	16720034	6.27	3 1-	2 ACSR 6/1	0	0	1056	294	12	0	0	0.00	2.65	0
16730015+	16730014	6.33	1 1-	2 ACSR 6/1	0	0	1046	293	0	0	0	0.00	2.65	0
16730013+	16730014	6.30	2 1-	2 ACSR 6/1	0	0	1050	293	11	0	0	0.00	2.65	0
20851900+	16730013	6.63	1 1-	2 ACSR 6/1	0	0	1000	290	4	0	0	0.00	2.65	0
16730003+	16720034	6.05	2 1-	2 ACSR 6/1	0	0	1092	296	4	0	0	0.00	2.65	0
20851909+	16730003	6.23	1 1-	2 ACSR 6/1	0	0	1061	294	3	0	0	0.00	2.65	0
20851804+	16730003	6.16	1 1-	2 ACSR 6/1	0	0	1073	295	1	0	0	0.00	2.65	0
16720040+	16720065	5.59	2 1-	2 ACSR 6/1	0	0	1175	302	13	0	0	0.00	2.64	0
16720027+	16720036	5.58	43 1-	2 ACSR 6/1	0	0	1177	302	111	7	4	0.02	2.65	2
16720045+	16720027	5.63	2 1-	2 ACSR 6/1	0	0	1167	301	2	0	0	0.00	2.65	0
20850990+	16720027	5.73	41 1-	2 ACSR 6/1	0	0	1148	300	109	7	4	0.02	2.67	1
16620014+	20850990	5.78	2 1-	2 ACSR 6/1	0	0	1139	300	1	0	0	0.00	2.67	0
16620013+	16620014	5.82	1 1-	2 ACSR 6/1	0	0	1132	299	1	0	0	0.00	2.67	0
20850991+	20850990	5.80	3 1-	2 ACSR 6/1	0	0	1135	299	11	0	0	0.00	2.67	0
20850992+	20850991	5.86	2 1-	2 ACSR 6/1	0	0	1124	299	8	0	0	0.00	2.67	0
20850993+	20850992	5.93	1 1-	2 ACSR 6/1	0	0	1111	298	1	0	0	0.00	2.67	0
20850989+	20850990	5.85	35 1-	2 ACSR 6/1	0	0	1126	299	97	6	4	0.01	2.68	0
20851117+	20850989	5.94	33 1-	2 ACSR 6/1	0	0	1110	298	96	6	4	0.01	2.69	0
20851118+	20851117	6.04	29 1-	2 ACSR 6/1	0	0	1093	296	90	6	3	0.01	2.70	0
20850709+	20851118	6.11	28 1-	2 ACSR 6/1	0	0	1081	296	88	5	3	0.01	2.71	0
20850708+	20850709	6.16	27 1-	2 ACSR 6/1	0	0	1072	295	80	5	3	0.00	2.71	0
20850638+	20850708	6.38	1 1-	2 ACSR 6/1	0	0	1038	293	2	0	0	0.00	2.71	0
20850636+	20850708	6.20	26 1-	2 ACSR 6/1	0	0	1066	295	78	5	3	0.00	2.71	0
20850637+	20850636	6.23	25 1-	2 ACSR 6/1	0	0	1061	294	77	5	3	0.00	2.72	0
20850663+	20850637	6.36	24 1-	2 ACSR 6/1	0	0	1041	293	76	5	3	0.01	2.73	0
20851578+	20850663	6.40	1 1-	2 ACSR 6/1	0	0	1034	292	3	0	0	0.00	2.73	0
20851129+	20850663	6.45	23 1-	2 ACSR 6/1	0	0	1026	292	74	5	3	0.01	2.73	0
20851513+	20851129	6.62	8 1-	2 ACSR 6/1	0	0	1002	290	35	2	1	0.01	2.74	0
20851703+	20851513	6.74	5 1-	2 ACSR 6/1	0	0	984	288	29	1	1	0.00	2.74	0
20851383+	20851703	6.85	3 1-	2 ACSR 6/1	0	0	969	287	20	1	1	0.00	2.74	0
20851382+	20851383	6.93	1 1-	2 ACSR 6/1	0	0	958	286	6	0	0	0.00	2.74	0
16630019+	20851383	7.04	1 1-	2 ACSR 6/1	0	0	945	285	6	0	0	0.00	2.74	0
16530058+	16630019	7.25	0 1-	2 ACSR 6/1	0	0	918	283	0	0	0	0.00	2.74	0
16530059+	16530058	7.63	0 1-	2 ACSR 6/1	0	0	874	279	0	0	0	0.00	2.74	0
16-52-P032-A+	16530059	7.63	0 1-	Open	0	0	874	279	0	0	0	0.00	2.74	0
20851512+	20851513	6.75	2 1-	2 ACSR 6/1	0	0	983	288	5	0	0	0.00	2.74	0
20851130+	20851129	6.53	13 1-	2 ACSR 6/1	0	0	1015	291	36	2	1	0.00	2.74	0
20851373+	20851130	6.63	11 1-	2 ACSR 6/1	0	0	1001	290	34	2	1	0.00	2.74	0
20851374+	20851373	6.68	0 1-	2 ACSR 6/1	0	0	993	289	0	0	0	0.00	2.74	0
16630018+	20851373	6.68	11 1-	2 ACSR 6/1	0	0	993	289	34	2	1	0.00	2.74	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D16-63-P045+	16630018	6.68	6 1-	FUS	0	0	993	289	28	1	43	0.00	2.74	0
20851377+	D16-63-P045	6.77	6 1-	2 ACSR 6/1	0	0	981	288	28	1	1	0.00	2.74	0
20851379+	20851377	6.94	4 1-	2 ACSR 6/1	0	0	957	286	18	1	1	0.00	2.75	0
20851380+	20851379	7.23	3 1-	2 ACSR 6/1	0	0	920	283	11	0	0	0.00	2.75	0
16630021+	20851380	7.49	2 1-	2 ACSR 6/1	0	0	890	280	7	0	0	0.00	2.75	0
16730010+	16630021	7.59	2 1-	2 ACSR 6/1	0	0	878	279	7	0	0	0.00	2.75	0
20851634+	16730010	7.86	1 1-	2 ACSR 6/1	0	0	849	276	3	0	0	0.00	2.75	0
20851635+	20851634	7.92	1 1-	2 ACSR 6/1	0	0	843	276	3	0	0	0.00	2.75	0
20851381+	20851380	7.26	1 1-	2 ACSR 6/1	0	0	917	283	4	0	0	0.00	2.75	0
20851378+	20851377	6.82	1 1-	2 ACSR 6/1	0	0	974	288	8	0	0	0.00	2.74	0
20851375+	16630018	6.72	5 1-	2 ACSR 6/1	0	0	988	289	6	0	0	0.00	2.74	0
20851376+	20851375	6.85	4 1-	2 ACSR 6/1	0	0	969	287	6	0	0	0.00	2.74	0
20851514+	20851376	6.97	3 1-	2 ACSR 6/1	0	0	954	286	6	0	0	0.00	2.74	0
20851515+	20851514	7.07	2 1-	2 ACSR 6/1	0	0	941	285	4	0	0	0.00	2.74	0
20851516+	20851515	7.19	1 1-	2 ACSR 6/1	0	0	926	284	1	0	0	0.00	2.74	0
20851128+	20851129	6.62	1 1-	2 ACSR 6/1	0	0	1002	290	0	0	0	0.00	2.73	0
20851116+	20851117	6.03	2 1-	2 ACSR 6/1	0	0	1095	297	3	0	0	0.00	2.69	0
16720037+	16720062	5.08	1 1-	2 ACSR 6/1	0	0	1283	308	4	0	0	0.00	2.58	0
16720061+	16720059	5.04	181 3-	1/0 ACSR 6/1	1580	1443	1295	309	582	13	6	0.01	1.82	3
16720044+	16720061	5.06	2 1-	2 ACSR 6/1	0	0	1289	308	7	0	0	0.00	1.42	0
16720033+	16720061	5.08	178 3-	1/0 ACSR 6/1	1570	1433	1286	308	575	13	6	0.01	1.83	4
D16-72-P015+	16720033	5.08	178 3-	REC-25-E	1570	1433	1286	308	575	13	52	0.00	1.83	0
16720030+	D16-72-P015	5.29	178 3-	1/0 ACSR 6/1	1530	1394	1248	307	575	13	6	0.05	1.85	18
D16-72-P005+	16720030	5.29	3 1-	FUS-30	0	0	1248	307	12	0	3	0.00	2.64	0
16720068+	D16-72-P005	5.30	3 1-	2 ACSR 6/1	0	0	1245	306	12	0	0	0.00	2.64	0
16720039+	16720068	5.37	2 1-	2 ACSR 6/1	0	0	1231	306	8	0	0	0.00	2.64	0
16720047+	16720039	5.48	1 1-	2 ACSR 6/1	0	0	1208	304	7	0	0	0.00	2.64	0
16720046+	16720039	5.42	1 1-	2 ACSR 6/1	0	0	1219	305	0	0	0	0.00	2.64	0
16720029+	16720030	5.34	175 3-	1/0 ACSR 6/1	1520	1385	1239	306	563	12	6	0.01	1.85	4
16720048+	16720029	5.42	2 1-	2 ACSR 6/1	0	0	1222	305	5	0	0	0.00	1.40	0
16720032+	16720029	5.47	173 3-	1/0 ACSR 6/1	1494	1360	1215	305	557	12	5	0.03	1.87	11
16720049+	16720032	5.52	1 1-	2 ACSR 6/1	0	0	1205	304	7	0	0	0.00	2.69	0
16720028+	16720032	5.53	172 3-	1/0 ACSR 6/1	1483	1349	1205	304	550	12	5	0.01	1.88	5
D16-72-P008+	16720028	5.53	10 1-	FUS-30	0	0	1205	304	24	1	6	0.00	1.39	0
16720057+	D16-72-P008	5.61	10 1-	2 ACSR 6/1	0	0	1189	303	24	1	1	0.00	1.39	0
16720058+	16720057	5.72	9 1-	2 ACSR 6/1	0	0	1168	302	20	1	1	0.00	1.39	0
20851473+	16720058	5.81	1 1-	2 ACSR 6/1	0	0	1152	301	3	0	0	0.00	1.39	0
15790009+	16720058	6.02	7 1-	2 ACSR 6/1	0	0	1112	298	14	0	1	0.00	1.40	0
15790005+	15790009	6.34	6 1-	2 ACSR 6/1	0	0	1059	295	14	0	1	0.00	1.40	0
20851731+	15790005	6.42	3 1-	2 ACSR 6/1	0	0	1046	294	9	0	0	0.00	1.40	0
20851729+	16720058	5.81	1 1-	2 ACSR 6/1	0	0	1152	301	2	0	0	0.00	1.39	0
20851730+	20851729	5.85	1 1-	2 ACSR 6/1	0	0	1144	301	2	0	0	0.00	1.39	0
16620008+	16720028	5.62	162 3-	1/0 ACSR 6/1	1467	1333	1190	304	526	11	5	0.02	1.88	7
D16-62-P048+	16620008	5.62	13 1-	FUS-30	0	0	1190	304	24	1	6	0.00	2.73	0
16620015+	D16-62-P048	5.67	13 1-	2 ACSR 6/1	0	0	1181	303	24	1	1	0.00	2.73	0
20851148+	16620015	5.73	12 1-	2 ACSR 6/1	0	0	1169	302	22	1	1	0.00	2.73	0
20851183+	20851148	5.78	11 1-	2 ACSR 6/1	0	0	1160	302	20	1	1	0.00	2.73	0
20851185+	20851183	6.11	6 1-	2 ACSR 6/1	0	0	1101	298	10	0	0	0.00	2.73	0
20851262+	20851185	6.24	0 1-	2 ACSR 6/1	0	0	1078	296	0	0	0	0.00	2.73	0
20851263+	20851262	6.28	0 1-	2 ACSR 6/1	0	0	1071	296	0	0	0	0.00	2.73	0
20851186+	20851185	6.15	4 1-	2 ACSR 6/1	0	0	1092	297	6	0	0	0.00	2.73	0
20851261+	20851186	6.20	2 1-	2 ACSR 6/1	0	0	1084	297	4	0	0	0.00	2.73	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851184+	20851183	5.84	4 1-	2 ACSR 6/1	0	0	1148	301	8	0	0	0.00	2.73	0
16620010+	20851184	6.00	1 1-	2 ACSR 6/1	0	0	1119	299	2	0	0	0.00	2.73	0
20850962+	16620008	5.65	1 1-	2 ACSR 6/1	0	0	1186	303	2	0	0	0.00	1.38	0
16620009+	16620008	5.68	148 3-	1/0 ACSR 6/1	1458	1324	1181	303	499	11	5	0.01	1.89	4
20851264+	16620009	5.70	1 1-	2 ACSR 6/1	0	0	1177	303	4	0	0	0.00	2.74	0
20851127+	16620009	5.76	147 3-	1/0 ACSR 6/1	1444	1311	1168	302	495	11	5	0.02	1.90	6
20851265+	20851127	5.92	147 3-	1/0 ACSR 6/1	1415	1283	1142	301	495	11	5	0.04	1.91	12
15690034+	20851265	6.09	145 3-	1/0 ACSR 6/1	1389	1258	1118	300	490	11	5	0.04	1.93	11
20851728+	15690034	6.22	143 3-	1/0 ACSR 6/1	1367	1237	1099	299	488	11	5	0.03	1.94	10
D15-69-P088+	20851728	6.22	10 1-	FUS-30	0	0	1099	299	39	2	10	0.00	2.86	0
15690047+	D15-69-P088	6.26	10 1-	2 ACSR 6/1	0	0	1093	298	39	2	1	0.00	2.86	0
20851769+	15690047	6.30	8 1-	2 ACSR 6/1	0	0	1085	298	37	2	1	0.00	2.86	0
20851770+	20851769	6.41	8 1-	2 ACSR 6/1	0	0	1067	296	37	2	1	0.00	2.86	0
20851771+	20851770	6.45	8 1-	2 ACSR 6/1	0	0	1060	296	37	2	1	0.00	2.87	0
15690043+	20851771	6.48	8 1-	2 ACSR 6/1	0	0	1056	295	37	2	1	0.00	2.87	0
15690044+	15690043	6.59	8 1-	2 ACSR 6/1	0	0	1039	294	37	2	1	0.00	2.87	0
20851739+	15690044	6.67	6 1-	2 ACSR 6/1	0	0	1027	293	29	1	1	0.00	2.87	0
20851740+	20851739	6.74	3 1-	2 ACSR 6/1	0	0	1016	292	6	0	0	0.00	2.87	0
20851727+	20851740	6.88	1 1-	2 ACSR 6/1	0	0	997	291	2	0	0	0.00	2.87	0
20851567+	20851728	6.39	132 3-	1/0 ACSR 6/1	1342	1214	1076	297	442	10	4	0.03	1.95	9
D15-69-P086+	20851567	6.39	4 1-	FUS-30	0	0	1076	297	7	0	2	0.00	2.89	0
15690046+	D15-69-P086	6.42	4 1-	2 ACSR 6/1	0	0	1071	297	7	0	0	0.00	2.89	0
15690029+	15690046	6.53	3 1-	2 ACSR 6/1	0	0	1053	295	5	0	0	0.00	2.89	0
20851535+	15690029	6.61	2 1-	2 ACSR 6/1	0	0	1040	295	3	0	0	0.00	2.89	0
20851536+	20851535	6.71	1 1-	2 ACSR 6/1	0	0	1025	293	0	0	0	0.00	2.89	0
15690023+	20851567	6.46	127 3-	1/0 ACSR 6/1	1330	1202	1066	297	428	9	4	0.01	1.96	4
D15-69-P027+	15690023	6.46	7 1-	FUS-25	0	0	1066	297	31	2	9	0.00	1.65	0
15690026+	D15-69-P027	6.55	7 1-	2 ACSR 6/1	0	0	1051	295	31	2	1	0.00	1.65	0
15690027+	15690026	6.65	6 1-	2 ACSR 6/1	0	0	1037	294	28	1	1	0.00	1.66	0
20852145+	15690027	6.70	2 1-	2 ACSR 6/1	0	0	1029	294	6	0	0	0.00	1.66	0
20852146+	20852145	6.83	1 1-	2 ACSR 6/1	0	0	1009	292	3	0	0	0.00	1.66	0
20852144+	15690027	6.69	1 1-	2 ACSR 6/1	0	0	1030	294	8	0	0	0.00	1.66	0
20852142+	15690027	6.74	3 1-	2 ACSR 6/1	0	0	1024	293	15	1	1	0.00	1.66	0
20852143+	20852142	6.81	2 1-	2 ACSR 6/1	0	0	1012	292	10	0	0	0.00	1.66	0
15690033+	15690023	6.53	1 1-	2 ACSR 6/1	0	0	1055	296	7	0	0	0.00	1.65	0
15690025+	15690023	6.52	119 3-	1/0 ACSR 6/1	1322	1195	1058	296	389	8	4	0.01	1.96	3
15690032+	15690025	6.60	1 1-	2 ACSR 6/1	0	0	1046	295	2	0	0	0.00	1.66	0
15690031+	15690025	6.93	118 3-	1/0 ACSR 6/1	1264	1140	1007	293	388	8	4	0.08	1.99	21
15690030+	15690031	7.09	118 3-	1/0 ACSR 6/1	1243	1120	988	291	388	8	4	0.03	2.01	8
15690024+	15690030	7.19	117 3-	1/0 ACSR 6/1	1231	1108	977	291	382	8	4	0.02	2.01	5
D15-69-P004+	15690024	7.19	2 1-	FUS	0	0	977	291	3	0	4	0.00	1.71	0
15690041+	D15-69-P004	7.43	2 1-	2 ACSR 6/1	0	0	946	288	3	0	0	0.00	1.71	0
15690042+	15690041	7.68	2 1-	2 ACSR 6/1	0	0	914	285	3	0	0	0.00	1.71	0
15690045+	15690024	7.22	51 3-	1/0 ACSR 6/1	1227	1105	974	290	151	3	1	0.00	2.01	0
15680004+	15690045	7.28	51 3-	1/0 ACSR 6/1	1219	1097	967	290	151	3	1	0.00	2.02	0
20852173+	15680004	7.37	46 3-	1/0 ACSR 6/1	1208	1087	958	289	145	3	1	0.00	2.02	0
D15-68-P013+	20852173	7.37	3 1-	FUS-30	0	0	958	289	5	0	1	0.00	1.28	0
15680005+	D15-68-P013	7.45	3 1-	2 ACSR 6/1	0	0	948	288	5	0	0	0.00	1.28	0
20852140+	15680005	7.69	2 1-	2 ACSR 6/1	0	0	917	286	5	0	0	0.00	1.28	0
20852172+	20852173	7.41	1 1-	2 ACSR 6/1	0	0	953	289	1	0	0	0.00	3.05	0
20852171+	20852173	7.44	42 3-	1/0 ACSR 6/1	1200	1079	950	289	138	3	1	0.00	2.02	0
20852169+	20852171	7.55	38 3-	1/0 ACSR 6/1	1187	1067	939	288	134	3	1	0.00	2.02	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852168+	20852169	7.60	1 1-	2 ACSR 6/1	0	0	932	287	5	0	0	0.00	3.06	0
20852167+	20852169	7.68	35 3-	1/0 ACSR 6/1	1171	1052	925	287	124	2	1	0.00	2.03	0
20852166+	20852167	7.76	2 1-	2 ACSR 6/1	0	0	916	286	8	0	0	0.00	3.06	0
20851797+	20852167	7.72	32 3-	1/0 ACSR 6/1	1167	1048	922	286	112	2	1	0.00	2.03	0
20851796+	20851797	7.84	32 3-	1/0 ACSR 6/1	1154	1036	910	285	112	2	1	0.00	2.03	0
15580030+	20851796	7.93	1 1-	2 ACSR 6/1	0	0	900	284	9	0	0	0.00	3.07	0
15580029+	20851796	7.91	29 3-	1/0 ACSR 6/1	1145	1028	903	285	87	1	1	0.00	2.03	0
15580028+	15580029	7.98	29 3-	1/0 ACSR 6/1	1138	1021	897	284	87	1	1	0.00	2.03	0
15580027+	15580028	8.08	1 1-	2 ACSR 6/1	0	0	885	283	2	0	0	0.00	1.75	0
15580026+	15580028	8.01	1 1-	2 ACSR 6/1	0	0	893	284	4	0	0	0.00	1.75	0
15580014+	15580028	8.15	27 3-	1/0 ACSR 6/1	1119	1003	880	283	81	1	1	0.00	2.03	0
15580025+	15580014	8.25	1 1-	2 ACSR 6/1	0	0	870	282	2	0	0	0.00	3.07	0
15580024+	15580014	8.19	1 1-	2 ACSR 6/1	0	0	876	283	10	0	0	0.00	1.76	0
15580023+	15580014	8.23	2 1-	2 ACSR 6/1	0	0	872	282	9	0	0	0.00	1.76	0
15580021+	15580014	8.35	23 3-	1/0 ACSR 6/1	1099	984	863	281	60	1	1	0.00	2.04	0
15580020+	15580021	8.44	19 3-	1/0 ACSR 6/1	1090	976	855	281	47	1	0	0.00	2.04	0
15580011+	15580020	8.50	17 1-	2 ACSR 6/1	0	0	849	280	39	2	1	0.00	3.08	0
15580033+	15580011	8.55	12 1-	2 ACSR 6/1	0	0	844	280	20	1	1	0.00	3.08	0
15580034+	15580033	8.59	10 1-	2 ACSR 6/1	0	0	840	279	18	1	1	0.00	3.08	0
15580035+	15580034	8.64	7 1-	2 ACSR 6/1	0	0	835	279	14	0	1	0.00	3.08	0
15580036+	15580035	8.81	6 1-	2 ACSR 6/1	0	0	818	277	11	0	0	0.00	3.08	0
15580016+	15580036	9.28	5 1-	2 ACSR 6/1	0	0	775	272	8	0	0	0.00	3.09	0
15580017+	15580016	9.33	2 1-	2 ACSR 6/1	0	0	771	271	3	0	0	0.00	3.09	0
15580018+	15580017	9.45	1 1-	2 ACSR 6/1	0	0	761	270	2	0	0	0.00	3.09	0
15580019+	15580018	9.52	1 1-	2 ACSR 6/1	0	0	755	270	2	0	0	0.00	3.09	0
15580031+	15580011	8.56	5 1-	2 ACSR 6/1	0	0	843	279	19	1	1	0.00	3.08	0
15580032+	15580031	8.65	3 1-	2 ACSR 6/1	0	0	834	279	11	0	0	0.00	3.08	0
15580015+	15580032	8.69	3 1-	2 ACSR 6/1	0	0	830	278	11	0	0	0.00	3.08	0
15570036+	15580020	8.70	0 3-	1/0 ACSR 6/1	1065	953	834	279	0	0	0	0.00	2.04	0
D15-57-P025+	15570036	8.70	0 3-	REC-70-E	1065	953	834	279	0	0	0	0.00	2.04	0
SW4-B+	D15-57-P025	8.70	0 3-	Open	1065	953	834	279	0	0	0	0.00	2.04	0
15580022+	15580021	8.40	4 3-	1/0 ACSR 6/1	1094	980	859	281	13	0	0	0.00	2.04	0
20852170+	20852171	7.47	3 1-	2 ACSR 6/1	0	0	947	288	3	0	0	0.00	1.27	0
15680003+	15680004	7.35	4 1-	2 ACSR 6/1	0	0	958	289	6	0	0	0.00	3.05	0
20852141+	15680003	7.41	3 1-	2 ACSR 6/1	0	0	950	288	5	0	0	0.00	3.05	0
20851732+	15680003	7.40	1 1-	2 ACSR 6/1	0	0	952	288	1	0	0	0.00	3.05	0
20851733+	15690024	7.28	64 1-	2 ACSR 6/1	0	0	965	290	228	15	9	0.02	3.07	4
20851734+	20851733	7.38	63 1-	2 ACSR 6/1	0	0	953	288	225	15	9	0.02	3.09	4
D15-69-P009+	20851734	7.38	62 1-	REC-35-E	0	0	953	288	223	15	44	0.00	3.09	0
15690022+	D15-69-P009	7.46	62 1-	2 ACSR 6/1	0	0	942	288	223	15	8	0.02	3.11	3
15690038+	15690022	7.51	61 1-	2 ACSR 6/1	0	0	936	287	209	14	8	0.01	3.12	2
15690040+	15690038	7.55	1 1-	2 ACSR 6/1	0	0	930	287	9	0	0	0.00	3.12	0
15690039+	15690038	7.64	60 1-	2 ACSR 6/1	0	0	920	286	201	13	8	0.03	3.15	4
15590011+	15690039	7.68	59 1-	2 ACSR 6/1	0	0	915	285	198	13	8	0.01	3.16	1
15590016+	15590011	7.75	2 1-	2 ACSR 6/1	0	0	907	284	5	0	0	0.00	3.16	0
15590006+	15590011	7.79	57 1-	2 ACSR 6/1	0	0	903	284	193	13	7	0.02	3.18	3
15590020+	15590006	7.83	52 1-	2 ACSR 6/1	0	0	898	284	170	11	6	0.01	3.19	0
15590021+	15590020	8.07	51 1-	2 ACSR 6/1	0	0	871	281	162	11	6	0.04	3.23	5
15590012+	15590021	8.21	6 1-	2 ACSR 6/1	0	0	856	279	17	1	1	0.00	3.23	0
15590024+	15590012	8.24	5 1-	2 ACSR 6/1	0	0	853	279	15	1	1	0.00	3.23	0
15590025+	15590024	8.26	4 1-	2 ACSR 6/1	0	0	850	279	13	0	0	0.00	3.23	0
15590026+	15590025	8.50	3 1-	2 ACSR 6/1	0	0	826	276	11	0	0	0.00	3.23	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15590014+	15590026	8.54	1 1-	2 ACSR 6/1	0	0	822	276	2	0	0	0.00	3.23	0
15590013+	15590026	8.78	0 1-	2 ACSR 6/1	0	0	799	273	0	0	0	0.00	3.23	0
15590005+	15590021	8.09	45 1-	2 ACSR 6/1	0	0	869	281	144	9	6	0.00	3.23	0
15590009+	15590005	8.32	44 1-	2 ACSR 6/1	0	0	844	278	138	9	5	0.03	3.26	3
15590010+	15590009	8.43	43 1-	2 ACSR 6/1	0	0	833	277	130	8	5	0.01	3.28	2
15590008+	15590010	8.70	42 1-	2 ACSR 6/1	0	0	806	274	123	8	5	0.04	3.31	3
20851371+	15590008	8.77	41 1-	2 ACSR 6/1	0	0	800	274	118	8	5	0.01	3.32	0
20851372+	20851371	8.89	41 1-	2 ACSR 6/1	0	0	789	272	118	8	5	0.01	3.33	1
20851573+	20851372	8.97	40 1-	2 ACSR 6/1	0	0	782	272	116	7	4	0.01	3.34	0
20851575+	20851573	9.34	39 1-	2 ACSR 6/1	0	0	750	268	115	7	4	0.05	3.39	4
20851611+	20851575	9.39	32 1-	2 ACSR 6/1	0	0	746	267	105	7	4	0.01	3.39	0
20851612+	20851611	9.46	32 1-	2 ACSR 6/1	0	0	741	267	105	7	4	0.01	3.40	0
20851614+	20851612	9.60	29 1-	2 ACSR 6/1	0	0	730	265	96	6	4	0.01	3.42	1
20851615+	20851614	9.64	28 1-	2 ACSR 6/1	0	0	727	265	95	6	4	0.00	3.42	0
20851616+	20851615	9.77	28 1-	2 ACSR 6/1	0	0	717	264	95	6	4	0.01	3.43	0
D15-49-P021+	20851616	9.77	28 1-	REC-25-E	0	0	717	264	95	6	26	0.00	3.43	0
15490012+	D15-49-P021	9.88	28 1-	2 ACSR 6/1	0	0	709	263	95	6	4	0.01	3.44	0
20851617+	15490012	10.00	28 1-	2 ACSR 6/1	0	0	700	262	95	6	4	0.01	3.45	0
20850418+	20851617	10.28	27 1-	2 ACSR 6/1	0	0	681	259	93	6	4	0.03	3.48	2
20850419+	20850418	10.50	24 1-	2 ACSR 6/1	0	0	666	257	87	5	3	0.02	3.50	1
16420008+	20850419	10.60	24 1-	2 ACSR 6/1	0	0	660	256	87	5	3	0.01	3.51	0
16420009+	16420008	10.87	0 1-	2 ACSR 6/1	0	0	643	254	0	0	0	0.00	3.51	0
20850377+	16420008	10.81	24 1-	2 ACSR 6/1	0	0	647	254	87	5	3	0.02	3.53	1
20850443+	20850377	10.87	23 1-	2 ACSR 6/1	0	0	643	254	84	5	3	0.00	3.53	0
20850444+	20850443	10.93	21 1-	2 ACSR 6/1	0	0	640	253	73	4	3	0.00	3.54	0
20851999+	20850444	11.15	5 1-	2 ACSR 6/1	0	0	626	251	7	0	0	0.00	3.54	0
20852000+	20851999	11.24	4 1-	2 ACSR 6/1	0	0	621	250	7	0	0	0.00	3.54	0
20852186+	20852000	11.48	3 1-	2 ACSR 6/1	0	0	608	248	5	0	0	0.00	3.54	0
20852187+	20852186	11.62	1 1-	2 ACSR 6/1	0	0	601	247	2	0	0	0.00	3.54	0
16520011+	20850444	11.01	16 1-	2 ACSR 6/1	0	0	635	252	66	4	3	0.01	3.54	0
16520012+	16520011	11.05	15 1-	2 ACSR 6/1	0	0	632	252	64	4	2	0.00	3.55	0
16520021+	16520012	11.10	10 1-	2 ACSR 6/1	0	0	630	252	36	2	1	0.00	3.55	0
16520022+	16520021	11.17	9 1-	2 ACSR 6/1	0	0	626	251	33	2	1	0.00	3.55	0
16520023+	16520022	11.20	8 1-	2 ACSR 6/1	0	0	624	251	30	2	1	0.00	3.55	0
16520024+	16520023	11.40	3 1-	2 ACSR 6/1	0	0	613	249	14	0	1	0.00	3.55	0
16520025+	16520024	11.81	2 1-	2 ACSR 6/1	0	0	591	245	13	0	0	0.01	3.56	0
20850442+	16520025	11.84	1 1-	2 ACSR 6/1	0	0	589	245	13	0	0	0.00	3.56	0
16520009+	16520023	11.49	5 1-	2 ACSR 6/1	0	0	608	248	15	1	1	0.00	3.56	0
16520026+	16520009	11.52	1 1-	2 ACSR 6/1	0	0	606	248	3	0	0	0.00	3.56	0
16520015+	16520009	11.52	4 1-	2 ACSR 6/1	0	0	606	248	12	0	0	0.00	3.56	0
16520029+	16520015	11.84	1 1-	2 ACSR 6/1	0	0	589	245	1	0	0	0.00	3.56	0
16520030+	16520029	11.85	0 1-	2 ACSR 6/1	0	0	589	245	0	0	0	0.00	3.56	0
16-52-P032-B+	16520030	11.85	0 1-	Open	0	0	589	245	0	0	0	0.00	3.56	0
16520028+	16520015	11.58	1 1-	2 ACSR 6/1	0	0	603	247	8	0	0	0.00	3.56	0
16520016+	16520015	11.61	2 1-	2 ACSR 6/1	0	0	601	247	3	0	0	0.00	3.56	0
16520027+	16520016	11.67	1 1-	2 ACSR 6/1	0	0	598	247	3	0	0	0.00	3.56	0
16520010+	16520016	11.65	1 1-	2 ACSR 6/1	0	0	599	247	0	0	0	0.00	3.56	0
16520013+	16520010	11.71	1 1-	2 ACSR 6/1	0	0	596	246	0	0	0	0.00	3.56	0
16520014+	16520013	11.91	1 1-	2 ACSR 6/1	0	0	586	245	0	0	0	0.00	3.56	0
16520017+	16520010	11.71	0 1-	2 ACSR 6/1	0	0	596	246	0	0	0	0.00	3.56	0
16520018+	16520012	11.08	5 1-	2 ACSR 6/1	0	0	630	252	28	1	1	0.00	3.55	0
16520019+	16520018	11.10	4 1-	2 ACSR 6/1	0	0	629	252	23	1	1	0.00	3.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16520020+	16520019	11.19	2 1-	2 ACSR 6/1	0	0	624	251	12	0	0	0.00	3.55	0
16420010+	16520020	11.26	1 1-	2 ACSR 6/1	0	0	620	250	7	0	0	0.00	3.55	0
20850441+	16520020	11.28	1 1-	2 ACSR 6/1	0	0	619	250	4	0	0	0.00	3.55	0
16420007+	20850419	10.75	0 1-	2 ACSR 6/1	0	0	651	255	0	0	0	0.00	3.50	0
20850376+	20850418	10.77	1 1-	2 ACSR 6/1	0	0	649	254	2	0	0	0.00	3.48	0
20850375+	20850418	10.34	2 1-	2 ACSR 6/1	0	0	677	258	4	0	0	0.00	3.48	0
15490011+	15490012	9.97	0 1-	2 ACSR 6/1	0	0	703	262	0	0	0	0.00	3.44	0
15490015+	15490012	10.15	0 1-	2 ACSR 6/1	0	0	689	260	0	0	0	0.00	3.44	0
15490016+	15490015	10.84	0 1-	2 ACSR 6/1	0	0	645	254	0	0	0	0.00	3.44	0
20851613+	20851612	9.51	2 1-	2 ACSR 6/1	0	0	737	266	3	0	0	0.00	3.40	0
20851574+	20851575	9.97	6 1-	2 ACSR 6/1	0	0	702	262	9	0	0	0.01	3.39	0
20850771+	20851574	10.07	4 1-	2 ACSR 6/1	0	0	695	261	7	0	0	0.00	3.39	0
20850572+	20850771	10.13	2 1-	2 ACSR 6/1	0	0	691	260	5	0	0	0.00	3.39	0
20851370+	15590008	8.80	1 1-	2 ACSR 6/1	0	0	797	273	5	0	0	0.00	3.31	0
15590007+	15590005	8.18	1 1-	2 ACSR 6/1	0	0	858	280	7	0	0	0.00	3.23	0
15590017+	15590006	7.85	5 1-	2 ACSR 6/1	0	0	895	283	23	1	1	0.00	3.18	0
15590018+	15590017	7.90	2 1-	2 ACSR 6/1	0	0	889	283	10	0	0	0.00	3.18	0
15590019+	15590018	7.92	1 1-	2 ACSR 6/1	0	0	887	282	9	0	0	0.00	3.18	0
15590015+	15690039	7.74	1 1-	2 ACSR 6/1	0	0	908	284	3	0	0	0.00	3.15	0
20851795+	15690022	7.58	1 1-	2 ACSR 6/1	0	0	928	286	14	0	1	0.00	3.11	0
20851751+	20851521	4.30	3 1-	2 ACSR 6/1	0	0	1456	315	7	0	0	0.00	2.28	0
20851922+	20851751	4.34	3 1-	2 ACSR 6/1	0	0	1444	315	7	0	0	0.00	2.28	0
16720064+	16720031	4.07	0 1-	2 ACSR 6/1	0	0	1514	317	0	0	0	0.00	2.19	0
20851337+	20851921	4.07	1 1-	2 ACSR 6/1	0	0	1511	317	2	0	0	0.00	2.17	0
16830034+	CAP159	3.42	391 3-	1/0 ACSR 6/1	1998	1857	1708	323	1793	40	18	0.01	1.56	26
16830024+	16830034	3.68	391 3-	1/0 ACSR 6/1	1920	1778	1627	321	1793	40	18	0.06	1.64	123
16830023+	16830024	3.81	387 3-	1/0 ACSR 6/1	1880	1738	1587	320	1783	40	17	0.03	1.69	65
16830031+	16830023	3.89	19 3-	2 ACSR 6/1	1851	1709	1559	319	223	5	3	0.01	1.69	1
16830032+	16830031	3.96	19 3-	2 ACSR 6/1	1828	1686	1536	318	223	5	3	0.01	1.70	0
D16-83-P060+	16830032	3.96	19 3-	REC-35-E	1828	1686	1536	318	223	5	15	0.00	1.70	0
16830016+	D16-83-P060	4.33	19 3-	2 ACSR 6/1	1711	1569	1424	313	223	5	3	0.03	1.72	5
16830028+	16830016	4.62	17 3-	2 ACSR 6/1	1627	1485	1346	309	219	5	3	0.02	1.74	4
16840033+	16830028	4.78	2 1-	2 ACSR 6/1	0	0	1304	307	2	0	0	0.00	2.07	0
16840031+	16830028	4.74	15 3-	2 ACSR 6/1	1595	1453	1315	308	218	5	3	0.01	1.75	2
16840026+	16840031	4.80	14 3-	2 ACSR 6/1	1577	1436	1299	307	216	5	3	0.00	1.75	0
16840028+	16840026	4.87	13 3-	2 ACSR 6/1	1559	1419	1283	306	129	3	2	0.00	1.76	0
16840029+	16840028	5.00	12 3-	2 ACSR 6/1	1527	1387	1253	305	125	2	2	0.01	1.76	0
D16-84-P012+	16840029	5.00	6 1-	FUS	0	0	1253	305	31	2	47	0.00	1.76	0
16840025+	D16-84-P012	5.10	6 1-	2 ACSR 6/1	0	0	1232	303	31	2	1	0.00	1.77	0
20851929+	16840025	5.17	1 1-	2 ACSR 6/1	0	0	1217	303	4	0	0	0.00	1.77	0
20851930+	16840025	5.27	4 1-	2 ACSR 6/1	0	0	1195	301	26	1	1	0.00	1.77	0
20852107+	20851930	5.32	2 1-	2 ACSR 6/1	0	0	1186	301	8	0	0	0.00	1.77	0
16840037+	20852107	5.45	1 1-	2 ACSR 6/1	0	0	1159	299	6	0	0	0.00	1.77	0
20851924+	20851930	5.33	1 1-	2 ACSR 6/1	0	0	1184	301	7	0	0	0.00	1.77	0
16840032+	16840029	5.06	3 1-	2 ACSR 6/1	0	0	1240	304	7	0	0	0.00	2.09	0
16840038+	16840032	5.13	1 1-	2 ACSR 6/1	0	0	1225	303	0	0	0	0.00	2.09	0
16840030+	16840029	5.06	2 3-	2 ACSR 6/1	1514	1374	1242	304	87	2	1	0.00	1.76	0
D16-84-P047+	16840030	5.06	1 3-	FUS	1514	1374	1242	304	2	0	1	0.00	1.76	0
20851925+	D16-84-P047	5.29	1 3-	2 ACSR 6/1	1460	1321	1192	301	2	0	0	0.00	1.76	0
20852118+	20851925	5.54	1 1-	2 ACSR 6/1	0	0	1142	298	2	0	0	0.00	1.76	0
16840036+	20852118	5.59	0 1-	2 ACSR 6/1	0	0	1134	298	0	0	0	0.00	1.76	0
16840035+	20852118	5.61	1 1-	2 ACSR 6/1	0	0	1130	297	2	0	0	0.00	1.76	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851927+	16840035	5.69	1 1-	2 ACSR 6/1	0	0	1116	296	2	0	0	0.00	1.76	0
20851926+	20851925	5.33	0 3-	2 ACSR 6/1	1449	1311	1183	301	0	0	0	0.00	1.76	0
16840015+	16840026	4.91	1 3-	2 ACSR 6/1	1549	1409	1274	306	87	2	1	0.00	1.76	0
16840039+	16840015	5.22	1 3-	2 ACSR 6/1	1475	1336	1206	302	87	2	1	0.00	1.76	0
16840040+	16840039	5.30	0 3-	2 ACSR 6/1	1457	1318	1190	301	0	0	0	0.00	1.76	0
16840041+	16840015	5.01	0 3-	2 ACSR 6/1	1526	1386	1252	305	0	0	0	0.00	1.76	0
16840042+	16840041	5.06	0 3-	2 ACSR 6/1	1513	1373	1240	304	0	0	0	0.00	1.76	0
16840027+	16840042	5.07	0 3-	2 ACSR 6/1	1509	1370	1237	304	0	0	0	0.00	1.76	0
16830027+	16830016	4.42	2 1-	2 ACSR 6/1	0	0	1398	312	4	0	0	0.00	2.05	0
20851995+	16830027	4.61	1 1-	2 ACSR 6/1	0	0	1347	309	3	0	0	0.00	2.05	0
20851808+	16830027	4.95	1 1-	2 ACSR 6/1	0	0	1266	305	0	0	0	0.00	2.05	0
16830025+	16830023	3.95	368 3-	1/0 ACSR 6/1	1842	1700	1549	318	1559	34	15	0.02	1.72	51
20851806+	16830025	4.00	366 3-	1/0 ACSR 6/1	1825	1684	1533	318	1557	34	15	0.01	1.74	22
20851805+	20851806	4.06	1 1-	2 ACSR 6/1	0	0	1515	317	4	0	0	0.00	2.04	0
20851807+	20851806	4.11	364 3-	1/0 ACSR 6/1	1797	1655	1504	317	1550	34	15	0.02	1.77	40
20851673+	20851807	4.30	362 3-	1/0 ACSR 6/1	1749	1608	1458	315	1544	34	15	0.03	1.82	67
20851674+	20851673	4.43	362 3-	1/0 ACSR 6/1	1715	1575	1424	314	1543	34	15	0.02	1.86	50
20851675+	20851674	4.49	361 3-	1/0 ACSR 6/1	1702	1562	1412	314	1536	34	15	0.01	1.87	20
20851676+	20851675	4.63	359 3-	1/0 ACSR 6/1	1669	1530	1380	312	1532	34	15	0.02	1.91	51
20851677+	20851676	4.69	359 3-	1/0 ACSR 6/1	1655	1516	1366	312	1531	34	15	0.01	1.93	23
D16-73-P021+	20851677	4.69	1 1-	FUS-30	0	0	1366	312	7	0	2	0.00	1.60	0
16730012+	D16-73-P021	4.77	1 1-	2 ACSR 6/1	0	0	1345	311	7	0	0	0.00	1.60	0
16730004+	20851677	4.73	358 3-	1/0 ACSR 6/1	1646	1507	1358	311	1524	34	15	0.01	1.94	14
20852055+	16730004	4.89	356 3-	1/0 ACSR 6/1	1612	1473	1325	310	1510	33	15	0.03	1.98	55
20852056+	20852055	5.18	354 3-	1/0 ACSR 6/1	1551	1415	1268	307	1498	33	15	0.05	2.06	102
D16-74-P005+	20852056	5.18	4 1-	FUS	0	0	1268	307	24	1	37	0.00	1.72	0
16740009+	D16-74-P005	5.25	4 1-	2 ACSR 6/1	0	0	1252	307	24	1	1	0.00	1.72	0
20852057+	16740009	5.30	0 1-	2 ACSR 6/1	0	0	1241	306	0	0	0	0.00	1.72	0
16740005+	16740009	5.33	4 1-	2 ACSR 6/1	0	0	1235	306	24	1	1	0.00	1.72	0
20850046+	16740005	5.36	2 1-	2 ACSR 6/1	0	0	1228	305	15	1	1	0.00	1.72	0
20850026+	20850046	5.43	1 1-	2 ACSR 6/1	0	0	1214	304	5	0	0	0.00	1.72	0
20852058+	16740005	5.49	2 1-	2 ACSR 6/1	0	0	1202	304	9	0	0	0.00	1.72	0
16740010+	20852058	5.58	1 1-	2 ACSR 6/1	0	0	1183	303	8	0	0	0.00	1.72	0
16740007+	20852056	5.23	350 3-	1/0 ACSR 6/1	1541	1405	1259	307	1472	33	14	0.01	2.07	17
16-74-P040-B+	16740007	5.23	350 3-	Closed	1541	1405	1259	307	1472	33	0	0.00	2.07	0
16-74-P040-A+	16-74-P040-B	5.23	350 3-	Closed	1541	1405	1259	307	1472	33	0	0.00	2.07	0
16740006+	16-74-P040-A	5.63	350 3-	1/0 ACSR 6/1	1466	1332	1189	304	1472	33	14	0.07	2.17	135
20852024+	16740006	5.81	349 3-	1/0 ACSR 6/1	1434	1302	1160	302	1469	33	14	0.03	2.22	60
D16-64-P011+	20852024	5.81	4 1-	FUS-30	0	0	1160	302	14	0	3	0.00	1.85	0
16640040+	D16-64-P011	5.83	4 1-	2 ACSR 6/1	0	0	1155	302	14	0	1	0.00	1.85	0
20852026+	16640040	5.86	3 1-	2 ACSR 6/1	0	0	1151	301	10	0	0	0.00	1.85	0
20851978+	20852026	5.97	2 1-	2 ACSR 6/1	0	0	1131	300	7	0	0	0.00	1.86	0
20852027+	20852026	5.91	1 1-	2 ACSR 6/1	0	0	1142	301	3	0	0	0.00	1.85	0
20852028+	20852027	5.95	0 1-	2 ACSR 6/1	0	0	1135	300	0	0	0	0.00	1.85	0
20851979+	20852024	5.89	344 3-	1/0 ACSR 6/1	1421	1289	1148	301	1451	32	14	0.01	2.24	25
20851980+	20851979	5.97	344 3-	1/0 ACSR 6/1	1408	1277	1136	301	1450	32	14	0.01	2.26	26
20851959+	20851980	6.00	0 1-	2 ACSR 6/1	0	0	1129	300	2	0	0	0.00	2.37	0
16640027+	20851980	6.05	343 3-	1/0 ACSR 6/1	1395	1264	1124	300	1448	32	14	0.01	2.28	26
20852064+	16640027	6.09	1 1-	2 ACSR 6/1	0	0	1117	299	3	0	0	0.00	2.39	0
16640028+	16640027	6.13	342 3-	1/0 ACSR 6/1	1381	1251	1111	299	1445	32	14	0.01	2.30	29
D16-64-P018+	16640028	6.13	2 1-	FUS	0	0	1111	299	10	0	15	0.00	2.40	0
16640029+	D16-64-P018	6.54	2 1-	2 ACSR 6/1	0	0	1044	294	10	0	0	0.00	2.41	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850956+	16640029	6.71	1 1-	2 ACSR 6/1	0	0	1018	293	5	0	0	0.00	2.41	0
20850027+	16640029	6.61	1 1-	2 ACSR 6/1	0	0	1033	294	5	0	0	0.00	2.41	0
16640042+	16640028	6.17	340 3-	1/0 ACSR 6/1	1376	1246	1107	299	1435	32	14	0.01	2.31	10
16640043+	16640042	6.20	339 3-	1/0 ACSR 6/1	1370	1240	1101	299	1431	32	14	0.01	2.32	12
CAP160+	16640043	6.20	337 3-	Capacitor	0	0	0	0	1429	32	0	0.00	2.32	0
20850957+	CAP160	6.28	337 3-	1/0 ACSR 6/1	1358	1229	1091	298	1429	32	14	0.01	2.34	26
D16-64-P024+	20850957	6.28	0 1-	FUS-20	0	0	1091	298	0	0	0	0.00	2.43	0
16640038+	D16-64-P024	6.45	0 1-	2 ACSR 6/1	0	0	1063	296	0	0	0	0.00	2.43	0
16640041+	16640038	6.50	0 1-	2 ACSR 6/1	0	0	1054	295	0	0	0	0.00	2.43	0
20850959+	20850957	6.39	335 3-	1/0 ACSR 6/1	1342	1213	1076	297	1421	32	14	0.02	2.37	34
20850960+	20850959	6.48	257 3-	1/0 ACSR 6/1	1328	1201	1064	296	1000	22	10	0.00	2.39	17
20851569+	20850960	6.57	255 3-	1/0 ACSR 6/1	1315	1188	1052	296	992	22	10	0.00	2.41	17
20851570+	20851569	6.61	254 3-	1/0 ACSR 6/1	1309	1182	1047	295	990	22	10	0.00	2.42	8
D16-64-P077+	20851570	6.61	252 3-	REC-70-E	1309	1182	1047	295	976	22	32	0.00	2.42	0
16640031+	D16-64-P077	6.63	252 3-	1/0 ACSR 6/1	1306	1180	1044	295	976	22	10	0.00	2.42	4
D16-64-P078+	16640031	6.63	11 1-	FUS-30	0	0	1044	295	56	3	14	0.00	2.45	0
16640039+	D16-64-P078	6.68	11 1-	2 ACSR 6/1	0	0	1036	295	56	3	2	0.00	2.46	0
20851581+	16640039	6.74	9 1-	2 ACSR 6/1	0	0	1028	294	49	3	2	0.00	2.46	0
16640036+	20851581	6.79	1 1-	2 ACSR 6/1	0	0	1020	293	3	0	0	0.00	2.46	0
16640037+	16640036	6.82	0 1-	2 ACSR 6/1	0	0	1015	293	0	0	0	0.00	2.46	0
20851583+	20851581	6.77	6 1-	2 ACSR 6/1	0	0	1023	294	30	2	1	0.00	2.46	0
20851579+	20851583	6.81	5 1-	2 ACSR 6/1	0	0	1018	293	20	1	1	0.00	2.46	0
20851580+	20851579	6.86	4 1-	2 ACSR 6/1	0	0	1010	293	13	0	0	0.00	2.46	0
16540039+	20851580	6.94	2 1-	2 ACSR 6/1	0	0	999	292	9	0	0	0.00	2.46	0
16540064+	16540039	6.98	0 1-	2 ACSR 6/1	0	0	992	291	0	0	0	0.00	2.46	0
20851582+	20851581	6.76	1 1-	2 ACSR 6/1	0	0	1024	294	8	0	0	0.00	2.46	0
16640026+	16640031	7.10	241 3-	1/0 ACSR 6/1	1242	1119	988	291	920	20	9	-0.01	2.50	87
D16-54-P015+	16640026	7.10	77 1-	REC-50-E	0	0	988	291	302	20	41	0.00	2.96	0
16540024+	D16-54-P015	7.24	77 1-	2 ACSR 6/1	0	0	969	290	302	20	11	0.04	3.00	11
16540068+	16540024	7.31	1 1-	2 ACSR 6/1	0	0	959	289	4	0	0	0.00	3.00	0
16540067+	16540024	7.30	76 1-	2 ACSR 6/1	0	0	960	289	298	20	11	0.02	3.02	5
16540026+	16540067	7.37	74 1-	2 ACSR 6/1	0	0	951	288	294	20	11	0.02	3.04	5
16540027+	16540026	7.44	74 1-	2 ACSR 6/1	0	0	942	287	294	20	11	0.02	3.06	5
16540028+	16540027	7.49	2 1-	2 ACSR 6/1	0	0	936	287	13	0	1	0.00	3.06	0
16540031+	16540027	7.49	72 1-	2 ACSR 6/1	0	0	936	287	280	19	11	0.02	3.08	4
16540032+	16540031	7.58	71 1-	2 ACSR 6/1	0	0	925	286	278	19	11	0.02	3.10	5
16540061+	16540032	7.65	69 1-	2 ACSR 6/1	0	0	916	285	266	18	10	0.02	3.12	4
16540062+	16540061	7.76	67 1-	2 ACSR 6/1	0	0	904	284	262	17	10	0.03	3.15	6
16540033+	16540062	7.86	63 1-	2 ACSR 6/1	0	0	892	283	249	17	9	0.03	3.18	5
16540034+	16540033	7.94	62 1-	2 ACSR 6/1	0	0	883	282	247	16	9	0.02	3.20	4
16540035+	16540034	8.05	61 1-	2 ACSR 6/1	0	0	871	281	244	16	9	0.03	3.22	5
16540044+	16540035	8.11	4 1-	2 ACSR 6/1	0	0	865	280	13	0	0	0.00	3.22	0
20852098+	16540044	8.15	3 1-	2 ACSR 6/1	0	0	860	280	8	0	0	0.00	3.23	0
16640046+	20852098	8.20	1 1-	2 ACSR 6/1	0	0	855	279	0	0	0	0.00	3.23	0
16640045+	20852098	8.18	2 1-	2 ACSR 6/1	0	0	857	279	8	0	0	0.00	3.23	0
16540037+	16540035	8.11	51 1-	2 ACSR 6/1	0	0	865	280	196	13	7	0.01	3.24	2
16540038+	16540037	8.17	49 1-	2 ACSR 6/1	0	0	858	280	185	12	7	0.01	3.25	2
16540023+	16540038	8.20	47 1-	2 ACSR 6/1	0	0	854	279	166	11	6	0.01	3.25	0
16530043+	16540023	8.25	41 1-	2 ACSR 6/1	0	0	849	279	143	9	5	0.01	3.26	0
16530033+	16530043	8.28	40 1-	2 ACSR 6/1	0	0	846	278	140	9	5	0.00	3.26	0
16530031+	16530033	8.53	39 1-	2 ACSR 6/1	0	0	821	276	131	8	5	0.03	3.30	4
D16-53-P018+	16530031	8.53	3 1-	FUS-20	0	0	821	276	10	0	4	0.00	3.30	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16530051+	D16-53-P018	8.70	3 1-	2 ACSR 6/1	0	0	805	274	10	0	0	0.00	3.30	0
20851180+	16530051	9.09	1 1-	2 ACSR 6/1	0	0	770	270	1	0	0	0.00	3.30	0
20851179+	16530051	8.88	2 1-	2 ACSR 6/1	0	0	788	272	8	0	0	0.00	3.30	0
16530032+	16530031	8.72	36 1-	2 ACSR 6/1	0	0	803	274	121	8	5	0.02	3.32	2
16530054+	16530032	8.75	35 1-	2 ACSR 6/1	0	0	800	273	119	8	5	0.00	3.33	0
D16-53-P078+	16530054	8.75	33 1-	REC-25-E	0	0	800	273	114	7	31	0.00	3.33	0
16530053+	D16-53-P078	8.84	33 1-	2 ACSR 6/1	0	0	792	273	114	7	4	0.01	3.34	0
16530022+	16530053	8.89	32 1-	2 ACSR 6/1	0	0	788	272	106	7	4	0.00	3.34	0
16530023+	16530022	9.03	31 1-	2 ACSR 6/1	0	0	775	271	105	7	4	0.02	3.36	1
16530024+	16530023	9.09	4 1-	2 ACSR 6/1	0	0	770	270	15	1	1	0.00	3.36	0
16530025+	16530024	9.17	2 1-	2 ACSR 6/1	0	0	763	269	7	0	0	0.00	3.36	0
16530027+	16530025	9.39	1 1-	2 ACSR 6/1	0	0	745	267	2	0	0	0.00	3.36	0
16530028+	16530027	9.46	0 1-	2 ACSR 6/1	0	0	740	266	0	0	0	0.00	3.36	0
16530026+	16530025	9.22	1 1-	2 ACSR 6/1	0	0	759	269	5	0	0	0.00	3.36	0
16530018+	16530023	9.11	27 1-	2 ACSR 6/1	0	0	769	270	89	6	3	0.01	3.36	0
16530019+	16530018	9.14	2 1-	2 ACSR 6/1	0	0	766	270	4	0	0	0.00	3.36	0
16530041+	16530019	9.19	2 1-	25 KV 1/0 URD X	0	0	763	474	4	0	0	0.00	3.36	0
16530042+	16530041	9.26	2 1-	25 KV 1/0 URD X	0	0	758	472	4	0	0	0.00	3.36	0
16530036+	16530042	9.35	1 1-	25 KV 1/0 URD X	0	0	753	470	1	0	0	0.00	3.36	0
16530020+	16530018	9.56	25 1-	2 ACSR 6/1	0	0	732	265	85	5	3	0.04	3.40	3
16530030+	16530020	9.63	19 1-	2 ACSR 6/1	0	0	726	265	66	4	3	0.00	3.41	0
16530035+	16530030	9.72	14 1-	2 ACSR 6/1	0	0	720	264	56	3	2	0.00	3.41	0
16530039+	16530035	9.77	9 1-	2 ACSR 6/1	0	0	716	264	42	2	2	0.00	3.41	0
16530055+	16530039	9.81	2 1-	2 ACSR 6/1	0	0	713	263	5	0	0	0.00	3.41	0
16530057+	16530055	9.85	1 1-	2 ACSR 6/1	0	0	710	263	2	0	0	0.00	3.41	0
16530056+	16530055	9.89	1 1-	2 ACSR 6/1	0	0	707	262	2	0	0	0.00	3.41	0
16530040+	16530039	9.79	7 1-	2 ACSR 6/1	0	0	714	263	38	2	1	0.00	3.42	0
16530044+	16530040	9.91	6 1-	2 ACSR 6/1	0	0	705	262	37	2	1	0.00	3.42	0
16540047+	16530044	10.04	5 1-	2 ACSR 6/1	0	0	696	261	37	2	1	0.00	3.42	0
16540048+	16540047	10.10	1 1-	2 ACSR 6/1	0	0	692	260	11	0	0	0.00	3.42	0
16540049+	16540047	10.08	2 1-	2 ACSR 6/1	0	0	693	260	13	0	1	0.00	3.42	0
16540045+	16540049	10.14	1 1-	2 ACSR 6/1	0	0	689	260	2	0	0	0.00	3.42	0
16530034+	16530035	10.04	4 1-	2 ACSR 6/1	0	0	696	261	9	0	0	0.00	3.41	0
20850680+	16530034	10.10	3 1-	2 ACSR 6/1	0	0	692	260	9	0	0	0.00	3.42	0
20850681+	20850680	10.33	1 1-	2 ACSR 6/1	0	0	676	258	2	0	0	0.00	3.42	0
16530021+	16530020	9.68	6 1-	2 ACSR 6/1	0	0	723	264	20	1	1	0.00	3.40	0
16530029+	16530021	9.77	0 1-	2 ACSR 6/1	0	0	716	263	0	0	0	0.00	3.40	0
20850674+	16530021	9.83	6 1-	2 ACSR 6/1	0	0	711	263	20	1	1	0.00	3.41	0
16430007+	20850674	10.11	5 1-	2 ACSR 6/1	0	0	691	260	15	1	1	0.00	3.41	0
16430008+	16430007	10.17	4 1-	2 ACSR 6/1	0	0	687	260	9	0	0	0.00	3.41	0
20850676+	16430008	10.32	4 1-	2 ACSR 6/1	0	0	677	258	9	0	0	0.00	3.41	0
20850677+	20850676	10.46	3 1-	2 ACSR 6/1	0	0	668	257	7	0	0	0.00	3.41	0
20850679+	20850677	10.52	2 1-	2 ACSR 6/1	0	0	664	256	3	0	0	0.00	3.41	0
20850678+	20850677	10.51	1 1-	2 ACSR 6/1	0	0	664	257	4	0	0	0.00	3.41	0
20850675+	16430008	10.36	0 1-	2 ACSR 6/1	0	0	675	258	0	0	0	0.00	3.41	0
16530052+	16530054	8.84	1 1-	2 ACSR 6/1	0	0	792	273	1	0	0	0.00	3.33	0
16530037+	16540023	8.31	3 1-	2 ACSR 6/1	0	0	844	278	17	1	1	0.00	3.26	0
16530038+	16530037	8.35	2 1-	2 ACSR 6/1	0	0	839	278	14	0	1	0.00	3.26	0
16530045+	16540023	8.23	2 1-	2 ACSR 6/1	0	0	851	279	4	0	0	0.00	3.25	0
16540065+	16530045	8.29	2 1-	2 ACSR 6/1	0	0	846	278	4	0	0	0.00	3.25	0
16540046+	16540038	8.21	2 1-	2 ACSR 6/1	0	0	853	279	19	1	1	0.00	3.25	0
16540060+	16540046	8.25	1 1-	2 ACSR 6/1	0	0	849	279	8	0	0	0.00	3.25	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16540036+	16540035	8.17	4 1-	2 ACSR 6/1	0	0	858	279	30	2	1	0.00	3.23	0
16540041+	16540036	8.30	3 1-	2 ACSR 6/1	0	0	845	278	27	1	1	0.00	3.23	0
16540042+	16540041	8.35	2 1-	2 ACSR 6/1	0	0	839	278	20	1	1	0.00	3.23	0
16540043+	16540042	8.42	1 1-	2 ACSR 6/1	0	0	832	277	7	0	0	0.00	3.23	0
16540040+	16540036	8.21	1 1-	2 ACSR 6/1	0	0	854	279	3	0	0	0.00	3.23	0
16540063+	16540062	7.80	2 1-	2 ACSR 6/1	0	0	899	283	5	0	0	0.00	3.15	0
16540025+	16540067	7.40	1 1-	2 ACSR 6/1	0	0	948	288	3	0	0	0.00	3.02	0
16540029+	16640026	7.14	164 3-	1/0 ACSR 6/1	1237	1115	983	291	617	14	6	0.00	2.51	4
16540030+	16540029	7.17	164 3-	1/0 ACSR 6/1	1233	1110	979	291	617	14	6	0.00	2.51	3
16540056+	16540030	7.21	161 3-	1/0 ACSR 6/1	1228	1105	975	290	604	13	6	0.00	2.52	4
16540057+	16540056	7.24	154 3-	1/0 ACSR 6/1	1225	1103	972	290	568	12	6	0.00	2.52	2
16540055+	16540057	7.33	153 3-	1/0 ACSR 6/1	1214	1092	962	289	567	12	6	-0.01	2.53	9
16540053+	16540055	7.41	150 3-	1/0 ACSR 6/1	1203	1082	953	289	561	12	6	-0.01	2.54	8
16540054+	16540053	7.58	149 3-	1/0 ACSR 6/1	1183	1063	936	287	558	12	6	-0.02	2.55	16
16-55-P025-B+	16540054	7.58	149 3-	Closed	1183	1063	936	287	558	12	0	0.00	2.55	0
16-55-P025-A+	16-55-P025-B	7.58	149 3-	Closed	1183	1063	936	287	558	12	0	0.00	2.55	0
16550018+	16-55-P025-A	7.71	149 3-	1/0 ACSR 6/1	1168	1049	922	286	558	12	6	-0.01	2.57	12
16550019+	16550018	7.99	149 3-	1/0 ACSR 6/1	1137	1020	896	284	558	12	6	-0.03	2.60	26
16550011+	16550019	8.09	11 1-	2 ACSR 6/1	0	0	884	283	32	2	1	0.00	3.11	0
D16-55-P006+	16550011	8.09	10 1-	REC-25-E	0	0	884	283	29	1	8	0.00	3.11	0
16550008+	D16-55-P006	8.22	10 1-	2 ACSR 6/1	0	0	870	282	29	1	1	0.00	3.11	0
16550013+	16550008	8.29	2 1-	2 ACSR 6/1	0	0	863	281	6	0	0	0.00	3.11	0
16550009+	16550008	8.35	8 1-	2 ACSR 6/1	0	0	856	280	22	1	1	0.00	3.11	0
16550017+	16550009	8.59	1 1-	2 ACSR 6/1	0	0	831	278	3	0	0	0.00	3.12	0
16550007+	16550009	8.47	7 1-	2 ACSR 6/1	0	0	844	279	19	1	1	0.00	3.12	0
20850244+	16550007	8.55	4 1-	2 ACSR 6/1	0	0	835	278	6	0	0	0.00	3.12	0
20850245+	20850244	8.72	3 1-	2 ACSR 6/1	0	0	819	276	1	0	0	0.00	3.12	0
16550021+	20850245	8.77	0 1-	2 ACSR 6/1	0	0	814	276	0	0	0	0.00	3.12	0
20850020+	20850245	8.81	3 1-	2 ACSR 6/1	0	0	811	276	1	0	0	0.00	3.12	0
20850253+	16550020	9.17	1 1-	2 ACSR 6/1	0	0	777	272	0	0	0	0.00	3.12	0
20850254+	20850253	9.36	0 1-	2 ACSR 6/1	0	0	762	270	0	0	0	0.00	3.12	0
16550014+	16550007	8.77	3 1-	2 ACSR 6/1	0	0	814	276	13	0	1	0.00	3.12	0
16550016+	16550014	8.85	0 1-	2 ACSR 6/1	0	0	806	275	0	0	0	0.00	3.12	0
16550015+	16550014	8.80	1 1-	2 ACSR 6/1	0	0	811	276	8	0	0	0.00	3.12	0
16550006+	16550009	8.71	0 1-	2 ACSR 6/1	0	0	820	277	0	0	0	0.00	3.11	0
D16-55-P006A+	16550011	8.09	1 1-	REC-25-E	0	0	884	283	3	0	1	0.00	3.11	0
16550012+	D16-55-P006A	8.17	1 1-	2 ACSR 6/1	0	0	875	282	3	0	0	0.00	3.11	0
16550010+	16550019	8.23	138 3-	1/0 ACSR 6/1	1111	996	874	282	526	11	5	-0.02	2.62	22
20851231+	16550010	8.33	137 3-	1/0 ACSR 6/1	1101	987	865	282	525	11	5	-0.01	2.63	9
20851232+	20851231	8.53	136 3-	1/0 ACSR 6/1	1081	968	848	280	522	11	5	-0.02	2.65	18
D16-45-P044+	20851232	8.53	1 1-	FUS-25	0	0	848	280	11	0	3	0.00	2.46	0
16451416+	D16-45-P044	8.71	1 1-	2 ACSR 6/1	0	0	830	278	11	0	0	0.00	2.47	0
20851233+	20851232	8.60	135 3-	1/0 ACSR 6/1	1074	962	842	280	510	11	5	-0.01	2.66	6
20851234+	20851233	8.68	134 3-	1/0 ACSR 6/1	1067	954	835	279	502	11	5	-0.01	2.67	7
16451418+	20851234	8.77	9 3-	1/0 ACSR 6/1	1058	946	828	278	28	0	0	0.00	2.67	0
16451419+	16451418	8.89	9 3-	1/0 ACSR 6/1	1047	936	818	277	27	0	0	0.00	2.67	0
20851235+	16451419	8.94	7 3-	1/0 ACSR 6/1	1042	931	814	277	24	0	0	0.00	2.67	0
20851236+	20851235	9.11	5 3-	1/0 ACSR 6/1	1026	917	801	276	16	0	0	0.00	2.67	0
20852161+	20851236	9.24	5 3-	1/0 ACSR 6/1	1015	907	792	275	16	0	0	0.00	2.67	0
20852162+	20852161	9.82	3 3-	1/0 ACSR 6/1	967	862	752	271	4	0	0	0.00	2.67	0
16360045+	20852162	10.00	2 3-	1/0 ACSR 6/1	953	849	740	269	4	0	0	0.00	2.67	0
16360024+	16360045	10.14	2 3-	1/0 ACSR 6/1	942	839	731	268	4	0	0	0.00	2.67	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16360025+	16360024	10.24	0 3-	1/0 ACSR 6/1	935	833	725	268	0	0	0	0.00	2.67	0
16360043+	16360024	10.24	2 1-	2 ACSR 6/1	0	0	723	267	4	0	0	0.00	2.50	0
16360046+	16360045	10.08	0 1-	2 ACSR 6/1	0	0	733	268	0	0	0	0.00	2.50	0
16460006+	20851236	9.30	0 1-	2 ACSR 6/1	0	0	784	274	0	0	0	0.00	2.50	0
16451407+	20851234	8.78	125 3-	1/0 ACSR 6/1	1057	946	827	278	474	10	5	-0.01	2.68	8
16-45-P073-B+	16451407	8.78	125 3-	Closed	1057	946	827	278	474	10	0	0.00	2.68	0
16-45-P073-A+	16-45-P073-B	8.78	125 3-	Closed	1057	946	827	278	474	10	0	0.00	2.68	0
16451408+	16-45-P073-A	9.34	125 3-	1/0 ACSR 6/1	1006	898	784	274	474	10	5	-0.05	2.73	46
20851301+	16451408	9.37	99 3-	1/0 ACSR 6/1	1004	896	782	274	385	8	4	0.00	2.73	2
D16-45-P010+	20851301	9.37	35 1-	REC-35-E	0	0	782	274	151	10	30	0.00	2.68	0
16451420+	D16-45-P010	9.62	35 1-	2 ACSR 6/1	0	0	761	271	151	10	6	0.04	2.72	5
16350074+	16451420	9.93	35 1-	2 ACSR 6/1	0	0	736	268	151	10	6	0.05	2.77	6
16350043+	16350074	10.09	1 1-	2 ACSR 6/1	0	0	724	267	3	0	0	0.00	2.77	0
16350042+	16350074	10.08	33 1-	2 ACSR 6/1	0	0	724	267	145	10	6	0.02	2.80	3
16350072+	16350042	10.14	4 1-	2 ACSR 6/1	0	0	720	266	13	0	1	0.00	2.80	0
16350073+	16350072	10.20	3 1-	2 ACSR 6/1	0	0	716	266	13	0	1	0.00	2.80	0
16350044+	16350073	10.32	1 1-	2 ACSR 6/1	0	0	707	264	5	0	0	0.00	2.80	0
16350061+	16350073	10.29	1 1-	2 ACSR 6/1	0	0	709	265	4	0	0	0.00	2.80	0
16350069+	16350042	10.18	29 1-	2 ACSR 6/1	0	0	717	266	131	9	5	0.01	2.81	1
16350071+	16350069	10.26	1 1-	2 ACSR 6/1	0	0	711	265	0	0	0	0.00	2.81	0
16350070+	16350069	10.28	28 1-	2 ACSR 6/1	0	0	710	265	131	9	5	0.01	2.83	1
16350026+	16350070	10.37	23 1-	2 ACSR 6/1	0	0	703	264	114	7	4	0.01	2.84	0
16350051+	16350026	10.47	22 1-	2 ACSR 6/1	0	0	697	263	111	7	4	0.01	2.85	0
16350036+	16350051	10.53	21 1-	2 ACSR 6/1	0	0	692	262	67	4	3	0.00	2.85	0
20850241+	16350036	10.60	20 1-	2 ACSR 6/1	0	0	688	262	54	3	2	0.00	2.86	0
20850129+	20850241	10.86	19 1-	2 ACSR 6/1	0	0	670	259	53	3	2	0.01	2.87	0
20850338+	20850129	10.95	18 1-	2 ACSR 6/1	0	0	664	258	50	3	2	0.00	2.87	0
20850339+	20850338	11.03	16 1-	2 ACSR 6/1	0	0	659	258	42	2	2	0.00	2.88	0
20850340+	20850339	11.04	15 1-	2 ACSR 6/1	0	0	658	258	38	2	1	0.00	2.88	0
20850341+	20850340	11.12	1 1-	2 ACSR 6/1	0	0	653	257	3	0	0	0.00	2.88	0
20850342+	20850340	11.12	13 1-	2 ACSR 6/1	0	0	653	257	34	2	1	0.00	2.88	0
20850343+	20850342	11.16	12 1-	2 ACSR 6/1	0	0	651	257	31	2	1	0.00	2.88	0
20850513+	20850343	11.25	11 1-	2 ACSR 6/1	0	0	646	256	30	2	1	0.00	2.89	0
20850514+	20850513	11.33	10 1-	2 ACSR 6/1	0	0	641	255	26	1	1	0.00	2.89	0
20850346+	20850514	11.40	7 1-	2 ACSR 6/1	0	0	637	254	17	1	1	0.00	2.89	0
20852061+	20850346	11.48	6 1-	2 ACSR 6/1	0	0	632	254	14	0	1	0.00	2.89	0
D16-15-P027+	20852061	11.48	1 1-	FUS-60	0	0	632	254	2	0	0	0.00	2.89	0
16150006+	D16-15-P027	11.51	1 1-	2 ACSR 6/1	0	0	630	253	2	0	0	0.00	2.89	0
16150010+	16150006	11.62	1 1-	2 ACSR 6/1	0	0	624	252	2	0	0	0.00	2.89	0
16150005+	16150006	11.58	0 1-	2 ACSR 6/1	0	0	626	253	0	0	0	0.00	2.89	0
D16-15-P027A+	20852061	11.48	5 1-	FUS-60	0	0	632	254	12	0	1	0.00	2.89	0
16150007+	D16-15-P027A	11.63	5 1-	2 ACSR 6/1	0	0	624	252	12	0	0	0.00	2.89	0
16150008+	16150007	11.73	4 1-	2 ACSR 6/1	0	0	617	251	9	0	0	0.00	2.89	0
16150009+	16150008	11.79	3 1-	2 ACSR 6/1	0	0	615	251	7	0	0	0.00	2.89	0
20850207+	16150009	11.93	1 1-	2 ACSR 6/1	0	0	607	250	2	0	0	0.00	2.89	0
20850206+	16150009	11.82	1 1-	2 ACSR 6/1	0	0	613	251	4	0	0	0.00	2.89	0
20850344+	20850514	11.36	3 1-	2 ACSR 6/1	0	0	639	255	9	0	0	0.00	2.89	0
20850345+	20850344	11.42	1 1-	2 ACSR 6/1	0	0	636	254	3	0	0	0.00	2.89	0
20850240+	16350036	10.58	1 1-	2 ACSR 6/1	0	0	689	262	13	0	1	0.00	2.85	0
16350050+	16350026	10.44	1 1-	2 ACSR 6/1	0	0	698	263	3	0	0	0.00	2.84	0
16350045+	16350070	10.47	5 1-	2 ACSR 6/1	0	0	696	263	17	1	1	0.00	2.83	0
16350046+	16350045	10.55	4 1-	2 ACSR 6/1	0	0	690	262	16	1	1	0.00	2.83	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16350048+	16350046	10.58	2 1-	2 ACSR 6/1	0	0	689	262	10	0	0	0.00	2.83	0
16350049+	16350048	10.63	1 1-	2 ACSR 6/1	0	0	685	261	7	0	0	0.00	2.83	0
16350047+	16350046	10.60	1 1-	2 ACSR 6/1	0	0	688	262	4	0	0	0.00	2.83	0
20851302+	20851301	9.40	59 1-	2 ACSR 6/1	0	0	780	274	227	15	9	0.01	2.69	0
20851238+	20851302	9.53	58 1-	2 ACSR 6/1	0	0	769	272	225	15	9	0.03	2.72	5
20851424+	20851238	9.57	53 1-	2 ACSR 6/1	0	0	765	272	218	14	8	0.01	2.73	2
D16-45-P054+	20851424	9.57	53 1-	RBC-25-E	0	0	765	272	218	14	59	0.00	2.73	0
20851425+	D16-45-P054	9.82	53 1-	2 ACSR 6/1	0	0	745	269	218	14	8	0.05	2.78	9
20851426+	20851425	9.88	52 1-	2 ACSR 6/1	0	0	740	269	216	14	8	0.01	2.80	2
16451406+	20851426	9.97	45 1-	2 ACSR 6/1	0	0	733	268	184	12	7	0.02	2.82	2
16350038+	16451406	10.09	44 1-	2 ACSR 6/1	0	0	724	267	177	12	7	0.02	2.84	3
16350039+	16350038	10.18	43 1-	2 ACSR 6/1	0	0	717	266	176	12	7	0.02	2.85	2
16350041+	16350039	10.26	3 1-	2 ACSR 6/1	0	0	711	265	23	1	1	0.00	2.86	0
16350062+	16350041	10.30	2 1-	2 ACSR 6/1	0	0	708	265	14	0	1	0.00	2.86	0
16350063+	16350062	10.33	1 1-	2 ACSR 6/1	0	0	706	264	7	0	0	0.00	2.86	0
16350040+	16350039	10.28	38 1-	2 ACSR 6/1	0	0	710	265	140	9	5	0.01	2.87	2
16350065+	16350040	10.36	16 1-	2 ACSR 6/1	0	0	704	264	60	4	2	0.00	2.87	0
16350068+	16350065	10.44	11 1-	2 ACSR 6/1	0	0	698	263	49	3	2	0.00	2.88	0
16350053+	16350068	10.49	7 1-	2 ACSR 6/1	0	0	695	263	29	1	1	0.00	2.88	0
16350054+	16350053	10.53	6 1-	2 ACSR 6/1	0	0	692	262	27	1	1	0.00	2.88	0
16350055+	16350054	10.58	5 1-	2 ACSR 6/1	0	0	688	262	22	1	1	0.00	2.88	0
16350057+	16350055	10.66	3 1-	2 ACSR 6/1	0	0	683	261	10	0	0	0.00	2.88	0
16350058+	16350057	10.78	1 1-	2 ACSR 6/1	0	0	675	260	3	0	0	0.00	2.88	0
16350052+	16350068	10.50	3 1-	2 ACSR 6/1	0	0	694	263	18	1	1	0.00	2.88	0
16350067+	16350065	10.42	2 1-	2 ACSR 6/1	0	0	700	263	7	0	0	0.00	2.87	0
16350066+	16350065	10.40	1 1-	2 ACSR 6/1	0	0	701	264	2	0	0	0.00	2.87	0
16350064+	16350040	10.32	1 1-	2 ACSR 6/1	0	0	707	264	7	0	0	0.00	2.87	0
16350059+	16350040	10.37	21 1-	2 ACSR 6/1	0	0	704	264	73	4	3	0.01	2.87	0
16350060+	16350059	10.50	20 1-	2 ACSR 6/1	0	0	694	263	72	4	3	0.01	2.88	0
16350027+	16350060	10.67	20 1-	2 ACSR 6/1	0	0	683	261	72	4	3	0.01	2.90	0
16340026+	16350027	10.77	18 1-	2 ACSR 6/1	0	0	676	260	62	4	2	0.01	2.90	0
16340059+	16340026	10.83	17 1-	2 ACSR 6/1	0	0	672	260	61	4	2	0.00	2.91	0
16340067+	16340059	11.03	16 1-	2 ACSR 6/1	0	0	659	258	60	4	2	0.01	2.92	0
D16-34-P073+	16340067	11.03	16 1-	RBC-25-E	0	0	659	258	60	4	16	0.00	2.92	0
16340068+	D16-34-P073	11.08	16 1-	2 ACSR 6/1	0	0	656	257	60	4	2	0.00	2.92	0
16340062+	16340068	11.14	0 1-	2 ACSR 6/1	0	0	652	257	0	0	0	0.00	2.92	0
16340048+	16340068	11.23	16 1-	2 ACSR 6/1	0	0	647	256	60	4	2	0.01	2.93	0
16340050+	16340048	11.56	14 1-	2 ACSR 6/1	0	0	627	253	52	3	2	0.02	2.95	0
16340054+	16340050	11.66	13 1-	2 ACSR 6/1	0	0	622	252	49	3	2	0.00	2.95	0
16340055+	16340054	11.79	10 1-	2 ACSR 6/1	0	0	615	251	42	2	2	0.01	2.96	0
16340056+	16340055	11.84	1 1-	2 ACSR 6/1	0	0	612	250	6	0	0	0.00	2.96	0
16340025+	16340055	11.87	9 1-	2 ACSR 6/1	0	0	610	250	36	2	1	0.00	2.96	0
16340065+	16340025	11.93	8 1-	2 ACSR 6/1	0	0	607	250	35	2	1	0.00	2.97	0
16340066+	16340065	11.97	7 1-	2 ACSR 6/1	0	0	605	249	31	2	1	0.00	2.97	0
16340043+	16340066	12.01	3 1-	2 ACSR 6/1	0	0	602	249	17	1	1	0.00	2.97	0
16340042+	16340043	12.03	2 1-	2 ACSR 6/1	0	0	601	249	9	0	0	0.00	2.97	0
16340044+	16340066	12.02	3 1-	2 ACSR 6/1	0	0	602	249	12	0	0	0.00	2.97	0
16340046+	16340044	12.05	2 1-	2 ACSR 6/1	0	0	600	249	6	0	0	0.00	2.97	0
16340047+	16340046	12.24	0 1-	2 ACSR 6/1	0	0	591	247	0	0	0	0.00	2.97	0
16340045+	16340044	12.07	0 1-	2 ACSR 6/1	0	0	599	248	0	0	0	0.00	2.97	0
16340052+	16340025	11.93	1 1-	2 ACSR 6/1	0	0	607	250	2	0	0	0.00	2.96	0
16340053+	16340054	11.78	2 1-	2 ACSR 6/1	0	0	615	251	6	0	0	0.00	2.96	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16340061+	16340053	11.83	1 1-	2 ACSR 6/1	0	0	612	250	3	0	0	0.00	2.96	0
16340060+	16340050	11.60	1 1-	2 ACSR 6/1	0	0	625	252	3	0	0	0.00	2.95	0
16340049+	16340048	11.37	1 1-	2 ACSR 6/1	0	0	638	255	0	0	0	0.00	2.93	0
16340024+	16340049	11.55	0 1-	2 ACSR 6/1	0	0	628	253	0	0	0	0.00	2.93	0
16340051+	16340049	11.43	1 1-	2 ACSR 6/1	0	0	635	254	0	0	0	0.00	2.93	0
16340058+	16340026	10.90	1 1-	2 ACSR 6/1	0	0	668	259	2	0	0	0.00	2.90	0
16340057+	16350027	10.72	2 1-	2 ACSR 6/1	0	0	679	261	10	0	0	0.00	2.90	0
16350056+	16350060	10.60	0 1-	2 ACSR 6/1	0	0	687	262	0	0	0	0.00	2.88	0
16350037+	16451406	10.02	1 1-	2 ACSR 6/1	0	0	729	267	7	0	0	0.00	2.82	0
16451413+	20851426	9.97	7 1-	2 ACSR 6/1	0	0	733	268	31	2	1	0.00	2.80	0
20850685+	16451413	10.10	6 1-	2 ACSR 6/1	0	0	723	267	29	1	1	0.00	2.80	0
20850686+	20850685	10.27	4 1-	2 ACSR 6/1	0	0	710	265	16	1	1	0.00	2.81	0
20850848+	20850686	10.42	1 1-	2 ACSR 6/1	0	0	700	263	4	0	0	0.00	2.81	0
20850647+	20850686	10.36	3 1-	2 ACSR 6/1	0	0	704	264	12	0	0	0.00	2.81	0
20850847+	20850647	10.41	1 1-	2 ACSR 6/1	0	0	701	263	6	0	0	0.00	2.81	0
20850645+	20850685	10.11	0 1-	2 ACSR 6/1	0	0	722	266	0	0	0	0.00	2.80	0
16-44-P005-A+	20850645	10.11	0 1-	Open	0	0	722	266	0	0	0	0.00	2.80	0
20850646+	16451413	10.03	1 1-	2 ACSR 6/1	0	0	729	267	3	0	0	0.00	2.80	0
20851240+	20851238	9.62	0 1-	2 ACSR 6/1	0	0	761	271	0	0	0	0.00	2.72	0
20851239+	20851238	9.56	4 1-	2 ACSR 6/1	0	0	766	272	4	0	0	0.00	2.72	0
20851237+	20851239	9.60	2 1-	2 ACSR 6/1	0	0	763	271	2	0	0	0.00	2.72	0
20851300+	20851301	9.46	2 1-	2 ACSR 6/1	0	0	774	273	2	0	0	0.00	2.68	0
16451410+	16451408	9.39	26 1-	2 ACSR 6/1	0	0	780	273	88	6	3	0.00	3.28	0
D16-45-P012+	16451410	9.39	26 1-	REC-35-E	0	0	780	273	88	6	17	0.00	3.28	0
16451409+	D16-45-P012	9.68	26 1-	2 ACSR 6/1	0	0	756	271	88	6	3	0.03	3.31	2
16451421+	16451409	9.72	2 1-	2 ACSR 6/1	0	0	752	270	5	0	0	0.00	3.31	0
16451422+	16451421	9.82	1 1-	2 ACSR 6/1	0	0	744	269	5	0	0	0.00	3.31	0
20851432+	16451409	9.75	18 1-	2 ACSR 6/1	0	0	750	270	63	4	2	0.00	3.31	0
20851433+	20851432	9.82	17 1-	2 ACSR 6/1	0	0	744	269	58	3	2	0.00	3.31	0
20851434+	20851433	9.88	16 1-	2 ACSR 6/1	0	0	740	269	54	3	2	0.00	3.32	0
20851435+	20851434	9.94	15 1-	2 ACSR 6/1	0	0	735	268	53	3	2	0.00	3.32	0
20851384+	20851435	10.06	3 1-	2 ACSR 6/1	0	0	725	267	12	0	0	0.00	3.32	0
20851408+	20851384	10.10	2 1-	2 ACSR 6/1	0	0	723	266	11	0	0	0.00	3.32	0
16451417+	20851408	10.14	1 1-	2 ACSR 6/1	0	0	720	266	1	0	0	0.00	3.32	0
20851409+	20851435	10.00	10 1-	2 ACSR 6/1	0	0	730	267	36	2	1	0.00	3.32	0
20851397+	20851409	10.04	8 1-	2 ACSR 6/1	0	0	727	267	25	1	1	0.00	3.32	0
20851595+	20851397	10.11	8 1-	2 ACSR 6/1	0	0	722	266	25	1	1	0.00	3.33	0
20851596+	20851595	10.18	0 1-	2 ACSR 6/1	0	0	717	266	0	0	0	0.00	3.33	0
16451412+	20851595	10.23	7 1-	2 ACSR 6/1	0	0	713	265	21	1	1	0.00	3.33	0
20850682+	16451412	10.31	3 1-	2 ACSR 6/1	0	0	707	264	6	0	0	0.00	3.33	0
20850683+	20850682	10.35	1 1-	2 ACSR 6/1	0	0	704	264	0	0	0	0.00	3.33	0
20850684+	20850683	10.40	0 1-	2 ACSR 6/1	0	0	701	264	0	0	0	0.00	3.33	0
16-44-P005-B+	20850684	10.40	0 1-	Open	0	0	701	264	0	0	0	0.00	3.33	0
20850850+	16451412	10.27	4 1-	2 ACSR 6/1	0	0	710	265	15	1	1	0.00	3.33	0
16451411+	20851595	10.24	1 1-	2 ACSR 6/1	0	0	712	265	4	0	0	0.00	3.33	0
20850849+	16451411	10.29	1 1-	2 ACSR 6/1	0	0	709	265	4	0	0	0.00	3.33	0
164400004+	16451411	10.42	0 1-	2 ACSR 6/1	0	0	700	263	0	0	0	0.00	3.33	0
20851427+	16451409	9.73	6 1-	2 ACSR 6/1	0	0	751	270	20	1	1	0.00	3.31	0
20851428+	20851427	9.77	4 1-	2 ACSR 6/1	0	0	748	270	10	0	0	0.00	3.31	0
20851431+	20851428	9.85	1 1-	2 ACSR 6/1	0	0	742	269	2	0	0	0.00	3.31	0
20851429+	20851428	9.84	2 1-	2 ACSR 6/1	0	0	743	269	4	0	0	0.00	3.31	0
20851430+	20851429	9.89	1 1-	2 ACSR 6/1	0	0	739	268	3	0	0	0.00	3.31	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851597+	16550010	8.28	1 1-	2 ACSR 6/1	0	0	868	282	0	0	0	0.00	2.39	0
16540058+	16540056	7.27	1 1-	2 ACSR 6/1	0	0	968	290	9	0	0	0.00	2.44	0
16540059+	16540056	7.28	5 1-	2 ACSR 6/1	0	0	966	290	24	1	1	0.00	2.44	0
16540052+	16540059	7.35	2 1-	2 ACSR 6/1	0	0	956	289	15	1	1	0.00	2.44	0
16540050+	16540030	7.25	3 1-	2 ACSR 6/1	0	0	968	290	13	0	1	0.00	2.44	0
16540051+	16540050	7.29	2 1-	2 ACSR 6/1	0	0	963	289	11	0	0	0.00	2.44	0
20850961+	20850960	6.50	2 1-	2 ACSR 6/1	0	0	1060	296	7	0	0	0.00	2.45	0
16640030+	20850959	6.53	72 3-	1/0 ACSR 6/1	1320	1193	1056	296	410	9	4	0.02	2.39	4
D16-64-P149+	16640030	6.53	72 3-	REC-70-E	1320	1193	1056	296	410	9	14	0.00	2.39	0
20851584+	D16-64-P149	6.56	72 3-	1/0 ACSR 6/1	1316	1189	1053	296	410	9	4	0.00	2.39	0
20851571+	20851584	6.58	70 3-	1/0 ACSR 6/1	1314	1187	1051	296	405	9	4	0.00	2.39	0
20851572+	20851571	6.61	69 3-	1/0 ACSR 6/1	1308	1182	1046	295	388	9	4	0.00	2.39	0
20851643+	20851572	6.67	68 3-	1/0 ACSR 6/1	1301	1174	1039	295	385	8	4	0.01	2.40	1
20851644+	20851643	6.71	67 3-	1/0 ACSR 6/1	1295	1169	1035	295	384	8	4	0.00	2.40	0
20852275+	20851644	6.76	66 3-	1/0 ACSR 6/1	1288	1162	1028	294	382	8	4	0.01	2.40	1
20852277+	20852275	6.83	6 3-	1/0 ACSR 6/1	1278	1153	1020	294	14	0	0	0.00	2.40	0
20852278+	20852277	6.89	4 3-	1/0 ACSR 6/1	1270	1146	1012	293	11	0	0	0.00	2.40	0
20852279+	20852278	6.98	2 3-	1/0 ACSR 6/1	1258	1134	1002	292	8	0	0	0.00	2.40	0
20852280+	20852279	7.06	1 1-	2 ACSR 6/1	0	0	991	291	5	0	0	0.00	2.50	0
16650011+	20852279	7.05	1 3-	1/0 ACSR 6/1	1249	1125	993	292	4	0	0	0.00	2.40	0
16650026+	16650011	7.13	1 1-	2 ACSR 6/1	0	0	983	291	4	0	0	0.00	2.72	0
16650012+	16650011	7.11	0 3-	1/0 ACSR 6/1	1241	1118	986	291	0	0	0	0.00	2.40	0
20852274+	20852277	6.87	2 1-	2 ACSR 6/1	0	0	1013	293	3	0	0	0.00	2.49	0
20852276+	20852275	6.82	59 3-	1/0 ACSR 6/1	1279	1154	1020	294	365	8	4	0.01	2.41	1
16650018+	20852276	6.94	54 3-	1/0 ACSR 6/1	1264	1139	1006	293	347	8	4	0.01	2.42	2
16650017+	16650018	7.00	2 1-	2 ACSR 6/1	0	0	998	292	3	0	0	0.00	2.00	0
16650016+	16650017	7.06	1 1-	2 ACSR 6/1	0	0	989	291	2	0	0	0.00	2.00	0
16650020+	16650018	7.15	52 3-	1/0 ACSR 6/1	1236	1113	982	291	344	8	3	0.02	2.43	4
16650024+	16650020	7.26	51 3-	1/0 ACSR 6/1	1222	1100	970	290	341	7	3	0.01	2.44	2
16650025+	16650024	7.30	1 1-	2 ACSR 6/1	0	0	964	290	1	0	0	0.00	2.02	0
16650023+	16650024	7.33	46 3-	1/0 ACSR 6/1	1213	1091	962	289	333	7	3	0.01	2.44	1
20852267+	16650023	7.37	45 3-	1/0 ACSR 6/1	1209	1087	958	289	332	7	3	0.00	2.45	0
20850947+	20852267	7.50	44 3-	1/0 ACSR 6/1	1193	1073	944	288	329	7	3	0.01	2.46	2
20850949+	20850947	7.55	42 3-	1/0 ACSR 6/1	1186	1066	939	288	321	7	3	0.01	2.46	0
20850951+	20850949	7.63	1 1-	2 ACSR 6/1	0	0	929	287	1	0	0	0.00	2.77	0
20850950+	20850949	7.68	40 3-	1/0 ACSR 6/1	1171	1052	926	287	319	7	3	0.01	2.47	2
20850314+	20850950	7.74	4 3-	1/0 ACSR 6/1	1164	1046	919	286	18	0	0	0.00	2.47	0
20850315+	20850314	7.76	0 3-	1/0 ACSR 6/1	1163	1044	918	286	0	0	0	0.00	2.47	0
16-75-P071-A+	20850315	7.76	0 3-	Open	1163	1044	918	286	0	0	0	0.00	2.47	0
20851267+	20850950	7.72	19 3-	2 ACSR 6/1	1166	1047	921	286	222	5	3	0.00	2.47	0
20851268+	20851267	7.78	18 3-	2 ACSR 6/1	1157	1039	914	286	222	5	3	0.00	2.48	0
D16-75-P011+	20851268	7.78	18 3-	REC-25-E	1157	1039	914	286	222	5	21	0.00	2.48	0
20850261+	D16-75-P011	7.83	18 3-	2 ACSR 6/1	1150	1032	908	285	222	5	3	0.00	2.48	0
20850262+	20850261	7.88	17 3-	2 ACSR 6/1	1143	1025	901	284	221	5	3	0.00	2.48	0
20852268+	20850262	8.01	16 3-	2 ACSR 6/1	1125	1008	887	283	219	5	3	0.01	2.49	2
20852269+	20852268	8.23	15 3-	2 ACSR 6/1	1096	981	862	281	217	5	3	0.01	2.51	3
16650015+	20852269	8.43	15 3-	2 ACSR 6/1	1071	957	842	279	217	5	3	0.01	2.52	3
20852270+	16650015	8.54	3 1-	2 ACSR 6/1	0	0	830	277	6	0	0	0.00	2.08	0
20852271+	20852270	8.96	0 1-	2 ACSR 6/1	0	0	791	273	0	0	0	0.00	2.08	0
16650013+	16650015	8.54	0 1-	2 ACSR 6/1	0	0	831	277	0	0	0	0.00	2.64	0
16650010+	16650015	8.53	12 3-	2 ACSR 6/1	1058	945	831	277	212	5	3	0.01	2.53	1
20852272+	16650010	8.59	2 1-	2 ACSR 6/1	0	0	826	277	3	0	0	0.00	2.09	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
16650033+	16650010	8.65	10 3-	2 ACSR 6/1	1045	932	820	276	208	4	3	0.01	2.54	1
16650034+	16650033	8.72	9 3-	2 ACSR 6/1	1036	924	813	276	206	4	3	0.00	2.54	0
16650031+	16650034	8.76	9 3-	2 ACSR 6/1	1032	920	809	275	205	4	3	0.00	2.54	0
16650032+	16650031	8.81	8 3-	2 ACSR 6/1	1027	915	805	275	203	4	3	0.00	2.55	0
20852273+	16650032	8.94	1 1-	2 ACSR 6/1	0	0	793	273	2	0	0	0.00	2.10	0
16650009+	16650032	8.94	7 3-	2 ACSR 6/1	1012	901	793	273	201	4	3	0.01	2.55	1
16660003+	16650009	8.99	1 1-	2 ACSR 6/1	0	0	788	273	2	0	0	0.00	2.11	0
16660002+	16650009	9.34	6 3-	2 ACSR 6/1	969	861	758	269	199	4	3	0.03	2.58	4
20850246+	16660002	9.53	6 3-	2 ACSR 6/1	950	843	743	267	199	4	3	0.01	2.59	2
20850249+	20850246	9.64	3 3-	2 ACSR 6/1	939	833	734	266	179	4	2	0.01	2.60	0
20850250+	20850249	9.74	2 3-	2 ACSR 6/1	930	825	726	265	170	4	2	0.01	2.60	0
20850251+	20850250	9.88	2 3-	2 ACSR 6/1	916	812	715	264	170	4	2	0.01	2.61	1
16560001+	20850251	10.29	2 3-	2 ACSR 6/1	881	779	686	260	170	4	2	0.02	2.63	3
16570008+	16560001	10.29	2 3-	Consumer	881	779	686	260	170	4	0	0.00	2.63	0
16570002+	16560001	10.38	0 3-	2 ACSR 6/1	873	772	680	259	0	0	0	0.00	2.63	0
16570001+	16570002	10.59	0 3-	2 ACSR 6/1	856	756	667	257	0	0	0	0.00	2.63	0
20850252+	20850251	9.94	0 1-	2 ACSR 6/1	0	0	712	263	0	0	0	0.00	2.72	0
20850247+	20850246	9.68	2 1-	2 ACSR 6/1	0	0	731	266	17	1	1	0.00	2.94	0
20850248+	20850247	9.86	1 1-	2 ACSR 6/1	0	0	717	264	7	0	0	0.00	2.94	0
16650014+	20852269	8.34	0 1-	2 ACSR 6/1	0	0	851	280	0	0	0	0.00	2.62	0
20850975+	20850950	7.72	1 1-	2 ACSR 6/1	0	0	921	286	4	0	0	0.00	2.59	0
16750019+	20850950	7.75	16 1-	2 ACSR 6/1	0	0	918	286	75	5	3	0.01	2.60	0
D16-75-P093+	16750019	7.75	1 1-	FUS	0	0	918	286	2	0	3	0.00	2.60	0
20850976+	D16-75-P093	7.80	1 1-	2 ACSR 6/1	0	0	911	285	2	0	0	0.00	2.60	0
D16-75-P093A+	16750019	7.75	15 1-	FUS	0	0	918	286	73	4	113	0.00	2.60	0
20850977+	D16-75-P093A	8.03	15 1-	2 ACSR 6/1	0	0	884	283	73	4	3	0.02	2.62	1
20851266+	20850977	8.13	14 1-	2 ACSR 6/1	0	0	873	282	72	4	3	0.01	2.63	0
20850062+	20851266	8.20	10 1-	2 ACSR 6/1	0	0	866	281	61	4	2	0.00	2.63	0
20850064+	20850062	8.30	10 1-	2 ACSR 6/1	0	0	856	280	61	4	2	0.01	2.64	0
20850259+	20850064	8.47	3 1-	2 ACSR 6/1	0	0	838	278	4	0	0	0.00	2.64	0
20850260+	20850259	8.75	1 1-	2 ACSR 6/1	0	0	811	275	2	0	0	0.00	2.64	0
20851928+	20850260	8.89	0 1-	2 ACSR 6/1	0	0	797	274	0	0	0	0.00	2.64	0
20850065+	20850064	8.33	6 1-	2 ACSR 6/1	0	0	852	280	45	3	2	0.00	2.64	0
20850066+	20850065	8.36	3 1-	2 ACSR 6/1	0	0	849	279	25	1	1	0.00	2.64	0
20850067+	20850066	8.46	2 1-	2 ACSR 6/1	0	0	839	278	16	1	1	0.00	2.64	0
20850068+	20850067	8.53	1 1-	2 ACSR 6/1	0	0	832	278	10	0	0	0.00	2.64	0
20850063+	20850062	8.24	0 1-	2 ACSR 6/1	0	0	862	281	0	0	0	0.00	2.63	0
20850029+	20851266	8.16	3 1-	2 ACSR 6/1	0	0	870	281	9	0	0	0.00	2.63	0
20850028+	20851266	8.21	0 1-	2 ACSR 6/1	0	0	865	281	0	0	0	0.00	2.63	0
20850948+	20850947	7.53	1 1-	2 ACSR 6/1	0	0	941	288	3	0	0	0.00	2.57	0
16650022+	16650024	7.31	2 1-	2 ACSR 6/1	0	0	963	289	5	0	0	0.00	2.55	0
20852266+	16650022	7.36	1 1-	2 ACSR 6/1	0	0	957	289	3	0	0	0.00	2.55	0
16650021+	16650024	7.34	1 1-	2 ACSR 6/1	0	0	959	289	3	0	0	0.00	2.75	0
16650019+	16650018	7.17	0 1-	2 ACSR 6/1	0	0	974	290	0	0	0	0.00	2.00	0
20851645+	20852276	6.87	5 1-	2 ACSR 6/1	0	0	1013	293	18	1	1	0.00	2.50	0
20852090+	20851645	6.93	3 1-	2 ACSR 6/1	0	0	1005	292	5	0	0	0.00	2.50	0
20852091+	20852090	7.07	1 1-	2 ACSR 6/1	0	0	985	291	2	0	0	0.00	2.50	0
20851642+	20851572	6.70	1 1-	2 ACSR 6/1	0	0	1033	294	3	0	0	0.00	1.99	0
20852065+	20851584	6.60	2 1-	2 ACSR 6/1	0	0	1046	295	6	0	0	0.00	2.47	0
20852265+	20852065	6.67	1 1-	2 ACSR 6/1	0	0	1036	294	3	0	0	0.00	2.47	0
20850958+	20850957	6.33	0 1-	2 ACSR 6/1	0	0	1082	297	0	0	0	0.00	1.95	0
20852025+	20852024	5.85	0 1-	2 ACSR 6/1	0	0	1152	301	0	0	0	0.00	2.35	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852022+	16740006	5.79	1 1-	2 ACSR 6/1	0	0	1157	302	2	0	0	0.00	2.32	0
20852023+	20852022	5.86	0 1-	2 ACSR 6/1	0	0	1144	301	0	0	0	0.00	2.32	0
20852054+	16730004	4.78	2 1-	2 ACSR 6/1	0	0	1346	311	14	0	1	0.00	2.17	0
20851672+	20851807	4.17	2 1-	2 ACSR 6/1	0	0	1487	316	5	0	0	0.00	1.46	0
D16-73-P026+	20851672	4.17	1 1-	FUS-30	0	0	1487	316	3	0	1	0.00	1.46	0
16730011+	D16-73-P026	4.24	1 1-	2 ACSR 6/1	0	0	1464	315	3	0	0	0.00	1.46	0
20851996+	16830025	4.00	2 1-	2 ACSR 6/1	0	0	1531	318	2	0	0	0.00	1.42	0
16830026+	16830024	3.78	4 1-	2 ACSR 6/1	0	0	1591	320	9	0	0	0.00	1.35	0
20851994+	16830026	3.95	1 1-	2 ACSR 6/1	0	0	1532	317	2	0	0	0.00	1.35	0
20851993+	16830026	3.81	2 1-	2 ACSR 6/1	0	0	1579	319	5	0	0	0.00	1.35	0
20851992+	16830026	3.85	1 1-	2 ACSR 6/1	0	0	1567	319	2	0	0	0.00	1.35	0
20851776+	16830018	3.41	10 1-	2 ACSR 6/1	0	0	1705	323	32	2	1	0.00	1.25	0
20851777+	20851776	3.59	8 1-	2 ACSR 6/1	0	0	1637	321	26	1	1	0.00	1.25	0
20851800+	20851777	3.69	4 1-	2 ACSR 6/1	0	0	1600	319	15	0	1	0.00	1.25	0
20851991+	20851800	3.80	2 1-	2 ACSR 6/1	0	0	1561	318	12	0	0	0.00	1.25	0
20851778+	20851777	3.68	4 1-	2 ACSR 6/1	0	0	1606	320	11	0	0	0.00	1.25	0
20851779+	20851778	3.72	3 1-	2 ACSR 6/1	0	0	1590	319	9	0	0	0.00	1.25	0
16830017+	16830022	3.75	0 1-	2 ACSR 6/1	0	0	1575	318	0	0	0	0.00	1.21	0
16830021+	16830020	3.13	4 1-	2 ACSR 6/1	0	0	1805	326	12	0	0	0.00	1.13	0
20851799+	16830021	3.25	3 1-	2 ACSR 6/1	0	0	1752	324	9	0	0	0.00	1.13	0
20851798+	16830021	3.22	1 1-	2 ACSR 6/1	0	0	1767	324	3	0	0	0.00	1.13	0
20851752+	16930008	3.01	3 1-	2 ACSR 6/1	0	0	1855	327	4	0	0	0.00	1.09	0
16930009+	16930018	2.84	5 3-	1/0 ACSR 6/1	2205	2068	1927	329	11	0	0	0.00	1.26	0
16930019+	16930009	2.94	4 1-	2 ACSR 6/1	0	0	1877	327	9	0	0	0.00	1.20	0
16930021+	16930019	3.01	2 1-	2 ACSR 6/1	0	0	1845	326	4	0	0	0.00	1.20	0
16930016+	16930009	2.93	1 1-	2 ACSR 6/1	0	0	1885	328	2	0	0	0.00	1.20	0
16920005+	16930016	2.94	0 1-	2 ACSR 6/1	0	0	1877	327	0	0	0	0.00	1.20	0
16-92-P009-A+	16920005	2.94	0 1-	Closed	0	0	1877	327	0	0	0	0.00	1.20	0
16-92-P009-B+	16-92-P009-B	2.94	0 1-	Closed	0	0	1877	327	0	0	0	0.00	1.20	0
16920006+	16-92-P009-A	3.35	0 1-	2 ACSR 6/1	0	0	1700	322	0	0	0	0.00	1.20	0
22030008+	22030007	2.25	1 1-	2 ACSR 6/1	0	0	2210	334	10	0	0	0.00	0.93	0
22130016+	22130015	1.61	1 3-	1/0 ACSR 6/1	2810	2710	2635	341	0	0	0	0.00	0.65	0
22120024+	22120023	0.48	2 1-	2 ACSR 6/1	0	0	3844	351	12	0	0	0.00	0.16	0
22120041+	22120024	0.52	1 1-	2 ACSR 6/1	0	0	3782	351	7	0	0	0.00	0.16	0
22120056+	22120041	0.68	1 1-	2 ACSR 6/1	0	0	3520	348	7	0	0	0.00	0.17	0
22230034+	22230033	0.21	1 1-	2 ACSR 6/1	0	0	4232	353	8	0	0	0.00	0.05	0
CKT 1 total losses:	\$5,718													

SUB 85, CKT 2

BK8502+	CARPENTER (85)	0.00	410 3-	BK8502	4080	4191	4655	355	3019	66	28	0.00	0.00	0
22230027+	BK8502	0.01	410 3-	336 ACSR 18/1	4072	4179	4638	355	3019	66	13	0.00	0.00	4
22230072+	22230027	0.05	410 3-	336 ACSR 18/1	4038	4134	4570	354	3019	66	13	0.01	0.01	17
22230040+	22230072	0.12	410 3-	336 ACSR 18/1	3986	4064	4464	354	3019	66	13	0.01	0.02	28
D22-23-P015+	22230040	0.12	15 1-	FUS	0	0	4464	354	79	5	121	0.00	0.02	0
22230060+	D22-23-P015	0.16	15 1-	2 ACSR 6/1	0	0	4379	354	79	5	3	0.00	0.02	0
22230061+	22230060	0.25	13 1-	2 ACSR 6/1	0	0	4182	352	74	4	3	0.01	0.03	0
22230055+	22230061	0.33	1 1-	2 ACSR 6/1	0	0	4035	351	16	1	1	0.00	0.03	0
22230073+	22230055	0.42	1 1-	2 ACSR 6/1	0	0	3862	350	16	1	1	0.00	0.03	0
22230030+	22230061	0.49	12 1-	2 ACSR 6/1	0	0	3734	349	59	3	2	0.01	0.04	0
22230066+	22230030	0.59	8 1-	2 ACSR 6/1	0	0	3564	347	30	1	1	0.00	0.05	0
22230067+	22230066	0.75	3 1-	2 ACSR 6/1	0	0	3323	345	14	0	1	0.00	0.05	0
22230064+	22230066	0.65	5 1-	2 ACSR 6/1	0	0	3466	346	16	1	1	0.00	0.05	0

Patterson & Dewar Engineers, Inc. Norcross, Georgia

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22230065+	22230064	0.69	4 1-	2 ACSR 6/1	0	0	3408	346	14	0	1	0.00	0.05	0
22230063+	22230065	0.77	3 1-	2 ACSR 6/1	0	0	3293	345	10	0	0	0.00	0.05	0
22230062+	22230063	0.82	1 1-	2 ACSR 6/1	0	0	3218	344	3	0	0	0.00	0.05	0
22230039+	22230030	0.64	1 1-	2 ACSR 6/1	0	0	3492	346	4	0	0	0.00	0.04	0
22230042+	22230030	0.71	2 1-	2 ACSR 6/1	0	0	3380	345	16	1	1	0.00	0.05	0
22130037+	22230042	0.80	1 1-	2 ACSR 6/1	0	0	3251	344	9	0	0	0.00	0.05	0
22230028+	22230040	0.18	395 3-	336 ACSR 18/1	3947	4012	4386	354	2939	64	12	0.01	0.03	20
22230059+	22230028	0.24	1 1-	2 ACSR 6/1	0	0	4250	353	9	0	0	0.00	0.02	0
22230058+	22230028	0.24	1 1-	2 ACSR 6/1	0	0	4228	353	7	0	0	0.00	0.03	0
22230043+	22230028	0.29	393 3-	336 ACSR 18/1	3864	3902	4244	353	2922	64	12	0.02	0.05	44
22230054+	22230043	0.37	391 3-	336 ACSR 18/1	3809	3831	4120	353	2917	64	12	0.01	0.06	30
22230048+	22230054	0.47	391 3-	336 ACSR 18/1	3741	3745	3995	353	2917	64	12	0.01	0.08	38
22230049+	22230048	0.56	390 3-	336 ACSR 18/1	3686	3677	3896	352	2913	64	12	0.01	0.10	32
22230046+	22230049	0.61	2 1-	2 ACSR 6/1	0	0	3811	352	5	0	0	0.00	0.08	0
22230051+	22230046	0.64	1 1-	2 ACSR 6/1	0	0	3759	351	3	0	0	0.00	0.08	0
22230026+	22230049	0.67	388 3-	336 ACSR 18/1	3613	3586	3766	352	2908	64	12	0.02	0.12	45
22230069+	22230026	0.91	387 3-	336 ACSR 18/1	3471	3415	3526	351	2903	64	12	0.03	0.16	90
22230021+	22230069	1.03	385 3-	336 ACSR 18/1	3404	3336	3416	350	2896	64	12	0.02	0.18	45
22230022+	22230021	1.09	385 3-	336 ACSR 18/1	3371	3297	3362	350	2896	64	12	0.01	0.19	23
22230024+	22230022	1.13	3 1-	2 ACSR 6/1	0	0	3319	349	9	0	0	0.00	0.15	0
22230023+	22230022	1.16	0 1-	2 ACSR 6/1	0	0	3275	349	0	0	0	0.00	0.14	0
22230012+	22230022	1.24	382 3-	336 ACSR 18/1	3294	3208	3241	349	2887	63	12	0.02	0.21	55
22230026+	22230012	1.28	3 1-	2 ACSR 6/1	0	0	3198	349	7	0	0	0.00	0.16	0
22230027+	22230026	1.38	1 1-	2 ACSR 6/1	0	0	3074	347	2	0	0	0.00	0.16	0
22230025+	22230026	1.34	0 1-	2 ACSR 6/1	0	0	3126	348	0	0	0	0.00	0.16	0
22230011+	22230012	1.42	379 3-	336 ACSR 18/1	3202	3103	3101	349	2879	63	12	0.02	0.24	68
22230031+	22230011	1.59	160 3-	336 ACSR 18/1	3123	3014	2984	348	1803	39	8	0.01	0.26	26
22230036+	22230031	1.65	160 3-	336 ACSR 18/1	3098	2986	2947	348	1803	39	8	0.00	0.26	8
22230037+	22230036	1.73	160 3-	336 ACSR 18/1	3061	2945	2893	347	1803	39	8	0.01	0.27	13
CAP168+	22230037	1.73	160 3-	Capacitor	0	0	0	0	1803	39	0	0.00	0.27	0
22230039+	CAP168	1.75	160 3-	336 ACSR 18/1	3052	2935	2880	347	1803	40	8	0.00	0.27	3
22230040+	22230039	1.85	159 3-	336 ACSR 18/1	3007	2885	2816	347	1797	40	8	0.01	0.29	16
D22-33-P037+	22230040	1.85	5 1-	FUS	0	0	2816	347	25	1	38	0.00	0.19	0
22230041+	D22-33-P037	1.90	5 1-	2 ACSR 6/1	0	0	2771	346	25	1	1	0.00	0.20	0
22230042+	22230041	1.96	3 1-	2 ACSR 6/1	0	0	2715	345	19	1	1	0.00	0.20	0
22230038+	22230042	2.04	2 1-	2 ACSR 6/1	0	0	2650	344	10	0	0	0.00	0.20	0
22230030+	22230040	1.94	154 3-	336 ACSR 18/1	2971	2846	2766	346	1771	39	7	0.01	0.30	13
22230017+	22230030	2.01	153 3-	336 ACSR 18/1	2941	2814	2725	346	1749	39	7	0.01	0.30	11
22230018+	22230017	2.03	152 3-	336 ACSR 18/1	2933	2805	2713	346	1744	39	7	0.00	0.31	3
22230043+	22230018	2.07	2 1-	2 ACSR 6/1	0	0	2680	345	13	0	0	0.00	0.20	0
20851119+	22230043	2.12	1 1-	2 ACSR 6/1	0	0	2639	345	9	0	0	0.00	0.20	0
22230019+	22230018	2.05	150 3-	336 ACSR 18/1	2925	2796	2703	346	1731	38	7	0.00	0.31	3
22230020+	22230019	2.09	1 1-	2 ACSR 6/1	0	0	2665	345	3	0	0	0.00	0.25	0
20850936+	22230019	2.23	148 3-	336 ACSR 18/1	2854	2719	2606	345	1718	38	7	0.02	0.33	26
20851120+	20850936	2.26	147 3-	336 ACSR 18/1	2842	2707	2590	345	1709	38	7	0.00	0.34	4
20851121+	20851120	2.29	144 3-	336 ACSR 18/1	2829	2693	2573	345	1699	38	7	0.00	0.34	5
20851122+	20851121	2.34	142 3-	336 ACSR 18/1	2811	2673	2549	344	1684	37	7	0.01	0.34	7
22430039+	20851122	2.41	139 3-	336 ACSR 18/1	2786	2647	2516	344	1680	37	7	0.01	0.35	9
22430040+	22430039	2.43	3 1-	2 ACSR 6/1	0	0	2499	344	10	0	0	0.00	0.54	0
22430022+	22430039	2.46	136 3-	336 ACSR 18/1	2766	2626	2491	344	1670	37	7	0.01	0.36	7
22430023+	22430022	2.49	135 3-	336 ACSR 18/1	2756	2615	2477	344	1661	37	7	0.00	0.36	4

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22430046+	D22-43-P026	2.57	17 1-	2 ACSR 6/1	0	0	2417	343	56	3	2	0.00	0.56	0
22430041+	22430046	2.63	15 1-	2 ACSR 6/1	0	0	2376	342	44	2	2	0.00	0.56	0
22430024+	22430041	2.69	14 1-	2 ACSR 6/1	0	0	2337	341	36	2	1	0.00	0.57	0
22430026+	22430024	2.77	13 1-	2 ACSR 6/1	0	0	2278	340	34	2	1	0.00	0.57	0
22430028+	22430026	2.82	2 1-	2 ACSR 6/1	0	0	2248	339	1	0	0	0.00	0.57	0
22430027+	22430026	2.81	8 1-	2 ACSR 6/1	0	0	2253	339	22	1	1	0.00	0.57	0
22430032+	22430027	2.88	6 1-	2 ACSR 6/1	0	0	2211	338	17	1	1	0.00	0.57	0
22430017+	22430032	2.91	4 1-	2 ACSR 6/1	0	0	2192	338	15	1	1	0.00	0.57	0
22430018+	22430017	2.96	3 1-	2 ACSR 6/1	0	0	2160	337	7	0	0	0.00	0.57	0
22430019+	22430018	3.05	2 1-	2 ACSR 6/1	0	0	2107	336	4	0	0	0.00	0.57	0
20850911+	22430019	3.16	2 1-	2 ACSR 6/1	0	0	2044	334	4	0	0	0.00	0.57	0
20850910+	20850911	3.24	1 1-	2 ACSR 6/1	0	0	2003	333	1	0	0	0.00	0.57	0
22430031+	22430027	2.89	2 1-	2 ACSR 6/1	0	0	2202	338	5	0	0	0.00	0.57	0
22430025+	22430024	2.77	0 1-	2 ACSR 6/1	0	0	2282	340	0	0	0	0.00	0.57	0
22430049+	22430041	2.66	1 1-	2 ACSR 6/1	0	0	2357	341	8	0	0	0.00	0.56	0
20850740+	22430023	2.52	118 3-	336 ACSR 18/1	2747	2605	2465	344	1605	35	7	0.00	0.37	3
20850741+	20850740	2.58	117 3-	336 ACSR 18/1	2724	2581	2436	343	1603	35	7	0.01	0.37	8
20850909+	20850741	2.62	1 1-	2 ACSR 6/1	0	0	2407	343	3	0	0	0.00	0.31	0
20850743+	20850741	2.65	114 3-	336 ACSR 18/1	2701	2557	2406	343	1596	35	7	0.01	0.38	8
20850932+	20850743	2.69	1 1-	2 ACSR 6/1	0	0	2378	343	13	0	0	0.00	0.24	0
20850742+	20850743	2.70	112 3-	336 ACSR 18/1	2681	2536	2381	343	1582	35	7	0.01	0.39	7
22430029+	20850742	2.75	76 3-	1/0 ACSR 6/1	2656	2510	2352	342	1417	31	14	0.01	0.40	14
22430033+	22430029	2.79	75 3-	1/0 ACSR 6/1	2637	2491	2331	342	1414	31	14	0.01	0.41	10
22430034+	22430033	2.80	74 3-	1/0 ACSR 6/1	2631	2485	2324	342	1408	31	14	0.00	0.41	3
D22-43-P116+	22430034	2.80	74 3-	REC-100-E	2631	2485	2324	342	1408	31	32	0.00	0.41	0
22430020+	D22-43-P116	2.84	74 3-	1/0 ACSR 6/1	2612	2465	2302	341	1408	31	14	0.01	0.42	11
22440008+	22430020	3.00	74 3-	1/0 ACSR 6/1	2532	2383	2213	340	1408	31	14	0.04	0.47	46
CAP169+	22440008	3.00	73 3-	Capacitor	0	0	0	0	1397	31	0	0.00	0.47	0
22440005+	CAP169	3.06	1 1-	2 ACSR 6/1	0	0	2176	339	2	0	0	0.00	0.40	0
22440004+	CAP169	3.09	71 3-	1/0 ACSR 6/1	2490	2340	2166	339	1392	32	14	0.02	0.49	27
22440009+	22440004	3.12	2 1-	2 ACSR 6/1	0	0	2149	339	12	0	0	0.00	0.34	0
22440010+	22440009	3.18	1 1-	2 ACSR 6/1	0	0	2114	338	9	0	0	0.00	0.34	0
22440006+	22440004	3.12	69 3-	1/0 ACSR 6/1	2475	2325	2150	339	1380	31	14	0.01	0.50	9
22440011+	22440006	3.17	67 3-	1/0 ACSR 6/1	2452	2200	2126	338	1365	31	14	0.01	0.51	14
22440012+	22440011	3.26	5 1-	2 ACSR 6/1	0	0	2076	337	14	0	1	0.00	0.37	0
22440014+	22440011	3.32	59 3-	1/0 ACSR 6/1	2385	2233	2053	337	1334	30	13	0.04	0.56	41
22440013+	22440014	3.37	1 1-	2 ACSR 6/1	0	0	2029	336	6	0	0	0.00	0.48	0
22440015+	22440014	3.36	57 3-	1/0 ACSR 6/1	2367	2215	2034	336	1326	30	13	0.01	0.57	11
22440016+	22440015	3.43	56 3-	1/0 ACSR 6/1	2337	2185	2002	335	1321	30	13	0.02	0.59	19
22340020+	22440016	3.50	4 1-	2 ACSR 6/1	0	0	1968	335	19	1	1	0.00	0.44	0
22340021+	22340020	3.53	2 1-	2 ACSR 6/1	0	0	1954	334	9	0	0	0.00	0.44	0
22340002+	22440016	3.52	52 3-	1/0 ACSR 6/1	2301	2148	1964	335	1302	30	13	0.02	0.61	23
22340003+	22340002	3.60	4 1-	2 ACSR 6/1	0	0	1927	334	10	0	0	0.00	0.46	0
22340022+	22340003	3.64	1 1-	2 ACSR 6/1	0	0	1905	333	2	0	0	0.00	0.46	0
22340004+	22340003	3.64	2 1-	2 ACSR 6/1	0	0	1909	333	7	0	0	0.00	0.46	0
22340009+	22340004	3.72	1 1-	2 ACSR 6/1	0	0	1870	332	1	0	0	0.00	0.46	0
22340008+	22340004	3.67	1 1-	2 ACSR 6/1	0	0	1891	332	6	0	0	0.00	0.46	0
22340010+	22340002	3.63	48 3-	1/0 ACSR 6/1	2258	2105	1919	334	1292	29	13	0.03	0.64	28
22340011+	22340010	3.71	44 3-	1/0 ACSR 6/1	2228	2075	1888	333	1287	29	13	0.02	0.66	19
22340007+	22340011	3.78	42 3-	1/0 ACSR 6/1	2199	2046	1859	332	1273	29	13	0.02	0.68	19
22340017+	22340007	3.89	37 3-	1/0 ACSR 6/1	2160	2007	1818	331	1240	28	12	0.03	0.71	25
22340018+	22340017	3.97	33 3-	1/0 ACSR 6/1	2129	1976	1787	330	1215	28	12	0.02	0.73	19

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22340006+	22340018	4.15	31 3-	1/0 ACSR 6/1	2069	1916	1727	328	1202	27	12	0.04	0.78	38
22440018+	22340006	4.22	1 1-	2 ACSR 6/1	0	0	1699	327	4	0	0	0.00	0.70	0
22440017+	22340006	4.25	28 3-	1/0 ACSR 6/1	2036	1883	1694	327	1173	27	12	0.03	0.80	21
22440020+	22440017	4.36	1 1-	2 ACSR 6/1	0	0	1653	326	5	0	0	0.00	0.72	0
22440021+	22440020	4.40	1 1-	2 ACSR 6/1	0	0	1638	325	5	0	0	0.00	0.72	0
22440022+	22440017	4.34	27 3-	1/0 ACSR 6/1	2007	1854	1665	327	1167	27	12	0.02	0.82	19
22440007+	22440002	4.55	26 3-	1/0 ACSR 6/1	1943	1791	1603	325	1161	26	12	0.05	0.88	43
22450014+	22440007	4.60	1 1-	2 ACSR 6/1	0	0	1585	324	7	0	0	0.00	1.12	0
22450030+	22440007	4.64	24 3-	1/0 ACSR 6/1	1914	1763	1575	324	1150	26	12	0.02	0.90	20
22450032+	22450030	4.68	1 1-	2 ACSR 6/1	0	0	1563	323	6	0	0	0.00	0.73	0
22450031+	22450030	4.74	23 3-	1/0 ACSR 6/1	1885	1735	1548	323	1144	26	12	0.03	0.92	20
22450006+	22450031	4.80	21 3-	1/0 ACSR 6/1	1869	1718	1532	322	1136	26	12	0.02	0.94	12
22450007+	22450006	4.84	20 3-	2 ACSR 6/1	1856	1705	1519	322	1131	26	15	0.01	0.95	12
22450008+	22450007	4.89	19 3-	2 ACSR 6/1	1840	1690	1505	321	1123	26	15	0.02	0.97	14
D22-45-P038+	22450008	4.89	19 3-	REC-35-E	1840	1690	1505	321	1123	26	75	0.00	0.97	0
22450009+	D22-45-P038	5.00	19 3-	2 ACSR 6/1	1805	1654	1472	320	1123	26	15	0.04	1.01	34
22450027+	22450009	5.06	18 3-	2 ACSR 6/1	1784	1634	1453	319	1120	26	15	0.02	1.03	20
22450026+	22450027	5.12	18 3-	2 ACSR 6/1	1767	1617	1438	318	1120	26	15	0.02	1.05	17
22450010+	22450026	5.21	1 1-	2 ACSR 6/1	0	0	1413	317	4	0	0	0.00	0.98	0
22450024+	22450026	5.19	17 3-	2 ACSR 6/1	1745	1595	1417	317	1116	26	14	0.03	1.07	23
22450028+	22450024	5.59	16 3-	2 ACSR 6/1	1633	1484	1316	312	1113	25	14	0.14	1.21	121
22450029+	22450028	5.66	16 3-	2 ACSR 6/1	1612	1464	1298	311	1111	25	14	0.03	1.24	24
22450011+	22450029	5.95	16 3-	2 ACSR 6/1	1539	1393	1233	307	1111	25	14	0.10	1.34	88
22460010+	22450011	6.19	14 3-	2 ACSR 6/1	1484	1340	1185	304	1103	25	14	0.08	1.42	70
22460011+	22460010	6.26	11 3-	2 ACSR 6/1	1468	1324	1171	303	1090	25	14	0.03	1.44	22
22460012+	22460011	6.36	1 1-	2 ACSR 6/1	0	0	1153	302	3	0	0	0.00	1.39	0
22460005+	22460011	6.57	10 3-	2 ACSR 6/1	1402	1261	1115	300	1086	25	14	0.11	1.55	90
22460013+	22460005	6.59	1 1-	2 ACSR 6/1	0	0	1110	299	6	0	0	0.00	1.50	0
22460006+	22460005	6.60	9 3-	2 ACSR 6/1	1395	1254	1108	299	1079	25	14	0.01	1.56	11
22460016+	22460006	6.62	1 1-	2 ACSR 6/1	0	0	1105	299	11	0	0	0.00	1.81	0
22460015+	22460006	6.62	1 1-	2 ACSR 6/1	0	0	1105	299	3	0	0	0.00	1.81	0
22460007+	22460006	6.84	7 3-	2 ACSR 6/1	1349	1210	1069	297	1065	25	14	0.08	1.64	66
22460014+	22460007	7.01	5 3-	2 ACSR 6/1	1316	1179	1042	295	15	0	0	0.00	1.64	0
22470002+	22460014	7.07	4 3-	2 ACSR 6/1	1306	1169	1033	294	14	0	0	0.00	1.64	0
D22-37-P014+	22470002	7.07	4 1-	FUS	0	0	1033	294	14	0	21	0.00	1.59	0
22370009+	D22-37-P014	7.11	4 1-	2 ACSR 6/1	0	0	1026	293	14	0	1	0.00	1.59	0
22370010+	22370009	7.15	4 1-	2 ACSR 6/1	0	0	1021	293	14	0	1	0.00	1.59	0
22370008+	22370010	7.20	4 1-	2 ACSR 6/1	0	0	1014	292	14	0	1	0.00	1.59	0
22370006+	22370008	7.26	4 1-	2 ACSR 6/1	0	0	1004	292	14	0	1	0.00	1.59	0
22370007+	22370006	7.87	4 1-	2 ACSR 6/1	0	0	924	285	14	0	1	0.00	1.60	0
22460008+	22460007	6.86	2 3-	2 ACSR 6/1	1345	1206	1066	296	1049	24	14	0.01	1.65	6
22460070+	22460008	6.86	2 3-	Consumer	1345	1206	1066	296	1049	24	0	0.00	1.65	0
22460009+	22450011	6.02	1 1-	2 ACSR 6/1	0	0	1220	306	6	0	0	0.00	1.15	0
22450025+	22450024	5.30	1 1-	2 ACSR 6/1	0	0	1389	316	3	0	0	0.00	1.00	0
22450012+	22450031	4.80	2 1-	2 ACSR 6/1	0	0	1528	322	7	0	0	0.00	0.75	0
22450013+	22450012	4.86	1 1-	2 ACSR 6/1	0	0	1511	321	3	0	0	0.00	0.75	0
22440019+	22340006	4.19	1 1-	2 ACSR 6/1	0	0	1710	328	15	1	1	0.00	0.61	0
22440001+	22440019	4.25	0 1-	2 ACSR 6/1	0	0	1689	327	0	0	0	0.00	0.61	0
22340005+	22340018	4.09	1 1-	2 ACSR 6/1	0	0	1740	329	5	0	0	0.00	0.65	0
22340023+	22340007	3.82	4 1-	2 ACSR 6/1	0	0	1842	332	30	2	1	0.00	0.53	0
22340016+	22340023	3.85	2 1-	2 ACSR 6/1	0	0	1827	331	19	1	1	0.00	0.53	0
22340019+	22340007	3.87	1 1-	2 ACSR 6/1	0	0	1819	331	2	0	0	0.00	0.53	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22440003+	CAP169	3.17	1 1-	2 ACSR 6/1	0	0	2113	337	3	0	0	0.00	0.32	0
20850934+	20850742	2.74	30 3-	2 ACSR 6/1	2661	2515	2358	342	153	3	2	0.00	0.39	0
20850935+	20850934	2.75	27 3-	2 ACSR 6/1	2655	2508	2351	342	121	2	2	0.00	0.39	0
D22-43-P030+	20850935	2.75	27 1-	REC-50-E	0	0	2351	342	121	8	16	0.00	0.60	0
22430030+	D22-43-P030	2.81	27 1-	2 ACSR 6/1	0	0	2310	341	121	8	5	0.01	0.61	0
D22-43-P031+	22430030	2.81	21 1-	FUS	0	0	2310	341	87	5	134	0.00	0.61	0
22430012+	D22-43-P031	2.89	21 1-	2 ACSR 6/1	0	0	2256	340	87	5	3	0.01	0.61	0
22430013+	22430012	2.99	20 1-	2 ACSR 6/1	0	0	2192	339	82	5	3	0.01	0.62	0
22430014+	22430013	3.07	19 1-	2 ACSR 6/1	0	0	2147	337	81	5	3	0.01	0.63	0
22430015+	22430014	3.15	17 1-	2 ACSR 6/1	0	0	2100	336	79	5	3	0.01	0.63	0
20851103+	22430015	3.24	15 1-	2 ACSR 6/1	0	0	2052	335	77	5	3	0.01	0.64	0
20851104+	20851103	3.29	14 1-	2 ACSR 6/1	0	0	2024	334	74	4	3	0.00	0.64	0
20851115+	20851104	3.38	13 1-	2 ACSR 6/1	0	0	1974	333	68	4	3	0.01	0.65	0
20850937+	20851115	3.86	12 1-	2 ACSR 6/1	0	0	1756	326	64	4	2	0.03	0.68	2
22430016+	20850937	3.90	1 1-	2 ACSR 6/1	0	0	1740	326	1	0	0	0.00	0.68	0
22430011+	20850937	3.97	11 1-	2 ACSR 6/1	0	0	1709	325	63	4	2	0.01	0.69	0
22420004+	22430011	4.05	1 1-	2 ACSR 6/1	0	0	1679	324	7	0	0	0.00	0.69	0
22420001+	22430011	4.03	10 1-	2 ACSR 6/1	0	0	1686	324	56	3	2	0.00	0.69	0
22420005+	22420001	4.07	8 1-	2 ACSR 6/1	0	0	1673	324	48	3	2	0.00	0.69	0
22420006+	22420005	4.11	6 1-	2 ACSR 6/1	0	0	1655	323	30	2	1	0.00	0.70	0
22420007+	22420006	4.16	5 1-	2 ACSR 6/1	0	0	1637	322	22	1	1	0.00	0.70	0
22420008+	22420007	4.19	4 1-	2 ACSR 6/1	0	0	1625	322	15	1	1	0.00	0.70	0
22420009+	22420008	4.24	2 1-	2 ACSR 6/1	0	0	1607	321	9	0	0	0.00	0.70	0
22420003+	22420009	4.26	2 1-	2 ACSR 6/1	0	0	1602	321	9	0	0	0.00	0.70	0
22420010+	22420003	4.36	1 1-	2 ACSR 6/1	0	0	1567	320	5	0	0	0.00	0.70	0
22420002+	22420009	4.34	0 1-	2 ACSR 6/1	0	0	1575	320	0	0	0	0.00	0.70	0
22430035+	22430030	2.89	5 1-	2 ACSR 6/1	0	0	2260	340	32	2	1	0.00	0.61	0
22430038+	22430035	2.96	1 1-	2 ACSR 6/1	0	0	2212	339	4	0	0	0.00	0.61	0
22430037+	22430035	2.97	1 1-	2 ACSR 6/1	0	0	2206	339	6	0	0	0.00	0.61	0
22430036+	22430035	2.94	2 1-	2 ACSR 6/1	0	0	2224	339	8	0	0	0.00	0.61	0
22430021+	22430036	2.96	1 1-	2 ACSR 6/1	0	0	2214	339	4	0	0	0.00	0.61	0
22430042+	22430036	3.00	1 1-	2 ACSR 6/1	0	0	2188	338	5	0	0	0.00	0.61	0
20850933+	20850742	2.77	6 3-	336 ACSR 18/1	2659	2513	2354	343	11	0	0	0.00	0.39	0
20851123+	20850933	2.85	5 3-	336 ACSR 18/1	2633	2486	2320	342	10	0	0	0.00	0.39	0
22430047+	20851123	3.05	5 3-	336 ACSR 18/1	2569	2419	2241	341	10	0	0	0.00	0.39	0
22430048+	22430047	3.26	5 3-	336 ACSR 18/1	2503	2351	2162	340	10	0	0	0.00	0.39	0
22540047+	22430048	3.28	4 1-	2 ACSR 6/1	0	0	2153	340	8	0	0	0.00	0.59	0
22540048+	22540047	3.31	2 1-	2 ACSR 6/1	0	0	2135	340	2	0	0	0.00	0.59	0
22540035+	22430048	3.44	1 3-	336 ACSR 18/1	2452	2299	2101	340	1	0	0	0.00	0.39	0
22540039+	22540035	3.57	0 3-	336 ACSR 18/1	2413	2259	2055	339	0	0	0	0.00	0.39	0
22330013+	22330011	1.43	219 3-	1/0 ACSR 6/1	3195	3095	3091	348	1075	24	11	0.00	0.25	2
D22-33-P024+	22330013	1.43	219 3-	REC-100-E	3195	3095	3091	348	1075	24	24	0.00	0.25	0
22330029+	D22-33-P024	1.61	219 3-	1/0 ACSR 6/1	3072	2964	2927	347	1075	24	11	0.03	0.28	28
22330047+	22330029	1.65	218 3-	1/0 ACSR 6/1	3041	2931	2886	346	1048	23	10	0.01	0.29	7
22330049+	22330047	1.69	1 1-	2 ACSR 6/1	0	0	2841	346	10	0	0	0.00	0.23	0
22330050+	22330049	1.71	1 1-	25 KV 1/0 URD X	0	0	2829	841	10	0	0	0.00	0.23	0
22330048+	22330047	1.74	217 3-	1/0 ACSR 6/1	2980	2866	2807	345	1038	23	10	0.02	0.31	14
22330034+	22330048	1.82	216 3-	1/0 ACSR 6/1	2929	2812	2742	344	1036	23	10	0.01	0.32	12
22330035+	22330034	1.91	2 1-	2 ACSR 6/1	0	0	2664	343	7	0	0	0.00	0.28	0
22330010+	22330034	1.89	214 3-	1/0 ACSR 6/1	2882	2762	2682	344	1029	23	10	0.01	0.34	12
22340013+	22330010	1.95	213 3-	1/0 ACSR 6/1	2845	2723	2636	343	1023	23	10	0.01	0.35	9
22340014+	22340013	2.04	212 3-	1/0 ACSR 6/1	2796	2671	2576	342	1017	22	10	0.01	0.37	12

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
22340015+	22340014	2.08	210 3-	1/0 ACSR 6/1	2767	2641	2541	342	1009	22	10	0.01	0.38	7
D22-24-P045+	22340015	2.08	4 1-	FUS	0	0	2541	342	13	0	19	0.00	0.31	0
22240049+	D22-24-P045	2.13	4 1-	2 ACSR 6/1	0	0	2507	341	13	0	0	0.00	0.31	0
22240016+	22240049	2.27	2 1-	2 ACSR 6/1	0	0	2396	339	11	0	0	0.00	0.31	0
22240054+	22240016	2.36	1 1-	2 ACSR 6/1	0	0	2332	338	2	0	0	0.00	0.31	0
22240055+	22240054	2.54	1 1-	2 ACSR 6/1	0	0	2210	335	2	0	0	0.00	0.31	0
22240056+	22240055	2.61	0 1-	2 ACSR 6/1	0	0	2166	334	0	0	0	0.00	0.31	0
22240053+	22240056	2.72	0 1-	2 ACSR 6/1	0	0	2096	333	0	0	0	0.00	0.31	0
22240017+	22240016	2.38	1 1-	2 ACSR 6/1	0	0	2318	338	9	0	0	0.00	0.31	0
22240032+	22340015	2.14	206 3-	1/0 ACSR 6/1	2737	2609	2503	341	996	22	10	0.01	0.39	8
22240033+	22240032	2.22	204 3-	1/0 ACSR 6/1	2689	2559	2446	340	989	22	10	0.01	0.40	12
22240018+	22240033	2.28	1 1-	2 ACSR 6/1	0	0	2405	340	3	0	0	0.00	0.37	0
22240008+	22240033	2.29	203 3-	1/0 ACSR 6/1	2654	2521	2404	340	986	22	10	0.01	0.41	9
22240035+	22240008	2.35	1 1-	2 ACSR 6/1	0	0	2358	339	0	0	0	0.00	0.39	0
22240020+	22240008	2.31	3 1-	2 ACSR 6/1	0	0	2387	339	9	0	0	0.00	0.34	0
22240034+	22240020	2.37	2 1-	2 ACSR 6/1	0	0	2344	339	3	0	0	0.00	0.34	0
22240019+	22240008	2.32	1 1-	2 ACSR 6/1	0	0	2384	339	3	0	0	0.00	0.34	0
22240009+	22240008	2.36	198 3-	1/0 ACSR 6/1	2617	2483	2361	339	973	21	10	0.01	0.43	10
22240021+	22240009	2.41	1 1-	2 ACSR 6/1	0	0	2322	338	8	0	0	0.00	0.35	0
22240010+	22240009	2.42	197 3-	1/0 ACSR 6/1	2585	2450	2324	338	965	21	9	0.01	0.44	9
22240036+	22240010	2.46	2 1-	2 ACSR 6/1	0	0	2292	338	8	0	0	0.00	0.36	0
22240022+	22240010	2.49	195 3-	1/0 ACSR 6/1	2550	2413	2284	338	957	21	9	0.01	0.45	9
22240023+	22240022	2.57	1 1-	2 ACSR 6/1	0	0	2229	337	2	0	0	0.00	0.36	0
22240014+	22240022	2.58	193 3-	1/0 ACSR 6/1	2503	2364	2229	337	952	21	9	0.01	0.47	13
22240024+	22240014	2.65	191 3-	1/0 ACSR 6/1	2472	2332	2194	336	941	21	9	0.01	0.48	8
22240025+	22240024	2.71	190 3-	1/0 ACSR 6/1	2442	2301	2161	336	939	21	9	0.01	0.49	8
22240037+	22240025	2.74	187 3-	1/0 ACSR 6/1	2426	2285	2143	335	932	21	9	0.00	0.50	5
22240041+	22240037	2.83	171 3-	1/0 ACSR 6/1	2386	2243	2098	334	868	19	9	0.01	0.51	11
22240050+	22240041	2.91	169 3-	1/0 ACSR 6/1	2352	2209	2061	334	860	19	8	0.01	0.53	9
22240002+	22240050	2.98	2 3-	2 ACSR 6/1	2318	2173	2024	333	161	3	2	0.00	0.53	0
22240210+	22240002	2.98	2 3-	Consumer	2318	2173	2024	333	161	3	0	0.00	0.53	0
22240052+	22240050	2.98	1 1-	2 ACSR 6/1	0	0	2024	333	0	0	0	0.00	0.42	0
22240051+	22240050	3.00	166 3-	1/0 ACSR 6/1	2315	2171	2021	333	698	15	7	0.01	0.54	7
22240026+	22240051	3.04	165 3-	1/0 ACSR 6/1	2295	2150	1999	332	694	15	7	0.00	0.54	4
22240042+	22240026	3.09	165 3-	1/0 ACSR 6/1	2278	2132	1980	332	694	15	7	0.00	0.55	3
22240043+	22240042	3.24	164 3-	1/0 ACSR 6/1	2216	2069	1913	330	692	15	7	0.01	0.57	12
22240044+	22240043	3.30	2 1-	2 ACSR 6/1	0	0	1887	330	7	0	0	0.00	0.44	0
22240027+	22240043	3.32	4 1-	2 ACSR 6/1	0	0	1877	329	14	0	1	0.00	0.61	0
22240028+	22240027	3.36	1 1-	2 ACSR 6/1	0	0	1857	329	7	0	0	0.00	0.61	0
22240011+	22240043	3.32	158 3-	1/0 ACSR 6/1	2187	2040	1883	330	671	15	7	0.01	0.58	5
22240057+	22240011	3.49	157 3-	1/0 ACSR 6/1	2123	1976	1816	328	661	14	6	0.01	0.60	12
22140016+	22240057	3.57	157 3-	1/0 ACSR 6/1	2094	1946	1786	327	661	14	6	0.01	0.61	6
22140019+	22140016	3.62	12 1-	2 ACSR 6/1	0	0	1766	327	34	2	1	0.00	0.68	0
22140020+	22140019	3.78	12 1-	2 ACSR 6/1	0	0	1700	324	34	2	1	0.01	0.69	0
22150028+	22140020	3.86	7 1-	2 ACSR 6/1	0	0	1668	323	26	1	1	0.00	0.69	0
22150029+	22150028	3.94	2 1-	2 ACSR 6/1	0	0	1639	322	8	0	0	0.00	0.69	0
22150026+	22140020	3.84	3 1-	2 ACSR 6/1	0	0	1677	324	5	0	0	0.00	0.69	0
22140017+	22140016	3.63	145 3-	1/0 ACSR 6/1	2074	1926	1765	327	628	14	6	0.00	0.62	3
22140018+	22140017	3.67	145 3-	1/0 ACSR 6/1	2058	1910	1749	326	627	14	6	0.00	0.63	3
22-14-P011-B+	22140018	3.67	145 3-	Closed	2058	1910	1749	326	627	14	0	0.00	0.63	0
22-14-P011-A+	22-14-P011-B	3.67	145 3-	Closed	2058	1910	1749	326	627	14	0	0.00	0.63	0
22140010+	22-14-P011-A	4.08	145 3-	1/0 ACSR 6/1	1929	1782	1619	322	627	14	6	0.03	0.67	24

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22150027+	22140010	4.15	142 3-	1/0 ACSR 6/1	1906	1759	1596	322	621	13	6	0.01	0.68	5
22150015+	22150027	4.24	141 3-	1/0 ACSR 6/1	1882	1735	1572	321	617	13	6	0.01	0.69	5
22150014+	22150015	4.33	139 3-	1/0 ACSR 6/1	1857	1710	1547	320	615	13	6	0.01	0.70	5
22150024+	22150014	4.37	3 1-	2 ACSR 6/1	0	0	1532	320	6	0	0	0.00	0.53	0
22150025+	22150024	4.43	2 1-	2 ACSR 6/1	0	0	1513	319	3	0	0	0.00	0.53	0
22150012+	22150014	4.38	136 3-	1/0 ACSR 6/1	1841	1694	1531	320	609	13	6	0.00	0.71	3
22150023+	22150012	4.42	0 1-	2 ACSR 6/1	0	0	1518	319	0	0	0	0.00	0.54	0
22150022+	22150012	4.43	136 3-	1/0 ACSR 6/1	1828	1682	1519	319	609	13	6	0.00	0.72	3
22150021+	22150022	4.53	132 3-	1/0 ACSR 6/1	1800	1654	1492	318	599	13	6	0.01	0.73	6
22150016+	22150021	4.58	127 3-	1/0 ACSR 6/1	1787	1642	1479	318	586	13	6	0.00	0.73	3
22150019+	22150016	4.77	126 3-	1/0 ACSR 6/1	1739	1594	1433	316	583	13	6	0.02	0.75	10
22050003+	22150019	4.87	125 3-	1/0 ACSR 6/1	1715	1570	1410	315	581	13	6	0.01	0.77	5
22050005+	22050003	4.95	125 3-	1/0 ACSR 6/1	1695	1552	1391	314	581	13	6	0.01	0.77	4
22050006+	22050005	5.07	125 3-	1/0 ACSR 6/1	1669	1526	1366	313	581	13	6	0.01	0.79	6
22050004+	22050006	5.23	125 3-	1/0 ACSR 6/1	1634	1492	1333	312	581	13	6	0.01	0.80	8
16950007+	22050004	5.28	125 3-	1/0 ACSR 6/1	1622	1480	1322	311	581	13	6	0.00	0.81	3
16950008+	16950007	5.37	125 3-	1/0 ACSR 6/1	1604	1462	1305	311	581	13	6	0.01	0.82	4
16950004+	16950008	5.51	123 3-	1/0 ACSR 6/1	1574	1433	1277	309	573	12	6	0.01	0.84	7
16950006+	16950004	5.56	121 3-	1/0 ACSR 6/1	1563	1423	1268	309	565	12	6	0.00	0.84	3
16950005+	16950006	5.60	120 3-	1/0 ACSR 6/1	1555	1415	1260	309	562	12	6	0.00	0.85	2
16950002+	16950005	5.74	119 3-	1/0 ACSR 6/1	1527	1389	1234	307	559	12	5	0.01	0.86	7
16850041+	16950002	5.85	1 1-	2 ACSR 6/1	0	0	1212	306	2	0	0	0.00	1.06	0
16850029+	16950002	5.77	116 3-	1/0 ACSR 6/1	1521	1383	1229	307	549	12	5	0.00	0.86	1
20852199+	16850029	5.78	115 3-	1/0 ACSR 6/1	1520	1381	1228	307	548	12	5	0.00	0.87	0
D16-85-P001+	20852199	5.78	115 3-	REC-70-E	1520	1381	1228	307	548	12	18	0.00	0.87	0
16850013+	D16-85-P001	6.02	115 3-	1/0 ACSR 6/1	1477	1340	1188	305	548	12	5	0.02	0.89	11
16850036+	16850013	6.04	3 1-	2 ACSR 6/1	0	0	1184	305	4	0	0	0.00	0.66	0
16850037+	16850036	6.07	1 1-	2 ACSR 6/1	0	0	1177	304	1	0	0	0.00	0.66	0
16850038+	16850013	6.09	109 3-	1/0 ACSR 6/1	1463	1327	1176	304	535	12	5	0.01	0.90	3
16850039+	16850038	6.20	4 1-	2 ACSR 6/1	0	0	1155	303	7	0	0	0.00	1.12	0
16850040+	16850039	6.31	3 1-	2 ACSR 6/1	0	0	1136	302	5	0	0	0.00	1.12	0
16850022+	16850040	6.62	2 1-	2 ACSR 6/1	0	0	1082	298	4	0	0	0.00	1.12	0
16950003+	16850022	6.65	2 1-	2 ACSR 6/1	0	0	1077	298	4	0	0	0.00	1.12	0
16950001+	16950003	6.69	1 1-	2 ACSR 6/1	0	0	1070	297	2	0	0	0.00	1.12	0
16850035+	16850038	6.27	104 3-	1/0 ACSR 6/1	1432	1297	1148	303	526	11	5	0.01	0.92	8
16850012+	16850035	6.52	100 3-	1/0 ACSR 6/1	1391	1259	1112	301	509	11	5	0.02	0.94	10
D16-85-P008+	16850012	6.52	16 1-	FUS	0	0	1112	301	55	3	84	0.00	1.19	0
16850026+	D16-85-P008	6.68	16 1-	2 ACSR 6/1	0	0	1083	299	55	3	2	0.01	1.20	0
16850027+	16850026	6.76	15 1-	2 ACSR 6/1	0	0	1072	298	53	3	2	0.00	1.20	0
16850031+	16850027	6.81	1 1-	2 ACSR 6/1	0	0	1063	297	2	0	0	0.00	1.20	0
16850028+	16850027	6.81	14 1-	2 ACSR 6/1	0	0	1062	297	51	3	2	0.00	1.20	0
20852221+	16850028	7.01	14 1-	2 ACSR 6/1	0	0	1032	295	51	3	2	0.01	1.21	0
20852222+	20852221	7.13	13 1-	2 ACSR 6/1	0	0	1014	293	49	3	2	0.01	1.22	0
20852223+	20852222	7.19	12 1-	2 ACSR 6/1	0	0	1006	293	47	3	2	0.00	1.22	0
20852225+	20852223	7.26	3 1-	2 ACSR 6/1	0	0	995	292	4	0	0	0.00	1.22	0
20852226+	20852225	7.32	1 1-	2 ACSR 6/1	0	0	988	291	2	0	0	0.00	1.22	0
20852224+	20852223	7.23	1 1-	2 ACSR 6/1	0	0	999	292	5	0	0	0.00	1.22	0
16860001+	20852223	7.30	8 1-	2 ACSR 6/1	0	0	990	291	38	2	1	0.00	1.23	0
16860002+	16860001	7.38	7 1-	2 ACSR 6/1	0	0	979	291	29	1	1	0.00	1.23	0
16860003+	16860002	7.48	6 1-	2 ACSR 6/1	0	0	966	289	29	1	1	0.00	1.23	0
20852228+	16860003	7.52	4 1-	2 ACSR 6/1	0	0	961	289	20	1	1	0.00	1.23	0
16860005+	20852228	7.56	3 1-	2 ACSR 6/1	0	0	955	288	12	0	0	0.00	1.23	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852229+	16860005	7.62	0 1-	2 ACSR 6/1	0	0	947	288	0	0	0	0.00	1.23	0
20852227+	16860003	7.53	1 1-	2 ACSR 6/1	0	0	958	289	9	0	0	0.00	1.23	0
16850025+	16850012	6.59	84 3-	1/0 ACSR 6/1	1380	1248	1102	300	454	10	4	0.01	0.95	2
16850024+	16850025	6.61	84 3-	1/0 ACSR 6/1	1377	1245	1099	300	454	10	4	0.00	0.95	0
20852156+	16850024	6.64	0 1-	2 ACSR 6/1	0	0	1094	300	0	0	0	0.00	0.71	0
16850023+	16850024	6.71	1 1-	2 ACSR 6/1	0	0	1082	299	2	0	0	0.00	1.20	0
16850009+	16850024	6.77	83 3-	1/0 ACSR 6/1	1351	1221	1076	298	452	10	4	0.01	0.96	5
16850019+	16850009	6.80	5 1-	2 ACSR 6/1	0	0	1071	298	9	0	0	0.00	0.72	0
16850021+	16850019	6.96	3 1-	2 ACSR 6/1	0	0	1047	296	4	0	0	0.00	0.72	0
16750024+	16850021	7.02	1 1-	2 ACSR 6/1	0	0	1037	296	0	0	0	0.00	0.72	0
16850020+	16850019	6.83	1 1-	2 ACSR 6/1	0	0	1067	298	4	0	0	0.00	0.72	0
16850011+	16850009	6.88	78 3-	1/0 ACSR 6/1	1335	1205	1061	298	443	10	4	0.01	0.97	3
16750018+	16850011	6.99	78 3-	1/0 ACSR 6/1	1319	1190	1047	297	443	10	4	0.01	0.98	3
20851112+	16750018	7.08	50 3-	1/0 ACSR 6/1	1307	1179	1037	296	232	5	2	0.00	0.99	0
20851111+	20851112	7.16	45 3-	1/0 ACSR 6/1	1295	1168	1027	295	224	5	2	0.00	0.99	0
20850705+	20851111	7.22	2 1-	2 ACSR 6/1	0	0	1018	295	3	0	0	0.00	1.26	0
20850594+	20851111	7.23	43 3-	1/0 ACSR 6/1	1285	1158	1017	295	221	4	2	0.00	0.99	0
20850704+	20850594	7.31	1 1-	2 ACSR 6/1	0	0	1007	294	9	0	0	0.00	1.27	0
20850652+	20850594	7.32	31 3-	1/0 ACSR 6/1	1273	1147	1007	294	176	3	2	0.00	0.99	0
20850499+	20850652	7.41	10 1-	2 ACSR 6/1	0	0	995	293	46	3	2	0.00	1.27	0
20850500+	20850499	7.45	8 1-	2 ACSR 6/1	0	0	988	292	36	2	1	0.00	1.28	0
20850501+	20850500	7.48	3 1-	2 ACSR 6/1	0	0	985	292	6	0	0	0.00	1.28	0
20850648+	20850500	7.53	5 1-	2 ACSR 6/1	0	0	978	292	30	1	1	0.00	1.28	0
20850700+	20850648	7.58	4 1-	2 ACSR 6/1	0	0	971	291	23	1	1	0.00	1.28	0
20850702+	20850700	7.62	2 1-	2 ACSR 6/1	0	0	966	290	12	0	0	0.00	1.28	0
20850649+	20850702	7.64	1 1-	2 ACSR 6/1	0	0	963	290	6	0	0	0.00	1.28	0
20850650+	20850649	7.78	1 1-	2 ACSR 6/1	0	0	945	289	6	0	0	0.00	1.28	0
20850703+	20850650	7.84	1 1-	2 ACSR 6/1	0	0	938	288	6	0	0	0.00	1.28	0
20850651+	20850650	7.89	0 1-	2 ACSR 6/1	0	0	931	287	0	0	0	0.00	1.28	0
20850701+	20850700	7.64	1 1-	2 ACSR 6/1	0	0	964	290	0	0	0	0.00	1.28	0
20850508+	20850652	7.39	20 3-	1/0 ACSR 6/1	1264	1138	999	293	129	2	1	0.00	1.00	0
20850506+	20850508	7.48	16 3-	1/0 ACSR 6/1	1252	1127	988	293	115	2	1	0.00	1.00	0
20850502+	20850506	7.53	9 3-	1/0 ACSR 6/1	1245	1120	982	292	59	1	1	0.00	1.00	0
20850317+	20850502	7.64	1 3-	1/0 ACSR 6/1	1231	1108	971	291	11	0	0	0.00	1.00	0
20850316+	20850317	7.71	0 3-	1/0 ACSR 6/1	1222	1099	963	291	0	0	0	0.00	1.00	0
16-75-P071-B+	20850316	7.71	0 3-	Open	1222	1099	963	291	0	0	0	0.00	1.00	0
20850318+	20850502	7.58	8 1-	2 ACSR 6/1	0	0	976	292	49	3	2	0.00	1.28	0
20850319+	20850318	7.62	6 1-	2 ACSR 6/1	0	0	971	291	44	2	2	0.00	1.28	0
16750025+	20850319	7.64	3 1-	2 ACSR 6/1	0	0	968	291	25	1	1	0.00	1.28	0
16750026+	16750025	7.75	2 1-	2 ACSR 6/1	0	0	954	290	19	1	1	0.00	1.29	0
20850263+	16750026	7.90	1 1-	2 ACSR 6/1	0	0	935	288	9	0	0	0.00	1.29	0
20850322+	16750026	7.79	1 1-	2 ACSR 6/1	0	0	948	289	9	0	0	0.00	1.29	0
20850323+	20850319	7.66	1 1-	2 ACSR 6/1	0	0	965	291	10	0	0	0.00	1.28	0
20850320+	20850319	7.67	2 1-	2 ACSR 6/1	0	0	964	291	8	0	0	0.00	1.28	0
20850321+	20850320	7.74	1 1-	2 ACSR 6/1	0	0	955	290	7	0	0	0.00	1.28	0
20850312+	20850506	7.53	6 1-	2 ACSR 6/1	0	0	981	292	55	3	2	0.00	0.75	0
20850503+	20850312	7.69	3 1-	2 ACSR 6/1	0	0	961	290	23	1	1	0.00	0.75	0
20850505+	20850503	7.73	2 1-	2 ACSR 6/1	0	0	955	290	22	1	1	0.00	0.75	0
20850387+	20850505	7.77	1 1-	2 ACSR 6/1	0	0	950	289	12	0	0	0.00	0.75	0
20850438+	20850312	7.61	3 1-	2 ACSR 6/1	0	0	971	291	32	2	1	0.00	0.75	0
20850439+	20850438	7.73	1 1-	2 ACSR 6/1	0	0	956	290	15	1	1	0.00	0.75	0
20850440+	20850439	7.91	0 1-	2 ACSR 6/1	0	0	933	288	0	0	0	0.00	0.75	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850507+	20850508	7.44	3 1-	2 ACSR 6/1	0	0	992	293	8	0	0	0.00	1.27	0
20850512+	20850507	7.47	2 1-	2 ACSR 6/1	0	0	987	292	5	0	0	0.00	1.27	0
20850498+	20850512	7.50	1 1-	2 ACSR 6/1	0	0	984	292	2	0	0	0.00	1.27	0
20850511+	20850512	7.51	1 1-	2 ACSR 6/1	0	0	983	292	3	0	0	0.00	1.27	0
20850544+	20850594	7.45	9 1-	2 ACSR 6/1	0	0	987	292	29	1	1	0.01	0.75	0
20850545+	20850544	7.55	7 1-	2 ACSR 6/1	0	0	972	291	26	1	1	0.00	0.75	0
20850706+	20850545	7.72	7 1-	2 ACSR 6/1	0	0	951	289	26	1	1	0.00	0.75	0
20851114+	20850706	7.84	3 1-	2 ACSR 6/1	0	0	936	288	14	0	1	0.00	0.76	0
16750020+	20851114	7.92	2 1-	2 ACSR 6/1	0	0	926	287	4	0	0	0.00	0.76	0
20850707+	20850706	7.76	1 1-	2 ACSR 6/1	0	0	945	289	4	0	0	0.00	0.75	0
20851113+	20850707	7.82	0 1-	2 ACSR 6/1	0	0	938	288	0	0	0	0.00	0.75	0
20850943+	16750018	7.02	28 3-	1/0 ACSR 6/1	1314	1186	1043	296	211	4	2	0.00	0.98	0
20850944+	20850943	7.14	27 3-	1/0 ACSR 6/1	1298	1170	1029	295	208	4	2	0.00	0.99	0
20850945+	20850944	7.24	27 3-	1/0 ACSR 6/1	1284	1157	1017	295	208	4	2	0.00	0.99	0
20850946+	20850945	7.29	26 3-	1/0 ACSR 6/1	1277	1151	1011	294	200	4	2	0.00	0.99	0
20851272+	20850946	7.34	1 1-	2 ACSR 6/1	0	0	1003	294	7	0	0	0.00	1.26	0
20851273+	20851272	7.41	1 1-	2 ACSR 6/1	0	0	994	293	7	0	0	0.00	1.26	0
16760004+	20850946	7.35	25 3-	1/0 ACSR 6/1	1270	1143	1004	294	193	4	2	0.00	1.00	0
16760006+	16760004	7.42	23 3-	1/0 ACSR 6/1	1260	1134	995	293	181	4	2	0.00	1.00	0
16760008+	16760006	7.48	1 1-	2 ACSR 6/1	0	0	987	292	3	0	0	0.00	0.75	0
16760007+	16760006	7.48	22 3-	1/0 ACSR 6/1	1252	1127	988	293	178	4	2	0.00	1.00	0
20851270+	16760007	7.83	0 1-	2 ACSR 6/1	0	0	943	289	0	0	0	0.00	0.75	0
16760003+	16760007	7.59	22 3-	1/0 ACSR 6/1	1237	1113	976	292	178	4	2	0.00	1.01	0
16760009+	16760003	7.78	8 3-	1/0 ACSR 6/1	1214	1091	956	290	133	3	1	0.01	1.01	0
16760010+	16760009	7.87	7 3-	1/0 ACSR 6/1	1203	1080	946	289	133	3	1	0.00	1.01	0
16760011+	16760010	8.23	5 3-	1/0 ACSR 6/1	1160	1041	909	287	129	3	1	0.01	1.02	0
16760015+	16760011	8.38	5 3-	1/0 ACSR 6/1	1144	1026	896	285	129	3	1	0.00	1.03	0
16760016+	16760015	8.56	5 3-	1/0 ACSR 6/1	1125	1008	879	284	129	3	1	0.01	1.03	0
16760012+	16760016	8.70	5 3-	1/0 ACSR 6/1	1110	993	866	283	129	3	1	0.00	1.04	0
16760013+	16760012	8.77	5 3-	1/0 ACSR 6/1	1103	987	861	282	129	3	1	0.00	1.04	0
16770007+	16760013	8.94	5 3-	1/0 ACSR 6/1	1085	971	846	281	129	3	1	0.01	1.04	0
20851306+	16770007	9.14	4 3-	1/0 ACSR 6/1	1066	953	829	279	127	2	1	0.01	1.05	0
16770006+	20851306	9.31	4 3-	1/0 ACSR 6/1	1050	938	816	278	127	2	1	0.01	1.05	0
20851274+	16770006	9.37	3 3-	1/0 ACSR 6/1	1045	933	812	278	15	0	0	0.00	1.05	0
16770008+	20851274	9.42	2 3-	1/0 ACSR 6/1	1041	929	808	277	9	0	0	0.00	1.05	0
16770011+	16770008	9.46	2 1-	2 ACSR 6/1	0	0	804	277	9	0	0	0.00	0.81	0
16770009+	16770011	9.74	2 1-	2 ACSR 6/1	0	0	779	274	9	0	0	0.00	0.82	0
20851507+	16770009	9.85	1 1-	2 ACSR 6/1	0	0	770	273	7	0	0	0.00	0.82	0
20851474+	16770009	9.81	1 1-	2 ACSR 6/1	0	0	773	273	2	0	0	0.00	0.82	0
16770004+	16770006	9.39	1 3-	1/0 ACSR 6/1	1043	932	810	278	112	2	1	0.00	1.05	0
16770005+	20851306	9.49	0 3-	1/0 ACSR 6/1	1034	923	803	277	0	0	0	0.00	1.05	0
20851305+	16760010	7.92	1 1-	2 ACSR 6/1	0	0	940	289	1	0	0	0.00	0.77	0
20851304+	16760010	7.98	1 1-	2 ACSR 6/1	0	0	933	288	3	0	0	0.00	1.27	0
20851307+	16760003	7.68	14 3-	1/0 ACSR 6/1	1226	1103	966	291	45	1	0	0.00	1.01	0
20851308+	20851307	7.75	10 3-	1/0 ACSR 6/1	1217	1094	958	290	37	0	0	0.00	1.01	0
20851309+	20851308	7.82	8 3-	1/0 ACSR 6/1	1209	1086	951	290	33	0	0	0.00	1.01	0
16760014+	20851309	7.87	7 3-	1/0 ACSR 6/1	1203	1081	946	289	19	0	0	0.00	1.01	0
16860004+	16760014	7.92	7 3-	1/0 ACSR 6/1	1197	1075	941	289	19	0	0	0.00	1.01	0
20852305+	16860004	7.97	4 1-	2 ACSR 6/1	0	0	935	288	9	0	0	0.00	1.00	0
20852307+	20852305	8.01	3 1-	2 ACSR 6/1	0	0	930	288	8	0	0	0.00	1.00	0
20852308+	20852307	8.11	1 1-	2 ACSR 6/1	0	0	918	287	3	0	0	0.00	1.00	0
20852306+	20852305	8.19	0 1-	2 ACSR 6/1	0	0	908	286	0	0	0	0.00	1.00	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851271+	20851309	7.87	1 3-	1/0 ACSR 6/1	1203	1081	946	289	14	0	0	0.00	1.01	0
20851269+	16760004	7.39	2 1-	2 ACSR 6/1	0	0	997	293	12	0	0	0.00	1.26	0
20851303+	20851269	7.46	1 1-	2 ACSR 6/1	0	0	988	292	4	0	0	0.00	1.26	0
16850010+	16850035	6.34	4 1-	2 ACSR 6/1	0	0	1135	302	17	1	1	0.00	0.68	0
16850044+	16850010	6.43	2 1-	2 ACSR 6/1	0	0	1120	301	6	0	0	0.00	0.68	0
16850045+	16850044	6.48	2 1-	2 ACSR 6/1	0	0	1110	300	6	0	0	0.00	0.68	0
16850034+	16850045	6.52	1 1-	2 ACSR 6/1	0	0	1105	300	4	0	0	0.00	0.69	0
16850033+	16850010	6.38	1 1-	2 ACSR 6/1	0	0	1129	301	9	0	0	0.00	0.68	0
16850032+	16850010	6.43	1 1-	2 ACSR 6/1	0	0	1119	301	2	0	0	0.00	0.68	0
16850030+	16850013	6.10	1 1-	2 ACSR 6/1	0	0	1172	304	2	0	0	0.00	0.66	0
16850014+	16850013	6.07	2 1-	2 ACSR 6/1	0	0	1178	304	7	0	0	0.00	1.11	0
22050002+	22050003	5.03	0 1-	2 ACSR 6/1	0	0	1368	313	0	0	0	0.00	0.91	0
22150017+	22150016	4.69	1 1-	2 ACSR 6/1	0	0	1447	316	3	0	0	0.00	0.86	0
22150009+	22150021	4.72	5 1-	2 ACSR 6/1	0	0	1436	316	13	0	0	0.00	0.85	0
D22-15-P048+	22150009	4.72	5 1-	FUS	0	0	1436	316	13	0	20	0.00	0.85	0
22150013+	D22-15-P048	4.80	5 1-	2 ACSR 6/1	0	0	1415	315	13	0	0	0.00	0.86	0
22150031+	22150013	4.86	3 1-	2 ACSR 6/1	0	0	1397	314	6	0	0	0.00	0.86	0
22150032+	22150031	4.94	3 1-	2 ACSR 6/1	0	0	1377	313	6	0	0	0.00	0.86	0
22150030+	22150032	5.12	3 1-	2 ACSR 6/1	0	0	1331	311	6	0	0	0.00	0.86	0
22150020+	22150030	5.22	3 1-	2 ACSR 6/1	0	0	1305	309	6	0	0	0.00	0.86	0
22150011+	22150020	5.47	3 1-	2 ACSR 6/1	0	0	1250	306	6	0	0	0.00	0.86	0
22160004+	22150011	5.62	2 1-	2 ACSR 6/1	0	0	1217	304	3	0	0	0.00	0.86	0
22160005+	22160004	5.78	1 1-	2 ACSR 6/1	0	0	1185	302	2	0	0	0.00	0.86	0
22160006+	22160005	5.90	1 1-	2 ACSR 6/1	0	0	1162	301	2	0	0	0.00	0.86	0
22160002+	22160005	5.95	0 1-	2 ACSR 6/1	0	0	1151	300	0	0	0	0.00	0.86	0
22160003+	22150011	5.56	1 1-	2 ACSR 6/1	0	0	1230	305	3	0	0	0.00	0.86	0
22150010+	22150020	5.28	0 1-	2 ACSR 6/1	0	0	1292	309	0	0	0	0.00	0.86	0
22150018+	22150013	4.85	1 1-	2 ACSR 6/1	0	0	1400	314	2	0	0	0.00	0.86	0
22240029+	22240011	3.37	1 1-	2 ACSR 6/1	0	0	1855	329	9	0	0	0.00	0.63	0
22240012+	22240011	3.38	0 1-	2 ACSR 6/1	0	0	1851	329	0	0	0	0.00	0.63	0
22240038+	22240037	2.83	15 1-	2 ACSR 6/1	0	0	2091	334	57	3	2	0.00	0.61	0
D22-24-P024+	22240038	2.83	14 1-	REC-35-E	0	0	2091	334	53	3	10	0.00	0.61	0
22240030+	D22-24-P024	2.87	14 1-	2 ACSR 6/1	0	0	2068	333	53	3	2	0.00	0.61	0
22240039+	22240030	2.96	0 1-	2 ACSR 6/1	0	0	2017	332	0	0	0	0.00	0.61	0
22240040+	22240039	3.08	0 1-	2 ACSR 6/1	0	0	1955	330	0	0	0	0.00	0.61	0
22240031+	22240030	3.08	14 1-	2 ACSR 6/1	0	0	1956	331	53	3	2	0.01	0.62	0
22240015+	22240031	3.15	14 1-	2 ACSR 6/1	0	0	1921	330	53	3	2	0.00	0.62	0
22240045+	22240015	3.24	1 1-	2 ACSR 6/1	0	0	1875	328	11	0	0	0.00	0.62	0
22240013+	22240015	3.34	13 1-	2 ACSR 6/1	0	0	1830	327	42	2	2	0.01	0.63	0
22250009+	22240013	3.42	13 1-	2 ACSR 6/1	0	0	1796	326	42	2	2	0.00	0.64	0
22250008+	22250009	3.43	1 1-	2 ACSR 6/1	0	0	1788	326	2	0	0	0.00	0.64	0
22250005+	22250009	3.48	12 1-	2 ACSR 6/1	0	0	1768	325	40	2	1	0.00	0.64	0
22250012+	22250005	3.52	9 1-	2 ACSR 6/1	0	0	1753	325	30	2	1	0.00	0.64	0
22250011+	22250012	3.55	2 1-	2 ACSR 6/1	0	0	1740	324	6	0	0	0.00	0.64	0
22250013+	22250012	3.68	6 1-	2 ACSR 6/1	0	0	1685	322	17	1	1	0.00	0.64	0
22250022+	22250013	3.78	3 1-	2 ACSR 6/1	0	0	1648	321	12	0	0	0.00	0.64	0
22250023+	22250022	3.82	3 1-	2 ACSR 6/1	0	0	1634	321	12	0	0	0.00	0.64	0
22250024+	22250023	3.92	3 1-	2 ACSR 6/1	0	0	1597	319	12	0	0	0.00	0.65	0
22250025+	22250024	3.97	3 1-	2 ACSR 6/1	0	0	1578	318	12	0	0	0.00	0.65	0
22250026+	22250025	4.02	3 1-	2 ACSR 6/1	0	0	1563	318	12	0	0	0.00	0.65	0
22250027+	22250026	4.32	3 1-	2 ACSR 6/1	0	0	1466	314	12	0	0	0.00	0.65	0
22250028+	22250027	4.39	2 1-	2 ACSR 6/1	0	0	1444	313	12	0	0	0.00	0.65	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22250029+	22250028	4.54	2 1-	2 ACSR 6/1	0	0	1402	311	12	0	0	0.00	0.65	0
22250006+	22250013	3.76	3 1-	2 ACSR 6/1	0	0	1655	321	5	0	0	0.00	0.64	0
22250007+	22250005	3.49	3 1-	2 ACSR 6/1	0	0	1762	325	10	0	0	0.00	0.64	0
22250010+	22250007	3.53	3 1-	2 ACSR 6/1	0	0	1746	324	10	0	0	0.00	0.64	0
22340012+	22330010	1.95	1 1-	2 ACSR 6/1	0	0	2632	343	5	0	0	0.00	0.27	0
22330033+	22330048	1.93	0 1-	2 ACSR 6/1	0	0	2631	342	0	0	0	0.00	0.25	0
22330009+	D22-33-P024	1.51	0 1-	2 ACSR 6/1	0	0	3007	347	0	0	0	0.00	0.18	0
22230052+	22230026	0.76	1 1-	2 ACSR 6/1	0	0	3634	351	5	0	0	0.00	0.09	0
CKT	2 total losses:		\$2,282											
SUB 85, CKT 3														
BK8503+	CARPENTER(85)	0.00	952 3-	BK8503	4080	4191	4655	355	3934	86	43	0.00	0.00	0
22230022+	BK8503	0.03	952 3-	4/0 ACSR 6/1	4047	4150	4590	354	3934	86	26	0.01	0.01	38
22230023+	22230022	0.05	0 3-	4/0 ACSR 6/1	4032	4130	4558	354	0	0	0	0.00	0.01	0
22230031+	22230022	0.09	952 3-	4/0 ACSR 6/1	3996	4085	4487	354	3933	86	26	0.01	0.03	61
22230037+	22230031	0.24	949 3-	4/0 ACSR 6/1	3856	3911	4218	353	3927	86	25	0.04	0.08	172
22230038+	22230037	0.31	947 3-	4/0 ACSR 6/1	3801	3844	4116	353	3910	86	25	0.02	0.11	70
22130025+	22230038	0.37	947 3-	4/0 ACSR 6/1	3749	3780	4022	352	3910	86	25	0.02	0.13	68
22120054+	22130025	0.43	946 3-	4/0 ACSR 6/1	3699	3718	3931	352	3909	86	25	0.02	0.15	69
22120055+	22120054	0.50	944 3-	4/0 ACSR 6/1	3643	3651	3832	351	3905	86	25	0.02	0.17	78
22120040+	22120055	0.53	1 1-	2 ACSR 6/1	0	0	3780	351	3	0	0	0.00	0.13	0
22120047+	22120055	0.55	943 3-	4/0 ACSR 6/1	3605	3605	3767	351	3901	86	25	0.01	0.19	54
22120044+	22120047	0.65	1 1-	2 ACSR 6/1	0	0	3600	350	8	0	0	0.00	0.29	0
22120046+	22120047	0.63	942 3-	4/0 ACSR 6/1	3545	3533	3665	351	3892	86	25	0.02	0.22	87
22120019+	22120046	0.82	942 3-	4/0 ACSR 6/1	3410	3374	3444	349	3891	86	25	0.05	0.28	207
22120039+	22120019	1.03	941 3-	4/0 ACSR 6/1	3269	3211	3223	348	3886	85	25	0.05	0.35	232
22120025+	22120039	1.09	939 3-	4/0 ACSR 6/1	3233	3169	3168	348	3871	85	25	0.01	0.37	63
22120026+	22120025	1.16	938 3-	4/0 ACSR 6/1	3190	3120	3102	347	3867	85	25	0.02	0.39	77
22120027+	22120026	1.22	936 3-	4/0 ACSR 6/1	3154	3080	3050	347	3855	85	25	0.01	0.41	64
D22-12-P102+	22120027	1.22	7 1-	FUS	0	0	3050	347	35	2	53	0.00	0.31	0
22120022+	D22-12-P102	1.26	7 1-	2 ACSR 6/1	0	0	3002	346	35	2	1	0.00	0.31	0
22120045+	22120022	1.42	7 1-	2 ACSR 6/1	0	0	2828	344	35	2	1	0.01	0.31	0
22120033+	22120045	1.47	2 1-	2 ACSR 6/1	0	0	2783	343	10	0	0	0.00	0.31	0
22120034+	22120033	1.58	1 1-	2 ACSR 6/1	0	0	2676	342	3	0	0	0.00	0.31	0
22120032+	22120045	1.47	1 1-	2 ACSR 6/1	0	0	2783	343	10	0	0	0.00	0.31	0
22120031+	22120045	1.57	3 1-	2 ACSR 6/1	0	0	2684	342	13	0	0	0.00	0.32	0
22120035+	22120031	1.74	2 1-	2 ACSR 6/1	0	0	2535	339	11	0	0	0.00	0.32	0
22120036+	22120035	1.82	1 1-	2 ACSR 6/1	0	0	2469	338	7	0	0	0.00	0.32	0
22120053+	22120031	2.16	1 1-	2 ACSR 6/1	0	0	2217	333	2	0	0	0.00	0.32	0
22020012+	22120053	2.38	0 1-	2 ACSR 6/1	0	0	2079	330	0	0	0	0.00	0.32	0
22120030+	22120022	1.38	0 1-	2 ACSR 6/1	0	0	2877	345	0	0	0	0.00	0.31	0
22120028+	22120027	1.25	2 1-	2 ACSR 6/1	0	0	3008	346	10	0	0	0.00	0.31	0
22120029+	22120028	1.59	1 1-	2 ACSR 6/1	0	0	2672	341	8	0	0	0.00	0.31	0
22120020+	22120027	1.51	927 3-	4/0 ACSR 6/1	2991	2897	2816	345	3810	84	25	0.07	0.51	309
C22-12-P90+	22120020	1.51	0 3-	Capacitor	2991	2897	2816	345	0	-7	0	0.00	0.51	0
22120021+	22120020	2.08	927 3-	4/0 ACSR 6/1	2712	2593	2442	341	3807	84	25	0.16	0.73	620
D21-09-P045+	22120021	2.08	14 1-	FUS	0	0	2442	341	67	4	103	0.00	1.11	0
21090007+	D21-09-P045	2.11	14 1-	2 ACSR 6/1	0	0	2419	341	67	4	3	0.00	1.11	0
21090008+	21090007	2.16	12 1-	2 ACSR 6/1	0	0	2386	340	48	3	2	0.00	1.11	0
21090009+	21090008	2.18	11 1-	2 ACSR 6/1	0	0	2367	340	41	2	2	0.00	1.11	0
21090011+	21090009	2.23	4 1-	2 ACSR 6/1	0	0	2337	339	17	1	1	0.00	1.11	0
21090023+	21090011	2.43	2 1-	2 ACSR 6/1	0	0	2204	336	11	0	0	0.00	1.12	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
22020013+	21090023	2.50	1 1-	2 ACSR 6/1	0	0	2155	335	8	0	0	0.00	1.12	0
22020008+	22020013	2.60	1 1-	2 ACSR 6/1	0	0	2099	334	8	0	0	0.00	1.12	0
22020010+	22020008	2.68	1 1-	2 ACSR 6/1	0	0	2054	333	0	0	0	0.00	1.12	0
22020009+	22020008	2.68	0 1-	2 ACSR 6/1	0	0	2052	333	0	0	0	0.00	1.12	0
22020014+	21090023	2.49	0 1-	2 ACSR 6/1	0	0	2163	335	0	0	0	0.00	1.12	0
21090010+	21090009	2.25	5 1-	2 ACSR 6/1	0	0	2322	339	13	0	1	0.00	1.11	0
21090022+	21090010	2.32	2 1-	2 ACSR 6/1	0	0	2272	338	3	0	0	0.00	1.11	0
22020011+	21090022	2.38	2 1-	2 ACSR 6/1	0	0	2232	337	3	0	0	0.00	1.11	0
22020007+	22020011	2.44	1 1-	2 ACSR 6/1	0	0	2198	336	3	0	0	0.00	1.11	0
21090004+	21090009	2.36	2 1-	2 ACSR 6/1	0	0	2249	337	11	0	0	0.00	1.11	0
21090013+	21090004	2.42	2 1-	2 ACSR 6/1	0	0	2209	336	11	0	0	0.00	1.12	0
21090014+	21090013	2.49	1 1-	2 ACSR 6/1	0	0	2165	335	8	0	0	0.00	1.12	0
21090012+	21090004	2.40	0 1-	2 ACSR 6/1	0	0	2218	337	0	0	0	0.00	1.11	0
21090005+	21090004	2.42	0 1-	2 ACSR 6/1	0	0	2211	336	0	0	0	0.00	1.11	0
21090015+	22120021	2.24	913 3-	4/0 ACSR 6/1	2645	2522	2358	340	3735	83	25	0.05	0.78	159
20852327+	21090015	2.60	908 3-	4/0 ACSR 6/1	2501	2370	2181	338	3729	83	24	0.11	0.92	374
20852335+	20852327	2.65	907 3-	4/0 ACSR 6/1	2481	2349	2157	338	3724	83	24	0.02	0.94	55
20852339+	20852335	2.80	907 3-	4/0 ACSR 6/1	2427	2293	2093	337	3723	83	24	0.04	0.99	153
20852340+	20852339	2.86	905 3-	4/0 ACSR 6/1	2404	2270	2067	336	3714	83	24	0.02	1.01	65
21090016+	20852340	2.99	904 3-	4/0 ACSR 6/1	2361	2225	2017	335	3713	83	24	0.04	1.06	128
21090019+	21090016	3.04	1 1-	2 ACSR 6/1	0	0	1991	335	4	0	0	0.00	0.77	0
21090018+	21090016	3.04	1 1-	2 ACSR 6/1	0	0	1990	335	8	0	0	0.00	0.81	0
21090017+	21090016	3.06	900 3-	4/0 ACSR 6/1	2338	2202	1991	335	3689	82	24	0.02	1.08	70
21090024+	21090017	3.20	0 1-	2 ACSR 6/1	0	0	1922	333	0	0	0	0.00	1.63	0
21090025+	21090024	3.38	0 1-	2 ACSR 6/1	0	0	1838	330	0	0	0	0.00	1.63	0
21090021+	21090017	3.38	899 3-	4/0 ACSR 6/1	2235	2096	1875	333	3681	82	24	0.09	1.20	329
D21-09-P002+	21090021	3.38	6 1-	FUS-35	0	0	1875	333	11	0	3	0.00	0.87	0
21090006+	D21-09-P002	3.48	6 1-	2 ACSR 6/1	0	0	1834	332	11	0	0	0.00	0.87	0
21080010+	21090006	3.53	6 1-	2 ACSR 6/1	0	0	1812	331	11	0	0	0.00	0.87	0
21080022+	21080010	3.57	1 1-	2 ACSR 6/1	0	0	1795	330	3	0	0	0.00	0.87	0
21080013+	21080010	3.62	5 1-	2 ACSR 6/1	0	0	1771	330	7	0	0	0.00	0.87	0
20852333+	21080013	3.99	5 1-	2 ACSR 6/1	0	0	1629	324	7	0	0	0.00	0.87	0
20852334+	20852333	4.06	1 1-	2 ACSR 6/1	0	0	1608	324	2	0	0	0.00	0.87	0
20852326+	20852333	4.20	3 1-	2 ACSR 6/1	0	0	1557	322	3	0	0	0.00	0.87	0
20852330+	20852326	4.42	1 1-	2 ACSR 6/1	0	0	1489	319	0	0	0	0.00	0.87	0
20852329+	20852326	4.29	2 1-	2 ACSR 6/1	0	0	1531	320	3	0	0	0.00	0.87	0
21090020+	21090021	3.69	893 3-	4/0 ACSR 6/1	2146	2006	1777	331	3667	82	24	0.09	1.31	310
21080014+	21090020	3.78	892 3-	4/0 ACSR 6/1	2123	1982	1752	330	3662	82	24	0.02	1.34	84
20851462+	21080014	3.83	891 3-	4/0 ACSR 6/1	2109	1969	1737	330	3658	82	24	0.01	1.36	51
20851463+	20851462	3.89	112 3-	2 CU	2088	1948	1717	329	383	8	4	0.01	1.37	1
20851464+	20851463	3.96	110 3-	2 CU	2066	1925	1695	329	373	8	4	0.01	1.37	1
20851467+	20851464	4.20	108 3-	2 CU	1995	1853	1625	326	359	8	4	0.02	1.39	4
20851324+	20851467	4.21	105 3-	2 CU	1993	1852	1624	326	350	7	3	0.00	1.39	0
15-98-P011-B+	20851324	4.21	105 3-	Closed	1993	1852	1624	326	350	7	0	0.00	1.39	0
15-98-P011-A+	15-98-P011-B	4.21	105 3-	Closed	1993	1852	1624	326	350	7	0	0.00	1.39	0
15980016+	15-98-P011-A	4.22	105 3-	2 CU	1990	1849	1621	326	350	7	3	0.00	1.39	0
D15-98-P010+	15980016	4.22	105 3-	WVE-200/100	1990	1849	1621	326	350	7	0	0.00	1.39	0
15980011+	D15-98-P010	4.31	105 3-	2 CU	1963	1821	1594	325	350	7	3	0.01	1.39	2
D15-88-P023+	15980011	4.31	8 1-	FUS-15	0	0	1594	325	47	3	24	0.00	1.01	0
15880039+	D15-88-P023	4.34	8 1-	2 ACSR 6/1	0	0	1586	325	47	3	2	0.00	1.02	0
15880040+	15880039	4.37	7 1-	2 ACSR 6/1	0	0	1576	325	39	2	1	0.00	1.02	0
15880037+	15880040	4.70	6 1-	2 ACSR 6/1	0	0	1473	320	32	2	1	0.01	1.03	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851161+	15880037	4.83	6 1-	2 ACSR 6/1	0	0	1437	318	32	2	1	0.00	1.03	0
20851162+	20851161	5.33	4 1-	2 ACSR 6/1	0	0	1308	312	25	1	1	0.01	1.04	0
20851164+	20851162	5.45	3 1-	2 ACSR 6/1	0	0	1280	310	18	1	1	0.00	1.04	0
20851165+	20851164	5.54	1 1-	2 ACSR 6/1	0	0	1259	309	9	0	0	0.00	1.04	0
20851166+	20851165	5.66	1 1-	2 ACSR 6/1	0	0	1234	308	9	0	0	0.00	1.05	0
20851163+	20851162	5.83	0 1-	2 ACSR 6/1	0	0	1198	306	0	0	0	0.00	1.04	0
15990009+	20851163	5.99	0 1-	2 ACSR 6/1	0	0	1168	304	0	0	0	0.00	1.04	0
15990008+	15990009	6.06	0 1-	2 ACSR 6/1	0	0	1155	303	0	0	0	0.00	1.04	0
15990007+	15990009	6.07	0 1-	2 ACSR 6/1	0	0	1153	303	0	0	0	0.00	1.04	0
20851556+	20851161	5.00	1 1-	2 ACSR 6/1	0	0	1389	316	6	0	0	0.00	1.03	0
15880038+	15880037	4.89	0 1-	2 ACSR 6/1	0	0	1420	318	0	0	0	0.00	1.03	0
20851554+	15880037	4.82	0 1-	2 ACSR 6/1	0	0	1438	318	0	0	0	0.00	1.03	0
15880036+	15980011	4.37	1 1-	2 ACSR 6/1	0	0	1575	325	8	0	0	0.00	1.09	0
20851182+	15980011	4.40	5 1-	2 ACSR 6/1	0	0	1567	324	10	0	0	0.00	1.09	0
20851555+	20851182	4.50	2 1-	2 ACSR 6/1	0	0	1533	323	3	0	0	0.00	1.09	0
20851181+	20851182	4.58	2 1-	2 ACSR 6/1	0	0	1510	322	2	0	0	0.00	1.09	0
15880041+	20851181	4.62	1 1-	2 ACSR 6/1	0	0	1496	321	2	0	0	0.00	1.09	0
15880028+	15980011	4.38	91 3-	2 CU	1943	1801	1575	325	286	6	3	0.00	1.40	0
20850043+	15880028	4.51	90 3-	2 CU	1910	1768	1543	324	281	6	3	0.01	1.40	1
20850551+	20850043	4.70	90 3-	2 CU	1859	1717	1495	322	281	6	3	0.01	1.41	2
D15-88-P015+	20850551	4.70	13 1-	FUS-40	0	0	1495	322	38	2	7	0.00	2.10	0
20850553+	D15-88-P015	4.78	13 1-	2 ACSR 6/1	0	0	1473	321	38	2	1	0.00	2.10	0
20850552+	20850553	4.81	2 1-	2 ACSR 6/1	0	0	1464	320	5	0	0	0.00	2.10	0
20850554+	20850552	4.88	1 1-	2 ACSR 6/1	0	0	1444	319	1	0	0	0.00	2.10	0
20850555+	20850553	4.88	10 1-	2 ACSR 6/1	0	0	1443	319	25	1	1	0.00	2.11	0
15880049+	20850555	4.96	8 1-	2 ACSR 6/1	0	0	1422	318	19	1	1	0.00	2.11	0
15880050+	15880049	5.03	8 1-	2 ACSR 6/1	0	0	1403	317	19	1	1	0.00	2.11	0
20850558+	15880050	5.14	3 1-	2 ACSR 6/1	0	0	1373	316	8	0	0	0.00	2.11	0
20850559+	20850558	5.28	2 1-	2 ACSR 6/1	0	0	1339	314	6	0	0	0.00	2.11	0
20850760+	20850559	5.41	1 1-	2 ACSR 6/1	0	0	1307	312	3	0	0	0.00	2.11	0
20850761+	20850760	5.45	1 1-	2 ACSR 6/1	0	0	1299	312	3	0	0	0.00	2.11	0
20850557+	15880050	5.11	2 1-	2 ACSR 6/1	0	0	1382	316	4	0	0	0.00	2.11	0
20850556+	15880050	5.07	3 1-	2 ACSR 6/1	0	0	1391	317	7	0	0	0.00	2.11	0
20850807+	20850551	4.79	73 3-	2 CU	1835	1694	1473	321	238	5	2	0.01	1.42	0
20850808+	20850807	4.89	72 3-	2 CU	1813	1671	1452	320	235	5	2	0.00	1.42	0
15880052+	20850808	4.90	4 1-	2 ACSR 6/1	0	0	1447	320	6	0	0	0.00	2.11	0
15880054+	15880052	4.97	1 1-	2 ACSR 6/1	0	0	1428	319	4	0	0	0.00	2.11	0
15880053+	15880052	4.93	3 1-	2 ACSR 6/1	0	0	1439	319	2	0	0	0.00	2.11	0
20850809+	20850808	4.97	66 3-	2 CU	1793	1652	1434	319	225	5	2	0.00	1.42	0
20850811+	20850809	5.11	61 3-	2 CU	1761	1620	1404	318	197	4	2	0.01	1.43	0
15880027+	20850811	5.16	61 3-	2 CU	1748	1607	1392	318	197	4	2	0.00	1.43	0
20850834+	15880027	5.23	2 1-	2 ACSR 6/1	0	0	1374	317	15	1	1	0.00	2.12	0
20850835+	20850834	5.29	1 1-	2 ACSR 6/1	0	0	1358	316	7	0	0	0.00	2.12	0
20850836+	20850835	5.37	0 1-	2 ACSR 6/1	0	0	1339	315	0	0	0	0.00	2.12	0
20850833+	15880027	5.22	1 1-	2 ACSR 6/1	0	0	1377	317	7	0	0	0.00	1.13	0
15880024+	15880027	5.24	58 3-	2 CU	1730	1590	1376	317	176	3	2	0.00	1.43	0
20850837+	15880024	5.29	2 1-	2 ACSR 6/1	0	0	1363	316	4	0	0	0.00	2.12	0
15880051+	20850837	5.37	1 1-	2 ACSR 6/1	0	0	1343	315	1	0	0	0.00	2.12	0
15880025+	15880024	5.29	56 3-	2 CU	1720	1579	1366	316	172	3	2	0.00	1.43	0
15880035+	15880025	5.34	6 1-	2 ACSR 6/1	0	0	1354	316	13	0	1	0.00	1.14	0
15870079+	15880035	5.40	5 1-	2 ACSR 6/1	0	0	1338	315	11	0	0	0.00	1.14	0
15870068+	15870079	5.48	2 1-	2 ACSR 6/1	0	0	1318	314	4	0	0	0.00	1.14	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15870080+	15870079	5.44	1 1-	2 ACSR 6/1	0	0	1329	314	3	0	0	0.00	1.14	0
15880034+	15880025	5.32	50 3-	2 CU	1712	1571	1359	316	158	3	2	0.00	1.44	0
15870082+	15880034	5.42	46 3-	2 CU	1690	1550	1339	315	150	3	1	0.00	1.44	0
15870084+	15870082	5.48	45 3-	2 CU	1678	1539	1329	315	150	3	1	0.00	1.44	0
15870085+	15870084	5.56	41 3-	2 CU	1661	1522	1313	314	126	2	1	0.00	1.44	0
15870086+	15870085	5.61	39 3-	2 CU	1650	1511	1303	313	123	2	1	0.00	1.44	0
20850421+	15870086	5.69	37 3-	2 CU	1634	1495	1289	313	118	2	1	0.00	1.44	0
D15-87-P036+	20850421	5.69	6 1-	FUS-20	0	0	1289	313	20	1	7	0.00	1.16	0
20850403+	D15-87-P036	5.72	6 1-	2 ACSR 6/1	0	0	1282	312	20	1	1	0.00	1.16	0
20850404+	20850403	5.79	4 1-	2 ACSR 6/1	0	0	1268	311	13	0	0	0.00	1.16	0
15870088+	20850404	5.83	2 1-	2 ACSR 6/1	0	0	1258	311	5	0	0	0.00	1.16	0
15870052+	20850404	5.92	2 1-	2 ACSR 6/1	0	0	1240	310	8	0	0	0.00	1.16	0
15770017+	15870052	5.95	1 1-	2 ACSR 6/1	0	0	1233	309	3	0	0	0.00	1.16	0
15770018+	15770017	6.01	0 1-	2 ACSR 6/1	0	0	1220	309	0	0	0	0.00	1.16	0
15770009+	15870052	5.95	1 1-	2 ACSR 6/1	0	0	1233	309	5	0	0	0.00	1.16	0
20850420+	20850421	5.78	30 3-	2 CU	1616	1477	1272	312	88	1	1	0.00	1.45	0
15770019+	20850420	5.92	28 3-	2 CU	1589	1451	1248	311	79	1	1	0.00	1.45	0
15770022+	15770019	6.08	26 3-	2 CU	1558	1421	1221	309	74	1	1	0.00	1.45	0
15770023+	15770022	6.15	26 3-	2 CU	1545	1409	1210	309	74	1	1	0.00	1.45	0
15770021+	15770023	6.23	1 1-	2 ACSR 6/1	0	0	1194	308	4	0	0	0.00	2.13	0
15770010+	15770023	6.25	25 3-	2 CU	1529	1393	1195	308	70	1	1	0.00	1.45	0
15770011+	15770010	6.35	24 3-	2 CU	1510	1375	1179	307	68	1	1	0.00	1.45	0
15770012+	15770011	6.46	24 3-	2 CU	1491	1356	1162	306	68	1	1	0.00	1.46	0
15770013+	15770012	6.63	23 3-	2 CU	1462	1329	1138	304	65	1	1	0.00	1.46	0
15770014+	15770013	6.67	3 1-	2 ACSR 6/1	0	0	1131	304	7	0	0	0.00	2.13	0
15770015+	15770014	6.69	1 1-	2 ACSR 6/1	0	0	1128	304	2	0	0	0.00	2.13	0
15770016+	15770014	6.70	1 1-	2 ACSR 6/1	0	0	1126	304	3	0	0	0.00	2.13	0
15770008+	15770013	6.97	20 3-	2 CU	1409	1278	1092	302	59	1	1	0.01	1.46	0
20851549+	15770008	7.07	1 1-	2 ACSR 6/1	0	0	1076	300	3	0	0	0.00	2.13	0
15670009+	15770008	7.22	19 3-	2 CU	1371	1242	1059	299	56	1	1	0.01	1.46	0
15670011+	15670009	7.35	1 1-	2 ACSR 6/1	0	0	1039	298	1	0	0	0.00	1.19	0
20851550+	15670009	7.26	1 1-	2 ACSR 6/1	0	0	1053	299	3	0	0	0.00	1.19	0
20851551+	20851550	7.30	0 1-	2 ACSR 6/1	0	0	1047	298	0	0	0	0.00	1.19	0
15670008+	15670009	7.34	17 3-	2 CU	1355	1226	1046	299	52	1	1	0.00	1.46	0
20851606+	15670008	7.58	14 3-	2 CU	1322	1194	1017	296	44	0	0	0.00	1.47	0
20851607+	20851606	7.66	13 3-	2 CU	1311	1184	1008	296	36	0	0	0.00	1.47	0
20851608+	20851607	7.80	10 3-	2 CU	1292	1166	992	295	21	0	0	0.00	1.47	0
15570034+	20851608	7.89	6 3-	2 CU	1281	1155	983	294	9	0	0	0.00	1.47	0
15570063+	15570034	7.93	5 3-	1/0 ACSR 6/1	1275	1150	978	294	7	0	0	0.00	1.47	0
15570059+	15570063	7.97	1 3-	1/0 ACSR 6/1	1270	1145	974	293	0	0	0	0.00	1.47	0
15570060+	15570059	8.07	0 3-	1/0 ACSR 6/1	1257	1133	963	292	0	0	0	0.00	1.47	0
SW4-A+	15570060	8.07	0 3-	Open	1257	1133	963	292	0	0	0	0.00	1.47	0
15570062+	15570034	7.96	1 1-	2 ACSR 6/1	0	0	974	293	2	0	0	0.00	1.20	0
15570035+	15570034	7.90	0 3-	1/0 CU	1280	1154	982	294	0	0	0	0.00	1.47	0
15-57-P022-A+	15570035	7.90	0 3-	Open	1280	1154	982	294	0	0	0	0.00	1.47	0
15570058+	20851608	7.86	4 1-	2 ACSR 6/1	0	0	985	294	12	0	0	0.00	1.20	0
20851609+	15570058	7.92	2 1-	2 ACSR 6/1	0	0	977	293	6	0	0	0.00	1.20	0
20851610+	20851609	7.94	1 1-	2 ACSR 6/1	0	0	974	293	1	0	0	0.00	1.20	0
20851552+	15670008	7.38	3 1-	2 ACSR 6/1	0	0	1039	298	8	0	0	0.00	1.19	0
20851605+	20851552	7.43	1 1-	2 ACSR 6/1	0	0	1032	297	4	0	0	0.00	1.19	0
15770007+	15770011	6.45	0 1-	2 ACSR 6/1	0	0	1160	306	0	0	0	0.00	1.17	0
15770020+	15770019	6.00	1 1-	2 ACSR 6/1	0	0	1232	310	3	0	0	0.00	1.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850137+	15870086	5.68	2 1-	2 ACSR 6/1	0	0	1288	313	5	0	0	0.00	1.15	0
20850348+	20850137	5.80	1 1-	2 ACSR 6/1	0	0	1262	311	3	0	0	0.00	1.15	0
15870083+	15870084	5.61	2 1-	2 ACSR 6/1	0	0	1298	313	5	0	0	0.00	1.15	0
20850135+	15870083	5.66	2 2-	2 ACSR 6/1	0	0	1286	312	5	0	0	0.00	1.15	0
20850136+	20850135	5.71	1 1-	2 ACSR 6/1	0	0	1275	312	0	0	0	0.00	1.15	0
15880026+	20850811	5.16	0 1-	2 ACSR 6/1	0	0	1390	317	0	0	0	0.00	2.12	0
20850810+	20850809	5.01	4 1-	2 ACSR 6/1	0	0	1422	319	16	1	1	0.00	2.11	0
20850813+	20850810	5.06	3 1-	2 ACSR 6/1	0	0	1410	318	16	1	1	0.00	2.11	0
20850814+	20850813	5.11	2 1-	2 ACSR 6/1	0	0	1395	317	10	0	0	0.00	2.11	0
20850832+	20850814	5.15	1 1-	2 ACSR 6/1	0	0	1384	317	3	0	0	0.00	2.11	0
20850812+	20850810	5.11	1 1-	2 ACSR 6/1	0	0	1397	317	0	0	0	0.00	2.11	0
15880042+	15880028	4.49	1 1-	2 ACSR 6/1	0	0	1541	323	5	0	0	0.00	1.09	0
20851466+	20851464	4.13	2 1-	2 ACSR 6/1	0	0	1634	326	14	0	1	0.00	1.07	0
20851465+	20851464	4.05	0 1-	2 ACSR 6/1	0	0	1664	328	0	0	0	0.00	2.05	0
15980012+	20851462	3.90	779 3-	1/0 ACSR 6/1	2083	1942	1712	329	3275	73	32	0.04	1.41	124
20851620+	15980012	3.98	181 3-	1/0 ACSR 6/1	2057	1916	1687	329	696	15	7	0.00	1.42	7
20851621+	20851620	4.02	180 3-	1/0 ACSR 6/1	2043	1903	1674	328	683	15	7	0.00	1.42	4
20851622+	20851621	4.04	1 1-	2 ACSR 6/1	0	0	1666	328	9	0	0	0.00	1.10	0
15980015+	20851621	4.08	179 3-	1/0 ACSR 6/1	2024	1883	1655	328	674	15	7	0.00	1.43	6
D21-08-P011+	15980015	4.08	179 3-	RBC-50-E	2024	1883	1655	328	674	15	30	0.00	1.43	0
21080016+	D21-08-P011	4.24	179 3-	1/0 ACSR 6/1	1974	1833	1607	326	674	15	7	0.00	1.45	15
21080017+	21080016	4.30	177 3-	1/0 ACSR 6/1	1956	1815	1590	325	670	15	7	0.00	1.46	6
21080018+	21080017	4.42	176 3-	1/0 ACSR 6/1	1923	1781	1558	324	667	15	7	0.00	1.47	10
21080020+	21080018	4.53	174 3-	1/0 ACSR 6/1	1891	1750	1529	323	661	14	6	0.00	1.49	10
21080023+	21080020	4.58	172 3-	1/0 ACSR 6/1	1875	1734	1514	323	653	14	6	0.00	1.49	5
21080024+	21080023	4.72	168 3-	1/0 ACSR 6/1	1838	1697	1479	321	644	14	6	0.00	1.51	12
20852331+	21080024	4.80	2 1-	2 ACSR 6/1	0	0	1457	320	6	0	0	0.00	1.08	0
21180007+	21080024	4.82	166 3-	1/0 ACSR 6/1	1812	1671	1455	320	638	14	6	0.00	1.52	8
21180008+	21180007	4.90	166 3-	1/0 ACSR 6/1	1791	1651	1436	320	638	14	6	0.00	1.53	7
20852332+	21180008	4.97	163 3-	1/0 ACSR 6/1	1774	1634	1421	319	633	14	6	0.00	1.54	6
20851981+	20852332	4.99	162 3-	1/0 ACSR 6/1	1769	1629	1415	319	626	14	6	0.00	1.54	2
20851983+	20851981	5.21	1 1-	2 ACSR 6/1	0	0	1358	316	2	0	0	0.00	1.08	0
20851982+	20851981	5.03	160 3-	1/0 ACSR 6/1	1760	1620	1407	319	624	14	6	0.00	1.55	3
20851985+	20851982	5.09	159 3-	1/0 ACSR 6/1	1745	1605	1394	318	612	13	6	0.00	1.55	5
20851986+	20851985	5.15	157 3-	1/0 ACSR 6/1	1731	1591	1381	317	602	13	6	0.00	1.56	5
20851824+	20851986	5.50	155 3-	1/0 ACSR 6/1	1649	1511	1307	314	597	13	6	-0.01	1.60	28
20851826+	20851824	5.52	154 3-	1/0 ACSR 6/1	1645	1507	1304	314	591	13	6	0.00	1.60	2
20851825+	20851826	5.60	1 1-	2 ACSR 6/1	0	0	1286	313	5	0	0	0.00	1.06	0
20851827+	20851826	5.57	153 3-	1/0 ACSR 6/1	1634	1496	1294	313	586	13	6	0.00	1.61	4
20851829+	20851827	5.64	153 3-	1/0 ACSR 6/1	1619	1482	1280	313	586	13	6	0.00	1.61	6
20851830+	20851829	5.71	149 3-	1/0 ACSR 6/1	1604	1467	1267	312	574	12	6	0.00	1.62	5
D21-17-P008+	20851830	5.71	14 1-	FUS-25	0	0	1267	312	57	3	17	0.00	1.05	0
20852020+	D21-17-P008	5.76	14 1-	2 ACSR 6/1	0	0	1258	312	57	3	2	0.00	1.05	0
20852021+	20852020	5.83	13 1-	2 ACSR 6/1	0	0	1242	311	51	3	2	0.00	1.06	0
20852088+	20852021	5.85	12 1-	2 ACSR 6/1	0	0	1238	310	47	3	2	0.00	1.06	0
20851649+	20852088	5.93	11 1-	2 ACSR 6/1	0	0	1223	309	46	3	2	0.00	1.06	0
20851988+	20851649	6.03	9 1-	2 ACSR 6/1	0	0	1202	308	37	2	1	0.00	1.06	0
20851990+	20851988	6.12	6 1-	2 ACSR 6/1	0	0	1185	307	21	1	1	0.00	1.06	0
20852328+	20851990	6.46	4 1-	2 ACSR 6/1	0	0	1122	303	13	0	0	0.00	1.07	0
20850575+	20852328	6.62	3 1-	2 ACSR 6/1	0	0	1095	301	5	0	0	0.00	1.07	0
20850574+	20852328	6.49	1 1-	2 ACSR 6/1	0	0	1117	302	8	0	0	0.00	1.07	0
20851989+	20851988	6.10	1 1-	2 ACSR 6/1	0	0	1187	307	6	0	0	0.00	1.06	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
20851987+	20851649	5.99	2 1-	2 ACSR 6/1	0	0	1210	309	9	0	0	0.00	1.06	0
21180004+	20851649	5.98	0 1-	2 ACSR 6/1	0	0	1211	309	0	0	0	0.00	1.06	0
20852019+	20851830	5.92	125 3-	1/0 ACSR 6/1	1563	1427	1231	310	471	10	5	-0.01	1.64	13
21270015+	20852019	6.18	123 3-	1/0 ACSR 6/1	1512	1378	1187	308	457	10	5	-0.02	1.66	15
21270016+	21270015	6.32	86 1-	2 ACSR 6/1	0	0	1160	306	306	20	12	0.04	2.65	11
D21-27-P025+	21270016	6.32	86 1-	REC-35-E	0	0	1160	306	306	20	60	0.00	2.65	0
21270017+	D21-27-P025	6.37	86 1-	2 ACSR 6/1	0	0	1152	306	306	20	12	0.01	2.67	4
21270018+	21270017	6.52	85 1-	2 ACSR 6/1	0	0	1125	304	302	20	11	0.05	2.71	11
21270019+	21270018	6.60	84 1-	2 ACSR 6/1	0	0	1112	303	301	20	11	0.02	2.74	6
D21-27-P030+	21270019	6.60	8 1-	FUS-20	0	0	1112	303	25	1	10	0.00	2.74	0
21270029+	D21-27-P030	6.77	8 1-	2 ACSR 6/1	0	0	1083	301	25	1	1	0.00	2.74	0
21270031+	21270029	6.99	1 1-	2 ACSR 6/1	0	0	1047	298	2	0	0	0.00	2.74	0
21270030+	21270029	6.98	6 1-	2 ACSR 6/1	0	0	1049	298	21	1	1	0.00	2.75	0
20850160+	21270030	7.10	4 1-	2 ACSR 6/1	0	0	1031	297	13	0	0	0.00	2.75	0
20850573+	20850160	7.17	1 1-	2 ACSR 6/1	0	0	1021	296	4	0	0	0.00	2.75	0
20850159+	21270030	7.08	2 1-	2 ACSR 6/1	0	0	1035	297	8	0	0	0.00	2.75	0
21270026+	21270019	6.70	75 1-	2 ACSR 6/1	0	0	1094	302	275	18	10	0.03	2.77	6
21270027+	21270026	6.84	74 1-	2 ACSR 6/1	0	0	1071	300	274	18	10	0.04	2.81	9
20850089+	21270027	7.02	73 1-	2 ACSR 6/1	0	0	1043	298	271	18	10	0.05	2.86	10
20850091+	20850089	7.08	3 1-	2 ACSR 6/1	0	0	1034	297	4	0	0	0.00	2.86	0
20850116+	20850091	7.17	2 1-	2 ACSR 6/1	0	0	1021	296	2	0	0	0.00	2.86	0
20850699+	20850116	7.24	1 1-	2 ACSR 6/1	0	0	1011	295	0	0	0	0.00	2.86	0
20850696+	20850699	7.30	0 1-	2 ACSR 6/1	0	0	1003	294	0	0	0	0.00	2.86	0
20850695+	20850699	7.30	0 1-	2 ACSR 6/1	0	0	1002	294	0	0	0	0.00	2.86	0
20850090+	20850089	7.07	2 1-	2 ACSR 6/1	0	0	1036	297	7	0	0	0.00	2.86	0
20851530+	20850090	7.21	0 1-	2 ACSR 6/1	0	0	1015	295	0	0	0	0.00	2.86	0
20850123+	20850089	7.06	66 1-	2 ACSR 6/1	0	0	1037	297	250	17	9	0.01	2.87	2
20850122+	20850123	7.12	64 1-	2 ACSR 6/1	0	0	1028	296	243	16	9	0.02	2.88	3
D21-37-P001+	20850122	7.12	8 1-	FUS	0	0	1028	296	14	0	22	0.00	2.88	0
20851532+	D21-37-P001	7.19	8 1-	2 ACSR 6/1	0	0	1018	296	14	0	1	0.00	2.88	0
20851704+	20851532	7.27	7 1-	2 ACSR 6/1	0	0	1006	295	13	0	0	0.00	2.88	0
20851706+	20851704	7.42	5 1-	2 ACSR 6/1	0	0	986	293	9	0	0	0.00	2.89	0
20851689+	20851706	7.68	3 1-	2 ACSR 6/1	0	0	951	290	5	0	0	0.00	2.89	0
20851690+	20851689	7.74	3 1-	2 ACSR 6/1	0	0	943	289	5	0	0	0.00	2.89	0
20851910+	20851690	7.88	2 1-	2 ACSR 6/1	0	0	926	288	2	0	0	0.00	2.89	0
20851691+	20851690	7.81	1 1-	2 ACSR 6/1	0	0	935	289	3	0	0	0.00	2.89	0
21370008+	20851706	7.48	2 1-	2 ACSR 6/1	0	0	978	292	5	0	0	0.00	2.89	0
20851705+	20851704	7.40	1 1-	2 ACSR 6/1	0	0	988	293	3	0	0	0.00	2.88	0
20850088+	20850122	7.20	54 1-	2 ACSR 6/1	0	0	1017	296	220	15	8	0.02	2.90	3
20850093+	20850088	7.24	49 1-	2 ACSR 6/1	0	0	1010	295	209	14	8	0.01	2.91	2
20850094+	20850093	7.31	47 1-	2 ACSR 6/1	0	0	1001	294	204	13	8	0.01	2.92	2
20850112+	20850094	7.41	3 1-	2 ACSR 6/1	0	0	988	293	8	0	0	0.00	2.92	0
20850095+	20850094	7.40	44 1-	2 ACSR 6/1	0	0	988	293	196	13	7	0.02	2.94	3
20850110+	20850095	7.45	42 1-	2 ACSR 6/1	0	0	981	293	186	12	7	0.01	2.95	1
20850299+	20850110	7.55	41 1-	2 ACSR 6/1	0	0	968	292	182	12	7	0.02	2.97	3
D21-38-P006+	20850299	7.55	16 1-	REC-25-E	0	0	968	292	61	4	17	0.00	2.97	0
20852114+	D21-38-P006	7.66	16 1-	2 ACSR 6/1	0	0	954	290	61	4	2	0.01	2.98	0
20852115+	20852114	7.73	15 1-	2 ACSR 6/1	0	0	945	289	55	3	2	0.00	2.98	0
21380006+	20852115	8.16	13 1-	2 ACSR 6/1	0	0	894	285	53	3	2	0.02	3.00	0
21380007+	21380006	8.27	13 1-	2 ACSR 6/1	0	0	881	283	53	3	2	0.01	3.01	0
20852077+	21380007	8.37	12 1-	2 ACSR 6/1	0	0	871	282	47	3	2	0.00	3.01	0
D21-48-P001+	20852077	8.37	6 1-	FUS-15	0	0	871	282	22	1	12	0.00	3.01	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21480001+	D21-48-P001	8.48	6 1-	2 ACSR 6/1	0	0	859	281	22	1	1	0.00	3.02	0
21480002+	21480001	8.58	4 1-	2 ACSR 6/1	0	0	848	280	12	0	0	0.00	3.02	0
21480006+	21480002	8.96	2 1-	2 ACSR 6/1	0	0	810	276	6	0	0	0.00	3.02	0
21480005+	20852077	8.53	6 1-	2 ACSR 6/1	0	0	853	281	25	1	1	0.00	3.02	0
21480004+	21480005	8.66	4 1-	2 ACSR 6/1	0	0	840	279	16	1	1	0.00	3.02	0
21480007+	21480004	8.71	3 1-	2 ACSR 6/1	0	0	835	279	9	0	0	0.00	3.02	0
21480008+	21480007	8.77	0 1-	2 ACSR 6/1	0	0	829	278	0	0	0	0.00	3.02	0
21480003+	21480005	8.61	1 1-	2 ACSR 6/1	0	0	845	280	3	0	0	0.00	3.02	0
20850301+	20850299	7.63	1 1-	2 ACSR 6/1	0	0	958	291	2	0	0	0.00	2.97	0
20850243+	20850301	7.69	1 1-	2 ACSR 6/1	0	0	950	290	2	0	0	0.00	2.97	0
20850300+	20850299	7.62	22 1-	2 ACSR 6/1	0	0	959	291	115	7	4	0.01	2.98	0
20850242+	20850300	7.77	21 1-	2 ACSR 6/1	0	0	940	289	107	7	4	0.02	2.99	1
20850291+	20850242	7.83	20 1-	2 ACSR 6/1	0	0	932	288	102	6	4	0.01	3.00	0
20851876+	20850291	7.87	19 1-	2 ACSR 6/1	0	0	927	288	99	6	4	0.00	3.00	0
20851878+	20851876	7.97	18 1-	2 ACSR 6/1	0	0	915	287	92	6	4	0.01	3.01	0
20851879+	20851878	8.12	17 1-	2 ACSR 6/1	0	0	898	285	90	6	3	0.01	3.03	0
20851881+	20851879	8.16	17 1-	2 ACSR 6/1	0	0	893	285	90	6	3	0.00	3.03	0
20851882+	20851881	8.26	16 1-	2 ACSR 6/1	0	0	882	284	82	5	3	0.01	3.04	0
20852076+	20851882	8.34	1 1-	2 ACSR 6/1	0	0	873	283	4	0	0	0.00	3.04	0
20852075+	20851882	8.39	14 1-	2 ACSR 6/1	0	0	868	282	71	4	3	0.01	3.05	0
21290014+	20852075	8.72	1 1-	2 ACSR 6/1	0	0	834	279	6	0	0	0.00	3.05	0
21290015+	21290014	8.81	1 1-	2 ACSR 6/1	0	0	825	278	6	0	0	0.00	3.05	0
20852078+	21290015	8.88	1 1-	2 ACSR 6/1	0	0	818	277	6	0	0	0.00	3.05	0
21390002+	21290015	9.47	0 1-	2 ACSR 6/1	0	0	765	271	0	0	0	0.00	3.05	0
21290017+	20852075	8.53	2 1-	2 ACSR 6/1	0	0	854	281	15	1	1	0.00	3.05	0
20850298+	21290017	8.60	1 1-	2 ACSR 6/1	0	0	846	280	7	0	0	0.00	3.05	0
20850158+	21290017	8.66	1 1-	2 ACSR 6/1	0	0	840	279	8	0	0	0.00	3.05	0
21290018+	20852075	8.65	11 1-	2 ACSR 6/1	0	0	840	279	51	3	2	0.01	3.06	0
D21-29-P021+	21290018	8.65	11 1-	REC-25-E	0	0	840	279	51	3	14	0.00	3.06	0
21290016+	D21-29-P021	8.72	11 1-	2 ACSR 6/1	0	0	834	279	51	3	2	0.00	3.07	0
20850576+	21290016	8.98	11 1-	2 ACSR 6/1	0	0	808	276	51	3	2	0.01	3.08	0
20850577+	20850576	9.03	10 1-	2 ACSR 6/1	0	0	804	275	43	2	2	0.00	3.08	0
20850579+	20850577	9.09	9 1-	2 ACSR 6/1	0	0	799	275	40	2	2	0.00	3.08	0
20850580+	20850579	9.14	8 1-	2 ACSR 6/1	0	0	794	274	35	2	1	0.00	3.09	0
21290020+	20850580	9.43	7 1-	2 ACSR 6/1	0	0	768	271	26	1	1	0.01	3.09	0
21190016+	21290020	9.47	7 1-	2 ACSR 6/1	0	0	766	271	26	1	1	0.00	3.09	0
D21-19-P002+	21190016	9.47	0 1-	FUS	0	0	766	271	0	0	0	0.00	3.09	0
21190013+	D21-19-P002	10.21	0 1-	2 ACSR 6/1	0	0	707	264	0	0	0	0.00	3.09	0
21190004+	21190016	9.71	7 1-	2 ACSR 6/1	0	0	745	268	26	1	1	0.01	3.10	0
21190008+	21190004	9.87	0 1-	2 ACSR 6/1	0	0	733	267	0	0	0	0.00	3.10	0
21190014+	21190004	9.83	7 1-	2 ACSR 6/1	0	0	736	267	26	1	1	0.00	3.10	0
21190015+	21190014	9.93	7 1-	2 ACSR 6/1	0	0	728	266	26	1	1	0.00	3.11	0
20852355+	21190015	10.04	2 1-	2 ACSR 6/1	0	0	720	265	10	0	0	0.00	3.11	0
21190010+	20852355	10.12	1 1-	2 ACSR 6/1	0	0	714	265	8	0	0	0.00	3.11	0
21190009+	20852355	10.13	0 1-	2 ACSR 6/1	0	0	713	264	0	0	0	0.00	3.11	0
21190005+	21190015	10.04	5 1-	2 ACSR 6/1	0	0	720	265	16	1	1	0.00	3.11	0
21190006+	21190005	10.11	4 1-	2 ACSR 6/1	0	0	715	265	14	0	1	0.00	3.11	0
21190007+	21190006	10.25	3 1-	2 ACSR 6/1	0	0	705	263	12	0	0	0.00	3.11	0
20850581+	20850580	9.30	1 1-	2 ACSR 6/1	0	0	780	273	9	0	0	0.00	3.09	0
20850578+	20850577	9.11	1 1-	2 ACSR 6/1	0	0	797	275	4	0	0	0.00	3.08	0
21290019+	21290016	8.78	0 1-	2 ACSR 6/1	0	0	828	278	0	0	0	0.00	3.07	0
20851880+	20851879	8.20	0 1-	2 ACSR 6/1	0	0	889	284	0	0	0	0.00	3.03	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20851877+	20851876	8.07	1 1-	2 ACSR 6/1	0	0	904	286	7	0	0	0.00	3.00	0
20850138+	20850300	7.72	1 1-	2 ACSR 6/1	0	0	946	290	8	0	0	0.00	2.98	0
20850092+	20850088	7.28	5 1-	2 ACSR 6/1	0	0	1005	295	11	0	0	0.00	2.90	0
21270028+	21270027	6.91	1 1-	2 ACSR 6/1	0	0	1060	299	3	0	0	0.00	2.81	0
21270025+	21270019	6.65	1 1-	2 ACSR 6/1	0	0	1102	302	1	0	0	0.00	2.74	0
21270014+	21270015	6.59	36 1-	2 ACSR 6/1	0	0	1112	303	147	9	6	0.06	1.42	7
D21-27-P019A+	21270014	6.59	35 1-	REC-35-E	0	0	1112	303	146	9	28	0.00	1.42	0
21270004+	D21-27-P019A	6.64	35 1-	2 ACSR 6/1	0	0	1104	302	146	9	5	0.01	1.43	0
21270034+	21270004	6.69	35 1-	2 ACSR 6/1	0	0	1096	302	146	9	5	0.01	1.44	0
21270035+	21270034	6.76	34 1-	2 ACSR 6/1	0	0	1085	301	142	9	5	0.01	1.45	1
21270036+	21270035	6.83	1 1-	2 ACSR 6/1	0	0	1073	300	6	0	0	0.00	1.45	0
20850224+	21270035	6.81	33 1-	2 ACSR 6/1	0	0	1077	300	136	9	5	0.01	1.45	0
20850311+	20850224	6.85	32 1-	2 ACSR 6/1	0	0	1070	300	134	9	5	0.01	1.46	0
20850310+	20850311	6.93	30 1-	2 ACSR 6/1	0	0	1056	299	116	7	4	0.01	1.47	0
21270006+	20850310	7.01	29 1-	2 ACSR 6/1	0	0	1045	298	111	7	4	0.01	1.48	0
21270007+	21270006	7.38	5 1-	2 ACSR 6/1	0	0	991	293	17	1	1	0.01	1.49	0
21270009+	21270007	7.45	2 1-	2 ACSR 6/1	0	0	981	293	5	0	0	0.00	1.49	0
21270024+	21270009	7.51	1 1-	2 ACSR 6/1	0	0	974	292	2	0	0	0.00	1.49	0
21270020+	21270024	7.64	0 1-	2 ACSR 6/1	0	0	956	290	0	0	0	0.00	1.49	0
21270008+	21270007	7.56	2 1-	2 ACSR 6/1	0	0	967	291	12	0	0	0.00	1.49	0
21270023+	21270008	7.60	1 1-	2 ACSR 6/1	0	0	962	291	8	0	0	0.00	1.49	0
20851735+	21270008	8.10	1 1-	2 ACSR 6/1	0	0	900	285	3	0	0	0.00	1.49	0
21270022+	21270006	7.10	23 1-	2 ACSR 6/1	0	0	1032	297	89	6	3	0.01	1.49	0
21270011+	21270022	7.14	21 1-	2 ACSR 6/1	0	0	1025	296	78	5	3	0.00	1.49	0
21270021+	21270011	7.20	2 1-	2 ACSR 6/1	0	0	1017	296	7	0	0	0.00	1.49	0
21270010+	21270011	7.22	18 1-	2 ACSR 6/1	0	0	1014	295	69	4	3	0.01	1.50	0
21260031+	21270010	7.27	6 1-	2 ACSR 6/1	0	0	1006	295	21	1	1	0.00	1.50	0
21270012+	21260031	7.38	6 1-	2 ACSR 6/1	0	0	991	293	21	1	1	0.00	1.50	0
20851531+	21270012	7.48	5 1-	2 ACSR 6/1	0	0	978	292	19	1	1	0.00	1.50	0
20851694+	20851531	7.57	4 1-	2 ACSR 6/1	0	0	966	291	19	1	1	0.00	1.50	0
20851695+	20851694	7.65	1 1-	2 ACSR 6/1	0	0	955	290	4	0	0	0.00	1.50	0
21260025+	21270010	7.27	10 1-	2 ACSR 6/1	0	0	1007	295	46	3	2	0.00	1.50	0
21260024+	21260025	7.33	1 1-	2 ACSR 6/1	0	0	997	294	8	0	0	0.00	1.50	0
21260023+	21260025	7.32	6 1-	2 ACSR 6/1	0	0	999	294	18	1	1	0.00	1.50	0
21260029+	21260023	7.43	5 1-	2 ACSR 6/1	0	0	984	293	15	0	1	0.00	1.50	0
21260028+	21260029	7.51	1 1-	2 ACSR 6/1	0	0	974	292	5	0	0	0.00	1.50	0
21260030+	21260028	7.67	1 1-	2 ACSR 6/1	0	0	953	290	5	0	0	0.00	1.50	0
21260002+	21260028	7.57	0 1-	2 ACSR 6/1	0	0	966	291	0	0	0	0.00	1.50	0
21-26-P035-B+	21260002	7.57	0 1-	Open	0	0	966	291	0	0	0	0.00	1.50	0
20851092+	21260023	7.57	1 1-	2 ACSR 6/1	0	0	965	291	3	0	0	0.00	1.50	0
21270005+	20850310	7.08	1 1-	2 ACSR 6/1	0	0	1034	297	5	0	0	0.00	1.47	0
20850309+	20850311	6.98	1 1-	2 ACSR 6/1	0	0	1049	298	8	0	0	0.00	1.46	0
21270033+	21270004	6.79	0 1-	2 ACSR 6/1	0	0	1079	300	0	0	0	0.00	1.43	0
D21-27-P019+	21270014	6.59	1 1-	REC-35-E	0	0	1112	303	1	0	0	0.00	1.42	0
21270032+	D21-27-P019	6.75	1 1-	2 ACSR 6/1	0	0	1086	301	1	0	0	0.00	1.42	0
21270013+	20852019	6.03	0 1-	2 ACSR 6/1	0	0	1209	309	0	0	0	0.00	1.04	0
20850225+	20852019	5.97	2 1-	2 ACSR 6/1	0	0	1221	310	14	0	1	0.00	2.56	0
20852018+	20851830	5.73	6 1-	2 ACSR 6/1	0	0	1264	312	28	1	1	0.00	2.52	0
21170003+	20852018	5.75	4 1-	2 ACSR 6/1	0	0	1260	312	24	1	1	0.00	2.52	0
21170004+	21170003	5.89	2 1-	2 ACSR 6/1	0	0	1230	310	8	0	0	0.00	2.52	0
20851828+	20851827	5.68	0 1-	2 ACSR 6/1	0	0	1269	312	0	0	0	0.00	2.49	0
20851591+	20851986	5.69	2 1-	2 ACSR 6/1	0	0	1254	310	4	0	0	0.00	2.39	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
20851984+	20851982	5.05	1 1-	2 ACSR 6/1	0	0	1400	318	12	0	0	0.00	1.07	0	
20852089+	20852332	5.04	1 1-	2 ACSR 6/1	0	0	1400	318	7	0	0	0.00	2.35	0	
21080019+	21080018	4.48	1 1-	2 ACSR 6/1	0	0	1540	324	0	0	0	0.00	1.09	0	
21080015+	21080016	4.33	1 1-	2 ACSR 6/1	0	0	1579	325	3	0	0	0.00	1.09	0	
20851524+	15980012	4.01	598 3-	1/0 ACSR 6/1	2046	1906	1677	328	2578	57	25	0.06	1.46	109	
20851525+	20851524	4.07	597 3-	1/0 ACSR 6/1	2029	1888	1660	328	2563	57	25	0.03	1.48	52	
20851618+	20851525	4.15	596 3-	1/0 ACSR 6/1	2001	1860	1633	327	2557	57	25	0.05	1.52	87	
20851619+	20851618	4.22	594 3-	1/0 ACSR 6/1	1982	1841	1615	326	2549	57	25	0.03	1.55	61	
15980014+	20851619	4.41	594 3-	1/0 ACSR 6/1	1925	1784	1561	324	2549	57	25	0.10	1.64	187	
D21-08-P040+	15980014	4.41	4 1-	FUS-40	0	0	1561	324	18	1	4	0.00	2.41	0	
21080030+	D21-08-P040	2.45	4 1-	2 ACSR 6/1	0	0	1548	324	18	1	1	0.00	2.41	0	
21080032+	21080030	4.48	3 1-	2 ACSR 6/1	0	0	1538	323	18	1	1	0.00	2.41	0	
21080033+	21080032	4.56	2 1-	2 ACSR 6/1	0	0	1512	322	12	0	0	0.00	2.41	0	
15980017+	21080033	4.83	1 1-	2 ACSR 6/1	0	0	1435	319	7	0	0	0.00	2.42	0	
21080025+	15980014	4.60	590 3-	1/0 ACSR 6/1	1872	1731	1511	323	2528	56	25	0.10	1.72	181	
21080026+	21080025	4.66	589 3-	1/0 ACSR 6/1	1856	1715	1496	322	2526	56	25	0.03	1.75	57	
21080004+	21080026	4.70	587 3-	1/0 ACSR 6/1	1843	1702	1484	322	2519	56	25	0.02	1.77	46	
21080003+	21080004	4.72	586 3-	1/0 ACSR 6/1	1839	1699	1481	321	2515	56	25	0.01	1.78	12	
21-08-P047-B+	21080003	4.72	586 3-	Closed	1839	1699	1481	321	2515	56	0	0.00	1.78	0	
21-08-P047-A+	21-08-P047-B	4.72	586 3-	Closed	1839	1699	1481	321	2515	56	0	0.00	1.78	0	
21080006+	21-08-P047-A	4.76	586 3-	1/0 ACSR 6/1	1827	1686	1469	321	2515	56	25	0.02	1.80	46	
21080007+	21080006	4.83	90 3-	2 ACSR 6/1	1807	1666	1451	320	2513	383	8	5	0.01	1.81	3
21080008+	21080007	4.86	88 3-	2 ACSR 6/1	1798	1657	1443	320	2513	374	8	5	0.00	1.81	1
21080009+	21080008	4.91	87 3-	2 ACSR 6/1	1782	1641	1428	319	2511	366	8	5	0.01	1.81	2
21080012+	21080009	4.99	0 1-	2 ACSR 6/1	0	0	1406	318	0	0	0	0.00	1.56	0	
21080031+	21080009	4.95	87 3-	2 ACSR 6/1	1768	1627	1416	318	2508	366	8	5	0.01	1.82	2
D21-07-P079+	21080031	4.95	87 3-	REC-35-E	1768	1627	1416	318	2508	366	8	24	0.00	1.82	0
21070047+	D21-07-P079	4.99	87 3-	2 ACSR 6/1	1756	1615	1405	318	2506	366	8	5	0.00	1.82	2
21070014+	21070047	5.06	87 3-	2 ACSR 6/1	1736	1594	1387	317	2503	366	8	5	0.01	1.83	3
15970030+	21070014	5.11	12 1-	2 ACSR 6/1	0	0	1374	316	29	1	1	0.00	1.58	0	
20851460+	15970030	5.17	5 1-	2 ACSR 6/1	0	0	1359	316	19	1	1	0.00	1.58	0	
20851461+	20851460	5.21	1 1-	2 ACSR 6/1	0	0	1349	315	6	0	0	0.00	1.58	0	
15970032+	21070014	5.08	2 1-	2 ACSR 6/1	0	0	1382	317	11	0	0	0.00	2.68	0	
15970011+	21070014	5.15	73 3-	2 ACSR 6/1	1710	1568	1364	316	326	7	4	0.01	1.84	3	
15970033+	15970011	5.24	4 1-	2 ACSR 6/1	0	0	1342	315	14	0	1	0.00	2.70	0	
20851553+	15970033	5.35	2 1-	2 ACSR 6/1	0	0	1317	313	8	0	0	0.00	2.70	0	
15980018+	20851553	5.54	1 1-	2 ACSR 6/1	0	0	1271	311	6	0	0	0.00	2.70	0	
15970023+	15970011	5.34	69 3-	2 ACSR 6/1	1657	1516	1317	313	313	7	4	0.02	1.86	6	
15970024+	15970023	5.46	68 3-	2 ACSR 6/1	1626	1485	1290	312	308	6	4	0.01	1.87	4	
15970028+	15970024	5.51	63 3-	2 ACSR 6/1	1613	1472	1279	311	279	6	4	0.00	1.87	1	
15970029+	15970028	5.59	62 3-	2 ACSR 6/1	1592	1451	1260	310	274	6	3	0.01	1.88	2	
15870077+	15970029	5.66	58 3-	2 ACSR 6/1	1575	1435	1246	309	265	6	3	0.01	1.88	2	
15870091+	15870077	5.69	56 3-	2 ACSR 6/1	1568	1428	1240	309	262	5	3	0.00	1.88	0	
15870092+	15870091	5.72	56 3-	2 ACSR 6/1	1561	1421	1234	309	262	5	3	0.00	1.89	0	
15870069+	15870092	5.79	54 3-	2 ACSR 6/1	1544	1404	1219	308	258	5	3	0.01	1.89	2	
15870072+	15870069	5.96	5 1-	2 ACSR 6/1	0	0	1185	306	26	1	1	0.00	1.65	0	
15870074+	15870072	6.05	4 1-	2 ACSR 6/1	0	0	1167	304	18	1	1	0.00	1.65	0	
15870075+	15870074	6.12	2 1-	2 ACSR 6/1	0	0	1154	304	8	0	0	0.00	1.65	0	
15870076+	15870075	6.17	1 1-	2 ACSR 6/1	0	0	1145	303	5	0	0	0.00	1.65	0	
15870073+	15870072	6.03	1 1-	2 ACSR 6/1	0	0	1170	305	8	0	0	0.00	1.65	0	
15870071+	15870069	5.82	1 1-	2 ACSR 6/1	0	0	1213	307	4	0	0	0.00	1.64	0	
15870070+	15870069	5.88	46 3-	2 ACSR 6/1	1521	1382	1199	307	221	5	3	0.01	1.90	2	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850405+	15870070	5.90	45 3-	2 ACSR 6/1	1517	1377	1196	306	213	4	3	0.00	1.90	0
20850429+	20850405	5.99	38 3-	2 ACSR 6/1	1496	1357	1178	305	170	3	2	0.00	1.90	1
20850430+	20850429	6.09	38 3-	2 ACSR 6/1	1474	1336	1160	304	170	3	2	0.00	1.91	1
D15-87-P019+	20850430	6.09	12 1-	FUS	0	0	1160	304	67	4	104	0.00	2.84	0
15870102+	D15-87-P019	6.14	12 1-	2 ACSR 6/1	0	0	1149	303	67	4	3	0.00	2.84	0
20850325+	15870102	6.18	8 1-	2 ACSR 6/1	0	0	1143	303	46	3	2	0.00	2.84	0
20850326+	20850325	6.22	7 1-	2 ACSR 6/1	0	0	1135	302	41	2	2	0.00	2.84	0
20850687+	20850326	6.25	3 1-	2 ACSR 6/1	0	0	1129	302	10	0	0	0.00	2.84	0
20850688+	20850687	6.29	1 1-	2 ACSR 6/1	0	0	1122	301	0	0	0	0.00	2.84	0
20850524+	20850326	6.30	2 1-	2 ACSR 6/1	0	0	1121	301	20	1	1	0.00	2.85	0
20850324+	15870102	6.20	2 1-	2 ACSR 6/1	0	0	1140	303	12	0	0	0.00	2.84	0
D15-87-P019A+	20850430	6.09	15 1-	FUS	0	0	1160	304	47	3	73	0.00	2.84	0
15870103+	D15-87-P019A	6.16	15 1-	2 ACSR 6/1	0	0	1147	303	47	3	2	0.00	2.84	0
20850044+	15870103	6.22	14 1-	2 ACSR 6/1	0	0	1136	302	44	3	2	0.00	2.84	0
15870098+	20850044	6.26	5 1-	2 ACSR 6/1	0	0	1129	302	18	1	1	0.00	2.84	0
20850130+	15870098	6.31	2 1-	2 ACSR 6/1	0	0	1119	301	9	0	0	0.00	2.84	0
20850131+	20850130	6.42	0 1-	2 ACSR 6/1	0	0	1101	300	0	0	0	0.00	2.84	0
15-87-P013-B+	20850131	6.42	0 1-	Open	0	0	1101	300	0	0	0	0.00	2.84	0
15870097+	20850044	6.25	1 1-	2 ACSR 6/1	0	0	1130	302	7	0	0	0.00	2.84	0
15870093+	20850044	6.27	6 1-	2 ACSR 6/1	0	0	1126	302	19	1	1	0.00	2.84	0
15870094+	15870093	6.33	5 1-	2 ACSR 6/1	0	0	1115	301	14	0	1	0.00	2.85	0
15870096+	15870094	6.38	1 1-	2 ACSR 6/1	0	0	1107	300	3	0	0	0.00	2.85	0
15870095+	15870094	6.38	2 1-	2 ACSR 6/1	0	0	1108	300	5	0	0	0.00	2.85	0
20850547+	20850430	6.14	8 1-	2 ACSR 6/1	0	0	1150	303	37	2	1	0.00	1.65	0
20850548+	20850547	6.16	6 1-	2 ACSR 6/1	0	0	1146	303	30	2	1	0.00	1.65	0
20850549+	20850548	6.24	5 1-	2 ACSR 6/1	0	0	1133	302	24	1	1	0.00	1.65	0
20850550+	20850549	6.26	4 1-	2 ACSR 6/1	0	0	1128	302	18	1	1	0.00	1.65	0
158700087+	20850550	6.38	1 1-	2 ACSR 6/1	0	0	1107	300	3	0	0	0.00	1.65	0
20850379+	20850430	6.13	2 1-	2 ACSR 6/1	0	0	1152	303	11	0	0	0.00	1.65	0
20850406+	20850405	5.93	6 1-	2 ACSR 6/1	0	0	1189	306	35	2	1	0.00	1.65	0
20850407+	20850406	5.98	5 1-	2 ACSR 6/1	0	0	1181	305	31	2	1	0.00	1.65	0
20850408+	20850407	6.00	3 1-	2 ACSR 6/1	0	0	1176	305	18	1	1	0.00	1.65	0
20850428+	20850408	6.04	1 1-	2 ACSR 6/1	0	0	1170	305	6	0	0	0.00	1.65	0
158700081+	15870070	5.91	1 1-	2 ACSR 6/1	0	0	1194	306	9	0	0	0.00	1.23	0
15870090+	15870077	5.76	2 1-	2 ACSR 6/1	0	0	1224	308	3	0	0	0.00	2.78	0
15970026+	15970024	5.51	2 1-	2 ACSR 6/1	0	0	1278	311	15	1	1	0.00	2.75	0
15970027+	15970026	5.53	1 1-	2 ACSR 6/1	0	0	1273	311	5	0	0	0.00	2.75	0
15970025+	15970024	5.53	2 1-	2 ACSR 6/1	0	0	1274	311	7	0	0	0.00	1.61	0
21080005+	21080006	4.88	496 3-	2 ACSR 6/1	1789	1648	1435	319	2132	47	27	0.08	1.87	128
21070023+	21080005	4.92	492 3-	2 ACSR 6/1	1777	1636	1424	319	2118	47	26	0.03	1.89	42
21070024+	21070023	4.99	490 3-	2 ACSR 6/1	1758	1616	1406	318	2109	47	26	0.04	1.93	68
21070025+	21070024	5.30	489 3-	2 ACSR 6/1	1668	1526	1326	314	2102	47	26	0.21	2.11	329
21070026+	21070025	5.34	9 1-	2 ACSR 6/1	0	0	1318	313	15	1	1	0.00	1.90	0
21070029+	21070026	5.42	8 1-	2 ACSR 6/1	0	0	1299	312	15	0	1	0.00	1.90	0
D21-07-P018+	21070029	5.42	7 1-	FUS-50	0	0	1299	312	14	0	2	0.00	1.90	0
21070010+	D21-07-P018	5.45	7 1-	2 ACSR 6/1	0	0	1292	312	14	0	1	0.00	1.90	0
21070009+	21070010	5.64	4 1-	2 ACSR 6/1	0	0	1250	310	8	0	0	0.00	1.91	0
15970031+	21070009	5.71	1 1-	2 ACSR 6/1	0	0	1234	309	4	0	0	0.00	1.91	0
15970034+	21070009	5.75	3 1-	2 ACSR 6/1	0	0	1227	308	4	0	0	0.00	1.91	0
21070032+	15970034	5.83	1 1-	2 ACSR 6/1	0	0	1211	307	2	0	0	0.00	1.91	0
21070031+	15970034	5.81	1 1-	2 ACSR 6/1	0	0	1213	307	2	0	0	0.00	1.91	0
21070030+	21070010	5.50	2 1-	2 ACSR 6/1	0	0	1281	311	2	0	0	0.00	1.90	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
21070020+	21070025	5.45	3 1-	2 ACSR 6/1	0	0	1293	312	12	0	0	0.00	1.90	0
20851816+	21070020	5.59	2 1-	2 ACSR 6/1	0	0	1260	310	9	0	0	0.00	1.90	0
20851817+	20851816	5.66	1 1-	2 ACSR 6/1	0	0	1247	309	7	0	0	0.00	1.90	0
21070011+	21070025	5.35	477 3-	1/0 ACSR 6/1	1658	1517	1318	313	2072	46	20	0.02	2.13	28
21070034+	21070011	5.42	475 3-	1/0 ACSR 6/1	1642	1501	1303	313	2068	46	20	0.03	2.16	47
21070035+	21070034	5.52	474 3-	1/0 ACSR 6/1	1620	1480	1284	312	2064	46	20	0.04	2.19	63
21070022+	21070035	5.56	1 1-	2 ACSR 6/1	0	0	1276	311	7	0	0	0.00	3.08	0
21070021+	21070035	5.60	472 3-	1/0 ACSR 6/1	1603	1464	1269	311	2053	46	20	0.03	2.22	51
21070028+	21070021	5.68	0 1-	2 ACSR 6/1	0	0	1251	310	0	0	0	0.00	2.02	0
21070027+	21070021	5.65	1 1-	2 ACSR 6/1	0	0	1259	311	2	0	0	0.00	3.12	0
21070012+	21070021	5.77	471 3-	1/0 ACSR 6/1	1569	1431	1239	310	2050	46	20	0.07	2.28	103
21070038+	21070012	5.85	469 3-	1/0 ACSR 6/1	1553	1416	1225	309	2045	46	20	0.03	2.31	50
D21-07-P003+	21070038	5.85	1 1-	FUS	0	0	1225	309	8	0	12	0.00	3.23	0
21070046+	D21-07-P003	6.28	1 1-	2 ACSR 6/1	0	0	1142	304	8	0	0	0.00	3.23	0
21070043+	21070038	5.92	4 1-	2 ACSR 6/1	0	0	1209	308	7	0	0	0.00	2.12	0
21070045+	21070043	5.99	1 1-	2 ACSR 6/1	0	0	1196	307	0	0	0	0.00	2.12	0
21070044+	21070043	5.99	3 1-	2 ACSR 6/1	0	0	1197	307	7	0	0	0.00	2.12	0
21070037+	21070038	5.97	464 3-	1/0 ACSR 6/1	1530	1393	1205	308	2029	45	20	0.05	2.36	73
21070016+	21070037	6.12	464 3-	1/0 ACSR 6/1	1501	1365	1179	307	2029	45	20	0.06	2.41	97
21070017+	21070016	6.30	1 1-	2 ACSR 6/1	0	0	1146	304	5	0	0	0.00	3.35	0
21070018+	21070017	6.35	1 1-	2 ACSR 6/1	0	0	1138	304	5	0	0	0.00	3.35	0
21070019+	21070018	6.44	0 1-	2 ACSR 6/1	0	0	1120	303	0	0	0	0.00	3.35	0
20850528+	21070016	6.20	463 3-	1/0 ACSR 6/1	1488	1352	1168	306	2023	45	20	0.03	2.44	44
20850530+	20850528	6.29	5 1-	2 ACSR 6/1	0	0	1150	305	22	1	1	0.00	1.67	0
20850853+	20850530	6.37	4 1-	2 ACSR 6/1	0	0	1136	304	18	1	1	0.00	1.67	0
21060006+	20850853	6.44	1 1-	2 ACSR 6/1	0	0	1123	303	7	0	0	0.00	1.67	0
21060005+	20850853	6.46	1 1-	2 ACSR 6/1	0	0	1119	303	7	0	0	0.00	1.67	0
20850529+	20850528	6.29	456 3-	1/0 ACSR 6/1	1471	1336	1153	305	1995	44	20	0.04	2.47	56
21060007+	20850529	6.42	455 3-	1/0 ACSR 6/1	1449	1315	1134	304	1989	44	20	0.05	2.52	76
D21-16-P054+	21060007	6.42	3 1-	FUS	0	0	1134	304	2	0	4	0.00	1.72	0
21160053+	D21-16-P054	6.89	3 1-	2 ACSR 6/1	0	0	1054	298	2	0	0	0.00	1.72	0
20851818+	21160053	7.02	2 1-	2 ACSR 6/1	0	0	1035	297	1	0	0	0.00	1.72	0
20851820+	20851818	7.06	1 1-	2 ACSR 6/1	0	0	1029	296	1	0	0	0.00	1.72	0
20851819+	20851818	7.13	1 1-	2 ACSR 6/1	0	0	1018	295	0	0	0	0.00	1.72	0
21160049+	21060007	6.49	452 3-	1/0 ACSR 6/1	1436	1303	1123	303	1986	44	19	0.03	2.54	43
D21-16-P166+	21160049	6.49	48 1-	REC-50-E	0	0	1123	303	169	11	23	0.00	2.38	0
21160052+	D21-16-P166	6.66	48 1-	2 ACSR 6/1	0	0	1095	301	169	11	6	0.03	2.41	4
21060009+	21160052	6.72	1 1-	2 ACSR 6/1	0	0	1083	300	5	0	0	0.00	2.41	0
21060008+	21160052	6.76	47 1-	2 ACSR 6/1	0	0	1077	300	164	11	6	0.02	2.43	2
20850841+	21060008	6.79	44 1-	2 ACSR 6/1	0	0	1073	300	142	9	5	0.00	2.44	0
20850842+	20850841	6.85	43 1-	2 ACSR 6/1	0	0	1063	299	140	9	5	0.01	2.44	0
20850843+	20850842	6.96	42 1-	2 ACSR 6/1	0	0	1046	298	134	9	5	0.01	2.46	2
20850844+	20850843	7.07	40 1-	2 ACSR 6/1	0	0	1030	296	130	8	5	0.01	2.47	1
15960012+	20850844	7.12	39 1-	2 ACSR 6/1	0	0	1022	296	123	8	5	0.01	2.48	0
15960013+	15960012	7.19	37 1-	2 ACSR 6/1	0	0	1012	295	114	7	4	0.01	2.49	0
15960009+	15960013	7.31	35 1-	2 ACSR 6/1	0	0	996	294	110	7	4	0.01	2.50	1
15960010+	15960009	7.40	32 1-	2 ACSR 6/1	0	0	983	292	105	7	4	0.01	2.51	0
15960011+	15960010	7.66	30 1-	2 ACSR 6/1	0	0	949	290	99	6	4	0.03	2.54	2
20850132+	15960011	7.78	29 1-	2 ACSR 6/1	0	0	933	288	93	6	4	0.01	2.55	0
20850134+	20850132	7.83	3 1-	2 ACSR 6/1	0	0	928	288	12	0	0	0.00	2.55	0
15870105+	20850134	7.87	1 1-	2 ACSR 6/1	0	0	922	287	4	0	0	0.00	2.55	0
20850133+	20850132	7.84	25 1-	2 ACSR 6/1	0	0	926	287	78	5	3	0.00	2.55	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
15870051+	20850133	7.91	0 1-	2 ACSR 6/1	0	0	918	287	0	0	0	0.00	2.55	0
15-87-P013-A+	15870051	7.91	0 1-	Open	0	0	918	287	0	0	0	0.00	2.55	0
158700049+	20850133	7.93	25 1-	2 ACSR 6/1	0	0	915	286	78	5	3	0.01	2.56	0
158700089+	15870049	7.99	2 1-	2 ACSR 6/1	0	0	908	286	5	0	0	0.00	2.56	0
158700050+	15870049	8.15	23 1-	2 ACSR 6/1	0	0	890	284	74	5	3	0.02	2.58	0
158600007+	15870050	8.21	19 1-	2 ACSR 6/1	0	0	883	283	59	4	2	0.00	2.58	0
158600021+	15860007	8.30	2 1-	2 ACSR 6/1	0	0	873	282	10	0	0	0.00	2.58	0
158600025+	15860021	8.37	1 1-	2 ACSR 6/1	0	0	866	282	3	0	0	0.00	2.58	0
158600024+	15860021	8.34	1 1-	2 ACSR 6/1	0	0	868	282	7	0	0	0.00	2.58	0
158600008+	15860007	8.32	16 1-	2 ACSR 6/1	0	0	871	282	45	3	2	0.00	2.59	0
158600014+	15860008	8.54	14 1-	2 ACSR 6/1	0	0	848	280	43	2	2	0.01	2.59	0
158600015+	15860014	8.63	12 1-	2 ACSR 6/1	0	0	839	279	26	1	1	0.00	2.60	0
158600016+	15860015	8.85	11 1-	2 ACSR 6/1	0	0	817	277	25	1	1	0.01	2.60	0
158600013+	15860016	9.00	2 1-	2 ACSR 6/1	0	0	803	275	2	0	0	0.00	2.60	0
158600009+	15860013	9.06	1 1-	2 ACSR 6/1	0	0	798	274	1	0	0	0.00	2.60	0
158600011+	15860016	9.03	9 1-	2 ACSR 6/1	0	0	800	275	23	1	1	0.00	2.61	0
158600012+	15860011	9.14	7 1-	2 ACSR 6/1	0	0	790	274	19	1	1	0.00	2.61	0
157600006+	15860012	9.39	5 1-	2 ACSR 6/1	0	0	768	271	12	0	0	0.00	2.61	0
157600007+	15760006	9.60	5 1-	2 ACSR 6/1	0	0	751	269	12	0	0	0.00	2.61	0
157600009+	15760007	9.65	2 1-	2 ACSR 6/1	0	0	746	268	8	0	0	0.00	2.61	0
157600001+	15760009	9.88	2 1-	2 ACSR 6/1	0	0	728	266	8	0	0	0.00	2.62	0
157600003+	15760001	10.03	1 1-	2 ACSR 6/1	0	0	718	265	3	0	0	0.00	2.62	0
157600002+	15760001	10.03	1 1-	2 ACSR 6/1	0	0	717	265	5	0	0	0.00	2.62	0
157600008+	15760007	9.68	1 1-	2 ACSR 6/1	0	0	745	268	4	0	0	0.00	2.61	0
157600004+	15860012	9.25	2 1-	2 ACSR 6/1	0	0	781	272	7	0	0	0.00	2.61	0
157600005+	15760004	9.41	0 1-	2 ACSR 6/1	0	0	767	271	0	0	0	0.00	2.61	0
158600010+	15860011	9.09	1 1-	2 ACSR 6/1	0	0	794	274	3	0	0	0.00	2.61	0
158600020+	15860014	8.58	1 1-	2 ACSR 6/1	0	0	844	279	5	0	0	0.00	2.59	0
15870104+	15860020	8.59	0 1-	2 ACSR 6/1	0	0	842	279	0	0	0	0.00	2.59	0
158700078+	15870104	8.90	0 1-	2 ACSR 6/1	0	0	812	276	0	0	0	0.00	2.59	0
158600006+	15870050	8.26	4 1-	2 ACSR 6/1	0	0	878	283	14	0	1	0.00	2.58	0
158600022+	15860006	8.32	2 1-	2 ACSR 6/1	0	0	871	282	5	0	0	0.00	2.58	0
159600008+	15960013	7.43	1 1-	2 ACSR 6/1	0	0	979	292	4	0	0	0.00	2.49	0
20850852+	20850844	7.20	1 1-	2 ACSR 6/1	0	0	1010	295	7	0	0	0.00	2.47	0
20850838+	21060008	6.83	2 1-	2 ACSR 6/1	0	0	1067	299	15	1	1	0.00	2.43	0
210600004+	20850838	6.89	0 1-	2 ACSR 6/1	0	0	1058	298	0	0	0	0.00	2.43	0
20850839+	20850838	6.91	2 1-	2 ACSR 6/1	0	0	1055	298	15	1	1	0.00	2.43	0
20850840+	20850839	7.05	1 1-	2 ACSR 6/1	0	0	1033	297	8	0	0	0.00	2.43	0
211600038+	21160049	6.57	404 3-	1/0 ACSR 6/1	1422	1290	1111	303	1816	40	18	0.02	2.57	41
20850635+	21160038	6.70	1 1-	2 ACSR 6/1	0	0	1089	301	12	0	0	0.00	1.76	0
211600039+	21160038	6.70	403 3-	1/0 ACSR 6/1	1401	1269	1093	301	1803	40	18	0.04	2.61	63
211600040+	21160039	6.77	403 3-	1/0 ACSR 6/1	1390	1259	1084	301	1803	40	18	0.02	2.63	33
211600041+	21160040	6.80	0 1-	2 ACSR 6/1	0	0	1079	300	0	0	0	0.00	3.62	0
211600047+	21160040	6.84	403 3-	1/0 ACSR 6/1	1379	1248	1074	300	1802	40	18	0.02	2.65	36
C21-16-PB78+	21160047	6.84	0 3-	Capacitor	1379	1248	1074	300	0	-3	0	0.00	2.65	0
211600050+	21160047	6.92	403 3-	1/0 ACSR 6/1	1367	1237	1064	300	1802	41	18	0.02	2.68	36
20852095+	21160050	6.98	402 3-	1/0 ACSR 6/1	1357	1228	1056	299	1800	41	18	0.02	2.70	32
20852097+	20852095	7.02	111 3-	1/0 ACSR 6/1	1352	1223	1051	299	405	9	4	0.00	2.70	2
20852082+	20852097	7.22	110 3-	1/0 ACSR 6/1	1322	1195	1026	297	404	9	4	-0.01	2.72	11
D21-16-P111+	20852082	7.22	110 3-	REC-70-E	1322	1195	1026	297	404	9	13	0.00	2.72	0
211600046+	D21-16-P111	7.39	110 3-	1/0 ACSR 6/1	1297	1171	1005	296	404	9	4	-0.01	2.73	9
211600043+	21160046	7.46	3 1-	2 ACSR 6/1	0	0	996	295	9	0	0	0.00	2.50	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21150049+	21160043	7.79	2 1-	2 ACSR 6/1	0	0	953	291	5	0	0	0.00	2.51	0
20851102+	21150049	8.02	0 1-	2 ACSR 6/1	0	0	924	288	0	0	0	0.00	2.51	0
21150055+	21160043	7.48	1 1-	2 ACSR 6/1	0	0	994	295	4	0	0	0.00	2.51	0
21160054+	21150055	7.53	1 1-	2 ACSR 6/1	0	0	986	294	4	0	0	0.00	2.51	0
20851222+	21160054	7.61	0 1-	2 ACSR 6/1	0	0	976	293	0	0	0	0.00	2.51	0
21160033+	21160046	7.55	102 3-	1/0 ACSR 6/1	1276	1150	987	294	382	8	4	-0.01	2.75	8
21150018+	21160033	7.61	2 1-	2 ACSR 6/1	0	0	980	294	5	0	0	0.00	1.90	0
21150017+	21160033	7.61	1 1-	2 ACSR 6/1	0	0	979	294	0	0	0	0.00	3.84	0
21150008+	21160033	7.72	99 3-	1/0 ACSR 6/1	1254	1130	969	293	376	8	4	-0.01	2.76	8
21150012+	21150008	7.75	3 1-	2 ACSR 6/1	0	0	964	293	13	0	1	0.00	3.87	0
21150014+	21150012	7.85	2 1-	2 ACSR 6/1	0	0	951	291	11	0	0	0.00	3.87	0
21150054+	21150014	8.17	1 1-	2 ACSR 6/1	0	0	913	288	3	0	0	0.00	3.87	0
21150013+	21150012	7.82	1 1-	2 ACSR 6/1	0	0	956	292	3	0	0	0.00	3.87	0
21150009+	21150008	7.87	96 3-	1/0 ACSR 6/1	1234	1111	952	292	363	8	4	-0.01	2.77	7
21150010+	21150009	7.99	95 3-	1/0 ACSR 6/1	1219	1097	939	291	361	8	4	-0.01	2.78	5
21150040+	21150010	8.11	89 3-	1/0 ACSR 6/1	1205	1084	928	290	344	7	3	-0.01	2.78	5
21150057+	21150040	8.46	88 3-	1/0 ACSR 6/1	1164	1046	894	287	344	7	3	-0.02	2.81	14
21050006+	21150057	8.52	88 3-	1/0 ACSR 6/1	1157	1039	888	286	344	7	3	0.00	2.81	2
20850380+	21050006	8.55	5 1-	2 ACSR 6/1	0	0	885	286	16	1	1	0.00	4.02	0
20850570+	20850380	8.71	2 1-	2 ACSR 6/1	0	0	868	284	7	0	0	0.00	4.02	0
21050005+	21050006	8.62	83 3-	1/0 ACSR 6/1	1147	1029	880	286	328	7	3	0.00	2.82	3
D21-15-P121+	21050005	8.62	13 1-	FUS-20	0	0	880	286	33	2	13	0.00	4.04	0
20850388+	D21-15-P121	8.66	13 1-	2 ACSR 6/1	0	0	875	285	33	2	1	0.00	4.04	0
21040003+	20850388	8.92	9 1-	2 ACSR 6/1	0	0	847	282	26	1	1	0.01	4.05	0
21040004+	21040003	8.98	9 1-	2 ACSR 6/1	0	0	841	282	26	1	1	0.00	4.05	0
20850389+	21040004	9.05	1 1-	2 ACSR 6/1	0	0	835	281	2	0	0	0.00	4.05	0
21040002+	21040004	9.17	8 1-	2 ACSR 6/1	0	0	823	280	24	1	1	0.00	4.05	0
15940005+	21040002	9.21	7 1-	2 ACSR 6/1	0	0	819	279	20	1	1	0.00	4.05	0
15940006+	15940005	9.40	5 1-	2 ACSR 6/1	0	0	801	277	17	1	1	0.00	4.06	0
15940008+	15940006	9.69	3 1-	2 ACSR 6/1	0	0	776	274	6	0	0	0.00	4.06	0
15850001+	15940008	10.60	2 1-	2 ACSR 6/1	0	0	705	265	3	0	0	0.00	4.06	0
15940007+	15940006	9.45	2 1-	2 ACSR 6/1	0	0	797	277	11	0	0	0.00	4.06	0
21150030+	21050005	8.64	70 3-	1/0 ACSR 6/1	1144	1027	878	285	294	6	3	0.00	2.82	0
21150031+	21150030	8.70	69 3-	1/0 ACSR 6/1	1138	1021	872	285	294	6	3	0.00	2.82	2
D21-14-P038+	21150031	8.70	10 1-	RBC-25-E	0	0	872	285	40	2	11	0.00	4.05	0
21140013+	D21-14-P038	9.05	10 1-	2 ACSR 6/1	0	0	836	281	40	2	2	0.01	4.07	0
21140015+	21140013	9.13	1 1-	2 ACSR 6/1	0	0	828	280	2	0	0	0.00	4.07	0
21140003+	21140013	9.51	9 1-	2 ACSR 6/1	0	0	793	276	38	2	1	0.02	4.09	0
21140016+	21140003	9.68	2 1-	2 ACSR 6/1	0	0	778	274	10	0	0	0.00	4.09	0
21140005+	21140003	9.62	7 1-	2 ACSR 6/1	0	0	783	275	28	1	1	0.00	4.09	0
21140006+	21140005	9.72	7 1-	2 ACSR 6/1	0	0	774	274	28	1	1	0.00	4.09	0
21140007+	21140006	9.76	6 1-	2 ACSR 6/1	0	0	771	274	28	1	1	0.00	4.09	0
21140009+	21140007	9.85	4 1-	2 ACSR 6/1	0	0	763	273	19	1	1	0.00	4.09	0
21140010+	21140009	10.01	3 1-	2 ACSR 6/1	0	0	750	271	15	1	1	0.00	4.10	0
21140011+	21140010	10.22	2 1-	2 ACSR 6/1	0	0	734	269	9	0	0	0.00	4.10	0
21140012+	21140011	10.30	2 1-	2 ACSR 6/1	0	0	728	268	9	0	0	0.00	4.10	0
21140004+	21140011	10.80	0 1-	2 ACSR 6/1	0	0	692	263	0	0	0	0.00	4.10	0
21140008+	21140007	9.87	1 1-	2 ACSR 6/1	0	0	762	272	1	0	0	0.00	4.09	0
21140014+	21150031	8.80	59 3-	1/0 ACSR 6/1	1127	1011	864	284	254	5	3	0.00	2.83	2
21150048+	21140014	8.90	57 3-	1/0 ACSR 6/1	1116	1000	855	283	250	5	2	0.00	2.83	2
21150038+	21150048	8.93	55 3-	1/0 ACSR 6/1	1113	997	852	283	249	5	2	0.00	2.83	0
21150045+	21150038	8.98	48 3-	1/0 ACSR 6/1	1108	993	848	283	208	4	2	0.00	2.83	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21150037+	21150045	9.02	2 1-	2 ACSR 6/1	0	0	844	282	11	0	0	0.00	4.09	0
21150021+	21150045	9.07	42 3-	1/0 ACSR 6/1	1099	985	841	282	183	4	2	0.00	2.84	0
21150022+	21150021	9.10	32 3-	2 ACSR 6/1	1096	981	838	282	134	3	2	0.00	2.84	0
21150033+	21150022	9.24	31 3-	2 ACSR 6/1	1078	964	824	280	127	2	2	-0.01	2.84	2
D21-15-P075+	21150033	9.24	31 1-	RBC-35-E	0	0	824	280	127	8	25	0.00	4.12	0
21150016+	D21-15-P075	9.31	31 1-	2 ACSR 6/1	0	0	817	279	127	8	5	0.01	4.12	0
21150023+	21150016	9.36	30 1-	2 ACSR 6/1	0	0	813	279	124	8	5	0.01	4.13	0
21150036+	21150023	9.94	29 1-	2 ACSR 6/1	0	0	761	273	116	8	4	0.07	4.20	6
D21-25-P002+	21150036	9.94	15 1-	FUS-15	0	0	761	273	56	3	29	0.00	4.20	0
21250003+	D21-25-P002	10.31	15 1-	2 ACSR 6/1	0	0	732	269	56	3	2	0.02	4.22	0
21240020+	21250003	10.47	1 1-	2 ACSR 6/1	0	0	720	267	5	0	0	0.00	4.22	0
21240005+	21250003	10.40	14 1-	2 ACSR 6/1	0	0	726	268	51	3	2	0.00	4.22	0
21240007+	21240005	10.60	12 1-	2 ACSR 6/1	0	0	711	266	45	3	2	0.01	4.23	0
21240008+	21240007	10.69	11 1-	2 ACSR 6/1	0	0	704	265	41	2	2	0.00	4.24	0
21240009+	21240008	10.78	10 1-	2 ACSR 6/1	0	0	698	265	38	2	1	0.00	4.24	0
21240010+	21240009	10.93	10 1-	2 ACSR 6/1	0	0	687	263	38	2	1	0.01	4.24	0
21240011+	21240010	11.02	9 1-	2 ACSR 6/1	0	0	681	262	33	2	1	0.00	4.25	0
21240012+	21240011	11.10	9 1-	2 ACSR 6/1	0	0	676	261	33	2	1	0.00	4.25	0
21240013+	21240012	11.21	8 1-	2 ACSR 6/1	0	0	669	260	31	2	1	0.00	4.25	0
21240014+	21240013	11.24	8 1-	2 ACSR 6/1	0	0	667	260	31	2	1	0.00	4.26	0
21240004+	21240014	11.27	0 1-	2 ACSR 6/1	0	0	665	260	0	0	0	0.00	4.26	0
21240015+	21240014	11.30	8 1-	2 ACSR 6/1	0	0	663	260	31	2	1	0.00	4.26	0
21240017+	21240015	11.38	6 1-	2 ACSR 6/1	0	0	658	259	18	1	1	0.00	4.26	0
21240019+	21240017	11.43	1 1-	2 ACSR 6/1	0	0	655	258	1	0	0	0.00	4.26	0
21240018+	21240017	11.66	3 1-	2 ACSR 6/1	0	0	641	256	11	0	0	0.00	4.26	0
D21-23-P003+	21240018	11.66	2 1-	FUS-7	0	0	641	256	9	0	10	0.00	4.26	0
21230002+	D21-23-P003	11.80	2 1-	2 ACSR 6/1	0	0	633	255	9	0	0	0.00	4.26	0
20850582+	21230002	12.04	0 1-	2 ACSR 6/1	0	0	619	253	0	0	0	0.00	4.26	0
D21-23-P003A+	21240018	11.66	1 1-	FUS-7	0	0	641	256	2	0	2	0.00	4.26	0
20850717+	D21-23-P003A	12.13	1 1-	2 ACSR 6/1	0	0	615	252	2	0	0	0.00	4.26	0
21240016+	21240015	11.48	1 1-	2 ACSR 6/1	0	0	652	258	7	0	0	0.00	4.26	0
21240003+	21240009	11.66	0 1-	2 ACSR 6/1	0	0	641	256	0	0	0	0.00	4.24	0
21240006+	21240005	10.63	1 1-	2 ACSR 6/1	0	0	709	266	3	0	0	0.00	4.22	0
21250008+	21150036	10.00	11 1-	2 ACSR 6/1	0	0	756	272	44	3	2	0.00	4.20	0
21250002+	21250008	10.93	9 1-	2 ACSR 6/1	0	0	687	263	41	2	2	0.04	4.24	1
D21-35-P003+	21250002	10.93	4 1-	FUS-15	0	0	687	263	25	1	13	0.00	4.24	0
21350012+	D21-35-P003	11.06	4 1-	2 ACSR 6/1	0	0	679	262	25	1	1	0.00	4.24	0
21350014+	21350012	11.35	3 1-	2 ACSR 6/1	0	0	660	259	17	1	1	0.00	4.25	0
21250005+	21350014	11.38	2 1-	2 ACSR 6/1	0	0	658	259	8	0	0	0.00	4.25	0
21250006+	21250005	11.45	1 1-	2 ACSR 6/1	0	0	654	258	5	0	0	0.00	4.25	0
21250009+	21250006	11.47	1 1-	2 ACSR 6/1	0	0	652	258	5	0	0	0.00	4.25	0
21250011+	21250009	11.62	0 1-	2 ACSR 6/1	0	0	644	257	0	0	0	0.00	4.25	0
21250010+	21250011	11.92	0 1-	2 ACSR 6/1	0	0	626	254	0	0	0	0.00	4.25	0
21250007+	21250006	11.52	0 1-	2 ACSR 6/1	0	0	649	257	0	0	0	0.00	4.25	0
21350009+	21250002	11.04	5 1-	2 ACSR 6/1	0	0	680	262	15	1	1	0.00	4.24	0
21350013+	21350009	11.15	1 1-	2 ACSR 6/1	0	0	673	261	4	0	0	0.00	4.24	0
21350015+	21350009	11.12	0 1-	2 ACSR 6/1	0	0	675	261	0	0	0	0.00	4.24	0
21350010+	21350009	11.14	4 1-	2 ACSR 6/1	0	0	674	261	11	0	0	0.00	4.24	0
21350011+	21350010	11.20	2 1-	2 ACSR 6/1	0	0	669	260	6	0	0	0.00	4.24	0
21250004+	21250008	10.03	2 1-	2 ACSR 6/1	0	0	754	272	3	0	0	0.00	4.20	0
21150024+	21150023	9.44	0 1-	2 ACSR 6/1	0	0	805	278	0	0	0	0.00	4.13	0
21150015+	21150033	9.33	0 3-	2 ACSR 6/1	1068	955	816	279	0	0	0	0.00	2.84	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21150029+	21150015	9.40	0 3-	2 ACSR 6/1	1059	947	809	279	0	0	0	0.00	2.84	0
21150020+	21150033	9.29	0 1-	2 ACSR 6/1	0	0	819	280	0	0	0	0.00	1.99	0
21150032+	21150021	9.16	6 1-	2 ACSR 6/1	0	0	832	281	28	1	1	0.00	1.99	0
21150025+	21150032	9.30	5 1-	2 ACSR 6/1	0	0	818	280	24	1	1	0.00	1.99	0
21150027+	21150025	9.35	1 1-	2 ACSR 6/1	0	0	814	279	8	0	0	0.00	1.99	0
21150026+	21150025	9.33	2 1-	2 ACSR 6/1	0	0	815	279	8	0	0	0.00	1.99	0
21150046+	21150045	9.08	3 1-	2 ACSR 6/1	0	0	838	282	9	0	0	0.00	2.43	0
21150047+	21150046	9.18	0 1-	2 ACSR 6/1	0	0	829	281	0	0	0	0.00	2.43	0
21150019+	21150046	9.22	3 1-	2 ACSR 6/1	0	0	825	280	9	0	0	0.00	2.44	0
21150041+	21150038	9.07	6 1-	2 ACSR 6/1	0	0	838	282	39	2	2	0.01	4.09	0
21150050+	21150041	9.17	1 1-	2 ACSR 6/1	0	0	829	281	6	0	0	0.00	4.09	0
21140017+	21150050	9.23	1 1-	2 ACSR 6/1	0	0	823	280	6	0	0	0.00	4.09	0
21150028+	21150041	9.11	2 1-	2 ACSR 6/1	0	0	834	281	12	0	0	0.00	4.09	0
21150042+	21150041	9.12	3 1-	2 ACSR 6/1	0	0	834	281	21	1	1	0.00	4.09	0
21150044+	21150042	9.17	1 1-	2 ACSR 6/1	0	0	828	280	6	0	0	0.00	4.09	0
21150043+	21150042	9.16	1 1-	2 ACSR 6/1	0	0	829	281	8	0	0	0.00	4.09	0
21150056+	21140014	8.88	1 1-	2 ACSR 6/1	0	0	855	283	2	0	0	0.00	2.44	0
21150011+	21150010	8.04	6 1-	2 ACSR 6/1	0	0	934	290	17	1	1	0.00	3.93	0
21150039+	21150011	8.07	4 1-	2 ACSR 6/1	0	0	930	290	17	1	1	0.00	3.93	0
20850691+	21150039	8.17	2 1-	2 ACSR 6/1	0	0	919	289	15	1	1	0.00	3.93	0
20850672+	21150039	8.12	2 1-	2 ACSR 6/1	0	0	924	289	2	0	0	0.00	3.93	0
20850671+	21150039	8.15	0 1-	2 ACSR 6/1	0	0	921	289	0	0	0	0.00	3.93	0
21160036+	21160046	7.58	5 1-	2 ACSR 6/1	0	0	979	293	13	0	1	0.00	3.81	0
21160037+	21160036	7.64	1 1-	2 ACSR 6/1	0	0	972	293	6	0	0	0.00	3.81	0
D21-16-P182+	21160037	7.64	0 1-	FUS	0	0	972	293	0	0	0	0.00	3.81	0
21060010+	D21-16-P182	8.04	0 1-	2 ACSR 6/1	0	0	921	288	0	0	0	0.00	3.81	0
20850673+	21060010	8.10	0 1-	2 ACSR 6/1	0	0	914	287	0	0	0	0.00	3.81	0
20850527+	21060010	8.29	0 1-	2 ACSR 6/1	0	0	892	285	0	0	0	0.00	3.81	0
20851155+	21160036	7.63	2 1-	2 ACSR 6/1	0	0	973	293	5	0	0	0.00	3.81	0
20851154+	21160036	7.63	1 1-	2 ACSR 6/1	0	0	973	293	2	0	0	0.00	3.81	0
20852096+	20852095	7.04	7 1-	2 ACSR 6/1	0	0	1047	298	28	1	1	0.00	2.53	0
20852106+	20852096	7.09	2 1-	2 ACSR 6/1	0	0	1040	298	13	0	0	0.00	2.53	0
20852105+	20852096	7.08	2 1-	2 ACSR 6/1	0	0	1040	298	8	0	0	0.00	2.53	0
21160042+	20852095	7.28	284 3-	1/0 ACSR 6/1	1313	1186	1019	297	1366	31	14	0.10	2.78	85
D21-16-P012+	21160042	7.28	18 1-	REC-35-E	0	0	1019	297	95	6	19	0.00	2.63	0
21160045+	D21-16-P012	7.43	18 1-	2 ACSR 6/1	0	0	998	295	95	6	4	0.01	2.64	1
20852309+	21160045	7.60	16 1-	2 ACSR 6/1	0	0	974	293	84	5	3	0.01	2.66	0
20852310+	20852309	7.75	15 1-	2 ACSR 6/1	0	0	955	291	77	5	3	0.01	2.67	0
20851152+	20852310	7.86	2 1-	2 ACSR 6/1	0	0	940	290	15	1	1	0.00	2.67	0
20850966+	20852310	7.81	13 1-	2 ACSR 6/1	0	0	947	290	62	4	2	0.00	2.67	0
20851310+	20850966	7.88	12 1-	2 ACSR 6/1	0	0	938	290	56	3	2	0.00	2.68	0
20851312+	20851310	7.99	2 1-	2 ACSR 6/1	0	0	924	288	11	0	0	0.00	2.68	0
20851153+	20851312	8.11	1 1-	2 ACSR 6/1	0	0	911	287	6	0	0	0.00	2.68	0
20852059+	20851153	8.16	1 1-	2 ACSR 6/1	0	0	905	286	6	0	0	0.00	2.68	0
21160035+	20851153	8.22	0 1-	2 ACSR 6/1	0	0	898	286	0	0	0	0.00	2.68	0
20851311+	20851310	7.94	8 1-	2 ACSR 6/1	0	0	931	289	39	2	1	0.00	2.68	0
20851150+	20851311	8.02	5 1-	2 ACSR 6/1	0	0	922	288	24	1	1	0.00	2.68	0
21150034+	20851150	8.06	2 1-	2 ACSR 6/1	0	0	916	288	10	0	0	0.00	2.68	0
21150035+	21150034	8.19	1 1-	2 ACSR 6/1	0	0	902	286	2	0	0	0.00	2.68	0
20851151+	20851150	8.12	1 1-	2 ACSR 6/1	0	0	909	287	7	0	0	0.00	2.68	0
20851149+	20851311	8.02	3 1-	2 ACSR 6/1	0	0	921	288	15	1	1	0.00	2.68	0
21160034+	21160045	7.52	2 1-	2 ACSR 6/1	0	0	984	294	12	0	0	0.00	2.64	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852137+	21160034	7.56	1 1-	2 ACSR 6/1	0	0	979	293	6	0	0	0.00	2.64	0
20852136+	21160034	7.57	1 1-	2 ACSR 6/1	0	0	979	293	6	0	0	0.00	2.64	0
21160044+	21160042	7.36	266 3-	1/0 ACSR 6/1	1302	1176	1009	296	1270	28	13	0.02	2.80	19
20851937+	21160044	7.40	265 3-	1/0 ACSR 6/1	1297	1170	1005	296	1263	28	13	0.01	2.81	9
20851931+	20851937	7.46	264 3-	1/0 ACSR 6/1	1288	1162	997	295	1256	28	12	0.02	2.82	15
20851932+	20851931	7.53	263 3-	1/0 ACSR 6/1	1278	1153	989	294	1256	28	12	0.02	2.84	16
20852129+	20851932	7.58	1 1-	2 ACSR 6/1	0	0	982	294	5	0	0	0.00	3.84	0
20852128+	20851932	7.77	260 3-	1/0 ACSR 6/1	1248	1124	963	292	1244	28	12	0.06	2.90	54
D21-16-P024+	20852128	7.77	260 3-	REC-70-E	1248	1124	963	292	1244	28	41	0.00	2.90	0
20852130+	D21-16-P024	7.89	260 3-	1/0 ACSR 6/1	1231	1109	950	291	1244	28	12	0.03	2.93	29
D21-16-P025+	20852130	7.89	19 1-	FUS-30	0	0	950	291	100	6	25	0.00	2.07	0
20852132+	D21-16-P025	8.08	19 1-	2 ACSR 6/1	0	0	927	289	100	6	4	0.02	2.09	1
20851585+	20852132	8.17	10 1-	2 ACSR 6/1	0	0	916	288	52	3	2	0.00	2.10	0
20851586+	20851585	8.23	8 1-	2 ACSR 6/1	0	0	909	288	43	2	2	0.00	2.10	0
20851588+	20851586	8.30	3 1-	2 ACSR 6/1	0	0	901	287	10	0	0	0.00	2.10	0
20851589+	20851588	8.34	2 1-	2 ACSR 6/1	0	0	896	286	10	0	0	0.00	2.10	0
20851587+	20851588	8.31	4 1-	2 ACSR 6/1	0	0	899	287	29	1	1	0.00	2.10	0
20851821+	20851587	8.36	3 1-	2 ACSR 6/1	0	0	895	286	21	1	1	0.00	2.10	0
20851822+	20851821	8.66	2 1-	2 ACSR 6/1	0	0	861	283	17	1	1	0.00	2.11	0
20851823+	20851822	8.77	1 1-	2 ACSR 6/1	0	0	850	282	7	0	0	0.00	2.11	0
20851590+	20851587	8.35	1 1-	2 ACSR 6/1	0	0	896	286	8	0	0	0.00	2.10	0
20852133+	20852132	8.15	8 1-	2 ACSR 6/1	0	0	919	289	41	2	2	0.00	2.10	0
20852134+	20852133	8.20	1 1-	2 ACSR 6/1	0	0	913	288	4	0	0	0.00	2.10	0
20852289+	20852133	8.22	3 1-	2 ACSR 6/1	0	0	911	288	11	0	0	0.00	2.10	0
20851646+	20852133	8.32	4 1-	2 ACSR 6/1	0	0	898	287	25	1	1	0.00	2.10	0
20851647+	20851646	8.40	1 1-	2 ACSR 6/1	0	0	890	286	9	0	0	0.00	2.10	0
20852135+	20852130	7.96	240 3-	1/0 ACSR 6/1	1222	1100	942	291	1141	26	11	0.02	2.94	14
20851156+	20852135	8.01	235 3-	1/0 ACSR 6/1	1217	1095	938	291	1134	25	11	0.01	2.95	8
20851159+	20851156	8.07	233 3-	1/0 ACSR 6/1	1209	1088	932	290	1126	25	11	0.02	2.96	12
D21-16-P042+	20851159	8.07	6 1-	FUS	0	0	932	290	35	2	55	0.00	3.96	0
20851678+	D21-16-P042	8.15	6 1-	2 ACSR 6/1	0	0	922	289	35	2	1	0.00	3.96	0
20851680+	20851678	8.21	5 1-	2 ACSR 6/1	0	0	914	288	30	2	1	0.00	3.96	0
20851681+	20851680	8.27	2 1-	2 ACSR 6/1	0	0	908	288	11	0	0	0.00	3.96	0
20851682+	20851681	8.29	1 1-	2 ACSR 6/1	0	0	905	287	8	0	0	0.00	3.96	0
20851648+	20851681	8.42	1 1-	2 ACSR 6/1	0	0	891	286	3	0	0	0.00	3.96	0
20851679+	20851678	8.19	1 1-	2 ACSR 6/1	0	0	918	289	4	0	0	0.00	3.96	0
21160048+	20851159	8.18	220 3-	1/0 ACSR 6/1	1197	1076	921	289	1059	24	11	0.03	2.99	18
21260013+	21160048	8.22	214 3-	1/0 ACSR 6/1	1192	1072	917	289	1034	23	10	0.01	2.99	6
21260020+	21260013	8.26	211 3-	1/0 ACSR 6/1	1187	1067	913	289	1014	23	10	0.01	3.00	6
21260021+	21260020	8.30	3 1-	2 ACSR 6/1	0	0	908	288	15	1	1	0.00	2.13	0
21260014+	21260021	8.34	0 1-	2 ACSR 6/1	0	0	904	288	0	0	0	0.00	2.13	0
21260011+	21260020	8.28	206 3-	1/0 ACSR 6/1	1185	1065	911	288	996	22	10	0.01	3.01	4
21260022+	21260011	8.34	4 1-	2 ACSR 6/1	0	0	904	288	18	1	1	0.00	2.13	0
21260026+	21260011	8.34	200 3-	1/0 ACSR 6/1	1178	1058	905	288	967	22	10	0.01	3.02	9
21260027+	21260026	8.86	197 3-	1/0 ACSR 6/1	1121	1005	859	284	955	21	9	0.13	3.11	78
21260001+	21260027	8.92	197 3-	1/0 ACSR 6/1	1115	999	854	283	955	21	9	0.01	3.12	9
21260005+	21260001	8.99	196 3-	1/0 ACSR 6/1	1108	993	848	283	949	21	9	0.02	3.14	10
21260006+	21260005	9.02	194 3-	1/0 ACSR 6/1	1104	989	845	282	945	21	9	0.01	3.14	5
21260007+	21260006	9.13	193 3-	1/0 ACSR 6/1	1093	979	836	282	936	21	9	0.03	3.16	15
21260010+	21260007	9.18	190 3-	1/0 ACSR 6/1	1088	975	832	281	912	20	9	0.01	3.17	7
21260015+	21260010	9.27	189 3-	1/0 ACSR 6/1	1079	966	825	281	905	20	9	0.02	3.19	13
20851094+	21260015	9.31	2 1-	2 ACSR 6/1	0	0	820	280	8	0	0	0.00	4.22	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LROP DROP	TOTAL DROP	LINE LOSS
21360022+	21260015	9.35	187 3-	1/0 ACSR 6/1	1071	959	818	280	897	20	9	0.02	3.20	12
20851095+	21360022	9.55	1 1-	2 ACSR 6/1	0	0	800	278	3	0	0	0.00	4.24	0
20851010+	20851095	9.88	0 1-	2 ACSR 6/1	0	0	771	274	0	0	0	0.00	4.24	0
20851197+	21360022	9.39	186 3-	1/0 ACSR 6/1	1067	955	815	280	894	20	9	0.01	3.21	5
20851198+	20851197	9.47	185 3-	1/0 ACSR 6/1	1060	948	809	279	888	20	9	0.02	3.22	11
20851201+	20851198	9.53	183 3-	1/0 ACSR 6/1	1055	944	805	279	878	20	9	0.01	3.23	7
20851203+	20851201	9.66	2 1-	2 ACSR 6/1	0	0	793	277	5	0	0	0.00	2.22	0
20851204+	20851203	9.70	1 1-	2 ACSR 6/1	0	0	789	277	4	0	0	0.00	2.22	0
20851202+	20851201	9.59	1 1-	2 ACSR 6/1	0	0	799	278	2	0	0	0.00	3.20	0
20851200+	20851201	9.62	3 1-	2 ACSR 6/1	0	0	796	277	8	0	0	0.00	4.27	0
20850890+	20851200	9.67	2 1-	2 ACSR 6/1	0	0	792	277	8	0	0	0.00	4.27	0
20850889+	20850890	9.93	1 1-	2 ACSR 6/1	0	0	769	274	7	0	0	0.00	4.28	0
20851199+	20851201	9.61	175 3-	1/0 ACSR 6/1	1047	936	798	278	839	19	8	0.02	3.24	10
20850689+	20851199	9.67	0 1-	2 ACSR 6/1	0	0	793	277	0	0	0	0.00	3.22	0
20850583+	20851199	9.63	174 3-	1/0 ACSR 6/1	1046	935	797	278	835	19	8	0.00	3.25	2
20850785+	20850583	9.75	172 3-	1/0 ACSR 6/1	1035	925	788	277	825	18	8	0.03	3.26	14
20850827+	20850785	9.85	166 3-	1/0 ACSR 6/1	1025	916	781	276	800	18	8	0.02	3.28	12
20850888+	20850827	9.92	164 3-	1/0 ACSR 6/1	1020	911	776	276	792	18	8	0.01	3.29	7
D21-36-P067+	20850888	9.92	164 3-	RBC-35-E	1020	911	776	276	792	18	52	0.00	3.29	0
21360021+	D21-36-P067	9.94	164 3-	1/0 ACSR 6/1	1018	909	775	275	792	18	8	0.00	3.29	2
20850894+	21360021	10.07	1 1-	2 ACSR 6/1	0	0	763	274	8	0	0	0.00	3.29	0
20851043+	21360021	9.99	136 3-	1/0 ACSR 6/1	1013	905	771	275	662	15	7	0.01	3.30	4
20850973+	20851043	10.27	135 3-	1/0 ACSR 6/1	990	883	752	273	656	15	7	0.07	3.34	23
20851091+	20850973	10.32	4 1-	2 ACSR 6/1	0	0	748	272	16	1	1	0.00	4.40	0
20852081+	20851091	10.37	2 1-	2 ACSR 6/1	0	0	744	272	7	0	0	0.00	4.40	0
20851961+	20850973	10.37	130 3-	1/0 ACSR 6/1	982	876	746	272	635	14	6	0.02	3.35	7
20852121+	20851961	10.41	127 3-	1/0 ACSR 6/1	978	873	743	272	622	14	6	0.01	3.35	3
20852354+	20852121	10.46	117 3-	1/0 ACSR 6/1	974	869	740	272	570	13	6	0.01	3.36	3
20852324+	20852354	10.51	115 3-	1/0 ACSR 6/1	971	866	737	271	559	12	6	0.01	3.36	3
D21-46-P010+	20852324	10.51	20 1-	FUS	0	0	737	271	96	6	150	0.00	3.42	0
21460012+	D21-46-P010	10.52	20 1-	2 ACSR 6/1	0	0	736	271	96	6	4	0.00	3.42	0
20852344+	21460012	10.56	19 1-	2 ACSR 6/1	0	0	732	271	89	6	3	0.00	3.42	0
20852345+	20852344	10.60	16 1-	2 ACSR 6/1	0	0	730	270	83	5	3	0.00	3.43	0
20850974+	20852345	10.64	15 1-	2 ACSR 6/1	0	0	727	270	77	5	3	0.00	3.43	0
20851105+	20850974	10.73	15 1-	2 ACSR 6/1	0	0	720	269	77	5	3	0.01	3.44	0
20851508+	20851105	10.78	14 1-	2 ACSR 6/1	0	0	716	268	73	5	3	0.00	3.44	0
20851509+	20851508	10.81	13 1-	2 ACSR 6/1	0	0	714	268	61	4	2	0.00	3.44	0
21360028+	20851509	10.84	12 1-	2 ACSR 6/1	0	0	712	268	56	3	2	0.00	3.44	0
20851349+	21360028	10.86	11 1-	2 ACSR 6/1	0	0	711	268	49	3	2	0.00	3.44	0
20851350+	20851349	10.93	10 1-	2 ACSR 6/1	0	0	706	267	43	2	2	0.00	3.45	0
20851698+	20851350	10.99	2 1-	2 ACSR 6/1	0	0	701	266	9	0	0	0.00	3.45	0
21360029+	20851698	11.04	2 1-	2 ACSR 6/1	0	0	698	266	9	0	0	0.00	3.45	0
20851527+	20851350	10.98	4 1-	2 ACSR 6/1	0	0	702	266	17	1	1	0.00	3.45	0
20851344+	20851350	11.01	3 1-	2 ACSR 6/1	0	0	700	266	7	0	0	0.00	3.45	0
20851526+	20851344	11.08	1 1-	2 ACSR 6/1	0	0	695	265	7	0	0	0.00	3.45	0
20851348+	21360028	10.91	1 1-	2 ACSR 6/1	0	0	707	267	6	0	0	0.00	3.44	0
21360027+	20851508	10.84	1 1-	2 ACSR 6/1	0	0	712	268	12	0	0	0.00	3.44	0
20851347+	20851105	10.77	1 1-	2 ACSR 6/1	0	0	717	269	4	0	0	0.00	3.44	0
20852325+	20852324	10.56	93 3-	1/0 ACSR 6/1	966	862	733	271	460	10	5	0.01	3.37	2
20852347+	20852325	10.64	92 3-	1/0 ACSR 6/1	961	856	729	270	456	10	5	0.01	3.37	3
20852350+	20852347	10.69	85 3-	1/0 ACSR 6/1	956	852	725	270	420	9	4	0.01	3.38	2
20852351+	20852350	10.78	81 3-	1/0 ACSR 6/1	950	846	720	269	411	9	4	0.01	3.39	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20852346+	20852351	10.81	78 3-	1/0 ACSR 6/1	948	844	718	269	396	9	4	0.00	3.39	0
20852343+	20852346	10.85	75 3-	1/0 ACSR 6/1	944	841	716	269	381	8	4	0.01	3.39	1
21460004+	20852343	10.96	72 3-	1/0 ACSR 6/1	936	834	709	268	372	8	4	0.02	3.40	3
21460003+	21460004	11.09	71 3-	1/0 ACSR 6/1	927	825	702	267	362	8	4	0.02	3.41	4
21470002+	21460003	11.14	65 3-	1/0 ACSR 6/1	923	822	699	267	328	7	3	0.01	3.41	1
21470021+	21470020	11.22	63 3-	1/0 ACSR 6/1	917	816	694	266	313	7	3	0.01	3.42	2
21470014+	21470021	11.27	61 3-	1/0 ACSR 6/1	914	814	692	266	266	6	3	0.01	3.42	0
21470015+	21470014	11.35	61 3-	1/0 ACSR 6/1	909	808	687	265	266	6	3	0.01	3.42	2
21470027+	21470015	11.43	50 3-	1/0 ACSR 6/1	903	803	683	265	220	5	2	0.01	3.43	2
D21-47-P082+	21470027	11.43	4 1-	FUS	0	0	683	265	19	1	29	0.00	2.26	0
21470029+	D21-47-P082	11.46	4 1-	2 ACSR 6/1	0	0	680	264	19	1	1	0.00	2.26	0
21470030+	21470029	11.59	3 1-	2 ACSR 6/1	0	0	672	263	16	1	1	0.00	2.26	0
214700063+	21470030	11.71	2 1-	2 ACSR 6/1	0	0	664	262	10	0	0	0.00	2.26	0
21370010+	21470063	11.76	1 1-	2 ACSR 6/1	0	0	662	261	7	0	0	0.00	2.26	0
21470031+	21470027	11.51	44 1-	2 ACSR 6/1	0	0	678	264	194	13	7	0.02	3.57	2
21470033+	21470031	11.57	42 1-	2 ACSR 6/1	0	0	673	263	187	12	7	0.01	3.58	2
21470038+	21470033	11.63	41 1-	2 ACSR 6/1	0	0	670	263	181	12	7	0.01	3.60	2
214700040+	21470038	11.76	35 1-	2 ACSR 6/1	0	0	661	261	152	10	6	0.02	3.62	2
21470036+	21470040	11.80	32 1-	2 ACSR 6/1	0	0	659	261	143	9	5	0.01	3.62	0
D21-47-P022+	21470036	11.80	11 1-	REC-25-E	0	0	659	261	47	3	13	0.00	3.62	0
214700051+	D21-47-P022	11.85	11 1-	2 ACSR 6/1	0	0	656	260	47	3	2	0.00	3.62	0
214700052+	21470051	12.17	8 1-	2 ACSR 6/1	0	0	637	258	33	2	1	0.01	3.63	0
D21-47-P028+	21470052	12.17	1 1-	FUS	0	0	637	258	2	0	3	0.00	3.63	0
214700061+	D21-47-P028	12.31	1 1-	2 ACSR 6/1	0	0	629	256	2	0	0	0.00	3.63	0
214700044+	21470052	12.25	6 1-	2 ACSR 6/1	0	0	632	257	28	1	1	0.00	3.64	0
214700045+	21470044	12.28	5 1-	2 ACSR 6/1	0	0	631	257	20	1	1	0.00	3.64	0
214700043+	21470052	12.23	1 1-	2 ACSR 6/1	0	0	633	257	3	0	0	0.00	3.63	0
214700025+	21470036	11.85	20 1-	2 ACSR 6/1	0	0	656	261	88	6	3	0.00	3.63	0
214700041+	21470025	11.94	7 1-	2 ACSR 6/1	0	0	650	260	37	2	1	0.00	3.63	0
214700060+	21470041	12.20	5 1-	2 ACSR 6/1	0	0	635	257	15	1	1	0.00	3.63	0
214700059+	21470060	12.28	5 1-	2 ACSR 6/1	0	0	630	256	15	1	1	0.00	3.63	0
214700054+	21470059	12.42	3 1-	2 ACSR 6/1	0	0	622	255	7	0	0	0.00	3.63	0
214700042+	21470041	12.09	1 1-	2 ACSR 6/1	0	0	641	258	15	1	1	0.00	3.63	0
214700026+	21470025	11.99	13 1-	2 ACSR 6/1	0	0	647	259	51	3	2	0.01	3.63	0
214700047+	21470026	12.23	13 1-	2 ACSR 6/1	0	0	633	257	51	3	2	0.01	3.65	0
214700048+	21470047	12.28	12 1-	2 ACSR 6/1	0	0	630	257	51	3	2	0.00	3.65	0
214700049+	21470048	12.45	11 1-	2 ACSR 6/1	0	0	621	255	50	3	2	0.01	3.66	0
214700050+	21470049	12.51	10 1-	2 ACSR 6/1	0	0	618	254	40	2	2	0.00	3.66	0
214700053+	21470050	12.56	9 1-	2 ACSR 6/1	0	0	615	254	34	2	1	0.00	3.66	0
215700005+	21470053	12.60	5 1-	2 ACSR 6/1	0	0	612	254	15	1	1	0.00	3.66	0
215700006+	21570005	12.68	1 1-	2 ACSR 6/1	0	0	608	253	5	0	0	0.00	3.66	0
215700004+	21570005	12.70	4 1-	2 ACSR 6/1	0	0	608	253	10	0	0	0.00	3.66	0
215700001+	21470053	12.59	3 1-	2 ACSR 6/1	0	0	613	254	15	1	1	0.00	3.66	0
215700002+	21570001	12.65	1 1-	2 ACSR 6/1	0	0	610	253	0	0	0	0.00	3.66	0
215700003+	21570002	12.81	1 1-	2 ACSR 6/1	0	0	602	252	0	0	0	0.00	3.66	0
215600001+	21570003	13.03	0 1-	2 ACSR 6/1	0	0	591	250	0	0	0	0.00	3.66	0
214700046+	21470050	12.59	1 1-	2 ACSR 6/1	0	0	613	254	6	0	0	0.00	3.66	0
214700039+	21470038	11.68	2 1-	2 ACSR 6/1	0	0	666	262	14	0	1	0.00	3.60	0
214700034+	21470039	11.73	1 1-	2 ACSR 6/1	0	0	663	262	9	0	0	0.00	3.60	0
21470035+	21470034	11.78	1 1-	2 ACSR 6/1	0	0	660	261	9	0	0	0.00	3.60	0
214700064+	21470038	11.70	1 1-	2 ACSR 6/1	0	0	665	262	3	0	0	0.00	3.60	0
214700037+	21470038	11.69	1 1-	2 ACSR 6/1	0	0	666	262	5	0	0	0.00	3.60	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21470032+	21470031	11.55	1 1-	2 ACSR 6/1	0	0	675	263	4	0	0	0.00	3.57	0
21470028+	21470027	11.46	2 1-	2 ACSR 6/1	0	0	680	264	7	0	0	0.00	4.46	0
21470019+	21470015	11.41	11 1-	2 ACSR 6/1	0	0	683	265	47	3	2	0.00	2.26	0
20851891+	21470019	11.52	10 1-	2 ACSR 6/1	0	0	676	263	43	2	2	0.00	2.27	0
20851873+	20851891	11.57	1 1-	2 ACSR 6/1	0	0	672	263	2	0	0	0.00	2.27	0
20850086+	20851891	11.60	7 1-	2 ACSR 6/1	0	0	670	263	34	2	1	0.00	2.27	0
20850087+	20850086	11.72	6 1-	2 ACSR 6/1	0	0	663	262	29	1	1	0.00	2.27	0
20851875+	20850087	11.82	0 1-	2 ACSR 6/1	0	0	657	261	0	0	0	0.00	2.27	0
20851874+	20850087	11.75	1 1-	2 ACSR 6/1	0	0	661	261	5	0	0	0.00	2.27	0
20851892+	20850087	11.80	5 1-	2 ACSR 6/1	0	0	658	261	24	1	1	0.00	2.28	0
20851896+	20851892	11.99	1 1-	2 ACSR 6/1	0	0	647	259	8	0	0	0.00	2.28	0
20851893+	20851892	11.88	1 1-	2 ACSR 6/1	0	0	653	260	7	0	0	0.00	2.28	0
21470016+	21470015	11.41	0 1-	2 ACSR 6/1	0	0	683	265	0	0	0	0.00	4.46	0
20851888+	21470014	11.35	0 1-	2 ACSR 6/1	0	0	686	265	0	0	0	0.00	3.53	0
21470013+	21470021	11.28	1 1-	2 ACSR 6/1	0	0	690	266	46	3	2	0.00	4.46	0
21470023+	21470013	11.32	1 1-	2 ACSR 6/1	0	0	688	265	46	3	2	0.00	4.46	0
21470024+	21470023	11.35	1 1-	2 ACSR 6/1	0	0	686	265	46	3	2	0.00	4.46	0
21470018+	21470024	11.39	0 1-	2 ACSR 6/1	0	0	683	264	0	0	0	0.00	4.46	0
21470022+	21470013	11.31	0 1-	2 ACSR 6/1	0	0	688	265	0	0	0	0.00	4.46	0
21470012+	21460003	11.15	2 1-	2 ACSR 6/1	0	0	698	266	9	0	0	0.00	3.51	0
21470062+	21470012	11.24	0 1-	2 ACSR 6/1	0	0	691	265	0	0	0	0.00	3.51	0
21370009+	21470062	11.31	0 1-	2 ACSR 6/1	0	0	687	265	0	0	0	0.00	3.51	0
21470011+	21460003	11.13	1 1-	2 ACSR 6/1	0	0	699	267	9	0	0	0.00	4.45	0
21470017+	21460003	11.17	2 1-	2 ACSR 6/1	0	0	696	266	6	0	0	0.00	3.51	0
20852342+	20852346	10.85	2 1-	2 ACSR 6/1	0	0	715	269	13	0	0	0.00	3.47	0
20852349+	20852347	10.70	1 1-	2 ACSR 6/1	0	0	724	270	7	0	0	0.00	3.44	0
20852348+	20852347	10.71	4 1-	2 ACSR 6/1	0	0	724	270	18	1	1	0.00	4.43	0
20852122+	20852121	10.48	10 1-	2 ACSR 6/1	0	0	737	271	52	3	2	0.00	4.42	0
20852123+	20852122	10.54	9 1-	2 ACSR 6/1	0	0	733	271	46	3	2	0.00	4.42	0
20852353+	20852123	10.61	2 1-	2 ACSR 6/1	0	0	728	270	6	0	0	0.00	4.42	0
20852337+	20852353	10.65	1 1-	2 ACSR 6/1	0	0	725	269	4	0	0	0.00	4.42	0
20852352+	20852123	10.64	5 1-	2 ACSR 6/1	0	0	726	270	27	1	1	0.00	4.42	0
21460009+	20852352	10.68	3 1-	2 ACSR 6/1	0	0	723	269	20	1	1	0.00	4.42	0
21460011+	21460009	10.73	1 1-	2 ACSR 6/1	0	0	719	269	8	0	0	0.00	4.42	0
21460010+	21460009	10.74	2 1-	2 ACSR 6/1	0	0	718	269	12	0	0	0.00	4.42	0
21460013+	21460010	10.92	1 1-	2 ACSR 6/1	0	0	705	267	8	0	0	0.00	4.42	0
20852117+	20852123	10.61	1 1-	2 ACSR 6/1	0	0	728	270	5	0	0	0.00	4.42	0
21360024+	21360021	9.97	27 1-	2 ACSR 6/1	0	0	772	275	123	8	5	0.00	4.36	0
D21-36-P065+	21360024	9.97	26 1-	RCC-25-E	0	0	772	275	122	8	34	0.00	4.36	0
21360023+	D21-36-P065	9.99	26 1-	2 ACSR 6/1	0	0	770	275	122	8	5	0.00	4.37	0
20850896+	21360023	10.02	25 1-	2 ACSR 6/1	0	0	768	275	120	8	5	0.00	4.37	0
20850897+	20850896	10.06	24 1-	2 ACSR 6/1	0	0	764	274	114	7	4	0.01	4.37	0
20851088+	20850897	10.12	14 1-	2 ACSR 6/1	0	0	760	274	65	4	3	0.00	4.38	0
20851528+	20851088	10.22	13 1-	2 ACSR 6/1	0	0	752	273	57	3	2	0.01	4.38	0
20851529+	20851528	10.27	12 1-	2 ACSR 6/1	0	0	748	272	51	3	2	0.00	4.39	0
21350016+	20851529	10.32	11 1-	2 ACSR 6/1	0	0	744	271	45	3	2	0.00	4.39	0
21350019+	21350016	10.37	4 1-	2 ACSR 6/1	0	0	740	271	12	0	0	0.00	4.39	0
21350020+	21350019	10.40	2 1-	2 ACSR 6/1	0	0	737	271	8	0	0	0.00	4.39	0
21350023+	21350020	10.56	1 1-	2 ACSR 6/1	0	0	725	269	3	0	0	0.00	4.39	0
21350021+	21350019	10.42	2 1-	2 ACSR 6/1	0	0	735	270	4	0	0	0.00	4.39	0
21350022+	21350021	10.45	1 1-	2 ACSR 6/1	0	0	733	270	4	0	0	0.00	4.39	0
21350017+	21350016	10.38	7 1-	2 ACSR 6/1	0	0	739	271	32	2	1	0.00	4.39	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
21350026+	21350017	10.45	6 1-	2 ACSR 6/1	0	0	733	270	24	1	1	0.00	4.39	0
21350027+	21350026	10.50	2 1-	2 ACSR 6/1	0	0	729	270	6	0	0	0.00	4.39	0
21350028+	21350027	10.56	1 1-	2 ACSR 6/1	0	0	725	269	5	0	0	0.00	4.39	0
21350024+	21350026	10.60	4 1-	2 ACSR 6/1	0	0	722	269	18	1	1	0.00	4.39	0
21350025+	21350024	10.68	3 1-	2 ACSR 6/1	0	0	716	268	15	1	1	0.00	4.40	0
20850085+	21350025	10.77	1 1-	2 ACSR 6/1	0	0	709	267	5	0	0	0.00	4.40	0
20852079+	21350025	10.70	2 1-	2 ACSR 6/1	0	0	715	268	10	0	0	0.00	4.40	0
20852001+	20852079	10.88	2 1-	2 ACSR 6/1	0	0	702	266	10	0	0	0.00	4.40	0
20852002+	20852001	11.06	1 1-	2 ACSR 6/1	0	0	689	264	6	0	0	0.00	4.40	0
20852080+	20852002	11.16	1 1-	2 ACSR 6/1	0	0	682	263	6	0	0	0.00	4.40	0
20850900+	20850897	10.13	9 1-	2 ACSR 6/1	0	0	758	273	43	2	2	0.00	4.38	0
20850901+	20850900	10.22	8 1-	2 ACSR 6/1	0	0	751	272	40	2	2	0.00	4.38	0
20850899+	20850901	10.31	7 1-	2 ACSR 6/1	0	0	745	272	31	2	1	0.00	4.38	0
20851086+	20850899	10.40	5 1-	2 ACSR 6/1	0	0	737	271	25	1	1	0.00	4.39	0
20851087+	20851086	10.52	1 1-	2 ACSR 6/1	0	0	728	269	5	0	0	0.00	4.39	0
20851057+	20851086	10.58	3 1-	2 ACSR 6/1	0	0	723	269	15	1	1	0.00	4.39	0
21350029+	20851057	10.61	2 1-	2 ACSR 6/1	0	0	721	269	13	0	0	0.00	4.39	0
21350030+	21350029	10.68	1 1-	2 ACSR 6/1	0	0	716	268	8	0	0	0.00	4.39	0
21350031+	21350030	10.79	1 1-	2 ACSR 6/1	0	0	708	267	8	0	0	0.00	4.39	0
20850874+	20850899	10.37	1 1-	2 ACSR 6/1	0	0	740	271	3	0	0	0.00	4.38	0
20850898+	20850901	10.29	1 1-	2 ACSR 6/1	0	0	746	272	9	0	0	0.00	4.38	0
20850895+	21360023	10.03	1 1-	2 ACSR 6/1	0	0	767	274	2	0	0	0.00	4.37	0
20851089+	21360024	10.03	1 1-	2 ACSR 6/1	0	0	767	274	1	0	0	0.00	4.36	0
20851090+	20851089	10.11	0 1-	2 ACSR 6/1	0	0	761	274	0	0	0	0.00	4.36	0
20850787+	20850785	9.81	2 1-	2 ACSR 6/1	0	0	783	276	11	0	0	0.00	3.25	0
20850786+	20850785	9.80	1 1-	2 ACSR 6/1	0	0	784	276	6	0	0	0.00	4.32	0
20851410+	20850785	9.76	1 1-	2 ACSR 6/1	0	0	787	277	3	0	0	0.00	3.25	0
21260009+	21260007	9.19	1 1-	2 ACSR 6/1	0	0	830	281	8	0	0	0.00	3.10	0
20851093+	21260009	9.25	1 1-	2 ACSR 6/1	0	0	824	280	8	0	0	0.00	3.10	0
21260008+	21260007	9.15	1 1-	2 ACSR 6/1	0	0	834	281	11	0	0	0.00	4.19	0
21260004+	21260001	8.93	1 1-	2 ACSR 6/1	0	0	852	283	6	0	0	0.00	2.18	0
21260003+	21260027	8.87	0 1-	2 ACSR 6/1	0	0	857	284	0	0	0	0.00	2.17	0
21260003+	21260003	8.87	0 1-	Open	0	0	857	284	0	0	0	0.00	2.17	0
21260019+	21260013	8.27	1 1-	2 ACSR 6/1	0	0	910	288	7	0	0	0.00	2.12	0
21260012+	21160048	8.21	5 1-	2 ACSR 6/1	0	0	918	289	19	1	1	0.00	2.12	0
21260018+	21260012	8.23	3 1-	2 ACSR 6/1	0	0	915	289	11	0	0	0.00	2.12	0
21260016+	21260018	8.27	1 1-	2 ACSR 6/1	0	0	911	288	3	0	0	0.00	2.12	0
21260017+	21260016	8.29	0 1-	2 ACSR 6/1	0	0	908	288	0	0	0	0.00	2.12	0
21160055+	20851159	8.13	1 1-	1/0 ACSR 6/1	0	0	926	290	4	0	0	0.00	2.84	0
20851158+	20851159	8.13	4 1-	2 ACSR 6/1	0	0	924	289	21	1	1	0.00	3.96	0
20851291+	20851158	8.16	3 1-	2 ACSR 6/1	0	0	921	289	14	0	1	0.00	3.96	0
21160057+	20851291	8.25	1 1-	2 ACSR 6/1	0	0	910	288	7	0	0	0.00	3.96	0
20851157+	20851156	8.04	1 1-	2 ACSR 6/1	0	0	934	290	8	0	0	0.00	2.82	0
20851936+	21160044	7.42	1 1-	2 ACSR 6/1	0	0	1001	295	7	0	0	0.00	1.95	0
20850634+	20850529	6.36	1 1-	2 ACSR 6/1	0	0	1139	304	6	0	0	0.00	3.42	0
21070036+	21070012	5.81	2 1-	2 ACSR 6/1	0	0	1230	309	4	0	0	0.00	1.57	0
21070033+	21070011	5.39	2 1-	2 ACSR 6/1	0	0	1307	313	3	0	0	0.00	1.92	0
21070015+	21080005	4.93	3 1-	2 ACSR 6/1	0	0	1421	319	9	0	0	0.00	1.62	0
21070013+	21070015	5.00	2 1-	2 ACSR 6/1	0	0	1404	318	2	0	0	0.00	1.62	0
21080011+	21070013	5.06	1 1-	2 ACSR 6/1	0	0	1389	317	0	0	0	0.00	1.62	0
21080021+	21080026	4.70	1 1-	2 ACSR 6/1	0	0	1484	322	6	0	0	0.00	1.48	0
15980013+	20851619	4.27	0 1-	2 ACSR 6/1	0	0	1599	326	0	0	0	0.00	2.30	0

Title: CUMBERLAND VALLEY ELECTRIC COOPERATIVE - KENTUCKY 57 BELL - GRAY, KENTUCKY
 Case: 2007 - 2010 CONSTRUCTION WORK PLAN - FUTURE WINTER 2010/11 SYSTEM AFTER SYSTEM IMPROVEMENTS
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

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

SUB	85 total losses:	\$16,114												

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE	
SECT	SECT	CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
SUB 87	BACONCREEK(87)		135		5330	5376	5499	190	4407						
SUB 87,	CKT 1														
BK87-01	BACONCREEK(87)	0.00	29 3-	BK8701	5330	5376	5499	190	1905	82 41	0.00	0.00	0.00	0	
9640213	BK87-01	0.04	29 3-	4/0 ACSR 6/1	5219	5252	5312	190	1905	82 24	0.03	0.03	0.03	40	
9640167	9640213	0.05	0 3-	4/0 ACSR 6/1	5205	5237	5290	190	0	0 0	0.00	0.00	0.03	0	
09-64-P093-A	9640167	0.05	0 3-	Open	5205	5237	5290	190	0	0 0	0.00	0.00	0.03	0	
9640164	9640213	0.06	29 3-	4/0 ACSR 6/1	5167	5194	5226	190	1905	82 24	0.02	0.02	0.05	19	
9640170	9640164	0.22	28 3-	4/0 ACSR 6/1	4776	4753	4615	190	1901	82 24	0.13	0.18	0.18	154	
9640171	9640170	0.26	24 3-	4/0 ACSR 6/1	4682	4648	4476	189	1891	82 24	0.03	0.21	0.21	40	
9640052	9640171	0.31	23 3-	4/0 ACSR 6/1	4560	4510	4298	189	1859	80 24	0.05	0.26	0.26	53	
9640201	9640052	0.36	23 3-	4/0 ACSR 6/1	4471	4410	4172	189	1858	80 24	0.03	0.29	0.40	0	
CAP155	9640201	0.36	23 3-	Capacitor	0	0	0	0	1858	80 0	0.00	0.29	0		
9640165	CAP155	0.38	0 1-	2 ACSR 6/1	0	0	4079	189	0	0 0	0.00	0.24	0		
9640053	CAP155	0.41	23 3-	4/0 ACSR 6/1	4369	4297	4031	189	1858	82 24	0.04	0.34	0.50	0	
D09-64-P192	9640053	0.41	1 1-	FUS	0	0	4031	189	1	0 4	0.00	0.28	0		
9640166	D09-64-P192	0.47	1 1-	2 ACSR 6/1	0	0	3830	188	1	0 0	0.00	0.28	0		
9640133	9640166	0.54	1 1-	2 ACSR 6/1	0	0	3628	188	1	0 0	0.00	0.28	0		
9640189	9640053	0.45	22 3-	4/0 ACSR 6/1	4290	4209	3924	189	1856	82 24	0.04	0.37	0.40	0	
9640200	9640189	0.49	1 3-	4/0 ACSR 6/1	4216	4127	3826	189	63	2 1	0.00	0.37	0		
9640202	9640189	0.53	21 3-	336 ACSR 18/1	4161	4063	3751	189	1793	79 15	0.05	0.43	0.49	0	
9640218	9640202	0.57	1 3-	15 KV 2 URD XLP	4122	4028	3704	490	84	3 2	0.00	0.43	0		
9640217	9640202	0.63	19 3-	336 ACSR 18/1	4019	3955	3566	188	651	29 6	0.02	0.45	8		
9630211	9640217	0.68	19 3-	4/0 ACSR 6/1	3941	3821	3469	188	651	29 9	0.02	0.46	6		
9630212	9630211	0.70	11 3-	4/0 ACSR 6/1	3901	3777	3419	188	370	16 5	0.01	0.47	0		
9630142	9630212	0.71	1 3-	4/0 ACSR 6/1	3890	3766	3406	188	48	2 1	0.00	0.47	0		
9630141	9630212	0.75	1 3-	4/0 ACSR 6/1	3830	3701	3332	188	53	2 1	0.00	0.47	0		
9630213	9630212	0.73	9 3-	4/0 ACSR 6/1	3856	3730	3365	188	269	12 4	0.00	0.47	0		
D09-63-P118	9630213	0.73	9 3-	REC-50-H	3856	3730	3365	188	269	12 24	0.00	0.47	0		
9630223	D09-63-P118	0.79	9 3-	4/0 ACSR 6/1	3768	3634	3257	188	269	12 4	0.01	0.48	1		
9630122	9630223	0.87	2 3-	2 ACSR 6/1	3617	3467	3087	187	79	3 2	0.01	0.49	0		
9630225	9630122	0.88	1 3-	2 ACSR 6/1	3584	3430	3050	187	74	3 2	0.00	0.49	0		
9630224	9630223	0.86	4 3-	4/0 ACSR 6/1	3667	3527	3138	188	185	8 2	0.01	0.49	0		
9630139	9630224	0.90	3 3-	4/0 ACSR 6/1	3610	3466	3071	188	138	6 2	0.00	0.49	0		
9630140	9630139	0.95	2 3-	4/0 ACSR 6/1	3545	3398	2996	187	133	6 2	0.00	0.49	0		
9630018	9630140	0.97	2 3-	4/0 ACSR 6/1	3512	3363	2959	187	133	6 2	0.00	0.49	0		
9640190	9630018	1.01	1 3-	4/0 ACSR 6/1	3460	3308	2900	187	5	0 0	0.00	0.49	0		
9630167	9630224	0.88	1 3-	4/0 ACSR 6/1	3640	3498	3106	188	46	2 1	0.00	0.49	0		
9630002	9630167	0.89	0 3-	4/0 ACSR 6/1	3622	3479	3085	188	0	0 0	0.00	0.49	0		
9630218	9630211	0.74	8 3-	4/0 ACSR 6/1	3850	3722	3356	188	281	12 4	0.01	0.47	2		
9630145	9630218	0.76	1 3-	4/0 ACSR 6/1	3812	3682	3310	188	59	2 1	0.00	0.47	0		
9630143	9630218	0.74	3 3-	4/0 ACSR 6/1	3839	3711	3343	188	215	9 3	0.00	0.47	0		
9630144	9630143	0.75	3 3-	4/0 ACSR 6/1	3826	3696	3327	188	215	9 3	0.00	0.47	0		
9630217	9630218	0.78	4 3-	4/0 ACSR 6/1	3786	3654	3279	188	6	0 0	0.00	0.47	0		
9630216	9630217	0.81	4 3-	4/0 ACSR 6/1	3743	3608	3228	188	6	0 0	0.00	0.47	0		
9630221	9630216	1.01	4 3-	4/0 ACSR 6/1	3464	3313	2905	187	6	0 0	0.00	0.47	0		
9630160	9630221	1.13	4 1-	2 ACSR 6/1	0	0	2693	186	6	0 0	0.00	0.47	0		
9630158	9630160	1.20	3 1-	2 ACSR 6/1	0	0	2573	186	5	0 0	0.00	0.48	0		
9630138	9630221	1.24	0 3-	4/0 ACSR 6/1	3194	3031	2609	186	0	0 0	0.00	0.47	0		
9630123	9630138	1.31	0 3-	4/0 ACSR 6/1	3115	2950	2526	186	0	0 0	0.00	0.47	0		
NEW LP1	9640202	0.53	1 3-	Consumer	0	0	0	0	1057	46 0	0.00	0.43	0		
9640185	9640171	0.38	1 3-	1/0 ACSR 6/1	4370	4296	4054	189	32	1 1	0.00	0.22	0		
9640186	9640185	0.50	1 3-	15 KV 2 URD XLP	4210	4155	3858	486	32	1 1	0.00	0.22	0		

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9640054	9640170	0.27	4 1-	2 ACSR 6/1	0	0	4407	189	9	1	1	0.00	0.15	0
9640169	9640164	0.14	1 3-	4/0 ACSR 6/1	4952	4952	4883	190	4	0	0	0.00	0.05	0
CKT 1	total losses:		\$502											
SUB 87, CKT 2														
BK87-02	BACONCREEK(87)	0.00	5 3-	BK8702	5330	5376	5499	190	1450	65	33	0.00	0.00	0
9640214	BK87-02	0.05	5 3-	4/0 ACSR 6/1	5189	5219	5263	190	1450	65	19	0.04	0.04	32
9640168	9640214	0.06	0 3-	4/0 ACSR 6/1	5173	5201	5237	190	0	0	0	0.00	0.04	0
09-64-P093-B	9640168	0.06	0 3-	Open	5173	5201	5237	190	0	0	0	0.00	0.04	0
9640150	9640214	0.08	5 3-	4/0 ACSR 6/1	5121	5143	5152	190	1450	65	19	0.02	0.06	16
9640155	9640150	0.13	2 3-	4/0 ACSR 6/1	4994	5000	4950	190	1446	65	19	0.04	0.09	31
9640152	9640155	0.21	2 3-	4/0 ACSR 6/1	4789	4768	4633	190	1446	65	19	0.06	0.16	53
9640064	9640152	0.45	2 3-	4/0 ACSR 6/1	4281	4199	3912	189	1445	65	19	0.18	0.33	149
9640145	9640064	0.47	2 3-	4/0 ACSR 6/1	4239	4153	3856	189	1444	65	19	0.02	0.35	14
9640146	9640145	0.48	2 3-	4/0 ACSR 6/1	4221	4133	3833	189	1443	65	19	0.01	0.36	6
9640151	9640146	0.49	2 3-	4/0 ACSR 6/1	4212	4123	3821	189	1443	65	19	0.00	0.36	3
09-64-P123-B	9640151	0.49	2 3-	Closed	4212	4123	3821	189	1443	65	0	0.00	0.36	0
09-64-P123-A	09-64-P123-B	0.49	2 3-	Closed	4212	4123	3821	189	1443	65	0	0.00	0.36	0
9640196	09-64-P123-A	0.49	2 3-	4/0 ACSR 6/1	4204	4114	3810	189	1443	65	19	0.00	0.36	3
9640206	9640196	0.52	2 3-	4/0 ACSR 6/1	4152	4056	3741	189	1443	65	19	0.02	0.39	18
9640830	9640206	0.52	2 3-	Consumer	4152	4056	3741	189	1443	65	0	0.00	0.39	0
9640205	9640206	0.53	0 3-	4/0 ACSR 6/1	4143	4047	3730	189	0	0	0	0.00	0.39	0
09-64-P139-B	9640205	0.53	0 3-	Closed	4143	4047	3730	189	0	0	0	0.00	0.39	0
09-64-P139-A	09-64-P139-B	0.53	0 3-	Closed	4143	4047	3730	189	0	0	0	0.00	0.39	0
9640148	09-64-P139-A	0.53	0 3-	4/0 ACSR 6/1	4134	4037	3718	189	0	0	0	0.00	0.39	0
9640147	9640148	0.57	0 3-	4/0 ACSR 6/1	4059	3955	3622	188	0	0	0	0.00	0.39	0
9640142	9640148	0.84	0 3-	4/0 ACSR 6/1	3638	3500	3108	187	0	0	0	0.00	0.39	0
9540031	9640142	0.95	0 3-	15 KV 2 URD XLP	3522	3386	2986	477	0	0	0	0.00	0.39	0
9540030	9640142	0.86	0 3-	4/0 ACSR 6/1	3613	3473	3078	187	0	0	0	0.00	0.39	0
9640194	9640196	0.50	0 3-	4/0 ACSR 6/1	4196	4105	3799	189	0	0	0	0.00	0.36	0
09-64-P124-B	9640194	0.50	0 3-	Open	4196	4105	3799	189	0	0	0	0.00	0.36	0
CKT 2	total losses:		\$325											
SUB 87, CKT 3														
BK87-03	BACONCREEK(87)	0.00	101 3-	BK8703	5330	5376	5499	190	1052	43	22	0.00	0.00	0
9640215	BK87-03	0.04	101 3-	4/0 ACSR 6/1	5223	5257	5319	190	1052	43	13	0.01	0.01	11
C09-64-P221	9640215	0.04	0 3-	Capacitor	5223	5257	5319	190	0	-13	0	0.00	0.01	0
9640154	9640215	0.09	101 3-	4/0 ACSR 6/1	5083	5100	5091	190	1052	46	14	0.03	0.04	16
9640153	9640154	0.25	86 3-	4/0 ACSR 6/1	4711	4679	4517	189	553	23	7	0.04	0.07	12
9640055	9640153	0.30	83 3-	4/0 ACSR 6/1	4591	4545	4343	189	512	21	6	0.01	0.08	4
9640163	9640055	0.32	0 1-	2 ACSR 6/1	0	0	4251	189	0	0	0	0.00	0.09	0
9640056	9640055	0.34	83 3-	4/0 ACSR 6/1	4500	4443	4213	189	512	21	6	0.01	0.09	3
9640143	9640056	0.35	3 3-	4/0 ACSR 6/1	4484	4425	4191	189	18	0	0	0.00	0.09	0
9640144	9640143	0.37	3 3-	4/0 ACSR 6/1	4436	4372	4124	189	18	0	0	0.00	0.09	0
9640067	9640056	0.38	25 3-	2 ACSR 6/1	4406	4335	4086	189	148	6	4	0.01	0.10	0
9640069	9640067	0.42	25 3-	2 ACSR 6/1	4307	4221	3954	189	148	6	4	0.01	0.10	0
9640172	9640069	0.45	13 3-	2 ACSR 6/1	4220	4122	3843	188	106	4	3	0.00	0.11	0
9640173	9640172	0.46	13 3-	2 ACSR 6/1	4199	4098	3816	188	106	4	3	0.00	0.11	0
9640175	9640173	0.55	12 3-	2 ACSR 6/1	3982	3854	3550	187	92	4	2	0.00	0.12	0
D09-64-P037	9640175	0.55	5 1-	FUS-40	0	0	3550	187	29	3	10	0.00	0.12	0
9640176	D09-64-P037	0.65	5 1-	2 ACSR 6/1	0	0	3280	187	29	3	2	0.01	0.13	0
9640075	9640176	0.73	3 1-	2 ACSR 6/1	0	0	3089	186	18	2	1	0.00	0.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9640187	9640075	0.79	0 1-	2 ACSR 6/1	0	0	2956	186	0	0	0	0.00	0.13	0
9640177	9640175	0.58	7 3-	2 ACSR 6/1	3906	3769	3460	187	63	2	2	0.00	0.12	0
D09-64-P140	9640177	0.58	5 3-	FUS	3906	3769	3460	187	30	1	31	0.00	0.12	0
9640179	D09-64-P140	0.64	5 3-	2 ACSR 6/1	3766	3614	3299	187	30	1	1	0.00	0.12	0
9640180	9640179	0.73	3 3-	2 ACSR 6/1	3578	3409	3091	186	25	1	1	0.00	0.13	0
9640181	9640180	0.83	1 3-	2 ACSR 6/1	3367	3181	2866	185	24	1	1	0.00	0.13	0
9640178	9640177	0.62	1 3-	2 ACSR 6/1	3823	3676	3364	187	32	1	1	0.00	0.12	0
9640174	9640173	0.55	1 3-	2 ACSR 6/1	3971	3841	3536	187	14	0	0	0.00	0.11	0
9640197	9640173	0.47	0 3-	2 ACSR 6/1	4162	4057	3770	188	0	0	0	0.00	0.11	0
9640070	9640069	0.44	9 3-	4/0 ACSR 6/1	4265	4174	3898	188	29	1	0	0.00	0.10	0
9640071	9640070	0.47	4 3-	4/0 ACSR 6/1	4214	4118	3830	188	14	0	0	0.00	0.10	0
9640072	9640056	0.38	55 3-	4/0 ACSR 6/1	4420	4354	4102	189	346	14	4	0.01	0.10	1
9640073	9640072	0.42	54 3-	4/0 ACSR 6/1	4342	4267	3995	189	343	14	4	0.00	0.10	1
9640077	9640073	0.45	4 3-	4/0 ACSR 6/1	4292	4211	3927	189	48	2	1	0.00	0.10	0
9640074	9640073	0.46	49 3-	4/0 ACSR 6/1	4260	4175	3884	189	287	12	4	0.00	0.11	0
D09-64-P122	9640074	0.46	49 3-	REC-100-L	4260	4175	3884	189	287	12	12	0.00	0.11	0
9640076	D09-64-P122	0.47	49 3-	4/0 ACSR 6/1	4245	4159	3864	189	287	12	4	0.00	0.11	0
9640050	9640076	0.50	48 3-	4/0 ACSR 6/1	4187	4096	3788	189	286	12	4	0.00	0.11	0
9640049	9640050	0.58	47 3-	4/0 ACSR 6/1	4048	3943	3608	188	284	12	4	0.01	0.12	0
9540055	9640049	0.61	46 3-	4/0 ACSR 6/1	3992	3881	3536	188	263	11	3	0.00	0.13	2
9540056	9540055	0.67	46 3-	1/0 ACSR 6/1	3887	3766	3413	188	262	11	5	0.01	0.13	2
9540057	9540056	0.69	45 3-	1/0 ACSR 6/1	3844	3719	3363	188	251	10	5	0.00	0.14	0
9540052	9540057	0.71	39 3-	1/0 ACSR 6/1	3804	3675	3317	188	237	10	4	0.00	0.14	0
9540026	9540052	0.76	1 3- 15	KV 2 URD XLP	3745	3619	3253	482	93	4	3	0.00	0.15	0
9540034	9540026	0.81	0 3- 15	KV 2 URD XLP	3690	3565	3193	479	0	0	0	0.00	0.15	0
9540027	9540052	0.72	38 3-	1/0 ACSR 6/1	3785	3655	3295	188	144	6	3	0.00	0.14	0
9540054	9540027	0.76	2 1-	2 ACSR 6/1	0	0	3210	187	2	0	0	0.00	0.14	0
9540039	9540027	0.76	36 3-	1/0 ACSR 6/1	3714	3577	3215	187	141	5	3	0.00	0.15	0
9540040	9540039	0.81	34 3-	1/0 ACSR 6/1	3631	3488	3123	187	136	5	2	0.00	0.15	0
9540063	9540040	0.83	5 1-	2 ACSR 6/1	0	0	3071	187	35	4	2	0.00	0.15	0
D09-54-P023	9540063	0.83	5 1-	FUS-30	0	0	3071	187	35	4	16	0.00	0.15	0
9540062	D09-54-P023	0.89	5 1-	2 ACSR 6/1	0	0	2953	187	35	4	2	0.01	0.15	0
9540046	9540062	1.05	4 1-	2 ACSR 6/1	0	0	2666	185	26	3	2	0.01	0.17	0
9540041	9540046	1.11	3 1-	2 ACSR 6/1	0	0	2563	185	11	1	1	0.00	0.17	0
9540047	9540041	1.18	2 1-	2 ACSR 6/1	0	0	2451	184	4	0	0	0.00	0.17	0
9540042	9540040	0.84	29 3-	1/0 ACSR 6/1	3577	3430	3063	187	101	4	2	0.00	0.15	0
9540045	9540042	0.91	28 3-	1/0 ACSR 6/1	3468	3314	2946	187	100	4	2	0.00	0.16	0
9540044	9540045	1.02	1 1- 15	KV 2 URD XLP	0	0	2751	470	7	0	1	0.00	0.17	0
9540033	9540044	1.11	1 1- 15	KV 2 URD XLP	0	0	2611	463	7	0	1	0.00	0.17	0
9540043	9540045	1.00	26 3-	1/0 ACSR 6/1	3321	3158	2790	186	88	3	2	0.00	0.16	0
9540060	9540043	1.04	25 3-	1/0 ACSR 6/1	3260	3093	2727	186	87	3	2	0.00	0.17	0
9540061	9540060	1.11	24 3-	1/0 ACSR 6/1	3171	3000	2636	186	85	3	2	0.00	0.17	0
9540049	9540061	1.18	20 3-	1/0 ACSR 6/1	3069	2894	2534	185	77	3	1	0.00	0.17	0
D09-54-P010	9540049	1.18	2 1-	FUS-30	0	0	2534	185	5	0	2	0.00	0.14	0
9540064	D09-54-P010	1.27	2 1-	2 ACSR 6/1	0	0	2407	185	5	0	0	0.00	0.14	0
9540023	9540064	1.33	1 1-	2 ACSR 6/1	0	0	2326	184	3	0	0	0.00	0.14	0
9540022	9540064	1.35	1 1-	2 ACSR 6/1	0	0	2299	184	2	0	0	0.00	0.14	0
9540024	9540049	1.25	18 3-	1/0 ACSR 6/1	2978	2800	2444	185	72	3	1	0.00	0.18	0
9540036	9540024	1.27	4 1-	2 ACSR 6/1	0	0	2420	185	18	2	1	0.00	0.18	0
D09-54-P007	9540036	1.27	2 1-	FUS	0	0	2420	185	8	0	22	0.00	0.18	0
9540037	D09-54-P007	1.38	2 1-	2 ACSR 6/1	0	0	2270	184	8	0	1	0.00	0.19	0
9540050	9540024	1.38	14 3-	1/0 ACSR 6/1	2824	2642	2295	184	54	2	1	0.00	0.18	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
9530141	9540050	1.47	11 3-	1/0 ACSR 6/1	2728	2544	2203	184	46	1	1	0.00	0.18	0
9530157	9530141	1.53	2 1-	2 ACSR 6/1	0	0	2138	183	6	0	0	0.00	0.13	0
9530158	9530157	1.58	1 1-	2 ACSR 6/1	0	0	2078	183	3	0	0	0.00	0.13	0
9530142	9530141	1.52	9 3-	1/0 ACSR 6/1	2681	2497	2159	183	40	1	1	0.00	0.19	0
D09-53-P270	9530142	1.52	2 1-	FUS-30	0	0	2159	183	3	0	1	0.00	0.24	0
9530217	D09-53-P270	1.55	2 1-	2 ACSR 6/1	0	0	2117	183	3	0	0	0.00	0.24	0
9530023	9530142	1.55	7 1-	2 ACSR 6/1	0	0	2125	183	38	4	3	0.00	0.24	0
9530191	9530023	1.58	3 1-	2 ACSR 6/1	0	0	2092	183	11	1	1	0.00	0.24	0
9530192	9530191	1.67	2 1-	2 ACSR 6/1	0	0	1998	182	8	1	1	0.00	0.25	0
9530148	9530023	1.74	4 1-	2 ACSR 6/1	0	0	1928	182	26	3	2	0.02	0.26	0
9530159	9530148	1.86	4 1-	2 ACSR 6/1	0	0	1822	181	26	3	2	0.01	0.27	0
9530025	9530159	1.88	4 1-	2 ACSR 6/1	0	0	1807	181	26	3	2	0.00	0.28	0
9530147	9530025	1.97	3 1-	2 ACSR 6/1	0	0	1735	180	14	1	1	0.00	0.28	0
9530028	9530025	1.95	1 1-	2 ACSR 6/1	0	0	1749	180	12	1	1	0.00	0.28	0
9540032	9530028	2.10	1 1-	2 ACSR 6/1	0	0	1642	179	12	1	1	0.00	0.28	0
9530024	9530159	1.92	0 3-	2 ACSR 6/1	0	0	1776	180	0	0	0	0.00	0.27	0
9530140	9540050	1.40	3 1-	2 ACSR 6/1	0	0	2273	184	8	0	1	0.00	0.23	0
9540048	9540061	1.13	3 1-	2 ACSR 6/1	0	0	2592	185	7	0	0	0.00	0.19	0
9540025	9540048	1.17	2 1-	2 ACSR 6/1	0	0	2532	185	7	0	0	0.00	0.19	0
9540051	9540057	0.71	6 1-	2 ACSR 6/1	0	0	3324	188	14	1	1	0.00	0.15	0
9540053	9540051	0.75	0 1-	2 ACSR 6/1	0	0	3215	187	0	0	0	0.00	0.15	0
9540035	9540051	0.76	6 1-	2 ACSR 6/1	0	0	3194	187	14	1	1	0.00	0.15	0
9540038	9540035	0.83	0 1-	2 ACSR 6/1	0	0	3046	187	0	0	0	0.00	0.15	0
9640191	9640073	0.44	0 3-	4/0 ACSR 6/1	4295	4214	3931	189	0	0	0	0.00	0.10	0
9640149	9640191	0.46	0 3-	4/0 ACSR 6/1	4269	4186	3896	189	0	0	0	0.00	0.10	0
9640192	9640149	0.46	0 3-	4/0 ACSR 6/1	4258	4174	3882	189	0	0	0	0.00	0.10	0
09-64-P124-A	9640192	0.46	0 3-	Open	4258	4174	3882	189	0	0	0	0.00	0.10	0
9640063	9640153	0.31	1 3-	4/0 ACSR 6/1	4567	4519	4309	189	38	1	1	0.00	0.07	0
9640156	9640154	0.14	4 3-	4/0 ACSR 6/1	4963	4964	4900	190	85	3	1	0.00	0.04	0
9640158	9640156	0.27	4 3-	4/0 ACSR 6/1	4650	4611	4428	189	85	3	1	0.00	0.04	0
9640159	9640158	0.28	3 3-	4/0 ACSR 6/1	4639	4599	4412	189	69	3	1	0.00	0.04	0
9640160	9640159	0.37	3 3- 15	KV 2 URD XLP	4517	4503	4252	492	69	3	2	0.01	0.05	0
9640161	9640160	0.43	2 3- 15	KV 2 URD XLP	4412	4407	4117	487	64	2	2	0.00	0.05	0
9640162	9640161	0.45	1 3- 15	KV 2 URD XLP	4387	4383	4085	486	32	1	1	0.00	0.05	0
9640157	9640156	0.20	0 1-	2 ACSR 6/1	0	0	4625	189	0	0	0	0.00	0.04	0
9640062	9640154	0.25	11 3-	4/0 ACSR 6/1	4689	4655	4486	189	414	18	6	0.03	0.07	8
9640061	9640062	0.32	10 3-	4/0 ACSR 6/1	4545	4494	4277	189	413	18	6	0.01	0.08	3
9640060	9640061	0.37	10 3-	4/0 ACSR 6/1	4439	4375	4128	189	413	18	6	0.01	0.10	3
9640048	9640060	0.39	5 3-	4/0 ACSR 6/1	4393	4323	4064	189	15	0	0	0.00	0.10	0
9640047	9640048	0.47	4 3-	4/0 ACSR 6/1	4237	4151	3854	189	13	0	0	0.00	0.10	0
9640046	9640047	0.53	4 3-	4/0 ACSR 6/1	4141	4044	3727	189	13	0	0	0.00	0.10	0
9640045	9640046	0.60	3 3-	4/0 ACSR 6/1	4014	3905	3564	188	10	0	0	0.00	0.10	0
9640188	9640045	0.67	1 1-	2 ACSR 6/1	0	0	3390	188	4	0	0	0.00	0.10	0
9640044	9640045	0.64	0 3-	4/0 ACSR 6/1	3951	3837	3485	188	0	0	0	0.00	0.10	0
9640131	9640044	0.66	0 3-	4/0 ACSR 6/1	3916	3799	3442	188	0	0	0	0.00	0.10	0
09-64-P027-B	9640131	0.66	0 3-	Open	3916	3799	3442	188	0	0	0	0.00	0.10	0
9640043	9640060	0.59	2 3-	4/0 ACSR 6/1	4029	3922	3583	188	215	9	3	0.02	0.12	3
9640065	9640043	0.62	2 3- 15	KV 2 URD XLP	3995	3890	3544	488	215	9	6	0.01	0.13	2
9641210	9640065	0.62	2 3-	Consumer	3995	3890	3544	488	215	9	0	0.00	0.13	0
9640058	9640060	0.41	3 3-	4/0 ACSR 6/1	4366	4293	4027	189	183	8	2	0.00	0.10	0
9640059	9640058	0.50	2 3-	4/0 ACSR 6/1	4187	4096	3788	189	180	8	2	0.01	0.11	0
9641240	9640059	0.50	2 3-	Consumer	4187	4096	3788	189	180	8	0	0.00	0.11	0

Title: CUMBERLAND VALLEY ELECTRIC COOPERATIVE - KENTUCKY 57 BELL - GRAY, KENTUCKY
 Case: 2007 - 2010 CONSTRUCTION WORK PLAN - FUTURE WINTER 2010/11 SYSTEM AFTER SYSTEM IMPROVEMENTS
 Patterson & Dewar Engineers, Inc. Norcross, Georgia

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

SUB	87	total losses:												\$898

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
SUB 103 CHAD(103)		1332			2811		2849		2941		356		10515		
SUB 103, CKT 1															
BK103-01+	CHAD(103)	0.00	140 3-	BK10301	2811	2849	2941	356	934	20	14	0.00	0.00	0	
38280092+	BK103-01	0.00	140 3-	266 ACSR 18/1	0	0	0	0	934	20	4	0.00	0.00	0	
D38-28-P040+	38280092	0.00	140 3-	REC-100-E	0	0	0	0	934	20	21	0.00	0.00	0	
38280093+	D38-28-P040	1.60	140 3-	266 ACSR 18/1	0	0	0	0	934	20	4	0.27	0.10	109	
38180080+	38280093	1.64	140 3-	1/0 ACSR 6/1	0	0	0	0	933	20	9	0.01	0.11	7	
38180087+	38180080	1.70	138 3-	1/0 ACSR 6/1	0	0	0	0	915	20	9	0.02	0.12	9	
38080033+	38180087	1.80	137 3-	1/0 ACSR 6/1	0	0	0	0	903	19	9	0.03	0.13	15	
CAP175+	38080033	1.80	136 3-	Capacitor	0	0	0	0	892	19	0	0.00	0.13	0	
38080031+	CAP175	1.99	133 3-	1/0 ACSR 6/1	0	0	0	0	883	19	9	0.06	0.16	28	
38090014+	38080031	2.08	132 3-	1/0 ACSR 6/1	0	0	0	0	882	19	9	0.03	0.18	13	
38090015+	38090014	2.22	129 3-	1/0 ACSR 6/1	0	0	0	0	869	19	9	0.05	0.20	21	
38090016+	38090015	2.32	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	-0.06	0	
38090017+	38090016	2.36	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	-0.06	0	
38090018+	38090017	2.41	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	-0.06	0	
38090012+	38090015	2.27	126 3-	1/0 ACSR 6/1	0	0	0	0	852	19	8	0.02	0.21	7	
38090013+	38090012	2.30	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	0.49	0	
38090011+	38090012	2.64	124 3-	1/0 ACSR 6/1	0	0	0	0	837	18	8	0.11	0.27	50	
33990018+	38090011	2.73	121 3-	1/0 ACSR 6/1	0	0	0	0	829	18	8	0.03	0.29	12	
33990019+	33990018	2.80	119 3-	1/0 ACSR 6/1	0	0	0	0	820	18	8	0.02	0.30	9	
33990020+	33990019	2.81	118 3-	1/0 ACSR 6/1	0	0	0	0	816	18	8	0.00	0.30	1	
33-99-P096-B+	33990020	2.81	118 3-	Closed	0	0	0	0	816	18	0	0.00	0.30	0	
33-99-P096-A+	33-99-P096-B	2.81	118 3-	Closed	0	0	0	0	816	18	0	0.00	0.30	0	
33990004+	33-99-P096-A	2.88	118 3-	1/0 ACSR 6/1	0	0	0	0	816	18	8	0.02	0.31	9	
33990014+	33990004	2.91	3 1-	2 ACSR 6/1	0	0	0	0	19	1	1	0.00	0.31	0	
33990015+	33990014	2.97	2 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	0.31	0	
33990003+	33990004	2.97	115 3-	1/0 ACSR 6/1	0	0	0	0	797	18	8	0.03	0.33	12	
33990013+	33990003	3.59	113 3-	1/0 ACSR 6/1	0	0	0	0	785	17	8	0.19	0.42	77	
34920010+	33990013	3.65	112 3-	1/0 ACSR 6/1	0	0	0	0	777	17	8	0.02	0.43	8	
34920011+	34920010	3.69	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.42	0	
34920003+	34920010	3.78	111 3-	1/0 ACSR 6/1	0	0	0	0	774	17	8	0.04	0.45	16	
34920013+	34920003	3.84	111 3-	1/0 ACSR 6/1	0	0	0	0	774	17	8	0.02	0.46	7	
34920014+	34920013	4.00	108 3-	1/0 ACSR 6/1	0	0	0	0	759	17	7	0.05	0.48	19	
34820007+	34920014	4.06	1 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	0.46	0	
34820006+	34920014	4.08	107 3-	1/0 ACSR 6/1	0	0	0	0	750	17	7	0.02	0.49	9	
34820008+	34820006	4.20	105 3-	1/0 ACSR 6/1	0	0	0	0	732	16	7	0.03	0.51	13	
34820009+	34820008	4.41	104 3-	1/0 ACSR 6/1	0	0	0	0	724	16	7	0.06	0.54	25	
34820010+	34820009	4.60	101 3-	1/0 ACSR 6/1	0	0	0	0	709	16	7	0.06	0.57	22	
34830073+	34820010	4.75	98 3-	1/0 ACSR 6/1	0	0	0	0	694	15	7	0.04	0.59	16	
34830042+	34830073	4.78	4 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.56	0	
34830043+	34830042	4.82	3 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.57	0	
34830074+	34830043	4.88	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	0.57	0	
34830064+	34830073	4.80	94 3-	1/0 ACSR 6/1	0	0	0	0	682	15	7	0.01	0.59	5	
34830065+	34830064	4.85	89 3-	1/0 ACSR 6/1	0	0	0	0	658	14	7	0.02	0.60	6	
34830066+	34830065	5.09	88 3-	1/0 ACSR 6/1	0	0	0	0	655	14	6	0.07	0.63	26	
34830045+	34830066	5.15	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.35	0	
34830057+	34830066	5.16	86 3-	1/0 ACSR 6/1	0	0	0	0	647	14	6	0.02	0.64	7	
34830058+	34830057	5.20	83 3-	1/0 ACSR 6/1	0	0	0	0	643	14	6	0.01	0.65	4	
34830059+	34830058	5.26	82 3-	1/0 ACSR 6/1	0	0	0	0	642	14	6	0.02	0.65	7	
34830061+	34830059	5.33	79 3-	1/0 ACSR 6/1	0	0	0	0	629	14	6	0.02	0.66	8	
34830062+	34830061	5.40	78 3-	1/0 ACSR 6/1	0	0	0	0	621	14	6	0.02	0.67	7	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34830070+	34830062	5.46	74 3-	1/0 ACSR 6/1	0	0	0	0	598	13	6	0.02	0.68	6
34830071+	34830070	5.53	3 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	1.46	0
34830072+	34830071	5.56	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.46	0
34830069+	34830070	5.50	69 3-	1/0 ACSR 6/1	0	0	0	0	562	12	6	0.01	0.68	4
34830056+	34830069	5.59	67 3-	1/0 ACSR 6/1	0	0	0	0	558	12	6	0.02	0.69	8
34830053+	34830056	5.62	5 3-	1/0 ACSR 6/1	0	0	0	0	219	5	2	0.00	0.69	0
34830047+	34830053	5.64	3 3-	1/0 ACSR 6/1	0	0	0	0	208	4	2	0.00	0.70	0
34830310+	34830047	5.64	2 3-	Consumer	0	0	0	0	195	4	0	0.00	0.70	0
34830075+	34830047	5.66	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.70	0
34830046+	34830047	5.67	1 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	0.67	0
34830010+	34830056	5.65	62 3-	1/0 ACSR 6/1	0	0	0	0	339	7	3	0.02	0.70	4
D34-83-P060+	34830010	5.65	61 1-	RCC-50-E	0	0	0	0	328	22	44	0.00	1.52	0
34830044+	D34-83-P060	5.74	61 1-	2 ACSR 6/1	0	0	0	0	328	22	12	0.03	1.55	8
34830063+	34830044	5.78	58 1-	2 ACSR 6/1	0	0	0	0	305	20	11	0.01	1.56	3
34830052+	34830063	5.81	54 1-	2 ACSR 6/1	0	0	0	0	294	19	11	0.01	1.57	2
34830055+	34830052	5.98	53 1-	2 ACSR 6/1	0	0	0	0	284	19	11	0.05	1.61	11
34730037+	34830055	6.05	27 1-	2 ACSR 6/1	0	0	0	0	144	9	5	0.01	1.62	1
D34-73-P049+	34730037	6.05	27 1-	RCC-25-E	0	0	0	0	144	9	39	0.00	1.62	0
34730009+	D34-73-P049	6.11	27 1-	2 ACSR 6/1	0	0	0	0	144	9	5	0.01	1.63	0
34730038+	34730009	6.21	1 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.63	0
34730042+	34730009	6.33	26 1-	2 ACSR 6/1	0	0	0	0	133	8	5	0.03	1.66	3
34730043+	34730042	6.36	16 1-	2 ACSR 6/1	0	0	0	0	98	6	4	0.00	1.67	0
34730044+	34730043	6.39	14 1-	2 ACSR 6/1	0	0	0	0	94	6	4	0.00	1.67	0
34730045+	34730044	6.43	12 1-	2 ACSR 6/1	0	0	0	0	79	5	3	0.00	1.67	0
34730046+	34730045	6.46	11 1-	2 ACSR 6/1	0	0	0	0	78	5	3	0.00	1.67	0
34730047+	34730046	6.53	1 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.68	0
34730010+	34730046	6.50	10 1-	2 ACSR 6/1	0	0	0	0	66	4	2	0.00	1.68	0
34730049+	34730010	6.56	9 1-	2 ACSR 6/1	0	0	0	0	53	3	2	0.00	1.68	0
34730035+	34730049	6.62	7 1-	2 ACSR 6/1	0	0	0	0	39	2	1	0.00	1.68	0
34730036+	34730035	6.67	5 1-	2 ACSR 6/1	0	0	0	0	31	2	1	0.00	1.68	0
34730033+	34730036	6.73	3 1-	2 ACSR 6/1	0	0	0	0	15	0	1	0.00	1.69	0
34730050+	34730033	6.79	2 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	1.69	0
34730051+	34730050	6.88	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.69	0
34730034+	34730049	6.61	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	1.68	0
34730048+	34730010	6.57	1 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	1.68	0
34730041+	34730042	6.42	4 1-	2 ACSR 6/1	0	0	0	0	17	1	1	0.00	1.66	0
34730039+	34730041	6.47	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.66	0
34730040+	34730039	6.54	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.67	0
34730052+	34730042	6.49	5 1-	2 ACSR 6/1	0	0	0	0	13	0	1	0.00	1.66	0
34730053+	34730052	6.85	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.67	0
34730054+	34830055	6.13	25 1-	2 ACSR 6/1	0	0	0	0	137	9	5	0.02	1.64	2
34740034+	34730054	6.24	22 1-	2 ACSR 6/1	0	0	0	0	129	8	5	0.01	1.65	1
34740040+	34740034	6.30	20 1-	2 ACSR 6/1	0	0	0	0	118	7	4	0.01	1.66	0
34740050+	34740040	6.37	1 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.66	0
34740049+	34740040	6.43	19 1-	2 ACSR 6/1	0	0	0	0	106	7	4	0.01	1.67	1
34740043+	34740049	6.50	18 1-	2 ACSR 6/1	0	0	0	0	96	6	4	0.01	1.68	0
34740044+	34740043	6.54	17 1-	2 ACSR 6/1	0	0	0	0	89	6	3	0.00	1.68	0
34740047+	34740044	6.65	15 1-	2 ACSR 6/1	0	0	0	0	78	5	3	0.01	1.69	0
34740035+	34740047	6.70	14 1-	2 ACSR 6/1	0	0	0	0	77	5	3	0.00	1.69	0
34740037+	34740035	6.72	13 1-	2 ACSR 6/1	0	0	0	0	65	4	2	0.00	1.70	0
34740038+	34740037	6.80	12 1-	2 ACSR 6/1	0	0	0	0	60	4	2	0.01	1.70	0
34740016+	34740038	6.86	9 1-	2 ACSR 6/1	0	0	0	0	42	2	2	0.00	1.70	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34740017+	34740016	7.19	8 1-	2 ACSR 6/1	0	0	0	0	42	2	2	0.01	1.72	0
34740018+	34740017	7.30	7 1-	2 ACSR 6/1	0	0	0	0	30	2	1	0.00	1.72	0
34740019+	34740018	7.37	6 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	1.72	0
34750006+	34740019	7.43	5 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.72	0
34750004+	34750006	7.53	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	1.72	0
34750005+	34750004	7.60	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.72	0
34740011+	34740038	6.86	3 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	1.70	0
34740012+	34740011	6.91	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.70	0
D34-74-P016+	34740012	6.91	1 1-	REC-25-E	0	0	0	0	6	0	2	0.00	1.70	0
34740013+	D34-74-P016	7.00	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.70	0
34740014+	34740013	7.43	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.70	0
34740015+	34740014	7.51	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.70	0
34640004+	34740015	7.59	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.70	0
34640003+	34740015	7.54	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.70	0
34740036+	34740035	6.75	1 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	1.69	0
34740045+	34740044	6.59	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	1.68	0
34740046+	34740045	6.63	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	1.68	0
34740042+	34740049	6.46	1 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	1.67	0
34740039+	34740034	6.28	1 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	1.65	0
34740041+	34740034	6.33	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	1.65	0
34830051+	34830063	5.80	3 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	1.56	0
34830049+	34830044	5.77	3 1-	2 ACSR 6/1	0	0	0	0	23	1	1	0.00	1.55	0
34830050+	34830049	5.80	2 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	1.55	0
34830048+	34830010	5.70	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	1.52	0
34830068+	34830062	5.47	2 1-	2 ACSR 6/1	0	0	0	0	15	0	1	0.00	0.65	0
34830067+	34830062	5.44	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	1.44	0
34830060+	34830059	5.34	2 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	0.63	0
34920012+	34920013	3.90	3 1-	2 ACSR 6/1	0	0	0	0	15	0	1	0.00	0.98	0
34920004+	34920003	3.84	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.96	0
33990016+	33990003	3.02	2 1-	2 ACSR 6/1	0	0	0	0	12	0	0	0.00	0.32	0
33990017+	38090011	2.71	2 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	0.27	0
38080030+	CAP175	1.85	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	0.33	0
38090021+	38080030	1.88	1 1-	2 ACSR 6/1	0	0	0	0	4	0	0	0.00	0.33	0
38090020+	38080030	1.86	2 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.33	0
38090010+	38090020	1.89	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.33	0
38080032+	38180087	1.81	0 3-	1/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.12	0
38-18-P030-B+	38080032	1.81	0 3-	Open	0	0	0	0	0	0	0	0.00	0.12	0
CKT 1 total losses:		\$638												

SUB 103, CKT 2

BK103-02+	CHAD(103)	0.00	272 3-	BK10302	2811	2849	2941	356	3678	82	55	0.00	0.00	0
38280091+	BK103-02	0.66	272 3-	266 ACSR 18/1	2543	2546	2507	352	3678	82	18	0.25	0.23	548
38180059+	38280091	0.96	10 3-	266 ACSR 18/1	2437	2427	2349	350	74	1	0	0.00	0.23	0
38190019+	38180059	1.04	9 3-	266 ACSR 18/1	2410	2396	2309	350	60	1	0	0.00	0.23	0
D38-29-P164+	38190019	1.04	7 1-	REC-35-E	0	0	2309	350	45	3	9	0.00	0.12	0
20852074+	D38-29-P164	1.10	7 1-	2 ACSR 6/1	0	0	2274	349	45	3	2	0.00	0.12	0
20852281+	20852074	1.17	7 1-	2 ACSR 6/1	0	0	2234	348	45	3	2	0.00	0.13	0
20852282+	20852281	1.19	4 1-	2 ACSR 6/1	0	0	2223	347	23	1	1	0.00	0.13	0
38290005+	20852281	1.29	3 1-	2 ACSR 6/1	0	0	2172	346	22	1	1	0.00	0.13	0
20852283+	38290005	1.33	1 1-	2 ACSR 6/1	0	0	2149	345	6	0	0	0.00	0.13	0
38290008+	38290005	1.37	2 1-	2 ACSR 6/1	0	0	2127	345	16	1	1	0.00	0.13	0
38290063+	38290081	1.45	1 1-	2 ACSR 6/1	0	0	2088	343	4	0	0	0.00	0.13	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38290064+	38290063	1.47	1 1-	2 ACSR 6/1	0	0	2078	343	4	0	0	0.00	0.13	0
38290065+	38290064	1.65	1 1-	2 ACSR 6/1	0	0	1991	341	4	0	0	0.00	0.13	0
38290082+	38190019	1.13	1 3-	266 ACSR 18/1	2381	2364	2267	349	13	0	0	0.00	0.23	0
38280090+	38290082	1.20	1 3-	266 ACSR 18/1	2358	2338	2235	349	13	0	0	0.00	0.24	0
38180057+	38280090	1.22	0 3-	266 ACSR 18/1	2350	2329	2224	349	0	0	0	0.00	0.24	0
38180064+	38280091	0.77	1 1-	2 ACSR 6/1	0	0	2437	350	13	0	0	0.00	0.12	0
38180012+	38280091	0.95	261 3-	266 ACSR 18/1	2441	2431	2354	350	3586	80	18	0.11	0.33	228
38180092+	38180012	1.15	259 3-	266 ACSR 18/1	2374	2355	2257	349	3047	68	15	0.07	0.39	118
38180091+	38180092	1.41	256 3-	266 ACSR 18/1	2291	2263	2141	347	2963	66	14	0.08	0.46	147
38180090+	38180091	1.54	254 3-	266 ACSR 18/1	2253	2221	2089	347	2952	66	14	0.04	0.49	71
38180008+	38180090	1.56	254 3-	336 ACSR 18/1	2249	2216	2083	347	2952	66	13	0.01	0.50	9
38180009+	38180008	1.57	254 3-	1/0 ACSR 6/1	2247	2215	2081	347	2952	66	29	0.00	0.50	5
38-18-P062-B+	38180009	1.57	254 3-	Closed	2247	2215	2081	347	2952	66	0	0.00	0.50	0
38-18-P062-A+	38-18-P062-B	1.57	254 3-	Closed	2247	2215	2081	347	2952	66	0	0.00	0.50	0
38180078+	38-18-P062-A	1.61	254 3-	336 ACSR 18/1	2237	2202	2066	346	2952	66	13	0.01	0.51	20
38180079+	38180078	1.65	253 3-	336 ACSR 18/1	2227	2191	2053	346	2945	66	13	0.01	0.52	18
38180094+	38180079	1.70	16 1-	1/0 ACSR 6/1	0	0	2035	346	82	5	2	0.00	0.78	0
38180095+	38180094	1.75	13 1-	1/0 ACSR 6/1	0	0	2013	345	62	4	2	0.00	0.78	0
D38-18-P023+	38180095	1.75	6 1-	REC-50-E	0	0	2013	345	29	1	4	0.00	0.78	0
38180088+	D38-18-P023	1.78	6 1-	2 ACSR 6/1	0	0	1999	345	29	1	1	0.00	0.78	0
38180089+	38180088	1.85	3 1-	2 ACSR 6/1	0	0	1966	343	16	1	1	0.00	0.78	0
38180093+	38180095	1.79	7 1-	1/0 ACSR 6/1	0	0	1995	345	33	2	1	0.00	0.78	0
38180082+	38180093	1.85	6 1-	1/0 ACSR 6/1	0	0	1972	344	25	1	1	0.00	0.78	0
38180084+	38180082	1.90	1 1-	2 ACSR 6/1	0	0	1949	343	7	0	0	0.00	0.78	0
38180083+	38180082	1.98	5 1-	1/0 ACSR 6/1	0	0	1921	343	18	1	1	0.00	0.78	0
38180098+	38180083	2.08	4 1-	1/0 ACSR 6/1	0	0	1886	342	18	1	1	0.00	0.78	0
38180096+	38180098	2.15	3 1-	1/0 ACSR 6/1	0	0	1859	341	10	0	0	0.00	0.78	0
38180097+	38180096	2.22	1 1-	1/0 ACSR 6/1	0	0	1833	340	1	0	0	0.00	0.78	0
38180086+	38180098	2.11	1 1-	2 ACSR 6/1	0	0	1871	341	8	0	0	0.00	0.78	0
38180085+	38180083	2.02	1 1-	2 ACSR 6/1	0	0	1905	342	0	0	0	0.00	0.78	0
38180081+	38180093	1.82	0 1-	2 ACSR 6/1	0	0	1983	344	0	0	0	0.00	0.78	0
38180068+	38180079	1.71	3 1-	2 ACSR 6/1	0	0	2024	345	16	1	1	0.00	0.21	0
38180067+	38180079	1.72	234 3-	336 ACSR 18/1	2212	2174	2031	346	2847	64	12	0.02	0.53	27
38180076+	38180067	1.79	5 3-	2 ACSR 6/1	2190	2149	2002	345	34	0	0	0.00	0.53	0
38180077+	38180076	1.83	4 1-	2 ACSR 6/1	0	0	1982	344	29	1	1	0.00	0.59	0
38180066+	38180067	1.73	0 3-	1/0 ACSR 6/1	2209	2171	2028	346	0	0	0	0.00	0.53	0
38-18-P030-A+	38180066	1.73	0 3-	Open	2209	2171	2028	346	0	0	0	0.00	0.53	0
38180074+	38180067	1.74	226 3-	336 ACSR 18/1	2207	2169	2025	346	2802	63	12	0.00	0.54	8
38180075+	38180074	1.84	225 3-	336 ACSR 18/1	2185	2143	1995	345	2796	62	12	0.02	0.56	39
38080034+	38180075	1.87	225 3-	336 ACSR 18/1	2179	2137	1987	345	2796	62	12	0.01	0.56	10
38080035+	38080034	1.90	222 3-	336 ACSR 18/1	2172	2129	1978	345	2782	62	12	0.01	0.57	12
38080036+	38080035	1.96	220 3-	336 ACSR 18/1	2158	2113	1959	345	2774	62	12	0.01	0.58	24
38080037+	38080036	2.00	219 3-	336 ACSR 18/1	2150	2104	1948	344	2765	62	12	0.01	0.59	15
38080038+	38080037	2.04	6 1-	2 ACSR 6/1	0	0	1934	344	22	1	1	0.00	0.88	0
38080025+	38080037	2.18	212 3-	336 ACSR 18/1	2113	2063	1899	344	2740	61	12	0.04	0.63	64
38080045+	38080025	2.23	211 3-	336 ACSR 18/1	2102	2050	1885	343	2727	61	12	0.01	0.64	19
38080044+	38080045	2.27	1 1-	2 ACSR 6/1	0	0	1869	343	4	0	0	0.00	0.70	0
38080043+	38080045	2.27	210 3-	336 ACSR 18/1	2094	2041	1874	343	2723	61	12	0.01	0.64	15
38080026+	38080043	2.35	210 3-	336 ACSR 18/1	2079	2025	1855	343	2723	61	12	0.02	0.66	26
D38-08-P063+	38080026	2.35	16 1-	REC-50-E	0	0	1855	343	71	4	10	0.00	0.98	0
38080004+	D38-08-P063	2.40	16 1-	2 ACSR 6/1	0	0	1835	342	71	4	3	0.00	0.98	0
38080005+	38080004	2.50	16 1-	2 ACSR 6/1	0	0	1795	340	71	4	3	0.01	0.99	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
33980007+	38080005	2.83	16 1-	2 ACSR 6/1	0	0	1678	336	71	4	3	0.02	1.01	1
33980009+	33980007	2.92	14 1-	2 ACSR 6/1	0	0	1649	334	57	3	2	0.00	1.02	0
33980011+	33980009	2.99	1 1-	2 ACSR 6/1	0	0	1624	333	7	0	0	0.00	1.02	0
33980010+	33980009	3.35	11 1-	2 ACSR 6/1	0	0	1514	328	46	3	2	0.02	1.04	0
33880009+	33980010	3.40	10 1-	2 ACSR 6/1	0	0	1500	327	37	2	1	0.00	1.04	0
33880010+	33880009	3.46	8 1-	2 ACSR 6/1	0	0	1484	326	27	1	1	0.00	1.04	0
33880006+	33880010	3.50	5 1-	2 ACSR 6/1	0	0	1472	326	22	1	1	0.00	1.04	0
33880007+	33880006	3.55	4 1-	2 ACSR 6/1	0	0	1459	325	16	1	1	0.00	1.04	0
33870007+	33880007	3.65	4 1-	2 ACSR 6/1	0	0	1433	324	16	1	1	0.00	1.04	0
33870009+	33870007	3.73	1 1-	2 ACSR 6/1	0	0	1411	323	6	0	0	0.00	1.04	0
33870008+	33870007	3.83	1 1-	2 ACSR 6/1	0	0	1386	321	4	0	0	0.00	1.04	0
33870011+	33870008	3.92	1 1-	2 ACSR 6/1	0	0	1363	320	4	0	0	0.00	1.04	0
33870012+	33870011	3.94	1 1-	2 ACSR 6/1	0	0	1358	320	4	0	0	0.00	1.04	0
33870010+	33870008	3.89	0 1-	2 ACSR 6/1	0	0	1370	320	0	0	0	0.00	1.04	0
33880008+	33980010	3.41	1 1-	2 ACSR 6/1	0	0	1499	327	10	0	0	0.00	1.04	0
33980008+	33980007	2.88	1 1-	2 ACSR 6/1	0	0	1661	335	6	0	0	0.00	1.01	0
38080041+	38080026	2.79	194 3-	336 ACSR 18/1	1994	1931	1746	341	2652	59	11	0.10	0.74	149
38080042+	38080041	2.89	193 3-	336 ACSR 18/1	1977	1912	1725	340	2646	59	11	0.10	0.76	31
38080027+	38080042	2.91	191 3-	336 ACSR 18/1	1972	1906	1719	340	2637	59	11	0.01	0.77	9
38080028+	38080027	2.95	191 3-	336 ACSR 18/1	1966	1900	1711	340	2637	59	11	0.01	0.77	11
38080029+	38080028	2.98	190 3-	336 ACSR 18/1	1960	1894	1705	340	2637	59	11	0.01	0.78	10
38080039+	38080029	3.12	189 3-	336 ACSR 18/1	1935	1866	1673	339	2635	59	11	0.03	0.81	48
38180058+	38080039	3.16	187 3-	336 ACSR 18/1	1929	1860	1666	339	2623	59	11	0.01	0.81	11
38180061+	38180058	3.22	1 1-	2 ACSR 6/1	0	0	1647	338	6	0	0	0.00	0.35	0
38180060+	38180058	3.26	185 3-	336 ACSR 18/1	1910	1840	1644	338	2616	59	11	0.02	0.83	35
38170021+	38180060	3.49	184 3-	336 ACSR 18/1	1873	1800	1600	337	2606	58	11	0.05	0.88	72
CAP174+	38170021	3.49	184 3-	Capacitor			0	0	2606	58	0	0.00	0.88	0
38170051+	CAP174	3.54	181 3-	336 ACSR 18/1	1865	1790	1589	337	939	21	4	0.00	0.88	3
38170023+	38170051	3.65	181 3-	336 ACSR 18/1	1847	1771	1568	336	939	21	4	0.01	0.89	6
38170036+	38170023	3.82	181 3-	336 ACSR 18/1	1821	1744	1539	336	939	21	4	0.01	0.90	9
38-17-P035-B+	38170036	3.82	181 3-	Closed	1821	1744	1539	336	939	21	0	0.00	0.90	0
38-17-P035-A+	38-17-P035-B	3.82	181 3-	Closed	1821	1744	1539	336	939	21	0	0.00	0.90	0
38170049+	38-17-P035-A	3.88	181 3-	336 ACSR 18/1	1811	1733	1527	335	939	21	4	0.01	0.90	4
38170056+	38170049	3.99	0 1-	2 ACSR 6/1	0	0	1498	334	0	0	0	0.00	1.00	0
38170038+	38170049	3.93	179 3-	336 ACSR 18/1	1804	1726	1519	335	930	20	4	0.00	0.91	2
38170039+	38170038	3.97	177 3-	336 ACSR 18/1	1798	1720	1512	335	923	20	4	0.00	0.91	2
38170041+	38170039	4.00	172 3-	336 ACSR 18/1	1793	1714	1506	335	900	20	4	0.00	0.91	2
38170042+	38170041	4.06	171 3-	336 ACSR 18/1	1785	1705	1497	334	897	20	4	0.00	0.91	3
38170045+	38170042	4.13	171 3-	336 ACSR 18/1	1774	1693	1484	334	897	20	4	0.01	0.92	4
38170046+	38170045	4.18	3 1-	2 ACSR 6/1	0	0	1471	333	11	0	0	0.00	0.37	0
38170047+	38170046	4.22	2 1-	2 ACSR 6/1	0	0	1461	333	10	0	0	0.00	0.37	0
38170044+	38170045	4.23	165 3-	336 ACSR 18/1	1760	1679	1468	334	881	19	4	0.01	0.92	5
38170015+	38170044	4.32	164 3-	336 ACSR 18/1	1746	1665	1453	333	878	19	4	0.01	0.93	4
38170017+	38170015	4.36	163 3-	336 ACSR 18/1	1741	1659	1447	333	868	19	4	0.00	0.93	2
38170018+	38170017	4.43	1 1-	2 ACSR 6/1	0	0	1428	332	8	0	0	0.00	0.36	0
38170020+	38170017	4.43	160 3-	336 ACSR 18/1	1731	1649	1436	333	852	19	4	0.01	0.94	3
38170019+	38170020	4.49	159 3-	336 ACSR 18/1	1722	1639	1426	332	848	19	4	0.01	0.94	3
38160062+	38170019	4.52	158 3-	336 ACSR 18/1	1718	1635	1421	332	841	18	4	0.00	0.94	1
38160063+	38160062	4.60	158 3-	336 ACSR 18/1	1708	1625	1410	332	841	18	4	0.01	0.94	3
38160064+	38160063	4.67	157 3-	336 ACSR 18/1	1698	1614	1399	331	832	18	4	0.01	0.95	3
38160065+	38160064	4.78	156 3-	336 ACSR 18/1	1684	1599	1384	331	824	18	3	0.01	0.95	4
38160067+	38160065	4.84	4 1-	2 ACSR 6/1	0	0	1369	330	23	1	1	0.00	0.35	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
38160046+	38160067	4.89	3 1-	2 ACSR 6/1	0	0	1358	329	13	0	0	0.00	0.35	0
38160010+	38160046	4.94	2 1-	2 ACSR 6/1	0	0	1347	329	10	0	0	0.00	0.35	0
38160066+	38160065	4.79	2 1-	2 ACSR 6/1	0	0	1380	331	8	0	0	0.00	1.44	0
38160011+	38160065	4.85	149 3-	336 ACSR 18/1	1673	1588	1372	331	788	17	3	0.01	0.96	3
38160018+	38160011	4.91	136 3-	336 ACSR 18/1	1667	1582	1365	330	728	16	3	0.01	0.96	2
38160019+	38160018	4.94	135 3-	336 ACSR 18/1	1662	1577	1360	330	726	16	3	0.00	0.96	1
38160020+	38160019	5.06	134 3-	336 ACSR 18/1	1646	1560	1343	330	719	16	3	0.01	0.97	4
38160009+	38160020	5.10	132 3-	336 ACSR 18/1	1642	1556	1338	329	706	15	3	0.00	0.97	1
38160007+	38160009	5.12	131 3-	336 ACSR 18/1	1639	1552	1335	329	697	15	3	0.00	0.97	0
38160008+	38160007	5.18	2 1-	2 ACSR 6/1	0	0	1323	328	11	0	0	0.00	1.47	0
38160006+	38160007	5.22	129 3-	336 ACSR 18/1	1627	1540	1322	329	686	15	3	0.01	0.98	3
38160053+	38160006	5.28	119 3-	336 ACSR 18/1	1619	1532	1313	329	639	14	3	0.01	0.98	2
38160054+	38160053	5.35	117 3-	336 ACSR 18/1	1611	1524	1305	328	621	13	3	0.01	0.98	2
38160055+	38160054	5.39	116 3-	336 ACSR 18/1	1606	1518	1300	328	620	13	3	0.00	0.98	1
D38-16-P005+	38160055	5.39	116 3-	REC-70-E	1606	1518	1300	328	620	13	20	0.00	0.98	0
38160005+	D38-16-P005	5.45	116 3-	336 ACSR 18/1	1598	1511	1292	328	620	13	3	0.01	0.99	2
381600059+	38160005	5.53	112 3-	336 ACSR 18/1	1589	1502	1282	327	599	13	3	0.01	0.99	2
38160060+	38160059	5.62	110 3-	336 ACSR 18/1	1579	1490	1271	327	590	13	3	0.01	0.99	2
38160061+	38160060	5.69	107 3-	336 ACSR 18/1	1570	1482	1262	327	579	13	2	0.01	1.00	2
38150037+	38160061	5.79	105 3-	336 ACSR 18/1	1559	1470	1250	326	570	12	2	0.01	1.00	2
38150041+	38150037	5.85	99 3-	336 ACSR 18/1	1552	1463	1243	326	542	12	2	0.00	1.00	1
38150029+	38150041	5.95	1 1-	2 ACSR 6/1	0	0	1225	324	8	0	0	0.00	0.31	0
38150028+	38150041	5.92	97 3-	336 ACSR 18/1	1544	1455	1235	325	525	11	2	0.01	1.00	1
38150030+	38150028	6.00	92 3-	336 ACSR 18/1	1535	1446	1226	325	508	11	2	0.01	1.01	1
38150031+	38150030	6.15	81 3-	336 ACSR 18/1	1519	1429	1209	324	435	9	2	0.01	1.01	2
38150032+	38150031	6.75	78 3-	336 ACSR 18/1	1457	1367	1146	321	423	9	2	0.04	1.03	8
38250002+	38150032	6.80	0 1-	2 ACSR 6/1	0	0	1137	321	0	0	0	0.00	0.29	0
38250007+	38150032	6.84	78 3-	336 ACSR 18/1	1448	1357	1137	321	423	9	2	0.01	1.03	1
38250008+	38250007	7.01	77 3-	1/0 ACSR 6/1	1422	1331	1113	319	419	9	4	0.02	1.05	6
38250009+	38250008	7.12	76 3-	1/0 ACSR 6/1	1407	1315	1099	318	408	9	4	0.01	1.05	4
38240047+	38250009	7.17	75 3-	336 ACSR 18/1	1402	1311	1095	318	403	9	2	0.00	1.05	0
38240040+	38240047	7.24	71 3-	336 ACSR 18/1	1396	1304	1089	318	388	8	2	0.00	1.06	0
38240041+	38240040	7.29	70 3-	336 ACSR 18/1	1391	1300	1084	317	384	8	2	0.00	1.06	0
38240043+	38240041	7.39	65 3-	336 ACSR 18/1	1382	1291	1075	317	345	7	1	0.01	1.06	0
38240046+	38240043	7.49	62 3-	336 ACSR 18/1	1373	1282	1066	316	330	7	1	0.01	1.06	0
38240045+	38240046	7.56	44 3-	336 ACSR 18/1	1367	1275	1060	316	241	5	1	0.00	1.06	0
38240027+	38240045	7.59	3 1-	2 ACSR 6/1	0	0	1056	316	13	0	0	0.00	1.62	0
38240026+	38240045	7.60	1 1-	2 ACSR 6/1	0	0	1054	315	11	0	0	0.00	1.62	0
38240028+	38240045	7.67	39 3-	336 ACSR 18/1	1357	1265	1051	316	212	4	1	0.00	1.06	0
38240029+	38240028	7.73	38 3-	336 ACSR 18/1	1352	1261	1046	315	205	4	1	0.00	1.07	0
38240030+	38240029	7.77	37 3-	336 ACSR 18/1	1348	1257	1042	315	204	4	1	0.00	1.07	0
38240031+	38240030	7.87	35 3-	336 ACSR 18/1	1339	1248	1034	315	189	4	1	0.00	1.07	0
38240033+	38240031	7.96	34 3-	336 ACSR 18/1	1332	1241	1027	314	182	4	1	0.00	1.07	0
38240035+	38240033	8.01	32 3-	336 ACSR 18/1	1328	1236	1022	314	172	3	1	0.00	1.07	0
38240036+	38240035	8.06	31 3-	336 ACSR 18/1	1323	1232	1019	314	162	3	1	0.00	1.07	0
38240038+	38240036	8.25	30 3-	336 ACSR 18/1	1308	1217	1004	313	155	3	1	0.00	1.07	0
38240039+	38240038	8.31	29 3-	336 ACSR 18/1	1304	1212	1000	313	151	3	1	0.00	1.07	0
38230017+	38240039	8.41	22 3-	336 ACSR 18/1	1296	1205	992	312	120	2	1	0.00	1.07	0
38230019+	38230017	8.46	1 1-	2 ACSR 6/1	0	0	985	311	7	0	0	0.00	0.27	0
38230018+	38230017	8.49	18 3-	336 ACSR 18/1	1289	1198	985	312	106	2	0	0.00	1.07	0
38230021+	38230018	8.58	17 3-	336 ACSR 18/1	1282	1191	979	311	98	2	0	0.00	1.07	0
38230022+	38230021	8.81	17 3-	336 ACSR 18/1	1264	1173	962	310	98	2	0	0.00	1.08	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38-23-P008-B+	38230022	8.81	17 3-	Closed	1264	1173	962	310	98	2	0	0.00	1.08	0
38-23-P008-A+	38-23-P008-B	8.81	17 3-	Closed	1264	1173	962	310	98	2	0	0.00	1.08	0
38230023+	38-23-P008-A	8.90	17 3-	336 ACSR 18/1	1257	1167	956	310	98	2	0	0.00	1.08	0
38230024+	38230023	9.00	15 3-	336 ACSR 18/1	1250	1159	949	309	94	2	0	0.00	1.08	0
38230025+	38230024	9.07	1 1-	2 ACSR 6/1	0	0	941	308	9	0	0	0.00	1.32	0
38230022+	38230024	9.09	14 3-	336 ACSR 18/1	1243	1153	943	309	84	1	0	0.00	1.08	0
38230026+	38230002	9.12	1 1-	2 ACSR 6/1	0	0	940	308	8	0	0	0.00	1.64	0
20852284+	38230002	10.13	13 3-	336 ACSR 18/1	1172	1083	877	304	76	1	0	0.01	1.08	0
20852285+	20852284	10.16	12 3-	336 ACSR 18/1	1170	1081	876	304	64	1	0	0.00	1.08	0
20852286+	20852285	10.42	11 3-	336 ACSR 18/1	1153	1065	861	303	55	1	0	0.00	1.08	0
20852288+	20852286	10.51	9 3-	336 ACSR 18/1	1147	1059	855	302	48	1	0	0.00	1.08	0
20850757+	20852288	10.59	7 3-	336 ACSR 18/1	1142	1055	851	302	41	0	0	0.00	1.08	0
20850758+	20850757	10.64	6 3-	336 ACSR 18/1	1139	1051	848	302	31	0	0	0.00	1.08	0
20850759+	20850758	10.69	5 3-	336 ACSR 18/1	1136	1048	846	301	28	0	0	0.00	1.08	0
20850736+	20850759	10.77	4 3-	336 ACSR 18/1	1131	1044	841	301	23	0	0	0.00	1.08	0
38320010+	20850736	10.80	1 1-	2 ACSR 6/1	0	0	838	301	6	0	0	0.00	1.34	0
38320008+	20850736	10.93	3 3-	336 ACSR 18/1	1122	1034	833	300	17	0	0	0.00	1.08	0
20850737+	38320008	10.99	3 3-	336 ACSR 18/1	1118	1031	829	300	17	0	0	0.00	1.08	0
37390046+	20850737	11.05	2 3-	336 ACSR 18/1	1114	1027	826	300	9	0	0	0.00	1.08	0
37390028+	37390046	11.14	1 3-	336 ACSR 18/1	1109	1022	822	299	8	0	0	0.00	1.08	0
37390029+	37390028	11.36	1 3-	336 ACSR 18/1	1097	1010	810	298	8	0	0	0.00	1.08	0
37390030+	37390029	11.42	1 3-	336 ACSR 18/1	1093	1006	807	298	8	0	0	0.00	1.08	0
37390031+	37390030	11.50	0 3-	336 ACSR 18/1	1089	1002	804	298	0	0	0	0.00	1.08	0
37-39-P008-A+	37390031	11.50	0 3-	Open	1089	1002	804	298	0	0	0	0.00	1.08	0
20852287+	20852286	10.45	2 1-	2 ACSR 6/1	0	0	857	302	7	0	0	0.00	1.34	0
38320006+	20852287	10.54	1 1-	2 ACSR 6/1	0	0	850	301	2	0	0	0.00	1.34	0
38230020+	38230018	8.54	1 1-	2 ACSR 6/1	0	0	980	311	8	0	0	0.00	0.27	0
38230015+	38240039	8.34	3 1-	2 ACSR 6/1	0	0	996	312	13	0	0	0.00	1.64	0
38230016+	38230015	8.36	2 1-	2 ACSR 6/1	0	0	993	312	7	0	0	0.00	1.64	0
38240037+	38240036	8.11	1 1-	2 ACSR 6/1	0	0	1013	313	7	0	0	0.00	1.31	0
38240034+	38240033	8.01	1 1-	2 ACSR 6/1	0	0	1021	314	7	0	0	0.00	0.27	0
38240032+	38240031	7.90	0 1-	2 ACSR 6/1	0	0	1030	314	0	0	0	0.00	0.27	0
38240044+	38240046	7.52	14 1-	2 ACSR 6/1	0	0	1062	316	72	4	3	0.00	1.30	0
D38-24-P013+	38240044	7.52	13 1-	REC-50-E	0	0	1062	316	62	4	8	0.00	1.30	0
38240024+	D38-24-P013	7.98	13 1-	2 ACSR 6/1	0	0	1000	310	62	4	2	0.03	1.32	1
38140009+	38240024	8.05	13 1-	2 ACSR 6/1	0	0	992	309	62	4	2	0.00	1.33	0
38140010+	38140009	8.13	3 1-	2 ACSR 6/1	0	0	982	308	7	0	0	0.00	1.33	0
38140003+	38140009	8.27	10 1-	2 ACSR 6/1	0	0	965	306	54	3	2	0.01	1.34	0
38140011+	38140003	8.30	1 1-	2 ACSR 6/1	0	0	961	306	4	0	0	0.00	1.34	0
38140012+	38140011	8.84	1 1-	2 ACSR 6/1	0	0	901	299	4	0	0	0.00	1.34	0
38140004+	38140003	8.99	9 1-	2 ACSR 6/1	0	0	886	297	50	3	2	0.04	1.38	1
38130016+	38140004	9.54	5 1-	2 ACSR 6/1	0	0	832	290	22	1	1	0.01	1.39	0
38130017+	38130016	9.58	2 1-	2 ACSR 6/1	0	0	828	290	4	0	0	0.00	1.39	0
38130018+	38130016	9.78	2 1-	2 ACSR 6/1	0	0	811	288	8	0	0	0.00	1.39	0
38120004+	38130018	9.94	1 1-	2 ACSR 6/1	0	0	796	286	0	0	0	0.00	1.39	0
38120003+	38130018	9.91	1 1-	2 ACSR 6/1	0	0	799	286	7	0	0	0.00	1.39	0
38130011+	38140004	9.16	4 1-	2 ACSR 6/1	0	0	869	295	28	1	1	0.00	1.38	0
38130012+	38130011	9.20	4 1-	2 ACSR 6/1	0	0	865	294	28	1	1	0.00	1.38	0
38130013+	38130012	9.24	3 1-	2 ACSR 6/1	0	0	860	294	20	1	1	0.00	1.38	0
38130014+	38130013	9.28	2 1-	2 ACSR 6/1	0	0	857	293	19	1	1	0.00	1.39	0
38130015+	38130014	9.33	1 1-	2 ACSR 6/1	0	0	852	293	10	0	0	0.00	1.39	0
38130002+	38130014	9.34	0 1-	2 ACSR 6/1	0	0	851	293	0	0	0	0.00	1.39	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38240025+	38240046	7.62	1 1-	2 ACSR 6/1	0	0	1049	315	9	0	0	0.00	0.28	0
38240042+	38240041	7.37	1 1-	2 ACSR 6/1	0	0	1072	316	14	0	1	0.00	1.28	0
38150046+	38150031	6.27	1 1-	2 ACSR 6/1	0	0	1188	323	6	0	0	0.00	0.30	0
38250006+	38150046	6.30	1 1-	2 ACSR 6/1	0	0	1183	322	6	0	0	0.00	0.30	0
38250010+	38250006	6.33	0 1-	2 ACSR 6/1	0	0	1179	322	0	0	0	0.00	0.30	0
38150027+	38150030	6.06	8 1-	2 ACSR 6/1	0	0	1215	324	55	3	2	0.00	1.53	0
D38-15-P016+	38150027	6.06	8 1-	FUS-50-E	0	0	1215	324	55	3	8	0.00	1.53	0
38150002+	D38-15-P016	6.23	8 1-	2 ACSR 6/1	0	0	1186	322	55	3	2	0.01	1.54	0
38150034+	38150002	6.28	6 1-	2 ACSR 6/1	0	0	1177	321	47	3	2	0.00	1.55	0
38150035+	38150034	6.32	5 1-	2 ACSR 6/1	0	0	1171	321	44	2	2	0.00	1.55	0
38150042+	38150035	6.38	3 1-	2 ACSR 6/1	0	0	1160	320	27	1	1	0.00	1.55	0
38150043+	38150042	6.49	2 1-	2 ACSR 6/1	0	0	1142	318	17	1	1	0.00	1.55	0
38150045+	38150043	6.82	1 1-	2 ACSR 6/1	0	0	1091	314	10	0	0	0.00	1.55	0
38150044+	38150043	6.61	1 1-	2 ACSR 6/1	0	0	1122	316	7	0	0	0.00	1.55	0
38150033+	38150002	6.26	2 1-	2 ACSR 6/1	0	0	1180	321	8	0	0	0.00	1.54	0
38150026+	38150028	6.02	2 1-	2 ACSR 6/1	0	0	1217	324	12	0	0	0.00	1.18	0
38150025+	38150028	5.98	3 1-	2 ACSR 6/1	0	0	1224	325	5	0	0	0.00	1.18	0
38150039+	38150037	5.88	4 1-	2 ACSR 6/1	0	0	1234	325	21	1	1	0.00	1.17	0
38150040+	38150039	5.95	3 1-	2 ACSR 6/1	0	0	1222	324	13	0	0	0.00	1.17	0
38150038+	38150037	5.83	2 1-	2 ACSR 6/1	0	0	1243	325	7	0	0	0.00	1.52	0
38150036+	38160061	5.73	1 1-	2 ACSR 6/1	0	0	1254	326	8	0	0	0.00	1.16	0
38160056+	38160005	5.49	4 1-	2 ACSR 6/1	0	0	1284	327	21	1	1	0.00	1.14	0
38160057+	38160056	5.53	3 1-	2 ACSR 6/1	0	0	1276	327	18	1	1	0.00	1.14	0
38160058+	38160057	5.60	1 1-	2 ACSR 6/1	0	0	1263	326	8	0	0	0.00	1.14	0
38160052+	38160006	5.28	9 3-	1/0 ACSR 6/1	1615	1528	1310	328	46	1	0	0.00	0.98	0
38160047+	38160052	5.30	7 3-	1/0 ACSR 6/1	1613	1525	1308	328	35	0	0	0.00	0.98	0
38-16-P009-B+	38160047	5.30	7 3-	Closed	1613	1525	1308	328	35	0	0	0.00	0.98	0
38-16-P009-A+	38-16-P009-B	5.30	7 3-	Closed	1613	1525	1308	328	35	0	0	0.00	0.98	0
38160048+	38-16-P009-A	5.34	7 3-	1/0 ACSR 6/1	1605	1517	1300	328	35	0	0	0.00	0.98	0
38160049+	38160048	5.39	5 3-	1/0 ACSR 6/1	1596	1508	1292	327	20	0	0	0.00	0.98	0
38160050+	38160049	5.44	4 3-	1/0 ACSR 6/1	1587	1498	1282	327	16	0	0	0.00	0.98	0
D38-16-P012+	38160050	5.44	4 1-	REC-50-E	0	0	1282	327	16	1	2	0.00	1.48	0
38160051+	D38-16-P012	5.48	4 1-	2 ACSR 6/1	0	0	1274	326	16	1	1	0.00	1.48	0
38160068+	38160051	5.69	3 1-	2 ACSR 6/1	0	0	1235	323	12	0	0	0.00	1.48	0
38060003+	38160068	5.73	2 1-	2 ACSR 6/1	0	0	1227	322	4	0	0	0.00	1.48	0
38060004+	38060003	5.92	1 1-	2 ACSR 6/1	0	0	1193	320	4	0	0	0.00	1.49	0
38160069+	38160050	5.47	0 3-	1/0 ACSR 6/1	1581	1493	1277	326	0	0	0	0.00	0.98	0
38160070+	38160069	5.54	0 3-	1/0 ACSR 6/1	1568	1479	1265	326	0	0	0	0.00	0.98	0
38160013+	38160011	4.92	4 1-	2 ACSR 6/1	0	0	1357	330	14	0	1	0.00	0.35	0
38160014+	38160013	4.99	2 1-	2 ACSR 6/1	0	0	1342	329	9	0	0	0.00	0.35	0
38160012+	38160011	4.91	6 1-	2 ACSR 6/1	0	0	1359	330	35	2	1	0.00	0.35	0
38160017+	38160012	4.93	2 1-	2 ACSR 6/1	0	0	1356	330	12	0	0	0.00	0.35	0
38160016+	38160012	4.93	3 1-	2 ACSR 6/1	0	0	1356	329	23	1	1	0.00	0.35	0
38160015+	38160016	4.95	2 1-	2 ACSR 6/1	0	0	1352	329	12	0	0	0.00	0.35	0
38170016+	38170015	4.38	1 1-	2 ACSR 6/1	0	0	1438	332	10	0	0	0.00	0.36	0
38170043+	38170045	4.17	3 1-	2 ACSR 6/1	0	0	1475	334	5	0	0	0.00	1.02	0
38170040+	38170039	4.00	2 1-	2 ACSR 6/1	0	0	1502	334	13	0	0	0.00	0.37	0
38170037+	38170049	3.94	1 1-	2 ACSR 6/1	0	0	1511	334	2	0	0	0.00	1.33	0
38170052+	CAP174	3.54	3 3-	1/0 ACSR 6/1	1860	1785	1585	337	1667	39	17	0.02	0.90	26
38170380+	38170052	3.54	2 3-	Consumer	1860	1785	1585	337	1661	39	0	0.00	0.90	0
38170055+	38170052	3.55	1 1-	2 ACSR 6/1	0	0	1582	337	5	0	0	0.00	0.99	0
38170054+	38170052	3.89	0 3-	1/0 ACSR 6/1	1781	1701	1500	333	0	0	0	0.00	0.90	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
38080006+	38080028	2.97	1 1-	2 ACSR 6/1	0	0	1705	340	0	0	0	0.00	0.86	0
38080040+	38080041	2.83	1 1-	2 ACSR 6/1	0	0	1732	340	5	0	0	0.00	0.82	0
38180070+	38180092	1.22	2 3-	2 ACSR 6/1	2345	2322	2216	348	77	1	1	0.00	0.39	0
38180072+	38180070	1.27	0 3-	2 ACSR 6/1	2328	2302	2192	347	0	0	0	0.00	0.39	0
38180069+	38180072	1.27	0 1-	2 ACSR 6/1	0	0	2190	347	0	0	0	0.00	0.18	0
38180071+	38180070	1.44	2 3-	2 ACSR 6/1	2262	2227	2103	345	77	1	1	0.00	0.39	0
38180062+	38180012	0.98	2 3-	266 ACSR 18/1	2431	2420	2340	350	537	12	3	0.00	0.33	0
38180360+	38180062	0.98	2 3-	Consumer	2431	2420	2340	350	537	12	0	0.00	0.33	0
D38-18-P051+	38180062	0.98	0 3-	REC-100-E	2431	2420	2340	350	0	0	0	0.00	0.33	0
38180073+	D38-18-P051	1.00	0 3-	266 ACSR 18/1	2423	2410	2328	350	0	0	0	0.00	0.33	0
38180065+	38180073	1.08	0 3-	266 ACSR 18/1	2397	2382	2291	350	0	0	0	0.00	0.33	0
38180056+	38180065	1.09	0 3-	266 ACSR 18/1	2393	2377	2285	349	0	0	0	0.00	0.33	0
38180011+	38180073	1.03	0 3-	266 ACSR 18/1	2415	2402	2317	350	0	0	0	0.00	0.33	0
38180063+	38180011	1.11	0 3-	266 ACSR 18/1	2386	2369	2275	349	0	0	0	0.00	0.33	0
38180010+	38180011	1.04	0 3-	266 ACSR 18/1	2411	2397	2310	350	0	0	0	0.00	0.33	0

CKT 2 total losses: \$1,944

SUB 103, CKT 3

BK103-03+	CHAD(103)	0.00	112 3-	BK10303	2811	2849	2941	356	551	12	8	0.00	0.00	0
38280012+	BK103-03	0.02	112 3-	4/0 ACSR 6/1	0	0	0	0	551	12	4	0.00	0.00	0
38-28-P095-B+	38280012	0.02	112 3-	Closed	0	0	0	0	551	12	0	0.00	0.00	0
38-28-P095-A+	38-28-P095-B	0.02	112 3-	Closed	0	0	0	0	551	12	0	0.00	0.00	0
38280014+	38-28-P095-A	0.04	112 3-	4/0 ACSR 6/1	0	0	0	0	551	12	4	0.00	0.00	0
38280057+	38280014	0.08	110 3-	4/0 ACSR 6/1	0	0	0	0	543	12	4	0.00	0.00	0
38280086+	38280057	0.22	110 3-	4/0 ACSR 6/1	0	0	0	0	543	12	4	0.01	0.01	3
38290066+	38280086	0.29	107 3-	4/0 ACSR 6/1	0	0	0	0	529	11	3	0.00	0.02	1
38290067+	38290066	0.35	106 3-	4/0 ACSR 6/1	0	0	0	0	526	11	3	0.00	0.02	1
38290068+	38290067	0.41	105 3-	4/0 ACSR 6/1	0	0	0	0	519	11	3	0.00	0.02	0
38290070+	38290068	0.47	101 3-	4/0 ACSR 6/1	0	0	0	0	500	11	3	0.00	0.03	1
38290071+	38290070	0.57	99 3-	4/0 ACSR 6/1	0	0	0	0	493	10	3	0.00	0.03	2
38290072+	38290071	0.63	97 3-	4/0 ACSR 6/1	0	0	0	0	476	10	3	0.00	0.03	0
38290079+	38290072	0.72	90 3-	4/0 ACSR 6/1	0	0	0	0	437	9	3	0.01	0.04	1
38290080+	38290079	0.77	87 3-	4/0 ACSR 6/1	0	0	0	0	418	9	3	0.00	0.04	0
38290088+	38290080	0.80	81 3-	4/0 ACSR 6/1	0	0	0	0	386	8	3	0.00	0.04	0
38290087+	38290088	0.85	76 3-	4/0 ACSR 6/1	0	0	0	0	365	8	2	0.00	0.04	0
38290097+	38290087	0.93	72 3-	4/0 ACSR 6/1	0	0	0	0	356	7	2	0.00	0.04	0
38290099+	38290097	0.96	70 3-	4/0 ACSR 6/1	0	0	0	0	343	7	2	0.00	0.05	0
38290100+	38290099	1.06	66 3-	4/0 ACSR 6/1	0	0	0	0	327	7	2	0.00	0.05	0
38290092+	38290100	1.11	10 1-	2 ACSR 6/1	0	0	0	0	45	3	2	0.00	0.05	0
38290093+	38290092	1.14	6 1-	2 ACSR 6/1	0	0	0	0	40	2	1	0.00	0.05	0
38290094+	38290093	1.16	2 1-	2 ACSR 6/1	0	0	0	0	21	1	1	0.00	0.05	0
38290095+	38290100	1.13	55 3-	4/0 ACSR 6/1	0	0	0	0	271	6	2	0.00	0.05	0
38290090+	38290095	1.24	44 3-	4/0 ACSR 6/1	0	0	0	0	227	5	1	0.00	0.05	0
38290104+	38290090	1.27	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	0.06	0
38290105+	38290104	1.36	1 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	0.06	0
38290101+	38290090	1.31	3 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.05	0
38290102+	38290101	1.34	1 1-	2 ACSR 6/1	0	0	0	0	1	0	0	0.00	0.05	0
38290103+	38290102	1.38	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.05	0
38290091+	38290090	1.30	39 3-	4/0 ACSR 6/1	0	0	0	0	203	4	1	0.00	0.05	0
38290106+	38290091	1.32	6 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	0.05	0
38290112+	38290106	1.43	6 1-	2 ACSR 6/1	0	0	0	0	18	1	1	0.00	0.05	0
38290113+	38290112	1.46	5 1-	2 ACSR 6/1	0	0	0	0	15	0	1	0.00	0.05	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38190013+	38290113	1.49	4 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	0.05	0
38290107+	38290091	1.38	33 3-	4/0 ACSR 6/1	0	0	0	0	185	4	1	0.00	0.06	0
38290109+	38290107	1.42	30 3-	4/0 ACSR 6/1	0	0	0	0	165	3	1	0.00	0.06	0
38290108+	38290109	1.52	21 3-	4/0 ACSR 6/1	0	0	0	0	124	2	1	0.00	0.06	0
38190014+	38290108	1.53	20 3-	4/0 ACSR 6/1	0	0	0	0	117	2	1	0.00	0.06	0
38-19-P024-B+	38190014	1.53	20 3-	Closed	0	0	0	0	117	2	0	0.00	0.06	0
38-19-P024-A+	38-19-P024-B	1.53	20 3-	Closed	0	0	0	0	117	2	0	0.00	0.06	0
38190005+	38-19-P024-A	1.55	20 3-	4/0 ACSR 6/1	0	0	0	0	117	2	1	0.00	0.06	0
38190018+	38190005	1.60	1 1-	2 ACSR 6/1	0	0	0	0	5	0	0	0.00	0.06	0
38190004+	38190005	1.62	19 3-	4/0 ACSR 6/1	0	0	0	0	112	2	1	0.00	0.06	0
D39-12-P002+	38190004	1.62	4 1-	REC-50-E	0	0	0	0	15	0	0	0.00	0.06	0
39120028+	D39-12-P002	1.74	4 1-	2 ACSR 6/1	0	0	0	0	15	0	1	0.00	0.06	0
38190015+	39120028	1.78	3 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.06	0
38190017+	38190015	1.83	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.06	0
38190016+	38190015	1.91	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.06	0
39120043+	38190004	1.67	6 3-	4/0 ACSR 6/1	0	0	0	0	55	1	0	0.00	0.06	0
39120044+	39120043	1.77	4 3-	4/0 ACSR 6/1	0	0	0	0	46	1	0	0.00	0.06	0
39120031+	39120044	1.92	3 3-	4/0 ACSR 6/1	0	0	0	0	37	0	0	0.00	0.06	0
39120032+	39120031	1.97	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.06	0
39120007+	39120031	2.60	3 3-	4/0 ACSR 6/1	0	0	0	0	37	0	0	0.00	0.06	0
39120009+	39120007	2.77	1 3-	4/0 ACSR 6/1	0	0	0	0	10	0	0	0.00	0.06	0
39120029+	39120009	2.84	1 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	0.06	0
39120010+	39120009	3.14	0 3-	4/0 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.06	0
39-13-P005-B+	39120010	3.14	0 3-	Open	0	0	0	0	0	0	0	0.00	0.06	0
39120008+	39120007	2.71	2 1-	2 ACSR 6/1	0	0	0	0	27	1	1	0.00	0.07	0
D39-12-P062+	39120008	2.71	2 1-	REC-35-E	0	0	0	0	27	1	5	0.00	0.07	0
39120030+	D39-12-P062	2.74	2 1-	2 ACSR 6/1	0	0	0	0	27	1	1	0.00	0.07	0
39120002+	39120030	2.94	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.07	0
39120033+	39120002	3.11	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.07	0
39120034+	39120033	3.18	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.07	0
39120035+	39120034	3.24	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.07	0
39120037+	39120035	3.38	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.07	0
39120036+	39120035	3.34	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.07	0
39020004+	39120036	3.63	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.07	0
39020005+	39020004	3.65	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.07	0
39020006+	39020005	3.67	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.07	0
39120038+	39120034	3.28	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.07	0
39120039+	39120038	3.44	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.07	0
39120040+	38190004	1.68	9 1-	2 ACSR 6/1	0	0	0	0	41	2	2	0.00	0.06	0
39120041+	39120040	1.73	7 1-	2 ACSR 6/1	0	0	0	0	26	1	1	0.00	0.06	0
39120042+	39120041	1.77	3 1-	2 ACSR 6/1	0	0	0	0	9	0	0	0.00	0.06	0
38290110+	38290109	1.46	4 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	0.05	0
38290111+	38290110	1.50	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	0.05	0
39220002+	38290111	1.56	1 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	0.05	0
38290096+	38290095	1.18	7 1-	2 ACSR 6/1	0	0	0	0	25	1	1	0.00	0.04	0
38290089+	38290096	1.21	2 1-	2 ACSR 6/1	0	0	0	0	10	0	0	0.00	0.04	0
38290098+	38290097	0.98	2 1-	2 ACSR 6/1	0	0	0	0	13	0	0	0.00	0.05	0
38290086+	38290088	0.87	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	0.04	0
38290083+	38290086	0.89	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	0.04	0
38290084+	38290083	0.95	3 1-	2 ACSR 6/1	0	0	0	0	6	0	0	0.00	0.04	0
38290085+	38290088	0.86	1 1-	2 ACSR 6/1	0	0	0	0	8	0	0	0.00	0.04	0
38290060+	38290080	0.79	4 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	0.03	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
38290073+	38290072	0.67	4 1-	2 ACSR 6/1	0	0	0	0	33	2	1	0.00	0.03	0	
38290076+	38290073	0.73	3 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	0.03	0	
38290078+	38290076	0.83	1 1-	2 ACSR 6/1	0	0	0	0	2	0	0	0.00	0.03	0	
38290077+	38290076	0.77	2 1-	2 ACSR 6/1	0	0	0	0	14	0	1	0.00	0.03	0	
38290074+	38290073	0.74	1 1-	2 ACSR 6/1	0	0	0	0	16	1	1	0.00	0.03	0	
38290075+	38290074	0.83	0 1-	2 ACSR 6/1	0	0	0	0	0	0	0	0.00	0.03	0	
38290069+	38290068	0.45	3 1-	2 ACSR 6/1	0	0	0	0	11	0	0	0.00	0.02	0	
38280069+	38280014	0.16	2 1-	2 ACSR 6/1	0	0	0	0	7	0	0	0.00	0.00	0	
CKT 3	total losses:		\$9												
SUB 103, CKT 4															
BK103-04+	CHAD(103)	0.00	808 3-	BK10304	2811	2849	2941	356	5353	118	79	0.00	0.00	0	
38280013+	BK103-04	0.04	808 3-	4/0 ACSR 6/1	2796	2832	2915	356	5353	118	35	0.02	0.02	73	
38-28-P039-B+	38280013	0.04	808 3-	Closed	2796	2832	2915	356	5353	118	0	0.00	0.02	0	
38-28-P039-A+	38-28-P039-B	0.04	808 3-	Closed	2796	2832	2915	356	5353	118	0	0.00	0.02	0	
38280059+	38-28-P039-A	0.08	808 3-	4/0 ACSR 6/1	2778	2812	2885	356	5353	118	35	0.02	0.04	84	
38280060+	38280059	0.14	1 1-	2 ACSR 6/1	0	0	0	2830	355	9	0	0.00	0.05	0	
38280058+	38280059	0.12	806 3-	4/0 ACSR 6/1	2758	2790	2851	355	5329	117	35	0.03	0.06	98	
D38-28-P034+	38280058	0.12	4 1-	FUS-30	0	0	0	2851	355	33	2	8	0.00	0.07	0
38280101+	D38-28-P034	0.23	4 1-	2 ACSR 6/1	0	0	0	2768	354	33	2	1	0.00	0.08	0
38280061+	38280101	0.26	2 1-	2 ACSR 6/1	0	0	0	2742	353	18	1	1	0.00	0.08	0
38280063+	38280061	0.29	0 1-	2 ACSR 6/1	0	0	0	2719	353	0	0	0	0.00	0.08	0
38280062+	38280061	0.30	1 1-	2 ACSR 6/1	0	0	0	2708	352	10	0	0	0.00	0.08	0
38280064+	38280058	0.16	802 3-	4/0 ACSR 6/1	2742	2771	2823	355	5296	117	34	0.02	0.08	81	
38280065+	38280064	0.27	801 3-	4/0 ACSR 6/1	2700	2724	2753	354	5288	116	34	0.06	0.12	208	
D38-28-P031+	38280065	0.27	1 1-	FUS-30	0	0	0	2753	354	7	0	2	0.00	0.16	0
38280100+	D38-28-P031	0.29	1 1-	2 ACSR 6/1	0	0	0	2735	354	7	0	0	0.00	0.16	0
38280066+	38280065	0.50	800 3-	4/0 ACSR 6/1	2611	2622	2608	353	5278	116	34	0.13	0.23	462	
D38-28-P024+	38280066	0.50	1 1-	FUS-30	0	0	0	2608	353	4	0	1	0.00	0.29	0
38280099+	D38-28-P024	0.56	1 1-	2 ACSR 6/1	0	0	0	2564	352	4	0	0	0.00	0.29	0
38280067+	38280066	0.57	799 3-	4/0 ACSR 6/1	2583	2589	2563	352	5270	116	34	0.04	0.26	152	
38280084+	38280067	0.73	779 3-	4/0 ACSR 6/1	2527	2525	2476	351	4957	109	32	0.08	0.33	272	
D38-28-P009+	38280084	0.73	1 1-	FUS-30	0	0	0	2476	351	7	0	2	0.00	0.16	0
38280098+	D38-28-P009	0.75	1 1-	2 ACSR 6/1	0	0	0	2462	351	7	0	0	0.00	0.16	0
38280085+	38280084	0.82	778 3-	4/0 ACSR 6/1	2493	2486	2424	350	4947	109	32	0.05	0.37	170	
D38-28-P148+	38280085	0.82	4 1-	FUS-40	0	0	0	2424	350	18	1	3	0.00	0.47	0
38280102+	D38-28-P148	0.84	4 1-	2 ACSR 6/1	0	0	0	2414	350	18	1	1	0.00	0.47	0
38280074+	38280102	0.88	2 1-	2 ACSR 6/1	0	0	0	2387	350	8	0	0	0.00	0.47	0
38280073+	38280085	0.86	1 1-	2 ACSR 6/1	0	0	0	2403	350	0	0	0	0.00	0.47	0
38280010+	38280085	0.98	773 3-	4/0 ACSR 6/1	2438	2424	2342	349	4927	109	32	0.08	0.44	279	
D38-28-P001+	38280010	0.98	6 1-	FUS-40	0	0	0	2342	349	35	2	7	0.00	0.21	0
38280097+	D38-28-P001	1.01	6 1-	2 ACSR 6/1	0	0	0	2326	349	35	2	1	0.00	0.21	0
38280075+	38280097	1.04	3 1-	2 ACSR 6/1	0	0	0	2308	348	25	1	1	0.00	0.21	0
38280076+	38280075	1.07	2 1-	2 ACSR 6/1	0	0	0	2291	348	19	1	1	0.00	0.21	0
38280011+	38280010	1.04	767 3-	4/0 ACSR 6/1	2420	2404	2316	349	4890	108	32	0.03	0.46	93	
D38-27-P042+	38280011	1.04	1 1-	FUS-30	0	0	0	2316	349	9	0	2	0.00	0.22	0
38270038+	D38-27-P042	1.07	1 1-	2 ACSR 6/1	0	0	0	2299	349	9	0	0	0.00	0.22	0
38270004+	38280011	1.12	766 3-	4/0 ACSR 6/1	2393	2373	2276	348	4880	108	32	0.04	0.49	144	
38270053+	38270004	1.16	50 1-	2 ACSR 6/1	0	0	0	2253	348	283	18	11	0.01	0.25	3
D38-27-P029+	38270053	1.16	47 1-	REC-50-E	0	0	0	2253	348	275	18	37	0.00	0.25	0
38270054+	D38-27-P029	1.19	47 1-	2 ACSR 6/1	0	0	0	2235	347	275	18	10	0.01	0.26	2
38270055+	38270054	1.22	45 1-	2 ACSR 6/1	0	0	0	2222	347	265	17	10	0.01	0.27	1

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
38270061+	38270055	1.25	43 1-	2 ACSR 6/1	0	0	2204	346	243	16	9	0.01	0.27	1
38270042+	38270061	1.29	8 1-	2 ACSR 6/1	0	0	2182	346	52	3	2	0.00	0.27	0
38270041+	38270042	1.30	3 1-	2 ACSR 6/1	0	0	2175	346	18	1	1	0.00	0.27	0
38270037+	38270041	1.35	2 1-	2 ACSR 6/1	0	0	2151	345	10	0	0	0.00	0.27	0
38270036+	38270061	1.29	32 1-	2 ACSR 6/1	0	0	2181	346	172	11	6	0.01	0.28	0
38370053+	38270036	1.35	2 1-	2 ACSR 6/1	0	0	2151	345	12	0	0	0.00	0.28	0
38370052+	38270036	1.37	28 1-	2 ACSR 6/1	0	0	2142	345	159	10	6	0.01	0.29	1
38370061+	38370052	1.44	23 1-	2 ACSR 6/1	0	0	2105	344	133	8	5	0.01	0.30	0
38370062+	38370061	1.48	22 1-	2 ACSR 6/1	0	0	2085	343	127	8	5	0.01	0.31	0
20852290+	38370062	1.51	4 1-	2 ACSR 6/1	0	0	2065	342	13	0	0	0.00	0.31	0
20850965+	38370062	1.55	18 1-	2 ACSR 6/1	0	0	2045	342	114	7	4	0.01	0.32	0
20852291+	20850965	1.63	14 1-	2 ACSR 6/1	0	0	2008	341	97	6	4	0.01	0.32	0
20852292+	20852291	1.67	14 1-	2 ACSR 6/1	0	0	1987	340	97	6	4	0.00	0.33	0
20852293+	20852292	1.82	12 1-	2 ACSR 6/1	0	0	1919	338	85	5	3	0.01	0.34	0
20852295+	20852293	1.84	5 1-	2 ACSR 6/1	0	0	1911	338	42	2	2	0.00	0.34	0
38370054+	20852295	1.88	2 1-	2 ACSR 6/1	0	0	1891	337	17	1	1	0.00	0.34	0
38370057+	20852295	1.95	1 1-	2 ACSR 6/1	0	0	1862	336	8	0	0	0.00	0.34	0
20852294+	20852293	1.89	6 1-	2 ACSR 6/1	0	0	1890	337	40	2	1	0.00	0.34	0
38370010+	20852294	2.00	1 1-	2 ACSR 6/1	0	0	1841	335	12	0	0	0.00	0.34	0
20852296+	20852294	1.94	5 1-	2 ACSR 6/1	0	0	1868	336	28	1	1	0.00	0.34	0
20852297+	20852296	1.98	4 1-	2 ACSR 6/1	0	0	1849	336	22	1	1	0.00	0.34	0
38370008+	20852297	2.06	2 1-	2 ACSR 6/1	0	0	1816	334	16	1	1	0.00	0.35	0
38370009+	38370008	2.12	1 1-	2 ACSR 6/1	0	0	1791	333	6	0	0	0.00	0.35	0
38370006+	20852297	2.02	2 1-	2 ACSR 6/1	0	0	1832	335	6	0	0	0.00	0.34	0
38370007+	38370006	2.07	0 1-	2 ACSR 6/1	0	0	1813	334	0	0	0	0.00	0.34	0
38370004+	20850965	1.57	4 1-	2 ACSR 6/1	0	0	2035	341	17	1	1	0.00	0.32	0
38370058+	38370004	1.62	2 1-	2 ACSR 6/1	0	0	2011	341	8	0	0	0.00	0.32	0
38270043+	38370058	1.65	1 1-	2 ACSR 6/1	0	0	1998	340	2	0	0	0.00	0.32	0
38270044+	38270043	1.75	1 1-	2 ACSR 6/1	0	0	1953	339	2	0	0	0.00	0.32	0
38370005+	38370004	1.60	0 1-	2 ACSR 6/1	0	0	2025	341	0	0	0	0.00	0.32	0
38370059+	38370052	1.43	2 1-	2 ACSR 6/1	0	0	2110	344	12	0	0	0.00	0.29	0
38370060+	38370059	1.47	1 1-	2 ACSR 6/1	0	0	2090	343	4	0	0	0.00	0.29	0
38270056+	38270055	1.28	1 1-	2 ACSR 6/1	0	0	2188	346	14	0	1	0.00	0.27	0
38270005+	38270004	1.20	716 3-	4/0 ACSR 6/1	2367	2344	2239	348	4596	101	30	0.04	0.52	129
D38-27-P024+	38270005	1.20	3 1-	FUS-50	0	0	2239	348	24	1	4	0.00	0.66	0
38270039+	D38-27-P024	1.23	3 1-	2 ACSR 6/1	0	0	2224	347	24	1	1	0.00	0.66	0
38270057+	38270039	1.25	1 1-	2 ACSR 6/1	0	0	2210	347	8	0	0	0.00	0.66	0
38270058+	38270005	1.22	8 1-	2 ACSR 6/1	0	0	2231	348	43	2	2	0.00	0.66	0
38270059+	38270058	1.24	7 1-	2 ACSR 6/1	0	0	2219	347	42	2	2	0.00	0.66	0
38270060+	38270059	1.27	3 1-	2 ACSR 6/1	0	0	2202	347	12	0	0	0.00	0.66	0
38270006+	38270005	1.29	705 3-	4/0 ACSR 6/1	2339	2312	2199	347	4527	100	30	0.04	0.56	141
D38-27-P018+	38270006	1.29	5 1-	FUS-30	0	0	2199	347	15	1	4	0.00	0.73	0
38270040+	D38-27-P018	1.31	5 1-	2 ACSR 6/1	0	0	2190	347	15	1	1	0.00	0.73	0
38270045+	38270040	1.34	1 1-	2 ACSR 6/1	0	0	2171	346	5	0	0	0.00	0.73	0
38270046+	38270006	1.36	700 3-	4/0 ACSR 6/1	2319	2290	2171	347	4510	100	29	0.03	0.58	98
38270047+	38270046	1.41	696 3-	4/0 ACSR 6/1	2302	2270	2146	346	4485	99	29	0.03	0.60	90
38-27-P095-B+	38270047	1.41	696 3-	Closed	2302	2270	2146	346	4484	99	0	0.00	0.60	0
38-27-P095-A+	38-27-P095-B	1.41	696 3-	Closed	2302	2270	2146	346	4484	99	0	0.00	0.60	0
38270050+	38-27-P095-A	1.46	696 3-	4/0 ACSR 6/1	2286	2253	2125	346	4484	99	29	0.02	0.62	77
38270051+	38270050	1.49	693 3-	4/0 ACSR 6/1	2279	2245	2115	346	4475	99	29	0.01	0.63	38
38270052+	38270051	1.70	692 3-	4/0 ACSR 6/1	2219	2178	2034	344	4467	99	29	0.09	0.71	313
38270035+	38270052	1.79	692 3-	4/0 ACSR 6/1	2192	2148	1997	344	4464	99	29	0.04	0.74	147

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38270007+	38270035	1.95	692 3-	4/0 ACSR 6/1	2151	2102	1943	343	4463	99	29	0.07	0.80	231
20850009+	38270007	2.06	691 3-	4/0 ACSR 6/1	2121	2069	1904	342	4456	99	29	0.05	0.84	174
D38-37-P004+	20850009	2.06	2 1-	FUS-30	0	0	1904	342	14	0	3	0.00	1.17	0
38370055+	D38-37-P004	2.09	2 1-	2 ACSR 6/1	0	0	1892	341	14	0	1	0.00	1.17	0
38370037+	20850009	2.22	689 3-	4/0 ACSR 6/1	2082	2026	1853	341	4441	98	29	0.07	0.90	233
D38-37-P001+	38370037	2.22	3 1-	FUS-40	0	0	1853	341	23	1	4	0.00	1.12	0
38370056+	D38-37-P001	2.33	3 1-	2 ACSR 6/1	0	0	1809	339	23	1	1	0.00	1.12	0
38370038+	38370037	2.31	685 3-	4/0 ACSR 6/1	2059	2001	1825	340	4408	98	29	0.04	0.93	136
D38-36-P052+	38370038	2.31	5 1-	FUS	0	0	1825	340	27	1	41	0.00	1.31	0
38360078+	D38-36-P052	2.36	5 1-	2 ACSR 6/1	0	0	1805	339	27	1	1	0.00	1.31	0
38370039+	38360078	2.44	2 1-	2 ACSR 6/1	0	0	1775	338	15	1	1	0.00	1.31	0
38360028+	38370038	2.39	680 3-	4/0 ACSR 6/1	2039	1979	1799	340	4380	97	29	0.04	0.96	122
38360029+	38360028	2.43	679 3-	4/0 ACSR 6/1	2029	1969	1788	339	4369	97	29	0.02	0.97	57
38360030+	38360029	2.48	678 3-	4/0 ACSR 6/1	2016	1955	1772	339	4369	97	29	0.02	0.99	80
38360061+	38360030	2.64	642 3-	4/0 ACSR 6/1	1981	1916	1728	338	4159	92	27	0.06	1.04	214
38360062+	38360061	2.65	641 3-	4/0 ACSR 6/1	1979	1914	1726	338	4149	92	27	0.00	1.05	14
38-36-P034-B+	38360062	2.65	641 3-	Closed	1979	1914	1726	338	4149	92	0	0.00	1.05	0
38-36-P034-A+	38-36-P034-B	2.65	641 3-	Closed	1979	1914	1726	338	4149	92	0	0.00	1.05	0
38360063+	38-36-P034-A	2.80	641 3-	4/0 ACSR 6/1	1944	1876	1683	337	4149	92	27	0.07	1.10	221
38360064+	38360063	2.92	640 3-	4/0 ACSR 6/1	1919	1849	1653	336	4146	92	27	0.05	1.14	159
D38-36-P028+	38360064	2.92	4 1-	FUS-40	0	0	1653	336	24	1	4	0.00	0.32	0
38360058+	D38-36-P028	2.94	4 1-	2 ACSR 6/1	0	0	1645	336	24	1	1	0.00	0.32	0
38360065+	38360058	2.97	3 1-	2 ACSR 6/1	0	0	1638	335	14	0	1	0.00	0.32	0
38360066+	38360065	3.00	1 1-	2 ACSR 6/1	0	0	1629	335	10	0	0	0.00	0.32	0
38360027+	38360064	3.00	636 3-	4/0 ACSR 6/1	1902	1831	1633	335	4121	92	27	0.03	1.16	113
D38-36-P015+	38360027	3.00	8 1-	REC-50-E	0	0	1633	335	65	4	9	0.00	1.72	0
38360067+	D38-36-P015	3.04	8 1-	2 ACSR 6/1	0	0	1620	335	65	4	2	0.00	1.73	0
38360068+	38360067	3.06	7 1-	2 ACSR 6/1	0	0	1613	335	58	3	2	0.00	1.73	0
38360069+	38360068	3.09	6 1-	2 ACSR 6/1	0	0	1605	334	46	3	2	0.00	1.73	0
38360070+	38360069	3.13	2 1-	2 ACSR 6/1	0	0	1593	334	17	1	1	0.00	1.73	0
38360026+	38360069	3.11	4 1-	2 ACSR 6/1	0	0	1598	334	30	2	1	0.00	1.73	0
20850739+	38360026	3.21	1 1-	2 ACSR 6/1	0	0	1567	332	10	0	0	0.00	1.73	0
20850738+	38360026	3.17	2 1-	2 ACSR 6/1	0	0	1580	333	15	1	1	0.00	1.73	0
38360023+	38360026	3.20	1 1-	2 ACSR 6/1	0	0	1570	333	5	0	0	0.00	1.73	0
20850873+	38360023	3.28	1 1-	2 ACSR 6/1	0	0	1546	331	5	0	0	0.00	1.73	0
20850872+	38360023	3.25	0 1-	2 ACSR 6/1	0	0	1557	332	0	0	0	0.00	1.73	0
38360034+	38360027	3.12	628 3-	336 ACSR 18/1	1881	1809	1609	335	4054	90	17	0.03	1.19	102
38360076+	38360034	3.16	2 1-	2 ACSR 6/1	0	0	1596	334	15	0	1	0.00	1.77	0
38360024+	38360034	3.16	626 3-	336 ACSR 18/1	1875	1802	1601	335	4039	90	17	0.01	1.20	33
38360077+	38360024	3.20	0 1-	2 ACSR 6/1	0	0	1589	334	0	0	0	0.00	1.49	0
38360073+	38360024	3.21	626 3-	336 ACSR 18/1	1866	1792	1591	334	4038	90	17	0.01	1.21	44
38360074+	38360073	3.25	624 3-	336 ACSR 18/1	1860	1785	1583	334	4029	90	17	0.01	1.22	34
38360075+	38360074	3.28	621 3-	336 ACSR 18/1	1855	1780	1578	334	4014	89	17	0.01	1.22	24
D38-36-P153+	38360075	3.28	621 3-	ER3-RVE-280/120	1855	1780	1578	334	4014	89	64	0.00	1.22	0
38360033+	D38-36-P153	3.51	621 3-	336 ACSR 18/1	1818	1741	1535	333	4014	89	17	0.06	1.27	193
38360025+	38360033	3.54	17 1-	2 ACSR 6/1	0	0	1526	333	136	9	5	0.00	1.59	0
D38-46-P006+	38360025	3.54	17 1-	REC-35-E	0	0	1526	333	136	9	26	0.00	1.59	0
38460034+	D38-46-P006	3.56	17 1-	2 ACSR 6/1	0	0	1523	332	136	9	5	0.00	1.59	0
38460035+	38460034	3.61	16 1-	2 ACSR 6/1	0	0	1509	332	127	8	5	0.01	1.60	0
38460036+	38460035	3.70	15 1-	2 ACSR 6/1	0	0	1483	330	117	7	4	0.01	1.61	0
38460023+	38460036	3.82	14 1-	2 ACSR 6/1	0	0	1452	329	104	7	4	0.01	1.62	0
38460024+	38460023	3.91	13 1-	2 ACSR 6/1	0	0	1427	327	101	6	4	0.01	1.63	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38460026+	38460024	3.97	6 1-	2 ACSR 6/1	0	0	1414	327	47	3	2	0.00	1.63	0
38460027+	38460026	4.00	5 1-	2 ACSR 6/1	0	0	1405	326	44	2	2	0.00	1.63	0
38460028+	38460027	4.04	4 1-	2 ACSR 6/1	0	0	1395	325	28	1	1	0.00	1.63	0
38460005+	38460024	3.98	7 1-	2 ACSR 6/1	0	0	1411	326	54	3	2	0.00	1.63	0
38460038+	38460005	4.08	1 1-	15 KV 2 URD XLP	0	0	1389	694	16	1	1	0.00	1.63	0
38460025+	38460005	4.01	1 1-	2 ACSR 6/1	0	0	1402	326	11	0	0	0.00	1.63	0
38460006+	38460005	4.04	5 1-	2 ACSR 6/1	0	0	1397	326	26	1	1	0.00	1.64	0
20851439+	38460006	4.08	5 1-	2 ACSR 6/1	0	0	1385	325	26	1	1	0.00	1.64	0
20851440+	20851439	4.12	4 1-	2 ACSR 6/1	0	0	1376	324	22	1	1	0.00	1.64	0
20851441+	20851440	4.22	3 1-	2 ACSR 6/1	0	0	1354	323	20	1	1	0.00	1.64	0
20851442+	20851441	4.25	1 1-	2 ACSR 6/1	0	0	1346	323	17	1	1	0.00	1.64	0
38460033+	38460036	3.82	1 1-	2 ACSR 6/1	0	0	1452	329	12	0	0	0.00	1.61	0
38460037+	38460035	3.73	1 1-	2 ACSR 6/1	0	0	1474	330	10	0	0	0.00	1.60	0
38360031+	38360033	3.57	604 3-	336 ACSR 18/1	1810	1732	1526	333	3876	86	16	0.01	1.28	40
38360059+	38360031	3.58	2 1-	2 ACSR 6/1	0	0	1521	333	11	0	0	0.00	1.96	0
38360032+	38360031	3.63	602 3-	336 ACSR 18/1	1800	1721	1514	332	3865	86	16	0.01	1.29	50
38460029+	38360032	3.66	5 1-	2 ACSR 6/1	0	0	1506	332	39	2	1	0.00	1.98	0
38460031+	38460029	3.71	3 1-	2 ACSR 6/1	0	0	1494	331	28	1	1	0.00	1.98	0
38460032+	38460031	3.75	1 1-	2 ACSR 6/1	0	0	1481	331	17	1	1	0.00	1.98	0
38460030+	38460031	3.82	1 1-	2 ACSR 6/1	0	0	1463	330	8	0	0	0.00	1.98	0
38460007+	38360032	3.78	597 3-	336 ACSR 18/1	1778	1698	1489	332	3826	85	16	0.03	1.31	109
20851468+	38460007	3.80	16 1-	2 ACSR 6/1	0	0	1484	332	113	7	4	0.00	2.04	0
20851469+	20851468	3.83	14 1-	2 ACSR 6/1	0	0	1474	331	97	6	4	0.00	2.04	0
20851470+	20851469	3.85	11 1-	2 ACSR 6/1	0	0	1471	331	86	5	3	0.00	2.04	0
20851471+	20851470	3.87	10 1-	2 ACSR 6/1	0	0	1464	330	85	5	3	0.00	2.04	0
20851472+	20851471	3.91	8 1-	2 ACSR 6/1	0	0	1455	330	67	4	3	0.00	2.05	0
38450044+	20851472	3.96	7 1-	2 ACSR 6/1	0	0	1442	329	56	3	2	0.00	2.05	0
38450045+	38450044	4.01	4 1-	2 ACSR 6/1	0	0	1429	328	32	2	1	0.00	2.05	0
38450046+	38450045	4.04	2 1-	2 ACSR 6/1	0	0	1422	328	20	1	1	0.00	2.05	0
38450013+	38460007	3.87	581 3-	336 ACSR 18/1	1765	1684	1474	331	3711	83	16	0.02	1.33	61
38450047+	38450013	3.88	1 1-	2 ACSR 6/1	0	0	1471	331	11	0	0	0.00	0.26	0
38450018+	38450013	3.93	580 3-	336 ACSR 18/1	1755	1674	1463	331	3700	82	16	0.02	1.34	46
38450055+	38450018	3.96	4 1-	2 ACSR 6/1	0	0	1456	331	14	0	1	0.00	2.09	0
38450056+	38450055	3.98	1 1-	2 ACSR 6/1	0	0	1452	330	1	0	0	0.00	2.09	0
38450057+	38450018	4.05	576 3-	336 ACSR 18/1	1739	1657	1445	331	3685	82	16	0.03	1.36	79
38450051+	38450057	4.14	575 3-	336 ACSR 18/1	1725	1642	1430	330	3682	82	16	0.02	1.38	68
38450049+	38450051	4.18	2 1-	2 ACSR 6/1	0	0	1420	329	3	0	0	0.00	2.16	0
38450048+	38450051	4.25	572 3-	336 ACSR 18/1	1710	1626	1413	330	3674	82	16	0.03	1.40	74
38450050+	38450048	4.29	1 1-	2 ACSR 6/1	0	0	1404	329	2	0	0	0.00	2.20	0
38450019+	38450048	4.37	571 3-	336 ACSR 18/1	1694	1609	1395	329	3671	82	16	0.03	1.42	84
D38-45-P024+	38450019	4.37	2 1-	FUS	0	0	1395	329	8	0	13	0.00	2.24	0
38450066+	D38-45-P024	4.43	2 1-	2 ACSR 6/1	0	0	1382	328	8	0	0	0.00	2.24	0
38450020+	38450019	4.47	569 3-	336 ACSR 18/1	1680	1595	1380	328	3662	82	15	0.03	1.43	69
38450061+	38450020	4.51	2 1-	2 ACSR 6/1	0	0	1372	328	12	0	0	0.00	2.27	0
38450021+	38450020	4.58	567 3-	336 ACSR 18/1	1667	1581	1365	328	3650	81	15	0.03	1.45	71
38450062+	38450021	4.63	8 1-	2 ACSR 6/1	0	0	1354	327	28	1	1	0.00	2.31	0
38450063+	38450062	4.69	5 1-	2 ACSR 6/1	0	0	1339	326	21	1	1	0.00	2.31	0
38450064+	38450063	4.72	1 1-	2 ACSR 6/1	0	0	1334	326	6	0	0	0.00	2.31	0
38450016+	38450021	4.63	559 3-	336 ACSR 18/1	1660	1573	1358	328	3621	81	15	0.01	1.46	36
38450059+	38450016	4.68	1 1-	2 ACSR 6/1	0	0	1346	327	9	0	0	0.00	2.32	0
38450017+	38450016	4.70	558 3-	336 ACSR 18/1	1651	1564	1348	327	3611	80	15	0.02	1.47	47
D38-45-P005+	38450017	4.70	8 1-	FUS	0	0	1348	327	35	2	55	0.00	2.34	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS	
38450065+	D38-45-P005	4.74	8 1-	2 ACSR 6/1	0	0	1339	327	35	2	1	0.00	2.35	0	
38450053+	38450065	4.81	3 1-	2 ACSR 6/1	0	0	1324	326	15	0	1	0.00	2.35	0	
38450052+	38450065	4.79	3 1-	2 ACSR 6/1	0	0	1327	326	8	0	0	0.00	2.35	0	
38450014+	38450017	4.84	550 3-	336 ACSR 18/1	1633	1545	1329	327	3575	80	15	0.04	1.49	93	
38450054+	38450014	4.89	4 1-	2 ACSR 6/1	0	0	1319	326	12	0	0	0.00	2.39	0	
38450015+	38450014	4.89	546 3-	336 ACSR 18/1	1626	1539	1322	326	3563	79	15	0.01	1.50	34	
38-44-P066-B+	38450015	4.89	546 3-	Closed	1626	1539	1322	326	3562	79	0	0.00	1.50	0	
38-44-P066-A+	38-44-P066-B	4.89	546 3-	Closed	1626	1539	1322	326	3562	79	0	0.00	1.50	0	
20851247+	38-44-P066-A	4.93	546 3-	336 ACSR 18/1	1621	1533	1316	326	3562	79	15	0.01	1.51	26	
20851248+	20851247	4.98	543 3-	336 ACSR 18/1	1615	1527	1310	326	3552	79	15	0.01	1.52	32	
38440006+	20851248	5.10	541 3-	336 ACSR 18/1	1601	1512	1295	325	3544	79	15	0.03	1.54	78	
D38-44-P018+	38440006	5.10	1 1-	FUS	0	0	1295	325	2	0	3	0.00	1.99	0	
38440008+	D38-44-P018	5.26	1 1-	2 ACSR 6/1	0	0	1263	323	2	0	0	0.00	1.99	0	
38440007+	38440006	5.38	540 3-	336 ACSR 18/1	1567	1477	1259	324	3541	79	15	0.08	1.58	186	
20851249+	38440007	5.40	2 1-	2 ACSR 6/1	0	0	1257	324	11	0	0	0.00	2.06	0	
20851250+	20851249	5.42	2 1-	2 ACSR 6/1	0	0	1252	324	11	0	0	0.00	2.06	0	
20851436+	38440007	6.00	538 3-	4/0 ACSR 6/1	1482	1392	1173	320	3528	79	23	0.27	1.75	638	
20851437+	20851436	6.05	537 3-	4/0 ACSR 6/1	1476	1386	1167	320	3517	79	23	0.02	1.76	46	
20851438+	20851437	6.07	2 1-	2 ACSR 6/1	0	0	1163	319	12	0	0	0.00	2.35	0	
38440002+	20851437	6.11	535 3-	4/0 ACSR 6/1	1468	1378	1159	319	3505	78	23	0.03	1.77	64	
38-43-P394-B+	38440002	6.11	535 3-	Closed	1468	1378	1159	319	3504	78	0	0.00	1.77	0	
38-43-P394-A+	38-43-P394-B	6.11	535 3-	Closed	1468	1378	1159	319	3504	78	0	0.00	1.77	0	
38430010+	38-43-P394-A	6.21	535 3-	4/0 ACSR 6/1	1456	1365	1148	319	3504	78	23	0.04	1.80	97	
38430024+	38430010	6.27	534 3-	4/0 ACSR 6/1	1448	1357	1139	318	3493	78	23	0.03	1.82	69	
38430026+	38430024	6.46	532 3-	4/0 ACSR 6/1	1424	1334	1116	317	3478	78	23	0.08	1.86	191	
38430027+	38430026	6.56	528 3-	4/0 ACSR 6/1	1412	1322	1105	316	3456	77	23	0.04	1.89	103	
38430028+	38430027	6.68	527 3-	4/0 ACSR 6/1	1398	1308	1091	315	3442	77	23	0.05	1.92	121	
38430029+	38430028	6.76	9 3-	4/0 ACSR 6/1	1389	1299	1082	315	3442	77	2	1	0.00	1.92	0
20851242+	38430029	6.80	9 3-	4/0 ACSR 6/1	1385	1294	1078	315	3442	77	2	1	0.00	1.92	0
20851243+	20851242	6.84	9 1-	2 ACSR 6/1	0	0	1073	314	116	7	4	0.00	0.04	0	
38430009+	20851243	6.86	4 1-	2 ACSR 6/1	0	0	1070	314	73	5	3	0.00	0.04	0	
20851244+	38430009	6.93	3 1-	2 ACSR 6/1	0	0	1060	313	59	4	2	0.00	0.04	0	
38430021+	38430009	6.94	1 1-	2 ACSR 6/1	0	0	1058	313	14	0	1	0.00	0.04	0	
38430022+	20851243	6.89	5 1-	2 ACSR 6/1	0	0	1065	313	42	2	2	0.00	0.04	0	
38530030+	38430022	6.93	4 1-	2 ACSR 6/1	0	0	1059	313	33	2	1	0.00	0.04	0	
38530031+	38530030	6.96	3 1-	2 ACSR 6/1	0	0	1055	312	26	1	1	0.00	0.04	0	
38530032+	38530031	6.99	2 1-	2 ACSR 6/1	0	0	1051	312	18	1	1	0.00	0.04	0	
38530033+	38530032	7.01	1 1-	2 ACSR 6/1	0	0	1048	312	9	0	0	0.00	0.04	0	
38430008+	38430029	6.79	0 1-	2 ACSR 6/1	0	0	1079	315	0	0	0	0.00	2.62	0	
20851126+	38430028	6.74	518 3-	4/0 ACSR 6/1	1392	1301	1085	315	3325	75	22	0.02	1.93	54	
38430023+	20851126	6.98	516 3-	4/0 ACSR 6/1	1365	1274	1059	314	3319	75	22	0.10	1.99	240	
38530029+	38430023	7.04	514 3-	4/0 ACSR 6/1	1358	1268	1052	313	3310	75	22	0.02	2.00	59	
R38-53-P35A+	38530029	7.04	514 3-	REGU-114.3	1358	1268	1052	313	3309	75	50	-2.76	0.00	0	
38530036+	R38-53-P35A	7.11	514 3-	4/0 ACSR 6/1	1350	1260	1045	313	3309	73	22	0.03	0.02	66	
38530035+	38530036	7.20	514 3-	4/0 ACSR 6/1	1340	1250	1035	312	3308	73	22	0.04	0.04	91	
D38-53-P012+	38530035	7.20	3 1-	FUS	0	0	1035	312	35	2	53	0.00	0.08	0	
38530044+	D38-53-P012	7.41	3 1-	2 ACSR 6/1	0	0	1009	309	35	2	1	0.01	0.08	0	
38530039+	38530044	7.52	1 1-	2 ACSR 6/1	0	0	994	308	15	0	1	0.00	0.08	0	
38530037+	38530044	7.47	1 1-	2 ACSR 6/1	0	0	1001	309	9	0	0	0.00	0.08	0	
38530038+	38530037	7.54	0 1-	2 ACSR 6/1	0	0	992	308	0	0	0	0.00	0.08	0	
38530007+	38530035	7.28	511 3-	4/0 ACSR 6/1	1332	1242	1028	312	3273	72	21	0.03	0.06	68	
D38-53-P022+	38530007	7.28	8 1-	FUS	0	0	1028	312	33	2	51	0.00	0.10	0	

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
38530045+	D38-53-P022	7.34	8 1-	2 ACSR 6/1	0	0	1020	311	33	2	1	0.00	0.10	0
38530040+	38530045	7.39	4 1-	2 ACSR 6/1	0	0	1014	310	22	1	1	0.00	0.10	0
38530027+	38530040	7.51	2 1-	2 ACSR 6/1	0	0	998	308	8	0	0	0.00	0.10	0
38530028+	38530027	7.57	1 1-	2 ACSR 6/1	0	0	990	308	7	0	0	0.00	0.10	0
38530042+	38530007	7.49	503 3-	4/0 ACSR 6/1	1310	1220	1007	310	3239	72	21	0.08	0.10	190
38530043+	38530042	7.56	503 3-	4/0 ACSR 6/1	1303	1213	1001	310	3237	72	21	0.03	0.12	65
38530041+	38530043	7.62	503 3-	4/0 ACSR 6/1	1297	1207	995	309	3236	72	21	0.02	0.13	53
C38-52-P100+	38530041	7.62	0 3-	Capacitor	1297	1207	995	309	0	-14	0	0.00	0.13	0
38520080+	38530041	7.87	503 3-	4/0 ACSR 6/1	1273	1183	972	308	3236	71	21	0.12	0.21	227
D38-52-P038+	38520080	7.87	503 3-	REC-100-E	1273	1183	972	308	3234	71	72	0.00	0.21	0
38520082+	D38-52-P038	7.89	503 3-	4/0 ACSR 6/1	1270	1180	970	308	3234	71	21	0.01	0.22	23
D38-52-P035+	38520082	7.89	14 1-	FUS	0	0	970	308	107	7	163	0.00	0.36	0
38520111+	D38-52-P035	7.94	14 1-	2 ACSR 6/1	0	0	964	307	107	7	4	0.01	0.36	0
38520083+	38520111	7.96	13 1-	2 ACSR 6/1	0	0	962	307	98	6	4	0.00	0.37	0
38520085+	38520083	8.02	12 1-	2 ACSR 6/1	0	0	955	306	81	5	3	0.00	0.37	0
38520089+	38520085	8.11	10 1-	2 ACSR 6/1	0	0	945	305	68	4	3	0.01	0.38	0
38520099+	38520089	8.13	0 1-	2 ACSR 6/1	0	0	942	305	0	0	0	0.00	0.38	0
38520100+	38520089	8.14	8 1-	2 ACSR 6/1	0	0	941	304	62	4	2	0.00	0.38	0
38520101+	38520100	8.18	6 1-	2 ACSR 6/1	0	0	937	304	45	3	2	0.00	0.38	0
38520102+	38520101	8.22	4 1-	2 ACSR 6/1	0	0	932	303	34	2	1	0.00	0.38	0
38520103+	38520102	8.28	1 1-	2 ACSR 6/1	0	0	926	303	8	0	0	0.00	0.38	0
38520084+	38520083	8.01	1 1-	2 ACSR 6/1	0	0	956	306	16	1	1	0.00	0.37	0
38520081+	38520082	7.96	488 3-	4/0 ACSR 6/1	1264	1175	964	307	3118	69	20	0.03	0.24	52
38520095+	38520081	8.15	487 3-	4/0 ACSR 6/1	1246	1157	947	306	3116	69	20	0.08	0.30	160
38520087+	38520095	8.22	484 3-	4/0 ACSR 6/1	1240	1150	942	305	3098	68	20	0.03	0.32	55
38520073+	38520087	8.29	474 3-	4/0 ACSR 6/1	1233	1144	936	305	3040	67	20	0.03	0.34	58
38520023+	38520073	8.40	2 1-	2 ACSR 6/1	0	0	924	304	9	0	0	0.00	-0.11	0
38520075+	38520023	8.46	1 1-	2 ACSR 6/1	0	0	917	303	2	0	0	0.00	-0.11	0
38520074+	38520023	8.44	1 1-	2 ACSR 6/1	0	0	919	303	7	0	0	0.00	-0.11	0
38520018+	38520073	8.36	472 3-	4/0 ACSR 6/1	1226	1138	930	305	3031	67	20	0.03	0.36	55
38520109+	38520018	8.60	470 3-	4/0 ACSR 6/1	1205	1117	911	303	3017	67	20	0.10	0.43	184
38520110+	38520109	8.67	469 3-	4/0 ACSR 6/1	1199	1111	905	303	3008	67	20	0.03	0.45	55
38520096+	38520110	8.76	4 3-	4/0 ACSR 6/1	1191	1103	898	302	20	0	0	0.00	0.45	0
38520097+	38520096	8.79	2 3-	4/0 ACSR 6/1	1189	1101	896	302	9	0	0	0.00	0.45	0
38520098+	38520110	8.73	5 3-	4/0 ACSR 6/1	1194	1106	900	302	30	0	0	0.00	0.45	0
38520088+	38520098	8.80	4 3-	4/0 ACSR 6/1	1188	1100	895	302	29	0	0	0.00	0.45	0
38520068+	38520088	8.82	4 3-	4/0 ACSR 6/1	1186	1098	893	302	29	0	0	0.00	0.45	0
38520070+	38520068	8.93	1 1-	2 ACSR 6/1	0	0	882	300	8	0	0	0.00	-0.12	0
38520069+	38520068	8.87	2 1-	2 ACSR 6/1	0	0	889	301	17	1	1	0.00	0.69	0
38520020+	38520110	8.74	460 3-	4/0 ACSR 6/1	1193	1105	900	302	2957	65	19	0.03	0.47	51
38520092+	38520020	8.79	2 1-	2 ACSR 6/1	0	0	895	302	16	1	1	0.00	0.82	0
38520093+	38520092	8.81	0 1-	2 ACSR 6/1	0	0	892	301	0	0	0	0.00	0.82	0
38520091+	38520020	8.84	1 1-	2 ACSR 6/1	0	0	889	301	2	0	0	0.00	0.71	0
38520021+	38520020	8.81	457 3-	4/0 ACSR 6/1	1187	1099	894	302	2939	65	19	0.03	0.49	54
38520094+	38520021	8.83	2 1-	2 ACSR 6/1	0	0	893	301	8	0	0	0.00	0.86	0
38520022+	38520021	8.89	455 3-	4/0 ACSR 6/1	1181	1093	889	301	2931	65	19	0.03	0.51	55
38620003+	38520022	8.99	455 3-	4/0 ACSR 6/1	1172	1084	881	301	2930	65	19	0.04	0.54	79
38520017+	38620003	9.08	454 3-	4/0 ACSR 6/1	1165	1077	874	300	2917	65	19	0.03	0.57	62
37590054+	38520017	9.21	453 3-	4/0 ACSR 6/1	1154	1067	865	299	2906	64	19	0.05	0.60	96
37590055+	37590054	9.26	54 3-	4/0 ACSR 6/1	1150	1063	861	299	376	8	2	0.00	0.61	1
37590057+	37590055	9.32	53 3-	4/0 ACSR 6/1	1146	1059	857	299	369	8	2	0.00	0.61	2
37590058+	37590057	9.35	52 3-	4/0 ACSR 6/1	1143	1056	855	298	363	8	2	0.00	0.61	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D37-59-P019+	37590058	9.35	6 1-	FUS	0	0	855	298	35	2	53	0.00	0.91	0
37590074+	D37-59-P019	9.41	6 1-	2 ACSR 6/1	0	0	849	298	35	2	1	0.00	0.91	0
37590072+	37590074	9.47	6 1-	2 ACSR 6/1	0	0	844	297	35	2	1	0.00	0.91	0
37690154+	37590072	9.51	5 1-	2 ACSR 6/1	0	0	840	296	29	1	1	0.00	0.91	0
37690155+	37690154	9.57	4 1-	2 ACSR 6/1	0	0	835	296	29	1	1	0.00	0.92	0
37690139+	37690155	9.63	3 1-	2 ACSR 6/1	0	0	829	295	22	1	1	0.00	0.92	0
37690140+	37690139	9.69	3 1-	2 ACSR 6/1	0	0	824	294	22	1	1	0.00	0.92	0
37690158+	37690140	9.79	2 1-	2 ACSR 6/1	0	0	816	293	10	0	0	0.00	0.92	0
37690159+	37690158	9.85	1 1-	2 ACSR 6/1	0	0	811	292	9	0	0	0.00	0.92	0
37690142+	37690155	9.62	1 1-	2 ACSR 6/1	0	0	831	295	6	0	0	0.00	0.92	0
37590048+	37590058	9.53	46 3-	4/0 ACSR 6/1	1129	1043	843	297	328	7	2	0.01	0.62	5
37690125+	37590048	9.67	45 3-	4/0 ACSR 6/1	1118	1032	833	296	319	7	2	0.01	0.62	4
37690035+	37690125	9.78	0 3-	4/0 ACSR 6/1	1110	1025	826	296	0	0	0	0.00	0.62	0
37690036+	37690125	9.79	45 3-	4/0 ACSR 6/1	1110	1024	826	296	319	7	2	0.01	0.62	3
37690126+	37690036	9.85	1 1-	2 ACSR 6/1	0	0	820	295	0	0	0	0.00	1.01	0
37690034+	37690036	9.89	44 3-	4/0 ACSR 6/1	1102	1017	819	295	319	7	2	0.00	0.63	3
37690128+	37690034	9.92	42 3-	4/0 ACSR 6/1	1100	1014	817	295	311	6	2	0.00	0.63	0
37690129+	37690128	9.95	38 3-	4/0 ACSR 6/1	1097	1012	815	295	294	6	2	0.00	0.63	0
D37-69-P090+	37690129	9.95	5 1-	REC-50-E	0	0	815	295	28	1	4	0.00	-0.04	0
37690130+	D37-69-P090	9.99	5 1-	2 ACSR 6/1	0	0	812	294	28	1	1	0.00	-0.04	0
37690118+	37690129	10.00	31 1-	2 ACSR 6/1	0	0	811	294	252	16	9	0.01	-0.03	2
37690119+	37690118	10.04	31 1-	2 ACSR 6/1	0	0	808	294	252	16	9	0.01	-0.02	2
37690120+	37690119	10.13	29 1-	2 ACSR 6/1	0	0	800	292	241	16	9	0.02	0.00	4
37690121+	37690120	10.20	29 1-	2 ACSR 6/1	0	0	794	292	241	16	9	0.02	0.02	3
37690122+	37690121	10.24	1 1-	2 ACSR 6/1	0	0	791	291	5	0	0	0.00	0.02	0
37690123+	37690122	10.37	0 1-	2 ACSR 6/1	0	0	781	290	0	0	0	0.00	0.02	0
37-69-P003-B+	37690123	10.37	0 1-	Open	0	0	781	290	0	0	0	0.00	0.02	0
37690037+	37690121	10.27	28 1-	2 ACSR 6/1	0	0	789	291	236	15	9	0.02	0.03	3
37690141+	37690037	10.30	16 1-	2 ACSR 6/1	0	0	786	290	111	7	4	0.00	0.04	0
37690157+	37690141	10.36	15 1-	2 ACSR 6/1	0	0	781	290	98	6	4	0.01	0.04	0
37690104+	37690157	10.40	14 1-	2 ACSR 6/1	0	0	778	289	97	6	4	0.00	0.05	0
37690105+	37690104	10.45	12 1-	2 ACSR 6/1	0	0	774	289	79	5	3	0.00	0.05	0
37690106+	37690105	10.49	3 1-	2 ACSR 6/1	0	0	771	288	15	0	1	0.00	0.05	0
37690156+	37690106	10.52	0 1-	2 ACSR 6/1	0	0	769	288	0	0	0	0.00	0.05	0
37690038+	37690105	10.53	9 1-	2 ACSR 6/1	0	0	768	288	65	4	2	0.00	0.06	0
37690115+	37690038	10.57	6 1-	2 ACSR 6/1	0	0	765	287	46	3	2	0.00	0.06	0
37690116+	37690115	10.61	5 1-	2 ACSR 6/1	0	0	762	287	38	2	1	0.00	0.06	0
37690117+	37690116	10.64	2 1-	2 ACSR 6/1	0	0	760	286	24	1	1	0.00	0.06	0
37690131+	37690117	10.81	1 1-	2 ACSR 6/1	0	0	747	284	24	1	1	0.00	0.06	0
37690108+	37690038	10.56	2 1-	2 ACSR 6/1	0	0	766	287	17	1	1	0.00	0.06	0
37690109+	37690108	10.59	0 1-	2 ACSR 6/1	0	0	764	287	0	0	0	0.00	0.06	0
37690107+	37690038	10.56	1 1-	2 ACSR 6/1	0	0	766	287	1	0	0	0.00	0.06	0
37690124+	37690037	10.40	2 1-	2 ACSR 6/1	0	0	778	289	15	1	1	0.00	0.04	0
37690113+	37690124	10.47	1 1-	2 ACSR 6/1	0	0	773	288	10	0	0	0.00	0.04	0
37690099+	37690037	10.32	10 1-	2 ACSR 6/1	0	0	785	290	110	7	4	0.00	0.04	0
37690100+	37690099	10.37	9 1-	2 ACSR 6/1	0	0	781	290	88	5	3	0.00	0.04	0
37690102+	37690100	10.41	2 1-	25 KV 1/0 URD X	0	0	779	519	17	1	1	0.00	0.04	0
37690132+	37690100	10.53	6 1-	2 ACSR 6/1	0	0	768	288	56	3	2	0.01	0.05	0
37690133+	37690132	10.64	6 1-	2 ACSR 6/1	0	0	760	286	56	3	2	0.01	0.06	0
37680033+	37690133	10.78	2 1-	2 ACSR 6/1	0	0	750	285	27	1	1	0.00	0.06	0
37680193+	37680033	10.85	1 1-	2 ACSR 6/1	0	0	744	284	3	0	0	0.00	0.06	0
37680195+	37680033	10.90	1 1-	2 ACSR 6/1	0	0	740	283	24	1	1	0.00	0.06	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
		CONS		CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
37680196+	37680195	10.94	1 1-	15 KV 2 URD XLP	0	0	738	498	24	1	1	0.00	0.07	0
37680109+	37690133	10.68	4 1-	2 ACSR 6/1	0	0	757	286	28	1	1	0.00	0.06	0
37680110+	37680109	10.72	3 1-	2 ACSR 6/1	0	0	754	286	22	1	1	0.00	0.06	0
37680108+	37680110	10.74	2 1-	2 ACSR 6/1	0	0	752	285	12	0	0	0.00	0.06	0
37690101+	37690100	10.40	1 1-	2 ACSR 6/1	0	0	779	289	16	1	1	0.00	0.04	0
37690127+	37690034	9.92	1 1-	2 ACSR 6/1	0	0	816	295	7	0	0	0.00	1.00	0
37590056+	37590055	9.30	1 1-	2 ACSR 6/1	0	0	858	298	8	0	0	0.00	1.05	0
37590060+	37590054	9.35	5 1-	2 ACSR 6/1	0	0	852	298	37	2	1	0.00	0.90	0
37590076+	37590060	9.38	1 1-	2 ACSR 6/1	0	0	849	297	9	0	0	0.00	0.90	0
37590061+	37590076	9.41	1 1-	2 ACSR 6/1	0	0	846	297	9	0	0	0.00	0.90	0
37590050+	37590054	9.29	392 3-	4/0 ACSR 6/1	1148	1061	859	299	2472	55	16	0.02	0.62	47
37590062+	37590050	9.39	1 1-	2 ACSR 6/1	0	0	850	297	9	0	0	0.00	0.92	0
37590012+	37590050	9.33	391 3-	4/0 ACSR 6/1	1145	1058	857	298	2462	55	16	0.01	0.63	24
37590011+	37590012	9.44	369 3-	4/0 ACSR 6/1	1136	1049	849	298	2340	52	15	0.03	0.66	62
37590053+	37590011	9.48	1 1-	2 ACSR 6/1	0	0	845	297	6	0	0	0.00	-0.16	0
37590051+	37590011	9.59	368 3-	4/0 ACSR 6/1	1124	1038	839	297	2334	52	15	0.04	0.69	83
37590052+	37590051	9.65	367 3-	4/0 ACSR 6/1	1120	1034	835	296	2326	52	15	0.01	0.70	33
37590047+	37590052	9.74	363 3-	4/0 ACSR 6/1	1113	1027	829	296	2308	51	15	0.02	0.72	49
37690134+	37590047	9.80	1 1-	2 ACSR 6/1	0	0	823	295	11	0	0	0.00	1.03	0
37690135+	37590047	9.80	351 3-	4/0 ACSR 6/1	1108	1022	824	295	2194	49	14	0.02	0.74	31
37690028+	37690135	9.87	351 3-	4/0 ACSR 6/1	1104	1018	820	295	2194	49	14	0.02	0.75	31
37690148+	37690028	9.96	349 3-	4/0 ACSR 6/1	1097	1011	815	295	2176	48	14	0.02	0.77	44
37690150+	37690148	10.03	345 3-	4/0 ACSR 6/1	1092	1007	810	294	2154	48	14	0.02	0.78	33
37690151+	37690150	10.09	344 3-	4/0 ACSR 6/1	1088	1002	806	294	2147	48	14	0.02	0.79	30
37690152+	37690151	10.25	1 1-	2 ACSR 6/1	0	0	794	292	2	0	0	0.00	1.12	0
37690110+	37690151	10.11	4 1-	2 ACSR 6/1	0	0	804	293	21	1	1	0.00	1.50	0
37690111+	37690110	10.16	2 1-	2 ACSR 6/1	0	0	801	293	9	0	0	0.00	1.50	0
37690031+	37690151	10.18	339 3-	4/0 ACSR 6/1	1081	996	801	293	2124	47	14	0.02	0.81	44
37690112+	37690031	10.24	338 3-	4/0 ACSR 6/1	1077	992	797	293	2119	47	14	0.01	0.82	28
37690098+	37690112	10.28	337 3-	4/0 ACSR 6/1	1074	989	795	293	2113	47	14	0.01	0.83	18
37690033+	37690098	10.42	337 3-	1/0 ACSR 6/1	1062	978	785	291	2113	47	21	0.07	0.88	122
37690030+	37690033	10.42	0 3-	1/0 ACSR 6/1	1062	977	785	291	0	0	0	0.00	0.88	0
37690032+	37690033	10.45	337 3-	1/0 ACSR 6/1	1059	975	783	291	2111	47	21	0.02	0.90	32
37680137+	37690032	10.59	335 3-	1/0 ACSR 6/1	1048	964	774	290	2104	47	21	0.07	0.95	117
37680138+	37680137	10.66	333 3-	1/0 ACSR 6/1	1042	958	769	289	2093	46	20	0.04	0.97	63
37680139+	37680138	10.71	1 1-	2 ACSR 6/1	0	0	766	289	14	0	1	0.00	1.36	0
37680140+	37680138	10.71	330 3-	1/0 ACSR 6/1	1037	953	766	289	2062	46	20	0.03	0.99	46
37680135+	37680140	10.79	323 3-	1/0 ACSR 6/1	1031	947	761	288	1952	43	19	0.04	1.02	57
37680151+	37680135	10.82	319 3-	1/0 ACSR 6/1	1029	945	759	288	1937	43	19	0.01	1.03	21
D37-68-P129+	37680151	10.82	7 1-	REC-50-E	0	0	759	288	68	4	9	0.00	1.44	0
37680165+	D37-68-P129	10.91	7 1-	2 ACSR 6/1	0	0	752	287	68	4	3	0.01	1.44	0
37680180+	37680165	11.03	6 1-	2 ACSR 6/1	0	0	743	286	60	4	2	0.01	1.45	0
37680182+	37680180	11.05	5 1-	2 ACSR 6/1	0	0	742	285	47	3	2	0.00	1.45	0
37680197+	37680182	11.13	2 1-	2 ACSR 6/1	0	0	736	284	24	1	1	0.00	1.45	0
37680198+	37680197	11.18	1 1-	2 ACSR 6/1	0	0	733	284	14	0	1	0.00	1.45	0
37680184+	37680182	11.16	2 1-	2 ACSR 6/1	0	0	734	284	16	1	1	0.00	1.45	0
37680186+	37680184	11.25	1 1-	2 ACSR 6/1	0	0	727	283	8	0	0	0.00	1.45	0
37680187+	37680184	11.21	1 1-	2 ACSR 6/1	0	0	730	283	8	0	0	0.00	1.45	0
37680183+	37680180	11.07	1 1-	2 ACSR 6/1	0	0	740	285	13	0	0	0.00	1.45	0
37680179+	37680165	10.99	1 1-	2 ACSR 6/1	0	0	746	286	8	0	0	0.00	1.44	0
37680035+	37680151	10.83	312 3-	1/0 ACSR 6/1	1028	944	758	288	1869	41	18	0.01	1.03	9
D37-68-P116+	37680035	10.83	312 3-	REC-50-E	1028	944	758	288	1869	41	84	0.00	1.03	0

LINE SECT	PRIOR SECT	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
			CONS	CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS
37680166+	D37-68-P116	10.85	312 3-	1/0 ACSR 6/1	1026	942	757	288	1869	41 18	0.01	1.04	12	62
37680167+	37680166	10.94	311 3-	1/0 ACSR 6/1	1019	935	751	287	1865	41 18	0.04	1.07	62	12
37680171+	37680167	10.98	303 3-	1/0 ACSR 6/1	1016	932	748	287	1795	40 17	0.02	1.08	28	38
37680172+	37680171	11.04	302 3-	1/0 ACSR 6/1	1011	927	745	286	1794	40 17	0.03	1.10	38	28
37680175+	37680172	11.13	4 1-	2 ACSR 6/1	0	0	739	285	37	2 1	0.00	2.08	0	0
37680174+	37680175	11.14	2 1-	2 ACSR 6/1	0	0	737	285	17	1 1	0.00	2.08	0	0
37680124+	37680174	11.21	1 1-	2 ACSR 6/1	0	0	733	284	12	0 0	0.00	2.08	0	0
37680125+	37680124	11.37	0 1-	2 ACSR 6/1	0	0	722	282	0	0 0	0.00	2.08	0	0
37680176+	37680175	11.20	1 1-	2 ACSR 6/1	0	0	734	284	9	0 0	0.00	2.08	0	0
37680173+	37680172	11.10	1 1-	2 ACSR 6/1	0	0	740	285	10	0 0	0.00	1.54	0	0
37680126+	37680172	11.07	297 3-	1/0 ACSR 6/1	1009	925	743	286	1747	39 17	0.01	1.11	14	14
37680127+	37680126	11.10	296 3-	1/0 ACSR 6/1	1006	923	741	286	1743	39 17	0.02	1.12	19	19
37680154+	37680127	11.16	6 1-	2 ACSR 6/1	0	0	737	285	44	2 2	0.00	1.57	0	0
37680155+	37680154	11.19	5 1-	2 ACSR 6/1	0	0	734	285	36	2 1	0.00	1.57	0	0
37680156+	37680155	11.22	4 1-	2 ACSR 6/1	0	0	732	284	28	1 1	0.00	1.57	0	0
37680111+	37680156	11.25	2 1-	2 ACSR 6/1	0	0	730	284	11	0 0	0.00	1.57	0	0
37680112+	37680111	11.28	1 1-	2 ACSR 6/1	0	0	728	284	9	0 0	0.00	1.58	0	0
37680114+	37680112	11.32	0 1-	2 ACSR 6/1	0	0	726	283	0	0 0	0.00	1.58	0	0
37680113+	37680112	11.31	1 1-	2 ACSR 6/1	0	0	727	283	9	0 0	0.00	1.58	0	0
37680115+	37680127	11.17	290 3-	1/0 ACSR 6/1	1001	917	737	285	1699	38 17	0.03	1.14	39	39
37680116+	37680115	11.21	289 3-	1/0 ACSR 6/1	998	914	734	285	1696	38 17	0.02	1.15	23	23
37680117+	37680116	11.25	2 1-	2 ACSR 6/1	0	0	732	284	19	1 1	0.00	1.62	0	0
37680188+	37680117	11.28	1 1-	2 ACSR 6/1	0	0	729	284	11	0 0	0.00	1.62	0	0
37680118+	37680116	11.26	287 3-	1/0 ACSR 6/1	994	911	731	284	1676	37 16	0.02	1.17	26	26
37680002+	37680118	11.30	286 3-	1/0 ACSR 6/1	991	908	729	284	1670	37 16	0.02	1.18	20	20
37680119+	37680002	11.37	286 3-	1/0 ACSR 6/1	986	902	725	283	1669	37 16	0.03	1.20	41	41
37680128+	37680119	11.51	271 3-	1/0 ACSR 6/1	976	893	717	282	1536	34 15	0.05	1.23	64	64
37680129+	37680128	11.56	269 3-	1/0 ACSR 6/1	972	889	714	282	1524	34 15	0.02	1.25	24	24
37-68-P003-B+	37680129	11.56	269 3-	Closed	972	889	714	282	1524	34 0	0.00	1.25	0	0
37-68-P003-A+	37-68-P003-B	11.56	269 3-	Closed	972	889	714	282	1524	34 0	0.00	1.25	0	0
37680130+	37-68-P003-A	11.57	269 3-	1/0 ACSR 6/1	971	888	713	282	1524	34 15	0.00	1.25	4	4
37680149+	37680130	11.61	258 3-	1/0 ACSR 6/1	968	885	711	281	1445	32 14	0.02	1.26	18	18
37680150+	37680149	11.69	255 3-	1/0 ACSR 6/1	962	879	706	281	1439	32 14	0.03	1.28	34	34
37670031+	37680150	11.76	253 3-	1/0 ACSR 6/1	957	875	703	280	1432	32 14	0.02	1.29	25	25
37670032+	37670031	11.82	251 3-	1/0 ACSR 6/1	953	871	699	280	1409	31 14	0.02	1.31	26	26
37670033+	37670032	11.89	251 3-	1/0 ACSR 6/1	948	866	695	279	1409	31 14	0.02	1.33	30	30
CAP173+	37670033	11.89	248 3-	Capacitor	0	0	0	0	1393	31 0	0.00	1.33	0	0
37670034+	CAP173	11.92	31 1-	2 ACSR 6/1	0	0	693	279	185	12 7	0.01	2.49	0	0
37670035+	37670034	11.94	30 1-	2 ACSR 6/1	0	0	692	279	178	12 7	0.00	2.49	0	0
D37-67-P046+	37670035	11.94	30 1-	REC-25-E	0	0	692	279	178	12 49	0.00	2.49	0	0
37670036+	D37-67-P046	11.95	30 1-	2 ACSR 6/1	0	0	692	278	178	12 7	0.00	2.49	0	0
37670039+	37670036	12.05	29 1-	2 ACSR 6/1	0	0	686	277	173	11 7	0.02	2.51	2	2
37770090+	37670039	12.08	25 1-	2 ACSR 6/1	0	0	683	277	150	10 6	0.01	2.52	0	0
37770111+	37770090	12.16	4 1-	2 ACSR 6/1	0	0	679	276	20	1 1	0.00	2.52	0	0
37770113+	37770111	12.34	0 1-	2 ACSR 6/1	0	0	668	274	0	0 0	0.00	2.52	0	0
37770114+	37770113	12.52	0 1-	2 ACSR 6/1	0	0	657	272	0	0 0	0.00	2.52	0	0
37770112+	37770114	12.54	0 1-	2 ACSR 6/1	0	0	656	272	0	0 0	0.00	2.52	0	0
37770115+	37770111	12.30	4 1-	2 ACSR 6/1	0	0	670	275	20	1 1	0.00	2.52	0	0
37770116+	37770115	12.36	2 1-	2 ACSR 6/1	0	0	666	274	14	0 1	0.00	2.52	0	0
37770117+	37770116	12.42	1 1-	2 ACSR 6/1	0	0	663	273	10	0 0	0.00	2.52	0	0
37770091+	37770090	12.12	8 1-	2 ACSR 6/1	0	0	681	277	59	4 2	0.00	2.52	0	0
37770092+	37770091	12.17	6 1-	2 ACSR 6/1	0	0	678	276	44	3 2	0.00	2.52	0	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37770109+	37770092	12.20	5 1-	2 ACSR 6/1	0	0	676	276	32	2	1	0.00	2.52	0
37770110+	37770109	12.29	2 1-	2 ACSR 6/1	0	0	671	275	8	0	0	0.00	2.52	0
37770071+	37770090	12.15	13 1-	2 ACSR 6/1	0	0	679	276	70	4	3	0.00	2.52	0
37770078+	37770071	12.20	10 1-	2 ACSR 6/1	0	0	676	276	44	3	2	0.00	2.52	0
37770079+	37770078	12.22	8 1-	2 ACSR 6/1	0	0	675	275	40	2	2	0.00	2.52	0
37770069+	37770079	12.26	3 1-	2 ACSR 6/1	0	0	673	275	21	1	1	0.00	2.52	0
37770070+	37770069	12.28	2 1-	2 ACSR 6/1	0	0	671	275	12	0	0	0.00	2.52	0
37770139+	37770070	12.33	2 1-	2 ACSR 6/1	0	0	669	274	12	0	0	0.00	2.52	0
37770121+	37770090	12.10	0 1-	2 ACSR 6/1	0	0	682	277	0	0	0	0.00	2.52	0
37670026+	CAP173	11.98	217 3-	1/0 ACSR 6/1	942	860	691	278	1208	27	12	0.03	1.35	27
37670028+	37670026	12.04	207 3-	1/0 ACSR 6/1	938	856	688	278	1166	26	11	0.02	1.36	18
37670030+	37670028	12.10	1 1-	2 ACSR 6/1	0	0	684	277	4	0	0	0.00	1.93	0
37670029+	37670028	12.09	204 3-	1/0 ACSR 6/1	934	852	685	277	1154	26	11	0.02	1.37	16
37670038+	37670029	12.18	6 1-	2 ACSR 6/1	0	0	679	277	17	1	1	0.00	2.55	0
37670021+	37670029	12.24	198 3-	1/0 ACSR 6/1	924	843	677	276	1137	25	11	0.06	1.40	42
37670022+	37670021	12.29	197 3-	1/0 ACSR 6/1	921	839	674	276	1134	25	11	0.02	1.41	14
37770013+	37670022	12.34	195 3-	1/0 ACSR 6/1	917	836	672	275	1110	25	11	0.02	1.42	15
D37-77-P027+	37770013	12.34	31 1-	RBC-25-E	0	0	672	275	203	13	55	0.00	2.64	0
37770097+	D37-77-P027	12.38	31 1-	2 ACSR 6/1	0	0	670	275	203	13	8	0.01	2.64	1
37770074+	37770097	12.41	0 1-	2 ACSR 6/1	0	0	667	275	0	0	0	0.00	2.64	0
37770015+	37770097	12.42	31 1-	2 ACSR 6/1	0	0	667	275	203	13	8	0.01	2.65	1
37770076+	37770015	12.46	0 1-	2 ACSR 6/1	0	0	664	274	0	0	0	0.00	2.65	0
37770075+	37770015	12.57	1 1-	2 ACSR 6/1	0	0	658	273	3	0	0	0.00	2.65	0
37770016+	37770015	12.51	30 1-	2 ACSR 6/1	0	0	662	274	200	13	8	0.02	2.67	3
37770081+	37770016	12.56	27 1-	2 ACSR 6/1	0	0	659	273	171	11	6	0.01	2.68	1
37770082+	37770081	12.60	25 1-	2 ACSR 6/1	0	0	657	273	154	10	6	0.01	2.68	0
37770084+	37770082	12.63	23 1-	2 ACSR 6/1	0	0	655	272	142	9	5	0.00	2.69	0
37770085+	37770084	12.69	22 1-	2 ACSR 6/1	0	0	652	272	135	9	5	0.01	2.70	0
37770086+	37770085	12.73	5 1-	2 ACSR 6/1	0	0	649	271	39	2	1	0.00	2.70	0
37770087+	37770086	12.79	1 1-	2 ACSR 6/1	0	0	646	271	6	0	0	0.00	2.70	0
37770128+	37770085	12.73	8 1-	2 ACSR 6/1	0	0	649	271	50	3	2	0.00	2.70	0
37770135+	37770128	12.76	7 1-	2 ACSR 6/1	0	0	648	271	44	3	2	0.00	2.70	0
37770136+	37770135	12.78	6 1-	2 ACSR 6/1	0	0	647	271	37	2	1	0.00	2.70	0
37770137+	37770136	12.83	6 1-	2 ACSR 6/1	0	0	644	270	37	2	1	0.00	2.70	0
37770138+	37770137	12.87	4 1-	2 ACSR 6/1	0	0	642	270	20	1	1	0.00	2.70	0
37770134+	37770128	12.75	1 1-	2 ACSR 6/1	0	0	648	271	6	0	0	0.00	2.70	0
37770129+	37770134	12.78	0 1-	2 ACSR 6/1	0	0	646	271	0	0	0	0.00	2.70	0
37770088+	37770085	12.73	8 1-	2 ACSR 6/1	0	0	649	271	34	2	1	0.00	2.70	0
37770089+	37770088	12.78	4 1-	2 ACSR 6/1	0	0	646	271	22	1	1	0.00	2.70	0
37770083+	37770082	12.63	2 1-	2 ACSR 6/1	0	0	655	272	12	0	0	0.00	2.69	0
37770077+	37770016	12.61	3 1-	2 ACSR 6/1	0	0	656	273	30	2	1	0.00	2.67	0
37770080+	37770077	12.71	1 1-	2 ACSR 6/1	0	0	650	272	14	0	1	0.00	2.67	0
37770126+	37770013	12.37	164 3-	1/0 ACSR 6/1	915	834	670	275	907	20	9	0.01	1.43	7
37770127+	37770126	12.42	163 3-	1/0 ACSR 6/1	912	831	668	275	895	20	9	0.02	1.44	11
37770098+	37770127	12.46	5 1-	2 ACSR 6/1	0	0	665	274	19	1	1	0.00	2.65	0
37770099+	37770098	12.49	3 1-	2 ACSR 6/1	0	0	664	274	15	1	1	0.00	2.65	0
37770100+	37770127	12.52	155 3-	1/0 ACSR 6/1	906	825	663	274	866	19	9	0.04	1.45	21
37770101+	37770100	12.59	151 3-	1/0 ACSR 6/1	901	821	659	274	848	19	8	0.03	1.46	14
37770102+	37770101	12.65	150 3-	1/0 ACSR 6/1	897	816	656	273	835	18	8	0.03	1.47	14
37770103+	37770102	12.72	149 3-	1/0 ACSR 6/1	893	812	653	273	825	18	8	0.03	1.48	14
37770104+	37770103	12.76	148 3-	1/0 ACSR 6/1	890	810	651	272	823	18	8	0.01	1.49	7
37770105+	37770104	12.80	147 3-	1/0 ACSR 6/1	888	808	649	272	817	18	8	0.01	1.50	7

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37770107+	37770105	12.84	2 1-	2 ACSR 6/1	0	0	647	271	5	0	0	0.00	2.23	0
37770108+	37770107	12.89	1 1-	2 ACSR 6/1	0	0	644	271	4	0	0	0.00	2.23	0
37770106+	37770105	12.82	143 3-	1/0 ACSR 6/1	887	807	648	272	803	18	8	0.01	1.50	4
37770017+	37770106	12.84	143 3-	1/0 ACSR 6/1	886	805	647	272	803	18	8	0.01	1.50	4
37770130+	37770017	12.90	6 1-	2 ACSR 6/1	0	0	644	271	25	1	1	0.00	2.72	0
37770131+	37770130	12.93	2 1-	2 ACSR 6/1	0	0	642	271	11	0	0	0.00	2.72	0
37770122+	37770017	12.85	11 1-	2 ACSR 6/1	0	0	647	271	50	3	2	0.00	2.72	0
37770118+	37770122	12.87	9 1-	2 ACSR 6/1	0	0	646	271	42	2	2	0.00	2.72	0
37770119+	37770118	12.89	2 1-	2 ACSR 6/1	0	0	645	271	10	0	0	0.00	2.72	0
37770120+	37770118	12.89	4 1-	2 ACSR 6/1	0	0	645	271	17	1	1	0.00	2.72	0
37770014+	37770017	12.92	126 3-	1/0 ACSR 6/1	880	800	643	271	727	16	7	0.04	1.51	16
37770067+	37770014	13.00	7 1-	2 ACSR 6/1	0	0	639	270	31	2	1	0.00	2.28	0
377700087+	37770067	13.03	6 1-	2 ACSR 6/1	0	0	637	270	27	1	1	0.00	2.29	0
377700093+	37770014	12.98	9 1-	2 ACSR 6/1	0	0	640	270	51	3	2	0.00	2.73	0
37770094+	37770093	13.07	8 1-	2 ACSR 6/1	0	0	635	269	51	3	2	0.00	2.74	0
37770095+	37770094	13.10	6 1-	2 ACSR 6/1	0	0	634	269	40	2	2	0.00	2.74	0
37770096+	37770095	13.12	4 1-	2 ACSR 6/1	0	0	632	269	26	1	1	0.00	2.74	0
37770123+	37770096	13.15	2 1-	2 ACSR 6/1	0	0	631	269	13	0	0	0.00	2.74	0
37770125+	37770123	13.19	1 1-	2 ACSR 6/1	0	0	629	268	5	0	0	0.00	2.74	0
37770124+	37770123	13.20	1 1-	2 ACSR 6/1	0	0	628	268	8	0	0	0.00	2.74	0
37770073+	37770014	12.98	2 1-	2 ACSR 6/1	0	0	640	270	18	1	1	0.00	2.73	0
37770072+	37770014	12.97	1 1-	2 ACSR 6/1	0	0	641	270	4	0	0	0.00	2.73	0
37770132+	37770014	12.98	107 3-	1/0 ACSR 6/1	877	797	641	271	623	14	6	0.02	1.52	10
37760078+	37770132	13.03	106 3-	1/0 ACSR 6/1	874	794	638	270	614	13	6	0.02	1.53	9
37760079+	37760078	13.07	105 3-	1/0 ACSR 6/1	871	792	637	270	605	13	6	0.01	1.53	6
37760080+	37760079	13.11	105 3-	1/0 ACSR 6/1	869	789	635	270	605	13	6	0.02	1.53	7
37760074+	37760080	13.16	102 3-	1/0 ACSR 6/1	866	787	632	269	588	13	6	0.02	1.54	9
37760075+	37760074	13.22	18 1-	2 ACSR 6/1	0	0	629	269	113	7	4	0.01	2.39	0
37760076+	37760075	13.27	17 1-	2 ACSR 6/1	0	0	627	268	107	7	4	0.01	2.39	0
37760088+	37760076	13.37	16 1-	2 ACSR 6/1	0	0	621	267	93	6	4	0.01	2.40	0
37760089+	37760088	13.39	16 1-	2 ACSR 6/1	0	0	620	267	93	6	4	0.00	2.41	0
37760090+	37760089	13.45	15 1-	2 ACSR 6/1	0	0	617	266	90	6	3	0.01	2.41	0
37760065+	37760090	13.49	13 1-	2 ACSR 6/1	0	0	615	266	79	5	3	0.00	2.41	0
37760067+	37760065	13.52	10 1-	2 ACSR 6/1	0	0	614	266	64	4	2	0.00	2.42	0
37760062+	37760067	13.57	8 1-	2 ACSR 6/1	0	0	611	265	57	3	2	0.00	2.42	0
37760063+	37760062	13.62	6 1-	2 ACSR 6/1	0	0	609	265	42	2	2	0.00	2.42	0
37760068+	37760063	13.69	4 1-	2 ACSR 6/1	0	0	605	264	34	2	1	0.00	2.42	0
37760069+	37760068	13.75	3 1-	2 ACSR 6/1	0	0	602	263	19	1	1	0.00	2.42	0
37760071+	37760069	13.89	1 1-	2 ACSR 6/1	0	0	595	262	9	0	0	0.00	2.42	0
37760070+	37760069	13.76	2 1-	2 ACSR 6/1	0	0	601	263	11	0	0	0.00	2.42	0
37760066+	37760065	13.54	2 1-	2 ACSR 6/1	0	0	613	265	14	0	1	0.00	2.41	0
37760091+	37760090	13.49	2 1-	2 ACSR 6/1	0	0	615	266	10	0	0	0.00	2.41	0
37760077+	37760076	13.42	1 1-	2 ACSR 6/1	0	0	619	266	13	0	1	0.00	2.39	0
37760073+	37760074	13.26	81 1-	2 ACSR 6/1	0	0	627	268	459	31	17	0.05	2.43	17
37760082+	37760073	13.33	80 1-	2 ACSR 6/1	0	0	623	267	452	30	17	0.03	2.46	12
37760083+	37760082	13.41	79 1-	2 ACSR 6/1	0	0	619	267	449	30	17	0.03	2.50	12
37760084+	37760083	13.44	76 1-	2 ACSR 6/1	0	0	618	266	442	30	17	0.02	2.51	5
37760085+	37760084	13.50	74 1-	2 ACSR 6/1	0	0	615	266	428	29	16	0.02	2.54	8
37760086+	37760085	13.58	68 1-	2 ACSR 6/1	0	0	611	265	395	26	15	0.03	2.57	10
37760059+	37760086	13.73	63 1-	2 ACSR 6/1	0	0	603	263	365	24	14	0.06	2.63	17
37760060+	37760059	13.79	63 1-	2 ACSR 6/1	0	0	600	263	364	24	14	0.02	2.65	7
37760061+	37760060	13.89	61 1-	2 ACSR 6/1	0	0	595	262	354	24	13	0.04	2.69	10

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37760056+	37760061	13.97	53 1-	2 ACSR 6/1	0	0	592	261	310	21	12	0.03	2.71	6
37760098+	37760056	14.02	1 1-	2 ACSR 6/1	0	0	589	261	8	0	0	0.00	2.71	0
37760057+	37760056	14.05	51 1-	2 ACSR 6/1	0	0	588	260	303	20	11	0.03	2.74	6
37760058+	37760057	14.08	11 1-	2 ACSR 6/1	0	0	587	260	49	3	2	0.00	2.74	0
37760006+	37760058	14.14	11 1-	2 ACSR 6/1	0	0	584	259	49	3	2	0.00	2.74	0
37760005+	37760006	14.48	0 1-	2 ACSR 6/1	0	0	568	256	0	0	0	0.00	2.74	0
37760004+	37760006	14.17	2 1-	2 ACSR 6/1	0	0	582	259	15	1	1	0.00	2.74	0
37760002+	37760006	14.19	8 1-	2 ACSR 6/1	0	0	581	259	34	2	1	0.00	2.74	0
37760094+	37760002	14.21	6 1-	2 ACSR 6/1	0	0	580	259	31	2	1	0.00	2.74	0
37760095+	37760094	14.28	4 1-	2 ACSR 6/1	0	0	577	258	25	1	1	0.00	2.74	0
37760096+	37760095	14.32	1 1-	2 ACSR 6/1	0	0	575	258	6	0	0	0.00	2.74	0
37760093+	37760002	14.36	1 1-	2 ACSR 6/1	0	0	574	257	1	0	0	0.00	2.74	0
37760007+	37760057	14.11	40 1-	2 ACSR 6/1	0	0	585	260	254	17	10	0.02	2.75	3
37760072+	37760007	14.35	39 1-	2 ACSR 6/1	0	0	574	257	248	16	9	0.06	2.81	12
37750028+	37760072	14.41	38 1-	2 ACSR 6/1	0	0	571	257	235	16	9	0.01	2.83	2
37750025+	37750028	14.51	3 1-	2 ACSR 6/1	0	0	567	256	20	1	1	0.00	2.83	0
37750027+	37750025	14.53	2 1-	2 ACSR 6/1	0	0	566	256	15	1	1	0.00	2.83	0
37750024+	37750028	14.61	34 1-	2 ACSR 6/1	0	0	563	255	205	14	8	0.04	2.87	7
37750016+	37750024	14.62	3 1-	2 ACSR 6/1	0	0	562	255	19	1	1	0.00	2.87	0
37750017+	37750016	14.67	1 1-	2 ACSR 6/1	0	0	560	254	7	0	0	0.00	2.87	0
37750003+	37750024	14.70	31 1-	2 ACSR 6/1	0	0	559	254	186	12	7	0.02	2.89	3
37750018+	37750003	14.74	1 1-	2 ACSR 6/1	0	0	557	254	5	0	0	0.00	2.89	0
37750004+	37750003	14.77	30 1-	2 ACSR 6/1	0	0	556	253	181	12	7	0.01	2.90	2
37750022+	37750004	14.86	27 1-	2 ACSR 6/1	0	0	552	253	163	11	6	0.01	2.91	2
37750023+	37750022	14.95	26 1-	2 ACSR 6/1	0	0	548	252	155	10	6	0.01	2.93	2
37750026+	37750023	15.04	25 1-	2 ACSR 6/1	0	0	545	251	146	9	6	0.01	2.94	1
37850016+	37750026	15.12	24 1-	2 ACSR 6/1	0	0	541	250	136	9	5	0.01	2.95	1
37850017+	37850016	15.16	21 1-	2 ACSR 6/1	0	0	540	250	110	7	4	0.00	2.96	0
37850018+	37850017	15.20	17 1-	2 ACSR 6/1	0	0	538	250	80	5	3	0.00	2.96	0
37850020+	37850018	15.26	2 1-	2 ACSR 6/1	0	0	536	249	15	0	1	0.00	2.96	0
37850021+	37850020	15.39	1 1-	2 ACSR 6/1	0	0	530	248	8	0	0	0.00	2.96	0
37850022+	37850018	15.24	10 1-	2 ACSR 6/1	0	0	536	249	45	3	2	0.00	2.96	0
37850023+	37850022	15.36	7 1-	2 ACSR 6/1	0	0	532	248	27	1	1	0.00	2.96	0
37850024+	37850023	15.42	5 1-	2 ACSR 6/1	0	0	529	248	19	1	1	0.00	2.96	0
37850025+	37850024	15.47	5 1-	2 ACSR 6/1	0	0	527	247	19	1	1	0.00	2.97	0
37850026+	37850025	15.62	4 1-	2 ACSR 6/1	0	0	522	246	15	0	1	0.00	2.97	0
37850027+	37850026	15.66	3 1-	2 ACSR 6/1	0	0	520	246	12	0	0	0.00	2.97	0
37850028+	37850027	15.73	0 1-	2 ACSR 6/1	0	0	518	245	0	0	0	0.00	2.97	0
37850019+	37850018	15.22	2 1-	2 ACSR 6/1	0	0	537	249	14	0	1	0.00	2.96	0
37850015+	37850016	15.15	1 1-	2 ACSR 6/1	0	0	540	250	10	0	0	0.00	2.95	0
37750019+	37750004	14.81	3 1-	2 ACSR 6/1	0	0	554	253	18	1	1	0.00	2.90	0
37750020+	37750019	14.84	2 1-	2 ACSR 6/1	0	0	553	253	17	1	1	0.00	2.90	0
37750021+	37750020	14.86	1 1-	2 ACSR 6/1	0	0	552	253	4	0	0	0.00	2.90	0
37760097+	37760007	14.16	1 1-	2 ACSR 6/1	0	0	583	259	6	0	0	0.00	2.75	0
37760052+	37760061	13.92	7 1-	2 ACSR 6/1	0	0	594	262	40	2	2	0.00	2.69	0
37760053+	37760052	13.94	4 1-	2 ACSR 6/1	0	0	593	261	20	1	1	0.00	2.69	0
37760055+	37760053	13.97	1 1-	2 ACSR 6/1	0	0	592	261	1	0	0	0.00	2.69	0
37760054+	37760053	13.96	3 1-	2 ACSR 6/1	0	0	592	261	19	1	1	0.00	2.69	0
37760003+	37760086	13.60	1 1-	2 ACSR 6/1	0	0	610	265	4	0	0	0.00	2.57	0
37760081+	37760074	13.22	3 1-	2 ACSR 6/1	0	0	629	269	16	1	1	0.00	-0.51	0
37770012+	37670022	12.33	2 1-	2 ACSR 6/1	0	0	672	275	23	1	1	0.00	2.03	0
37670024+	37770012	12.36	1 1-	2 ACSR 6/1	0	0	670	275	8	0	0	0.00	2.03	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37670023+	37770012	12.38	1 1-	2 ACSR 6/1	0	0	669	275	15	1	1	0.00	2.03	0
37670027+	37670026	12.02	5 1-	2 ACSR 6/1	0	0	688	278	17	1	1	0.00	2.51	0
37670037+	37670027	12.09	4 1-	2 ACSR 6/1	0	0	684	277	10	0	0	0.00	2.51	0
37670025+	37670031	11.78	1 1-	2 ACSR 6/1	0	0	701	280	10	0	0	0.00	-0.37	0
37680131+	37680130	11.61	10 1-	2 ACSR 6/1	0	0	711	281	74	5	3	0.00	1.77	0
D37-68-P004+	37680131	11.61	7 1-	FUS	0	0	711	281	54	3	84	0.00	1.77	0
37680177+	D37-68-P004	11.71	7 1-	2 ACSR 6/1	0	0	704	280	54	3	2	0.01	1.78	0
37680144+	37680177	11.76	6 1-	2 ACSR 6/1	0	0	701	280	46	3	2	0.00	1.78	0
37680145+	37680144	11.81	4 1-	2 ACSR 6/1	0	0	698	279	30	2	1	0.00	1.78	0
37680146+	37680145	11.85	3 1-	2 ACSR 6/1	0	0	695	279	23	1	1	0.00	1.78	0
37680147+	37680146	11.89	1 1-	2 ACSR 6/1	0	0	692	278	10	0	0	0.00	1.78	0
37680148+	37680147	11.94	1 1-	2 ACSR 6/1	0	0	689	278	10	0	0	0.00	1.78	0
37680120+	37680119	11.43	9 1-	2 ACSR 6/1	0	0	721	283	28	1	1	0.00	1.69	0
37680121+	37680120	11.46	5 1-	2 ACSR 6/1	0	0	719	282	14	0	1	0.00	1.69	0
37680036+	37680119	11.41	6 3-	1/0 ACSR 6/1	983	899	722	283	104	2	1	0.00	1.20	0
37680164+	37680036	11.43	4 3-	1/0 ACSR 6/1	981	898	721	283	95	2	1	0.00	1.20	0
37680163+	37680164	11.59	2 3-	1/0 ACSR 6/1	970	887	712	282	83	1	1	0.00	1.20	0
37680122+	37680163	11.61	1 3-	1/0 ACSR 6/1	968	886	711	281	77	1	1	0.00	1.20	0
37680123+	37680122	11.62	1 3-	1/0 ACSR 6/1	967	885	710	281	77	1	1	0.00	1.20	0
37680162+	37680164	11.46	1 1-	2 ACSR 6/1	0	0	719	282	5	0	0	0.00	1.69	0
37680153+	37680162	11.53	0 1-	2 ACSR 6/1	0	0	715	282	0	0	0	0.00	1.69	0
37680152+	37680153	11.58	0 1-	2 ACSR 6/1	0	0	711	281	0	0	0	0.00	1.69	0
37680157+	37680036	11.53	2 1-	2 ACSR 6/1	0	0	715	282	10	0	0	0.00	2.24	0
37680158+	37680157	11.59	1 1-	2 ACSR 6/1	0	0	710	281	7	0	0	0.00	2.24	0
37680168+	37680167	10.97	8 1-	2 ACSR 6/1	0	0	749	287	69	4	3	0.00	2.03	0
37680169+	37680168	10.99	7 1-	2 ACSR 6/1	0	0	748	286	67	4	3	0.00	2.03	0
37680159+	37680169	11.16	6 1-	2 ACSR 6/1	0	0	735	284	58	4	2	0.01	2.04	0
37680160+	37680159	11.26	4 1-	2 ACSR 6/1	0	0	728	283	45	3	2	0.01	2.04	0
37680161+	37680160	11.28	3 1-	2 ACSR 6/1	0	0	726	283	45	3	2	0.00	2.04	0
37680170+	37680161	11.32	3 1-	2 ACSR 6/1	0	0	724	283	45	3	2	0.00	2.05	0
37680141+	37680140	10.75	5 1-	2 ACSR 6/1	0	0	763	288	104	7	4	0.00	1.89	0
37680142+	37680141	10.80	3 1-	2 ACSR 6/1	0	0	759	288	95	6	4	0.01	1.90	0
37680143+	37680142	10.82	2 1-	2 ACSR 6/1	0	0	757	288	87	6	3	0.00	1.90	0
37680134+	37680143	10.91	0 1-	25 KV 1/0 URD X	0	0	753	509	0	0	0	0.00	1.90	0
37680034+	37690032	10.47	2 1-	2 ACSR 6/1	0	0	782	291	7	0	0	0.00	1.71	0
37680136+	37680034	10.50	0 1-	2 ACSR 6/1	0	0	779	291	0	0	0	0.00	1.71	0
37680107+	37680034	10.52	1 1-	2 ACSR 6/1	0	0	778	290	7	0	0	0.00	1.71	0
37690039+	37690098	10.29	0 3-	4/0 ACSR 6/1	1073	989	794	292	0	0	0	0.00	0.83	0
37-69-P003-A+	37690039	10.29	0 1-	Open	0	0	794	292	0	0	0	0.00	-0.26	0
37690029+	37690031	10.21	1 3-	1/0 ACSR 6/1	1079	994	799	293	4	0	0	0.00	0.81	0
37690153+	37690029	10.22	0 3-	1/0 ACSR 6/1	1078	993	798	293	0	0	0	0.00	0.81	0
37-69-P006-B+	37690153	10.22	0 3-	Open	1078	993	798	293	0	0	0	0.00	0.81	0
37690149+	37690148	10.01	1 1-	2 ACSR 6/1	0	0	811	294	8	0	0	0.00	-0.22	0
37690147+	37690028	9.94	2 1-	2 ACSR 6/1	0	0	814	294	17	1	1	0.00	-0.21	0
37690027+	37690135	9.82	0 1-	2 ACSR 6/1	0	0	823	295	0	0	0	0.00	1.05	0
37690114+	37590047	9.77	10 1-	2 ACSR 6/1	0	0	826	296	92	6	3	0.00	1.33	0
37690138+	37690114	9.81	9 1-	2 ACSR 6/1	0	0	822	295	79	5	3	0.00	1.34	0
37690137+	37690138	9.85	1 1-	2 ACSR 6/1	0	0	819	295	9	0	0	0.00	1.34	0
37690143+	37690137	9.91	0 1-	2 ACSR 6/1	0	0	814	294	0	0	0	0.00	1.34	0
37690136+	37690138	9.86	7 1-	2 ACSR 6/1	0	0	818	294	62	4	2	0.00	1.34	0
37690144+	37690136	9.89	6 1-	2 ACSR 6/1	0	0	815	294	54	3	2	0.00	1.34	0
37690145+	37690144	9.94	4 1-	2 ACSR 6/1	0	0	811	293	40	2	2	0.00	1.34	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
37690146+	37690145	9.98	3 1-	2 ACSR 6/1	0	0	808	293	29	1	1	0.00	1.34	0
37590049+	37590052	9.69	4 1-	2 ACSR 6/1	0	0	831	296	17	1	1	0.00	1.28	0
37590013+	37590012	9.38	22 1-	2 ACSR 6/1	0	0	852	298	122	8	5	0.01	0.94	0
D37-59-P023+	37590013	9.38	22 1-	REC-35-E	0	0	852	298	122	8	23	0.00	0.94	0
37590014+	D37-59-P023	9.46	22 1-	2 ACSR 6/1	0	0	845	297	122	8	5	0.01	0.95	0
37590066+	37590014	9.49	19 1-	2 ACSR 6/1	0	0	842	296	105	7	4	0.00	0.95	0
37590067+	37590066	9.54	16 1-	2 ACSR 6/1	0	0	837	296	90	6	3	0.00	0.96	0
37590071+	37590067	9.58	11 1-	2 ACSR 6/1	0	0	834	295	47	3	2	0.00	0.96	0
37590046+	37590071	9.61	10 1-	2 ACSR 6/1	0	0	831	295	37	2	1	0.00	0.96	0
38520072+	37590046	9.66	6 1-	2 ACSR 6/1	0	0	826	294	18	1	1	0.00	0.96	0
38520107+	38520072	9.69	3 1-	2 ACSR 6/1	0	0	823	294	10	0	0	0.00	0.96	0
38520104+	38520107	9.72	2 1-	2 ACSR 6/1	0	0	821	294	4	0	0	0.00	0.96	0
37590068+	37590067	9.57	4 1-	2 ACSR 6/1	0	0	834	295	29	1	1	0.00	0.96	0
37590069+	37590068	9.59	2 1-	2 ACSR 6/1	0	0	832	295	16	1	1	0.00	0.96	0
37590070+	37590069	9.65	1 1-	2 ACSR 6/1	0	0	827	294	9	0	0	0.00	0.96	0
37590010+	37590068	9.64	2 1-	2 ACSR 6/1	0	0	828	295	13	0	0	0.00	0.96	0
38520106+	37590010	9.70	1 1-	2 ACSR 6/1	0	0	822	294	7	0	0	0.00	0.96	0
38520105+	37590010	9.66	1 1-	2 ACSR 6/1	0	0	826	294	5	0	0	0.00	0.96	0
37590065+	37590066	9.53	1 1-	2 ACSR 6/1	0	0	838	296	6	0	0	0.00	0.95	0
37590063+	37590014	9.48	2 1-	2 ACSR 6/1	0	0	842	297	11	0	0	0.00	0.95	0
37590064+	37590063	9.53	1 1-	2 ACSR 6/1	0	0	838	296	4	0	0	0.00	0.95	0
37590045+	38520017	9.15	1 1-	2 ACSR 6/1	0	0	867	299	10	0	0	0.00	0.85	0
38520071+	38620003	9.04	1 1-	2 ACSR 6/1	0	0	876	300	12	0	0	0.00	0.82	0
38620004+	38520022	9.19	0 1-	2 ACSR 6/1	0	0	859	297	0	0	0	0.00	-0.13	0
38520019+	38520018	8.61	2 3-	4/0 ACSR 6/1	1204	1116	910	303	14	0	0	0.00	0.36	0
38520108+	38520019	8.68	1 3-	4/0 ACSR 6/1	1198	1110	904	303	4	0	0	0.00	0.36	0
38520076+	38520019	8.67	1 1-	2 ACSR 6/1	0	0	904	302	10	0	0	0.00	0.64	0
38520077+	38520087	8.28	9 1-	2 ACSR 6/1	0	0	935	305	48	3	2	0.00	0.50	0
38520078+	38520077	8.35	8 1-	2 ACSR 6/1	0	0	927	304	42	2	2	0.00	0.51	0
38520090+	38520078	8.45	2 1-	2 ACSR 6/1	0	0	916	303	11	0	0	0.00	0.51	0
38520079+	38520078	8.40	4 1-	2 ACSR 6/1	0	0	922	303	25	1	1	0.00	0.51	0
38520086+	38520095	8.19	1 1-	2 ACSR 6/1	0	0	942	305	8	0	0	0.00	0.53	0
38530034+	38530036	7.15	0 1-	2 ACSR 6/1	0	0	1040	312	0	0	0	0.00	0.03	0
20851245+	20851126	6.78	2 1-	2 ACSR 6/1	0	0	1079	315	6	0	0	0.00	0.02	0
20851246+	20851245	6.83	1 1-	2 ACSR 6/1	0	0	1071	314	4	0	0	0.00	0.02	0
38430025+	38430024	6.29	1 1-	2 ACSR 6/1	0	0	1136	318	8	0	0	0.00	2.94	0
38430011+	38430010	6.23	1 1-	2 ACSR 6/1	0	0	1143	318	10	0	0	0.00	0.07	0
38450058+	38450057	4.08	0 1-	2 ACSR 6/1	0	0	1437	330	0	0	0	0.00	1.71	0
38360072+	38360074	3.29	3 1-	2 ACSR 6/1	0	0	1573	334	15	0	1	0.00	1.83	0
38360071+	38360074	3.42	0 1-	2 ACSR 6/1	0	0	1536	332	0	0	0	0.00	1.52	0
20850930+	38360030	2.52	36 1-	2 ACSR 6/1	0	0	1760	339	209	14	8	0.01	0.34	1
D38-36-P039+	20850930	2.52	35 1-	REC-50-E	0	0	1760	339	204	13	27	0.00	0.34	0
20850981+	D38-36-P039	2.57	35 1-	2 ACSR 6/1	0	0	1741	338	204	13	8	0.01	0.35	2
20850983+	20850981	2.66	32 1-	2 ACSR 6/1	0	0	1709	336	186	12	7	0.02	0.37	2
20851042+	20850983	2.75	5 1-	2 ACSR 6/1	0	0	1676	335	40	2	1	0.00	0.37	0
20850964+	20851042	2.84	1 1-	2 ACSR 6/1	0	0	1647	334	12	0	0	0.00	0.37	0
20851056+	20850964	2.96	1 1-	2 ACSR 6/1	0	0	1608	332	12	0	0	0.00	0.37	0
20851041+	20850983	2.70	1 1-	2 ACSR 6/1	0	0	1696	336	7	0	0	0.00	0.37	0
20851040+	20850983	2.68	26 1-	2 ACSR 6/1	0	0	1700	336	139	9	5	0.00	0.37	0
38360060+	20851040	2.72	24 1-	2 ACSR 6/1	0	0	1668	335	123	8	5	0.00	0.38	0
38360057+	38360060	2.78	23 1-	2 ACSR 6/1	0	0	1699	335	114	7	4	0.01	0.38	0
38370040+	38360057	2.79	21 1-	2 ACSR 6/1	0	0	1663	334	104	6	4	0.00	0.39	0

LINE SECT	PRIOR SECT	MILES CONS	PHS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
SUB 641 OVENFORK(641)		949			2236	2299	2522	350	8611					
SUB 641, CKT 1														
BK641-01+	OVENFORK(641)	0.00	542 3-	BK64101	2236	2299	2522	350	3825	84 50	0.00	0.00	0.00	0
34690029+	BK641-01	0.04	542 3-	1/0 ACSR 6/1	2224	2285	2500	350	3825	84 37	0.04	0.02	0.02	86
34690033+	34690029	0.04	0 3-	1/0 ACSR 6/1	2222	2284	2497	350	0	0 0	0.00	0.02	0.02	0
34-69-P072-B+	34690033	0.04	0 3-	Open	2222	2284	2497	350	0	0 0	0.00	0.02	0.02	0
34690031+	34690029	0.11	542 3-	1/0 ACSR 6/1	2198	2256	2453	349	3824	84 37	0.09	0.07	0.07	185
D34-69-P049+	34690031	0.11	8 1-	REC-50-E	0	0	2453	349	58	3 8	0.00	0.01	0.01	0
34690099+	D34-69-P049	0.19	8 1-	2 ACSR 6/1	0	0	2401	348	58	3 2	0.00	0.02	0.02	0
34690072+	34690099	0.22	8 1-	2 ACSR 6/1	0	0	2384	347	58	3 2	0.00	0.02	0.02	0
34690071+	34690072	0.27	1 1-	2 ACSR 6/1	0	0	2352	347	14	0 1	0.00	0.02	0.02	0
34690070+	34690072	0.31	7 1-	2 ACSR 6/1	0	0	2324	346	44	2 2	0.00	0.02	0.02	0
34690098+	34690070	0.37	0 1-	2 ACSR 6/1	0	0	2288	345	0	0 0	0.00	0.02	0.02	0
34690097+	34690070	0.39	5 1-	2 ACSR 6/1	0	0	2273	345	39	2 1	0.00	0.03	0.03	0
34690096+	34690097	0.48	4 1-	2 ACSR 6/1	0	0	2221	343	39	2 1	0.00	0.03	0.03	0
34690073+	34690096	0.50	3 1-	2 ACSR 6/1	0	0	2209	343	29	1 1	0.00	0.03	0.03	0
34690078+	34690073	0.54	2 1-	2 ACSR 6/1	0	0	2185	342	21	1 1	0.00	0.03	0.03	0
34690077+	34690078	0.59	1 1-	2 ACSR 6/1	0	0	2160	342	10	0 0	0.00	0.03	0.03	0
34690100+	34690031	0.46	534 3-	1/0 ACSR 6/1	2087	2127	2258	345	3764	83 36	0.40	0.30	0.30	821
34690091+	34690100	0.86	534 3-	1/0 ACSR 6/1	1968	1986	2062	341	3757	83 36	0.46	0.56	0.56	954
34690092+	34690091	0.88	10 1-	2 ACSR 6/1	0	0	2050	341	51	3 2	0.00	0.07	0.07	0
D34-69-P019+	34690092	0.88	9 1-	FUS	0	0	2050	341	40	2 61	0.00	0.07	0.07	0
34690105+	D34-69-P019	0.92	9 1-	2 ACSR 6/1	0	0	2034	340	40	2 1	0.00	0.07	0.07	0
34690079+	34690105	0.98	4 1-	2 ACSR 6/1	0	0	2001	339	16	1 1	0.00	0.07	0.07	0
34690080+	34690079	1.04	1 1-	2 ACSR 6/1	0	0	1973	338	9	0 0	0.00	0.08	0.08	0
34690081+	34690079	1.03	1 1-	2 ACSR 6/1	0	0	1978	339	2	0 0	0.00	0.07	0.07	0
34690082+	34690105	0.98	5 1-	2 ACSR 6/1	0	0	2004	339	24	1 1	0.00	0.08	0.08	0
34690083+	34690082	1.01	4 1-	2 ACSR 6/1	0	0	1988	339	21	1 1	0.00	0.08	0.08	0
34690086+	34690083	1.06	2 1-	2 ACSR 6/1	0	0	1963	338	14	0 1	0.00	0.08	0.08	0
34690087+	34690086	1.13	1 1-	2 ACSR 6/1	0	0	1930	337	13	0 0	0.00	0.08	0.08	0
34690085+	34690083	1.04	2 1-	2 ACSR 6/1	0	0	1971	338	7	0 0	0.00	0.08	0.08	0
34690090+	34690091	0.93	523 3-	1/0 ACSR 6/1	1948	1962	2029	340	3697	82 36	0.08	0.60	0.60	170
34690084+	34690090	1.04	519 3-	1/0 ACSR 6/1	1918	1927	1982	339	3655	81 35	0.12	0.67	0.67	252
34690088+	34690084	1.07	1 1-	2 ACSR 6/1	0	0	1969	339	13	0 0	0.00	1.20	1.20	0
34690028+	34690084	1.17	518 3-	1/0 ACSR 6/1	1885	1888	1932	338	3640	81 35	0.14	0.75	0.75	282
34690089+	34690028	1.23	2 1-	2 ACSR 6/1	0	0	1902	337	10	0 0	0.00	0.82	0.82	0
34690074+	34690089	1.27	0 1-	2 ACSR 6/1	0	0	1885	336	0	0 0	0.00	0.82	0.82	0
34690102+	34690028	1.23	516 3-	1/0 ACSR 6/1	1868	1869	1907	337	3627	81 35	0.07	0.79	0.79	144
34690103+	34690102	1.34	514 3-	1/0 ACSR 6/1	1841	1837	1866	336	3609	80 35	0.12	0.85	0.85	241
34790021+	34690103	1.41	1 1-	2 ACSR 6/1	0	0	1833	335	0	0 0	0.00	0.94	0.94	0
34790013+	34690103	1.41	511 3-	1/0 ACSR 6/1	1823	1815	1839	336	3601	80 35	0.08	0.90	0.90	163
34790014+	34790013	1.55	511 3-	1/0 ACSR 6/1	1789	1776	1789	334	3600	80 35	0.15	0.98	0.98	309
34790018+	34790014	1.58	3 1-	2 ACSR 6/1	0	0	1775	334	21	1 1	0.00	0.10	0.10	0
34790019+	34790018	1.62	3 1-	2 ACSR 6/1	0	0	1760	333	21	1 1	0.00	0.10	0.10	0
34790015+	34790019	1.66	2 1-	2 ACSR 6/1	0	0	1747	333	21	1 1	0.00	0.10	0.10	0
34790016+	34790015	1.69	1 1-	2 ACSR 6/1	0	0	1734	332	12	0 0	0.00	0.10	0.10	0
34790020+	34790014	1.65	1 1-	2 ACSR 6/1	0	0	1748	333	13	0 0	0.00	1.08	1.08	0
34790003+	34790014	1.87	507 3-	1/0 ACSR 6/1	1714	1689	1682	331	3562	79 35	0.36	1.18	1.18	723
34780035+	34790003	2.07	505 3-	1/0 ACSR 6/1	1671	1640	1623	329	3547	79 35	0.22	1.30	1.30	431
34780041+	34780035	2.11	503 3-	1/0 ACSR 6/1	1663	1630	1611	329	3526	79 34	0.05	1.32	1.32	89
D34-78-P018+	34780041	2.11	5 1-	FUS	0	0	1611	329	44	2 67	0.00	2.39	2.39	0
34780061+	D34-78-P018	2.14	5 1-	2 ACSR 6/1	0	0	1600	328	44	2 2	0.00	2.39	2.39	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34780044+	34780061	2.23	3 1-	2 ACSR 6/1	0	0	1573	327	20	1	1	0.00	2.39	0
34780045+	34780044	2.29	2 1-	2 ACSR 6/1	0	0	1554	326	14	0	1	0.00	2.39	0
34780046+	34780045	2.40	1 1-	2 ACSR 6/1	0	0	1519	324	5	0	0	0.00	2.39	0
34780043+	34780061	2.16	2 1-	2 ACSR 6/1	0	0	1594	328	23	1	1	0.00	2.39	0
34780042+	34780041	2.30	495 3-	1/0 ACSR 6/1	1622	1585	1557	327	3463	77	34	0.21	1.44	406
CAP178+	34780042	2.30	495 3-	Capacitor	0	0	0	0	3459	77	0	0.00	1.44	0
D34-78-P054+	CAP178	2.30	7 1-	REC-50-E	0	0	1557	327	56	3	8	0.00	1.60	0
34780004+	D34-78-P054	2.33	7 1-	2 ACSR 6/1	0	0	1549	326	56	3	2	0.00	1.61	0
347800051+	34780004	2.36	6 1-	2 ACSR 6/1	0	0	1540	326	41	2	2	0.00	1.61	0
347800052+	347800051	2.39	5 1-	2 ACSR 6/1	0	0	1529	325	36	2	1	0.00	1.61	0
347800053+	347800052	2.45	4 1-	2 ACSR 6/1	0	0	1512	325	36	2	1	0.00	1.61	0
347800054+	347800053	2.51	0 1-	2 ACSR 6/1	0	0	1496	324	0	0	0	0.00	1.61	0
347800055+	347800053	2.48	3 1-	2 ACSR 6/1	0	0	1503	324	27	1	1	0.00	1.61	0
347800039+	347800055	2.87	2 1-	2 ACSR 6/1	0	0	1395	319	17	1	1	0.00	1.62	0
347800040+	34780039	3.01	1 1-	2 ACSR 6/1	0	0	1360	317	4	0	0	0.00	1.62	0
347800048+	34780004	2.35	1 1-	2 ACSR 6/1	0	0	1542	326	15	1	1	0.00	1.61	0
347800056+	CAP178	2.46	488 3-	1/0 ACSR 6/1	1591	1550	1517	325	3403	76	33	0.18	1.54	320
347800057+	347800056	2.48	487 3-	1/0 ACSR 6/1	1587	1545	1511	325	3391	76	33	0.03	1.55	47
347800059+	347800057	2.74	484 3-	1/0 ACSR 6/1	1538	1490	1447	322	3361	76	33	0.29	1.71	526
347800060+	347800059	2.84	482 3-	1/0 ACSR 6/1	1520	1471	1425	321	3337	75	33	0.11	1.77	197
347800036+	34780060	2.85	482 3-	1/0 ACSR 6/1	1518	1469	1422	321	3335	75	33	0.01	1.78	23
D34-78-P075+	34780036	2.85	482 3-	ER3-RVE-240/140	1518	1469	1422	321	3335	75	63	0.00	1.78	0
347800037+	D34-78-P075	2.94	482 3-	1/0 ACSR 6/1	1502	1451	1403	321	3335	75	33	0.10	1.84	180
347800038+	34780037	3.13	480 3-	1/0 ACSR 6/1	1469	1415	1361	319	3322	75	33	0.22	1.95	386
347800050+	34780038	3.30	477 3-	1/0 ACSR 6/1	1441	1384	1327	317	3298	74	33	0.19	2.06	339
34-88-P024-B+	34780050	3.30	477 3-	Closed	1441	1384	1327	317	3295	74	0	0.00	2.06	0
34-88-P024-A+	34-88-P024-B	3.30	477 3-	Closed	1441	1384	1327	317	3295	74	0	0.00	2.06	0
348800007+	34-88-P024-A	3.31	477 3-	1/0 ACSR 6/1	1440	1383	1326	317	3295	74	33	0.01	2.06	16
348800066+	34880007	3.37	428 3-	1/0 ACSR 6/1	1430	1371	1313	316	3295	68	30	0.06	2.10	98
34870137+	34880006	3.57	425 3-	1/0 ACSR 6/1	1398	1337	1275	315	2980	67	29	0.19	2.21	306
34870217+	34870137	3.68	5 1-	2 ACSR 6/1	0	0	1251	313	27	1	1	0.00	3.98	0
34870218+	34870137	3.61	419 3-	1/0 ACSR 6/1	1391	1330	1267	314	2950	67	29	0.04	2.23	70
34870138+	34870218	3.75	418 3-	1/0 ACSR 6/1	1371	1308	1243	313	2947	67	29	0.12	2.31	201
34870146+	34870138	3.79	415 3-	1/0 ACSR 6/1	1364	1301	1235	313	2832	64	28	0.04	2.33	65
34870147+	34870146	3.84	414 3-	1/0 ACSR 6/1	1357	1293	1227	312	2831	64	28	0.04	2.36	65
34870148+	34870147	3.90	414 3-	1/0 ACSR 6/1	1349	1285	1218	312	2830	64	28	0.05	2.38	77
D34-87-P081+	34870148	3.90	66 1-	REC-50-E	0	0	1218	312	503	34	69	0.00	4.28	0
34870221+	D34-87-P081	3.93	66 1-	2 ACSR 6/1	0	0	1211	311	503	34	19	0.02	4.30	6
34870175+	34870221	4.02	62 1-	2 ACSR 6/1	0	0	1193	310	491	33	19	0.05	4.35	19
34870160+	34870175	4.09	2 1-	2 ACSR 6/1	0	0	1180	309	16	1	1	0.00	4.35	0
34870178+	34870175	4.10	54 1-	2 ACSR 6/1	0	0	1178	309	433	29	17	0.03	4.38	12
34870181+	34870178	4.18	49 1-	2 ACSR 6/1	0	0	1163	308	381	26	15	0.03	4.41	9
34870167+	34870181	4.28	7 1-	2 ACSR 6/1	0	0	1144	307	71	4	3	0.01	4.42	0
34870168+	34870167	4.32	4 1-	2 ACSR 6/1	0	0	1138	306	46	3	2	0.00	4.42	0
34870170+	34870168	4.39	3 1-	2 ACSR 6/1	0	0	1126	305	37	2	1	0.00	4.42	0
34870169+	34870168	4.38	1 1-	2 ACSR 6/1	0	0	1128	305	9	0	0	0.00	4.42	0
34870173+	34870181	4.23	34 1-	2 ACSR 6/1	0	0	1154	307	246	16	9	0.01	4.42	2
34870185+	34870173	4.40	25 1-	2 ACSR 6/1	0	0	1125	305	186	12	7	0.03	4.45	4
34870186+	34870185	4.44	21 1-	2 ACSR 6/1	0	0	1118	305	161	11	6	0.01	4.46	0
34870187+	34870186	4.47	20 1-	2 ACSR 6/1	0	0	1111	304	148	10	6	0.01	4.46	0
34870206+	34870187	4.55	1 1-	2 ACSR 6/1	0	0	1098	303	10	0	0	0.00	4.46	0
34870188+	34870187	4.50	2 1-	2 ACSR 6/1	0	0	1106	304	10	0	0	0.00	4.46	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34870215+	34870187	4.54	15 1-	2 ACSR 6/1	0	0	1100	303	100	6	4	0.01	4.47	0
34870133+	34870215	4.61	1 1-	2 ACSR 6/1	0	0	1089	303	7	0	0	0.00	4.47	0
34870216+	34870215	4.59	12 1-	2 ACSR 6/1	0	0	1092	303	77	5	3	0.00	4.47	0
34870223+	34870216	4.66	1 1-	2 ACSR 6/1	0	0	1081	302	8	0	0	0.00	4.47	0
34970003+	34870223	4.73	0 1-	2 ACSR 6/1	0	0	1070	301	0	0	0	0.00	4.47	0
34870200+	34870216	4.61	7 1-	2 ACSR 6/1	0	0	1089	303	43	2	2	0.00	4.47	0
34870224+	34870200	4.65	2 1-	2 ACSR 6/1	0	0	1083	302	11	0	0	0.00	4.47	0
34970004+	34870224	4.70	2 1-	2 ACSR 6/1	0	0	1074	301	11	0	0	0.00	4.47	0
34870222+	34870200	4.66	1 1-	2 ACSR 6/1	0	0	1081	302	5	0	0	0.00	4.47	0
34870199+	34870200	4.66	4 1-	2 ACSR 6/1	0	0	1081	302	28	1	1	0.00	4.47	0
34870184+	34870173	4.28	4 1-	2 ACSR 6/1	0	0	1146	307	26	1	1	0.00	4.42	0
34870171+	34870184	4.33	2 1-	2 ACSR 6/1	0	0	1136	306	9	0	0	0.00	4.42	0
34870172+	34870171	4.37	2 1-	2 ACSR 6/1	0	0	1129	306	9	0	0	0.00	4.42	0
34870182+	34870181	4.31	6 1-	2 ACSR 6/1	0	0	1140	306	36	2	1	0.00	4.41	0
34870194+	34870182	4.40	5 1-	2 ACSR 6/1	0	0	1124	305	25	1	1	0.00	4.42	0
34870195+	34870194	4.42	4 1-	2 ACSR 6/1	0	0	1120	305	25	1	1	0.00	4.42	0
34870196+	34870195	4.47	3 1-	2 ACSR 6/1	0	0	1111	304	16	1	1	0.00	4.42	0
34870203+	34870196	4.53	1 1-	2 ACSR 6/1	0	0	1102	304	8	0	0	0.00	4.42	0
34870031+	34870196	4.51	2 1-	2 ACSR 6/1	0	0	1105	304	8	0	0	0.00	4.42	0
34870205+	34870031	4.58	0 1-	2 ACSR 6/1	0	0	1094	303	0	0	0	0.00	4.42	0
34870204+	34870031	4.63	2 1-	2 ACSR 6/1	0	0	1086	302	8	0	0	0.00	4.42	0
34870193+	34870182	4.37	0 1-	2 ACSR 6/1	0	0	1129	306	0	0	0	0.00	4.41	0
34870161+	34870182	4.37	1 1-	2 ACSR 6/1	0	0	1128	306	10	0	0	0.00	4.41	0
34870179+	34870178	4.13	3 1-	2 ACSR 6/1	0	0	1172	309	35	2	1	0.00	4.38	0
34870180+	34870179	4.16	2 1-	2 ACSR 6/1	0	0	1167	308	22	1	1	0.00	4.38	0
34870176+	34870175	4.10	5 1-	2 ACSR 6/1	0	0	1177	309	34	2	1	0.00	4.35	0
34870177+	34870176	4.13	4 1-	2 ACSR 6/1	0	0	1173	309	26	1	1	0.00	4.35	0
34870189+	34870177	4.20	1 1-	2 ACSR 6/1	0	0	1159	308	8	0	0	0.00	4.35	0
34870149+	34870148	3.94	348 3-	1/0 ACSR 6/1	1342	1277	1210	311	2326	52	23	0.03	2.41	40
34870150+	34870149	4.06	347 3-	1/0 ACSR 6/1	1325	1259	1190	310	2309	52	23	0.06	2.46	98
34870151+	34870150	4.17	346 3-	1/0 ACSR 6/1	1311	1244	1174	309	2296	52	23	0.05	2.50	83
34870152+	34870151	4.39	345 3-	1/0 ACSR 6/1	1281	1212	1139	307	2287	52	23	0.12	2.59	181
34870153+	34870152	4.47	343 3-	1/0 ACSR 6/1	1270	1201	1127	306	2267	51	22	0.05	2.63	67
D34-87-P171+	34870153	4.47	28 1-	REC-50-E	0	0	1127	306	192	13	26	0.00	4.60	0
34870032+	D34-87-P171	4.50	28 1-	2 ACSR 6/1	0	0	1123	306	192	13	7	0.00	4.60	0
34870154+	34870032	4.60	1 1-	2 ACSR 6/1	0	0	1105	305	7	0	0	0.00	4.60	0
34870141+	34870154	4.67	0 1-	2 ACSR 6/1	0	0	1095	304	0	0	0	0.00	4.60	0
34870143+	34870032	4.59	27 1-	2 ACSR 6/1	0	0	1108	305	185	12	7	0.02	4.62	2
34870207+	34870143	4.66	14 1-	2 ACSR 6/1	0	0	1096	304	88	6	3	0.01	4.62	0
34870208+	34870207	4.72	11 1-	2 ACSR 6/1	0	0	1087	303	67	4	3	0.00	4.63	0
34870201+	34870208	4.82	10 1-	2 ACSR 6/1	0	0	1071	302	60	4	2	0.01	4.63	0
34870202+	34870201	4.97	7 1-	2 ACSR 6/1	0	0	1047	300	48	3	2	0.01	4.64	0
34870210+	34870202	5.03	4 1-	2 ACSR 6/1	0	0	1039	300	21	1	1	0.00	4.64	0
34870211+	34870210	5.09	2 1-	2 ACSR 6/1	0	0	1029	299	16	1	1	0.00	4.64	0
34870213+	34870211	5.19	0 1-	2 ACSR 6/1	0	0	1015	298	0	0	0	0.00	4.64	0
34870212+	34870211	5.12	2 1-	2 ACSR 6/1	0	0	1025	298	16	1	1	0.00	4.64	0
34870197+	34870202	5.02	3 1-	2 ACSR 6/1	0	0	1039	300	27	1	1	0.00	4.64	0
34870198+	34870197	5.11	1 1-	2 ACSR 6/1	0	0	1027	299	7	0	0	0.00	4.64	0
34870209+	34870198	5.15	1 1-	2 ACSR 6/1	0	0	1021	298	7	0	0	0.00	4.64	0
34870157+	34870143	4.64	11 1-	2 ACSR 6/1	0	0	1099	304	76	5	3	0.00	4.62	0
34870158+	34870157	4.67	10 1-	2 ACSR 6/1	0	0	1095	304	67	4	3	0.00	4.62	0
34870159+	34870158	4.71	9 1-	2 ACSR 6/1	0	0	1088	303	55	3	2	0.00	4.63	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34870155+	34870159	4.76	6 1-	2 ACSR 6/1	0	0	1080	303	38	2	1	0.00	4.63	0
34870156+	34870155	4.78	4 1-	2 ACSR 6/1	0	0	1076	303	26	1	1	0.00	4.63	0
34870219+	34870156	4.82	2 1-	2 ACSR 6/1	0	0	1070	302	18	1	1	0.00	4.63	0
34870220+	34870219	4.86	1 1-	2 ACSR 6/1	0	0	1064	302	9	0	0	0.00	4.63	0
34870214+	34870155	4.82	1 1-	2 ACSR 6/1	0	0	1070	302	8	0	0	0.00	4.63	0
34870142+	34870143	4.62	1 1-	2 ACSR 6/1	0	0	1102	304	8	0	0	0.00	4.62	0
34870033+	34870153	4.67	315 3-	1/0 ACSR 6/1	1245	1175	1100	305	2074	47	21	0.08	2.70	127
34870128+	34870033	4.83	313 3-	1/0 ACSR 6/1	1226	1155	1078	303	2065	47	21	0.07	2.76	104
C34-86-P49+	34870128	4.83	0 3-	Capacitor	1226	1155	1078	303	0	-3	0	0.00	2.76	0
34860024+	34870128	4.95	313 3-	1/0 ACSR 6/1	1210	1139	1061	302	2064	47	21	0.06	2.81	85
D34-96-P047+	34860024	4.95	13 1-	REC-50-E	0	0	1061	302	57	3	8	0.00	4.80	0
34960008+	D34-96-P047	5.03	13 1-	2 ACSR 6/1	0	0	1049	301	57	3	2	0.00	4.80	0
34960011+	34960008	5.07	3 1-	2 ACSR 6/1	0	0	1044	301	5	0	0	0.00	4.80	0
34960064+	34960008	5.22	10 1-	2 ACSR 6/1	0	0	1021	299	51	3	2	0.01	4.81	0
34860030+	34960064	5.27	8 1-	2 ACSR 6/1	0	0	1015	298	43	2	2	0.00	4.81	0
34860032+	34860030	5.35	1 1-	2 ACSR 6/1	0	0	1004	297	4	0	0	0.00	4.81	0
34860031+	34860030	5.32	3 1-	2 ACSR 6/1	0	0	1007	298	24	1	1	0.00	4.81	0
34860033+	34860031	5.37	2 1-	2 ACSR 6/1	0	0	1001	297	14	0	1	0.00	4.82	0
34860042+	34860033	5.43	2 1-	2 ACSR 6/1	0	0	992	296	14	0	1	0.00	4.82	0
34860039+	34860031	5.38	1 1-	2 ACSR 6/1	0	0	999	297	10	0	0	0.00	4.82	0
34960010+	34860024	5.06	300 3-	1/0 ACSR 6/1	1198	1126	1048	301	2006	46	20	0.04	2.85	67
34960096+	34960010	5.08	31 1-	2 ACSR 6/1	0	0	1044	301	220	15	8	0.01	3.17	0
34960088+	34960096	5.14	2 1-	2 ACSR 6/1	0	0	1036	300	9	0	0	0.00	3.17	0
34960087+	34960096	5.12	1 1-	2 ACSR 6/1	0	0	1039	300	0	0	0	0.00	3.17	0
34960097+	34960096	5.15	28 1-	2 ACSR 6/1	0	0	1035	300	211	14	8	0.01	3.18	2
D34-96-P055+	34960097	5.15	1 1-	REC-50-E	0	0	1035	300	1	0	0	0.00	3.18	0
34960069+	D34-96-P055	5.21	1 1-	2 ACSR 6/1	0	0	1025	299	1	0	0	0.00	3.18	0
34960089+	34960097	5.20	26 1-	2 ACSR 6/1	0	0	1027	299	195	13	7	0.01	3.19	2
34960093+	34960089	5.24	21 1-	2 ACSR 6/1	0	0	1021	299	170	11	6	0.01	3.20	0
34960094+	34960093	5.38	19 1-	2 ACSR 6/1	0	0	1002	297	149	10	6	0.02	3.22	2
34960063+	34960094	5.55	17 1-	2 ACSR 6/1	0	0	979	295	142	9	5	0.02	3.24	3
39060050+	34960063	5.59	2 1-	2 ACSR 6/1	0	0	973	295	20	1	1	0.00	3.24	0
39060051+	39060050	5.64	1 1-	2 ACSR 6/1	0	0	967	294	10	0	0	0.00	3.24	0
39060049+	34960063	5.62	14 1-	2 ACSR 6/1	0	0	970	295	109	7	4	0.01	3.25	0
39060052+	39060049	5.66	1 1-	2 ACSR 6/1	0	0	964	294	12	0	0	0.00	3.25	0
39060048+	39060049	5.65	12 1-	2 ACSR 6/1	0	0	965	294	92	6	3	0.00	3.25	0
39060047+	39060048	5.70	10 1-	2 ACSR 6/1	0	0	959	294	80	5	3	0.00	3.26	0
39060045+	39060047	5.75	9 1-	2 ACSR 6/1	0	0	953	293	69	4	3	0.00	3.26	0
39060046+	39060045	5.79	8 1-	2 ACSR 6/1	0	0	947	292	60	4	2	0.00	3.26	0
39060053+	39060046	5.84	7 1-	2 ACSR 6/1	0	0	942	292	50	3	2	0.00	3.26	0
39060054+	39060053	5.91	6 1-	2 ACSR 6/1	0	0	934	291	44	3	2	0.00	3.27	0
39060055+	39060054	5.93	5 1-	2 ACSR 6/1	0	0	931	291	41	2	2	0.00	3.27	0
39060057+	39060055	6.00	1 1-	2 ACSR 6/1	0	0	923	290	15	1	1	0.00	3.27	0
39060056+	39060055	5.96	4 1-	2 ACSR 6/1	0	0	927	291	26	1	1	0.00	3.27	0
39060043+	39060056	6.03	3 1-	2 ACSR 6/1	0	0	919	290	19	1	1	0.00	3.27	0
39160002+	39060043	6.44	2 1-	2 ACSR 6/1	0	0	873	285	11	0	0	0.00	3.27	0
39170002+	39160002	6.54	1 1-	2 ACSR 6/1	0	0	862	284	4	0	0	0.00	3.27	0
39060044+	39060046	5.83	1 1-	2 ACSR 6/1	0	0	942	292	11	0	0	0.00	3.26	0
34960091+	34960089	5.31	2 1-	2 ACSR 6/1	0	0	1012	298	16	1	1	0.00	3.19	0
34960092+	34960091	5.35	1 1-	2 ACSR 6/1	0	0	1006	298	8	0	0	0.00	3.19	0
34960090+	34960089	5.30	1 1-	2 ACSR 6/1	0	0	1013	298	0	0	0	0.00	3.19	0
34960095+	34960010	5.10	1 1-	2 ACSR 6/1	0	0	1042	301	0	0	0	0.00	3.16	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34960070+	34960010	5.19	266 3-	1/0 ACSR 6/1	1183	1110	1032	300	1776	41 18	0.06	2.90	63	
34960098+	34960070	5.23	1 1-	2 ACSR 6/1	0	0	1026	300	4	0 0	0.00	3.20	0	
34960107+	34960070	5.23	8 1-	2 ACSR 6/1	0	0	1026	300	37	2 1	0.00	3.20	0	
34960103+	34960107	5.29	4 1-	2 ACSR 6/1	0	0	1018	299	8	0 0	0.00	3.20	0	
34960102+	34960107	5.29	2 1-	2 ACSR 6/1	0	0	1018	299	17	1 1	0.00	3.20	0	
34960071+	34960070	5.28	256 3-	1/0 ACSR 6/1	1172	1099	1020	299	1722	39 17	0.05	2.93	44	
34960073+	34960071	5.35	252 3-	1/0 ACSR 6/1	1165	1091	1012	299	1692	39 17	0.03	2.95	31	
34960076+	34960073	5.43	0 1-	2 ACSR 6/1	0	0	1001	298	0	0 0	0.00	3.25	0	
34960075+	34960073	5.42	1 1-	2 ACSR 6/1	0	0	1004	298	7	0 0	0.00	3.25	0	
34960074+	34960073	5.41	248 3-	1/0 ACSR 6/1	1159	1086	1006	298	1671	38 17	0.02	2.97	23	
D34-96-P114+	34960074	5.41	248 3-	ER3-RVE-200/100	1159	1086	1006	298	1671	38 39	0.00	2.97	0	
34960077+	D34-96-P114	5.53	248 3-	1/0 ACSR 6/1	1146	1072	992	297	1671	38 17	0.06	3.01	53	
34960099+	34960077	5.58	1 1-	2 ACSR 6/1	0	0	985	297	12	0 0	0.00	5.06	0	
34960065+	34960077	5.57	3 1-	2 ACSR 6/1	0	0	986	297	13	0 1	0.00	5.06	0	
34960078+	34960077	5.61	1 1-	2 ACSR 6/1	0	0	981	296	5	0 0	0.00	5.06	0	
34960066+	34960077	5.61	242 3-	1/0 ACSR 6/1	1138	1063	983	296	1631	37 16	0.04	3.04	34	
34960067+	34960066	5.68	240 3-	1/0 ACSR 6/1	1130	1055	975	296	1622	37 16	0.03	3.06	31	
34960068+	34960067	5.78	239 3-	1/0 ACSR 6/1	1120	1045	964	295	1617	37 16	0.04	3.09	39	
D34-96-P008+	34960068	5.78	18 1-	REC-50-E	0	0	964	295	137	9 18	0.00	0.75	0	
34960079+	D34-96-P008	5.86	18 1-	2 ACSR 6/1	0	0	954	294	137	9 5	0.01	0.76	1	
34960111+	34960079	6.00	17 1-	2 ACSR 6/1	0	0	936	292	130	8 5	0.02	0.77	2	
34960080+	34960111	6.07	17 1-	2 ACSR 6/1	0	0	929	292	130	8 5	0.01	0.78	0	
34860034+	34960080	6.13	3 1-	2 ACSR 6/1	0	0	922	291	21	1 1	0.00	0.78	0	
34960100+	34860034	6.16	2 1-	2 ACSR 6/1	0	0	917	291	15	1 1	0.00	0.78	0	
34960104+	34960100	6.29	1 1-	2 ACSR 6/1	0	0	902	289	3	0 0	0.00	0.78	0	
34860041+	34960080	6.10	12 1-	2 ACSR 6/1	0	0	925	291	98	6 4	0.00	0.78	0	
34860040+	34860041	6.16	2 1-	2 ACSR 6/1	0	0	917	291	23	1 1	0.00	0.79	0	
34860025+	34860040	6.26	1 1-	2 ACSR 6/1	0	0	906	289	10	0 0	0.00	0.79	0	
34860035+	34860041	6.15	9 1-	2 ACSR 6/1	0	0	919	291	63	4 2	0.00	0.79	0	
34860036+	34860035	6.17	8 1-	2 ACSR 6/1	0	0	916	290	52	3 2	0.00	0.79	0	
34860037+	34860036	6.20	7 1-	2 ACSR 6/1	0	0	913	290	43	2 2	0.00	0.79	0	
34860038+	34860037	6.22	6 1-	2 ACSR 6/1	0	0	910	290	43	2 2	0.00	0.79	0	
34860027+	34860038	6.29	4 1-	2 ACSR 6/1	0	0	902	289	28	1 1	0.00	0.79	0	
34860029+	34860027	6.34	1 1-	2 ACSR 6/1	0	0	897	289	2	0 0	0.00	0.79	0	
34860026+	34860029	6.43	1 1-	2 ACSR 6/1	0	0	887	287	2	0 0	0.00	0.79	0	
34860028+	34860027	6.35	2 1-	2 ACSR 6/1	0	0	895	288	12	0 0	0.00	0.79	0	
34960086+	34960068	6.11	191 3-	1/0 ACSR 6/1	1087	1012	931	292	1246	29 13	0.16	3.17	93	
34960085+	34960086	6.11	178 3-	1/0 ACSR 6/1	1086	1011	930	292	1140	26 12	0.00	3.18	2	
34-96-P003-B+	34960085	6.11	178 3-	Closed	1086	1011	930	292	1140	26 0	0.00	3.18	0	
34-96-P003-A+	34-96-P003-B	6.11	178 3-	Closed	1086	1011	930	292	1140	26 0	0.00	3.18	0	
34960109+	34-96-P003-A	6.13	178 3-	1/0 ACSR 6/1	1085	1010	928	292	1140	26 12	0.01	3.18	5	
34960012+	34960109	6.23	1 1-	2 ACSR 6/1	0	0	917	291	8	0 0	0.00	3.40	0	
34960009+	34960109	6.24	177 3-	1/0 ACSR 6/1	1074	999	917	291	1132	26 12	0.05	3.21	28	
D39-05-P055+	34960009	6.24	18 1-	REC-50-E	0	0	917	291	96	6 13	0.00	5.40	0	
39050081+	D39-05-P055	6.28	18 1-	2 ACSR 6/1	0	0	913	291	96	6 4	0.00	5.41	0	
39050082+	39050081	6.31	17 1-	2 ACSR 6/1	0	0	909	290	93	6 4	0.00	5.41	0	
39050020+	39050082	6.36	1 1-	2 ACSR 6/1	0	0	903	290	4	0 0	0.00	5.41	0	
39050021+	39050082	6.40	15 1-	2 ACSR 6/1	0	0	899	289	78	5 3	0.01	5.42	0	
39050083+	39050021	6.49	1 1-	2 ACSR 6/1	0	0	889	288	6	0 0	0.00	5.42	0	
39050100+	39050021	6.44	12 1-	2 ACSR 6/1	0	0	895	289	52	3 2	0.00	5.42	0	
39050079+	39050100	6.48	11 1-	2 ACSR 6/1	0	0	890	288	41	2 2	0.00	5.42	0	
39050099+	39050079	6.53	10 1-	2 ACSR 6/1	0	0	885	288	41	2 2	0.00	5.42	0	

LINE	PRIOR	MILES	PHS	WIRE	MX 3P	MX LLG	MX LG	MN LG	TOTAL	EQUIV	%	LINE	TOTAL	LINE
SECT	SECT	CONS	CONSTR-N	FAULT	FAULT	FAULT	FAULT	KW	AMPS	CAP	DROP	DROP	LOSS	
39050097+	39050099	6.69	2 1-	2 ACSR 6/1	0	0	868	286	11	0	0	0.00	5.42	0
39050095+	39050099	6.62	8 1-	2 ACSR 6/1	0	0	875	287	30	2	1	0.00	5.42	0
39050096+	39050095	6.71	3 1-	2 ACSR 6/1	0	0	866	286	11	0	0	0.00	5.42	0
39050135+	39050021	6.45	2 1-	2 ACSR 6/1	0	0	893	289	21	1	1	0.00	5.42	0
39060059+	39050135	6.53	1 1-	2 ACSR 6/1	0	0	885	288	9	0	0	0.00	5.42	0
39050080+	34960009	6.33	159 3-	1/0 ACSR 6/1	1066	991	909	290	1036	24	11	0.04	3.23	17
39050103+	39050080	6.40	158 3-	1/0 ACSR 6/1	1060	985	902	290	1035	24	11	0.03	3.24	13
39050106+	39050103	6.45	1 1-	2 ACSR 6/1	0	0	896	289	8	0	0	0.00	5.47	0
39050104+	39050103	6.48	156 3-	1/0 ACSR 6/1	1052	977	894	289	1018	24	11	0.03	3.26	16
D39-05-P051+	39050104	6.48	4 1-	REC-50-E	0	0	894	289	16	1	2	0.00	5.50	0
39050084+	D39-05-P051	6.60	4 1-	2 ACSR 6/1	0	0	881	288	16	1	1	0.00	5.50	0
39050085+	39050084	6.69	1 1-	2 ACSR 6/1	0	0	872	287	5	0	0	0.00	5.50	0
39050102+	39050104	6.55	151 3-	1/0 ACSR 6/1	1046	970	888	289	992	23	10	0.03	3.27	12
39050101+	39050102	6.58	8 1-	2 ACSR 6/1	0	0	885	288	42	2	2	0.00	0.82	0
39050098+	39050101	6.61	6 1-	2 ACSR 6/1	0	0	881	288	25	1	1	0.00	0.82	0
D39-05-P037+	39050098	6.61	5 1-	REC-50-E	0	0	881	288	25	1	3	0.00	0.82	0
39050107+	39050107	6.80	5 1-	2 ACSR 6/1	0	0	861	286	25	1	1	0.00	0.83	0
34950016+	39050107	6.96	0 1-	2 ACSR 6/1	0	0	845	284	0	0	0	0.00	0.83	0
34950004+	39050107	6.86	5 1-	2 ACSR 6/1	0	0	855	285	25	1	1	0.00	0.83	0
34950013+	34950004	6.92	2 1-	2 ACSR 6/1	0	0	849	284	10	0	0	0.00	0.83	0
34950005+	34950004	6.95	3 1-	2 ACSR 6/1	0	0	847	284	15	0	1	0.00	0.83	0
34950014+	34950005	7.03	1 1-	2 ACSR 6/1	0	0	838	283	8	0	0	0.00	0.83	0
34950006+	34950005	7.08	2 1-	2 ACSR 6/1	0	0	834	283	7	0	0	0.00	0.83	0
34950015+	34950006	7.11	2 1-	2 ACSR 6/1	0	0	830	282	7	0	0	0.00	0.83	0
34950012+	34950006	7.13	0 1-	2 ACSR 6/1	0	0	828	282	0	0	0	0.00	0.83	0
39050086+	39050102	6.64	143 3-	1/0 ACSR 6/1	1038	962	880	288	949	22	10	0.03	3.29	15
39050088+	39050086	6.70	139 3-	1/0 ACSR 6/1	1022	957	874	287	930	22	10	0.02	3.30	11
39050090+	39050088	6.82	137 3-	1/0 ACSR 6/1	1022	947	864	286	916	22	10	0.04	3.33	18
39050091+	39050090	6.85	136 3-	1/0 ACSR 6/1	1020	944	862	286	908	21	10	0.01	3.33	4
39050092+	39050091	6.92	135 3-	1/0 ACSR 6/1	1014	938	856	286	902	21	9	0.03	3.35	11
39050093+	39050092	6.98	134 3-	1/0 ACSR 6/1	1009	933	851	285	897	21	9	0.02	3.36	9
39050094+	39050093	7.06	130 3-	1/0 ACSR 6/1	1002	926	844	285	875	21	9	0.03	3.37	13
39150014+	39050094	7.13	4 1-	2 ACSR 6/1	0	0	837	284	34	2	1	0.00	0.85	0
39150016+	39150014	7.26	1 1-	2 ACSR 6/1	0	0	824	282	13	0	0	0.00	0.85	0
39150010+	39050094	7.09	126 3-	1/0 ACSR 6/1	1000	924	841	284	841	20	9	0.01	3.38	4
39150011+	39150010	7.13	124 3-	1/0 ACSR 6/1	996	921	838	284	827	20	9	0.01	3.38	5
39050124+	39150011	7.16	2 1-	2 ACSR 6/1	0	0	836	284	20	1	1	0.00	3.56	0
39050121+	39150011	7.19	122 3-	1/0 ACSR 6/1	992	916	834	284	807	19	9	0.02	3.39	8
39050109+	39050121	7.21	122 3-	1/0 ACSR 6/1	990	914	832	283	807	19	9	0.01	3.40	3
39050136+	39050109	7.24	121 3-	1/0 ACSR 6/1	987	911	829	283	694	16	7	0.01	3.40	3
39050108+	39050136	7.26	121 3-	1/0 ACSR 6/1	986	911	828	283	694	16	7	0.00	3.40	0
39050120+	39050108	7.33	120 3-	1/0 ACSR 6/1	981	905	822	282	631	14	6	0.01	3.41	5
39050117+	39050120	7.36	1 1-	2 ACSR 6/1	0	0	819	282	1	0	0	0.00	5.79	0
39050118+	39050117	7.41	0 1-	2 ACSR 6/1	0	0	815	282	0	0	0	0.00	5.79	0
39050116+	39050118	7.43	0 1-	2 ACSR 6/1	0	0	813	281	0	0	0	0.00	5.79	0
39050018+	39050118	7.55	0 1-	2 ACSR 6/1	0	0	802	280	0	0	0	0.00	5.79	0
39050016+	39050120	7.40	119 3-	1/0 ACSR 6/1	975	899	817	282	630	14	6	0.01	3.42	5
D39-05-P012+	39050016	7.40	13 1-	REC-35-E	0	0	817	282	73	5	14	0.00	5.79	0
39050128+	D39-05-P012	7.42	13 1-	2 ACSR 6/1	0	0	815	282	73	5	3	0.00	5.79	0
39050132+	39050128	7.47	11 1-	2 ACSR 6/1	0	0	811	281	61	4	2	0.00	5.80	0
39050133+	39050132	7.50	8 1-	2 ACSR 6/1	0	0	808	281	47	3	2	0.00	5.80	0
39050134+	39050133	7.53	6 1-	2 ACSR 6/1	0	0	805	280	36	2	1	0.00	5.80	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
39050127+	39050134	7.56	5 1-	2 ACSR 6/1	0	0	802	280	30	2	1	0.00	5.80	0
39050113+	39050127	7.58	5 1-	2 ACSR 6/1	0	0	800	280	30	2	1	0.00	5.80	0
39050137+	39050113	7.62	2 1-	2 ACSR 6/1	0	0	797	279	10	0	0	0.00	5.80	0
39050114+	39050113	7.73	2 1-	2 ACSR 6/1	0	0	787	278	8	0	0	0.00	5.80	0
39050115+	39050114	7.78	1 1-	2 ACSR 6/1	0	0	783	278	4	0	0	0.00	5.80	0
39050129+	39050128	7.45	1 1-	2 ACSR 6/1	0	0	812	281	7	0	0	0.00	5.80	0
39050130+	39050129	7.48	0 1-	2 ACSR 6/1	0	0	809	281	0	0	0	0.00	5.80	0
39050131+	39050130	7.51	0 1-	2 ACSR 6/1	0	0	807	281	0	0	0	0.00	5.80	0
39050019+	39050016	7.54	106 3-	1/0 ACSR 6/1	964	888	806	281	557	12	6	0.01	3.43	7
D39-05-P009+	39050019	7.54	3 1-	FUS	0	0	806	281	22	1	34	0.00	3.62	0
39050105+	D39-05-P009	7.57	3 1-	2 ACSR 6/1	0	0	804	280	22	1	1	0.00	3.62	0
39050122+	39050105	7.67	2 1-	2 ACSR 6/1	0	0	795	279	14	0	1	0.00	3.62	0
39050123+	39050122	7.72	1 1-	2 ACSR 6/1	0	0	790	279	7	0	0	0.00	3.62	0
39050017+	39050105	7.68	1 1-	2 ACSR 6/1	0	0	793	279	8	0	0	0.00	3.62	0
39050110+	39050017	7.74	1 1-	2 ACSR 6/1	0	0	788	279	8	0	0	0.00	3.62	0
39050126+	39050019	7.62	101 3-	1/0 ACSR 6/1	958	883	800	280	513	11	5	0.00	3.44	3
39050119+	39050126	7.66	100 3-	1/0 ACSR 6/1	955	879	797	280	502	11	5	0.00	3.45	2
39050125+	39050119	7.72	99 3-	1/0 ACSR 6/1	951	875	793	279	490	11	5	0.00	3.45	2
39150013+	39050125	7.80	97 3-	1/0 ACSR 6/1	945	869	787	279	485	11	5	0.00	3.46	3
D39-15-P071+	39150013	7.80	17 1-	REC-50-E	0	0	787	279	141	9	19	0.00	3.66	0
39150017+	D39-15-P071	7.85	17 1-	2 ACSR 6/1	0	0	783	278	141	9	5	0.01	3.66	0
39150002+	39150017	7.89	17 1-	2 ACSR 6/1	0	0	779	278	141	9	5	0.01	3.67	0
39040007+	39150002	7.93	12 1-	2 ACSR 6/1	0	0	775	277	109	7	4	0.00	3.67	0
391400057+	39040007	8.00	11 1-	2 ACSR 6/1	0	0	770	277	101	6	4	0.01	3.68	0
391400058+	391400057	8.05	2 1-	2 ACSR 6/1	0	0	766	276	17	1	1	0.00	3.68	0
391400059+	391400057	8.08	9 1-	2 ACSR 6/1	0	0	763	276	84	5	3	0.01	3.69	0
391400060+	391400059	8.14	8 1-	2 ACSR 6/1	0	0	758	275	73	4	3	0.00	3.69	0
391400049+	391400060	8.26	6 1-	2 ACSR 6/1	0	0	749	274	52	3	2	0.01	3.70	0
391400052+	391400049	8.37	3 1-	2 ACSR 6/1	0	0	740	273	21	1	1	0.00	3.70	0
39140010+	39140049	8.31	2 1-	2 ACSR 6/1	0	0	745	273	20	1	1	0.00	3.70	0
39040006+	39140010	8.37	1 1-	2 ACSR 6/1	0	0	740	273	11	0	0	0.00	3.70	0
39040005+	39140010	8.42	1 1-	2 ACSR 6/1	0	0	736	272	9	0	0	0.00	3.70	0
391400051+	391400060	8.22	1 1-	2 ACSR 6/1	0	0	752	274	10	0	0	0.00	3.69	0
391400050+	391400060	8.20	1 1-	2 ACSR 6/1	0	0	754	275	11	0	0	0.00	3.69	0
390400008+	39150002	7.96	2 1-	2 ACSR 6/1	0	0	773	277	11	0	0	0.00	3.67	0
39150015+	39150013	7.87	77 3-	1/0 ACSR 6/1	939	864	782	278	326	7	3	0.00	3.46	1
391400075+	39150015	7.90	1 1-	2 ACSR 6/1	0	0	779	278	14	0	1	0.00	0.91	0
391400074+	39150015	7.90	75 3-	1/0 ACSR 6/1	937	862	780	278	301	6	3	0.00	3.46	0
391400082+	39140074	8.03	75 3-	1/0 ACSR 6/1	928	853	771	277	301	6	3	0.01	3.47	2
391400084+	39140082	8.07	1 1-	2 ACSR 6/1	0	0	768	277	5	0	0	0.00	5.82	0
D39-14-P132+	39140084	8.07	1 1-	FUS-50	0	0	768	277	5	0	1	0.00	5.82	0
391400081+	D39-14-P132	8.24	1 1-	2 ACSR 6/1	0	0	754	275	5	0	0	0.00	5.82	0
391400083+	39140082	8.10	74 3-	1/0 ACSR 6/1	923	848	766	276	296	6	3	0.00	3.47	0
391400079+	39140083	8.28	73 3-	1/0 ACSR 6/1	911	836	754	275	287	6	3	0.01	3.48	2
391400080+	39140079	8.33	72 3-	1/0 ACSR 6/1	907	832	751	275	287	6	3	0.00	3.49	0
391400073+	39140080	8.56	72 3-	1/0 ACSR 6/1	892	817	736	273	287	6	3	0.01	3.50	3
391400072+	39140073	8.64	70 3-	1/0 ACSR 6/1	886	812	731	272	281	6	3	0.00	3.50	0
391400071+	39140072	8.71	69 3-	1/0 ACSR 6/1	882	807	727	272	264	5	3	0.00	3.51	0
391400070+	39140071	8.74	3 1-	2 ACSR 6/1	0	0	724	272	19	1	1	0.00	5.86	0
39140012+	39140071	8.84	66 3-	1/0 ACSR 6/1	873	799	719	271	244	5	2	0.00	3.51	1
391400078+	39140012	8.95	16 1-	2 ACSR 6/1	0	0	711	270	97	6	4	0.01	0.98	0
D39-14-P022+	39140078	8.95	2 1-	REC-50-E	0	0	711	270	12	0	2	0.00	0.98	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
39060022+	39060021	6.24	1 1-	2 ACSR 6/1	0	0	908	290	5	0	0	0.00	3.42	0
39060023+	39060022	6.27	0 1-	2 ACSR 6/1	0	0	905	289	0	0	0	0.00	3.42	0
39060004+	39060016	6.21	2 1-	2 ACSR 6/1	0	0	912	290	18	1	1	0.00	3.42	0
39060024+	39060004	6.22	2 1-	2 ACSR 6/1	0	0	911	290	18	1	1	0.00	3.42	0
39060012+	39060024	6.27	1 1-	2 ACSR 6/1	0	0	905	289	8	0	0	0.00	3.42	0
39060025+	39060017	6.17	2 1-	2 ACSR 6/1	0	0	916	290	11	0	0	0.00	3.42	0
34960081+	34960007	6.04	1 1-	2 ACSR 6/1	0	0	932	292	6	0	0	0.00	3.41	0
34960084+	34960007	6.04	15 1-	2 ACSR 6/1	0	0	933	292	114	7	4	0.00	3.41	0
34960013+	34960084	6.07	10 1-	2 ACSR 6/1	0	0	928	292	75	5	3	0.00	3.42	0
39060005+	34960013	6.08	9 1-	2 ACSR 6/1	0	0	927	291	68	4	3	0.00	3.42	0
39060006+	39060005	6.11	7 1-	2 ACSR 6/1	0	0	923	291	57	3	2	0.00	3.42	0
39060007+	39060006	6.12	4 1-	2 ACSR 6/1	0	0	922	291	26	1	1	0.00	3.42	0
39060010+	39060007	6.15	2 1-	2 ACSR 6/1	0	0	919	291	10	0	0	0.00	3.42	0
39060011+	39060010	6.16	1 1-	2 ACSR 6/1	0	0	918	291	9	0	0	0.00	3.42	0
34960014+	34960084	6.08	4 1-	2 ACSR 6/1	0	0	928	292	30	2	1	0.00	3.41	0
39060008+	34960014	6.17	2 1-	2 ACSR 6/1	0	0	917	291	15	1	1	0.00	3.41	0
39060009+	34960014	6.10	0 1-	2 ACSR 6/1	0	0	924	291	0	0	0	0.00	3.41	0
34960083+	34960084	6.07	0 1-	2 ACSR 6/1	0	0	928	292	0	0	0	0.00	3.41	0
34960072+	34960071	5.32	2 1-	2 ACSR 6/1	0	0	1015	299	17	1	1	0.00	0.62	0
34960110+	34960071	5.34	1 1-	2 ACSR 6/1	0	0	1012	299	8	0	0	0.00	3.23	0
34870034+	34870033	4.72	2 1-	2 ACSR 6/1	0	0	1091	304	8	0	0	0.00	2.99	0
34870162+	34870034	4.77	1 1-	2 ACSR 6/1	0	0	1082	303	6	0	0	0.00	2.99	0
34870174+	34870034	4.76	1 1-	2 ACSR 6/1	0	0	1085	304	2	0	0	0.00	2.99	0
34870139+	34870138	3.82	3 3-	1/0 ACSR 6/1	1361	1297	1231	312	113	3	2	0.00	2.31	0
34870140+	34870139	3.86	3 3-	1/0 ACSR 6/1	1354	1290	1223	312	113	3	2	0.00	2.31	0
34870144+	34870140	3.90	2 1-	2 ACSR 6/1	0	0	1216	311	17	1	1	0.00	2.55	0
34870145+	34870144	3.92	1 1-	2 ACSR 6/1	0	0	1211	311	10	0	0	0.00	2.55	0
34880005+	34880007	3.37	45 1-	2 ACSR 6/1	0	0	1311	316	278	19	11	0.02	3.75	4
34870132+	34880005	3.41	1 1-	2 ACSR 6/1	0	0	1301	316	14	0	1	0.00	3.75	0
34870131+	34880005	3.41	44 1-	2 ACSR 6/1	0	0	1302	316	265	18	10	0.01	3.76	2
34870134+	34870131	3.44	41 1-	2 ACSR 6/1	0	0	1294	315	241	16	9	0.01	3.77	2
34870183+	34870134	3.50	39 1-	2 ACSR 6/1	0	0	1281	314	232	15	9	0.01	3.78	3
34870163+	34870183	3.56	38 1-	2 ACSR 6/1	0	0	1269	314	228	15	9	0.01	3.80	2
D34-87-P062+	34870163	3.56	37 1-	REC-50-E	0	0	1269	314	217	14	30	0.00	3.80	0
34870164+	D34-87-P062	3.59	37 1-	2 ACSR 6/1	0	0	1262	313	217	14	8	0.01	3.80	1
34870129+	34870164	3.62	14 1-	2 ACSR 6/1	0	0	1255	313	87	5	3	0.00	3.81	0
34870135+	34870129	3.63	12 1-	2 ACSR 6/1	0	0	1252	313	78	5	3	0.00	3.81	0
34870136+	34870135	3.68	11 1-	2 ACSR 6/1	0	0	1243	312	70	4	3	0.00	3.81	0
34870192+	34870136	3.76	3 1-	2 ACSR 6/1	0	0	1226	311	32	2	1	0.00	3.81	0
34870166+	34870192	3.88	2 1-	2 ACSR 6/1	0	0	1203	310	17	1	1	0.00	3.81	0
34870191+	34870136	3.77	6 1-	2 ACSR 6/1	0	0	1225	311	17	1	1	0.00	3.81	0
34870165+	34870191	3.80	3 1-	2 ACSR 6/1	0	0	1218	311	13	0	0	0.00	3.81	0
34870130+	34870129	3.73	2 1-	2 ACSR 6/1	0	0	1232	311	9	0	0	0.00	3.81	0
34870190+	34870164	3.67	20 1-	2 ACSR 6/1	0	0	1245	312	113	7	4	0.01	3.81	0
34770024+	34870190	3.77	14 1-	2 ACSR 6/1	0	0	1223	311	88	6	3	0.01	3.82	0
34770022+	34770024	3.81	11 1-	2 ACSR 6/1	0	0	1216	310	71	4	3	0.00	3.82	0
34770021+	34770022	3.84	2 1-	2 ACSR 6/1	0	0	1210	310	11	0	0	0.00	3.82	0
34770020+	34770022	3.90	8 1-	2 ACSR 6/1	0	0	1198	309	40	2	2	0.00	3.83	0
34770019+	34770020	3.92	6 1-	2 ACSR 6/1	0	0	1195	309	25	1	1	0.00	3.83	0
34770018+	34770019	4.07	0 1-	2 ACSR 6/1	0	0	1166	307	0	0	0	0.00	3.83	0
34770016+	34770019	3.97	5 1-	2 ACSR 6/1	0	0	1186	308	19	1	1	0.00	3.83	0
34770017+	34770016	4.03	2 1-	2 ACSR 6/1	0	0	1173	308	11	0	0	0.00	3.83	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
34770015+	34770017	4.07	0 1-	2 ACSR 6/1	0	0	1166	307	0	0	0	0.00	3.83	0
34770014+	34770017	4.08	1 1-	2 ACSR 6/1	0	0	1165	307	3	0	0	0.00	3.83	0
34770023+	34870190	3.77	0 1-	2 ACSR 6/1	0	0	1224	311	0	0	0	0.00	3.81	0
34770013+	34770023	3.80	0 0-	2 ACSR 6/1	0	0	1218	311	0	0	0	0.00	3.81	0
20850045+	34870190	3.69	3 1-	2 ACSR 6/1	0	0	1240	312	15	1	1	0.00	3.81	0
34770026+	20850045	3.72	2 1-	2 ACSR 6/1	0	0	1234	312	7	0	0	0.00	3.81	0
34880008+	34880007	3.34	3 1-	2 ACSR 6/1	0	0	1317	317	11	0	0	0.00	2.27	0
34880009+	34880008	3.38	2 1-	2 ACSR 6/1	0	0	1308	316	5	0	0	0.00	2.27	0
34780058+	34780057	2.55	1 1-	2 ACSR 6/1	0	0	1492	324	10	0	0	0.00	1.73	0
34780047+	34780041	2.17	2 1-	2 ACSR 6/1	0	0	1592	328	17	1	1	0.00	2.39	0
34780006+	34790003	1.98	2 1-	2 ACSR 6/1	0	0	1643	329	8	0	0	0.00	2.13	0
34780034+	34780006	2.05	2 1-	2 ACSR 6/1	0	0	1622	328	8	0	0	0.00	2.13	0
34780005+	34780006	2.08	0 1-	2 ACSR 6/1	0	0	1611	328	0	0	0	0.00	2.13	0
34790017+	34690103	1.43	2 1-	2 ACSR 6/1	0	0	1826	335	6	0	0	0.00	1.53	0
34690093+	34790017	1.46	2 1-	2 ACSR 6/1	0	0	1815	335	6	0	0	0.00	1.53	0
34690101+	34690102	1.27	2 3-	1/0 ACSR 6/1	1857	1855	1889	337	16	0	0	0.00	0.79	0
34690104+	34690101	1.34	1 1-	2 ACSR 6/1	0	0	1859	336	0	0	0	0.00	1.41	0
34690094+	34690090	0.98	2 1-	2 ACSR 6/1	0	0	2009	340	20	1	1	0.00	1.08	0
CKT 1 total losses:	\$9,760													
SUB 641, CKT 2														
BK641-02+	OVENFORK(641)	0.00	407 3-	BK64102	2236	2299	2522	350	4786	109	65	0.00	0.00	0
34690030+	BK641-02	0.04	407 3-	1/0 ACSR 6/1	2223	2285	2500	350	4786	109	48	0.04	0.04	126
34690075+	34690030	0.10	407 3-	1/0 ACSR 6/1	2202	2260	2460	349	4785	109	48	0.07	0.10	223
34690076+	34690075	0.32	407 3-	1/0 ACSR 6/1	2129	2176	2330	347	4783	109	48	0.25	0.32	774
35620014+	34690076	0.39	406 3-	1/0 ACSR 6/1	2108	2152	2295	346	4695	107	47	0.07	0.39	217
35620015+	35620014	0.45	405 3-	1/0 ACSR 6/1	2088	2128	2259	345	4680	107	47	0.07	0.45	220
35620016+	35620015	0.62	404 3-	1/0 ACSR 6/1	2038	2069	2176	344	4677	107	47	0.17	0.61	540
35-62-P040-B+	35620016	0.62	404 3-	Closed	2038	2069	2176	344	4672	107	0	0.00	0.61	0
35-62-P040-A+	35-62-P040-B	0.62	404 3-	Closed	2038	2069	2176	344	4672	107	0	0.00	0.61	0
35620002+	35-62-P040-A	0.63	404 3-	1/0 ACSR 6/1	2034	2065	2169	344	4672	107	47	0.01	0.62	44
35620018+	35620002	0.74	4 1-	2 ACSR 6/1	0	0	2112	342	28	1	1	0.00	0.57	0
35620017+	35620018	0.82	2 1-	2 ACSR 6/1	0	0	2069	341	8	0	0	0.00	0.57	0
35520070+	35620017	0.92	1 1-	2 ACSR 6/1	0	0	2019	339	5	0	0	0.00	0.57	0
35620020+	35620002	0.77	400 3-	1/0 ACSR 6/1	1994	2017	2104	342	4644	106	46	0.15	0.75	448
35520061+	35620020	1.11	396 3-	1/0 ACSR 6/1	1900	1906	1956	339	4623	106	46	0.36	1.08	1102
35520062+	35520061	1.16	395 3-	1/0 ACSR 6/1	1886	1889	1933	338	4600	106	46	0.06	1.13	179
35-52-P011-B+	35520062	1.16	395 3-	Closed	1886	1889	1933	338	4599	106	0	0.00	1.13	0
35-52-P011-A+	35-52-P011-B	1.16	395 3-	Closed	1886	1889	1933	338	4599	106	0	0.00	1.13	0
35520063+	35-52-P011-A	1.18	395 3-	1/0 ACSR 6/1	1881	1884	1926	338	4599	106	46	0.02	1.15	56
35520038+	35520063	1.22	389 3-	1/0 ACSR 6/1	1871	1872	1910	337	4565	105	46	0.04	1.18	128
35520040+	35520038	1.35	386 3-	1/0 ACSR 6/1	1837	1832	1860	336	4547	105	46	0.14	1.31	415
35520041+	35520040	1.42	1 1-	2 ACSR 6/1	0	0	1829	335	6	0	0	0.00	1.20	0
35520042+	35520040	1.46	385 3-	1/0 ACSR 6/1	1811	1801	1821	335	4537	104	46	0.11	1.41	341
35520043+	35520042	1.55	385 3-	1/0 ACSR 6/1	1790	1776	1790	334	4534	104	46	0.09	1.49	275
35520045+	35520043	1.62	384 3-	1/0 ACSR 6/1	1773	1757	1766	333	4522	104	46	0.07	1.56	220
35520048+	35520045	1.67	378 3-	1/0 ACSR 6/1	1760	1742	1747	333	4487	103	45	0.06	1.61	175
35520051+	35520048	1.78	378 3-	1/0 ACSR 6/1	1736	1714	1713	332	4486	103	45	0.11	1.71	319
D35-52-P045+	35520051	1.78	2 1-	FUS	0	0	1713	332	25	1	39	0.00	1.90	0
35520037+	D35-52-P045	1.85	2 1-	2 ACSR 6/1	0	0	1686	331	25	1	1	0.00	1.90	0
35520049+	35520037	1.96	1 1-	2 ACSR 6/1	0	0	1647	329	12	0	0	0.00	1.90	0
35520050+	35520051	1.81	372 3-	1/0 ACSR 6/1	1727	1704	1701	331	4436	102	45	0.04	1.74	116

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
35520052+	35520050	1.87	371 3-	1/0 ACSR 6/1	1715	1691	1684	331	4426	102	45	0.05	1.79	156
35520054+	35520052	1.93	368 3-	1/0 ACSR 6/1	1701	1674	1664	330	4395	102	44	0.07	1.85	195
35-52-P042-B+	35520054	1.93	368 3-	Closed	1701	1674	1664	330	4394	102	0	0.00	1.85	0
35-52-P042-A+	35-52-P042-B	1.93	368 3-	Closed	1701	1674	1664	330	4394	102	0	0.00	1.85	0
35520057+	35-52-P042-A	1.94	368 3-	1/0 ACSR 6/1	1698	1671	1661	330	4394	102	44	0.01	1.86	37
35520056+	35520057	2.02	360 3-	1/0 ACSR 6/1	1682	1653	1639	329	4335	100	44	0.07	1.93	213
35520068+	35520056	2.09	359 3-	1/0 ACSR 6/1	1666	1635	1617	329	4325	100	44	0.07	2.00	218
35520058+	35520068	2.29	359 3-	1/0 ACSR 6/1	1626	1589	1562	327	4323	100	44	0.19	2.18	567
35530104+	35520058	2.35	357 3-	1/0 ACSR 6/1	1612	1573	1544	326	4302	100	44	0.07	2.24	195
35530139+	35530104	2.41	352 3-	1/0 ACSR 6/1	1600	1560	1528	326	4253	99	43	0.06	2.29	170
35530110+	35530139	2.48	351 3-	1/0 ACSR 6/1	1588	1546	1512	325	4243	99	43	0.06	2.35	174
35530111+	35530110	2.58	350 3-	1/0 ACSR 6/1	1568	1524	1486	324	4232	98	43	0.10	2.44	290
35530112+	35530111	2.70	347 3-	1/0 ACSR 6/1	1546	1499	1458	323	4215	98	43	0.11	2.54	325
35530125+	35530112	2.88	341 3-	1/0 ACSR 6/1	1513	1463	1416	321	4193	98	43	0.17	2.70	497
35530126+	35530125	2.92	340 3-	1/0 ACSR 6/1	1505	1454	1406	321	4174	97	43	0.04	2.74	122
35530127+	35530126	3.05	338 3-	1/0 ACSR 6/1	1482	1429	1378	319	4164	97	42	0.12	2.86	353
35530129+	35530127	3.13	335 3-	1/0 ACSR 6/1	1469	1415	1361	319	4146	97	42	0.07	2.92	211
35530088+	35530129	3.23	2 1-	2 ACSR 6/1	0	0	1337	317	11	0	0	0.00	2.73	0
35630041+	35530088	3.28	1 1-	2 ACSR 6/1	0	0	1325	317	11	0	0	0.00	2.73	0
35530130+	35530129	3.20	332 3-	1/0 ACSR 6/1	1457	1401	1346	318	4120	96	42	0.07	2.99	195
35530131+	35530130	3.24	331 3-	1/0 ACSR 6/1	1450	1394	1338	318	4100	96	42	0.04	3.02	105
35530132+	35530131	3.41	329 3-	1/0 ACSR 6/1	1423	1364	1305	316	4085	96	42	0.16	3.17	448
35530141+	35530132	3.61	329 3-	1/0 ACSR 6/1	1392	1331	1268	314	4081	96	42	0.19	3.34	516
35530033+	35530141	3.78	108 3-	1/0 ACSR 6/1	1365	1302	1237	313	2596	66	29	0.14	3.46	231
35530109+	35530033	3.86	105 3-	1/0 ACSR 6/1	1354	1290	1223	312	2577	65	29	0.06	3.50	98
35530106+	35530109	3.94	15 1-	2 ACSR 6/1	0	0	1208	311	106	7	4	0.01	3.30	0
35530108+	35530106	3.99	2 1-	2 ACSR 6/1	0	0	1198	310	10	0	0	0.00	3.30	0
35530097+	35530108	4.03	1 1-	2 ACSR 6/1	0	0	1190	310	4	0	0	0.00	3.30	0
35530107+	35530106	3.97	1 1-	2 ACSR 6/1	0	0	1202	310	4	0	0	0.00	3.30	0
35530102+	35530106	3.96	9 1-	2 ACSR 6/1	0	0	1204	311	83	5	3	0.00	3.30	0
35530133+	35530102	4.01	8 1-	2 ACSR 6/1	0	0	1194	310	77	5	3	0.00	3.30	0
35540017+	35530133	4.07	7 1-	2 ACSR 6/1	0	0	1182	309	73	4	3	0.00	3.31	0
D35-54-P024+	35540017	4.07	7 1-	REC-25-E	0	0	1182	309	73	4	20	0.00	3.31	0
35540018+	D35-54-P024	4.12	7 1-	2 ACSR 6/1	0	0	1173	309	73	4	3	0.00	3.31	0
35540027+	35540018	4.29	6 1-	2 ACSR 6/1	0	0	1142	306	61	4	2	0.01	3.32	0
35540028+	35540027	4.56	5 1-	2 ACSR 6/1	0	0	1096	303	53	3	2	0.01	3.34	0
35540019+	35540028	4.61	4 1-	2 ACSR 6/1	0	0	1088	302	52	3	2	0.00	3.34	0
35540020+	35540019	4.68	3 1-	2 ACSR 6/1	0	0	1076	302	42	2	2	0.00	3.34	0
35540021+	35540020	4.77	2 1-	2 ACSR 6/1	0	0	1062	301	24	1	1	0.00	3.34	0
35540023+	35540021	4.80	2 1-	2 ACSR 6/1	0	0	1058	300	24	1	1	0.00	3.34	0
35540024+	35540023	4.85	2 1-	2 ACSR 6/1	0	0	1050	300	24	1	1	0.00	3.34	0
35540025+	35540024	4.97	1 1-	2 ACSR 6/1	0	0	1033	298	10	0	0	0.00	3.34	0
35540022+	35540021	4.81	0 1-	2 ACSR 6/1	0	0	1057	300	0	0	0	0.00	3.34	0
35530098+	35530109	3.95	83 3-	1/0 ACSR 6/1	1341	1276	1208	311	2438	62	27	0.07	3.56	102
35530099+	35530098	3.99	81 3-	1/0 ACSR 6/1	1336	1270	1202	311	2356	61	27	0.03	3.58	41
35530100+	35530099	4.02	80 3-	1/0 ACSR 6/1	1331	1265	1196	310	2355	61	27	0.03	3.60	37
35530101+	35530100	4.06	1 1-	2 ACSR 6/1	0	0	1189	310	9	0	0	0.00	3.99	0
35530029+	35530100	4.19	54 3-	1/0 ACSR 6/1	1308	1241	1171	309	2111	55	24	0.09	3.69	147
CAP177+	35530029	4.19	54 3-	Capacitor	0	0	0	0	2110	55	0	0.00	3.69	0
D35-53-P067+	CAP177	4.19	54 3-	REC-50-E	1308	1241	1171	309	2110	64	129	0.00	3.69	0
35530087+	D35-53-P067	4.44	54 3-	1/0 ACSR 6/1	1274	1205	1132	307	2110	64	28	0.17	3.86	309
35630033+	35530087	4.68	3 1-	2 ACSR 6/1	0	0	1092	304	17	1	1	0.00	3.65	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
35630034+	35630033	4.73	2 1-	2 ACSR 6/1	0	0	1084	303	17	1	1	0.00	3.66	0
35630035+	35630034	4.80	1 1-	2 ACSR 6/1	0	0	1073	302	14	0	1	0.00	3.66	0
35630032+	35530087	4.61	50 3-	1/0 ACSR 6/1	1252	1182	1107	305	2082	63	28	0.12	3.97	201
35630031+	35630032	4.66	47 3-	1/0 ACSR 6/1	1247	1177	1101	305	2074	63	28	0.03	4.00	49
35630030+	35630031	4.75	46 3-	1/0 ACSR 6/1	1235	1164	1088	304	2066	63	28	0.07	4.07	116
35630029+	35630030	4.96	44 3-	1/0 ACSR 6/1	1210	1138	1060	302	2053	63	28	0.14	4.20	242
35630028+	35630029	4.99	0 1-	2 ACSR 6/1	0	0	1055	302	0	0	0	0.00	3.93	0
35630027+	35630029	5.02	42 3-	1/0 ACSR 6/1	1203	1131	1053	302	2041	63	28	0.04	4.24	67
35630026+	35630027	5.06	41 3-	1/0 ACSR 6/1	1198	1126	1048	301	2031	63	27	0.03	4.26	44
35630025+	35630026	5.10	40 3-	1/0 ACSR 6/1	1194	1121	1043	301	2018	62	27	0.03	4.29	44
35630024+	35630025	5.13	37 3-	1/0 ACSR 6/1	1190	1118	1040	301	1994	62	27	0.02	4.31	33
35630040+	35630024	5.18	36 3-	1/0 ACSR 6/1	1184	1111	1033	300	1982	62	27	0.04	4.34	61
35630039+	35630040	5.21	34 3-	1/0 ACSR 6/1	1181	1108	1029	300	1975	62	27	0.02	4.36	31
35630038+	35630039	5.24	33 3-	1/0 ACSR 6/1	1178	1105	1026	300	1968	62	27	0.02	4.38	29
35630037+	35630038	5.31	0 1-	2 ACSR 6/1	0	0	1015	299	0	0	0	0.00	4.08	0
35630036+	35630038	5.28	32 3-	1/0 ACSR 6/1	1173	1100	1021	299	1954	61	27	0.03	4.40	48
35630023+	35630036	5.31	30 3-	1/0 ACSR 6/1	1170	1097	1017	299	1936	61	27	0.02	4.42	32
35730029+	35630023	5.35	27 3-	1/0 ACSR 6/1	1165	1092	1012	299	1926	61	27	0.03	4.45	45
35730030+	35730029	5.38	26 3-	1/0 ACSR 6/1	1162	1089	1009	298	1915	61	27	0.02	4.46	28
35730031+	35730030	5.42	25 3-	2 ACSR 6/1	1157	1083	1004	298	1908	60	34	0.03	4.50	67
35730025+	35730031	5.47	24 3-	2 ACSR 6/1	1150	1076	997	297	1898	60	34	0.04	4.54	89
35730026+	35730025	5.50	20 3-	2 ACSR 6/1	1146	1072	992	297	1868	60	33	0.02	4.56	50
35730027+	35730026	5.54	19 3-	2 ACSR 6/1	1140	1066	986	296	1857	60	33	0.04	4.60	72
35730008+	35730027	5.59	11 3-	2 ACSR 6/1	1134	1060	980	296	1791	58	33	0.04	4.64	75
35730033+	35730008	5.88	9 3-	2 ACSR 6/1	1098	1022	943	293	1771	58	33	0.22	4.86	451
35730036+	35730033	5.89	2 3-	2 ACSR 6/1	1097	1021	941	292	1715	57	32	0.01	4.87	19
35730430+	35730036	5.89	2 3-	Consumer	1097	1021	941	292	1715	57	0	0.00	4.87	0
35730035+	35730033	5.94	7 1-	2 ACSR 6/1	0	0	936	292	52	3	2	0.00	4.78	0
D35-73-P037+	35730035	5.94	7 1-	REC-25-E	0	0	936	292	52	3	14	0.00	4.78	0
35730032+	D35-73-P037	6.11	7 1-	2 ACSR 6/1	0	0	915	290	52	3	2	0.01	4.79	0
35730009+	35730032	6.21	7 1-	2 ACSR 6/1	0	0	904	289	52	3	2	0.00	4.79	0
35730010+	35730009	6.28	7 1-	2 ACSR 6/1	0	0	897	288	52	3	2	0.00	4.80	0
35730012+	35730010	6.34	1 1-	2 ACSR 6/1	0	0	889	287	16	1	1	0.00	4.80	0
35730011+	35730010	6.37	5 1-	2 ACSR 6/1	0	0	886	287	27	1	1	0.00	4.80	0
35740003+	35730011	6.47	3 1-	2 ACSR 6/1	0	0	876	286	21	1	1	0.00	4.80	0
35740005+	35740003	6.52	1 1-	2 ACSR 6/1	0	0	870	285	11	0	0	0.00	4.80	0
35740006+	35740005	6.57	0 1-	2 ACSR 6/1	0	0	865	285	0	0	0	0.00	4.80	0
35740004+	35740003	6.69	0 1-	2 ACSR 6/1	0	0	852	283	0	0	0	0.00	4.80	0
35740001+	35730011	6.41	2 1-	2 ACSR 6/1	0	0	882	286	6	0	0	0.00	4.80	0
35740002+	35740001	6.45	1 1-	2 ACSR 6/1	0	0	877	286	2	0	0	0.00	4.80	0
35730028+	35730027	5.59	7 1-	2 ACSR 6/1	0	0	980	296	51	3	2	0.00	4.50	0
35730003+	35730028	5.77	6 1-	2 ACSR 6/1	0	0	958	294	47	3	2	0.01	4.51	0
35730014+	35730003	5.82	2 1-	2 ACSR 6/1	0	0	980	293	27	1	1	0.00	4.51	0
35730015+	35730014	5.86	1 1-	2 ACSR 6/1	0	0	946	293	8	0	0	0.00	4.51	0
35730013+	35730014	5.96	1 1-	2 ACSR 6/1	0	0	934	292	19	1	1	0.00	4.51	0
35730004+	35730003	5.82	2 1-	2 ACSR 6/1	0	0	951	293	10	0	0	0.00	4.51	0
35730005+	35730004	5.95	0 1-	2 ACSR 6/1	0	0	934	292	0	0	0	0.00	4.51	0
35730006+	35730025	5.51	4 1-	2 ACSR 6/1	0	0	991	297	29	2	1	0.00	4.96	0
35730007+	35730006	5.53	3 1-	2 ACSR 6/1	0	0	988	297	24	1	1	0.00	4.96	0
35530028+	35530100	4.06	25 1-	2 ACSR 6/1	0	0	1190	310	234	16	9	0.01	3.99	1
D35-53-P075+	35530028	4.06	25 1-	REC-50-E	0	0	1190	310	234	16	32	0.00	3.99	0
35530027+	D35-53-P075	4.16	25 1-	2 ACSR 6/1	0	0	1170	309	234	16	9	0.03	4.02	5

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
35540016+	35530027	4.25	24 1-	2 ACSR 6/1	0	0	1154	308	218	14	8	0.02	4.04	4
35640021+	35540016	4.44	24 1-	2 ACSR 6/1	0	0	1121	305	218	14	8	0.04	4.08	7
35640022+	35640021	4.51	22 1-	2 ACSR 6/1	0	0	1110	304	207	14	8	0.01	4.09	2
35640023+	35640022	4.55	21 1-	2 ACSR 6/1	0	0	1102	304	200	13	8	0.01	4.10	1
35640024+	35640023	4.59	20 1-	2 ACSR 6/1	0	0	1095	303	191	13	7	0.01	4.11	1
35640025+	35640024	4.75	19 1-	2 ACSR 6/1	0	0	1070	301	181	12	7	0.03	4.14	4
35640028+	35640025	4.84	16 1-	2 ACSR 6/1	0	0	1055	300	148	10	6	0.01	4.15	2
35640032+	35640028	4.89	14 1-	2 ACSR 6/1	0	0	1048	300	135	9	5	0.01	4.16	0
35640033+	35640032	4.95	13 1-	2 ACSR 6/1	0	0	1039	299	127	8	5	0.01	4.16	0
35640034+	35640033	5.00	13 1-	2 ACSR 6/1	0	0	1032	298	127	8	5	0.01	4.17	0
35640035+	35640034	5.03	1 1-	2 ACSR 6/1	0	0	1027	298	10	0	0	0.00	4.17	0
35640036+	35640035	5.06	1 1-	2 ACSR 6/1	0	0	1022	298	10	0	0	0.00	4.17	0
35640003+	35640034	5.15	12 1-	2 ACSR 6/1	0	0	1010	297	117	8	4	0.02	4.19	2
35640004+	35640003	5.21	11 1-	2 ACSR 6/1	0	0	1001	296	112	7	4	0.01	4.19	0
35640030+	35640004	5.48	11 1-	2 ACSR 6/1	0	0	965	293	112	7	4	0.03	4.22	3
35640031+	35640030	5.56	11 1-	2 ACSR 6/1	0	0	955	292	112	7	4	0.01	4.23	0
35640029+	35640031	5.60	11 1-	2 ACSR 6/1	0	0	950	291	112	7	4	0.00	4.24	0
35650020+	35640029	5.66	10 1-	2 ACSR 6/1	0	0	943	291	100	6	4	0.01	4.24	0
35650023+	35650020	5.69	9 1-	2 ACSR 6/1	0	0	939	290	88	6	3	0.00	4.24	0
35650024+	35650023	5.71	8 1-	2 ACSR 6/1	0	0	936	290	72	4	3	0.00	4.25	0
35650022+	35650024	5.75	7 1-	2 ACSR 6/1	0	0	931	290	57	3	2	0.00	4.25	0
35650016+	35650022	5.77	6 1-	2 ACSR 6/1	0	0	929	289	45	3	2	0.00	4.25	0
35650017+	35650016	5.80	5 1-	2 ACSR 6/1	0	0	925	289	45	3	2	0.00	4.25	0
35650018+	35650017	5.82	4 1-	2 ACSR 6/1	0	0	922	289	32	2	1	0.00	4.25	0
35650013+	35650018	5.87	3 1-	2 ACSR 6/1	0	0	917	288	23	1	1	0.00	4.25	0
35650019+	35650013	5.90	1 1-	2 ACSR 6/1	0	0	913	288	11	0	0	0.00	4.25	0
35650014+	35650013	5.93	0 1-	2 ACSR 6/1	0	0	910	288	0	0	0	0.00	4.25	0
35650021+	35650024	5.76	1 1-	2 ACSR 6/1	0	0	929	289	15	1	1	0.00	4.25	0
35640026+	35640025	4.81	2 1-	2 ACSR 6/1	0	0	1061	301	22	1	1	0.00	4.14	0
35640027+	35640026	4.85	1 1-	2 ACSR 6/1	0	0	1054	300	12	0	0	0.00	4.14	0
35540015+	35530027	4.25	1 1-	2 ACSR 6/1	0	0	1154	308	16	1	1	0.00	4.02	0
35530140+	35530033	3.83	3 1-	2 ACSR 6/1	0	0	1227	312	17	1	1	0.00	3.81	0
35530089+	35530141	3.66	221 3-	1/0 ACSR 6/1	1384	1322	1258	314	1480	33	15	0.01	3.35	21
C35-53-P140+	35530089	3.66	0 3-	Capacitor	1384	1322	1258	314	0	-7	0	0.00	3.35	0
35530090+	35530089	3.68	220 3-	1/0 ACSR 6/1	1380	1318	1254	314	1480	33	15	0.00	3.36	8
D35-53-P103+	35530090	3.68	220 3-	REC-70-E	1380	1318	1254	314	1480	33	48	0.00	3.36	0
35530030+	D35-53-P103	3.69	220 3-	1/0 ACSR 6/1	1379	1317	1253	313	1480	33	15	0.00	3.36	3
35530119+	35530030	3.73	5 1-	2 ACSR 6/1	0	0	1245	313	83	5	3	0.00	3.28	0
35530120+	35530119	3.77	4 1-	2 ACSR 6/1	0	0	1237	312	75	5	3	0.00	3.28	0
35530135+	35530120	3.81	2 1-	2 ACSR 6/1	0	0	1229	312	24	1	1	0.00	3.29	0
35530136+	35530135	3.85	1 1-	2 ACSR 6/1	0	0	1220	311	10	0	0	0.00	3.29	0
35530134+	35530120	3.79	1 1-	2 ACSR 6/1	0	0	1232	312	43	2	2	0.00	3.29	0
35530032+	35530030	3.85	215 3-	1/0 ACSR 6/1	1356	1292	1226	312	1396	31	14	0.04	3.40	50
35530091+	35530032	3.98	4 1-	2 ACSR 6/1	0	0	1199	310	26	1	1	0.00	3.34	0
35530031+	35530032	4.00	211 3-	1/0 ACSR 6/1	1334	1268	1200	311	1370	31	14	0.04	3.44	48
35530092+	35530031	4.12	4 1-	2 ACSR 6/1	0	0	1177	309	44	2	2	0.00	3.15	0
35530093+	35530092	4.19	3 1-	2 ACSR 6/1	0	0	1165	308	37	2	1	0.00	3.16	0
35530094+	35530093	4.28	1 1-	2 ACSR 6/1	0	0	1147	307	12	0	0	0.00	3.16	0
35530095+	35530031	4.06	207 3-	1/0 ACSR 6/1	1325	1259	1190	310	1326	30	13	0.02	3.45	18
35530096+	35530095	4.14	206 3-	1/0 ACSR 6/1	1315	1249	1179	309	1318	30	13	0.02	3.47	21
35530113+	35530096	4.19	204 3-	1/0 ACSR 6/1	1307	1241	1170	309	1309	29	13	0.01	3.48	17
35530115+	35530113	4.25	202 3-	1/0 ACSR 6/1	1299	1232	1160	308	1292	29	13	0.01	3.50	17

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
35440025+	35440031	5.69	154 3-	1/0 ACSR 6/1	1129	1055	974	296	968	22	10	0.01	3.78	15
20851833+	35440025	5.97	153 3-	1/0 ACSR 6/1	1100	1026	944	293	958	21	10	0.05	3.83	52
20851832+	20851833	6.01	1 1-	2 ACSR 6/1	0	0	930	293	4	0	0	0.00	4.13	0
35440003+	20851833	6.01	152 3-	1/0 ACSR 6/1	1097	1022	949	293	953	21	9	0.01	3.84	7
D35-44-P054+	35440003	6.01	152 3-	REC-50-E	1097	1022	940	293	953	21	44	0.00	3.84	0
20850033+	D35-44-P054	6.03	152 3-	1/0 ACSR 6/1	1094	1019	938	293	953	21	9	0.00	3.84	5
20850034+	20850033	6.26	151 3-	1/0 ACSR 6/1	1073	998	916	291	943	21	9	0.04	3.88	40
20850032+	20850034	6.38	148 3-	1/0 ACSR 6/1	1061	986	903	290	941	21	9	0.02	3.90	23
20850031+	20850032	6.46	2 1-	2 ACSR 6/1	0	0	896	289	10	0	0	0.00	3.22	0
20850030+	20850032	6.42	145 3-	1/0 ACSR 6/1	1058	982	900	290	927	21	9	0.01	3.91	6
35450033+	20850030	6.46	144 3-	1/0 ACSR 6/1	1054	979	897	289	917	21	9	0.01	3.92	7
35450031+	35450033	6.48	140 3-	1/0 ACSR 6/1	1052	976	894	289	893	20	9	0.00	3.92	4
35450029+	35450031	6.54	139 3-	1/0 ACSR 6/1	1047	972	889	289	887	20	9	0.01	3.93	8
35450028+	35450029	6.59	137 3-	1/0 ACSR 6/1	1043	967	885	288	869	19	9	0.01	3.94	8
35450027+	35450028	6.62	1 1-	2 ACSR 6/1	0	0	881	288	16	1	1	0.00	4.25	0
35450026+	35450028	6.66	2 1-	2 ACSR 6/1	0	0	877	288	3	0	0	0.00	4.25	0
35450025+	35450028	6.69	132 3-	1/0 ACSR 6/1	1034	958	876	288	833	19	8	0.01	3.95	15
35450024+	35450025	6.79	130 3-	1/0 ACSR 6/1	1025	949	867	287	826	18	8	0.01	3.97	15
35450030+	35450024	6.86	129 3-	1/0 ACSR 6/1	1019	943	861	286	823	18	8	0.01	3.98	10
20850145+	35450030	6.94	127 3-	1/0 ACSR 6/1	1012	937	854	286	816	18	8	0.01	3.99	11
20850167+	20850145	7.00	126 3-	1/0 ACSR 6/1	1007	931	849	285	812	18	8	0.01	4.00	9
20850166+	20850167	7.14	125 3-	1/0 ACSR 6/1	996	920	837	284	811	18	8	0.02	4.02	19
20850165+	20850166	7.18	2 1-	2 ACSR 6/1	0	0	834	284	19	1	1	0.00	3.23	0
20850163+	20850166	7.18	4 1-	2 ACSR 6/1	0	0	833	283	34	2	1	0.00	4.51	0
20850164+	20850163	7.20	3 1-	2 ACSR 6/1	0	0	832	283	24	1	1	0.00	4.51	0
35450021+	20850166	7.21	119 3-	1/0 ACSR 6/1	990	914	832	283	758	17	8	0.01	4.03	9
35-45-P046-B+	35450021	7.21	119 3-	Closed	990	914	832	283	758	17	0	0.00	4.03	0
35-45-P046-A+	35-45-P046-B	7.21	119 3-	Closed	990	914	832	283	758	17	0	0.00	4.03	0
35450022+	35-45-P046-A	7.28	119 3-	1/0 ACSR 6/1	985	909	826	283	758	17	8	0.01	4.04	9
D35-45-P023+	35450022	7.28	8 1-	REC-25-E	0	0	826	283	39	2	11	0.00	3.22	0
35450019+	D35-45-P023	7.33	8 1-	2 ACSR 6/1	0	0	822	282	39	2	1	0.00	3.23	0
20850162+	35450019	7.38	0 1-	2 ACSR 6/1	0	0	817	282	0	0	0	0.00	3.23	0
35450020+	35450019	7.77	8 1-	2 ACSR 6/1	0	0	782	278	39	2	1	0.02	3.24	0
35350008+	35450020	8.14	6 1-	2 ACSR 6/1	0	0	751	274	24	1	1	0.01	3.25	0
35350009+	35350008	8.59	5 1-	2 ACSR 6/1	0	0	717	269	20	1	1	0.01	3.26	0
35350007+	35350009	8.67	1 1-	2 ACSR 6/1	0	0	711	268	5	0	0	0.00	3.26	0
35350006+	35350009	8.65	4 1-	2 ACSR 6/1	0	0	713	268	15	1	1	0.00	3.26	0
20850205+	35350006	8.85	2 1-	2 ACSR 6/1	0	0	698	266	8	0	0	0.00	3.26	0
35350010+	35450020	7.97	2 1-	2 ACSR 6/1	0	0	765	275	16	1	1	0.00	3.25	0
35360005+	35350010	8.09	2 1-	2 ACSR 6/1	0	0	755	274	16	1	1	0.00	3.25	0
35360006+	35360005	8.28	1 1-	2 ACSR 6/1	0	0	740	272	5	0	0	0.00	3.25	0
35360007+	35360006	8.32	0 1-	2 ACSR 6/1	0	0	737	272	0	0	0	0.00	3.25	0
35360008+	35360005	8.13	1 1-	2 ACSR 6/1	0	0	752	274	11	0	0	0.00	3.25	0
35360009+	35360008	8.55	1 1-	2 ACSR 6/1	0	0	720	269	11	0	0	0.00	3.25	0
35450023+	35450022	7.81	111 3-	1/0 ACSR 6/1	944	869	787	279	719	16	7	0.07	4.11	68
20850035+	35450023	8.06	0 3-	2 ACSR 6/1	921	846	765	276	0	0	0	0.00	4.11	0
D35-46-P010+	20850035	8.06	0 3-	FUS	921	846	765	276	0	0	0	0.00	4.11	0
35460044+	D35-46-P010	8.22	0 3-	2 ACSR 6/1	907	832	752	274	0	0	0	0.00	4.11	0
35460017+	35450023	8.06	111 3-	1/0 ACSR 6/1	925	850	768	277	718	16	7	0.03	4.14	33
35460018+	35460017	8.28	111 3-	1/0 ACSR 6/1	910	835	754	275	718	16	7	0.03	4.17	28
20850036+	35460018	8.32	4 1-	2 ACSR 6/1	0	0	751	275	15	1	1	0.00	4.47	0
20850037+	20850036	8.41	4 1-	2 ACSR 6/1	0	0	744	274	15	1	1	0.00	4.47	0

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
20850038+	20850037	8.62	1 1-	2 ACSR 6/1	0	0	728	272	0	0	0	0.00	4.47	0
35460048+	20850038	8.69	1 1-	2 ACSR 6/1	0	0	723	271	0	0	0	0.00	4.47	0
35460019+	35460018	8.33	107 3-	1/0 ACSR 6/1	907	832	751	275	703	16	7	0.01	4.18	6
20850008+	35460019	8.38	2 1-	2 ACSR 6/1	0	0	747	274	22	1	1	0.00	4.48	0
35460020+	20850008	8.42	1 1-	2 ACSR 6/1	0	0	743	274	15	1	1	0.00	4.48	0
35460021+	35460019	8.39	105 3-	1/0 ACSR 6/1	903	828	747	274	680	15	7	0.01	4.18	7
20850146+	35460021	8.49	104 3-	1/0 ACSR 6/1	896	822	741	274	676	15	7	0.01	4.20	11
35460056+	20850146	8.50	57 1-	2 ACSR 6/1	0	0	739	273	373	25	14	0.01	4.92	2
35460057+	35460056	8.56	57 1-	2 ACSR 6/1	0	0	735	273	373	25	14	0.02	4.94	7
D35-46-P034+	35460057	8.56	57 1-	REC-25-E	0	0	735	273	373	25	103	0.00	4.94	0
35460058+	D35-46-P034	8.71	57 1-	2 ACSR 6/1	0	0	723	271	373	25	14	0.06	5.00	17
35460061+	35460058	8.78	4 1-	2 ACSR 6/1	0	0	718	270	37	2	1	0.00	5.00	0
35460062+	35460061	8.84	2 1-	2 ACSR 6/1	0	0	714	270	24	1	1	0.00	5.00	0
35460063+	35460062	8.88	1 1-	2 ACSR 6/1	0	0	712	270	14	0	1	0.00	5.00	0
35460059+	35460058	8.75	52 1-	2 ACSR 6/1	0	0	721	271	326	22	13	0.01	5.01	3
35460049+	35460059	8.78	50 1-	2 ACSR 6/1	0	0	719	271	306	21	12	0.01	5.02	2
35460051+	35460049	8.84	48 1-	2 ACSR 6/1	0	0	714	270	289	20	11	0.02	5.04	5
35460050+	35460051	8.90	46 1-	2 ACSR 6/1	0	0	710	269	272	18	10	0.02	5.05	4
35460053+	35460050	8.94	45 1-	2 ACSR 6/1	0	0	707	269	264	18	10	0.01	5.06	2
35460055+	35460053	8.99	1 1-	2 ACSR 6/1	0	0	704	268	9	0	0	0.00	5.06	0
35460060+	35460055	9.07	1 1-	2 ACSR 6/1	0	0	698	268	9	0	0	0.00	5.07	0
35460054+	35460053	8.99	40 1-	2 ACSR 6/1	0	0	704	268	237	16	9	0.01	5.08	2
35460023+	35460054	9.04	30 1-	2 ACSR 6/1	0	0	700	268	166	11	6	0.01	5.08	0
35470030+	35460023	9.07	26 1-	2 ACSR 6/1	0	0	698	268	148	10	6	0.01	5.09	0
35470029+	35470030	9.11	25 1-	2 ACSR 6/1	0	0	695	267	138	9	5	0.01	5.09	0
35470039+	35470029	9.17	22 1-	2 ACSR 6/1	0	0	692	267	125	8	5	0.01	5.10	0
35570020+	35470039	9.25	20 1-	2 ACSR 6/1	0	0	686	266	116	8	4	0.01	5.11	0
35570019+	35570020	9.32	17 1-	2 ACSR 6/1	0	0	681	265	100	6	4	0.01	5.12	0
35570018+	35570019	9.39	15 1-	2 ACSR 6/1	0	0	676	264	93	6	4	0.01	5.12	0
35570015+	35570018	9.43	5 1-	2 ACSR 6/1	0	0	674	264	25	1	1	0.00	5.12	0
35570016+	35570015	9.45	3 1-	2 ACSR 6/1	0	0	673	264	16	1	1	0.00	5.12	0
35570017+	35570016	9.51	1 1-	2 ACSR 6/1	0	0	669	263	0	0	0	0.00	5.12	0
35570014+	35570018	9.47	5 1-	2 ACSR 6/1	0	0	672	264	44	3	2	0.00	5.13	0
35570012+	35570014	9.53	4 1-	2 ACSR 6/1	0	0	668	263	32	2	1	0.00	5.13	0
35560006+	35570012	9.63	2 1-	2 ACSR 6/1	0	0	661	262	16	1	1	0.00	5.13	0
35560007+	35560006	9.67	1 1-	2 ACSR 6/1	0	0	659	262	9	0	0	0.00	5.13	0
35560005+	35570012	9.60	2 1-	2 ACSR 6/1	0	0	663	262	16	1	1	0.00	5.13	0
35570011+	35560005	9.65	1 1-	2 ACSR 6/1	0	0	660	262	13	0	0	0.00	5.13	0
35570013+	35570011	9.73	1 1-	2 ACSR 6/1	0	0	655	261	13	0	0	0.00	5.13	0
35560008+	35570013	9.79	0 1-	2 ACSR 6/1	0	0	652	261	0	0	0	0.00	5.13	0
35460047+	35460054	9.10	10 1-	2 ACSR 6/1	0	0	696	267	70	4	3	0.01	5.08	0
35470028+	35460047	9.16	3 1-	2 ACSR 6/1	0	0	692	267	18	1	1	0.00	5.08	0
35470026+	35460047	9.16	3 1-	2 ACSR 6/1	0	0	692	267	16	1	1	0.00	5.08	0
35470027+	35470026	9.21	1 1-	2 ACSR 6/1	0	0	688	266	7	0	0	0.00	5.08	0
35470025+	35460047	9.14	1 1-	2 ACSR 6/1	0	0	693	267	11	0	0	0.00	5.08	0
35470010+	35460047	9.14	1 1-	2 ACSR 6/1	0	0	693	267	10	0	0	0.00	5.08	0
20850412+	35460053	9.02	3 1-	2 ACSR 6/1	0	0	702	268	13	0	0	0.00	5.06	0
35460052+	35460051	8.90	1 1-	2 ACSR 6/1	0	0	710	269	10	0	0	0.00	5.04	0
20850147+	20850146	8.53	47 1-	2 ACSR 6/1	0	0	737	273	303	20	12	0.01	4.50	3
20850149+	20850147	8.58	43 1-	2 ACSR 6/1	0	0	733	273	278	19	11	0.02	4.52	4
20850156+	20850149	8.62	43 1-	2 ACSR 6/1	0	0	730	272	278	19	11	0.01	4.53	3
35460045+	20850156	8.67	40 1-	2 ACSR 6/1	0	0	727	272	267	18	10	0.01	4.54	3

LINE SECT	PRIOR SECT	MILES	PHS CONS	WIRE CONSTR-N	MX 3P FAULT	MX LLG FAULT	MX LG FAULT	MN LG FAULT	TOTAL KW	EQUIV AMPS	% CAP	LINE DROP	TOTAL DROP	LINE LOSS
D35-46-P089+	35460045	8.67	40 1-	REC-25-E	0	0	727 272	267	18	73	0.00	4.54	0	
35460046+	D35-46-P089	8.70	40 1-	2 ACSR 6/1	0	0	724 271	267	18	10	0.01	4.55	2	
35460022+	35460046	8.74	38 1-	2 ACSR 6/1	0	0	721 271	266	18	10	0.01	4.56	2	
35470037+	35460022	8.77	2 1-	2 ACSR 6/1	0	0	719 271	17	1	1	0.00	4.56	0	
35470038+	35470037	8.81	1 1-	2 ACSR 6/1	0	0	717 270	6	0	0	0.00	4.56	0	
35470036+	35460022	8.78	36 1-	2 ACSR 6/1	0	0	719 271	249	17	10	0.01	4.57	2	
35470022+	35470036	8.84	32 1-	2 ACSR 6/1	0	0	714 270	232	15	9	0.02	4.59	3	
35470031+	35470022	8.88	2 1-	2 ACSR 6/1	0	0	711 270	14	0	1	0.00	4.59	0	
35470023+	35470022	8.90	2 1-	2 ACSR 6/1	0	0	710 269	19	1	1	0.00	4.59	0	
35470013+	35470023	8.95	1 1-	2 ACSR 6/1	0	0	706 269	15	1	1	0.00	4.59	0	
35470011+	35470022	8.88	26 1-	2 ACSR 6/1	0	0	712 270	195	13	7	0.01	4.59	0	
35470024+	35470011	9.02	1 1-	2 ACSR 6/1	0	0	702 268	9	0	0	0.00	4.59	0	
35470012+	35470011	8.95	24 1-	2 ACSR 6/1	0	0	706 269	175	12	7	0.01	4.61	2	
35470018+	35470012	9.05	18 1-	2 ACSR 6/1	0	0	699 268	124	8	5	0.01	4.62	1	
35470019+	35470018	9.12	2 1-	2 ACSR 6/1	0	0	694 267	14	0	1	0.00	4.62	0	
35470017+	35470018	9.12	0 1-	2 ACSR 6/1	0	0	695 267	0	0	0	0.00	4.62	0	
35470016+	35470018	9.27	15 1-	2 ACSR 6/1	0	0	684 266	99	6	4	0.02	4.64	2	
35370017+	35470016	9.32	1 1-	2 ACSR 6/1	0	0	681 265	9	0	0	0.00	4.64	0	
35370029+	35470016	9.35	2 1-	2 ACSR 6/1	0	0	679 265	21	1	1	0.00	4.64	0	
35370023+	35370029	9.40	1 1-	2 ACSR 6/1	0	0	676 264	10	0	0	0.00	4.64	0	
35370028+	35470016	9.35	1 1-	2 ACSR 6/1	0	0	679 265	4	0	0	0.00	4.64	0	
20851651+	35470016	9.35	2 1-	2 ACSR 6/1	0	0	679 265	18	1	1	0.00	4.64	0	
35370018+	20851651	9.46	1 1-	2 ACSR 6/1	0	0	672 264	6	0	0	0.00	4.64	0	
35370024+	35470016	9.40	9 1-	2 ACSR 6/1	0	0	676 264	47	3	2	0.01	4.65	0	
35370019+	35370024	9.43	8 1-	2 ACSR 6/1	0	0	674 264	46	3	2	0.00	4.65	0	
35370021+	35370019	9.47	1 1-	2 ACSR 6/1	0	0	671 264	6	0	0	0.00	4.65	0	
35370020+	35370019	9.51	7 1-	2 ACSR 6/1	0	0	669 263	40	2	2	0.00	4.65	0	
35370026+	35370020	9.54	2 1-	2 ACSR 6/1	0	0	667 263	13	0	0	0.00	4.65	0	
35370027+	35370026	9.58	1 1-	2 ACSR 6/1	0	0	665 263	2	0	0	0.00	4.65	0	
35370025+	35370020	9.63	5 1-	2 ACSR 6/1	0	0	661 262	27	1	1	0.00	4.65	0	
35370022+	35370025	9.66	4 1-	2 ACSR 6/1	0	0	660 262	17	1	1	0.00	4.65	0	
35370030+	35370022	9.72	3 1-	2 ACSR 6/1	0	0	656 261	6	0	0	0.00	4.65	0	
20851650+	35370030	10.11	2 1-	2 ACSR 6/1	0	0	633 258	5	0	0	0.00	4.66	0	
35470014+	35470012	9.02	4 1-	2 ACSR 6/1	0	0	701 268	36	2	1	0.00	4.61	0	
35470015+	35470014	9.08	1 1-	2 ACSR 6/1	0	0	697 268	6	0	0	0.00	4.61	0	
35470020+	35470036	8.82	2 1-	2 ACSR 6/1	0	0	716 270	12	0	0	0.00	4.57	0	
35470021+	35470020	8.86	0 1-	2 ACSR 6/1	0	0	713 270	0	0	0	0.00	4.57	0	
20850157+	20850156	8.71	1 1-	2 ACSR 6/1	0	0	723 271	9	0	0	0.00	4.53	0	
20850148+	20850147	8.56	2 1-	2 ACSR 6/1	0	0	735 273	15	1	1	0.00	4.50	0	
20850411+	20850148	8.71	1 1-	2 ACSR 6/1	0	0	723 271	3	0	0	0.00	4.51	0	
35450032+	35450033	6.50	2 1-	2 ACSR 6/1	0	0	891 289	15	1	1	0.00	4.29	0	
35430011+	20851652	4.57	0 1-	2 ACSR 6/1	0	0	1111 305	0	0	0	0.00	3.58	0	
20851653+	20851652	4.49	1 1-	2 ACSR 6/1	0	0	1124 306	6	0	0	0.00	3.88	0	
35530116+	35530115	4.31	1 1-	2 ACSR 6/1	0	0	1150 308	8	0	0	0.00	3.83	0	
35530114+	35530113	4.23	1 1-	2 ACSR 6/1	0	0	1163 308	11	0	0	0.00	3.82	0	
35530128+	35530127	3.10	1 1-	2 ACSR 6/1	0	0	1365 319	3	0	0	0.00	2.77	0	
35530121+	35530112	2.74	6 1-	2 ACSR 6/1	0	0	1445 322	19	1	1	0.00	2.36	0	
35530122+	35530121	2.79	5 1-	2 ACSR 6/1	0	0	1433 322	18	1	1	0.00	2.36	0	
35530123+	35530122	2.86	3 1-	2 ACSR 6/1	0	0	1413 321	11	0	0	0.00	2.36	0	
35530124+	35530123	2.92	2 1-	2 ACSR 6/1	0	0	1397 320	11	0	0	0.00	2.36	0	
35530137+	35530104	2.40	4 1-	2 ACSR 6/1	0	0	1531 326	37	2	1	0.00	2.48	0	
35530138+	35530137	2.43	2 1-	2 ACSR 6/1	0	0	1522 325	17	1	1	0.00	2.48	0	

