Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
Fall Rock		ABC	SRC-Fall R	7.50Y	125.0	0.00	0.00	481.37	0	10289	3384	95	0.00	0.0	0.000	0.000	0	0	0	2488
PL.9895	Fall Rock	ABC	397 SPACER	7.50Y	125.0	0.01	0.01	309.00	59	6570	2275	94	0.07	0.0	0.005	0.005	0	0	0	1557
PL.27881	PL.9895	ABC	397 SPACER	7.50Y	125.0	0.01	0.01	309.00	59	6570	2274	94	0.09	0.0	0.012	0.007	0	0	0	1557
---------- Feeder No. 3 (Foggertown F3) Beginning with Device PD.3854 ----------																				
PD.3854	PL.27881	ABC	480VWE	7.50Y	125.0	0.00	0.01	309.00	0	6570	2273	95	0.00	0.0	0.012	0.007	0	0	0	1557
PL.9896	PD.3854	ABC	397 SPACER	7.50Y	124.9	0.06	0.07	309.00	59	6570	2273	95	0.70	0.0	0.068	0.056	0	0	0	1557
PL.9770	PL.9896	ABC	336 MCM AC	7.49Y	124.9	0.08	0.15	309.00	60	6569	2264	95	2.48	0.0	0.098	0.031	12	3	2	1557
PL.9771	PL.9770	ABC	336 MCM AC	7.48Y	124.7	0.18	0.33	308.46	59	6555	2256	95	5.72	0.1	0.170	0.071	15	4	2	1555
PL.9772	PL.9771	ABC	336 MCM AC	7.47Y	124.6	0.12	0.44	307.79	59	6535	2238	95	3.87	0.1	0.219	0.049	3	1	1	1553
PL.9773	PL.9772	ABC	336 MCM AC	7.46Y	124.4	0.17	0.61	307.66	59	6528	2229	95	5.53	0.1	0.288	0.070	17	4	5	1552
PL.9959	PL.9773	A	6 A (CWC)	7.46Y	124.4	0.00	0.61	0.31	0	2	1	89	0.00	0.0	0.293	0.005	0	0	0	1
PD.1812	PL.9959	A	65T	7.46Y	124.4	0.00	0.61	0.31	0	2	1	89	0.00	0.0	0.293	0.005	0	0	0	1
PL.9960	PD.1812	A	6 A (CWC)	7.46Y	124.4	0.00	0.61	0.31	0	2	1	89	0.00	0.0	0.376	0.083	2	1	1	1
PL.8804	PL.9773	ABC	336 MCM AC	7.45Y	124.1	0.24	0.86	306.42	59	6495	2209	95	7.93	0.1	0.388	0.100	0	0	1	1544
PL.8805	PL.8804	ABC	336 MCM AC	7.44Y	124.1	0.08	0.94	305.71	59	6472	2186	95	2.71	0.0	0.423	0.034	0	0	0	1541
PL.9917	PL.8805	A	6 A (CWC)	7.44Y	124.1	0.00	0.94	0.72	1	5	1	98	0.00	0.0	0.427	0.005	0	0	0	5
PD.1790	PL.9917	A	65T	7.44Y	124.1	0.00	0.94	0.72	0	5	1	98	0.00	0.0	0.427	0.005	0	0	0	5
PL.9918	PD.1790	A	6 A (CWC)	7.44Y	124.1	0.00	0.94	0.72	1	5	1	98	0.00	0.0	0.441	0.014	0	0	1	5
PL.9776	PL.9918	A	6 A (CWC)	7.44Y	124.1	0.00	0.94	0.68	0	5	1	98	0.00	0.0	0.466	0.024	4	1	2	4
PL.9777	PL.9776	A	6 A (CWC)	7.44Y	124.1	0.00	0.94	0.19	0	1	0	100	0.00	0.0	0.512	0.047	1	0	2	2
PL.8806	PL.8805	ABC	336 MCM AC	7.44Y	123.9	0.14	1.08	305.47	59	6464	2178	95	4.49	0.1	0.480	0.057	15	4	4	1536
PL.9919	PL.8806	C	#4 ACSR	7.43Y	123.9	0.00	1.08	22.39	17	161	42	97	0.00	0.0	0.484	0.004	0	0	0	44
PD.1791	PL.9919	C	65T	7.43Y	123.9	0.00	1.08	22.39	0	161	42	97	0.00	0.0	0.484	0.004	0	0	0	44
PL.9920	PD.1791	C	#4 ACSR	7.43Y	123.9	0.04	1.13	22.39	17	161	42	97	0.05	0.0	0.527	0.042	0	0	3	44
PL.9650	PL.9920	C	#4 ACSR	7.43Y	123.9	0.02	1.14	22.36	17	161	42	97	0.02	0.0	0.543	0.017	15	4	3	41
PL.9651	PL.9650	C	#4 ACSR	7.43Y	123.8	0.05	1.20	20.34	16	146	38	97	0.06	0.0	0.604	0.061	6	1	1	38
PL.9658	PL.9651	C	#4 ACSR	7.43Y	123.8	0.03	1.23	19.56	15	141	37	97	0.03	0.0	0.641	0.037	9	2	2	37
PL.9659	PL.9658	C	#4 ACSR	7.43Y	123.8	0.01	1.24	18.26	14	131	34	97	0.01	0.0	0.657	0.016	0	0	0	35
PL.9643	PL.9659	C	#4 ACSR	7.42Y	123.7	0.03	1.27	18.26	14	131	34	97	0.03	0.0	0.702	0.045	14	4	4	35
PL.9774	PL.9643	C	#4 ACSR	7.42Y	123.7	0.02	1.30	16.38	13	118	31	97	0.02	0.0	0.734	0.032	16	4	3	31

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

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Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9775	PL.9774	C	#4 ACSR	7.42Y	123.7	0.03	1.32	14.11	11	101	27	97	0.02	0.0	0.783	0.049	16	4	6	28
PL.8807	PL.9775	C	#4 ACSR	7.42Y	123.7	0.01	1.34	8.75	7	63	16	97	0.01	0.0	0.826	0.043	19	5	4	16
PL.9762	PL.8807	C	#4 ACSR	7.42Y	123.6	0.01	1.35	6.10	5	44	11	97	0.00	0.0	0.875	0.049	12	3	3	12
PL.9763	PL.9762	C	#4 ACSR	7.42Y	123.6	0.01	1.36	4.36	3	31	8	97	0.00	0.0	0.916	0.041	0	0	1	9
PL.9764	PL.9763	C	#4 ACSR	7.42Y	123.6	0.01	1.37	4.36	3	31	8	97	0.00	0.0	0.959	0.043	6	1	1	8
PL.9761	PL.9764	C	#4 ACSR	7.42Y	123.6	0.00	1.37	3.56	3	26	7	97	0.00	0.0	0.995	0.036	10	3	2	7
PL.9765	PL.9761	C	#4 ACSR	7.42Y	123.6	0.00	1.37	2.20	2	16	4	97	0.00	0.0	1.023	0.029	7	2	3	5
PL.9766	PL.9765	C	#4 ACSR	7.42Y	123.6	0.00	1.37	1.16	1	8	2	97	0.00	0.0	1.062	0.039	8	2	2	2
PL.9767	PL.9775	C	#2 ACSR	7.42Y	123.7	0.00	1.33	3.12	2	22	6	96	0.00	0.0	0.832	0.049	8	2	3	6
PL.9768	PL.9767	C	#2 ACSR	7.42Y	123.7	0.00	1.33	1.96	1	14	4	96	0.00	0.0	0.893	0.060	9	2	2	3
PL.9769	PL.9768	C	#2 ACSR	7.42Y	123.7	0.00	1.33	0.73	0	5	1	98	0.00	0.0	0.971	0.078	5	1	1	1
PL.9310	PL.8806	ABC	336 MCM AC	7.42Y	123.7	0.20	1.28	297.32	57	6283	2122	95	6.19	0.1	0.564	0.084	46	12	13	1488
PL.9306	PL.9310	ABC	336 MCM AC	7.42Y	123.7	0.03	1.31	293.72	57	6199	2087	95	0.96	0.0	0.577	0.013	0	0	0	1473
PL.10106	PL.9306	ABC	336 MCM AC	7.42Y	123.6	0.08	1.39	287.70	55	6069	2050	95	2.44	0.0	0.612	0.035	9	2	2	1449
PL.8220	PL.10106	ABC	336 MCM AC	7.41Y	123.5	0.11	1.50	287.28	55	6057	2042	95	3.39	0.1	0.661	0.049	4	1	2	1447
PL.9923	PL.8220	A	#2 ACSR	7.41Y	123.5	0.00	1.50	1.47	1	11	3	96	0.00	0.0	0.665	0.004	0	0	0	3
PD.1793	PL.9923	A	65T	7.41Y	123.5	0.00	1.50	1.47	0	11	3	96	0.00	0.0	0.665	0.004	0	0	0	3
PL.9924	PD.1793	A	#2 ACSR	7.41Y	123.5	0.00	1.50	1.47	1	11	3	96	0.00	0.0	0.722	0.057	11	3	3	3
PL.9656	PL.8220	ABC	336 MCM AC	7.41Y	123.4	0.08	1.57	286.60	55	6039	2031	95	2.33	0.0	0.694	0.034	13	3	5	1442
PL.9657	PL.9656	ABC	336 MCM AC	7.40Y	123.3	0.10	1.67	285.98	55	6023	2022	95	2.93	0.0	0.737	0.043	22	6	5	1437
PL.9644	PL.9657	ABC	336 MCM AC	7.40Y	123.3	0.06	1.74	284.95	55	5998	2009	95	1.97	0.0	0.766	0.029	9	2	1	1432
PL.9915	PL.9644	A	#4 ACSR	7.40Y	123.3	0.00	1.74	2.50	2	18	5	96	0.00	0.0	0.770	0.004	0	0	0	5
PD.1789	PL.9915	A	65T	7.40Y	123.3	0.00	1.74	2.50	0	18	5	96	0.00	0.0	0.770	0.004	0	0	0	5
PL.9916	PD.1789	A	#4 ACSR	7.40Y	123.3	0.00	1.74	2.50	2	18	5	96	0.00	0.0	0.799	0.029	18	5	5	5
PL.9303	PL.9644	ABC	336 MCM AC	7.39Y	123.1	0.16	1.89	283.70	55	5969	1997	95	4.78	0.1	0.836	0.071	17	5	2	1426
PL.9645	PL.9303	ABC	336 MCM AC	7.38Y	123.0	0.13	2.03	275.89	53	5797	1942	95	3.89	0.1	0.897	0.061	6	2	1	1397
PL.9646	PL.9645	ABC	336 MCM AC	7.37Y	122.9	0.09	2.12	275.61	53	5787	1931	95	2.78	0.0	0.941	0.043	0	0	1	1396
PL.9647	PL.9646	ABC	336 MCM AC	7.37Y	122.8	0.10	2.22	275.60	53	5784	1925	95	2.95	0.1	0.987	0.046	13	3	3	1395
PL.9660	PL.9647	ABC	336 MCM AC	7.36Y	122.6	0.16	2.38	275.01	53	5768	1915	95	4.68	0.1	1.061	0.074	13	3	4	1392
PL.9661	PL.9660	ABC	336 MCM AC	7.35Y	122.5	0.09	2.47	274.41	53	5751	1900	95	2.76	0.0	1.104	0.044	13	3	4	1388
PL.9662	PL.9661	ABC	336 MCM AC	7.34Y	122.4	0.13	2.61	273.79	53	5735	1891	95	3.85	0.1	1.165	0.061	12	3	5	1384

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Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9925	PL.9662	C	#4 ACSR	7.34Y	122.4	0.00	2.61	3.65	3	26	7	97	0.00	0.0	1.169	0.004	0	0	0	2
PD.1794	PL.9925	C	65T	7.34Y	122.4	0.00	2.61	3.65	0	26	7	97	0.00	0.0	1.169	0.004	0	0	0	2
PL.9926	PD.1794	C	#4 ACSR	7.34Y	122.4	0.01	2.61	3.65	3	26	7	97	0.00	0.0	1.218	0.049	12	3	1	2
PL.8221	PL.9926	C	#4 ACSR	7.34Y	122.4	0.01	2.63	1.96	2	14	4	96	0.00	0.0	1.538	0.320	14	4	1	1
PL.9887	PL.9662	ABC	336 MCM AC	7.34Y	122.3	0.09	2.69	272.04	52	5693	1872	95	2.60	0.0	1.207	0.042	0	0	0	1377
PL.9888	PL.9887	ABC	336 MCM AC	7.33Y	122.2	0.10	2.79	272.04	52	5691	1866	95	2.78	0.0	1.251	0.045	5	1	2	1377
PL.9806	PL.9888	ABC	336 MCM AC	7.33Y	122.1	0.07	2.86	271.79	52	5683	1858	95	2.15	0.0	1.286	0.035	8	2	1	1375
PL.9663	PL.9806	ABC	336 MCM AC	7.32Y	122.0	0.14	3.01	271.44	52	5673	1851	95	4.21	0.1	1.354	0.068	3	1	2	1374
PL.9664	PL.9663	ABC	336 MCM AC	7.31Y	121.9	0.09	3.10	271.30	52	5666	1840	95	2.61	0.0	1.396	0.042	32	8	6	1372
PL.9665	PL.9664	ABC	336 MCM AC	7.30Y	121.7	0.17	3.27	269.81	52	5632	1826	95	4.90	0.1	1.476	0.080	3	1	2	1366
PL.10109	PL.9665	A	6 A (CWC)	7.30Y	121.7	0.00	3.27	4.85	3	34	9	97	0.00	0.0	1.479	0.003	0	0	0	11
PD.1854	PL.10109	A	65T	7.30Y	121.7	0.00	3.27	4.85	0	34	9	97	0.00	0.0	1.479	0.003	0	0	0	11
PL.10110	PD.1854	A	6 A (CWC)	7.30Y	121.7	0.01	3.28	4.85	3	34	9	97	0.00	0.0	1.549	0.070	5	1	1	11
PL.9666	PL.10110	A	6 A (CWC)	7.30Y	121.7	0.01	3.29	4.20	3	30	8	97	0.00	0.0	1.610	0.061	1	0	1	10
PL.9667	PL.9666	A	6 A (CWC)	7.30Y	121.7	0.01	3.30	4.04	3	29	7	97	0.00	0.0	1.685	0.075	9	2	1	9
PL.9668	PL.9667	A	6 A (CWC)	7.30Y	121.7	0.03	3.33	2.81	2	20	5	97	0.00	0.0	1.914	0.229	4	1	2	8
PL.9927	PL.9668	A	6 A (CWC)	7.30Y	121.7	0.00	3.33	0.01	0	0	0	100	0.00	0.0	1.918	0.004	0	0	0	1
PD.1796	PL.9927	A	20T	7.30Y	121.7	0.00	3.33	0.01	0	0	0	100	0.00	0.0	1.918	0.004	0	0	0	1
PL.9928	PD.1796	A	6 A (CWC)	7.30Y	121.7	0.00	3.33	0.01	0	0	0	100	0.00	0.0	2.171	0.253	0	0	1	1
PL.9304	PL.9668	A	6 A (CWC)	7.30Y	121.7	0.01	3.34	2.20	2	16	4	97	0.00	0.0	2.032	0.118	4	1	2	5
PL.9305	PL.9304	A	6 A (CWC)	7.30Y	121.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	2.267	0.235	0	0	0	0
PL.9670	PL.9305	A	6 A (CWC)	7.30Y	121.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	2.365	0.098	0	0	0	0
PL.8239	PL.9670	A	#1/0 ACSR	7.30Y	121.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	2.434	0.069	0	0	0	0
PL.8225	PL.9304	A	#4 ACSR	7.30Y	121.7	0.00	3.34	0.98	1	7	2	96	0.00	0.0	2.076	0.044	7	2	1	1
PL.8226	PL.9304	A	#4 ACSR	7.30Y	121.7	0.00	3.34	0.61	0	4	1	97	0.00	0.0	2.104	0.073	4	1	2	2
PL.8809	PL.9665	ABC	336 MCM AC	7.29Y	121.4	0.31	3.58	268.05	52	5589	1805	95	8.98	0.2	1.624	0.148	4	1	1	1353
PL.8240	PL.8809	ABC	336 MCM AC	7.28Y	121.3	0.10	3.68	267.86	52	5576	1783	95	3.00	0.1	1.674	0.050	14	4	2	1352
PL.8242	PL.8240	C	#4 ACSR	7.28Y	121.3	0.04	3.72	10.66	8	75	20	97	0.02	0.0	1.760	0.086	1	0	2	28
PL.8243	PL.8242	C	#4 ACSR	7.28Y	121.3	0.00	3.72	1.02	1	7	2	96	0.00	0.0	1.807	0.048	7	2	1	1
PL.8244	PL.8242	C	6 A (CWC)	7.28Y	121.3	0.01	3.73	9.55	7	67	18	97	0.00	0.0	1.781	0.021	0	0	0	25
PL.10101	PL.8244	C	6 A (CWC)	7.28Y	121.3	0.00	3.73	9.55	7	67	18	97	0.00	0.0	1.784	0.003	0	0	0	25

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-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.1851	PL.10101	C	35L	7.28Y	121.3	0.00	3.73	9.55	27	67	18	97	0.00	0.0	1.784	0.003	0	0	0	25
PL.10102	PD.1851	C	6 A (CWC)	7.27Y	121.2	0.03	3.76	9.55	7	67	18	97	0.01	0.0	1.851	0.067	4	1	1	25
PL.8755	PL.10102	C	#4 ACSR	7.27Y	121.2	0.02	3.78	7.49	6	53	14	97	0.01	0.0	1.916	0.065	0	0	0	22
PL.8765	PL.8755	C	6 A (CWC)	7.27Y	121.2	0.00	3.78	0.25	0	2	0	100	0.00	0.0	1.966	0.050	2	0	1	1
PL.9852	PL.8755	C	6 A (CWC)	7.27Y	121.2	0.04	3.82	7.24	5	51	13	97	0.01	0.0	2.039	0.123	5	1	2	21
PL.9853	PL.9852	C	6 A (CWC)	7.27Y	121.2	0.03	3.85	6.51	5	46	12	97	0.01	0.0	2.140	0.102	0	0	0	19
PL.9851	PL.9853	C	6 A (CWC)	7.27Y	121.1	0.03	3.88	6.51	5	46	12	97	0.01	0.0	2.249	0.109	3	1	1	19
PL.8811	PL.9851	C	6 A (CWC)	7.27Y	121.1	0.01	3.89	5.55	4	39	10	97	0.00	0.0	2.299	0.049	0	0	1	16
PL.8762	PL.8811	C	6 A (CWC)	7.27Y	121.1	0.01	3.90	1.76	1	12	3	97	0.00	0.0	2.378	0.079	0	0	1	12
PL.8761	PL.8762	C	6 A (CWC)	7.27Y	121.1	0.01	3.91	1.70	1	12	3	97	0.00	0.0	2.497	0.119	0	0	0	11
PL.8756	PL.8761	C	6 A (CWC)	7.27Y	121.1	0.00	3.91	0.02	0	0	0	100	0.00	0.0	2.534	0.037	0	0	1	1
PL.9282	PL.8756	C	#4 ACSR	7.27Y	121.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	2.593	0.059	0	0	0	0
PL.9847	PL.9282	C	#4 ACSR	7.27Y	121.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	2.615	0.022	0	0	0	0
PL.9848	PL.9847	C	#4 ACSR	7.27Y	121.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	2.633	0.018	0	0	0	0
PL.9227	PL.8761	C	6 A (CWC)	7.27Y	121.1	0.00	3.91	0.24	0	2	0	100	0.00	0.0	2.569	0.073	2	0	1	1
PL.9845	PL.8761	C	6 A (CWC)	7.27Y	121.1	0.01	3.91	1.43	1	10	3	96	0.00	0.0	2.623	0.126	5	1	4	9
PL.9846	PL.9845	C	6 A (CWC)	7.27Y	121.1	0.00	3.92	0.74	1	5	1	98	0.00	0.0	2.694	0.072	2	1	1	5
PL.9844	PL.9846	C	6 A (CWC)	7.27Y	121.1	0.00	3.92	0.42	0	3	1	95	0.00	0.0	2.750	0.056	2	1	2	4
PL.8764	PL.9844	C	#2 ACSR	7.27Y	121.1	0.00	3.92	0.12	0	1	0	100	0.00	0.0	2.851	0.101	0	0	1	2
PL.9843	PL.8764	C	#2 ACSR	7.27Y	121.1	0.00	3.92	0.10	0	1	0	100	0.00	0.0	2.919	0.067	1	0	1	1
PL.9849	PL.8811	C	#4 ACSR	7.27Y	121.1	0.01	3.90	3.78	3	27	7	97	0.00	0.0	2.350	0.051	12	3	2	3
PL.9850	PL.9849	C	#4 ACSR	7.27Y	121.1	0.00	3.90	2.04	2	14	4	96	0.00	0.0	2.384	0.035	14	4	1	1
PL.8758	PL.9851	C	#4 ACSR	7.27Y	121.1	0.00	3.88	0.48	0	3	1	95	0.00	0.0	2.297	0.048	3	1	2	2
PL.8759	PL.9851	C	#1/0 ACSR	7.27Y	121.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	2.277	0.028	0	0	0	0
PL.8760	PL.8759	C	#1/0 ACSR	7.27Y	121.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	2.289	0.012	0	0	0	0
PL.8757	PL.10102	C	#2 ACSR	7.27Y	121.2	0.00	3.76	1.43	1	10	3	96	0.00	0.0	1.927	0.076	10	3	2	2
PL.8810	PL.8240	ABC	336 MCM AC	7.28Y	121.3	0.04	3.72	263.66	51	5485	1752	95	1.03	0.0	1.692	0.018	0	0	0	1322
PL.9297	PL.8810	ABC	336 MCM AC	7.28Y	121.3	0.01	3.72	263.41	51	5478	1748	95	0.27	0.0	1.696	0.005	0	0	0	1320
PL.9298	PL.9297	ABC	336 MCM AC	7.27Y	121.1	0.17	3.90	263.41	51	5478	1748	95	4.94	0.1	1.781	0.084	0	0	0	1320
PL.8245	PL.9298	C	#2 ACSR	7.27Y	121.1	0.00	3.90	5.25	3	37	10	97	0.00	0.0	1.785	0.004	0	0	0	12
PD.1822	PL.8245	C	65T	7.27Y	121.1	0.00	3.90	5.25	0	37	10	97	0.00	0.0	1.785	0.004	0	0	0	12

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8431	PD.1822	C	#4 ACSR	7.27Y	121.1	0.00	3.90	1.58	1	11	3	96	0.00	0.0	1.838	0.053	7	2	2	7
PL.8247	PL.8431	C	#4 ACSR	7.27Y	121.1	0.00	3.90	0.00	0	0	0	100	0.00	0.0	1.863	0.025	0	0	0	0
PL.8248	PL.8431	C	#2 ACSR	7.27Y	121.1	0.00	3.90	0.63	0	4	1	97	0.00	0.0	1.876	0.039	4	1	5	5
PL.9293	PD.1822	C	#4 ACSR	7.27Y	121.1	0.00	3.90	3.66	3	26	7	97	0.00	0.0	1.789	0.004	0	0	0	5
PL.9295	PL.9293	C	#4 ACSR	7.27Y	121.1	0.00	3.90	1.34	1	9	2	98	0.00	0.0	1.794	0.005	0	0	0	2
PL.8415	PL.9295	C	#4 ACSR	7.27Y	121.1	0.00	3.90	1.34	1	9	2	98	0.00	0.0	1.807	0.013	0	0	0	2
PL.8251	PL.8415	C	#4 ACSR	7.27Y	121.1	0.00	3.90	1.34	1	9	2	98	0.00	0.0	1.842	0.035	9	2	2	2
PL.8246	PL.9293	C	#2 ACSR	7.27Y	121.1	0.01	3.90	2.33	1	16	4	97	0.00	0.0	1.866	0.077	0	0	0	3
PL.8253	PL.8246	C	#2 ACSR	7.27Y	121.1	0.00	3.91	2.33	1	16	4	97	0.00	0.0	1.917	0.051	16	4	3	3
PL.8812	PL.9298	ABC	336 MCM AC	7.25Y	120.9	0.23	4.13	261.66	50	5436	1727	95	6.65	0.1	1.896	0.115	1	0	1	1308
PL.9979	PL.8812	C	#2 ACSR	7.25Y	120.9	0.00	4.13	0.63	0	4	1	97	0.00	0.0	1.900	0.004	0	0	0	1
PD.1823	PL.9979	C	65T	7.25Y	120.9	0.00	4.13	0.63	0	4	1	97	0.00	0.0	1.900	0.004	0	0	0	1
PL.9980	PD.1823	C	#2 ACSR	7.25Y	120.9	0.00	4.13	0.63	0	4	1	97	0.00	0.0	1.976	0.076	4	1	1	1
PL.8813	PL.8812	ABC	336 MCM AC	7.25Y	120.8	0.09	4.22	261.40	50	5424	1710	95	2.50	0.0	1.939	0.043	0	0	1	1306
PL.9636	PL.8813	ABC	336 MCM AC	7.24Y	120.6	0.13	4.35	261.40	50	5421	1704	95	3.82	0.1	2.006	0.066	7	2	1	1305
PL.10168	PL.9636	A	#1/0 ACSR	7.24Y	120.6	0.00	4.35	0.98	0	7	2	96	0.00	0.0	2.008	0.003	0	0	0	1
PD.1880	PL.10168	A	15T	7.24Y	120.6	0.00	4.35	0.98	0	7	2	96	0.00	0.0	2.008	0.003	0	0	0	1
PL.10169	PD.1880	A	#1/0 ACSR	7.24Y	120.6	0.00	4.35	0.98	0	7	2	96	0.00	0.0	2.063	0.055	7	2	1	1
PL.9637	PL.9636	ABC	336 MCM AC	7.23Y	120.5	0.12	4.48	260.74	50	5404	1691	95	3.54	0.1	2.068	0.062	10	3	1	1303
PL.8814	PL.9637	ABC	336 MCM AC	7.22Y	120.4	0.12	4.60	259.68	50	5378	1677	95	3.33	0.1	2.126	0.059	0	0	0	1299
PL.9638	PL.8814	ABC	336 MCM AC	7.22Y	120.3	0.07	4.67	258.87	50	5358	1665	95	2.06	0.0	2.163	0.036	4	1	1	1297
PL.9639	PL.9638	ABC	336 MCM AC	7.21Y	120.2	0.11	4.78	258.67	50	5351	1659	96	3.19	0.1	2.219	0.057	0	0	0	1296
PL.9641	PL.9639	ABC	336 MCM AC	7.21Y	120.2	0.05	4.83	256.79	49	5309	1641	96	1.33	0.0	2.243	0.024	2	0	1	1278
PL.9642	PL.9641	ABC	336 MCM AC	7.20Y	120.1	0.11	4.94	256.70	49	5306	1638	96	3.19	0.1	2.301	0.058	8	2	3	1277
PL.9640	PL.9642	ABC	336 MCM AC	7.19Y	119.8	0.21	5.15	256.33	49	5295	1628	96	5.94	0.1	2.408	0.107	0	0	0	1274
PL.8255	PL.9640	ABC	336 MCM AC	7.18Y	119.7	0.10	5.26	255.69	49	5275	1611	96	2.93	0.1	2.461	0.053	1	0	1	1271
PL.8815	PL.8255	ABC	336 MCM AC	7.18Y	119.7	0.07	5.32	255.27	49	5264	1602	96	1.83	0.0	2.495	0.033	5	1	2	1268
PL.9286	PL.8815	ABC	#1/0 ACSR	7.18Y	119.6	0.07	5.39	90.53	39	1872	546	96	0.93	0.0	2.538	0.043	0	0	0	450
PL.9287	PL.9286	ABC	#1/0 ACSR	7.18Y	119.6	0.00	5.39	90.53	39	1871	545	96	0.03	0.0	2.539	0.001	0	0	0	450
PD.1860	PL.9287	ABC	2004C	7.18Y	119.6	0.00	5.39	90.53	0	1871	545	96	0.00	0.0	2.539	0.001	0	0	0	450
PL.8417	PD.1860	ABC	#1/0 ACSR	7.18Y	119.6	0.00	5.40	90.53	39	1871	545	96	0.03	0.0	2.540	0.001	9	2	1	450

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
PL.8419	PL.8417	ABC	#1/0 ACSR	7.17Y	119.5	0.12	5.52	90.10	39	1862	543	96	1.59	0.1	2.614	0.074	1	0	1	449	
PL.10003	PL.8419	ABC	#1/0 ACSR	7.17Y	119.5	0.01	5.52	89.44	39	1847	538	96	0.08	0.0	2.618	0.004	0	0	0	443	
PL.10004	PL.10003	ABC	#1/0 ACSR	7.15Y	119.2	0.26	5.79	89.44	39	1847	538	96	3.45	0.2	2.780	0.162	2	1	1	443	
PL.9534	PL.10004	ABC	#1/0 ACSR	7.14Y	119.1	0.15	5.93	89.34	39	1841	534	96	1.93	0.1	2.871	0.091	3	1	2	442	
PL.9290	PL.9534	ABC	#1/0 ACSR	7.13Y	118.9	0.16	6.10	89.09	39	1834	531	96	2.14	0.1	2.972	0.101	0	0	0	438	
PL.8368	PL.9290	C	#1/0 ACSR	7.13Y	118.9	0.00	6.10	0.38	0	3	1	95	0.00	0.0	2.976	0.004	0	0	0	1	
PD.1766	PL.8368	C	40T	7.13Y	118.9	0.00	6.10	0.38	0	3	1	95	0.00	0.0	2.976	0.004	0	0	0	1	
PL.8369	PD.1766	C	#1/0 ACSR	7.13Y	118.9	0.00	6.10	0.38	0	3	1	95	0.00	0.0	3.016	0.041	3	1	1	1	
PL.9291	PL.9290	ABC	#1/0 ACSR	7.13Y	118.8	0.08	6.18	88.97	39	1829	528	96	1.02	0.1	3.020	0.048	0	0	0	437	
PL.9292	PL.9291	ABC	#1/0 ACSR	7.13Y	118.8	0.00	6.18	88.97	39	1828	527	96	0.01	0.0	3.021	0.001	0	0	0	437	
RG.14	PL.9292	ABC	114.3 KVA	7.46Y	124.3	-5.44	0.74	88.97	59	1828	527	96	percent Boost= 4.38 Tap= 7.0							437	
PL.8820	RG.14	ABC	#1/0 ACSR	7.44Y	124.0	0.29	1.03	85.07	37	1828	527	96	3.59	0.2	3.207	0.186	0	0	0	437	
PL.8821	PL.8820	ABC	#1/0 ACSR	7.42Y	123.6	0.38	1.41	85.07	37	1825	524	96	4.75	0.3	3.453	0.246	0	0	0	437	
PL.10096	PL.8821	ABC	#1/0 ACSR	7.41Y	123.5	0.08	1.49	71.83	31	1535	443	96	0.88	0.1	3.518	0.064	3	1	1	362	
PL.8311	PL.10096	ABC	#1/0 ACSR	7.40Y	123.4	0.10	1.59	71.68	31	1531	442	96	1.04	0.1	3.594	0.076	0	0	0	361	
PL.8659	PL.8311	A	#1/0 ACSR	7.40Y	123.4	0.00	1.59	0.66	0	5	1	98	0.00	0.0	3.598	0.005	0	0	0	1	
PD.1762	PL.8659	A	40T	7.40Y	123.4	0.00	1.59	0.66	0	5	1	98	0.00	0.0	3.598	0.005	0	0	0	1	
PL.8660	PD.1762	A	#1/0 ACSR	7.40Y	123.4	0.00	1.59	0.66	0	5	1	98	0.00	0.0	3.618	0.020	5	1	1	1	
PL.8822	PL.8311	ABC	#1/0 ACSR	7.39Y	123.1	0.28	1.87	71.46	31	1525	439	96	2.91	0.2	3.808	0.214	2	1	1	360	
PL.9536	PL.8822	ABC	#1/0 ACSR	7.37Y	122.8	0.32	2.19	71.34	31	1520	436	96	3.38	0.2	4.058	0.251	8	2	2	359	
PL.10220	PL.9536	ABC	#1/0 ACSR	7.36Y	122.7	0.14	2.33	64.30	28	1366	393	96	1.36	0.1	4.182	0.123	0	0	1	335	
PL.10221	PL.10220	ABC	#1/0 ACSR	7.35Y	122.5	0.21	2.54	64.29	28	1364	392	96	1.98	0.1	4.362	0.180	0	0	0	334	
P PL.8655	PL.10221	C	#1/0 ACSR	7.35Y	122.5	0.00	2.54	-0.04	0	0	0	100	0.00	0.0	4.367	0.005	0	0	0	0	P
PD.1760	PL.8655	C	40T	7.35Y	122.5	0.00	2.54	-0.04	0	0	0	100	0.00	0.0	4.367	0.005	0	0	0	0	
P PL.8656	PD.1760	C	#1/0 ACSR	7.35Y	122.5	-0.00	2.54	-0.04	0	0	0	100	0.00	0.0	4.540	0.173	0	0	0	0	P
P PL.8657	PL.8656	C	1/0 AL URD	7.35Y	122.5	-0.00	2.54	-0.04	0	0	0	100	0.00	0.0	4.545	0.005	0	0	0	0	P
PD.1761	PL.8657	C	25T	7.35Y	122.5	0.00	2.54	-0.04	0	0	0	100	0.00	0.0	4.545	0.005	0	0	0	0	
P PL.8658	PD.1761	C	1/0 AL URD	7.35Y	122.5	-0.00	2.54	-0.04	0	0	0	100	0.00	0.0	4.624	0.080	0	0	0	0	P
PL.8824	PL.10221	ABC	#1/0 ACSR	7.33Y	122.2	0.29	2.84	64.15	28	1359	389	96	2.78	0.2	4.615	0.253	0	0	0	333	
PL.8825	PL.8824	ABC	#1/0 ACSR	7.31Y	121.8	0.33	3.17	59.14	26	1250	359	96	2.84	0.2	4.921	0.306	3	1	3	312	
PL.9054	PL.8825	A	#4 ACSR	7.31Y	121.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	4.926	0.005	0	0	0	0	

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.1737	PL.9054	A	40T	7.31Y	121.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	4.926	0.005	0	0	0	0
PL.9055	PD.1737	A	#4 ACSR	7.31Y	121.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	5.102	0.176	0	0	0	0
PL.9058	PL.8825	C	6 A (CWC)	7.31Y	121.8	0.02	3.18	7.70	6	54	14	97	0.01	0.0	4.968	0.047	0	0	0	20
PD.1739	PL.9058	C	40T	7.31Y	121.8	0.00	3.18	7.70	0	54	14	97	0.00	0.0	4.968	0.047	0	0	0	20
PL.9059	PD.1739	C	6 A (CWC)	7.31Y	121.8	0.02	3.20	7.70	6	54	14	97	0.01	0.0	5.016	0.048	8	2	4	20
PL.9456	PL.9059	C	6 A (CWC)	7.31Y	121.8	0.02	3.22	6.55	5	46	12	97	0.01	0.0	5.093	0.077	0	0	0	16
PL.8346	PL.9456	C	#4 ACSR	7.31Y	121.8	0.00	3.22	1.09	1	8	2	97	0.00	0.0	5.128	0.035	8	2	1	1
PL.9457	PL.9456	C	6 A (CWC)	7.31Y	121.8	0.02	3.24	4.77	3	34	9	97	0.00	0.0	5.172	0.079	8	2	1	13
PL.21307	PL.9457	C	6 A (CWC)	7.30Y	121.7	0.02	3.25	3.63	3	26	7	97	0.00	0.0	5.282	0.110	0	0	0	12
PL.21308	PL.21307	C	6 A (CWC)	7.30Y	121.7	0.01	3.26	3.34	2	24	6	97	0.00	0.0	5.344	0.062	8	2	2	11
PL.9471	PL.21308	C	6 A (CWC)	7.30Y	121.7	0.01	3.27	2.26	2	16	4	97	0.00	0.0	5.419	0.075	1	0	1	9
PL.8348	PL.9471	C	#1/0 ACSR	7.30Y	121.7	0.00	3.27	0.39	0	3	1	95	0.00	0.0	5.461	0.042	3	1	1	1
PL.8828	PL.9471	C	6 A (CWC)	7.30Y	121.7	0.01	3.28	1.80	1	13	3	97	0.00	0.0	5.493	0.074	0	0	0	7
PL.8349	PL.8828	C	6 A (CWC)	7.30Y	121.7	0.00	3.28	0.60	0	4	1	97	0.00	0.0	5.549	0.055	3	1	2	3
PL.8350	PL.8349	C	#1/0 ACSR	7.30Y	121.7	0.00	3.28	0.22	0	2	0	100	0.00	0.0	5.611	0.062	2	0	1	1
PL.9437	PL.8828	C	6 A (CWC)	7.30Y	121.7	0.01	3.28	1.20	1	8	2	97	0.00	0.0	5.601	0.108	2	0	1	4
PL.9438	PL.9437	C	6 A (CWC)	7.30Y	121.7	0.00	3.29	0.97	1	7	2	96	0.00	0.0	5.706	0.105	0	0	0	3
PL.8352	PL.9438	C	#1/0 ACSR	7.30Y	121.7	0.00	3.29	0.32	0	2	1	89	0.00	0.0	5.921	0.216	2	1	1	1
PL.8829	PL.9438	C	6 A (CWC)	7.30Y	121.7	0.00	3.29	0.65	0	5	1	98	0.00	0.0	5.845	0.139	5	1	1	2
PL.9463	PL.8829	C	6 A (CWC)	7.30Y	121.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	6.047	0.202	0	0	1	1
PL.21306	PL.21307	C	#1/0 ACSR	7.30Y	121.7	0.00	3.25	0.29	0	2	1	89	0.00	0.0	5.387	0.105	2	1	1	1
PL.8347	PL.9456	C	#4 ACSR	7.31Y	121.8	0.00	3.22	0.69	1	5	1	98	0.00	0.0	5.147	0.054	5	1	2	2
PL.8827	PL.8825	ABC	#1/0 ACSR	7.30Y	121.7	0.10	3.27	56.44	25	1190	341	96	0.83	0.1	5.019	0.097	0	0	0	289
PL.8830	PL.8827	ABC	#1/0 ACSR	7.30Y	121.7	0.08	3.35	56.41	25	1188	340	96	0.67	0.1	5.098	0.080	0	0	0	288
PL.10015	PL.8830	C	#4 ACSR	7.30Y	121.7	0.00	3.35	1.27	1	9	2	98	0.00	0.0	5.103	0.005	0	0	0	1
PD.1638	PL.10015	C	40T	7.30Y	121.7	0.00	3.35	1.27	0	9	2	98	0.00	0.0	5.103	0.005	0	0	0	1
PL.10016	PD.1638	C	#4 ACSR	7.30Y	121.7	0.00	3.35	1.27	1	9	2	98	0.00	0.0	5.173	0.070	9	2	1	1
PL.9459	PL.8830	ABC	#1/0 ACSR	7.30Y	121.6	0.05	3.40	55.80	24	1175	336	96	0.43	0.0	5.151	0.052	1	0	2	286
PL.9460	PL.9459	ABC	#1/0 ACSR	7.26Y	121.1	0.53	3.93	55.74	24	1173	335	96	4.35	0.4	5.677	0.526	0	0	0	284
PL.10075	PL.9460	C	#1/0 ACSR	7.26Y	121.1	0.00	3.93	0.08	0	1	0	100	0.00	0.0	5.681	0.005	0	0	0	1
PD.1668	PL.10075	C	40T	7.26Y	121.1	0.00	3.93	0.08	0	1	0	100	0.00	0.0	5.681	0.005	0	0	0	1

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.10076	PD.1668	C	#1/0 ACSR	7.26Y	121.1	0.00	3.93	0.08	0	1	0	100	0.00	0.0	5.720	0.038	1	0	1	1
PL.9231	PL.9460	ABC	#1/0 ACSR	7.26Y	121.0	0.10	4.04	55.71	24	1168	331	96	0.86	0.1	5.780	0.104	0	0	0	283
PL.9232	PL.9231	ABC	#1/0 ACSR	7.26Y	120.9	0.04	4.07	54.22	24	1136	322	96	0.29	0.0	5.818	0.038	0	0	0	280
PL.9311	PL.9232	ABC	#1/0 ACSR	7.25Y	120.9	0.05	4.13	54.22	24	1135	322	96	0.43	0.0	5.873	0.055	4	1	3	280
PL.9312	PL.9311	ABC	#1/0 ACSR	7.25Y	120.8	0.09	4.22	52.97	23	1109	314	96	0.70	0.1	5.968	0.094	2	1	2	270
PL.10025	PL.9312	A	#2 ACSR	7.25Y	120.8	0.00	4.22	0.73	0	5	1	98	0.00	0.0	5.972	0.004	0	0	0	3
PD.1643	PL.10025	A	40T	7.25Y	120.8	0.00	4.22	0.73	0	5	1	98	0.00	0.0	5.972	0.004	0	0	0	3
PL.10026	PD.1643	A	#2 ACSR	7.25Y	120.8	0.00	4.22	0.73	0	5	1	98	0.00	0.0	6.016	0.044	3	1	2	3
PL.9461	PL.10026	A	#2 ACSR	7.25Y	120.8	0.00	4.22	0.34	0	2	1	89	0.00	0.0	6.041	0.025	0	0	0	1
PL.8491	PL.9461	A	#2 ACSR	7.25Y	120.8	0.00	4.22	0.34	0	2	1	89	0.00	0.0	6.078	0.037	2	1	1	1
PL.8832	PL.9312	ABC	#1/0 ACSR	7.24Y	120.7	0.08	4.30	52.62	23	1101	312	96	0.61	0.1	6.051	0.083	0	0	0	265
PL.10027	PL.8832	A	6 A (CWC)	7.24Y	120.7	0.00	4.30	0.41	0	3	1	95	0.00	0.0	6.055	0.004	0	0	0	1
PD.1644	PL.10027	A	40T	7.24Y	120.7	0.00	4.30	0.41	0	3	1	95	0.00	0.0	6.055	0.004	0	0	0	1
PL.10028	PD.1644	A	6 A (CWC)	7.24Y	120.7	0.00	4.30	0.41	0	3	1	95	0.00	0.0	6.108	0.053	3	1	1	1
PL.9464	PL.8832	ABC	#1/0 ACSR	7.24Y	120.6	0.06	4.36	52.48	23	1097	310	96	0.48	0.0	6.116	0.066	6	2	1	264
PL.9465	PL.9464	ABC	#1/0 ACSR	7.23Y	120.5	0.19	4.55	52.18	23	1090	308	96	1.47	0.1	6.319	0.202	0	0	0	263
PL.9062	PL.9465	C	#4 ACSR	7.23Y	120.5	0.00	4.55	1.39	1	10	3	96	0.00	0.0	6.323	0.005	0	0	0	1
PD.1742	PL.9062	C	40T	7.23Y	120.5	0.00	4.55	1.39	0	10	3	96	0.00	0.0	6.323	0.005	0	0	0	1
PL.9063	PD.1742	C	#4 ACSR	7.23Y	120.4	0.00	4.55	1.39	1	10	3	96	0.00	0.0	6.375	0.051	10	3	1	1
PL.8833	PL.9465	ABC	#1/0 ACSR	7.21Y	120.1	0.32	4.87	51.71	22	1079	304	96	2.41	0.2	6.657	0.338	0	0	0	262
PL.8834	PL.8833	ABC	#1/0 ACSR	7.20Y	120.0	0.15	5.02	51.57	22	1074	301	96	1.14	0.1	6.819	0.162	1	0	1	261
PL.9064	PL.8834	A	#2 ACSR	7.20Y	120.0	0.00	5.02	0.61	0	4	1	97	0.00	0.0	6.823	0.004	0	0	0	5
PD.1743	PL.9064	A	40T	7.20Y	120.0	0.00	5.02	0.61	0	4	1	97	0.00	0.0	6.823	0.004	0	0	0	5
PL.9065	PD.1743	A	#2 ACSR	7.20Y	120.0	0.01	5.02	0.61	0	4	1	97	0.00	0.0	7.254	0.432	1	0	2	5
PL.9322	PL.9065	A	#2 ACSR	7.20Y	120.0	0.00	5.02	0.03	0	0	0	100	0.00	0.0	7.271	0.016	0	0	2	2
PL.8539	PL.9065	A	#1/0 ACSR	7.20Y	120.0	0.00	5.02	0.45	0	3	1	95	0.00	0.0	7.301	0.047	3	1	1	1
PL.8835	PL.8834	ABC	#1/0 ACSR	7.19Y	119.8	0.15	5.16	51.33	22	1068	299	96	1.10	0.1	6.975	0.157	0	0	0	255
PL.9468	PL.8835	ABC	#1/0 ACSR	7.18Y	119.7	0.17	5.33	51.08	22	1061	296	96	1.24	0.1	7.156	0.181	16	4	2	254
PL.9469	PL.9468	ABC	#1/0 ACSR	7.18Y	119.6	0.08	5.41	50.32	22	1044	291	96	0.59	0.1	7.244	0.088	0	0	0	252
PL.8493	PL.9469	ABC	#1/0 ACSR	7.17Y	119.4	0.17	5.58	49.31	21	1023	285	96	1.25	0.1	7.440	0.195	10	3	1	248
PL.9038	PL.8493	C	6 A (CWC)	7.17Y	119.4	0.00	5.58	1.38	1	10	3	96	0.00	0.0	7.444	0.005	0	0	0	1

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Balanced Voltage Drop Report
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Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

	Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
	PD.1727	PL.9038	C	40T	7.17Y	119.4	0.00	5.58	1.38	0	10	3	96	0.00	0.0	7.444	0.005	0	0	0	1	
	PL.9039	PD.1727	C	6 A (CWC)	7.17Y	119.4	0.00	5.58	1.38	1	10	3	96	0.00	0.0	7.524	0.079	10	3	1	1	
	PL.8838	PL.8493	ABC	#1/0 ACSR	7.16Y	119.3	0.07	5.65	48.36	21	1001	279	96	0.51	0.1	7.522	0.082	1	0	1	246	
	PL.8839	PL.8838	ABC	#1/0 ACSR	7.16Y	119.3	0.08	5.74	48.03	21	994	276	96	0.59	0.1	7.618	0.096	0	0	0	244	
	PL.10033	PL.8839	C	#1/0 ACSR	7.16Y	119.3	0.00	5.74	0.00	0	0	0	100	0.00	0.0	7.622	0.005	0	0	0	0	
	PD.1647	PL.10033	C	40T	7.16Y	119.3	0.00	5.74	0.00	0	0	0	100	0.00	0.0	7.622	0.005	0	0	0	0	
	PL.10034	PD.1647	C	#1/0 ACSR	7.16Y	119.3	0.00	5.74	0.00	0	0	0	100	0.00	0.0	7.839	0.217	0	0	0	0	
	PL.8840	PL.8839	ABC	#1/0 ACSR	7.15Y	119.2	0.11	5.85	48.03	21	994	276	96	0.79	0.1	7.747	0.129	9	2	1	244	
	PL.9403	PL.8840	ABC	#1/0 ACSR	7.15Y	119.1	0.01	5.86	41.79	18	863	241	96	0.09	0.0	7.766	0.020	0	0	0	189	
	PL.9404	PL.9403	ABC	#1/0 ACSR	7.15Y	119.1	0.05	5.91	41.79	18	863	241	96	0.31	0.0	7.832	0.066	3	1	2	189	
	PL.9405	PL.9404	ABC	#1/0 ACSR	7.14Y	119.0	0.05	5.96	41.65	18	860	240	96	0.31	0.0	7.900	0.068	5	1	2	187	
	PL.9812	PL.9405	ABC	#1/0 ACSR	7.14Y	118.9	0.12	6.08	41.41	18	855	238	96	0.72	0.1	8.058	0.158	1	0	1	185	
	PL.9813	PL.9812	ABC	#1/0 ACSR	7.13Y	118.9	0.06	6.14	41.36	18	853	237	96	0.37	0.0	8.139	0.081	10	3	2	184	
	PL.10093	PL.9813	B	6 A (CWC)	7.12Y	118.7	0.11	6.25	37.22	27	256	70	96	0.22	0.1	8.204	0.065	0	0	0	61	
	PD.1847	PL.10093	B	50H	7.12Y	118.7	0.00	6.25	37.22	74	256	69	97	0.00	0.0	8.204	0.065	0	0	0	61	
	PL.10094	PD.1847	B	6 A (CWC)	7.11Y	118.6	0.20	6.45	37.22	27	256	69	97	0.40	0.2	8.321	0.117	0	0	0	61	
	PL.9429	PL.10094	B	6 A (CWC)	7.11Y	118.5	0.05	6.50	37.22	27	256	69	97	0.10	0.0	8.351	0.030	3	1	1	61	
	PL.9430	PL.9429	B	6 A (CWC)	7.10Y	118.4	0.11	6.61	36.75	26	252	68	97	0.22	0.1	8.418	0.068	0	0	0	60	
L	PL.9431	PL.9430	B	6 A (CWC)	7.00Y	116.7	1.69	8.30	36.75	26	252	68	97	3.31	1.3	9.426	1.008	0	0	0	60	L
L	PL.8846	PL.9431	B	6 A (CWC)	7.00Y	116.6	0.09	8.40	34.06	24	231	61	97	0.17	0.1	9.487	0.061	0	0	0	57	L
L	PL.8517	PL.8846	B	#4 ACSR	7.00Y	116.6	0.00	8.40	0.90	1	6	2	95	0.00	0.0	9.510	0.023	6	2	2	2	L
L	PL.9327	PL.8846	B	6 A (CWC)	6.99Y	116.5	0.08	8.48	33.17	24	224	60	97	0.14	0.1	9.540	0.053	6	2	1	55	L
L	PL.9328	PL.9327	B	6 A (CWC)	6.96Y	116.1	0.47	8.95	29.50	21	199	53	97	0.72	0.4	9.896	0.356	9	2	1	51	L
L	PL.9815	PL.9328	B	6 A (CWC)	6.96Y	115.9	0.11	9.05	28.15	20	189	50	97	0.16	0.1	9.981	0.085	0	0	0	50	L
L	PL.8849	PL.9815	B	6 A (CWC)	6.95Y	115.8	0.13	9.19	26.37	19	177	47	97	0.19	0.1	10.096	0.115	8	2	1	44	L
L	PL.33076	PL.8849	B	6 A (CWC)	6.94Y	115.6	0.22	9.41	25.17	18	169	45	97	0.29	0.2	10.287	0.191	0	0	0	43	L
L	PD.4893	PL.33076	B	30T	6.94Y	115.6	0.00	9.41	25.17	0	169	45	97	0.00	0.0	10.287	0.191	0	0	0	43	L
L	PL.33077	PD.4893	B	6 A (CWC)	6.93Y	115.5	0.10	9.51	25.17	18	169	45	97	0.14	0.1	10.376	0.089	0	0	0	43	L
L	PL.8524	PL.33077	B	#4 ACSR	6.93Y	115.5	0.04	9.55	25.17	19	169	44	97	0.05	0.0	10.410	0.034	8	2	2	43	L
L	PL.8564	PL.8524	B	6 A (CWC)	6.91Y	115.2	0.22	9.77	24.01	17	161	42	97	0.28	0.2	10.610	0.200	0	0	1	41	L
L	PL.8525	PL.8564	B	#1/0 ACSR	6.91Y	115.2	0.00	9.77	1.32	1	9	2	98	0.00	0.0	10.651	0.041	9	2	2	2	L

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Balanced Voltage Drop Report
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Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.8850	PL.8564	B	6 A (CWC)	6.91Y	115.2	0.04	9.81	22.65	16	151	40	97	0.05	0.0	10.649	0.039	0	0	0	38	L
L PL.8526	PL.8850	B	#4 ACSR	6.91Y	115.2	0.01	9.82	5.67	4	38	10	97	0.00	0.0	10.699	0.051	1	0	1	6	L
L PL.8852	PL.8526	B	#4 ACSR	6.91Y	115.2	0.00	9.82	1.29	1	9	2	98	0.00	0.0	10.811	0.112	9	2	2	2	L
L PL.66253	PL.8526	B	#4 ACSR	6.91Y	115.2	0.01	9.83	4.29	3	29	8	96	0.00	0.0	10.748	0.049	0	0	0	3	L
L PL.66252	PL.66253	B	#1/0 ACSR	6.91Y	115.2	0.00	9.83	0.93	0	6	2	95	0.00	0.0	10.789	0.041	0	0	0	1	L
L PL.66255	PL.66252	B	#1/0 ACSR	6.91Y	115.2	0.00	9.83	0.93	0	6	2	95	0.00	0.0	10.838	0.049	6	2	1	1	L
L PL.66254	PL.66253	B	#4 ACSR	6.91Y	115.2	0.00	9.83	3.37	3	23	6	97	0.00	0.0	10.777	0.029	23	6	2	2	L
L PL.8851	PL.8850	B	6 A (CWC)	6.91Y	115.1	0.09	9.90	16.98	12	114	30	97	0.08	0.1	10.763	0.115	0	0	0	32	L
L PL.8853	PL.8851	B	6 A (CWC)	6.90Y	115.0	0.06	9.95	16.98	12	113	30	97	0.05	0.0	10.836	0.073	0	0	0	32	L
L PL.8565	PL.8853	B	#4 ACSR	6.90Y	115.0	0.00	9.95	0.06	0	0	0	100	0.00	0.0	10.876	0.040	0	0	1	1	L
L PL.9334	PL.8853	B	6 A (CWC)	6.90Y	115.0	0.08	10.03	16.92	12	113	30	97	0.07	0.1	10.934	0.098	1	0	1	31	L
L PL.9335	PL.9334	B	6 A (CWC)	6.90Y	114.9	0.02	10.05	16.73	12	112	29	97	0.02	0.0	10.964	0.030	0	0	0	30	L
L PL.9862	PL.9335	B	6 A (CWC)	6.90Y	114.9	0.00	10.05	7.29	5	49	13	97	0.00	0.0	10.969	0.005	0	0	0	10	L
L PD.1718	PL.9862	B	20T	6.90Y	114.9	0.00	10.05	7.29	0	49	13	97	0.00	0.0	10.969	0.005	0	0	0	10	L
L PL.9863	PD.1718	B	6 A (CWC)	6.89Y	114.9	0.10	10.15	7.29	5	49	13	97	0.04	0.1	11.259	0.290	0	0	0	10	L
L PL.8528	PL.9863	B	#4 ACSR	6.89Y	114.9	0.00	10.15	0.87	1	6	2	95	0.00	0.0	11.314	0.055	6	2	1	1	L
L PL.8856	PL.9863	B	6 A (CWC)	6.89Y	114.8	0.04	10.19	6.41	5	43	11	97	0.01	0.0	11.391	0.132	0	0	0	9	L
L PL.9864	PL.8856	B	#2 ACSR	6.89Y	114.8	0.00	10.19	6.17	4	41	11	97	0.00	0.0	11.395	0.004	0	0	0	8	L
L PD.1719	PL.9864	B	12T	6.89Y	114.8	0.00	10.19	6.17	0	41	11	97	0.00	0.0	11.395	0.004	0	0	0	8	L
L PL.9865	PD.1719	B	#2 ACSR	6.89Y	114.8	0.01	10.20	6.17	4	41	11	97	0.00	0.0	11.473	0.078	9	2	1	8	L
L PL.9338	PL.9865	B	#2 ACSR	6.89Y	114.8	0.02	10.22	4.79	3	32	8	97	0.01	0.0	11.634	0.161	0	0	0	7	L
L PL.9333	PL.9338	B	#2 ACSR	6.89Y	114.8	0.01	10.24	4.79	3	32	8	97	0.00	0.0	11.716	0.082	11	3	2	7	L
L PL.8566	PL.9333	B	6 A (CWC)	6.89Y	114.8	0.01	10.24	3.21	2	21	6	96	0.00	0.0	11.757	0.041	0	0	0	5	L
L PL.8529	PL.8566	B	#4 ACSR	6.89Y	114.8	0.00	10.24	1.26	1	8	2	97	0.00	0.0	11.842	0.085	8	2	1	1	L
L PL.8855	PL.8566	B	6 A (CWC)	6.89Y	114.8	0.01	10.25	1.94	1	13	3	97	0.00	0.0	11.870	0.113	10	3	2	4	L
L PL.8567	PL.8855	B	#2 ACSR	6.89Y	114.8	0.00	10.25	0.38	0	3	1	95	0.00	0.0	12.124	0.254	3	1	1	2	L
L PL.9350	PL.8567	B	#2 ACSR	6.89Y	114.8	0.00	10.25	0.00	0	0	0	100	0.00	0.0	12.202	0.078	0	0	1	1	L
L PL.10049	PL.8856	B	#2 ACSR	6.89Y	114.8	0.00	10.19	0.24	0	2	0	100	0.00	0.0	11.395	0.004	0	0	0	1	L
L PD.1655	PL.10049	B	12T	6.89Y	114.8	0.00	10.19	0.24	0	2	0	100	0.00	0.0	11.395	0.004	0	0	0	1	L
L PL.10050	PD.1655	B	#2 ACSR	6.89Y	114.8	0.00	10.19	0.24	0	2	0	100	0.00	0.0	11.628	0.233	2	0	1	1	L
L PL.8854	PL.9335	B	6 A (CWC)	6.90Y	114.9	0.02	10.07	9.45	7	63	17	97	0.01	0.0	11.021	0.057	0	0	0	20	L

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.8531	PL.8854	B	#4 ACSR	6.89Y	114.9	0.01	10.08	1.22	1	8	2	97	0.00	0.0	11.188	0.167	0	0	0	2	L
L PL.9233	PL.8531	B	#4 ACSR	6.89Y	114.9	0.00	10.08	0.51	0	3	1	95	0.00	0.0	11.230	0.042	3	1	1	1	L
L PL.8532	PL.8531	B	#4 ACSR	6.89Y	114.9	0.00	10.08	0.71	1	5	1	98	0.00	0.0	11.224	0.036	5	1	1	1	L
L PL.9336	PL.8854	B	6 A (CWC)	6.89Y	114.9	0.03	10.10	6.79	5	45	12	97	0.01	0.0	11.109	0.088	3	1	2	17	L
L PL.9337	PL.9336	B	6 A (CWC)	6.89Y	114.9	0.01	10.11	6.29	4	42	11	97	0.00	0.0	11.145	0.036	5	1	2	15	L
L PL.8857	PL.9337	B	6 A (CWC)	6.89Y	114.9	0.01	10.12	4.82	3	32	8	97	0.00	0.0	11.190	0.045	0	0	0	10	L
L PL.8533	PL.8857	B	#4 ACSR	6.89Y	114.9	0.00	10.12	0.69	1	5	1	98	0.00	0.0	11.203	0.013	0	0	0	1	L
L PL.8568	PL.8533	B	#4 ACSR	6.89Y	114.9	0.00	10.12	0.69	1	5	1	98	0.00	0.0	11.259	0.056	5	1	1	1	L
L PL.9234	PL.8857	B	6 A (CWC)	6.89Y	114.9	0.02	10.14	4.13	3	28	7	97	0.00	0.0	11.292	0.102	0	0	0	9	L
L PL.8858	PL.9234	B	6 A (CWC)	6.89Y	114.8	0.01	10.15	2.59	2	17	5	96	0.00	0.0	11.390	0.098	0	0	0	6	L
L PL.8536	PL.8858	B	#1/0 ACSR	6.89Y	114.8	0.00	10.15	0.00	0	0	0	100	0.00	0.0	11.533	0.144	0	0	0	1	L
L PL.9105	PL.8536	B	#1/0 ACSR	6.89Y	114.8	0.00	10.15	0.00	0	0	0	100	0.00	0.0	11.658	0.125	0	0	1	1	L
L PL.8537	PL.8858	B	#1/0 ACSR	6.89Y	114.8	0.00	10.15	1.59	1	11	3	96	0.00	0.0	11.460	0.070	11	3	1	1	L
L PL.9341	PL.8858	B	6 A (CWC)	6.89Y	114.8	0.00	10.15	1.01	1	7	2	96	0.00	0.0	11.468	0.078	0	0	0	4	L
L PL.9342	PL.9341	B	6 A (CWC)	6.89Y	114.8	0.00	10.16	1.01	1	7	2	96	0.00	0.0	11.583	0.115	7	2	4	4	L
L PL.8535	PL.9234	B	#1/0 ACSR	6.89Y	114.9	0.00	10.14	0.00	0	0	0	100	0.00	0.0	11.319	0.027	0	0	1	1	L
L PL.8534	PL.9234	B	#1/0 ACSR	6.89Y	114.9	0.00	10.14	1.54	1	10	3	96	0.00	0.0	11.387	0.095	10	3	2	2	L
L PL.8538	PL.9337	B	#2 ACSR	6.89Y	114.9	0.00	10.11	0.00	0	0	0	100	0.00	0.0	11.206	0.061	0	0	1	1	L
L PL.65802	PL.8538	B	#1/0 ACSR	6.89Y	114.9	0.00	10.11	0.00	0	0	0	100	0.00	0.0	11.259	0.053	0	0	0	0	L
L PL.9339	PL.9337	B	#4 ACSR	6.89Y	114.9	0.00	10.11	0.75	1	5	1	98	0.00	0.0	11.160	0.015	1	0	1	2	L
L PL.9340	PL.9339	B	#4 ACSR	6.89Y	114.9	0.00	10.11	0.62	0	4	1	97	0.00	0.0	11.200	0.040	4	1	1	1	L
L PL.8530	PL.8854	B	#4 ACSR	6.90Y	114.9	0.00	10.08	1.44	1	10	3	96	0.00	0.0	11.087	0.066	10	3	1	1	L
L PL.10047	PL.9815	B	#4 ACSR	6.96Y	115.9	0.00	9.06	1.78	1	12	3	97	0.00	0.0	9.986	0.005	0	0	0	6	L
L PD.1654	PL.10047	B	12T	6.96Y	115.9	0.00	9.06	1.78	0	12	3	97	0.00	0.0	9.986	0.005	0	0	0	6	L
L PL.10048	PD.1654	B	#4 ACSR	6.95Y	115.9	0.05	9.10	1.78	1	12	3	97	0.00	0.0	10.596	0.611	0	0	0	6	L
L PL.8523	PL.10048	B	#4 ACSR	6.95Y	115.9	0.00	9.11	0.80	1	5	1	98	0.00	0.0	10.669	0.072	0	0	0	2	L
L PL.8562	PL.8523	B	#1/0 ACSR	6.95Y	115.9	0.00	9.11	0.80	0	5	1	98	0.00	0.0	11.007	0.339	5	1	2	2	L
L PL.8522	PL.10048	B	#4 ACSR	6.95Y	115.9	0.00	9.10	0.86	1	6	2	95	0.00	0.0	10.627	0.030	3	1	1	3	L
L PL.8563	PL.8522	B	#1/0 ACSR	6.95Y	115.9	0.00	9.11	0.42	0	3	1	95	0.00	0.0	11.256	0.629	1	0	1	2	L
L PL.10148	PL.8563	B	#1/0 ACSR	6.95Y	115.9	0.00	9.11	0.20	0	1	0	100	0.00	0.0	11.630	0.374	1	0	1	1	L
L PL.8521	PL.10048	B	#4 ACSR	6.95Y	115.9	0.00	9.10	0.12	0	1	0	100	0.00	0.0	10.676	0.079	1	0	1	1	L

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Balanced Voltage Drop Report
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Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.8518	PL.9327	B	#4 ACSR	6.99Y	116.5	0.01	8.49	2.81	2	19	5	97	0.00	0.0	9.633	0.093	0	0	0	3	L
L PL.8847	PL.8518	B	#4 ACSR	6.99Y	116.5	0.00	8.49	1.30	1	9	2	98	0.00	0.0	9.684	0.051	0	0	0	2	L
L PL.8520	PL.8847	B	#4 ACSR	6.99Y	116.5	0.00	8.49	0.00	0	0	0	100	0.00	0.0	9.742	0.058	0	0	1	1	L
L PL.8848	PL.8847	B	#4 ACSR	6.99Y	116.5	0.00	8.49	1.29	1	9	2	98	0.00	0.0	9.735	0.051	9	2	1	1	L
L PL.8519	PL.8518	B	#4 ACSR	6.99Y	116.5	0.00	8.49	1.52	1	10	3	96	0.00	0.0	9.678	0.045	10	3	1	1	L
L PL.9345	PL.9431	B	#2 ACSR	7.00Y	116.7	0.00	8.30	2.69	2	18	5	96	0.00	0.0	9.436	0.009	17	4	2	3	L
L PL.9346	PL.9345	B	#2 ACSR	7.00Y	116.7	0.00	8.31	0.20	0	1	0	100	0.00	0.0	9.512	0.076	1	0	1	1	L
PL.9418	PL.9813	ABC	#1/0 ACSR	7.13Y	118.8	0.07	6.21	28.47	12	586	165	96	0.30	0.1	8.276	0.137	0	0	1	121	
PL.9889	PL.9418	ABC	#1/0 ACSR	7.13Y	118.8	0.03	6.24	28.45	12	586	164	96	0.13	0.0	8.338	0.062	0	0	0	120	
PL.9890	PL.9889	ABC	#1/0 ACSR	7.12Y	118.7	0.03	6.27	28.45	12	586	164	96	0.13	0.0	8.399	0.062	0	0	0	120	
PL.9040	PL.9890	C	6 A (CWC)	7.12Y	118.7	0.00	6.28	13.60	10	94	25	97	0.00	0.0	8.403	0.004	0	0	0	23	
PD.1729	PL.9040	C	40T	7.12Y	118.7	0.00	6.28	13.60	0	94	25	97	0.00	0.0	8.403	0.004	0	0	0	23	
PL.9041	PD.1729	C	6 A (CWC)	7.12Y	118.7	0.06	6.33	13.60	10	94	25	97	0.04	0.0	8.498	0.095	6	2	1	23	
PL.9414	PL.9041	C	6 A (CWC)	7.12Y	118.6	0.05	6.39	12.74	9	88	23	97	0.04	0.0	8.598	0.100	10	3	1	21	
PL.9415	PL.9414	C	6 A (CWC)	7.11Y	118.6	0.03	6.42	11.33	8	78	20	97	0.02	0.0	8.657	0.059	0	0	1	20	
PL.9416	PL.9415	C	6 A (CWC)	7.11Y	118.4	0.15	6.56	11.29	8	78	20	97	0.08	0.1	8.971	0.314	15	4	2	19	
PL.9402	PL.9416	C	6 A (CWC)	7.10Y	118.3	0.10	6.67	9.18	7	63	17	97	0.05	0.1	9.213	0.242	0	0	0	17	
PL.9235	PL.9402	C	6 A (CWC)	7.10Y	118.3	0.06	6.72	7.53	5	52	14	97	0.02	0.0	9.390	0.177	9	2	2	15	
PL.8540	PL.9235	C	6 A (CWC)	7.10Y	118.3	0.03	6.75	6.25	4	43	11	97	0.01	0.0	9.484	0.095	0	0	0	13	
PL.8506	PL.8540	C	6 A (CWC)	7.09Y	118.2	0.01	6.76	0.60	0	4	1	97	0.00	0.0	9.750	0.266	0	0	1	2	
PL.9394	PL.8506	C	6 A (CWC)	7.09Y	118.2	0.00	6.76	0.53	0	4	1	97	0.00	0.0	9.943	0.193	4	1	1	1	
PL.9397	PL.8540	C	#2 ACSR	7.10Y	118.3	0.00	6.75	0.71	0	5	1	98	0.00	0.0	9.540	0.056	2	1	1	2	
PL.9398	PL.9397	C	#2 ACSR	7.10Y	118.3	0.00	6.75	0.36	0	2	1	89	0.00	0.0	9.559	0.019	2	1	1	1	
PL.8859	PL.8540	C	6 A (CWC)	7.09Y	118.2	0.01	6.76	4.94	4	34	9	97	0.00	0.0	9.552	0.068	17	4	4	9	
PL.9395	PL.8859	C	#2 ACSR	7.09Y	118.2	0.00	6.76	1.69	1	12	3	97	0.00	0.0	9.598	0.047	3	1	1	4	
PL.9396	PL.9395	C	#2 ACSR	7.09Y	118.2	0.00	6.76	1.31	1	9	2	98	0.00	0.0	9.636	0.037	2	0	1	3	
PL.9474	PL.9396	C	#2 ACSR	7.09Y	118.2	0.00	6.76	1.08	1	7	2	96	0.00	0.0	9.695	0.060	4	1	1	2	
PL.9475	PL.9474	C	#2 ACSR	7.09Y	118.2	0.00	6.77	0.47	0	3	1	95	0.00	0.0	9.753	0.058	3	1	1	1	
PL.8507	PL.8859	C	#2 ACSR	7.09Y	118.2	0.00	6.76	0.78	0	5	1	98	0.00	0.0	9.640	0.088	5	1	1	1	
PL.8505	PL.9402	C	#4 ACSR	7.10Y	118.3	0.00	6.67	1.65	1	11	3	96	0.00	0.0	9.278	0.065	11	3	2	2	
PL.8499	PL.9041	C	#2 ACSR	7.12Y	118.7	0.00	6.33	0.02	0	0	0	100	0.00	0.0	8.555	0.057	0	0	1	1	

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.10121	PL.9890	ABC	#1/0 ACSR	7.12Y	118.7	0.02	6.30	23.92	10	492	139	96	0.08	0.0	8.452	0.053	0	0	0	97
PD.1861	PL.10121	ABC	50H	7.12Y	118.7	0.00	6.30	23.92	48	492	139	96	0.00	0.0	8.452	0.053	0	0	0	97
PL.10122	PD.1861	ABC	#1/0 ACSR	7.12Y	118.7	0.02	6.31	23.92	10	492	139	96	0.06	0.0	8.495	0.042	4	1	3	97
PL.9419	PL.10122	ABC	#1/0 ACSR	7.12Y	118.7	0.03	6.35	20.40	9	419	120	96	0.10	0.0	8.588	0.093	9	2	3	79
PL.9420	PL.9419	ABC	#1/0 ACSR	7.12Y	118.6	0.03	6.38	19.95	9	410	118	96	0.09	0.0	8.673	0.086	0	0	0	76
PL.8863	PL.9420	ABC	#1/0 ACSR	7.12Y	118.6	0.03	6.41	19.94	9	409	117	96	0.09	0.0	8.758	0.085	0	0	1	75
PL.9044	PL.8863	C	6 A (CWC)	7.12Y	118.6	0.00	6.41	4.41	3	30	8	97	0.00	0.0	8.762	0.004	0	0	0	10
PD.1731	PL.9044	C	25T	7.12Y	118.6	0.00	6.41	4.41	0	30	8	97	0.00	0.0	8.762	0.004	0	0	0	10
PL.9045	PD.1731	C	6 A (CWC)	7.11Y	118.6	0.02	6.43	4.41	3	30	8	97	0.00	0.0	8.851	0.089	4	1	4	10
PL.9417	PL.9045	C	6 A (CWC)	7.11Y	118.5	0.05	6.48	3.78	3	26	7	97	0.01	0.0	9.126	0.275	0	0	0	6
PL.8861	PL.9417	C	6 A (CWC)	7.11Y	118.5	0.03	6.51	3.78	3	26	7	97	0.01	0.0	9.319	0.194	0	0	0	5
PL.9411	PL.8861	C	6 A (CWC)	7.11Y	118.5	0.01	6.52	2.52	2	17	5	96	0.00	0.0	9.385	0.066	3	1	1	3
PL.9412	PL.9411	C	6 A (CWC)	7.11Y	118.5	0.00	6.52	2.13	2	15	4	97	0.00	0.0	9.396	0.011	7	2	1	2
PL.9413	PL.9412	C	6 A (CWC)	7.11Y	118.5	0.00	6.52	1.10	1	8	2	97	0.00	0.0	9.532	0.137	8	2	1	1
PL.8862	PL.8861	C	6 A (CWC)	7.11Y	118.5	0.01	6.51	1.26	1	9	2	98	0.00	0.0	9.414	0.095	0	0	0	2
PL.9408	PL.8862	C	6 A (CWC)	7.11Y	118.5	0.00	6.51	0.05	0	0	0	100	0.00	0.0	9.509	0.095	0	0	1	1
PL.9409	PL.9408	C	6 A (CWC)	7.11Y	118.5	0.00	6.51	0.00	0	0	0	100	0.00	0.0	9.599	0.090	0	0	0	0
PL.9410	PL.9409	C	6 A (CWC)	7.11Y	118.5	0.00	6.51	0.00	0	0	0	100	0.00	0.0	9.891	0.292	0	0	0	0
PL.9407	PL.9410	C	6 A (CWC)	7.11Y	118.5	0.00	6.51	0.00	0	0	0	100	0.00	0.0	10.073	0.182	0	0	0	0
PL.8509	PL.8862	C	6 A (CWC)	7.11Y	118.5	0.00	6.52	1.21	1	8	2	97	0.00	0.0	9.480	0.066	8	2	1	1
PL.8508	PL.9417	C	#4 ACSR	7.11Y	118.5	0.00	6.48	0.00	0	0	0	100	0.00	0.0	9.357	0.232	0	0	1	1
PL.9421	PL.8863	ABC	#1/0 ACSR	7.11Y	118.5	0.05	6.46	18.47	8	379	109	96	0.14	0.0	8.909	0.151	0	0	0	64
PL.9422	PL.9421	ABC	#1/0 ACSR	7.11Y	118.5	0.04	6.50	18.47	8	379	109	96	0.11	0.0	9.035	0.126	0	0	0	64
PL.8502	PL.9422	C	6 A (CWC)	7.11Y	118.5	0.00	6.51	1.62	1	11	3	96	0.00	0.0	9.100	0.064	10	3	1	2
PL.8503	PL.8502	C	#2 ACSR	7.11Y	118.5	0.00	6.51	0.23	0	2	0	100	0.00	0.0	9.206	0.106	0	0	0	1
PL.9042	PL.8503	C	1/0 AL URD	7.11Y	118.5	0.00	6.51	0.23	0	2	0	100	0.00	0.0	9.210	0.005	0	0	0	1
PD.1730	PL.9042	C	20T	7.11Y	118.5	0.00	6.51	0.23	0	2	0	100	0.00	0.0	9.210	0.005	0	0	0	1
PL.9043	PD.1730	C	1/0 AL URD	7.11Y	118.5	0.00	6.51	0.23	0	2	0	100	0.00	0.0	9.313	0.102	2	0	1	1
PL.9423	PL.9422	ABC	#1/0 ACSR	7.11Y	118.5	0.02	6.52	17.93	8	367	107	96	0.05	0.0	9.099	0.064	6	1	1	62
PL.9424	PL.9423	ABC	#1/0 ACSR	7.10Y	118.4	0.11	6.63	17.66	8	362	105	96	0.28	0.1	9.434	0.334	0	0	0	61
PL.8864	PL.9424	ABC	#1/0 ACSR	7.10Y	118.3	0.06	6.69	16.46	7	337	98	96	0.14	0.0	9.623	0.189	0	0	0	58

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
PL.10053	PL.8864	C	#4 ACSR	7.10Y	118.3	0.00	6.69	0.84	1	6	2	95	0.00	0.0	9.627	0.004	0	0	0	2	
PD.1657	PL.10053	C	20T	7.10Y	118.3	0.00	6.69	0.84	0	6	2	95	0.00	0.0	9.627	0.004	0	0	0	2	
PL.10054	PD.1657	C	#4 ACSR	7.10Y	118.3	0.00	6.69	0.84	1	6	2	95	0.00	0.0	9.674	0.047	6	2	2	2	
PL.8670	PL.8864	ABC	#1/0 ACSR	7.10Y	118.3	0.02	6.71	16.18	7	331	97	96	0.04	0.0	9.685	0.063	0	0	0	56	
PL.8865	PL.8670	ABC	#1/0 ACSR	7.10Y	118.3	0.04	6.75	15.34	7	313	92	96	0.09	0.0	9.832	0.147	0	0	0	54	
PL.8866	PL.8865	ABC	#1/0 ACSR	7.09Y	118.2	0.02	6.77	15.34	7	313	92	96	0.05	0.0	9.912	0.080	0	0	1	54	
PL.8867	PL.8866	ABC	#1/0 ACSR	7.09Y	118.2	0.01	6.78	13.95	6	285	85	96	0.01	0.0	9.936	0.024	6	2	1	48	
PL.8672	PL.8867	ABC	#1/0 ACSR	7.09Y	118.2	0.01	6.79	13.64	6	278	83	96	0.02	0.0	9.982	0.047	7	2	2	47	
PL.27925	PL.8672	ABC	#1/0 ACSR	7.09Y	118.2	0.02	6.81	13.31	6	271	81	96	0.04	0.0	10.071	0.089	0	0	0	45	
PL.27926	PL.27925	ABC	#1/0 ACSR	7.09Y	118.2	0.02	6.83	13.31	6	271	81	96	0.03	0.0	10.145	0.074	7	2	1	45	
PL.9386	PL.27926	ABC	#1/0 ACSR	7.09Y	118.1	0.02	6.85	12.98	6	264	79	96	0.05	0.0	10.251	0.106	0	0	0	44	
PL.9381	PL.9386	ABC	#1/0 ACSR	7.09Y	118.1	0.05	6.90	12.98	6	264	79	96	0.09	0.0	10.453	0.203	0	0	0	44	
PL.8870	PL.9381	ABC	#1/0 ACSR	7.08Y	118.1	0.04	6.94	12.53	5	255	77	96	0.07	0.0	10.615	0.162	3	1	2	43	
PL.10071	PL.8870	A	#4 ACSR	7.08Y	118.1	0.00	6.94	1.32	1	9	2	98	0.00	0.0	10.620	0.005	0	0	0	2	
PD.1666	PL.10071	A	20T	7.08Y	118.1	0.00	6.94	1.32	0	9	2	98	0.00	0.0	10.620	0.005	0	0	0	2	
PL.10072	PD.1666	A	#4 ACSR	7.08Y	118.1	0.01	6.94	1.32	1	9	2	98	0.00	0.0	10.826	0.205	7	2	1	2	
PL.9383	PL.10072	A	#4 ACSR	7.08Y	118.1	0.00	6.95	0.34	0	2	1	89	0.00	0.0	11.007	0.182	0	0	0	1	
PL.9237	PL.9383	A	#4 ACSR	7.08Y	118.1	0.00	6.95	0.00	0	0	0	100	0.00	0.0	11.316	0.309	0	0	0	0	
PL.8676	PL.9383	A	#4 ACSR	7.08Y	118.1	0.00	6.95	0.34	0	2	1	89	0.00	0.0	11.061	0.053	2	1	1	1	
PL.8874	PL.8870	ABC	#1/0 ACSR	7.08Y	118.0	0.06	6.99	10.34	4	210	65	96	0.08	0.0	10.910	0.295	0	0	0	35	
L PL.8875	PL.8874	ABC	#1/0 ACSR	7.08Y	118.0	0.03	7.02	9.64	4	196	61	95	0.04	0.0	11.109	0.199	29	8	4	32	L
L PL.9818	PL.8875	ABC	#1/0 ACSR	7.08Y	118.0	0.01	7.03	8.23	4	166	53	95	0.01	0.0	11.161	0.052	8	2	1	28	L
L PL.8679	PL.9818	ABC	#1/0 ACSR	7.08Y	118.0	0.00	7.03	7.84	3	158	51	95	0.00	0.0	11.175	0.014	0	0	0	27	L
L PL.8681	PL.8679	A	#4 ACSR	7.08Y	118.0	0.00	7.04	2.35	2	16	4	97	0.00	0.0	11.236	0.061	16	4	2	2	L
L PL.9036	PL.8679	A	6 A (CWC)	7.08Y	118.0	0.00	7.04	4.64	3	32	8	97	0.00	0.0	11.180	0.005	0	0	0	8	L
L PD.1726	PL.9036	A	20T	7.08Y	118.0	0.00	7.04	4.64	0	32	8	97	0.00	0.0	11.180	0.005	0	0	0	8	L
L PL.9037	PD.1726	A	6 A (CWC)	7.08Y	117.9	0.02	7.05	4.64	3	32	8	97	0.00	0.0	11.268	0.088	7	2	1	8	L
L PL.8680	PL.9037	A	#4 ACSR	7.08Y	117.9	0.00	7.05	1.39	1	9	2	98	0.00	0.0	11.299	0.031	9	2	5	5	L
L PL.8688	PL.9037	A	6 A (CWC)	7.08Y	117.9	0.01	7.06	2.25	2	15	4	97	0.00	0.0	11.419	0.151	10	3	1	2	L
L PL.8771	PL.8688	A	6 A (CWC)	7.08Y	117.9	0.00	7.06	0.76	1	5	1	98	0.00	0.0	11.455	0.036	5	1	1	1	L
L PL.8877	PL.8679	ABC	#1/0 ACSR	7.08Y	118.0	0.01	7.04	5.52	2	111	39	94	0.01	0.0	11.280	0.105	10	3	2	17	L

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.9872	PL.8877	A	6 A (CWC)	7.08Y	118.0	0.00	7.05	8.03	6	55	14	97	0.00	0.0	11.284	0.004	0	0	0	13	L
L PD.1725	PL.9872	A	20T	7.08Y	118.0	0.00	7.05	8.03	0	55	14	97	0.00	0.0	11.284	0.004	0	0	0	13	L
L PL.9035	PD.1725	A	6 A (CWC)	7.07Y	117.9	0.06	7.11	8.03	6	55	14	97	0.03	0.0	11.448	0.164	0	0	0	13	L
L PL.9384	PL.9035	A	6 A (CWC)	7.07Y	117.8	0.07	7.17	8.03	6	55	14	97	0.03	0.1	11.639	0.191	2	1	1	13	L
L PL.9380	PL.9384	A	6 A (CWC)	7.07Y	117.8	0.02	7.20	7.73	6	53	14	97	0.01	0.0	11.706	0.067	0	0	0	12	L
L PL.8682	PL.9380	A	6 A (CWC)	7.07Y	117.8	0.01	7.20	1.14	1	8	2	97	0.00	0.0	11.855	0.149	3	1	1	2	L
L PL.8683	PL.8682	A	#4 ACSR	7.07Y	117.8	0.00	7.21	0.73	1	5	1	98	0.00	0.0	12.053	0.198	5	1	1	1	L
L PL.8878	PL.9380	A	6 A (CWC)	7.07Y	117.8	0.01	7.20	1.03	1	7	2	96	0.00	0.0	11.824	0.118	0	0	0	2	L
L PL.9238	PL.8878	A	6 A (CWC)	7.07Y	117.8	0.00	7.20	0.04	0	0	0	100	0.00	0.0	11.854	0.030	0	0	1	1	L
L PL.8684	PL.8878	A	#4 ACSR	7.07Y	117.8	0.00	7.20	0.99	1	7	2	96	0.00	0.0	11.853	0.029	7	2	1	1	L
L PL.8786	PL.9380	A	6 A (CWC)	7.06Y	117.7	0.07	7.27	5.55	4	38	10	97	0.02	0.1	11.991	0.285	0	0	0	8	L
L PL.8792	PL.8786	A	6 A (CWC)	7.06Y	117.7	0.02	7.29	4.84	3	33	9	96	0.00	0.0	12.081	0.090	8	2	1	7	L
L PL.8793	PL.8792	A	6 A (CWC)	7.06Y	117.7	0.01	7.30	3.61	3	25	6	97	0.00	0.0	12.149	0.068	0	0	0	6	L
L PL.8794	PL.8793	A	6 A (CWC)	7.06Y	117.7	0.02	7.32	3.61	3	25	6	97	0.00	0.0	12.293	0.144	0	0	0	6	L
L PL.8797	PL.8794	A	6 A (CWC)	7.06Y	117.7	0.00	7.32	0.00	0	0	0	100	0.00	0.0	12.414	0.121	0	0	1	1	L
L PL.8796	PL.8794	A	6 A (CWC)	7.06Y	117.7	0.01	7.34	3.61	3	25	6	97	0.00	0.0	12.378	0.085	0	0	0	5	L
L PL.8799	PL.8796	A	6 A (CWC)	7.06Y	117.7	0.01	7.34	3.11	2	21	6	96	0.00	0.0	12.437	0.059	0	0	0	4	L
L PL.8800	PL.8799	A	#4 ACSR	7.06Y	117.7	0.00	7.35	3.11	2	21	6	96	0.00	0.0	12.471	0.034	7	2	2	4	L
L PL.8801	PL.8800	A	#4 ACSR	7.06Y	117.6	0.00	7.35	2.04	2	14	4	96	0.00	0.0	12.502	0.031	7	2	1	2	L
L PL.8802	PL.8801	A	#1/0 ACSR	7.06Y	117.6	0.00	7.35	0.95	0	6	2	95	0.00	0.0	12.561	0.059	0	0	0	1	L
L PL.8803	PL.8802	A	#4 ACSR	7.06Y	117.6	0.00	7.35	0.95	1	6	2	95	0.00	0.0	12.598	0.038	6	2	1	1	L
L PL.8798	PL.8796	A	#1/0 ACSR	7.06Y	117.7	0.00	7.34	0.50	0	3	1	95	0.00	0.0	12.423	0.045	3	1	1	1	L
L PL.8791	PL.8786	A	#1/0 ACSR	7.06Y	117.7	0.00	7.27	0.71	0	5	1	98	0.00	0.0	12.139	0.149	5	1	1	1	L
L PL.9325	PL.8877	ABC	#1/0 ACSR	7.08Y	118.0	0.00	7.05	2.37	1	45	21	91	0.00	0.0	11.382	0.103	0	0	0	2	L
L PL.9326	PL.9325	ABC	#1/0 ACSR	7.08Y	117.9	0.00	7.05	2.25	1	43	21	90	0.00	0.0	11.435	0.053	0	0	0	1	L
L PL.8685	PL.9326	ABC	#1/0 ACSR	7.08Y	117.9	0.00	7.05	2.25	1	43	21	90	0.00	0.0	11.480	0.046	43	21	1	1	L
L PL.9870	PL.9325	A	#2 ACSR	7.08Y	118.0	0.00	7.05	0.35	0	2	1	89	0.00	0.0	11.387	0.005	0	0	0	1	L
L PD.1724	PL.9870	A	10T	7.08Y	118.0	0.00	7.05	0.35	0	2	1	89	0.00	0.0	11.387	0.005	0	0	0	1	L
L PL.9871	PD.1724	A	#2 ACSR	7.08Y	118.0	0.00	7.05	0.35	0	2	1	89	0.00	0.0	11.423	0.037	2	1	1	1	L
PL.10059	PL.8874	C	6 A (CWC)	7.08Y	118.0	0.00	6.99	2.08	1	14	4	96	0.00	0.0	10.915	0.005	0	0	0	3	
PD.1660	PL.10059	C	20T	7.08Y	118.0	0.00	6.99	2.08	0	14	4	96	0.00	0.0	10.915	0.005	0	0	0	3	

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.10060	PD.1660	C	6 A (CWC)	7.08Y	118.0	0.02	7.01	2.08	1	14	4	96	0.00	0.0	11.119	0.205	0	0	0	3	L
L PL.8677	PL.10060	C	#4 ACSR	7.08Y	118.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	11.149	0.030	0	0	0	0	L
L PL.8876	PL.10060	C	6 A (CWC)	7.08Y	118.0	0.01	7.02	2.08	1	14	4	96	0.00	0.0	11.196	0.077	8	2	2	3	L
L PL.8678	PL.8876	C	#4 ACSR	7.08Y	118.0	0.00	7.02	0.93	1	6	2	95	0.00	0.0	11.227	0.031	6	2	1	1	L
PL.8673	PL.8870	B	6 A (CWC)	7.08Y	118.0	0.02	6.96	4.82	3	33	9	96	0.01	0.0	10.708	0.092	0	0	0	4	
PL.8871	PL.8673	B	6 A (CWC)	7.08Y	118.0	0.00	6.96	4.82	3	33	9	96	0.00	0.0	10.712	0.004	0	0	0	4	
PD.1722	PL.8871	B	20T	7.08Y	118.0	0.00	6.96	4.82	0	33	9	96	0.00	0.0	10.712	0.004	0	0	0	4	
PL.9122	PD.1722	B	6 A (CWC)	7.08Y	118.0	0.01	6.97	3.38	2	23	6	97	0.00	0.0	10.781	0.070	7	2	1	3	
PL.8872	PL.9122	B	6 A (CWC)	7.08Y	118.0	0.00	6.97	1.43	1	10	3	96	0.00	0.0	10.842	0.061	0	0	0	1	
PL.8873	PL.8872	B	6 A (CWC)	7.08Y	118.0	0.00	6.97	1.43	1	10	3	96	0.00	0.0	10.913	0.071	10	3	1	1	
PL.8675	PL.9122	B	6 A (CWC)	7.08Y	118.0	0.00	6.97	0.98	1	7	2	96	0.00	0.0	10.816	0.035	7	2	1	1	
PL.9317	PD.1722	B	#4 ACSR	7.08Y	118.0	0.00	6.96	1.44	1	10	3	96	0.00	0.0	10.714	0.003	0	0	0	1	
PL.8674	PL.9317	B	#4 ACSR	7.08Y	118.0	0.00	6.96	1.44	1	10	3	96	0.00	0.0	10.731	0.017	10	3	1	1	
PL.9868	PL.9381	A	#1/0 ACSR	7.09Y	118.1	0.00	6.90	1.36	1	9	2	98	0.00	0.0	10.458	0.005	0	0	0	1	
PD.1723	PL.9868	A	20T	7.09Y	118.1	0.00	6.90	1.36	0	9	2	98	0.00	0.0	10.458	0.005	0	0	0	1	
PL.9869	PD.1723	A	#1/0 ACSR	7.09Y	118.1	0.00	6.90	1.36	1	9	2	98	0.00	0.0	10.520	0.062	9	2	1	1	
PL.27927	PL.27925	C	#1/0 ACSR	7.09Y	118.2	0.00	6.81	0.00	0	0	0	100	0.00	0.0	10.074	0.002	0	0	0	0	
PD.3863	PL.27927	C	10T	7.09Y	118.2	0.00	6.81	0.00	0	0	0	100	0.00	0.0	10.074	0.002	0	0	0	0	
PL.27928	PD.3863	C	#1/0 ACSR	7.09Y	118.2	0.00	6.81	0.00	0	0	0	100	0.00	0.0	10.105	0.031	0	0	0	0	
PL.27929	PL.27928	C	#1/0 ACSR	7.09Y	118.2	0.00	6.81	0.00	0	0	0	100	0.00	0.0	10.136	0.032	0	0	0	0	
PL.9866	PL.8866	A	6 A (CWC)	7.09Y	118.2	0.00	6.77	0.53	0	4	1	97	0.00	0.0	9.916	0.005	0	0	0	1	
PD.1721	PL.9866	A	20T	7.09Y	118.2	0.00	6.77	0.53	0	4	1	97	0.00	0.0	9.916	0.005	0	0	0	1	
PL.9867	PD.1721	A	6 A (CWC)	7.09Y	118.2	0.00	6.77	0.53	0	4	1	97	0.00	0.0	10.048	0.131	4	1	1	1	
PL.10057	PL.8866	C	#1/0 ACSR	7.09Y	118.2	0.00	6.77	3.62	2	25	7	96	0.00	0.0	9.916	0.005	0	0	0	4	
PD.1659	PL.10057	C	20T	7.09Y	118.2	0.00	6.77	3.62	0	25	7	96	0.00	0.0	9.916	0.005	0	0	0	4	
PL.10058	PD.1659	C	#1/0 ACSR	7.09Y	118.2	0.01	6.78	3.62	2	25	7	96	0.00	0.0	10.045	0.129	0	0	0	4	
PL.8671	PL.10058	C	#1/0 ACSR	7.09Y	118.2	0.00	6.78	1.09	0	7	2	96	0.00	0.0	10.143	0.097	7	2	1	1	
PL.8868	PL.10058	C	#1/0 ACSR	7.09Y	118.2	0.00	6.78	2.53	1	17	5	96	0.00	0.0	10.118	0.073	0	0	0	3	
PL.8686	PL.8868	C	#1/0 ACSR	7.09Y	118.2	0.00	6.79	1.70	1	12	3	97	0.00	0.0	10.182	0.064	9	2	1	2	
PL.10211	PL.8686	C	#1/0 ACSR	7.09Y	118.2	0.00	6.79	0.42	0	3	1	95	0.00	0.0	10.243	0.061	0	0	0	1	
PL.10212	PL.10211	C	#1/0 ACSR	7.09Y	118.2	0.00	6.79	0.42	0	3	1	95	0.00	0.0	10.276	0.033	3	1	1	1	

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8869	PL.8868	C	#1/0 ACSR	7.09Y	118.2	0.00	6.79	0.83	0	6	1	99	0.00	0.0	10.267	0.148	6	1	1	1
PL.10055	PL.8670	C	#4 ACSR	7.10Y	118.3	0.00	6.71	2.54	2	17	5	96	0.00	0.0	9.690	0.005	0	0	0	2
PD.1658	PL.10055	C	20T	7.10Y	118.3	0.00	6.71	2.54	0	17	5	96	0.00	0.0	9.690	0.005	0	0	0	2
PL.10056	PD.1658	C	#4 ACSR	7.10Y	118.3	0.00	6.71	2.54	2	17	5	96	0.00	0.0	9.768	0.078	17	5	2	2
PL.10037	PL.9424	C	6 A (CWC)	7.10Y	118.4	0.00	6.63	3.59	3	25	6	97	0.00	0.0	9.438	0.005	0	0	0	3
PD.1649	PL.10037	C	20T	7.10Y	118.4	0.00	6.63	3.59	0	25	6	97	0.00	0.0	9.438	0.005	0	0	0	3
PL.10038	PD.1649	C	6 A (CWC)	7.10Y	118.4	0.00	6.64	3.59	3	25	6	97	0.00	0.0	9.492	0.053	25	6	3	3
PL.8500	PL.9420	B	#4 ACSR	7.12Y	118.6	0.00	6.38	0.04	0	0	0	100	0.00	0.0	8.677	0.004	0	0	0	1
PD.1728	PL.8500	B	20T	7.12Y	118.6	0.00	6.38	0.04	0	0	0	100	0.00	0.0	8.677	0.004	0	0	0	1
PL.9319	PD.1728	B	#4 ACSR	7.12Y	118.6	0.00	6.38	0.04	0	0	0	100	0.00	0.0	8.683	0.005	0	0	0	1
PL.8501	PL.9319	B	#4 ACSR	7.12Y	118.6	0.00	6.38	0.04	0	0	0	100	0.00	0.0	8.748	0.065	0	0	1	1
PL.9114	PD.1728	B	#4 ACSR	7.12Y	118.6	0.00	6.38	0.00	0	0	0	100	0.00	0.0	8.721	0.043	0	0	0	0
PL.10035	PL.10122	A	6 A (CWC)	7.12Y	118.7	0.00	6.32	9.93	7	68	18	97	0.00	0.0	8.499	0.005	0	0	0	15
PD.1648	PL.10035	A	20T	7.12Y	118.7	0.00	6.32	9.93	0	68	18	97	0.00	0.0	8.499	0.005	0	0	0	15
PL.10036	PD.1648	A	6 A (CWC)	7.11Y	118.5	0.15	6.47	9.93	7	68	18	97	0.08	0.1	8.850	0.351	7	2	1	15
PL.9426	PL.10036	A	6 A (CWC)	7.11Y	118.5	0.02	6.48	8.96	6	62	16	97	0.01	0.0	8.895	0.045	17	4	2	14
PL.8510	PL.9426	A	#4 ACSR	7.11Y	118.5	0.00	6.49	2.32	2	16	4	97	0.00	0.0	8.970	0.075	16	4	2	2
PL.8860	PL.9426	A	6 A (CWC)	7.11Y	118.5	0.04	6.52	4.21	3	29	8	96	0.01	0.0	9.113	0.218	4	1	1	10
PL.8541	PL.8860	A	#4 ACSR	7.11Y	118.5	0.01	6.53	1.88	1	13	3	97	0.00	0.0	9.179	0.066	0	0	0	6
PL.9236	PL.8541	A	#4 ACSR	7.11Y	118.5	0.01	6.53	0.68	1	5	1	98	0.00	0.0	9.347	0.168	0	0	0	3
PL.8515	PL.9236	A	#4 ACSR	7.11Y	118.5	0.00	6.53	0.61	0	4	1	97	0.00	0.0	9.384	0.037	1	0	1	2
PL.8542	PL.8515	A	#1/0 ACSR	7.11Y	118.5	0.00	6.53	0.53	0	4	1	97	0.00	0.0	9.486	0.103	4	1	1	1
PL.8516	PL.9236	A	#2 ACSR	7.11Y	118.5	0.00	6.53	0.08	0	1	0	100	0.00	0.0	9.585	0.237	0	0	0	1
PL.10149	PL.8516	A	#2 ACSR	7.11Y	118.5	0.00	6.53	0.08	0	1	0	100	0.00	0.0	9.589	0.005	0	0	0	1
PD.1650	PL.10149	A	12T	7.11Y	118.5	0.00	6.53	0.08	0	1	0	100	0.00	0.0	9.589	0.005	0	0	0	1
PL.10040	PD.1650	A	#2 ACSR	7.11Y	118.5	0.00	6.53	0.08	0	1	0	100	0.00	0.0	9.694	0.105	1	0	1	1
PL.8514	PL.8541	A	#1/0 ACSR	7.11Y	118.5	0.00	6.53	1.19	1	8	2	97	0.00	0.0	9.240	0.061	8	2	3	3
PL.8513	PL.8541	A	#4 ACSR	7.11Y	118.5	0.00	6.53	0.00	0	0	0	100	0.00	0.0	9.272	0.092	0	0	0	0
PL.8511	PL.8860	A	#1/0 ACSR	7.11Y	118.5	0.00	6.53	1.70	1	12	3	97	0.00	0.0	9.182	0.069	0	0	0	3
PL.8512	PL.8511	A	#1/0 ACSR	7.11Y	118.5	0.00	6.53	1.70	1	12	3	97	0.00	0.0	9.186	0.004	0	0	0	3
PD.1732	PL.8512	A	12T	7.11Y	118.5	0.00	6.53	1.70	0	12	3	97	0.00	0.0	9.186	0.004	0	0	0	3

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9323	PD.1732	A	#1/0 ACSR	7.11Y	118.5	0.00	6.53	1.17	1	8	2	97	0.00	0.0	9.199	0.013	0	0	0	2
PL.9427	PL.9323	A	#1/0 ACSR	7.11Y	118.5	0.00	6.53	1.17	1	8	2	97	0.00	0.0	9.222	0.023	6	2	1	2
PL.9428	PL.9427	A	#1/0 ACSR	7.11Y	118.5	0.00	6.53	0.30	0	2	1	89	0.00	0.0	9.318	0.096	2	1	1	1
PL.9113	PD.1732	A	#1/0 ACSR	7.11Y	118.5	0.00	6.53	0.53	0	4	1	97	0.00	0.0	9.219	0.033	4	1	1	1
CP.16	PL.9889	ABC	Cap (300)	7.13Y	118.8	0.00	6.24	0.00	0	0	0	100	0.00	0.0	8.338	0.033	0	0	0	0
PL.10091	PL.8840	A	#1/0 ACSR	7.15Y	119.1	0.03	5.87	17.50	8	121	32	97	0.02	0.0	7.813	0.066	0	0	0	54
PD.1846	PL.10091	A	50H	7.15Y	119.1	0.00	5.87	17.50	35	121	32	97	0.00	0.0	7.813	0.066	0	0	0	54
PL.10092	PD.1846	A	#1/0 ACSR	7.14Y	119.1	0.06	5.93	17.50	8	121	32	97	0.05	0.0	7.950	0.137	0	0	1	54
PL.9399	PL.10092	A	#1/0 ACSR	7.14Y	119.0	0.03	5.96	17.50	8	121	32	97	0.03	0.0	8.027	0.077	2	1	1	53
PL.9400	PL.9399	A	#1/0 ACSR	7.14Y	119.0	0.03	5.99	17.22	7	119	31	97	0.02	0.0	8.100	0.073	6	2	1	52
PL.8841	PL.9400	A	#1/0 ACSR	7.14Y	119.0	0.03	6.02	15.66	7	108	29	97	0.02	0.0	8.182	0.083	0	0	0	49
PL.8842	PL.8841	A	#1/0 ACSR	7.13Y	118.9	0.09	6.10	14.48	6	100	26	97	0.06	0.1	8.449	0.267	2	0	2	48
PL.8543	PL.8842	A	6 A (CWC)	7.13Y	118.9	0.01	6.11	0.90	1	6	2	95	0.00	0.0	8.601	0.152	0	0	0	3
PL.8387	PL.8543	A	#1/0 ACSR	7.13Y	118.9	0.00	6.11	0.64	0	4	1	97	0.00	0.0	8.772	0.171	4	1	1	2
PL.9832	PL.8387	A	#1/0 ACSR	7.13Y	118.9	0.00	6.11	0.05	0	0	0	100	0.00	0.0	8.991	0.219	0	0	1	1
PL.8595	PL.8543	A	#2 ACSR	7.13Y	118.9	0.00	6.11	0.26	0	2	0	100	0.00	0.0	8.663	0.062	2	0	1	1
PL.8544	PL.8842	A	6 A (CWC)	7.13Y	118.9	0.00	6.11	0.83	1	6	1	99	0.00	0.0	8.523	0.075	6	1	1	1
PL.8545	PL.8544	A	#4 ACSR	7.13Y	118.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	9.049	0.525	0	0	0	0
PL.8546	PL.8544	A	#4 ACSR	7.13Y	118.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	8.657	0.133	0	0	0	0
PL.9378	PL.8546	A	#4 ACSR	7.13Y	118.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	8.714	0.057	0	0	0	0
PL.8843	PL.8842	A	#1/0 ACSR	7.13Y	118.8	0.12	6.22	12.48	5	86	23	97	0.07	0.1	8.860	0.412	0	0	0	42
PL.9362	PL.8843	A	#1/0 ACSR	7.12Y	118.7	0.05	6.27	12.48	5	86	23	97	0.03	0.0	9.043	0.182	4	1	2	42
PL.9363	PL.9362	A	#1/0 ACSR	7.12Y	118.7	0.02	6.29	11.96	5	82	22	97	0.01	0.0	9.105	0.062	0	0	0	40
PL.9360	PL.9363	A	#1/0 ACSR	7.12Y	118.7	0.03	6.32	10.63	5	73	19	97	0.02	0.0	9.233	0.128	1	0	2	36
PL.9361	PL.9360	A	#1/0 ACSR	7.12Y	118.6	0.06	6.38	10.44	5	72	19	97	0.03	0.0	9.486	0.253	0	0	0	34
PL.8583	PL.9361	A	#1/0 ACSR	7.12Y	118.6	0.00	6.38	0.33	0	2	1	89	0.00	0.0	9.549	0.064	2	1	1	1
PL.9364	PL.9361	A	#1/0 ACSR	7.12Y	118.6	0.00	6.38	1.32	1	9	2	98	0.00	0.0	9.526	0.040	3	1	1	4
PL.9365	PL.9364	A	#1/0 ACSR	7.12Y	118.6	0.00	6.39	0.83	0	6	2	95	0.00	0.0	9.638	0.112	0	0	0	3
PL.8388	PL.9365	A	#1/0 ACSR	7.12Y	118.6	0.00	6.39	0.64	0	4	1	97	0.00	0.0	9.690	0.052	4	1	2	2
PL.8584	PL.9365	A	#4 ACSR	7.12Y	118.6	0.00	6.39	0.19	0	1	0	100	0.00	0.0	9.679	0.041	1	0	1	1
PL.8581	PL.9361	A	#1/0 ACSR	7.12Y	118.6	0.02	6.41	8.79	4	61	16	97	0.01	0.0	9.608	0.122	0	0	0	29

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8582	PL.8581	A	#1/0 ACSR	7.11Y	118.6	0.02	6.43	6.11	3	42	11	97	0.01	0.0	9.755	0.147	0	0	0	21
PL.8578	PL.8582	A	#2 ACSR	7.11Y	118.6	0.00	6.43	0.26	0	2	0	100	0.00	0.0	9.799	0.044	2	0	1	1
PL.9329	PL.8582	A	#1/0 ACSR	7.11Y	118.6	0.01	6.44	5.37	2	37	10	97	0.00	0.0	9.857	0.102	0	0	0	17
PL.9354	PL.9329	A	#1/0 ACSR	7.11Y	118.5	0.02	6.46	4.94	2	34	9	97	0.00	0.0	9.998	0.141	2	1	1	14
PL.9355	PL.9354	A	#1/0 ACSR	7.11Y	118.5	0.01	6.47	4.60	2	32	8	97	0.00	0.0	10.140	0.141	6	2	1	13
PL.9353	PL.9355	A	#1/0 ACSR	7.11Y	118.5	0.02	6.49	3.67	2	25	7	96	0.00	0.0	10.418	0.279	0	0	0	12
PL.8575	PL.9353	A	#1/0 ACSR	7.11Y	118.5	0.00	6.49	0.59	0	4	1	97	0.00	0.0	10.446	0.028	4	1	1	1
PL.9351	PL.9353	A	#1/0 ACSR	7.11Y	118.5	0.01	6.50	3.08	1	21	6	96	0.00	0.0	10.568	0.150	1	0	1	11
PL.9352	PL.9351	A	#1/0 ACSR	7.11Y	118.5	0.01	6.51	2.98	1	21	5	97	0.00	0.0	10.696	0.128	0	0	1	10
PL.8844	PL.9352	A	#1/0 ACSR	7.11Y	118.5	0.00	6.52	2.54	1	17	5	96	0.00	0.0	10.805	0.109	9	2	1	8
PL.9830	PL.8844	A	#1/0 ACSR	7.11Y	118.5	0.00	6.52	1.20	1	8	2	97	0.00	0.0	10.945	0.140	0	0	0	7
PL.8573	PL.9830	A	#2 ACSR	7.11Y	118.5	0.00	6.52	0.40	0	3	1	95	0.00	0.0	10.974	0.029	3	1	2	2
PL.9332	PL.9830	A	#1/0 ACSR	7.11Y	118.5	0.00	6.52	0.80	0	6	1	99	0.00	0.0	11.164	0.219	0	0	0	5
PL.8845	PL.9332	A	#1/0 ACSR	7.11Y	118.5	0.00	6.53	0.13	0	1	0	100	0.00	0.0	11.386	0.222	0	0	0	1
PL.10147	PL.8845	A	#1/0 ACSR	7.11Y	118.5	0.00	6.53	0.13	0	1	0	100	0.00	0.0	11.391	0.005	0	0	0	1
PD.1845-A	PL.10147	A	Closed	7.11Y	118.5	0.00	6.53	0.13	0	1	0	100	0.00	0.0	11.391	0.005	0	0	0	1
PD.1845-B	PD.1845-A	A	Closed	7.11Y	118.5	0.00	6.53	0.13	0	1	0	100	0.00	0.0	11.391	0.005	0	0	0	1
PL.10090	PD.1845-B	A	#1/0 ACSR	7.11Y	118.5	0.00	6.53	0.13	0	1	0	100	0.00	0.0	11.425	0.033	1	0	1	1
PL.8571	PL.10090	A	6 A (CWC)	7.11Y	118.5	0.00	6.53	0.00	0	0	0	100	0.00	0.0	11.510	0.085	0	0	0	0
PL.6806	PL.8571	A	6 A (CWC)	7.11Y	118.5	0.00	6.53	0.00	0	0	0	100	0.00	0.0	11.514	0.005	0	0	0	0
PD.1442-A	PL.6806	A	Open	7.11Y	118.5	0.00	6.53	0.00	0	0	0	100	0.00	0.0	11.514	0.005	0	0	0	0
PL.8570	PL.10090	A	6 A (CWC)	7.11Y	118.5	0.00	6.53	0.00	0	0	0	100	0.00	0.0	11.443	0.018	0	0	0	0
PD.1441-B	PL.8570	A	Open	7.11Y	118.5	0.00	6.53	0.00	0	0	0	100	0.00	0.0	11.443	0.018	0	0	0	0
PL.9476	PL.9332	A	#2 ACSR	7.11Y	118.5	0.00	6.53	0.39	0	3	1	95	0.00	0.0	11.257	0.093	2	1	2	3
PL.9477	PL.9476	A	#2 ACSR	7.11Y	118.5	0.00	6.53	0.05	0	0	0	100	0.00	0.0	11.297	0.040	0	0	1	1
PL.8572	PL.9332	A	#2 ACSR	7.11Y	118.5	0.00	6.52	0.28	0	2	1	89	0.00	0.0	11.187	0.023	2	1	1	1
PL.8574	PL.9352	A	#1/0 ACSR	7.11Y	118.5	0.00	6.51	0.41	0	3	1	95	0.00	0.0	10.718	0.022	3	1	1	1
PL.8576	PL.9329	A	#1/0 ACSR	7.11Y	118.6	0.00	6.44	0.44	0	3	1	95	0.00	0.0	9.869	0.012	3	1	3	3
PL.8577	PL.8582	A	#1/0 ACSR	7.11Y	118.6	0.00	6.43	0.23	0	2	0	100	0.00	0.0	9.806	0.051	2	0	1	1
PL.8579	PL.8582	A	#1/0 ACSR	7.11Y	118.6	0.00	6.43	0.24	0	2	0	100	0.00	0.0	9.789	0.034	2	0	2	2
PL.8580	PL.8581	A	#2 ACSR	7.12Y	118.6	0.00	6.41	2.68	2	18	5	96	0.00	0.0	9.663	0.055	0	0	0	8

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9366	PL.8580	A	6 A (CWC)	7.11Y	118.6	0.01	6.42	2.68	2	18	5	96	0.00	0.0	9.734	0.072	2	1	1	8
PL.9367	PL.9366	A	6 A (CWC)	7.11Y	118.6	0.01	6.43	2.34	2	16	4	97	0.00	0.0	9.824	0.090	0	0	0	7
PL.8411	PL.9367	A	#4 ACSR	7.11Y	118.6	0.00	6.43	2.34	2	16	4	97	0.00	0.0	9.828	0.004	0	0	0	7
PD.1720	PL.8411	A	15T	7.11Y	118.6	0.00	6.43	2.34	0	16	4	97	0.00	0.0	9.828	0.004	0	0	0	7
PL.9368	PD.1720	A	#4 ACSR	7.11Y	118.6	0.01	6.44	1.27	1	9	2	98	0.00	0.0	9.949	0.120	2	1	1	5
PL.9369	PL.9368	A	#4 ACSR	7.11Y	118.6	0.00	6.44	0.92	1	6	2	95	0.00	0.0	10.021	0.072	2	1	1	4
PL.9370	PL.9369	A	#4 ACSR	7.11Y	118.6	0.00	6.44	0.60	0	4	1	97	0.00	0.0	10.058	0.038	1	0	1	3
PL.9371	PL.9370	A	#4 ACSR	7.11Y	118.6	0.00	6.44	0.40	0	3	1	95	0.00	0.0	10.262	0.204	0	0	0	2
PL.9376	PL.9371	A	#4 ACSR	7.11Y	118.6	0.00	6.44	0.40	0	3	1	95	0.00	0.0	10.325	0.063	0	0	0	2
PL.9372	PL.9376	A	#4 ACSR	7.11Y	118.6	0.00	6.45	0.40	0	3	1	95	0.00	0.0	10.455	0.130	1	0	1	2
PL.9373	PL.9372	A	#4 ACSR	7.11Y	118.6	0.00	6.45	0.22	0	2	0	100	0.00	0.0	10.514	0.059	2	0	1	1
PL.9374	PL.9373	A	#4 ACSR	7.11Y	118.6	0.00	6.45	0.00	0	0	0	100	0.00	0.0	10.819	0.305	0	0	0	0
PL.8389	PL.9374	A	#2 ACSR	7.11Y	118.6	0.00	6.45	0.00	0	0	0	100	0.00	0.0	11.172	0.354	0	0	0	0
PL.9330	PD.1720	A	#4 ACSR	7.11Y	118.6	0.00	6.43	1.07	1	7	2	96	0.00	0.0	9.833	0.004	0	0	0	2
PL.8585	PL.9330	A	#4 ACSR	7.11Y	118.6	0.00	6.43	1.07	1	7	2	96	0.00	0.0	9.875	0.042	7	2	2	2
PL.9358	PL.9363	A	#4 ACSR	7.12Y	118.7	0.00	6.29	1.33	1	9	2	98	0.00	0.0	9.131	0.026	8	2	2	4
PL.9359	PL.9358	A	#4 ACSR	7.12Y	118.7	0.00	6.29	0.22	0	1	0	100	0.00	0.0	9.238	0.107	0	0	1	2
PL.9356	PL.9359	A	#4 ACSR	7.12Y	118.7	0.00	6.29	0.15	0	1	0	100	0.00	0.0	9.308	0.071	1	0	1	1
PL.9357	PL.9356	A	#4 ACSR	7.12Y	118.7	0.00	6.29	0.00	0	0	0	100	0.00	0.0	9.482	0.173	0	0	0	0
PL.8560	PL.8843	A	#4 ACSR	7.13Y	118.8	0.00	6.22	0.00	0	0	0	100	0.00	0.0	8.903	0.043	0	0	0	0
PL.8569	PL.8841	A	#1/0 ACSR	7.14Y	119.0	0.00	6.02	1.18	1	8	2	97	0.00	0.0	8.208	0.026	8	2	1	1
PL.9343	PL.9400	A	#1/0 ACSR	7.14Y	119.0	0.00	5.99	0.68	0	5	1	98	0.00	0.0	8.192	0.092	0	0	1	2
PL.9344	PL.9343	A	#1/0 ACSR	7.14Y	119.0	0.00	5.99	0.68	0	5	1	98	0.00	0.0	8.233	0.041	5	1	1	1
PL.8498	PL.8838	C	#1/0 ACSR	7.16Y	119.3	0.00	5.65	0.83	0	6	2	95	0.00	0.0	7.572	0.050	6	2	1	1
PL.10031	PL.9469	C	6 A (CWC)	7.18Y	119.6	0.00	5.41	3.01	2	21	5	97	0.00	0.0	7.248	0.004	0	0	0	4
PD.1646	PL.10031	C	40T	7.18Y	119.6	0.00	5.41	3.01	0	21	5	97	0.00	0.0	7.248	0.004	0	0	0	4
PL.10032	PD.1646	C	6 A (CWC)	7.18Y	119.6	0.00	5.41	3.01	2	21	5	97	0.00	0.0	7.271	0.023	11	3	1	4
PL.8494	PL.10032	C	#4 ACSR	7.18Y	119.6	0.00	5.41	0.00	0	0	0	100	0.00	0.0	7.329	0.057	0	0	0	0
PL.8836	PL.10032	C	6 A (CWC)	7.18Y	119.6	0.00	5.41	1.45	1	10	3	96	0.00	0.0	7.341	0.070	0	0	0	3
PL.8837	PL.8836	C	6 A (CWC)	7.17Y	119.6	0.00	5.42	0.59	0	4	1	97	0.00	0.0	7.435	0.094	0	0	0	2
PL.8496	PL.8837	C	6 A (CWC)	7.17Y	119.6	0.00	5.42	0.14	0	1	0	100	0.00	0.0	7.446	0.010	1	0	1	1

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8497	PL.8837	C	#2 ACSR	7.17Y	119.6	0.00	5.42	0.45	0	3	1	95	0.00	0.0	7.564	0.129	3	1	1	1
PL.8495	PL.8836	C	#1/0 ACSR	7.18Y	119.6	0.00	5.42	0.86	0	6	2	95	0.00	0.0	7.370	0.029	6	2	1	1
PL.10029	PL.8835	C	6 A (CWC)	7.19Y	119.8	0.00	5.16	0.75	1	5	1	98	0.00	0.0	6.979	0.004	0	0	0	1
PD.1645	PL.10029	C	40T	7.19Y	119.8	0.00	5.16	0.75	0	5	1	98	0.00	0.0	6.979	0.004	0	0	0	1
PL.10030	PD.1645	C	6 A (CWC)	7.19Y	119.8	0.00	5.16	0.75	1	5	1	98	0.00	0.0	7.039	0.059	5	1	1	1
PL.8492	PL.8833	A	#1/0 ACSR	7.21Y	120.1	0.00	4.87	0.42	0	3	1	95	0.00	0.0	6.685	0.028	3	1	1	1
PL.10017	PL.9311	C	#4 ACSR	7.25Y	120.9	0.00	4.13	3.23	2	23	6	97	0.00	0.0	5.878	0.005	0	0	0	7
PD.1639	PL.10017	C	40T	7.25Y	120.9	0.00	4.13	3.23	0	23	6	97	0.00	0.0	5.878	0.005	0	0	0	7
PL.10018	PD.1639	C	#4 ACSR	7.25Y	120.9	0.01	4.14	3.23	2	23	6	97	0.00	0.0	5.948	0.070	0	0	0	7
PL.8488	PL.10018	C	#4 ACSR	7.25Y	120.9	0.00	4.14	0.22	0	2	0	100	0.00	0.0	6.023	0.075	2	0	1	1
PL.8831	PL.10018	C	#4 ACSR	7.25Y	120.8	0.04	4.17	3.01	2	21	6	96	0.01	0.0	6.222	0.274	0	0	1	6
PL.9467	PL.8831	C	#4 ACSR	7.25Y	120.8	0.02	4.20	2.99	2	21	6	96	0.00	0.0	6.399	0.177	3	1	1	5
PL.8490	PL.9467	C	#1/0 ACSR	7.25Y	120.8	0.00	4.20	2.19	1	15	4	97	0.00	0.0	6.474	0.075	15	4	2	2
PL.8487	PL.9467	C	#1/0 ACSR	7.25Y	120.8	0.00	4.20	0.41	0	3	1	95	0.00	0.0	6.416	0.017	0	0	0	2
PL.8489	PL.8487	C	#4 ACSR	7.25Y	120.8	0.00	4.20	0.41	0	3	1	95	0.00	0.0	6.480	0.064	3	1	2	2
PL.8354	PL.9231	A	#2 ACSR	7.26Y	121.0	0.00	4.04	4.48	3	31	8	97	0.00	0.0	5.784	0.004	0	0	0	3
PD.1741	PL.8354	A	40T	7.26Y	121.0	0.00	4.04	4.48	0	31	8	97	0.00	0.0	5.784	0.004	0	0	0	3
PL.9307	PD.1741	A	#2 ACSR	7.26Y	121.0	0.00	4.04	1.34	1	9	2	98	0.00	0.0	5.789	0.005	0	0	0	2
PL.8355	PL.9307	A	#2 ACSR	7.26Y	121.0	0.00	4.04	1.34	1	9	2	98	0.00	0.0	5.830	0.041	9	2	2	2
PL.8990	PD.1741	A	#2 ACSR	7.26Y	121.0	0.00	4.04	3.14	2	22	6	96	0.00	0.0	5.860	0.075	22	6	1	1
PL.9060	PL.8830	A	#4 ACSR	7.30Y	121.7	0.00	3.35	0.54	0	4	1	97	0.00	0.0	5.103	0.005	0	0	0	1
PD.1740	PL.9060	A	40T	7.30Y	121.7	0.00	3.35	0.54	0	4	1	97	0.00	0.0	5.103	0.005	0	0	0	1
PL.9061	PD.1740	A	#4 ACSR	7.30Y	121.7	0.00	3.35	0.54	0	4	1	97	0.00	0.0	5.147	0.045	4	1	1	1
PL.9056	PL.8827	C	#4 ACSR	7.30Y	121.7	0.00	3.27	0.11	0	1	0	100	0.00	0.0	5.023	0.005	0	0	0	1
PD.1738	PL.9056	C	40T	7.30Y	121.7	0.00	3.27	0.11	0	1	0	100	0.00	0.0	5.023	0.005	0	0	0	1
PL.9057	PD.1738	C	#4 ACSR	7.30Y	121.7	0.00	3.27	0.11	0	1	0	100	0.00	0.0	5.088	0.065	1	0	1	1
PL.10013	PL.8824	A	6 A (CWC)	7.33Y	122.2	0.00	2.84	13.97	10	99	26	97	0.00	0.0	4.620	0.004	0	0	0	20
PD.1637	PL.10013	A	40T	7.33Y	122.2	0.00	2.84	13.97	0	99	26	97	0.00	0.0	4.620	0.004	0	0	0	20
PL.10014	PD.1637	A	6 A (CWC)	7.33Y	122.1	0.05	2.90	13.97	10	99	26	97	0.04	0.0	4.709	0.089	8	2	2	20
PL.8826	PL.10014	A	6 A (CWC)	7.33Y	122.1	0.01	2.90	9.52	7	67	18	97	0.00	0.0	4.728	0.019	5	1	1	12
PL.9559	PL.8826	A	6 A (CWC)	7.32Y	122.0	0.06	2.96	8.75	6	62	16	97	0.02	0.0	4.891	0.162	17	4	2	11

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9560	PL.9559	A	6 A (CWC)	7.32Y	122.0	0.01	2.97	6.34	5	45	12	97	0.00	0.0	4.938	0.047	0	0	0	9
PL.9558	PL.9560	A	6 A (CWC)	7.32Y	122.0	0.05	3.02	6.34	5	45	12	97	0.01	0.0	5.125	0.187	11	3	3	9
PL.8345	PL.9558	A	#4 ACSR	7.32Y	121.9	0.03	3.05	4.83	4	34	9	97	0.01	0.0	5.270	0.145	0	0	0	6
PL.8344	PL.8345	A	#1/0 ACSR	7.32Y	121.9	0.00	3.05	2.88	1	20	5	97	0.00	0.0	5.310	0.040	7	2	1	2
PL.21309	PL.8344	A	#1/0 ACSR	7.32Y	121.9	0.00	3.06	1.83	1	13	3	97	0.00	0.0	5.367	0.057	13	3	1	1
PL.9561	PL.8345	A	#4 ACSR	7.32Y	121.9	0.00	3.06	1.95	1	14	4	96	0.00	0.0	5.322	0.052	0	0	1	4
PL.9562	PL.9561	A	#4 ACSR	7.32Y	121.9	0.00	3.06	1.92	1	14	4	96	0.00	0.0	5.347	0.025	4	1	2	3
PL.9563	PL.9562	A	6 A (CWC)	7.32Y	121.9	0.00	3.06	1.35	1	10	3	96	0.00	0.0	5.385	0.038	0	0	0	1
PL.8997	PL.9563	A	6 A (CWC)	7.32Y	121.9	0.00	3.06	1.35	1	10	3	96	0.00	0.0	5.420	0.035	10	3	1	1
PL.8342	PL.10014	A	6 A (CWC)	7.33Y	122.1	0.01	2.91	3.36	2	24	6	97	0.00	0.0	4.770	0.061	3	1	1	6
PL.8343	PL.8342	A	#4 ACSR	7.33Y	122.1	0.00	2.91	3.00	2	21	6	96	0.00	0.0	4.816	0.045	21	6	5	5
PL.8370	PL.8824	C	6 A (CWC)	7.33Y	122.2	0.00	2.84	1.07	1	8	2	97	0.00	0.0	4.620	0.005	0	0	0	1
PD.1767	PL.8370	C	40T	7.33Y	122.2	0.00	2.84	1.07	0	8	2	97	0.00	0.0	4.620	0.005	0	0	0	1
PL.8371	PD.1767	C	6 A (CWC)	7.33Y	122.2	0.00	2.84	1.07	1	8	2	97	0.00	0.0	4.688	0.069	8	2	1	1
PL.10011	PL.10221	A	#1/0 ACSR	7.35Y	122.5	0.00	2.54	0.43	0	3	1	95	0.00	0.0	4.367	0.005	0	0	0	1
PD.1840	PL.10011	A	20T	7.35Y	122.5	0.00	2.54	0.43	0	3	1	95	0.00	0.0	4.367	0.005	0	0	0	1
PL.10012	PD.1840	A	#1/0 ACSR	7.35Y	122.5	0.00	2.55	0.43	0	3	1	95	0.00	0.0	4.536	0.170	3	1	1	1
PL.8331	PL.9536	B	6 A (CWC)	7.36Y	122.7	0.07	2.26	20.04	14	143	38	97	0.07	0.1	4.140	0.082	13	3	2	22
PL.8332	PL.8331	B	6 A (CWC)	7.36Y	122.7	0.00	2.27	18.27	13	130	34	97	0.00	0.0	4.144	0.004	0	0	0	20
PD.1759	PL.8332	B	30T	7.36Y	122.7	0.00	2.27	18.27	0	130	34	97	0.00	0.0	4.144	0.004	0	0	0	20
PL.9284	PD.1759	B	6 A (CWC)	7.36Y	122.7	0.00	2.27	15.55	11	111	29	97	0.00	0.0	4.151	0.006	0	0	0	18
PL.9537	PL.9284	B	6 A (CWC)	7.36Y	122.7	0.03	2.30	15.55	11	111	29	97	0.03	0.0	4.198	0.047	11	3	1	18
PL.9538	PL.9537	B	6 A (CWC)	7.36Y	122.7	0.04	2.34	14.01	10	100	26	97	0.03	0.0	4.260	0.062	0	0	1	17
PL.8334	PL.9538	B	#2 ACSR	7.35Y	122.5	0.18	2.52	14.01	8	100	26	97	0.13	0.1	4.668	0.409	0	0	0	16
PL.9539	PL.8334	B	#2 ACSR	7.35Y	122.5	0.02	2.54	11.19	6	80	21	97	0.01	0.0	4.728	0.060	8	2	1	13
PL.9540	PL.9539	B	#2 ACSR	7.35Y	122.4	0.04	2.58	10.08	6	72	19	97	0.02	0.0	4.878	0.150	33	9	8	12
PL.9435	PL.9540	B	#2 ACSR	7.35Y	122.4	0.01	2.58	5.48	3	39	10	97	0.00	0.0	4.932	0.055	23	6	3	4
PL.9436	PL.9435	B	#2 ACSR	7.34Y	122.4	0.00	2.59	2.29	1	16	4	97	0.00	0.0	4.988	0.055	16	4	1	1
PL.8335	PL.8334	B	#4 ACSR	7.35Y	122.4	0.04	2.56	2.82	2	20	5	97	0.01	0.0	4.992	0.324	4	1	1	3
PL.9279	PL.8335	B	#4 ACSR	7.35Y	122.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	5.037	0.045	0	0	0	0
PL.8336	PL.8335	B	#4 ACSR	7.35Y	122.4	0.01	2.57	2.25	2	16	4	97	0.00	0.0	5.104	0.112	5	1	1	2

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8337	PL.8336	B	#1/0 ACSR	7.35Y	122.4	0.00	2.57	1.57	1	11	3	96	0.00	0.0	5.148	0.044	11	3	1	1
PL.8338	PL.8336	B	#4 ACSR	7.35Y	122.4	0.00	2.57	0.00	0	0	0	100	0.00	0.0	5.194	0.090	0	0	0	0
PL.8977	PD.1759	B	6 A (CWC)	7.36Y	122.7	0.01	2.27	2.72	2	19	5	97	0.00	0.0	4.193	0.048	0	0	0	2
PL.8339	PL.8977	B	#1/0 ACSR	7.36Y	122.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.229	0.036	0	0	1	1
PL.8340	PL.8977	B	#1/0 ACSR	7.36Y	122.7	0.00	2.27	2.72	1	19	5	97	0.00	0.0	4.232	0.040	19	5	1	1
PL.10097	PL.8821	A	6 A (CWC)	7.42Y	123.6	0.00	1.41	39.75	28	285	76	97	0.01	0.0	3.456	0.003	0	0	0	75
PD.1848	PL.10097	A	40T	7.42Y	123.6	0.00	1.41	39.75	0	285	76	97	0.00	0.0	3.456	0.003	0	0	0	75
PL.10098	PD.1848	A	6 A (CWC)	7.40Y	123.4	0.21	1.62	39.75	28	285	76	97	0.44	0.2	3.571	0.115	0	0	0	75
PL.9011	PL.10098	A	6 A (CWC)	7.40Y	123.3	0.06	1.68	39.75	28	284	75	97	0.12	0.0	3.603	0.032	0	0	0	75
PL.8661	PL.9011	A	1/0 AL URD	7.40Y	123.3	0.00	1.68	1.65	1	12	3	97	0.00	0.0	3.608	0.004	0	0	0	1
PD.1763	PL.8661	A	25T	7.40Y	123.3	0.00	1.68	1.65	0	12	3	97	0.00	0.0	3.608	0.004	0	0	0	1
PL.8662	PD.1763	A	1/0 AL URD	7.40Y	123.3	0.00	1.68	1.65	1	12	3	97	0.00	0.0	3.641	0.033	12	3	1	1
PL.9546	PL.9011	A	6 A (CWC)	7.39Y	123.2	0.15	1.83	38.10	27	272	72	97	0.29	0.1	3.688	0.085	5	1	2	74
PL.9547	PL.9546	A	6 A (CWC)	7.38Y	123.0	0.13	1.95	37.39	27	267	71	97	0.25	0.1	3.763	0.075	0	0	0	72
PL.10009	PL.9547	A	#4 ACSR	7.38Y	123.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	3.768	0.005	0	0	0	0
PD.1839	PL.10009	A	25T	7.38Y	123.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	3.768	0.005	0	0	0	0
PL.10010	PD.1839	A	#4 ACSR	7.38Y	123.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	3.940	0.173	0	0	0	0
PL.9548	PL.9547	A	6 A (CWC)	7.38Y	122.9	0.10	2.05	37.39	27	267	71	97	0.20	0.1	3.823	0.060	0	0	1	72
PL.9549	PL.9548	A	6 A (CWC)	7.37Y	122.9	0.07	2.12	37.39	27	267	71	97	0.14	0.1	3.863	0.041	0	0	0	71
PL.8312	PL.9549	A	#1/0 ACSR	7.37Y	122.9	0.00	2.12	1.81	1	13	3	97	0.00	0.0	3.886	0.023	13	3	2	2
PL.9550	PL.9549	A	6 A (CWC)	7.36Y	122.7	0.13	2.26	35.58	25	254	67	97	0.25	0.1	3.945	0.081	0	0	0	69
PL.9551	PL.9550	A	6 A (CWC)	7.35Y	122.6	0.17	2.42	35.58	25	253	67	97	0.31	0.1	4.047	0.103	1	0	1	69
PL.9552	PL.9551	A	6 A (CWC)	7.35Y	122.6	0.02	2.45	35.40	25	252	66	97	0.05	0.0	4.062	0.015	0	0	0	68
PL.9555	PL.9552	A	6 A (CWC)	7.35Y	122.5	0.08	2.53	31.99	23	227	60	97	0.14	0.1	4.120	0.058	3	1	2	60
PL.9556	PL.9555	A	6 A (CWC)	7.34Y	122.3	0.14	2.67	31.51	23	224	59	97	0.24	0.1	4.220	0.100	0	0	0	58
PL.8315	PL.9556	A	6 A (CWC)	7.34Y	122.3	0.01	2.68	6.08	4	43	11	97	0.00	0.0	4.271	0.051	28	7	5	7
PL.8316	PL.8315	A	6 A (CWC)	7.34Y	122.3	0.00	2.69	2.20	2	16	4	97	0.00	0.0	4.348	0.078	16	4	2	2
PL.8317	PL.8316	A	#1/0 ACSR	7.34Y	122.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	4.362	0.014	0	0	0	0
PL.8751	PL.8317	A	#1/0 ACSR	7.34Y	122.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	4.399	0.037	0	0	0	0
PL.9541	PL.9556	A	#4 ACSR	7.34Y	122.3	0.01	2.68	3.02	2	21	6	96	0.00	0.0	4.306	0.086	16	4	2	4
PL.9542	PL.9541	A	#4 ACSR	7.34Y	122.3	0.00	2.68	0.75	1	5	1	98	0.00	0.0	4.350	0.044	5	1	2	2

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9543	PL.9556	A	6 A (CWC)	7.34Y	122.3	0.06	2.73	22.41	16	159	42	97	0.07	0.0	4.279	0.059	2	0	1	47
PL.9544	PL.9543	A	6 A (CWC)	7.33Y	122.2	0.08	2.82	22.20	16	157	42	97	0.10	0.1	4.363	0.083	8	2	2	46
PL.9315	PL.9544	A	6 A (CWC)	7.33Y	122.1	0.07	2.89	20.95	15	149	39	97	0.08	0.1	4.438	0.076	1	0	1	42
PL.8320	PL.9315	A	#2 ACSR	7.33Y	122.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	4.511	0.072	0	0	0	0
PL.8319	PL.9315	A	#4 ACSR	7.33Y	122.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	4.495	0.056	0	0	0	0
PL.8998	PL.9315	A	6 A (CWC)	7.32Y	121.9	0.16	3.05	20.79	15	147	39	97	0.18	0.1	4.611	0.172	0	0	0	41
PL.8999	PL.8998	A	6 A (CWC)	7.31Y	121.9	0.04	3.09	20.79	15	147	39	97	0.04	0.0	4.652	0.041	0	0	0	41
PL.9228	PL.8999	A	6 A (CWC)	7.31Y	121.8	0.07	3.16	17.26	12	122	32	97	0.07	0.1	4.744	0.092	0	0	0	30
PL.9000	PL.9228	A	6 A (CWC)	7.30Y	121.7	0.10	3.26	15.83	11	112	29	97	0.08	0.1	4.876	0.132	0	0	1	27
PL.9003	PL.9000	A	6 A (CWC)	7.30Y	121.7	0.04	3.30	15.82	11	112	29	97	0.04	0.0	4.938	0.061	5	1	1	26
PL.9004	PL.9003	A	6 A (CWC)	7.30Y	121.7	0.05	3.35	15.15	11	107	28	97	0.04	0.0	5.003	0.065	0	0	0	25
PL.9229	PL.9004	A	6 A (CWC)	7.29Y	121.6	0.07	3.42	14.74	11	104	27	97	0.06	0.1	5.113	0.111	0	0	0	24
PL.9005	PL.9229	A	#1/0 ACSR	7.29Y	121.6	0.00	3.42	2.61	1	18	5	96	0.00	0.0	5.162	0.049	7	2	1	3
PL.9006	PL.9005	A	#1/0 ACSR	7.29Y	121.6	0.00	3.42	1.59	1	11	3	96	0.00	0.0	5.202	0.040	7	2	1	2
PL.8324	PL.9006	A	#1/0 ACSR	7.29Y	121.6	0.00	3.42	0.53	0	4	1	97	0.00	0.0	5.259	0.057	4	1	1	1
PL.9230	PL.9229	A	6 A (CWC)	7.29Y	121.5	0.03	3.45	12.13	9	86	22	97	0.02	0.0	5.174	0.061	0	0	0	21
PL.8325	PL.9230	A	6 A (CWC)	7.29Y	121.5	0.03	3.48	12.13	9	86	22	97	0.02	0.0	5.226	0.052	0	0	0	21
PL.8328	PL.8325	A	#4 ACSR	7.29Y	121.5	0.04	3.52	12.13	9	86	22	97	0.03	0.0	5.303	0.077	8	2	2	21
PL.8327	PL.8328	A	#1/0 ACSR	7.29Y	121.5	0.00	3.52	2.22	1	16	4	97	0.00	0.0	5.374	0.071	16	4	3	3
PL.8413	PL.8328	A	#1/0 ACSR	7.29Y	121.5	0.01	3.53	8.81	4	62	16	97	0.00	0.0	5.352	0.049	9	2	2	16
PL.9007	PL.8413	A	#1/0 ACSR	7.29Y	121.5	0.00	3.53	2.87	1	20	5	97	0.00	0.0	5.417	0.064	16	4	3	6
PL.9008	PL.9007	A	#1/0 ACSR	7.29Y	121.5	0.00	3.53	0.62	0	4	1	97	0.00	0.0	5.464	0.048	4	1	3	3
PL.8414	PL.8413	A	#1/0 ACSR	7.29Y	121.5	0.00	3.53	4.73	2	33	9	96	0.00	0.0	5.381	0.029	5	1	1	8
PL.8329	PL.8414	A	#1/0 ACSR	7.29Y	121.5	0.01	3.54	3.99	2	28	7	97	0.00	0.0	5.452	0.071	0	0	0	7
PL.8330	PL.8329	A	#1/0 ACSR	7.29Y	121.5	0.00	3.54	1.90	1	13	4	96	0.00	0.0	5.498	0.045	13	4	4	4
PL.9009	PL.8329	A	#1/0 ACSR	7.29Y	121.5	0.00	3.54	2.09	1	15	4	97	0.00	0.0	5.493	0.040	10	3	2	3
PL.9010	PL.9009	A	#1/0 ACSR	7.29Y	121.5	0.00	3.54	0.72	0	5	1	98	0.00	0.0	5.518	0.026	5	1	1	1
PL.8326	PL.8325	A	#2 ACSR	7.29Y	121.5	0.00	3.48	0.00	0	0	0	100	0.00	0.0	5.307	0.080	0	0	0	0
PL.8323	PL.9004	A	#4 ACSR	7.30Y	121.7	0.00	3.35	0.41	0	3	1	95	0.00	0.0	5.055	0.052	3	1	1	1
PL.8321	PL.9228	A	#4 ACSR	7.31Y	121.8	0.00	3.16	1.42	1	10	3	96	0.00	0.0	4.803	0.059	10	3	3	3
PL.8665	PL.8999	A	#4 ACSR	7.31Y	121.9	0.00	3.09	3.53	3	25	7	96	0.00	0.0	4.657	0.005	0	0	0	11

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Balanced Voltage Drop Report
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Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.1765	PL.8665	A	25T	7.31Y	121.9	0.00	3.09	3.53	0	25	7	96	0.00	0.0	4.657	0.005	0	0	0	11
PL.8666	PD.1765	A	#4 ACSR	7.31Y	121.9	0.01	3.10	3.53	3	25	7	96	0.00	0.0	4.722	0.065	10	3	4	11
PL.9545	PL.8666	A	#4 ACSR	7.31Y	121.9	0.01	3.11	2.11	2	15	4	97	0.00	0.0	4.797	0.075	0	0	0	7
PL.8322	PL.9545	A	#4 ACSR	7.31Y	121.9	0.00	3.11	1.20	1	8	2	97	0.00	0.0	4.889	0.092	0	0	0	5
PL.10204	PL.8322	A	#1/0 ACSR	7.31Y	121.9	0.00	3.11	0.00	0	0	0	100	0.00	0.0	4.925	0.035	0	0	0	0
PL.10205	PL.10204	A	#1/0 ACSR	7.31Y	121.9	0.00	3.11	0.00	0	0	0	100	0.00	0.0	4.937	0.013	0	0	0	0
PL.9833	PL.8322	A	#4 ACSR	7.31Y	121.9	0.01	3.12	1.20	1	8	2	97	0.00	0.0	5.058	0.168	6	1	4	5
PL.9834	PL.9833	A	#4 ACSR	7.31Y	121.9	0.00	3.12	0.40	0	3	1	95	0.00	0.0	5.072	0.014	0	0	0	1
PL.8775	PL.9834	A	#4 ACSR	7.31Y	121.9	0.00	3.12	0.40	0	3	1	95	0.00	0.0	5.140	0.068	3	1	1	1
PL.9316	PL.9545	A	#4 ACSR	7.31Y	121.9	0.00	3.11	0.91	1	6	2	95	0.00	0.0	4.823	0.026	0	0	0	2
PL.8418	PL.9316	A	#4 ACSR	7.31Y	121.9	0.00	3.11	0.91	1	6	2	95	0.00	0.0	4.848	0.024	6	2	2	2
PL.8318	PL.9544	A	#4 ACSR	7.33Y	122.2	0.00	2.82	0.12	0	1	0	100	0.00	0.0	4.425	0.062	1	0	2	2
PL.9553	PL.9552	A	#2 ACSR	7.35Y	122.5	0.01	2.46	3.42	2	24	6	97	0.00	0.0	4.155	0.093	2	1	2	8
PL.9554	PL.9553	A	#2 ACSR	7.35Y	122.5	0.00	2.46	3.07	2	22	6	96	0.00	0.0	4.189	0.034	12	3	1	6
PL.8663	PL.9554	A	#2 ACSR	7.35Y	122.5	0.00	2.46	0.45	0	3	1	95	0.00	0.0	4.193	0.004	0	0	0	1
PD.1764	PL.8663	A	15T	7.35Y	122.5	0.00	2.46	0.45	0	3	1	95	0.00	0.0	4.193	0.004	0	0	0	1
PL.8664	PD.1764	A	#2 ACSR	7.35Y	122.5	0.00	2.46	0.45	0	3	1	95	0.00	0.0	4.207	0.014	0	0	0	1
PL.8314	PL.8664	A	#2 ACSR	7.35Y	122.5	0.00	2.46	0.45	0	3	1	95	0.00	0.0	4.250	0.043	3	1	1	1
PL.8313	PL.9554	A	#2 ACSR	7.35Y	122.5	0.01	2.46	0.89	1	6	2	95	0.00	0.0	4.451	0.262	2	0	1	4
PL.9001	PL.8313	A	#2 ACSR	7.35Y	122.5	0.00	2.47	0.65	0	5	1	98	0.00	0.0	4.530	0.079	2	0	1	3
PL.9002	PL.9001	A	#2 ACSR	7.35Y	122.5	0.00	2.47	0.38	0	3	1	95	0.00	0.0	4.765	0.235	3	1	2	2
PL.10023	PL.8820	A	#4 ACSR	7.44Y	124.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	3.212	0.005	0	0	0	0
PD.1642	PL.10023	A	40T	7.44Y	124.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	3.212	0.005	0	0	0	0
PL.10024	PD.1642	A	#4 ACSR	7.44Y	124.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	3.472	0.260	0	0	0	0
PL.8653	PL.9534	C	6 A (CWC)	7.14Y	119.1	0.00	5.93	0.16	0	1	0	100	0.00	0.0	2.875	0.005	0	0	0	1
PD.1758	PL.8653	C	40T	7.14Y	119.1	0.00	5.93	0.16	0	1	0	100	0.00	0.0	2.875	0.005	0	0	0	1
PL.8654	PD.1758	C	6 A (CWC)	7.14Y	119.1	0.00	5.93	0.16	0	1	0	100	0.00	0.0	2.927	0.051	1	0	1	1
PL.10007	PL.9534	A	#2 ACSR	7.14Y	119.1	0.00	5.93	0.14	0	1	0	100	0.00	0.0	2.875	0.004	0	0	0	1
PD.1838	PL.10007	A	40T	7.14Y	119.1	0.00	5.93	0.14	0	1	0	100	0.00	0.0	2.875	0.004	0	0	0	1
PL.10008	PD.1838	A	#2 ACSR	7.14Y	119.1	0.00	5.93	0.14	0	1	0	100	0.00	0.0	2.955	0.080	1	0	1	1
PL.8651	PL.8419	C	#4 ACSR	7.17Y	119.5	0.00	5.52	0.43	0	3	1	95	0.00	0.0	2.618	0.004	0	0	0	2

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Balanced Voltage Drop Report
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Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.1757	PL.8651	C	40T	7.17Y	119.5	0.00	5.52	0.43	0	3	1	95	0.00	0.0	2.618	0.004	0	0	0	2
PL.8652	PD.1757	C	#4 ACSR	7.17Y	119.5	0.00	5.52	0.43	0	3	1	95	0.00	0.0	2.702	0.084	2	0	1	2
PL.9531	PL.8652	C	#4 ACSR	7.17Y	119.5	0.00	5.52	0.16	0	1	0	100	0.00	0.0	2.801	0.100	1	0	1	1
PL.10005	PL.8419	A	6 A (CWC)	7.17Y	119.5	0.00	5.52	1.39	1	10	3	96	0.00	0.0	2.618	0.004	0	0	0	3
PD.1837	PL.10005	A	40T	7.17Y	119.5	0.00	5.52	1.39	0	10	3	96	0.00	0.0	2.618	0.004	0	0	0	3
PL.10006	PD.1837	A	6 A (CWC)	7.17Y	119.5	0.00	5.52	1.39	1	10	3	96	0.00	0.0	2.684	0.066	2	1	2	3
PL.9532	PL.10006	A	6 A (CWC)	7.17Y	119.5	0.00	5.52	1.09	1	8	2	97	0.00	0.0	2.731	0.047	8	2	1	1
PL.8816	PL.8815	ABC	336 MCM AC	7.18Y	119.6	0.04	5.36	164.54	32	3385	1050	96	0.72	0.0	2.527	0.032	1	0	1	816
PL.8261	PL.8816	ABC	#3/0 ACSR	7.17Y	119.4	0.20	5.56	164.47	55	3383	1048	96	4.18	0.1	2.619	0.092	0	0	0	815
PL.9933	PL.8261	C	#4 ACSR	7.17Y	119.4	0.00	5.56	4.36	3	30	8	97	0.00	0.0	2.623	0.005	0	0	0	7
PD.1799	PL.9933	C	65T	7.17Y	119.4	0.00	5.56	4.36	0	30	8	97	0.00	0.0	2.623	0.005	0	0	0	7
PL.9934	PD.1799	C	#4 ACSR	7.17Y	119.4	0.01	5.57	4.36	3	30	8	97	0.00	0.0	2.680	0.057	7	2	2	7
PL.8262	PL.9934	C	#1/0 ACSR	7.17Y	119.4	0.00	5.57	2.76	1	19	5	97	0.00	0.0	2.726	0.045	3	1	2	3
PL.8263	PL.8262	C	#1/0 ACSR	7.17Y	119.4	0.00	5.57	2.29	1	16	4	97	0.00	0.0	2.749	0.024	16	4	1	1
PL.9283	PL.9934	C	#4 ACSR	7.17Y	119.4	0.00	5.57	0.52	0	4	1	97	0.00	0.0	2.727	0.047	4	1	2	2
PL.9239	PL.8261	ABC	#3/0 ACSR	7.16Y	119.3	0.15	5.70	163.02	54	3349	1034	96	3.08	0.1	2.688	0.069	8	2	2	808
PL.8264	PL.9239	ABC	#3/0 ACSR	7.15Y	119.1	0.16	5.86	161.54	54	3315	1021	96	3.27	0.1	2.762	0.074	0	0	0	800
PL.9929	PL.8264	C	#4 ACSR	7.15Y	119.1	0.00	5.86	0.23	0	2	0	100	0.00	0.0	2.767	0.005	0	0	0	1
PD.1797	PL.9929	C	65T	7.15Y	119.1	0.00	5.86	0.23	0	2	0	100	0.00	0.0	2.767	0.005	0	0	0	1
PL.9930	PD.1797	C	#4 ACSR	7.15Y	119.1	0.00	5.86	0.23	0	2	0	100	0.00	0.0	2.812	0.045	2	0	1	1
PL.9631	PL.9930	C	#4 ACSR	7.15Y	119.1	0.00	5.86	0.00	0	0	0	100	0.00	0.0	2.938	0.126	0	0	0	0
PL.8880	PL.8264	ABC	#3/0 ACSR	7.14Y	119.0	0.10	5.96	161.47	54	3310	1016	96	2.11	0.1	2.810	0.048	0	0	0	799
PL.9909	PL.8880	A	#1/0 ACSR	7.14Y	119.0	0.00	5.96	0.08	0	1	0	100	0.00	0.0	2.814	0.004	0	0	0	2
PD.1786	PL.9909	A	65T	7.14Y	119.0	0.00	5.96	0.08	0	1	0	100	0.00	0.0	2.814	0.004	0	0	0	2
PL.9910	PD.1786	A	#1/0 ACSR	7.14Y	119.0	0.00	5.96	0.08	0	1	0	100	0.00	0.0	2.832	0.017	1	0	2	2
PL.9632	PL.8880	ABC	#3/0 ACSR	7.14Y	119.0	0.07	6.03	161.44	54	3308	1013	96	1.51	0.0	2.845	0.035	16	4	6	797
PL.9633	PL.9632	ABC	#3/0 ACSR	7.13Y	118.8	0.12	6.15	160.68	54	3290	1007	96	2.51	0.1	2.903	0.058	24	6	3	791
PL.9911	PL.9633	A	#4 ACSR	7.13Y	118.8	0.00	6.15	1.19	1	8	2	97	0.00	0.0	2.908	0.005	0	0	0	3
PD.1787	PL.9911	A	65T	7.13Y	118.8	0.00	6.15	1.19	0	8	2	97	0.00	0.0	2.908	0.005	0	0	0	3
PL.9912	PD.1787	A	#4 ACSR	7.13Y	118.8	0.00	6.15	1.19	1	8	2	97	0.00	0.0	2.959	0.051	0	0	1	3
PL.9685	PL.9912	A	#4 ACSR	7.13Y	118.8	0.00	6.15	1.14	1	8	2	97	0.00	0.0	2.972	0.013	0	0	0	2

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
PL.8269	PL.9685	A	#1/0 ACSR	7.13Y	118.8	0.00	6.15	0.95	0	7	2	96	0.00	0.0	3.017	0.045	7	2	1	1	
PL.8882	PL.9685	A	#4 ACSR	7.13Y	118.8	0.00	6.15	0.19	0	1	0	100	0.00	0.0	3.019	0.047	1	0	1	1	
PL.8881	PL.9633	ABC	#3/0 ACSR	7.13Y	118.8	0.07	6.22	159.11	53	3255	995	96	1.48	0.0	2.938	0.035	21	6	4	785	
PL.8883	PL.8881	ABC	#3/0 ACSR	7.12Y	118.6	0.17	6.39	158.08	53	3232	987	96	3.45	0.1	3.020	0.082	8	2	3	781	
PL.9629	PL.8883	ABC	#3/0 ACSR	7.11Y	118.5	0.13	6.52	157.27	52	3212	978	96	2.69	0.1	3.085	0.065	0	0	1	777	
PL.9630	PL.9629	ABC	#3/0 ACSR	7.10Y	118.4	0.06	6.59	157.25	52	3209	973	96	1.33	0.0	3.117	0.032	3	1	2	776	
PL.9625	PL.9630	ABC	#3/0 ACSR	7.10Y	118.3	0.11	6.69	151.99	51	3099	943	96	2.16	0.1	3.173	0.056	2	0	1	747	
PL.9626	PL.9625	ABC	#3/0 ACSR	7.09Y	118.2	0.10	6.79	151.91	51	3095	940	96	1.89	0.1	3.222	0.049	4	1	3	746	
PL.9616	PL.9626	ABC	#3/0 ACSR	7.09Y	118.1	0.07	6.86	151.70	51	3089	936	96	1.46	0.0	3.260	0.038	4	1	2	743	
PL.9617	PL.9616	ABC	#3/0 ACSR	7.08Y	118.0	0.12	6.98	151.52	51	3084	933	96	2.32	0.1	3.320	0.060	12	3	2	741	
L PL.9272	PL.9617	ABC	#3/0 ACSR	7.07Y	117.8	0.19	7.17	149.91	50	3049	921	96	3.70	0.1	3.419	0.099	26	7	4	732	L
L PL.9905	PL.9272	C	#4 ACSR	7.07Y	117.8	0.00	7.17	4.55	3	31	8	97	0.00	0.0	3.430	0.012	0	0	0	7	L
L PD.1784	PL.9905	C	65T	7.07Y	117.8	0.00	7.17	4.55	0	31	8	97	0.00	0.0	3.430	0.012	0	0	0	7	L
L PL.9906	PD.1784	C	#4 ACSR	7.07Y	117.8	0.01	7.19	4.55	3	31	8	97	0.00	0.0	3.501	0.071	7	2	1	7	L
L PL.8281	PL.9906	C	#4 ACSR	7.07Y	117.8	0.01	7.19	3.50	3	24	6	97	0.00	0.0	3.555	0.054	9	2	2	6	L
L PL.8282	PL.8281	C	#4 ACSR	7.07Y	117.8	0.00	7.20	2.17	2	15	4	97	0.00	0.0	3.598	0.043	5	1	1	4	L
L PL.9619	PL.8282	C	#4 ACSR	7.07Y	117.8	0.00	7.20	1.49	1	10	3	96	0.00	0.0	3.652	0.055	10	3	3	3	L
L PL.8885	PL.9272	ABC	#3/0 ACSR	7.06Y	117.7	0.14	7.31	147.12	49	2988	900	96	2.79	0.1	3.495	0.077	0	0	0	721	L
L PL.8280	PL.8885	ABC	#3/0 ACSR	7.05Y	117.6	0.14	7.45	146.17	49	2965	891	96	2.58	0.1	3.567	0.072	0	0	0	716	L
L PL.9612	PL.8280	C	#4 ACSR	7.05Y	117.5	0.04	7.49	25.41	20	173	46	97	0.06	0.0	3.605	0.038	5	1	3	37	L
L PL.9613	PL.9612	C	#4 ACSR	7.05Y	117.5	0.05	7.54	24.67	19	168	44	97	0.06	0.0	3.648	0.043	0	0	1	34	L
L PL.9614	PL.9613	C	#2 ACSR	7.05Y	117.5	0.01	7.54	5.20	3	35	9	97	0.00	0.0	3.686	0.038	9	2	2	5	L
L PL.9615	PL.9614	C	#2 ACSR	7.05Y	117.5	0.00	7.55	3.94	2	27	7	97	0.00	0.0	3.708	0.022	19	5	2	3	L
L PL.8294	PL.9615	C	#1/0 ACSR	7.05Y	117.5	0.00	7.55	1.17	1	8	2	97	0.00	0.0	3.767	0.060	8	2	1	1	L
L PL.8286	PL.9613	C	6 A (CWC)	7.05Y	117.5	0.00	7.54	19.47	14	133	35	97	0.00	0.0	3.652	0.004	0	0	0	28	L
L PD.1782	PL.8286	C	25T	7.05Y	117.5	0.00	7.54	19.47	0	133	35	97	0.00	0.0	3.652	0.004	0	0	0	28	L
L PL.9270	PD.1782	C	#4 ACSR	7.05Y	117.5	0.00	7.54	0.75	1	5	1	98	0.00	0.0	3.657	0.005	0	0	0	1	L
L PL.8285	PL.9270	C	#4 ACSR	7.05Y	117.5	0.00	7.54	0.75	1	5	1	98	0.00	0.0	3.760	0.104	5	1	1	1	L
L PL.9608	PD.1782	C	6 A (CWC)	7.04Y	117.4	0.04	7.58	18.72	13	128	33	97	0.04	0.0	3.701	0.049	4	1	2	27	L
L PL.9609	PL.9608	C	6 A (CWC)	7.04Y	117.4	0.04	7.62	18.12	13	123	32	97	0.04	0.0	3.749	0.048	9	2	3	25	L
L PL.9610	PL.9609	C	6 A (CWC)	7.04Y	117.3	0.03	7.65	16.82	12	115	30	97	0.03	0.0	3.792	0.043	3	1	1	22	L

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.9611	PL.9610	C	6 A (CWC)	7.04Y	117.3	0.02	7.68	16.33	12	111	29	97	0.02	0.0	3.821	0.029	1	0	1	21	L
L PL.8287	PL.9611	C	6 A (CWC)	7.04Y	117.3	0.05	7.73	16.23	12	111	29	97	0.04	0.0	3.903	0.082	25	7	4	20	L
L PL.9603	PL.8287	C	6 A (CWC)	7.04Y	117.3	0.01	7.74	4.96	4	34	9	97	0.00	0.0	3.964	0.061	0	0	0	7	L
L PL.9604	PL.9603	C	6 A (CWC)	7.04Y	117.3	0.00	7.75	4.96	4	34	9	97	0.00	0.0	3.986	0.022	22	6	4	7	L
L PL.9605	PL.9604	C	6 A (CWC)	7.04Y	117.3	0.00	7.75	1.78	1	12	3	97	0.00	0.0	4.029	0.044	12	3	3	3	L
L PL.9601	PL.8287	C	#4 ACSR	7.03Y	117.2	0.02	7.75	7.61	6	52	14	97	0.01	0.0	3.971	0.068	3	1	1	9	L
L PL.9602	PL.9601	C	#4 ACSR	7.03Y	117.2	0.00	7.76	7.23	6	49	13	97	0.00	0.0	3.982	0.011	0	0	0	8	L
L PL.8887	PL.9602	C	#4 ACSR	7.03Y	117.2	0.01	7.77	6.71	5	46	12	97	0.00	0.0	4.019	0.037	11	3	2	7	L
L PL.8289	PL.8887	C	#4 ACSR	7.03Y	117.2	0.01	7.78	5.10	4	35	9	97	0.00	0.0	4.067	0.048	0	0	1	5	L
L PL.8290	PL.8289	C	#4 ACSR	7.03Y	117.2	0.00	7.78	1.39	1	9	2	98	0.00	0.0	4.094	0.026	9	2	1	1	L
L PL.8292	PL.8289	C	#4 ACSR	7.03Y	117.2	0.00	7.78	2.02	2	14	4	96	0.00	0.0	4.140	0.073	8	2	1	2	L
L PL.8293	PL.8292	C	#4 ACSR	7.03Y	117.2	0.00	7.78	0.77	1	5	1	98	0.00	0.0	4.284	0.144	5	1	1	1	L
L PL.8291	PL.8289	C	#4 ACSR	7.03Y	117.2	0.00	7.78	1.69	1	12	3	97	0.00	0.0	4.147	0.079	12	3	1	1	L
L PL.8288	PL.9602	C	#4 ACSR	7.03Y	117.2	0.00	7.76	0.52	0	4	1	97	0.00	0.0	4.048	0.066	4	1	1	1	L
L PL.8886	PL.8280	ABC	#3/0 ACSR	7.04Y	117.3	0.20	7.65	137.70	46	2789	842	96	3.63	0.1	3.681	0.114	2	0	1	679	L
L PL.8888	PL.8886	ABC	#3/0 ACSR	7.03Y	117.2	0.14	7.79	136.77	46	2767	831	96	2.55	0.1	3.763	0.082	18	5	2	671	L
L PL.8889	PL.8888	ABC	#3/0 ACSR	7.02Y	117.0	0.16	7.96	135.88	45	2746	823	96	2.90	0.1	3.856	0.094	0	0	0	669	L
L PL.9987	PL.8889	C	#4 ACSR	7.02Y	117.0	0.00	7.96	3.96	3	27	7	97	0.00	0.0	3.861	0.005	0	0	0	5	L
L PD.1829	PL.9987	C	65T	7.02Y	117.0	0.00	7.96	3.96	0	27	7	97	0.00	0.0	3.861	0.005	0	0	0	5	L
L PL.9988	PD.1829	C	#4 ACSR	7.02Y	117.0	0.01	7.96	3.96	3	27	7	97	0.00	0.0	3.907	0.046	10	3	1	5	L
L PL.9607	PL.9988	C	#4 ACSR	7.02Y	117.0	0.00	7.97	2.54	2	17	5	96	0.00	0.0	3.941	0.034	9	2	1	4	L
L PL.9606	PL.9607	C	#4 ACSR	7.02Y	117.0	0.00	7.97	1.16	1	8	2	97	0.00	0.0	3.967	0.026	8	2	3	3	L
L PL.8890	PL.8889	ABC	#3/0 ACSR	7.02Y	117.0	0.08	8.04	134.56	45	2716	812	96	1.42	0.1	3.903	0.047	0	0	0	664	L
L PL.9827	PL.8890	ABC	#3/0 ACSR	7.01Y	116.9	0.05	8.09	120.54	40	2445	680	96	0.85	0.0	3.938	0.035	5	1	1	663	L
L PL.9828	PL.9827	ABC	#3/0 ACSR	7.01Y	116.9	0.01	8.10	120.31	40	2439	677	96	0.16	0.0	3.944	0.007	0	0	0	662	L
L PL.10099	PL.9828	A	6 A (CWC)	7.01Y	116.9	0.00	8.10	23.87	17	162	43	97	0.00	0.0	3.947	0.003	0	0	0	52	L
L PD.1850	PL.10099	A	50L	7.01Y	116.9	0.00	8.10	23.87	48	162	43	97	0.00	0.0	3.947	0.003	0	0	0	52	L
L PL.10100	PD.1850	A	6 A (CWC)	7.01Y	116.9	0.02	8.12	23.87	17	162	43	97	0.02	0.0	3.962	0.015	7	2	1	52	L
L PL.9686	PL.10100	A	6 A (CWC)	7.01Y	116.8	0.07	8.19	22.79	16	155	41	97	0.09	0.1	4.034	0.072	1	0	1	51	L
L PL.9687	PL.9686	A	6 A (CWC)	7.00Y	116.7	0.08	8.28	22.58	16	153	40	97	0.10	0.1	4.117	0.083	4	1	2	50	L
L PL.9269	PL.9687	A	6 A (CWC)	7.00Y	116.7	0.05	8.32	22.01	16	149	39	97	0.05	0.0	4.163	0.047	3	1	1	48	L

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.8892	PL.9269	A	6 A (CWC)	7.00Y	116.7	0.02	8.34	20.65	15	140	37	97	0.02	0.0	4.181	0.017	3	1	1	44	L
L PL.9518	PL.8892	A	6 A (CWC)	7.00Y	116.6	0.06	8.40	20.13	14	136	36	97	0.06	0.0	4.254	0.073	20	5	4	43	L
L PL.9521	PL.9518	A	6 A (CWC)	6.99Y	116.5	0.06	8.46	17.17	12	116	31	97	0.05	0.0	4.328	0.074	9	2	2	39	L
L PL.9522	PL.9521	A	6 A (CWC)	6.99Y	116.5	0.03	8.49	15.84	11	107	28	97	0.02	0.0	4.367	0.039	0	0	0	37	L
L PL.9523	PL.9522	A	6 A (CWC)	6.99Y	116.5	0.06	8.54	15.84	11	107	28	97	0.05	0.0	4.446	0.079	3	1	1	37	L
L PL.9524	PL.9523	A	6 A (CWC)	6.98Y	116.3	0.12	8.67	15.45	11	104	27	97	0.10	0.1	4.622	0.176	0	0	0	36	L
L PL.9525	PL.9524	A	6 A (CWC)	6.98Y	116.3	0.07	8.73	13.06	9	88	23	97	0.04	0.1	4.737	0.115	7	2	1	29	L
L PL.9526	PL.9525	A	6 A (CWC)	6.97Y	116.1	0.13	8.86	11.97	9	81	21	97	0.08	0.1	4.984	0.247	6	2	2	28	L
L PL.9528	PL.9526	A	6 A (CWC)	6.97Y	116.1	0.03	8.90	11.03	8	74	19	97	0.02	0.0	5.052	0.068	0	0	0	26	L
L PL.8894	PL.9528	A	6 A (CWC)	6.96Y	116.1	0.03	8.92	5.92	4	40	10	97	0.01	0.0	5.155	0.103	0	0	0	14	L
L PL.8367	PL.8894	A	#4 ACSR	6.96Y	116.1	0.00	8.92	0.53	0	4	1	97	0.00	0.0	5.202	0.047	4	1	2	2	L
L PL.9274	PL.8894	A	6 A (CWC)	6.96Y	116.0	0.03	8.95	5.39	4	36	10	96	0.01	0.0	5.271	0.116	1	0	1	12	L
L PL.10019	PL.9274	A	6 A (CWC)	6.96Y	116.0	0.00	8.95	1.66	1	11	3	96	0.00	0.0	5.276	0.005	0	0	0	3	L
L PD.1640	PL.10019	A	20T	6.96Y	116.0	0.00	8.95	1.66	0	11	3	96	0.00	0.0	5.276	0.005	0	0	0	3	L
L PL.10020	PD.1640	A	6 A (CWC)	6.96Y	116.0	0.01	8.97	1.66	1	11	3	96	0.00	0.0	5.452	0.176	0	0	0	3	L
L PL.8781	PL.10020	A	6 A (CWC)	6.96Y	116.0	0.02	8.98	1.65	1	11	3	96	0.00	0.0	5.658	0.206	0	0	0	2	L
L PL.8782	PL.8781	A	#4 ACSR	6.96Y	116.0	0.01	8.99	1.65	1	11	3	96	0.00	0.0	5.773	0.115	0	0	0	2	L
L PL.9241	PL.8782	A	#4 ACSR	6.96Y	116.0	0.01	9.00	1.65	1	11	3	96	0.00	0.0	5.913	0.140	0	0	0	2	L
L PL.8779	PL.9241	A	#4 ACSR	6.96Y	116.0	0.00	9.00	0.78	1	5	1	98	0.00	0.0	5.930	0.017	5	1	1	1	L
L PL.9242	PL.9241	A	#4 ACSR	6.96Y	116.0	0.00	9.00	0.87	1	6	2	95	0.00	0.0	5.952	0.039	6	2	1	1	L
L PL.8780	PL.8782	A	#4 ACSR	6.96Y	116.0	0.00	8.99	0.00	0	0	0	100	0.00	0.0	6.055	0.282	0	0	0	0	L
L PL.9240	PL.10020	A	6 A (CWC)	6.96Y	116.0	0.00	8.97	0.01	0	0	0	100	0.00	0.0	5.512	0.060	0	0	1	1	L
L PL.8433	PL.9274	A	6 A (CWC)	6.96Y	116.0	0.01	8.96	2.67	2	18	5	96	0.00	0.0	5.376	0.105	0	0	3	6	L
L PL.8436	PL.8433	A	#2 ACSR	6.96Y	116.0	0.00	8.97	2.67	2	18	5	96	0.00	0.0	5.396	0.019	0	0	0	3	L
L PL.8437	PL.8436	A	#2 ACSR	6.96Y	116.0	0.00	8.97	0.68	0	5	1	98	0.00	0.0	5.458	0.062	5	1	1	1	L
L PL.8438	PL.8436	A	#2 ACSR	6.96Y	116.0	0.00	8.97	1.99	1	13	4	96	0.00	0.0	5.425	0.029	13	4	2	2	L
L PL.9275	PL.9274	A	6 A (CWC)	6.96Y	116.0	0.00	8.96	0.88	1	6	2	95	0.00	0.0	5.352	0.081	0	0	0	2	L
L PL.8895	PL.9275	A	6 A (CWC)	6.96Y	116.0	0.00	8.96	0.88	1	6	2	95	0.00	0.0	5.452	0.100	6	2	1	2	L
L PL.10153	PL.8895	A	#1/0 ACSR	6.96Y	116.0	0.00	8.96	0.00	0	0	0	100	0.00	0.0	5.539	0.087	0	0	1	1	L
L PL.8435	PL.9275	A	#4 ACSR	6.96Y	116.0	0.00	8.96	0.00	0	0	0	100	0.00	0.0	5.414	0.062	0	0	0	0	L
L PL.9273	PL.9528	A	6 A (CWC)	6.96Y	116.1	0.03	8.92	5.11	4	34	9	97	0.01	0.0	5.184	0.131	6	2	1	12	L

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.9276	PL.9273	A	6 A (CWC)	6.96Y	116.1	0.01	8.93	3.62	3	24	6	97	0.00	0.0	5.237	0.053	4	1	1	9	L
L PL.8364	PL.9276	A	6 A (CWC)	6.96Y	116.1	0.01	8.94	1.63	1	11	3	96	0.00	0.0	5.375	0.138	2	1	2	5	L
L PL.8365	PL.8364	A	#4 ACSR	6.96Y	116.1	0.00	8.94	0.01	0	0	0	100	0.00	0.0	5.538	0.163	0	0	1	1	L
L PL.9808	PL.8364	A	6 A (CWC)	6.96Y	116.1	0.00	8.95	1.33	1	9	2	98	0.00	0.0	5.437	0.062	0	0	0	2	L
L PL.9809	PL.9808	A	6 A (CWC)	6.96Y	116.1	0.00	8.95	1.33	1	9	2	98	0.00	0.0	5.463	0.026	9	2	2	2	L
L PL.9277	PL.9276	A	6 A (CWC)	6.96Y	116.1	0.00	8.93	1.42	1	10	2	98	0.00	0.0	5.266	0.029	10	2	3	3	L
L PL.8363	PL.9273	A	#4 ACSR	6.96Y	116.1	0.00	8.92	0.63	0	4	1	97	0.00	0.0	5.195	0.012	0	0	0	2	L
L PL.8366	PL.8363	A	#4 ACSR	6.96Y	116.1	0.00	8.93	0.63	0	4	1	97	0.00	0.0	5.233	0.038	4	1	2	2	L
L PL.8359	PL.9524	A	#4 ACSR	6.98Y	116.3	0.01	8.68	2.39	2	16	4	97	0.00	0.0	4.750	0.128	0	0	0	7	L
L PL.8361	PL.8359	A	#4 ACSR	6.98Y	116.3	0.00	8.68	0.39	0	3	1	95	0.00	0.0	4.807	0.057	1	0	2	3	L
L PL.8362	PL.8361	A	#4 ACSR	6.98Y	116.3	0.00	8.68	0.29	0	2	1	89	0.00	0.0	4.860	0.054	2	1	1	1	L
L PL.8893	PL.8359	A	#4 ACSR	6.98Y	116.3	0.00	8.68	2.00	2	14	4	96	0.00	0.0	4.776	0.026	14	4	4	4	L
L PL.8360	PL.8359	A	#2 ACSR	6.98Y	116.3	0.00	8.68	0.00	0	0	0	100	0.00	0.0	4.789	0.039	0	0	0	0	L
L PL.9519	PL.9269	A	#4 ACSR	7.00Y	116.7	0.00	8.33	0.96	1	7	2	96	0.00	0.0	4.266	0.102	3	1	2	3	L
L PL.9520	PL.9519	A	#4 ACSR	7.00Y	116.7	0.00	8.33	0.56	0	4	1	97	0.00	0.0	4.409	0.143	4	1	1	1	L
L PL.8356	PL.9687	A	#2 ACSR	7.00Y	116.7	0.00	8.28	0.00	0	0	0	100	0.00	0.0	4.157	0.040	0	0	0	0	L
L PL.8891	PL.9828	ABC	#3/0 ACSR	7.01Y	116.8	0.10	8.20	112.35	37	2277	634	96	1.51	0.1	4.016	0.071	0	0	1	610	L
L PL.8297	PL.8891	ABC	#3/0 ACSR	7.01Y	116.8	0.00	8.20	112.35	37	2276	632	96	0.03	0.0	4.017	0.001	0	0	0	609	L
RG.15	PL.8297	ABC	114.3 KVA	7.47Y	124.6	-7.79	0.42	112.35	75	2276	632	96	percent Boost= 6.25 Tap=10.0							609	
PL.8416	RG.15	ABC	#3/0 ACSR	7.47Y	124.6	0.00	0.42	105.33	35	2276	632	96	0.02	0.0	4.018	0.001	0	0	0	609	
PL.8296	PL.8416	ABC	#3/0 ACSR	7.46Y	124.3	0.25	0.67	105.33	35	2276	632	96	3.55	0.2	4.209	0.190	0	0	0	609	
PL.9243	PL.8296	ABC	#3/0 ACSR	7.45Y	124.2	0.16	0.83	105.23	35	2270	626	96	2.22	0.1	4.328	0.119	0	0	0	608	
PL.9901	PL.9243	C	#4 ACSR	7.45Y	124.2	0.00	0.83	0.39	0	3	1	95	0.00	0.0	4.333	0.005	0	0	0	2	
PD.1781	PL.9901	C	65T	7.45Y	124.2	0.00	0.83	0.39	0	3	1	95	0.00	0.0	4.333	0.005	0	0	0	2	
PL.9902	PD.1781	C	#4 ACSR	7.45Y	124.2	0.00	0.83	0.39	0	3	1	95	0.00	0.0	4.410	0.078	1	0	1	2	
PL.9577	PL.9902	C	#4 ACSR	7.45Y	124.2	0.00	0.83	0.26	0	2	0	100	0.00	0.0	4.453	0.043	2	0	1	1	
PL.9578	PL.9577	C	#4 ACSR	7.45Y	124.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	4.513	0.060	0	0	0	0	
PL.8298	PL.9243	ABC	#3/0 ACSR	7.44Y	124.0	0.15	0.98	105.10	35	2265	623	96	2.05	0.1	4.438	0.110	0	0	0	606	
PL.8896	PL.8298	ABC	#3/0 ACSR	7.43Y	123.8	0.21	1.18	104.95	35	2260	619	96	2.89	0.1	4.594	0.156	0	0	0	605	
PL.8302	PL.8896	ABC	336 MCM AC	7.42Y	123.7	0.11	1.29	64.24	12	1380	381	96	0.78	0.1	4.819	0.224	0	0	0	394	
PL.10045	PL.8302	A	#1/0 ACSR	7.42Y	123.7	0.00	1.29	1.46	1	10	3	96	0.00	0.0	4.823	0.005	0	0	0	1	

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
PD.1653	PL.10045	A	65T	7.42Y	123.7	0.00	1.29	1.46	0	10	3	96	0.00	0.0	4.823	0.005	0	0	0	1	
PL.10046	PD.1653	A	#1/0 ACSR	7.42Y	123.7	0.00	1.29	1.46	1	10	3	96	0.00	0.0	4.839	0.016	10	3	1	1	
PL.10127	PL.8302	ABC	336 MCM AC	7.42Y	123.7	0.02	1.31	63.75	12	1369	377	96	0.18	0.0	4.870	0.052	0	0	0	393	
C PD.1864	PL.10127	ABC	70L	7.42Y	123.7	0.00	1.31	63.75	91	1369	376	96	0.00	0.0	4.870	0.052	0	0	0	393	C
PL.10128	PD.1864	ABC	336 MCM AC	7.42Y	123.6	0.05	1.36	63.75	12	1369	376	96	0.33	0.0	4.966	0.096	9	2	2	393	
PL.9579	PL.10128	ABC	336 MCM AC	7.41Y	123.6	0.07	1.43	63.33	12	1359	373	96	0.52	0.0	5.119	0.153	0	0	0	391	
PL.9572	PL.9579	C	#1/0 ACSR	7.41Y	123.6	0.00	1.43	2.66	1	19	5	97	0.00	0.0	5.134	0.015	9	2	3	5	
PL.10041	PL.9572	C	#1/0 ACSR	7.41Y	123.6	0.00	1.43	1.44	1	10	3	96	0.00	0.0	5.138	0.005	0	0	0	2	
PD.1651	PL.10041	C	40T	7.41Y	123.6	0.00	1.43	1.44	0	10	3	96	0.00	0.0	5.138	0.005	0	0	0	2	
PL.10042	PD.1651	C	#1/0 ACSR	7.41Y	123.6	0.00	1.43	1.44	1	10	3	96	0.00	0.0	5.162	0.024	4	1	1	2	
PL.9573	PL.10042	C	#1/0 ACSR	7.41Y	123.6	0.00	1.43	0.82	0	6	2	95	0.00	0.0	5.219	0.056	6	2	1	1	
PL.8547	PL.9579	ABC	336 MCM AC	7.41Y	123.5	0.04	1.47	62.44	12	1339	367	96	0.31	0.0	5.215	0.096	11	3	2	386	
PL.8548	PL.8547	A	#1/0 ACSR	7.41Y	123.5	0.00	1.47	4.71	2	34	9	97	0.00	0.0	5.219	0.004	0	0	0	7	
PD.1779	PL.8548	A	40T	7.41Y	123.5	0.00	1.47	4.71	0	34	9	97	0.00	0.0	5.219	0.004	0	0	0	7	
PL.9262	PD.1779	A	6 A (CWC)	7.41Y	123.5	0.00	1.47	2.89	2	21	5	97	0.00	0.0	5.221	0.003	0	0	0	6	
PL.9568	PL.9262	A	6 A (CWC)	7.41Y	123.5	0.02	1.49	2.89	2	21	5	97	0.00	0.0	5.366	0.145	6	2	2	6	
PL.9569	PL.9568	A	6 A (CWC)	7.41Y	123.5	0.00	1.50	2.07	1	15	4	97	0.00	0.0	5.462	0.096	15	4	4	4	
PL.9145	PD.1779	A	#1/0 ACSR	7.41Y	123.5	0.00	1.48	1.82	1	13	3	97	0.00	0.0	5.292	0.074	13	3	1	1	
PL.8920	PL.8547	ABC	336 MCM AC	7.41Y	123.5	0.06	1.53	60.36	12	1295	355	96	0.42	0.0	5.351	0.136	9	2	1	377	
PL.9571	PL.8920	ABC	336 MCM AC	7.40Y	123.4	0.06	1.60	59.95	12	1285	351	96	0.42	0.0	5.489	0.138	0	0	0	376	
PL.8554	PL.9571	ABC	#1/0 ACSR	7.40Y	123.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	5.516	0.027	0	0	0	0	
PL.8550	PL.9571	ABC	#1/0 ACSR	7.40Y	123.4	0.02	1.62	59.95	26	1285	350	96	0.18	0.0	5.509	0.019	0	0	0	376	
PL.8551	PL.8550	C	6 A (CWC)	7.40Y	123.4	0.00	1.62	2.11	2	15	4	97	0.00	0.0	5.513	0.004	0	0	0	1	
PD.1778	PL.8551	C	40T	7.40Y	123.4	0.00	1.62	2.11	0	15	4	97	0.00	0.0	5.513	0.004	0	0	0	1	
PL.9264	PD.1778	C	6 A (CWC)	7.40Y	123.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	5.517	0.005	0	0	0	0	
PL.8552	PL.9264	C	6 A (CWC)	7.40Y	123.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	5.574	0.056	0	0	0	0	
PL.9146	PD.1778	C	6 A (CWC)	7.40Y	123.4	0.00	1.62	2.11	2	15	4	97	0.00	0.0	5.557	0.044	15	4	1	1	
PL.8921	PL.8550	ABC	#1/0 ACSR	7.40Y	123.3	0.13	1.75	59.24	26	1269	346	96	1.14	0.1	5.631	0.122	0	0	0	375	
PL.8553	PL.8921	C	6 A (CWC)	7.38Y	123.0	0.23	1.98	29.96	21	214	57	97	0.37	0.2	5.800	0.170	0	0	0	61	
PL.8923	PL.8553	C	6 A (CWC)	7.38Y	123.0	0.00	1.98	29.96	21	214	57	97	0.01	0.0	5.803	0.003	0	0	0	61	
PD.1849	PL.8923	C	50L	7.38Y	123.0	0.00	1.98	29.96	60	214	57	97	0.00	0.0	5.803	0.003	0	0	0	61	

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9266	PD.1849	C	#4 ACSR	7.38Y	123.0	0.00	1.98	0.47	0	3	1	95	0.00	0.0	5.808	0.005	0	0	0	2
PL.8586	PL.9266	C	#4 ACSR	7.38Y	123.0	0.00	1.98	0.47	0	3	1	95	0.00	0.0	5.861	0.053	3	1	2	2
PL.9031	PD.1849	C	6 A (CWC)	7.37Y	122.9	0.13	2.11	29.50	21	210	56	97	0.20	0.1	5.897	0.094	1	0	1	59
PL.9032	PL.9031	C	6 A (CWC)	7.37Y	122.8	0.08	2.19	29.29	21	209	55	97	0.13	0.1	5.960	0.063	10	3	3	58
PL.9029	PL.9032	C	6 A (CWC)	7.36Y	122.7	0.08	2.27	27.81	20	198	52	97	0.12	0.1	6.023	0.063	0	0	0	55
PL.9030	PL.9029	C	6 A (CWC)	7.35Y	122.6	0.15	2.42	27.81	20	198	52	97	0.22	0.1	6.143	0.120	7	2	3	55
PL.9564	PL.9030	C	6 A (CWC)	7.35Y	122.6	0.01	2.43	4.66	3	33	9	96	0.00	0.0	6.176	0.033	6	2	2	9
PL.9565	PL.9564	C	6 A (CWC)	7.35Y	122.6	0.01	2.43	3.82	3	27	7	97	0.00	0.0	6.224	0.048	7	2	1	7
PL.8924	PL.9565	C	6 A (CWC)	7.35Y	122.6	0.00	2.44	1.08	1	8	2	97	0.00	0.0	6.278	0.054	8	2	1	3
PL.9574	PL.8924	C	#4 ACSR	7.35Y	122.6	0.00	2.44	0.01	0	0	0	100	0.00	0.0	6.304	0.026	0	0	2	2
PL.9575	PL.9574	C	#4 ACSR	7.35Y	122.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	6.353	0.049	0	0	0	0
PL.8588	PL.9565	C	#1/0 ACSR	7.35Y	122.6	0.00	2.43	1.80	1	13	3	97	0.00	0.0	6.275	0.050	13	3	3	3
PL.9033	PL.9030	C	#2 ACSR	7.35Y	122.6	0.02	2.44	22.18	13	158	42	97	0.03	0.0	6.179	0.036	1	0	1	43
PL.9034	PL.9033	C	#2 ACSR	7.34Y	122.4	0.15	2.60	21.98	13	156	41	97	0.17	0.1	6.402	0.223	2	0	1	42
PL.9589	PL.9034	C	#2 ACSR	7.34Y	122.4	0.02	2.62	20.76	12	147	39	97	0.02	0.0	6.436	0.035	8	2	1	39
PL.9590	PL.9589	C	#2 ACSR	7.34Y	122.4	0.02	2.64	19.62	11	139	37	97	0.02	0.0	6.471	0.034	4	1	2	38
PL.9582	PL.9590	C	#2 ACSR	7.34Y	122.3	0.09	2.73	19.01	11	135	36	97	0.09	0.1	6.622	0.151	1	0	1	36
PL.9583	PL.9582	C	6 A (CWC)	7.33Y	122.2	0.07	2.80	18.90	13	134	35	97	0.07	0.1	6.705	0.084	1	0	1	35
PL.9584	PL.9583	C	6 A (CWC)	7.33Y	122.2	0.02	2.82	18.82	13	133	35	97	0.02	0.0	6.728	0.023	3	1	2	34
PL.10051	PL.9584	C	6 A (CWC)	7.33Y	122.2	0.00	2.82	14.23	10	101	27	97	0.00	0.0	6.732	0.004	0	0	0	21
PD.1656	PL.10051	C	15T	7.33Y	122.2	0.00	2.82	14.23	0	101	27	97	0.00	0.0	6.732	0.004	0	0	0	21
PL.10052	PD.1656	C	6 A (CWC)	7.33Y	122.1	0.06	2.89	14.23	10	101	27	97	0.05	0.0	6.832	0.099	6	2	2	21
PL.9588	PL.10052	C	6 A (CWC)	7.32Y	122.1	0.05	2.94	13.41	10	95	25	97	0.04	0.0	6.913	0.081	0	0	0	19
PL.8590	PL.9588	C	#1/0 ACSR	7.32Y	122.1	0.00	2.94	0.24	0	2	0	100	0.00	0.0	6.955	0.042	2	0	1	1
PL.9591	PL.9588	C	6 A (CWC)	7.32Y	122.0	0.05	2.98	13.17	9	93	25	97	0.03	0.0	6.992	0.079	1	0	1	18
PL.9592	PL.9591	C	6 A (CWC)	7.31Y	121.9	0.12	3.11	13.00	9	92	24	97	0.08	0.1	7.206	0.213	6	2	1	17
PL.9594	PL.9592	C	6 A (CWC)	7.31Y	121.9	0.04	3.14	12.16	9	86	23	97	0.02	0.0	7.270	0.065	0	0	0	16
PL.8591	PL.9594	C	#2 ACSR	7.31Y	121.9	0.00	3.14	1.73	1	12	3	97	0.00	0.0	7.306	0.035	12	3	2	2
PL.8928	PL.9594	C	6 A (CWC)	7.31Y	121.8	0.02	3.16	10.42	7	74	19	97	0.01	0.0	7.320	0.050	17	5	2	14
PL.8390	PL.8928	C	#1/0 ACSR	7.31Y	121.8	0.00	3.16	0.44	0	3	1	95	0.00	0.0	7.360	0.040	3	1	1	1
PL.8929	PL.8928	C	6 A (CWC)	7.31Y	121.8	0.06	3.22	7.53	5	53	14	97	0.02	0.0	7.489	0.169	2	1	1	11

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8592	PL.8929	C	#1/0 ACSR	7.31Y	121.8	0.00	3.22	1.59	1	11	3	96	0.00	0.0	7.541	0.053	11	3	1	1
PL.9595	PL.8929	C	6 A (CWC)	7.31Y	121.8	0.01	3.23	5.63	4	40	10	97	0.00	0.0	7.542	0.053	11	3	2	9
PL.9596	PL.9595	C	6 A (CWC)	7.31Y	121.8	0.01	3.24	4.10	3	29	8	96	0.00	0.0	7.593	0.051	0	0	1	7
PL.8593	PL.9596	C	6 A (CWC)	7.31Y	121.8	0.00	3.24	0.65	0	5	1	98	0.00	0.0	7.646	0.053	0	0	0	1
PL.8391	PL.8593	C	#2 ACSR	7.31Y	121.8	0.00	3.24	0.65	0	5	1	98	0.00	0.0	7.674	0.028	5	1	1	1
PL.8392	PL.8391	C	#1/0 ACSR	7.31Y	121.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	7.749	0.074	0	0	0	0
PL.8930	PL.9596	C	6 A (CWC)	7.30Y	121.7	0.01	3.25	3.43	2	24	6	97	0.00	0.0	7.690	0.097	2	0	1	5
PL.8594	PL.8930	C	#2 ACSR	7.30Y	121.7	0.00	3.26	1.28	1	9	2	98	0.00	0.0	7.757	0.067	9	2	1	1
PL.8393	PL.8930	C	#2 ACSR	7.30Y	121.7	0.00	3.26	1.11	1	8	2	97	0.00	0.0	7.740	0.050	0	0	1	2
PL.8394	PL.8393	C	#1/0 ACSR	7.30Y	121.7	0.00	3.26	1.11	0	8	2	97	0.00	0.0	7.801	0.061	8	2	1	1
PL.33078	PL.8930	C	#1/0 ACSR	7.30Y	121.7	0.00	3.26	0.80	0	6	1	99	0.00	0.0	7.750	0.060	6	1	1	1
PL.9585	PL.9584	C	6 A (CWC)	7.33Y	122.2	0.01	2.83	4.20	3	30	8	97	0.00	0.0	6.769	0.041	11	3	2	11
PL.9586	PL.9585	C	6 A (CWC)	7.33Y	122.2	0.00	2.83	2.62	2	19	5	97	0.00	0.0	6.795	0.026	0	0	0	9
PL.9587	PL.9586	C	6 A (CWC)	7.33Y	122.2	0.01	2.84	2.62	2	19	5	97	0.00	0.0	6.886	0.091	5	1	1	9
PL.9580	PL.9587	C	6 A (CWC)	7.33Y	122.2	0.00	2.84	0.66	0	5	1	98	0.00	0.0	6.988	0.102	1	0	2	7
PL.9581	PL.9580	C	6 A (CWC)	7.33Y	122.2	0.00	2.85	0.48	0	3	1	95	0.00	0.0	7.156	0.168	0	0	0	5
PL.8396	PL.9581	C	#1/0 ACSR	7.33Y	122.2	0.00	2.85	0.11	0	1	0	100	0.00	0.0	7.409	0.253	1	0	1	1
PL.8925	PL.9581	C	6 A (CWC)	7.33Y	122.2	0.00	2.85	0.37	0	3	1	95	0.00	0.0	7.264	0.108	0	0	0	4
PL.8926	PL.8925	C	6 A (CWC)	7.33Y	122.1	0.00	2.85	0.37	0	3	1	95	0.00	0.0	7.520	0.256	1	0	1	4
PL.8399	PL.8926	C	6 A (CWC)	7.33Y	122.1	0.00	2.85	0.27	0	2	0	100	0.00	0.0	7.559	0.038	0	0	0	3
PL.9759	PL.8399	C	#1/0 ACSR	7.33Y	122.1	0.00	2.85	0.27	0	2	0	100	0.00	0.0	7.668	0.109	2	0	2	3
PL.9760	PL.9759	C	#1/0 ACSR	7.33Y	122.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	7.892	0.224	0	0	0	1
PL.8927	PL.9760	C	#1/0 ACSR	7.33Y	122.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	7.944	0.052	0	0	0	0
PD.1629-B	PL.8927	C	Open	7.33Y	122.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	7.944	0.052	0	0	0	0
PL.8401	PL.9760	C	#2 ACSR	7.33Y	122.1	0.00	2.85	0.00	0	0	0	100	0.00	0.0	7.924	0.032	0	0	1	1
PL.8398	PL.8925	C	6 A (CWC)	7.33Y	122.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	7.406	0.142	0	0	0	0
PL.8395	PL.9587	C	#1/0 ACSR	7.33Y	122.2	0.00	2.84	1.31	1	9	2	98	0.00	0.0	6.945	0.059	9	2	1	1
PL.8589	PL.9034	C	#4 ACSR	7.34Y	122.4	0.00	2.60	0.96	1	7	2	96	0.00	0.0	6.446	0.044	7	2	2	2
PL.8587	PL.9032	C	#4 ACSR	7.37Y	122.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	5.987	0.027	0	0	0	0
PL.8922	PL.8921	ABC	#1/0 ACSR	7.39Y	123.1	0.14	1.89	49.25	21	1054	288	96	1.02	0.1	5.789	0.158	0	0	0	314
PL.9893	PL.8922	ABC	#1/0 ACSR	7.38Y	123.0	0.09	1.97	49.25	21	1053	287	96	0.62	0.1	5.885	0.096	0	0	0	314

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9894	PL.9893	ABC	#1/0 ACSR	7.38Y	122.9	0.10	2.07	49.25	21	1052	287	96	0.74	0.1	5.999	0.114	0	0	0	314
PL.8931	PL.9894	ABC	#1/0 ACSR	7.37Y	122.8	0.08	2.15	49.25	21	1052	286	96	0.56	0.1	6.086	0.086	0	0	0	314
PL.9882	PL.8931	B	#1/0 ACSR	7.37Y	122.8	0.00	2.15	0.21	0	1	0	100	0.00	0.0	6.090	0.004	0	0	0	1
PD.1776	PL.9882	B	40T	7.37Y	122.8	0.00	2.15	0.21	0	1	0	100	0.00	0.0	6.090	0.004	0	0	0	1
PL.9883	PD.1776	B	#1/0 ACSR	7.37Y	122.8	0.00	2.15	0.21	0	1	0	100	0.00	0.0	6.109	0.020	1	0	1	1
PL.8932	PL.8931	ABC	#1/0 ACSR	7.37Y	122.8	0.06	2.21	49.19	21	1050	285	97	0.40	0.0	6.148	0.062	0	0	0	313
PL.9024	PL.8932	ABC	#1/0 ACSR	7.36Y	122.7	0.05	2.26	49.07	21	1047	284	97	0.40	0.0	6.210	0.062	5	1	6	312
PL.9025	PL.9024	ABC	#1/0 ACSR	7.36Y	122.7	0.06	2.32	48.84	21	1041	282	97	0.41	0.0	6.274	0.065	8	2	4	306
PL.9026	PL.9025	ABC	#1/0 ACSR	7.36Y	122.7	0.02	2.34	48.47	21	1033	280	97	0.14	0.0	6.296	0.022	5	1	2	302
PL.9027	PL.9026	ABC	#1/0 ACSR	7.36Y	122.6	0.08	2.41	48.24	21	1028	279	97	0.54	0.1	6.384	0.088	0	0	0	300
PL.8384	PL.9027	A	6 A (CWC)	7.36Y	122.6	0.00	2.41	0.31	0	2	1	89	0.00	0.0	6.389	0.005	0	0	0	3
PD.1774	PL.8384	A	40T	7.36Y	122.6	0.00	2.41	0.31	0	2	1	89	0.00	0.0	6.389	0.005	0	0	0	3
PL.8385	PD.1774	A	6 A (CWC)	7.36Y	122.6	0.00	2.41	0.31	0	2	1	89	0.00	0.0	6.424	0.035	0	0	1	3
PL.9821	PL.8385	A	6 A (CWC)	7.36Y	122.6	0.00	2.41	0.29	0	2	1	89	0.00	0.0	6.496	0.072	2	1	2	2
PL.9822	PL.9821	A	6 A (CWC)	7.36Y	122.6	0.00	2.41	0.00	0	0	0	100	0.00	0.0	6.510	0.014	0	0	0	0
PL.9023	PL.9822	A	6 A (CWC)	7.36Y	122.6	0.00	2.41	0.00	0	0	0	100	0.00	0.0	6.887	0.378	0	0	0	0
PL.9567	PL.9023	A	6 A (CWC)	7.36Y	122.6	0.00	2.41	0.00	0	0	0	100	0.00	0.0	7.198	0.311	0	0	0	0
PL.8933	PL.9027	ABC	#1/0 ACSR	7.35Y	122.5	0.10	2.51	48.14	21	1025	277	97	0.72	0.1	6.501	0.117	7	2	1	297
PL.9022	PL.8933	ABC	#1/0 ACSR	7.35Y	122.4	0.06	2.57	47.79	21	1017	275	97	0.41	0.0	6.569	0.068	0	0	0	296
PL.8386	PL.9022	B	#4 ACSR	7.35Y	122.4	0.00	2.57	1.00	1	7	2	96	0.00	0.0	6.573	0.004	0	0	0	1
PD.1775	PL.8386	B	40T	7.35Y	122.4	0.00	2.57	1.00	0	7	2	96	0.00	0.0	6.573	0.004	0	0	0	1
PL.9881	PD.1775	B	#4 ACSR	7.35Y	122.4	0.00	2.57	1.00	1	7	2	96	0.00	0.0	6.628	0.055	7	2	1	1
PL.8934	PL.9022	ABC	#1/0 ACSR	7.34Y	122.3	0.08	2.65	47.46	21	1010	273	97	0.57	0.1	6.664	0.095	0	0	0	295
PL.9816	PL.8934	ABC	#1/0 ACSR	7.34Y	122.3	0.02	2.67	12.27	5	261	69	97	0.03	0.0	6.746	0.082	3	1	2	103
PL.10131	PL.9816	ABC	#1/0 ACSR	7.34Y	122.3	0.01	2.68	12.14	5	258	68	97	0.02	0.0	6.785	0.039	0	0	0	101
PD.1866	PL.10131	ABC	35L	7.34Y	122.3	0.00	2.68	12.14	35	258	68	97	0.00	0.0	6.785	0.039	0	0	0	101
PL.9886	PD.1866	ABC	#1/0 ACSR	7.34Y	122.3	0.02	2.70	12.14	5	258	68	97	0.03	0.0	6.869	0.084	1	0	1	101
PL.8555	PL.9886	ABC	#1/0 ACSR	7.34Y	122.3	0.01	2.71	12.10	5	258	68	97	0.02	0.0	6.925	0.056	0	0	0	100
PL.8936	PL.8555	ABC	#1/0 ACSR	7.34Y	122.3	0.02	2.73	11.58	5	246	65	97	0.04	0.0	7.037	0.112	0	0	0	97
PL.8937	PL.8936	ABC	#1/0 ACSR	7.33Y	122.2	0.03	2.76	11.44	5	243	64	97	0.06	0.0	7.199	0.162	0	0	0	96
PL.8938	PL.8937	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.77	10.91	5	232	61	97	0.01	0.0	7.238	0.039	0	0	0	90

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8940	PL.8938	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.78	10.75	5	229	60	97	0.01	0.0	7.286	0.047	0	0	0	89
PL.9955	PL.8940	C	#2 ACSR	7.33Y	122.2	0.00	2.78	2.51	1	18	5	96	0.00	0.0	7.290	0.004	0	0	0	4
PD.1810	PL.9955	C	15T	7.33Y	122.2	0.00	2.78	2.51	0	18	5	96	0.00	0.0	7.290	0.004	0	0	0	4
PL.9956	PD.1810	C	#2 ACSR	7.33Y	122.2	0.00	2.78	2.51	1	18	5	96	0.00	0.0	7.312	0.022	5	1	1	4
PL.8402	PL.9956	C	#2 ACSR	7.33Y	122.2	0.00	2.78	0.14	0	1	0	100	0.00	0.0	7.332	0.020	1	0	1	1
PL.8403	PL.9956	C	#2 ACSR	7.33Y	122.2	0.00	2.78	0.68	0	5	1	98	0.00	0.0	7.329	0.017	5	1	1	1
PL.8404	PL.9956	C	#2 ACSR	7.33Y	122.2	0.00	2.78	0.93	1	7	2	96	0.00	0.0	7.401	0.090	7	2	1	1
PL.9754	PL.8940	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.79	9.91	4	211	56	97	0.02	0.0	7.359	0.073	4	1	1	85
PL.9755	PL.9754	ABC	#1/0 ACSR	7.33Y	122.2	0.02	2.81	9.72	4	207	54	97	0.02	0.0	7.457	0.098	0	0	0	84
PL.8941	PL.9755	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.82	9.12	4	194	51	97	0.01	0.0	7.509	0.052	10	3	2	81
PL.8942	PL.8941	ABC	#1/0 ACSR	7.33Y	122.2	0.03	2.85	8.50	4	181	48	97	0.03	0.0	7.690	0.182	0	0	0	78
PL.8943	PL.8942	ABC	#1/0 ACSR	7.33Y	122.1	0.01	2.86	8.42	4	179	47	97	0.02	0.0	7.780	0.090	0	0	0	77
PL.9947	PL.8943	C	6 A (CWC)	7.33Y	122.1	0.00	2.86	0.52	0	4	1	97	0.00	0.0	7.784	0.004	0	0	0	2
PD.1806	PL.9947	C	15T	7.33Y	122.1	0.00	2.86	0.52	0	4	1	97	0.00	0.0	7.784	0.004	0	0	0	2
PL.9948	PD.1806	C	6 A (CWC)	7.33Y	122.1	0.00	2.86	0.52	0	4	1	97	0.00	0.0	7.812	0.028	0	0	0	2
PL.8406	PL.9948	C	6 A (CWC)	7.33Y	122.1	0.00	2.86	0.22	0	2	0	100	0.00	0.0	7.847	0.035	2	0	1	1
PL.8945	PL.9948	C	6 A (CWC)	7.33Y	122.1	0.00	2.86	0.30	0	2	1	89	0.00	0.0	7.890	0.078	2	1	1	1
PL.8944	PL.8943	ABC	#1/0 ACSR	7.33Y	122.1	0.05	2.91	8.25	4	175	46	97	0.05	0.0	8.094	0.314	9	2	2	75
PL.9973	PL.8944	A	#2 ACSR	7.33Y	122.1	0.00	2.91	4.06	2	29	8	96	0.00	0.0	8.099	0.005	0	0	0	10
PD.1819	PL.9973	A	15T	7.33Y	122.1	0.00	2.91	4.06	0	29	8	96	0.00	0.0	8.099	0.005	0	0	0	10
PL.9974	PD.1819	A	#2 ACSR	7.33Y	122.1	0.00	2.91	4.06	2	29	8	96	0.00	0.0	8.136	0.038	0	0	1	10
PL.8704	PL.9974	A	#1/0 ACSR	7.32Y	122.1	0.03	2.94	4.01	2	28	7	97	0.01	0.0	8.423	0.287	0	0	0	9
PL.9248	PL.8704	A	#1/0 ACSR	7.32Y	122.1	0.01	2.94	2.04	1	14	4	96	0.00	0.0	8.562	0.138	0	0	0	7
PL.9751	PL.9248	A	#1/0 ACSR	7.32Y	122.1	0.00	2.95	1.55	1	11	3	96	0.00	0.0	8.645	0.084	0	0	1	5
PL.9752	PL.9751	A	#1/0 ACSR	7.32Y	122.1	0.00	2.95	1.51	1	11	3	96	0.00	0.0	8.693	0.048	1	0	2	4
PL.9753	PL.9752	A	#1/0 ACSR	7.32Y	122.0	0.01	2.96	1.38	1	10	3	96	0.00	0.0	8.949	0.256	3	1	1	2
PL.9757	PL.9753	A	#1/0 ACSR	7.32Y	122.0	0.00	2.96	0.99	0	7	2	96	0.00	0.0	9.138	0.189	0	0	0	1
PL.8702	PL.9757	A	#2 ACSR	7.32Y	122.0	0.00	2.96	0.99	1	7	2	96	0.00	0.0	9.157	0.018	7	2	1	1
PL.9249	PL.9757	A	#1/0 ACSR	7.32Y	122.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	9.180	0.042	0	0	0	0
PL.8700	PL.9248	A	#4 ACSR	7.32Y	122.1	0.00	2.94	0.50	0	4	1	97	0.00	0.0	8.591	0.029	4	1	2	2
PL.9749	PL.8704	A	#2 ACSR	7.32Y	122.1	0.00	2.94	1.97	1	14	4	96	0.00	0.0	8.435	0.011	0	0	0	2

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9750	PL.9749	A	#2 ACSR	7.32Y	122.1	0.00	2.94	1.97	1	14	4	96	0.00	0.0	8.474	0.039	14	4	2	2
PL.9745	PL.8944	ABC	#1/0 ACSR	7.33Y	122.1	0.01	2.91	6.46	3	137	36	97	0.01	0.0	8.147	0.053	1	0	1	63
PL.9746	PL.9745	ABC	#1/0 ACSR	7.32Y	122.1	0.01	2.92	6.43	3	137	36	97	0.01	0.0	8.204	0.057	1	0	2	62
PL.9945	PL.9746	C	#2 ACSR	7.32Y	122.1	0.01	2.93	4.38	3	31	8	97	0.00	0.0	8.249	0.045	0	0	0	7
PD.1805	PL.9945	C	15T	7.32Y	122.1	0.00	2.93	4.38	0	31	8	97	0.00	0.0	8.249	0.045	0	0	0	7
PL.9946	PD.1805	C	#2 ACSR	7.32Y	122.1	0.00	2.93	4.38	3	31	8	97	0.00	0.0	8.282	0.033	16	4	3	7
PL.9744	PL.9946	C	#2 ACSR	7.32Y	122.1	0.01	2.93	2.12	1	15	4	97	0.00	0.0	8.385	0.103	6	2	1	4
PL.8668	PL.9744	C	#2 ACSR	7.32Y	122.1	0.00	2.94	1.25	1	9	2	98	0.00	0.0	8.483	0.098	3	1	1	3
PL.8669	PL.8668	C	#2 ACSR	7.32Y	122.1	0.00	2.94	0.78	0	6	1	99	0.00	0.0	8.626	0.144	3	1	1	2
PL.9748	PL.8669	C	#2 ACSR	7.32Y	122.1	0.00	2.94	0.42	0	3	1	95	0.00	0.0	9.229	0.602	3	1	1	1
PL.8946	PL.9746	ABC	#1/0 ACSR	7.32Y	122.1	0.00	2.92	4.90	2	104	27	97	0.00	0.0	8.243	0.039	0	0	0	53
PL.8667	PL.8946	B	6 A (CWC)	7.32Y	122.0	0.04	2.96	14.69	10	104	27	97	0.03	0.0	8.301	0.058	0	0	0	53
PL.8689	PL.8667	B	#4 ACSR	7.32Y	122.0	0.00	2.96	0.53	0	4	1	97	0.00	0.0	8.347	0.046	4	1	2	2
PL.8690	PL.8689	B	#1/0 ACSR	7.32Y	122.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	8.393	0.045	0	0	0	0
PL.8947	PL.8667	B	6 A (CWC)	7.31Y	121.9	0.12	3.09	14.16	10	100	26	97	0.09	0.1	8.494	0.193	0	0	0	51
PL.8948	PL.8947	B	6 A (CWC)	7.31Y	121.9	0.06	3.15	13.86	10	98	26	97	0.05	0.0	8.597	0.103	3	1	1	48
PL.8691	PL.8948	B	6 A (CWC)	7.31Y	121.8	0.07	3.22	13.37	10	95	25	97	0.05	0.1	8.714	0.117	7	2	2	47
PL.9738	PL.8691	B	#4 ACSR	7.31Y	121.8	0.00	3.22	1.97	2	14	4	96	0.00	0.0	8.771	0.057	2	0	1	4
PL.9739	PL.9738	B	#4 ACSR	7.31Y	121.8	0.00	3.23	1.72	1	12	3	97	0.00	0.0	8.855	0.084	9	2	1	3
PL.9740	PL.9739	B	#4 ACSR	7.31Y	121.8	0.00	3.23	0.49	0	3	1	95	0.00	0.0	8.894	0.039	1	0	1	2
PL.9741	PL.9740	B	#4 ACSR	7.31Y	121.8	0.00	3.23	0.39	0	3	1	95	0.00	0.0	9.006	0.113	3	1	1	1
PL.8950	PL.8691	B	6 A (CWC)	7.30Y	121.7	0.05	3.27	10.44	7	74	19	97	0.03	0.0	8.823	0.109	0	0	0	41
PL.8695	PL.8950	B	#4 ACSR	7.30Y	121.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	8.874	0.051	0	0	1	1
PL.8951	PL.8950	B	6 A (CWC)	7.30Y	121.7	0.04	3.31	10.44	7	74	19	97	0.02	0.0	8.912	0.089	0	0	1	40
PL.9943	PL.8951	B	#4 ACSR	7.30Y	121.7	0.00	3.31	0.97	1	7	2	96	0.00	0.0	8.916	0.005	0	0	0	4
PD.1804	PL.9943	B	15T	7.30Y	121.7	0.00	3.31	0.97	0	7	2	96	0.00	0.0	8.916	0.005	0	0	0	4
PL.9944	PD.1804	B	#4 ACSR	7.30Y	121.7	0.01	3.32	0.97	1	7	2	96	0.00	0.0	9.071	0.155	1	0	1	4
PL.9736	PL.9944	B	#4 ACSR	7.30Y	121.7	0.00	3.32	0.53	0	4	1	97	0.00	0.0	9.145	0.074	2	0	1	2
PL.9737	PL.9736	B	#4 ACSR	7.30Y	121.7	0.00	3.32	0.29	0	2	1	89	0.00	0.0	9.195	0.050	2	1	1	1
PL.9734	PL.9944	B	#4 ACSR	7.30Y	121.7	0.00	3.32	0.34	0	2	1	89	0.00	0.0	9.254	0.183	0	0	0	1
PL.9735	PL.9734	B	#4 ACSR	7.30Y	121.7	0.00	3.32	0.34	0	2	1	89	0.00	0.0	9.544	0.290	2	1	1	1

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8692	PL.8951	B	6 A (CWC)	7.30Y	121.6	0.05	3.37	9.41	7	66	17	97	0.03	0.0	9.038	0.126	3	1	1	35
PL.8699	PL.8692	B	6 A (CWC)	7.30Y	121.6	0.05	3.41	7.25	5	51	13	97	0.02	0.0	9.189	0.151	4	1	1	29
PL.9840	PL.8699	B	6 A (CWC)	7.29Y	121.6	0.02	3.43	6.71	5	47	12	97	0.01	0.0	9.245	0.056	0	0	0	28
PL.9841	PL.9840	B	6 A (CWC)	7.29Y	121.6	0.01	3.44	6.71	5	47	12	97	0.00	0.0	9.281	0.036	0	0	0	28
PL.65754	PL.9841	B	6 A (CWC)	7.29Y	121.6	0.00	3.44	6.41	5	45	12	97	0.00	0.0	9.284	0.003	0	0	0	27
PD.9590	PL.65754	B	100CodeSMo	7.29Y	121.6	0.00	3.44	6.41	0	45	12	97	0.00	0.0	9.284	0.003	0	0	0	27
PL.65755	PD.9590	B	6 A (CWC)	7.29Y	121.5	0.07	3.52	6.41	5	45	12	97	0.03	0.1	9.535	0.251	0	0	0	27
PL.10117	PL.65755	B	#1/0 ACSR	7.29Y	121.5	0.00	3.52	0.45	0	3	1	95	0.00	0.0	9.538	0.003	0	0	0	1
PD.1859	PL.10117	B	100CodeSMo	7.29Y	121.5	0.00	3.52	0.45	0	3	1	95	0.00	0.0	9.538	0.003	0	0	0	1
PL.10118	PD.1859	B	#1/0 ACSR	7.29Y	121.5	0.00	3.52	0.45	0	3	1	95	0.00	0.0	9.596	0.058	0	0	0	1
PL.10069	PL.10118	B	#1/0 ACSR	7.29Y	121.5	0.00	3.52	0.45	0	3	1	95	0.00	0.0	9.601	0.005	0	0	0	1
PD.1665	PL.10069	B	15T	7.29Y	121.5	0.00	3.52	0.45	0	3	1	95	0.00	0.0	9.601	0.005	0	0	0	1
PL.10070	PD.1665	B	#1/0 ACSR	7.29Y	121.5	0.00	3.52	0.45	0	3	1	95	0.00	0.0	10.075	0.475	0	0	0	1
PL.9171	PL.10070	B	#1/0 ACSR	7.29Y	121.5	0.00	3.53	0.45	0	3	1	95	0.00	0.0	10.749	0.674	3	1	1	1
PL.8785	PL.9171	B	#1/0 ACSR	7.29Y	121.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	10.831	0.082	0	0	0	0
PL.10119	PL.65755	B	6 A (CWC)	7.29Y	121.5	0.00	3.52	5.96	4	42	11	97	0.00	0.0	9.537	0.002	0	0	0	26
PL.10120	PL.10119	B	6 A (CWC)	7.28Y	121.4	0.12	3.63	5.96	4	42	11	97	0.04	0.1	9.963	0.425	0	0	0	26
PL.8637	PL.10120	B	#4 ACSR	7.28Y	121.4	0.00	3.63	0.24	0	2	0	100	0.00	0.0	10.151	0.188	2	0	1	1
PL.8955	PL.10120	B	6 A (CWC)	7.28Y	121.3	0.10	3.73	5.72	4	40	11	96	0.03	0.1	10.334	0.372	0	0	0	25
PL.8956	PL.8955	B	6 A (CWC)	7.26Y	121.1	0.20	3.93	5.49	4	39	10	97	0.06	0.1	11.122	0.788	0	0	0	24
PL.8738	PL.8956	B	6 A (CWC)	7.26Y	121.1	0.02	3.94	5.49	4	39	10	97	0.01	0.0	11.196	0.074	0	0	0	24
PL.8640	PL.8738	B	6 A (CWC)	7.26Y	121.0	0.01	3.95	1.65	1	12	3	97	0.00	0.0	11.312	0.116	1	0	1	8
PL.8741	PL.8640	B	6 A (CWC)	7.26Y	121.0	0.04	3.99	1.45	1	10	3	96	0.00	0.0	11.895	0.583	2	0	3	7
PL.9835	PL.8741	B	#4 ACSR	7.26Y	121.0	0.00	3.99	1.21	1	8	2	97	0.00	0.0	11.956	0.060	2	1	1	4
PL.9836	PL.9835	B	#4 ACSR	7.26Y	121.0	0.00	3.99	0.85	1	6	2	95	0.00	0.0	11.988	0.032	6	2	3	3
PL.9837	PL.9836	B	#4 ACSR	7.26Y	121.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	12.082	0.094	0	0	0	0
PL.9977	PL.8738	B	6 A (CWC)	7.26Y	121.1	0.00	3.95	3.84	3	27	7	97	0.00	0.0	11.201	0.005	0	0	0	16
PD.1821	PL.9977	B	15T	7.26Y	121.1	0.00	3.95	3.84	0	27	7	97	0.00	0.0	11.201	0.005	0	0	0	16
PL.9978	PD.1821	B	6 A (CWC)	7.26Y	121.0	0.01	3.96	3.84	3	27	7	97	0.00	0.0	11.270	0.069	5	1	3	16
PL.9259	PL.9978	B	6 A (CWC)	7.26Y	121.0	0.04	4.00	2.34	2	16	4	97	0.01	0.0	11.672	0.402	0	0	0	11
PL.9854	PL.9259	B	6 A (CWC)	7.26Y	121.0	0.00	4.00	1.94	1	14	4	96	0.00	0.0	11.713	0.041	4	1	2	9

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9855	PL.9854	B	6 A (CWC)	7.26Y	121.0	0.01	4.01	1.34	1	9	2	98	0.00	0.0	11.988	0.275	6	2	4	7
PL.8747	PL.9855	B	6 A (CWC)	7.26Y	121.0	0.00	4.01	0.52	0	4	1	97	0.00	0.0	12.040	0.052	4	1	3	3
PL.8745	PL.9259	B	6 A (CWC)	7.26Y	121.0	0.01	4.01	0.40	0	3	1	95	0.00	0.0	12.041	0.369	0	0	0	2
PL.8748	PL.8745	B	#4 ACSR	7.26Y	121.0	0.01	4.01	0.40	0	3	1	95	0.00	0.0	12.376	0.336	1	0	1	2
PL.9839	PL.8748	B	#2 ACSR	7.26Y	121.0	0.00	4.01	0.28	0	2	1	89	0.00	0.0	12.646	0.269	2	1	1	1
PL.8739	PL.9978	B	#2 ACSR	7.26Y	121.0	0.00	3.96	0.81	0	6	1	99	0.00	0.0	11.326	0.057	6	1	2	2
PL.8638	PL.8955	B	6 A (CWC)	7.28Y	121.3	0.00	3.73	0.23	0	2	0	100	0.00	0.0	10.526	0.192	2	0	1	1
PL.8634	PL.9841	B	6 A (CWC)	7.29Y	121.6	0.00	3.44	0.31	0	2	1	89	0.00	0.0	9.339	0.058	2	1	1	1
PL.8697	PL.8692	B	6 A (CWC)	7.30Y	121.6	0.01	3.37	0.68	0	5	1	98	0.00	0.0	9.314	0.276	0	0	0	4
PL.9820	PL.8697	B	6 A (CWC)	7.30Y	121.6	0.00	3.38	0.68	0	5	1	98	0.00	0.0	9.363	0.049	0	0	0	4
PL.8952	PL.9820	B	6 A (CWC)	7.30Y	121.6	0.00	3.38	0.66	0	5	1	98	0.00	0.0	9.481	0.118	0	0	0	3
PL.8693	PL.8952	B	#4 ACSR	7.30Y	121.6	0.00	3.38	0.42	0	3	1	95	0.00	0.0	9.630	0.148	3	1	2	2
PL.10223	PL.8952	B	6 A (CWC)	7.30Y	121.6	0.00	3.38	0.24	0	2	0	100	0.00	0.0	9.595	0.113	0	0	0	1
PL.10224	PL.10223	B	#1/0 ACSR	7.30Y	121.6	0.00	3.38	0.24	0	2	0	100	0.00	0.0	9.642	0.048	2	0	1	1
PL.8694	PL.9820	B	#4 ACSR	7.30Y	121.6	0.00	3.38	0.01	0	0	0	100	0.00	0.0	9.418	0.055	0	0	1	1
PL.8698	PL.8692	B	#4 ACSR	7.30Y	121.6	0.00	3.37	1.11	1	8	2	97	0.00	0.0	9.097	0.060	8	2	1	1
PL.9742	PL.8947	B	#4 ACSR	7.31Y	121.9	0.00	3.09	0.30	0	2	1	89	0.00	0.0	8.605	0.111	1	0	1	3
PL.9743	PL.9742	B	#4 ACSR	7.31Y	121.9	0.00	3.09	0.21	0	1	0	100	0.00	0.0	8.683	0.078	0	0	0	2
PL.8949	PL.9743	B	#4 ACSR	7.31Y	121.9	0.00	3.09	0.21	0	1	0	100	0.00	0.0	8.745	0.062	1	0	1	1
PL.8696	PL.9743	B	#2 ACSR	7.31Y	121.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	8.765	0.082	0	0	1	1
PL.8405	PL.8942	C	#1/0 ACSR	7.33Y	122.2	0.00	2.85	0.25	0	2	0	100	0.00	0.0	7.723	0.033	2	0	1	1
PL.9949	PL.8941	C	#4 ACSR	7.33Y	122.2	0.00	2.82	0.47	0	3	1	95	0.00	0.0	7.513	0.004	0	0	0	1
PD.1807	PL.9949	C	15T	7.33Y	122.2	0.00	2.82	0.47	0	3	1	95	0.00	0.0	7.513	0.004	0	0	0	1
PL.9950	PD.1807	C	#4 ACSR	7.33Y	122.2	0.00	2.82	0.47	0	3	1	95	0.00	0.0	7.588	0.075	3	1	1	1
PL.9957	PL.9755	C	#2 ACSR	7.33Y	122.2	0.00	2.81	1.81	1	13	3	97	0.00	0.0	7.461	0.004	0	0	0	3
PD.1811	PL.9957	C	15T	7.33Y	122.2	0.00	2.81	1.81	0	13	3	97	0.00	0.0	7.461	0.004	0	0	0	3
PL.9958	PD.1811	C	#2 ACSR	7.33Y	122.2	0.00	2.81	1.81	1	13	3	97	0.00	0.0	7.481	0.020	1	0	1	3
PL.9758	PL.9958	C	#2 ACSR	7.33Y	122.2	0.00	2.81	1.60	1	11	3	96	0.00	0.0	7.511	0.030	11	3	2	2
PL.9951	PL.8938	A	#2 ACSR	7.33Y	122.2	0.00	2.77	0.49	0	3	1	95	0.00	0.0	7.243	0.005	0	0	0	1
PD.1808	PL.9951	A	15T	7.33Y	122.2	0.00	2.77	0.49	0	3	1	95	0.00	0.0	7.243	0.005	0	0	0	1
PL.9952	PD.1808	A	#2 ACSR	7.33Y	122.2	0.00	2.77	0.49	0	3	1	95	0.00	0.0	7.270	0.028	3	1	1	1

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9953	PL.8937	C	#2 ACSR	7.33Y	122.2	0.00	2.77	1.57	1	11	3	96	0.00	0.0	7.204	0.005	0	0	0	6
PD.1809	PL.9953	C	15T	7.33Y	122.2	0.00	2.77	1.57	0	11	3	96	0.00	0.0	7.204	0.005	0	0	0	6
PL.9954	PD.1809	C	#2 ACSR	7.33Y	122.2	0.00	2.77	1.57	1	11	3	96	0.00	0.0	7.258	0.055	1	0	1	6
PL.8557	PL.9954	C	#2 ACSR	7.33Y	122.2	0.00	2.77	0.20	0	1	0	100	0.00	0.0	7.335	0.077	1	0	1	1
PL.8556	PL.9954	C	#4 ACSR	7.33Y	122.2	0.00	2.77	0.49	0	3	1	95	0.00	0.0	7.314	0.056	3	1	1	1
PL.8939	PL.9954	C	#2 ACSR	7.33Y	122.2	0.00	2.77	0.76	0	5	1	98	0.00	0.0	7.327	0.069	2	0	1	3
PL.8559	PL.8939	C	#1/0 ACSR	7.33Y	122.2	0.00	2.77	0.53	0	4	1	97	0.00	0.0	7.530	0.203	0	0	0	2
PL.8558	PL.8559	C	#1/0 ACSR	7.33Y	122.2	0.00	2.77	0.27	0	2	0	100	0.00	0.0	7.551	0.020	2	0	1	1
PL.9247	PL.8559	C	#1/0 ACSR	7.33Y	122.2	0.00	2.77	0.26	0	2	0	100	0.00	0.0	7.681	0.151	2	0	1	1
PL.8378	PL.8936	C	#1/0 ACSR	7.34Y	122.3	0.00	2.73	0.43	0	3	1	95	0.00	0.0	7.041	0.005	0	0	0	1
PD.1771	PL.8378	C	15T	7.34Y	122.3	0.00	2.73	0.43	0	3	1	95	0.00	0.0	7.041	0.005	0	0	0	1
PL.8379	PD.1771	C	#1/0 ACSR	7.34Y	122.3	0.00	2.73	0.43	0	3	1	95	0.00	0.0	7.058	0.017	3	1	1	1
PL.8380	PL.8555	A	#2 ACSR	7.34Y	122.3	0.00	2.71	1.56	1	11	3	96	0.00	0.0	6.929	0.004	0	0	0	3
PD.1772	PL.8380	A	15T	7.34Y	122.3	0.00	2.71	1.56	0	11	3	96	0.00	0.0	6.929	0.004	0	0	0	3
PL.8381	PD.1772	A	#2 ACSR	7.34Y	122.3	0.00	2.71	1.56	1	11	3	96	0.00	0.0	6.943	0.014	11	3	3	3
PL.8935	PL.8934	ABC	#1/0 ACSR	7.33Y	122.2	0.16	2.82	35.19	15	748	203	97	0.85	0.1	6.922	0.258	0	0	0	192
PL.9019	PL.8935	ABC	#1/0 ACSR	7.33Y	122.1	0.04	2.85	33.40	15	709	192	97	0.18	0.0	6.984	0.062	5	1	1	184
PL.9020	PL.9019	ABC	#1/0 ACSR	7.32Y	122.1	0.08	2.93	33.18	14	704	191	97	0.37	0.1	7.112	0.127	5	1	1	183
PL.9014	PL.9020	ABC	#1/0 ACSR	7.32Y	122.0	0.06	2.99	32.94	14	699	189	97	0.28	0.0	7.210	0.098	4	1	2	182
PL.9015	PL.9014	ABC	#1/0 ACSR	7.32Y	122.0	0.05	3.04	32.73	14	694	188	97	0.24	0.0	7.293	0.083	0	0	0	180
PL.8376	PL.9015	C	#2 ACSR	7.32Y	122.0	0.00	3.04	1.57	1	11	3	96	0.00	0.0	7.298	0.005	0	0	0	1
PD.1770	PL.8376	C	40T	7.32Y	122.0	0.00	3.04	1.57	0	11	3	96	0.00	0.0	7.298	0.005	0	0	0	1
PL.8377	PD.1770	C	#2 ACSR	7.32Y	122.0	0.00	3.04	1.57	1	11	3	96	0.00	0.0	7.316	0.018	11	3	1	1
PL.9012	PL.9015	ABC	#1/0 ACSR	7.32Y	121.9	0.02	3.06	32.21	14	683	185	97	0.12	0.0	7.335	0.042	1	0	1	179
PL.9013	PL.9012	ABC	#1/0 ACSR	7.31Y	121.9	0.06	3.12	32.15	14	681	184	97	0.29	0.0	7.439	0.104	2	1	1	178
PL.8374	PL.9013	A	6 A (CWC)	7.31Y	121.9	0.00	3.12	0.16	0	1	0	100	0.00	0.0	7.444	0.005	0	0	0	1
PD.1769	PL.8374	A	40T	7.31Y	121.9	0.00	3.12	0.16	0	1	0	100	0.00	0.0	7.444	0.005	0	0	0	1
PL.8375	PD.1769	A	6 A (CWC)	7.31Y	121.9	0.00	3.12	0.16	0	1	0	100	0.00	0.0	7.479	0.035	1	0	1	1
PL.8705	PL.9013	ABC	#1/0 ACSR	7.31Y	121.8	0.07	3.19	32.00	14	678	183	97	0.35	0.1	7.568	0.129	0	0	0	176
PL.10129	PL.8705	ABC	#1/0 ACSR	7.31Y	121.8	0.00	3.20	32.00	14	677	183	97	0.01	0.0	7.571	0.003	0	0	0	176
PD.1865	PL.10129	ABC	50L	7.31Y	121.8	0.00	3.20	32.00	64	677	183	97	0.00	0.0	7.571	0.003	0	0	0	176

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.10130	PD.1865	ABC	#1/0 ACSR	7.31Y	121.8	0.03	3.22	32.00	14	677	183	97	0.12	0.0	7.617	0.046	7	2	1	176
PL.8706	PL.10130	A	#1/0 ACSR	7.31Y	121.8	0.00	3.22	0.01	0	0	0	100	0.00	0.0	7.670	0.053	0	0	0	2
PL.9971	PL.8706	A	#1/0 ACSR	7.31Y	121.8	0.00	3.22	0.01	0	0	0	100	0.00	0.0	7.675	0.005	0	0	0	2
PD.1818	PL.9971	A	30T	7.31Y	121.8	0.00	3.22	0.01	0	0	0	100	0.00	0.0	7.675	0.005	0	0	0	2
PL.9972	PD.1818	A	#1/0 ACSR	7.31Y	121.8	0.00	3.22	0.01	0	0	0	100	0.00	0.0	7.719	0.045	0	0	0	2
PL.8788	PL.9972	A	#1/0 ACSR	7.31Y	121.8	0.00	3.22	0.01	0	0	0	100	0.00	0.0	7.746	0.026	0	0	2	2
PL.8957	PL.10130	ABC	#1/0 ACSR	7.30Y	121.7	0.04	3.27	31.66	14	670	181	97	0.21	0.0	7.694	0.077	0	0	0	173
PL.10081	PL.8957	A	#4 ACSR	7.30Y	121.7	0.00	3.27	1.37	1	10	3	96	0.00	0.0	7.699	0.005	0	0	0	2
PD.1841	PL.10081	A	30T	7.30Y	121.7	0.00	3.27	1.37	0	10	3	96	0.00	0.0	7.699	0.005	0	0	0	2
PL.10082	PD.1841	A	#4 ACSR	7.30Y	121.7	0.00	3.27	1.37	1	10	3	96	0.00	0.0	7.718	0.019	10	3	2	2
PL.9250	PL.8957	ABC	#1/0 ACSR	7.30Y	121.7	0.04	3.31	31.21	14	660	178	97	0.20	0.0	7.771	0.076	0	0	0	171
PL.9725	PL.9250	ABC	#1/0 ACSR	7.30Y	121.6	0.05	3.35	30.99	13	655	177	97	0.21	0.0	7.852	0.082	13	3	3	168
PL.9726	PL.9725	ABC	#1/0 ACSR	7.30Y	121.6	0.04	3.39	30.36	13	642	173	97	0.18	0.0	7.928	0.076	7	2	1	165
PL.9724	PL.9726	ABC	#1/0 ACSR	7.29Y	121.6	0.04	3.44	30.04	13	635	171	97	0.18	0.0	8.004	0.076	5	1	1	164
PL.9723	PL.9724	ABC	#1/0 ACSR	7.29Y	121.5	0.06	3.50	29.81	13	630	170	97	0.27	0.0	8.116	0.112	0	0	0	163
PL.9720	PL.9723	ABC	#1/0 ACSR	7.29Y	121.5	0.04	3.54	29.71	13	628	169	97	0.20	0.0	8.201	0.084	8	2	2	162
PL.9721	PL.9720	ABC	#1/0 ACSR	7.29Y	121.4	0.02	3.56	29.35	13	620	167	97	0.10	0.0	8.243	0.042	0	0	0	160
PL.9800	PL.9721	ABC	#1/0 ACSR	7.28Y	121.4	0.05	3.62	29.16	13	615	165	97	0.23	0.0	8.347	0.104	3	1	1	159
PL.9801	PL.9800	ABC	#1/0 ACSR	7.28Y	121.3	0.06	3.67	29.01	13	612	164	97	0.24	0.0	8.455	0.108	3	1	2	158
PL.9799	PL.9801	ABC	#1/0 ACSR	7.28Y	121.3	0.02	3.70	28.86	13	609	163	97	0.09	0.0	8.498	0.042	0	0	0	156
PL.8708	PL.9799	ABC	#1/0 ACSR	7.28Y	121.3	0.04	3.74	16.91	7	356	97	96	0.11	0.0	8.639	0.141	0	0	0	87
PL.8731	PL.8708	B	6 A (CWC)	7.25Y	120.9	0.35	4.09	50.73	36	356	96	97	0.95	0.3	8.791	0.152	0	0	0	87
PL.10150	PL.8731	B	6 A (CWC)	7.25Y	120.9	0.01	4.10	50.73	36	355	96	97	0.02	0.0	8.794	0.003	0	0	0	87
PD.1856	PL.10150	B	100CodeSMo	7.25Y	120.9	0.00	4.10	50.73	0	355	96	97	0.00	0.0	8.794	0.003	0	0	0	87
PL.10114	PD.1856	B	6 A (CWC)	7.16Y	119.3	1.56	5.66	50.73	36	355	96	97	4.28	1.2	9.471	0.678	0	0	0	87
PL.8733	PL.10114	B	6 A (CWC)	7.16Y	119.3	0.00	5.66	0.29	0	2	1	89	0.00	0.0	9.526	0.055	2	1	1	1
PL.8966	PL.10114	B	6 A (CWC)	7.13Y	118.9	0.44	6.09	50.44	36	349	93	97	1.20	0.3	9.663	0.191	0	0	0	86
PL.9722	PL.8966	B	6 A (CWC)	7.13Y	118.8	0.10	6.19	22.12	16	153	40	97	0.12	0.1	9.759	0.096	0	0	0	33
PL.9939	PL.9722	B	6 A (CWC)	7.13Y	118.8	0.04	6.23	22.12	16	152	40	97	0.05	0.0	9.801	0.042	0	0	0	33
PD.1802	PL.9939	B	30T	7.13Y	118.8	0.00	6.23	22.12	0	152	40	97	0.00	0.0	9.801	0.042	0	0	0	33
PL.9940	PD.1802	B	6 A (CWC)	7.11Y	118.5	0.30	6.53	22.12	16	152	40	97	0.35	0.2	10.094	0.293	0	0	0	33

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
PL.8968	PL.9940	B	6 A (CWC)	7.10Y	118.3	0.18	6.71	15.21	11	105	28	97	0.14	0.1	10.350	0.256	2	1	2	25	
PL.8735	PL.8968	B	6 A (CWC)	7.09Y	118.2	0.12	6.82	14.85	11	102	27	97	0.09	0.1	10.525	0.175	0	0	0	23	
PL.8596	PL.8735	B	#4 ACSR	7.09Y	118.2	0.00	6.83	1.33	1	9	2	98	0.00	0.0	10.563	0.038	9	2	1	1	
PL.9718	PL.8735	B	6 A (CWC)	7.08Y	118.1	0.10	6.93	12.85	9	88	23	97	0.07	0.1	10.702	0.177	2	1	1	21	
L PL.9719	PL.9718	B	6 A (CWC)	7.08Y	117.9	0.15	7.08	12.55	9	86	23	97	0.10	0.1	10.979	0.277	9	2	1	20	L
L PL.9256	PL.9719	B	#2 ACSR	7.08Y	117.9	0.01	7.08	11.24	6	77	20	97	0.00	0.0	10.994	0.016	5	1	1	19	L
L PL.8598	PL.9256	B	#1/0 ACSR	7.07Y	117.9	0.05	7.14	10.49	5	72	19	97	0.03	0.0	11.224	0.230	1	0	1	17	L
L PL.8601	PL.8598	B	6 A (CWC)	7.07Y	117.8	0.03	7.16	9.16	7	63	16	97	0.01	0.0	11.293	0.069	5	1	2	15	L
L PL.9254	PL.8601	B	6 A (CWC)	7.07Y	117.8	0.03	7.20	8.43	6	58	15	97	0.01	0.0	11.386	0.093	8	2	1	13	L
L PL.9255	PL.9254	B	6 A (CWC)	7.07Y	117.8	0.00	7.20	3.93	3	27	7	97	0.00	0.0	11.429	0.043	24	6	3	4	L
L PL.8603	PL.9255	B	6 A (CWC)	7.07Y	117.8	0.00	7.20	0.44	0	3	1	95	0.00	0.0	11.535	0.106	0	0	0	1	L
L PL.8604	PL.8603	B	#1/0 ACSR	7.07Y	117.8	0.00	7.20	0.44	0	3	1	95	0.00	0.0	11.649	0.113	3	1	1	1	L
L PL.9716	PL.9254	B	6 A (CWC)	7.07Y	117.8	0.01	7.21	3.29	2	22	6	96	0.00	0.0	11.483	0.097	5	1	2	8	L
L PL.9717	PL.9716	B	6 A (CWC)	7.07Y	117.8	0.01	7.22	2.60	2	18	5	96	0.00	0.0	11.567	0.085	6	2	1	6	L
L PL.9715	PL.9717	B	6 A (CWC)	7.07Y	117.8	0.01	7.23	1.68	1	11	3	96	0.00	0.0	11.669	0.102	2	1	1	5	L
L PL.9712	PL.9715	B	6 A (CWC)	7.07Y	117.8	0.01	7.23	1.36	1	9	2	98	0.00	0.0	11.800	0.131	0	0	0	4	L
L PL.8605	PL.9712	B	6 A (CWC)	7.07Y	117.8	0.00	7.24	0.60	0	4	1	97	0.00	0.0	12.012	0.212	4	1	1	1	L
L PL.8969	PL.9712	B	6 A (CWC)	7.07Y	117.8	0.01	7.24	0.77	1	5	1	98	0.00	0.0	12.117	0.317	1	0	1	3	L
L PL.9711	PL.8969	B	6 A (CWC)	7.07Y	117.8	0.00	7.25	0.69	0	5	1	98	0.00	0.0	12.304	0.187	2	1	1	2	L
L PL.9709	PL.9711	B	6 A (CWC)	7.06Y	117.7	0.00	7.25	0.37	0	3	1	95	0.00	0.0	12.464	0.160	3	1	1	1	L
L PL.10214	PL.8601	B	#4 ACSR	7.07Y	117.8	0.00	7.16	0.00	0	0	0	100	0.00	0.0	11.295	0.002	0	0	0	0	L
L PD.1912	PL.10214	B	15T	7.07Y	117.8	0.00	7.16	0.00	0	0	0	100	0.00	0.0	11.295	0.002	0	0	0	0	L
L PL.10215	PD.1912	B	#4 ACSR	7.07Y	117.8	0.00	7.16	0.00	0	0	0	100	0.00	0.0	11.359	0.065	0	0	0	0	L
L PL.8600	PL.8598	B	6 A (CWC)	7.07Y	117.9	0.00	7.14	1.15	1	8	2	97	0.00	0.0	11.287	0.063	8	2	1	1	L
L PL.8597	PL.9256	B	#1/0 ACSR	7.08Y	117.9	0.00	7.08	0.00	0	0	0	100	0.00	0.0	11.035	0.041	0	0	1	1	L
PL.8736	PL.8735	B	6 A (CWC)	7.09Y	118.2	0.00	6.82	0.67	0	5	1	98	0.00	0.0	10.561	0.037	5	1	1	1	
PL.9258	PL.9940	B	6 A (CWC)	7.11Y	118.4	0.03	6.56	6.91	5	47	12	97	0.01	0.0	10.198	0.104	10	3	1	8	
PL.32614	PL.9258	B	6 A (CWC)	7.11Y	118.4	0.02	6.58	5.50	4	38	10	97	0.01	0.0	10.282	0.083	5	1	1	7	
PL.32615	PL.32614	B	6 A (CWC)	7.10Y	118.4	0.00	6.58	4.79	3	33	9	96	0.00	0.0	10.310	0.028	18	5	2	6	
PL.9714	PL.32615	B	6 A (CWC)	7.10Y	118.4	0.00	6.59	2.14	2	15	4	97	0.00	0.0	10.400	0.090	15	4	4	4	
PL.8967	PL.8966	B	6 A (CWC)	7.09Y	118.2	0.67	6.77	28.32	20	195	52	97	1.01	0.5	10.195	0.532	7	2	1	53	

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
PL.8630	PL.8967	B	6 A (CWC)	7.09Y	118.1	0.12	6.89	27.33	20	187	50	97	0.17	0.1	10.290	0.096	0	0	0	52	
PL.10111	PL.8630	B	#1/0 ACSR	7.08Y	118.0	0.06	6.95	23.89	10	164	43	97	0.07	0.0	10.407	0.116	0	0	0	34	
PD.1855	PL.10111	B	25T	7.08Y	118.0	0.00	6.95	23.89	0	164	43	97	0.00	0.0	10.407	0.116	0	0	0	34	
L PL.10112	PD.1855	B	#1/0 ACSR	7.08Y	118.0	0.07	7.02	23.89	10	164	43	97	0.08	0.0	10.538	0.131	0	0	0	34	L
L PL.9732	PL.10112	B	#1/0 ACSR	7.08Y	117.9	0.05	7.08	21.73	9	149	39	97	0.05	0.0	10.652	0.114	13	3	1	31	L
L PL.9733	PL.9732	B	#1/0 ACSR	7.07Y	117.9	0.03	7.11	19.90	9	136	36	97	0.03	0.0	10.716	0.064	0	0	0	30	L
L PL.8407	PL.9733	B	#1/0 ACSR	7.07Y	117.8	0.05	7.16	18.89	8	129	34	97	0.05	0.0	10.834	0.118	0	0	0	29	L
L PL.8408	PL.8407	B	#1/0 ACSR	7.07Y	117.8	0.09	7.25	17.84	8	122	32	97	0.07	0.1	11.049	0.215	0	0	0	27	L
L PL.9251	PL.8408	B	#1/0 ACSR	7.06Y	117.7	0.05	7.30	16.56	7	113	30	97	0.04	0.0	11.188	0.139	0	0	0	26	L
L PL.9935	PL.9251	B	#1/0 ACSR	7.06Y	117.7	0.00	7.30	11.25	5	77	20	97	0.00	0.0	11.193	0.005	0	0	0	15	L
L PD.1800	PL.9935	B	30T	7.06Y	117.7	0.00	7.30	11.25	0	77	20	97	0.00	0.0	11.193	0.005	0	0	0	15	L
L PL.9936	PD.1800	B	#1/0 ACSR	7.06Y	117.7	0.02	7.32	11.25	5	77	20	97	0.01	0.0	11.289	0.096	12	3	2	15	L
L PL.9692	PL.9936	B	#1/0 ACSR	7.06Y	117.7	0.01	7.34	9.47	4	65	17	97	0.01	0.0	11.355	0.067	5	1	1	13	L
L PL.9693	PL.9692	B	#1/0 ACSR	7.06Y	117.7	0.01	7.35	8.69	4	59	16	97	0.00	0.0	11.413	0.058	0	0	0	12	L
L PL.9694	PL.9693	B	#1/0 ACSR	7.06Y	117.6	0.01	7.36	8.69	4	59	16	97	0.00	0.0	11.458	0.046	4	1	1	12	L
L PL.9695	PL.9694	B	#1/0 ACSR	7.06Y	117.6	0.04	7.40	8.14	4	56	15	97	0.02	0.0	11.693	0.234	1	0	1	11	L
L PL.9700	PL.9695	B	#1/0 ACSR	7.06Y	117.6	0.01	7.41	8.03	3	55	14	97	0.00	0.0	11.759	0.066	9	2	1	10	L
L PL.9698	PL.9700	B	#1/0 ACSR	7.05Y	117.6	0.02	7.43	6.73	3	46	12	97	0.01	0.0	11.887	0.128	0	0	0	9	L
L PL.8615	PL.9698	B	#1/0 ACSR	7.05Y	117.6	0.00	7.43	0.26	0	2	0	100	0.00	0.0	11.950	0.064	2	0	2	2	L
L PL.8614	PL.9698	B	#1/0 ACSR	7.05Y	117.6	0.01	7.44	6.47	3	44	12	96	0.00	0.0	11.971	0.084	10	3	2	7	L
L PL.9701	PL.8614	B	#1/0 ACSR	7.05Y	117.5	0.01	7.45	5.01	2	34	9	97	0.00	0.0	12.041	0.070	5	1	1	5	L
L PL.9702	PL.9701	B	#1/0 ACSR	7.05Y	117.5	0.00	7.45	4.28	2	29	8	96	0.00	0.0	12.056	0.015	0	0	0	4	L
L PL.8616	PL.9702	B	#4 ACSR	7.05Y	117.5	0.02	7.47	1.61	1	11	3	96	0.00	0.0	12.352	0.296	0	0	0	2	L
L PL.8618	PL.8616	B	#2 ACSR	7.05Y	117.5	0.00	7.48	1.61	1	11	3	96	0.00	0.0	12.368	0.016	2	1	1	2	L
L PL.8617	PL.8618	B	#2 ACSR	7.05Y	117.5	0.00	7.48	1.29	1	9	2	98	0.00	0.0	12.489	0.121	9	2	1	1	L
L PL.9703	PL.9702	B	#1/0 ACSR	7.05Y	117.5	0.01	7.46	2.67	1	18	5	96	0.00	0.0	12.173	0.117	9	2	1	2	L
L PL.9704	PL.9703	B	#1/0 ACSR	7.05Y	117.5	0.00	7.46	1.38	1	9	2	98	0.00	0.0	12.238	0.065	9	2	1	1	L
L PL.8612	PL.9251	B	#1/0 ACSR	7.06Y	117.7	0.00	7.30	0.33	0	2	1	89	0.00	0.0	11.228	0.040	2	1	2	2	L
L PL.9690	PL.9251	B	#1/0 ACSR	7.06Y	117.7	0.01	7.31	4.98	2	34	9	97	0.00	0.0	11.233	0.045	0	0	1	9	L
L PL.9691	PL.9690	B	#1/0 ACSR	7.06Y	117.7	0.01	7.31	4.98	2	34	9	97	0.00	0.0	11.282	0.049	6	1	2	8	L
L PL.9696	PL.9691	B	#1/0 ACSR	7.06Y	117.7	0.01	7.32	4.16	2	28	7	97	0.00	0.0	11.397	0.115	8	2	1	6	L

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.9697	PL.9696	B	#1/0 ACSR	7.06Y	117.7	0.00	7.32	2.94	1	20	5	97	0.00	0.0	11.467	0.069	0	0	0	5	L
L PL.8613	PL.9697	B	#1/0 ACSR	7.06Y	117.7	0.00	7.33	1.51	1	10	3	96	0.00	0.0	11.503	0.036	10	3	2	2	L
L PL.9252	PL.9697	B	#1/0 ACSR	7.06Y	117.7	0.01	7.33	1.43	1	10	3	96	0.00	0.0	11.722	0.256	3	1	2	3	L
L PL.9689	PL.9252	B	#1/0 ACSR	7.06Y	117.7	0.00	7.33	0.98	0	7	2	96	0.00	0.0	11.747	0.025	7	2	1	1	L
L PL.8611	PL.8408	B	#1/0 ACSR	7.07Y	117.8	0.00	7.25	1.27	1	9	2	98	0.00	0.0	11.067	0.018	9	2	1	1	L
L PL.8610	PL.8407	B	#1/0 ACSR	7.07Y	117.8	0.00	7.16	1.05	0	7	2	96	0.00	0.0	10.898	0.064	7	2	2	2	L
L PL.8609	PL.9733	B	#4 ACSR	7.07Y	117.9	0.00	7.11	1.01	1	7	2	96	0.00	0.0	10.767	0.051	7	2	1	1	L
L PL.9730	PL.10112	B	#2 ACSR	7.08Y	118.0	0.00	7.03	2.16	1	15	4	97	0.00	0.0	10.584	0.046	8	2	1	3	L
L PL.9731	PL.9730	B	#2 ACSR	7.08Y	118.0	0.00	7.03	1.00	1	7	2	96	0.00	0.0	10.708	0.124	7	2	2	2	L
PL.33074	PL.8630	B	6 A (CWC)	7.09Y	118.1	0.00	6.89	3.44	2	24	6	97	0.00	0.0	10.292	0.002	0	0	0	18	
PD.4892	PL.33074	B	20T	7.09Y	118.1	0.00	6.89	3.44	0	24	6	97	0.00	0.0	10.292	0.002	0	0	0	18	
PL.33075	PD.4892	B	6 A (CWC)	7.09Y	118.1	0.01	6.89	3.44	2	24	6	97	0.00	0.0	10.324	0.032	0	0	1	18	
PL.9728	PL.33075	B	6 A (CWC)	7.09Y	118.1	0.01	6.90	3.44	2	24	6	97	0.00	0.0	10.389	0.065	0	0	0	17	
PL.9729	PL.9728	B	6 A (CWC)	7.09Y	118.1	0.01	6.91	3.44	2	24	6	97	0.00	0.0	10.462	0.073	5	1	1	17	
PL.8619	PL.9729	B	6 A (CWC)	7.08Y	118.1	0.01	6.92	2.77	2	19	5	97	0.00	0.0	10.543	0.081	1	0	1	16	
PL.8608	PL.8619	B	6 A (CWC)	7.08Y	118.1	0.02	6.94	2.56	2	18	5	96	0.00	0.0	10.695	0.152	0	0	0	15	
PL.8970	PL.8608	B	6 A (CWC)	7.08Y	118.0	0.04	6.98	2.42	2	17	4	97	0.00	0.0	11.044	0.349	0	0	0	14	
PL.8621	PL.8970	B	#4 ACSR	7.08Y	118.0	0.00	6.98	0.00	0	0	0	100	0.00	0.0	11.182	0.138	0	0	0	0	
L PL.8971	PL.8970	B	6 A (CWC)	7.08Y	118.0	0.03	7.01	2.42	2	17	4	97	0.00	0.0	11.354	0.310	4	1	1	14	L
L PL.8622	PL.8971	B	#4 ACSR	7.08Y	118.0	0.00	7.01	0.04	0	0	0	100	0.00	0.0	11.390	0.036	0	0	1	1	L
L PL.9707	PL.8971	B	6 A (CWC)	7.08Y	118.0	0.01	7.02	1.85	1	13	3	97	0.00	0.0	11.449	0.094	1	0	2	12	L
L PL.9708	PL.9707	B	6 A (CWC)	7.08Y	118.0	0.01	7.03	1.71	1	12	3	97	0.00	0.0	11.593	0.144	1	0	2	10	L
L PL.8972	PL.9708	B	6 A (CWC)	7.08Y	118.0	0.00	7.03	1.19	1	8	2	97	0.00	0.0	11.622	0.029	5	1	1	7	L
L PL.9705	PL.8972	B	6 A (CWC)	7.08Y	118.0	0.00	7.03	0.41	0	3	1	95	0.00	0.0	11.662	0.040	0	0	1	6	L
L PL.9706	PL.9705	B	6 A (CWC)	7.08Y	118.0	0.00	7.04	0.37	0	3	1	95	0.00	0.0	11.936	0.275	0	0	1	5	L
L PL.8624	PL.9706	B	#4 ACSR	7.08Y	118.0	0.00	7.04	0.37	0	3	1	95	0.00	0.0	12.021	0.085	0	0	0	4	L
L PL.9858	PL.8624	B	#4 ACSR	7.08Y	118.0	0.00	7.04	0.04	0	0	0	100	0.00	0.0	12.059	0.038	0	0	1	2	L
L PL.9859	PL.9858	B	#4 ACSR	7.08Y	118.0	0.00	7.04	0.02	0	0	0	100	0.00	0.0	12.143	0.084	0	0	1	1	L
L PL.8625	PL.8624	B	#4 ACSR	7.08Y	118.0	0.00	7.04	0.33	0	2	1	89	0.00	0.0	12.089	0.068	2	1	2	2	L
L PL.8623	PL.9708	B	#2 ACSR	7.08Y	118.0	0.00	7.03	0.42	0	3	1	95	0.00	0.0	11.633	0.040	3	1	1	1	L
PL.8620	PL.8608	B	6 A (CWC)	7.08Y	118.1	0.00	6.94	0.14	0	1	0	100	0.00	0.0	10.872	0.178	1	0	1	1	

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8709	PL.9799	ABC	#1/0 ACSR	7.28Y	121.3	0.01	3.70	11.95	5	252	67	97	0.01	0.0	8.532	0.035	0	0	0	69
PL.8958	PL.8709	ABC	#1/0 ACSR	7.27Y	121.2	0.06	3.77	11.95	5	252	67	97	0.11	0.0	8.823	0.291	0	0	0	69
PL.10063	PL.8958	A	#4 ACSR	7.27Y	121.2	0.00	3.77	0.69	1	5	1	98	0.00	0.0	8.828	0.005	0	0	0	2
PD.1662	PL.10063	A	30T	7.27Y	121.2	0.00	3.77	0.69	0	5	1	98	0.00	0.0	8.828	0.005	0	0	0	2
PL.10064	PD.1662	A	#4 ACSR	7.27Y	121.2	0.00	3.77	0.69	1	5	1	98	0.00	0.0	8.846	0.018	5	1	2	2
PL.8959	PL.8958	ABC	#1/0 ACSR	7.27Y	121.2	0.06	3.83	11.27	5	238	63	97	0.11	0.0	9.139	0.316	0	0	0	66
PL.9965	PL.8959	C	#2 ACSR	7.27Y	121.2	0.00	3.83	0.43	0	3	1	95	0.00	0.0	9.142	0.002	0	0	0	2
PD.1815	PL.9965	C	30T	7.27Y	121.2	0.00	3.83	0.43	0	3	1	95	0.00	0.0	9.142	0.002	0	0	0	2
PL.9966	PD.1815	C	#2 ACSR	7.27Y	121.2	0.00	3.83	0.43	0	3	1	95	0.00	0.0	9.229	0.087	1	0	1	2
PL.9798	PL.9966	C	#2 ACSR	7.27Y	121.2	0.00	3.83	0.26	0	2	0	100	0.00	0.0	9.246	0.017	2	0	1	1
PL.8711	PL.9798	C	#2 ACSR	7.27Y	121.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	9.347	0.101	0	0	0	0
PL.8712	PL.8711	C	#4 ACSR	7.27Y	121.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	9.432	0.086	0	0	0	0
PL.8766	PL.8712	C	#4 ACSR	7.27Y	121.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	9.469	0.037	0	0	0	0
PL.8960	PL.8959	ABC	#1/0 ACSR	7.27Y	121.1	0.04	3.87	11.13	5	235	62	97	0.07	0.0	9.357	0.218	0	0	0	64
PL.8961	PL.8960	ABC	#1/0 ACSR	7.27Y	121.1	0.03	3.90	10.93	5	230	61	97	0.05	0.0	9.519	0.161	0	0	0	62
PL.9963	PL.8961	C	#2 ACSR	7.27Y	121.1	0.00	3.90	0.00	0	0	0	100	0.00	0.0	9.523	0.005	0	0	0	1
PD.1814	PL.9963	C	30T	7.27Y	121.1	0.00	3.90	0.00	0	0	0	100	0.00	0.0	9.523	0.005	0	0	0	1
PL.9964	PD.1814	C	#2 ACSR	7.27Y	121.1	0.00	3.90	0.00	0	0	0	100	0.00	0.0	9.545	0.022	0	0	1	1
PL.9253	PL.8961	ABC	#1/0 ACSR	7.27Y	121.1	0.01	3.91	10.93	5	230	61	97	0.02	0.0	9.574	0.055	1	0	2	61
PL.8715	PL.9253	A	#4 ACSR	7.26Y	121.0	0.04	3.95	23.99	18	168	44	97	0.05	0.0	9.608	0.035	0	0	0	40
PL.8410	PL.8715	A	6 A (CWC)	7.26Y	121.0	0.00	3.95	23.99	17	168	44	97	0.00	0.0	9.611	0.003	0	0	0	40
PD.1858	PL.8410	A	35L	7.26Y	121.0	0.00	3.95	23.99	69	168	44	97	0.00	0.0	9.611	0.003	0	0	0	40
PL.8409	PD.1858	A	6 A (CWC)	7.24Y	120.7	0.39	4.34	23.99	17	168	44	97	0.50	0.3	9.973	0.362	6	2	1	40
PL.9796	PL.8409	A	6 A (CWC)	7.24Y	120.6	0.07	4.41	23.15	17	162	43	97	0.08	0.0	10.038	0.066	16	4	3	39
PL.9797	PL.9796	A	6 A (CWC)	7.23Y	120.6	0.03	4.44	20.87	15	146	38	97	0.03	0.0	10.072	0.034	6	2	2	36
PL.9780	PL.9797	A	6 A (CWC)	7.23Y	120.5	0.05	4.49	19.98	14	140	37	97	0.05	0.0	10.127	0.055	4	1	2	34
PL.9781	PL.9780	A	6 A (CWC)	7.23Y	120.5	0.02	4.51	19.35	14	135	36	97	0.02	0.0	10.150	0.023	32	8	5	32
PL.8723	PL.9781	A	6 A (CWC)	7.23Y	120.4	0.06	4.57	14.74	11	103	27	97	0.04	0.0	10.244	0.094	15	4	4	27
PL.9778	PL.8723	A	6 A (CWC)	7.23Y	120.4	0.01	4.57	3.37	2	24	6	97	0.00	0.0	10.291	0.047	0	0	0	5
PL.9779	PL.9778	A	6 A (CWC)	7.23Y	120.4	0.01	4.58	3.37	2	24	6	97	0.00	0.0	10.352	0.061	15	4	3	5
PL.8725	PL.9779	A	#4 ACSR	7.22Y	120.4	0.01	4.59	1.24	1	9	2	98	0.00	0.0	10.758	0.407	9	2	2	2

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8724	PL.8723	A	6 A (CWC)	7.22Y	120.3	0.10	4.67	9.21	7	64	17	97	0.05	0.1	10.492	0.248	0	0	1	18
PL.9790	PL.8724	A	6 A (CWC)	7.21Y	120.2	0.11	4.78	9.21	7	64	17	97	0.05	0.1	10.751	0.259	0	0	0	17
PL.8726	PL.9790	A	6 A (CWC)	7.21Y	120.2	0.00	4.78	0.00	0	0	0	100	0.00	0.0	10.886	0.135	0	0	0	0
PL.10225	PL.9790	A	6 A (CWC)	7.21Y	120.2	0.01	4.79	9.21	7	64	17	97	0.01	0.0	10.785	0.034	0	0	1	17
PL.10226	PL.10225	A	6 A (CWC)	7.21Y	120.2	0.03	4.82	9.21	7	64	17	97	0.01	0.0	10.850	0.065	1	0	1	16
PL.9787	PL.10226	A	6 A (CWC)	7.21Y	120.2	0.02	4.85	9.04	6	63	17	97	0.01	0.0	10.920	0.070	19	5	3	15
PL.9788	PL.9787	A	6 A (CWC)	7.21Y	120.1	0.02	4.86	6.25	4	44	11	97	0.01	0.0	10.979	0.059	0	0	0	12
PL.8727	PL.9788	A	6 A (CWC)	7.21Y	120.1	0.00	4.86	0.18	0	1	0	100	0.00	0.0	11.041	0.062	0	0	0	1
PL.8728	PL.8727	A	#2 ACSR	7.21Y	120.1	0.00	4.86	0.18	0	1	0	100	0.00	0.0	11.133	0.093	1	0	1	1
PL.8964	PL.9788	A	6 A (CWC)	7.21Y	120.1	0.01	4.87	6.07	4	42	11	97	0.00	0.0	11.022	0.043	0	0	0	11
PL.8965	PL.8964	A	6 A (CWC)	7.21Y	120.1	0.03	4.91	6.07	4	42	11	97	0.01	0.0	11.203	0.182	27	7	4	10
PL.9785	PL.8965	A	#4 ACSR	7.21Y	120.1	0.01	4.92	2.16	2	15	4	97	0.00	0.0	11.288	0.085	4	1	1	6
PL.9786	PL.9785	A	#4 ACSR	7.20Y	120.1	0.00	4.92	1.60	1	11	3	96	0.00	0.0	11.358	0.070	6	2	1	5
PL.9784	PL.9786	A	#4 ACSR	7.20Y	120.1	0.00	4.92	0.68	1	5	1	98	0.00	0.0	11.432	0.074	5	1	3	4
PL.9783	PL.9784	A	#4 ACSR	7.20Y	120.1	0.00	4.92	0.00	0	0	0	100	0.00	0.0	11.624	0.191	0	0	1	1
PL.8729	PL.8964	A	#4 ACSR	7.21Y	120.1	0.00	4.87	0.00	0	0	0	100	0.00	0.0	11.062	0.040	0	0	1	1
PL.8713	PL.9253	C	#2 ACSR	7.26Y	121.1	0.00	3.92	8.72	5	61	16	97	0.00	0.0	9.593	0.020	13	3	2	19
PL.10083	PL.8713	C	6 A (CWC)	7.26Y	121.1	0.00	3.92	6.93	5	49	13	97	0.00	0.0	9.598	0.005	0	0	0	17
PD.1842	PL.10083	C	30T	7.26Y	121.1	0.00	3.92	6.93	0	49	13	97	0.00	0.0	9.598	0.005	0	0	0	17
PL.10084	PD.1842	C	6 A (CWC)	7.26Y	121.0	0.08	4.01	6.93	5	49	13	97	0.03	0.1	9.864	0.266	0	0	0	17
PL.8716	PL.10084	C	6 A (CWC)	7.26Y	121.0	0.00	4.01	0.15	0	1	0	100	0.00	0.0	9.914	0.050	1	0	3	3
PL.8962	PL.10084	C	6 A (CWC)	7.26Y	121.0	0.04	4.04	6.78	5	48	12	97	0.01	0.0	9.987	0.123	1	0	1	14
PL.9793	PL.8962	C	6 A (CWC)	7.26Y	120.9	0.02	4.07	6.70	5	47	12	97	0.01	0.0	10.067	0.080	0	0	1	13
PL.9794	PL.9793	C	6 A (CWC)	7.25Y	120.9	0.07	4.14	6.65	5	47	12	97	0.02	0.1	10.298	0.232	1	0	1	12
PL.8719	PL.9794	C	6 A (CWC)	7.25Y	120.8	0.02	4.16	6.54	5	46	12	97	0.01	0.0	10.387	0.089	12	3	2	11
PL.8720	PL.8719	C	6 A (CWC)	7.25Y	120.8	0.01	4.17	4.85	3	34	9	97	0.00	0.0	10.411	0.023	0	0	0	9
PL.9791	PL.8720	C	6 A (CWC)	7.25Y	120.8	0.02	4.19	3.23	2	23	6	97	0.00	0.0	10.576	0.165	5	1	2	7
PL.9792	PL.9791	C	6 A (CWC)	7.25Y	120.8	0.01	4.19	2.55	2	18	5	96	0.00	0.0	10.662	0.086	16	4	1	5
PL.9802	PL.9792	C	6 A (CWC)	7.25Y	120.8	0.00	4.19	0.31	0	2	1	89	0.00	0.0	10.747	0.086	0	0	1	4
PL.9803	PL.9802	C	6 A (CWC)	7.25Y	120.8	0.00	4.19	0.25	0	2	0	100	0.00	0.0	10.777	0.030	0	0	0	3
PL.8722	PL.9803	C	6 A (CWC)	7.25Y	120.8	0.00	4.19	0.15	0	1	0	100	0.00	0.0	11.046	0.270	1	0	1	1

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9804	PL.9803	C	#2 ACSR	7.25Y	120.8	0.00	4.19	0.10	0	1	0	100	0.00	0.0	10.791	0.014	0	0	1	2
PL.9805	PL.9804	C	#2 ACSR	7.25Y	120.8	0.00	4.19	0.10	0	1	0	100	0.00	0.0	10.809	0.018	1	0	1	1
PL.8721	PL.8720	C	#4 ACSR	7.25Y	120.8	0.00	4.17	1.62	1	11	3	96	0.00	0.0	10.499	0.088	11	3	2	2
PL.8717	PL.8962	C	#1/0 ACSR	7.26Y	121.0	0.00	4.04	0.00	0	0	0	100	0.00	0.0	10.039	0.052	0	0	0	0
PL.10216	PL.8713	C	6 A (CWC)	7.26Y	121.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	9.596	0.003	0	0	0	0
PD.1913	PL.10216	C	20T	7.26Y	121.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	9.596	0.003	0	0	0	0
PL.10217	PD.1913	C	6 A (CWC)	7.26Y	121.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	9.766	0.170	0	0	0	0
PL.8750	PL.10217	C	#4 ACSR	7.26Y	121.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	9.988	0.222	0	0	0	0
PL.9857	PL.8750	C	#4 ACSR	7.26Y	121.1	0.00	3.92	0.00	0	0	0	100	0.00	0.0	10.098	0.111	0	0	0	0
PL.10065	PL.8960	A	#4 ACSR	7.27Y	121.1	0.00	3.87	0.22	0	2	0	100	0.00	0.0	9.362	0.005	0	0	0	1
PD.1663	PL.10065	A	30T	7.27Y	121.1	0.00	3.87	0.22	0	2	0	100	0.00	0.0	9.362	0.005	0	0	0	1
PL.10066	PD.1663	A	#4 ACSR	7.27Y	121.1	0.00	3.87	0.22	0	2	0	100	0.00	0.0	9.433	0.071	2	0	1	1
PL.10067	PL.8960	C	#2 ACSR	7.27Y	121.1	0.00	3.87	0.39	0	3	1	95	0.00	0.0	9.361	0.003	0	0	0	1
PD.1664	PL.10067	C	30T	7.27Y	121.1	0.00	3.87	0.39	0	3	1	95	0.00	0.0	9.361	0.003	0	0	0	1
PL.10068	PD.1664	C	#2 ACSR	7.27Y	121.1	0.00	3.87	0.39	0	3	1	95	0.00	0.0	9.439	0.078	3	1	1	1
PL.9967	PL.8958	C	#4 ACSR	7.27Y	121.2	0.00	3.77	1.33	1	9	2	98	0.00	0.0	8.828	0.005	0	0	0	1
PD.1816	PL.9967	C	30T	7.27Y	121.2	0.00	3.77	1.33	0	9	2	98	0.00	0.0	8.828	0.005	0	0	0	1
PL.9968	PD.1816	C	#4 ACSR	7.27Y	121.2	0.00	3.77	1.33	1	9	2	98	0.00	0.0	8.860	0.032	9	2	1	1
PL.9969	PL.8709	A	#2 ACSR	7.28Y	121.3	0.00	3.70	0.00	0	0	0	100	0.00	0.0	8.537	0.005	0	0	0	0
PD.1817	PL.9969	A	30T	7.28Y	121.3	0.00	3.70	0.00	0	0	0	100	0.00	0.0	8.537	0.005	0	0	0	0
PL.9970	PD.1817	A	#2 ACSR	7.28Y	121.3	0.00	3.70	0.00	0	0	0	100	0.00	0.0	8.594	0.057	0	0	0	0
PL.9937	PL.9721	C	#4 ACSR	7.29Y	121.4	0.00	3.56	0.59	0	4	1	97	0.00	0.0	8.248	0.005	0	0	0	1
PD.1801	PL.9937	C	30T	7.29Y	121.4	0.00	3.56	0.59	0	4	1	97	0.00	0.0	8.248	0.005	0	0	0	1
PL.9938	PD.1801	C	#4 ACSR	7.29Y	121.4	0.00	3.56	0.59	0	4	1	97	0.00	0.0	8.298	0.050	4	1	1	1
PL.8707	PL.9723	A	#1/0 ACSR	7.29Y	121.5	0.00	3.50	0.28	0	2	1	89	0.00	0.0	8.152	0.035	2	1	1	1
PL.9941	PL.9250	A	#4 ACSR	7.30Y	121.7	0.00	3.31	0.66	1	5	1	98	0.00	0.0	7.775	0.005	0	0	0	3
PD.1803	PL.9941	A	30T	7.30Y	121.7	0.00	3.31	0.66	0	5	1	98	0.00	0.0	7.775	0.005	0	0	0	3
PL.9942	PD.1803	A	#4 ACSR	7.30Y	121.7	0.00	3.31	0.66	1	5	1	98	0.00	0.0	7.836	0.061	5	1	3	3
PL.10061	PL.8935	A	#4 ACSR	7.33Y	122.2	0.00	2.82	2.09	2	15	4	97	0.00	0.0	6.926	0.004	0	0	0	1
PD.1661	PL.10061	A	40T	7.33Y	122.2	0.00	2.82	2.09	0	15	4	97	0.00	0.0	6.926	0.004	0	0	0	1
PL.10062	PD.1661	A	#4 ACSR	7.33Y	122.2	0.01	2.82	2.09	2	15	4	97	0.00	0.0	7.048	0.122	15	4	1	1

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8382	PL.8935	A	#1/0 ACSR	7.33Y	122.2	0.00	2.82	3.27	1	23	6	97	0.00	0.0	6.926	0.004	0	0	0	7
PD.1773	PL.8382	A	40T	7.33Y	122.2	0.00	2.82	3.27	0	23	6	97	0.00	0.0	6.926	0.004	0	0	0	7
PL.8383	PD.1773	A	#1/0 ACSR	7.33Y	122.2	0.00	2.82	3.27	1	23	6	97	0.00	0.0	6.974	0.048	13	3	3	7
PL.9016	PL.8383	A	#1/0 ACSR	7.33Y	122.2	0.00	2.82	1.43	1	10	3	96	0.00	0.0	7.039	0.065	0	0	1	4
PL.9260	PL.9016	A	#1/0 ACSR	7.33Y	122.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	7.101	0.062	0	0	0	0
PL.9017	PL.9016	A	#4 ACSR	7.33Y	122.2	0.00	2.82	1.38	1	10	3	96	0.00	0.0	7.058	0.019	8	2	2	3
PL.9018	PL.9017	A	#4 ACSR	7.33Y	122.2	0.00	2.82	0.21	0	1	0	100	0.00	0.0	7.091	0.033	1	0	1	1
PL.9884	PL.8932	C	#4 ACSR	7.37Y	122.8	0.00	2.21	0.34	0	2	1	89	0.00	0.0	6.152	0.005	0	0	0	1
PD.1777	PL.9884	C	40T	7.37Y	122.8	0.00	2.21	0.34	0	2	1	89	0.00	0.0	6.152	0.005	0	0	0	1
PL.9885	PD.1777	C	#4 ACSR	7.37Y	122.8	0.00	2.21	0.34	0	2	1	89	0.00	0.0	6.235	0.083	2	1	1	1
PL.10043	PL.9894	C	#4 ACSR	7.38Y	122.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	6.003	0.004	0	0	0	0
PD.1652	PL.10043	C	40T	7.38Y	122.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	6.003	0.004	0	0	0	0
PL.10044	PD.1652	C	#4 ACSR	7.38Y	122.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	6.111	0.108	0	0	0	0
CP.18	PL.9893	ABC	Cap (300)	7.38Y	123.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	5.885	0.108	0	0	0	0
PL.10123	PL.8896	ABC	336 MCM AC	7.43Y	123.8	0.02	1.20	40.71	8	877	233	97	0.11	0.0	4.671	0.076	0	0	0	211
PD.1862	PL.10123	ABC	70L	7.43Y	123.8	0.00	1.20	40.71	58	877	233	97	0.00	0.0	4.671	0.076	0	0	0	211
PL.10124	PD.1862	ABC	336 MCM AC	7.43Y	123.8	0.01	1.21	40.71	8	877	233	97	0.03	0.0	4.692	0.021	4	1	1	211
PL.9576	PL.10124	ABC	336 MCM AC	7.42Y	123.7	0.06	1.27	40.53	8	873	232	97	0.29	0.0	4.900	0.208	5	1	1	210
PL.8897	PL.9576	ABC	336 MCM AC	7.42Y	123.7	0.02	1.29	39.89	8	859	228	97	0.10	0.0	4.974	0.075	0	0	0	208
PL.9068	PL.8897	C	#4 ACSR	7.42Y	123.7	0.00	1.29	0.79	1	6	1	99	0.00	0.0	4.979	0.005	0	0	0	1
PD.1745	PL.9068	C	30T	7.42Y	123.7	0.00	1.29	0.79	0	6	1	99	0.00	0.0	4.979	0.005	0	0	0	1
PL.9069	PD.1745	C	#4 ACSR	7.42Y	123.7	0.00	1.29	0.79	1	6	1	99	0.00	0.0	4.994	0.015	6	1	1	1
PL.8898	PL.8897	ABC	336 MCM AC	7.42Y	123.7	0.02	1.32	39.62	8	853	226	97	0.10	0.0	5.051	0.077	0	0	0	207
PL.8899	PL.8898	ABC	336 MCM AC	7.42Y	123.6	0.04	1.36	31.05	6	668	177	97	0.14	0.0	5.226	0.175	0	0	0	159
PL.9993	PL.8899	A	#1/0 ACSR	7.42Y	123.6	0.00	1.36	1.70	1	12	3	97	0.00	0.0	5.231	0.004	0	0	0	2
PD.1832	PL.9993	A	30T	7.42Y	123.6	0.00	1.36	1.70	0	12	3	97	0.00	0.0	5.231	0.004	0	0	0	2
PL.9994	PD.1832	A	#1/0 ACSR	7.42Y	123.6	0.00	1.36	1.70	1	12	3	97	0.00	0.0	5.286	0.055	12	3	2	2
PL.9244	PL.8899	ABC	336 MCM AC	7.42Y	123.6	0.02	1.37	30.48	6	656	174	97	0.06	0.0	5.309	0.082	10	3	8	157
PL.9995	PL.9244	A	#4 ACSR	7.42Y	123.6	0.00	1.37	0.46	0	3	1	95	0.00	0.0	5.313	0.005	0	0	0	2
PD.1833	PL.9995	A	30T	7.42Y	123.6	0.00	1.37	0.46	0	3	1	95	0.00	0.0	5.313	0.005	0	0	0	2
PL.9996	PD.1833	A	#4 ACSR	7.42Y	123.6	0.00	1.38	0.46	0	3	1	95	0.00	0.0	5.357	0.044	3	1	2	2

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8903	PL.9244	ABC	336 MCM AC	7.42Y	123.6	0.02	1.40	29.50	6	635	168	97	0.08	0.0	5.425	0.116	5	1	3	145
PL.9500	PL.8903	ABC	336 MCM AC	7.42Y	123.6	0.01	1.41	28.29	5	608	161	97	0.03	0.0	5.473	0.049	1	0	1	139
PL.9501	PL.9500	ABC	336 MCM AC	7.41Y	123.6	0.01	1.42	28.23	5	607	160	97	0.04	0.0	5.539	0.066	0	0	0	138
PL.9999	PL.9501	C	#4 ACSR	7.41Y	123.6	0.00	1.42	3.01	2	22	6	96	0.00	0.0	5.544	0.005	0	0	0	5
PD.1835	PL.9999	C	30T	7.41Y	123.6	0.00	1.42	3.01	0	22	6	96	0.00	0.0	5.544	0.005	0	0	0	5
PL.10000	PD.1835	C	#4 ACSR	7.41Y	123.6	0.00	1.43	3.01	2	22	6	96	0.00	0.0	5.563	0.020	5	1	2	5
PL.9268	PL.10000	C	#4 ACSR	7.41Y	123.6	0.00	1.43	1.39	1	10	3	96	0.00	0.0	5.604	0.041	10	3	1	1
PL.9498	PL.10000	C	#4 ACSR	7.41Y	123.6	0.00	1.43	0.92	1	7	2	96	0.00	0.0	5.586	0.022	5	1	1	2
PL.9499	PL.9498	C	#4 ACSR	7.41Y	123.6	0.00	1.43	0.22	0	2	0	100	0.00	0.0	5.604	0.018	2	0	1	1
PL.9072	PL.9501	A	#4 ACSR	7.41Y	123.6	0.00	1.42	0.28	0	2	1	89	0.00	0.0	5.544	0.005	0	0	0	1
PD.1747	PL.9072	A	30T	7.41Y	123.6	0.00	1.42	0.28	0	2	1	89	0.00	0.0	5.544	0.005	0	0	0	1
PL.9073	PD.1747	A	#4 ACSR	7.41Y	123.6	0.00	1.42	0.28	0	2	1	89	0.00	0.0	5.703	0.159	2	1	1	1
PL.8905	PL.9501	ABC	336 MCM AC	7.41Y	123.6	0.01	1.44	27.14	5	584	154	97	0.04	0.0	5.610	0.071	6	2	1	132
PL.9891	PL.8905	ABC	336 MCM AC	7.41Y	123.6	0.01	1.45	25.62	5	551	146	97	0.03	0.0	5.671	0.061	0	0	0	125
PL.9892	PL.9891	ABC	336 MCM AC	7.41Y	123.5	0.01	1.46	25.62	5	551	145	97	0.03	0.0	5.721	0.050	0	0	0	125
PL.8906	PL.9892	ABC	336 MCM AC	7.41Y	123.5	0.01	1.47	21.24	4	457	121	97	0.02	0.0	5.776	0.056	0	0	0	100
PL.9879	PL.8906	C	#1/0 ACSR	7.41Y	123.5	0.00	1.47	4.94	2	35	9	97	0.00	0.0	5.781	0.005	0	0	0	1
PD.1751	PL.9879	C	30T	7.41Y	123.5	0.00	1.47	4.94	0	35	9	97	0.00	0.0	5.781	0.005	0	0	0	1
PL.9880	PD.1751	C	#1/0 ACSR	7.41Y	123.5	0.00	1.47	4.94	2	35	9	97	0.00	0.0	5.791	0.010	35	9	1	1
PL.9510	PL.8906	ABC	336 MCM AC	7.41Y	123.5	0.01	1.47	19.60	4	421	111	97	0.01	0.0	5.813	0.037	21	5	8	99
PL.9511	PL.9510	ABC	336 MCM AC	7.41Y	123.5	0.02	1.49	18.64	4	401	106	97	0.05	0.0	5.982	0.168	0	0	0	91
PL.8309	PL.9511	ABC	336 MCM AC	7.41Y	123.5	0.01	1.50	18.64	4	401	106	97	0.01	0.0	6.033	0.051	0	0	0	91
PL.8907	PL.8309	ABC	336 MCM AC	7.41Y	123.5	0.00	1.51	17.92	3	385	102	97	0.01	0.0	6.059	0.026	3	1	2	90
PL.9512	PL.8907	ABC	336 MCM AC	7.41Y	123.5	0.00	1.51	2.33	0	50	13	97	0.00	0.0	6.158	0.099	6	2	1	12
PL.9513	PL.9512	ABC	336 MCM AC	7.41Y	123.5	0.00	1.51	2.06	0	44	11	97	0.00	0.0	6.232	0.074	12	3	4	11
PL.10087	PL.9513	ABC	336 MCM AC	7.41Y	123.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	6.330	0.097	0	0	0	0
PD.1844-A	PL.10087	ABC	Open	7.41Y	123.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	6.330	0.097	0	0	0	0
PL.10001	PL.9513	C	#4 ACSR	7.41Y	123.5	0.00	1.51	3.64	3	26	7	97	0.00	0.0	6.237	0.004	0	0	0	6
PD.1836	PL.10001	C	30T	7.41Y	123.5	0.00	1.51	3.64	0	26	7	97	0.00	0.0	6.237	0.004	0	0	0	6
PL.10002	PD.1836	C	#4 ACSR	7.41Y	123.5	0.00	1.51	3.64	3	26	7	97	0.00	0.0	6.257	0.021	0	0	0	6
PL.9515	PL.10002	C	#4 ACSR	7.41Y	123.5	0.00	1.52	3.64	3	26	7	97	0.00	0.0	6.291	0.034	6	2	2	6

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9514	PL.9515	C	#4 ACSR	7.41Y	123.5	0.00	1.52	2.83	2	20	5	97	0.00	0.0	6.330	0.038	13	4	2	4
PL.8643	PL.9514	C	1/0 AL URD	7.41Y	123.5	0.00	1.52	0.95	1	7	2	96	0.00	0.0	6.334	0.004	0	0	0	2
PD.1753	PL.8643	C	20T	7.41Y	123.5	0.00	1.52	0.95	0	7	2	96	0.00	0.0	6.334	0.004	0	0	0	2
PL.8644	PD.1753	C	1/0 AL URD	7.41Y	123.5	0.00	1.52	0.95	1	7	2	96	0.00	0.0	6.377	0.043	7	2	2	2
PL.8645	PL.9513	A	#4 ACSR	7.41Y	123.5	0.00	1.51	0.93	1	7	2	96	0.00	0.0	6.236	0.004	0	0	0	1
PD.1754	PL.8645	A	30T	7.41Y	123.5	0.00	1.51	0.93	0	7	2	96	0.00	0.0	6.236	0.004	0	0	0	1
PL.8646	PD.1754	A	#1/0 ACSR	7.41Y	123.5	0.00	1.51	0.93	0	7	2	96	0.00	0.0	6.276	0.039	7	2	1	1
PL.8310	PL.8907	ABC	#1/0 ACSR	7.41Y	123.5	0.02	1.53	15.46	7	332	88	97	0.06	0.0	6.148	0.090	0	0	0	76
PL.9875	PL.8310	C	#4 ACSR	7.41Y	123.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	6.153	0.005	0	0	0	0
PD.1749	PL.9875	C	30T	7.41Y	123.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	6.153	0.005	0	0	0	0
PL.9876	PD.1749	C	#4 ACSR	7.41Y	123.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	6.220	0.067	0	0	0	0
PL.10125	PL.8310	ABC	#1/0 ACSR	7.41Y	123.4	0.04	1.57	15.46	7	332	88	97	0.08	0.0	6.275	0.127	0	0	0	76
PD.1863	PL.10125	ABC	50H	7.41Y	123.4	0.00	1.57	15.46	31	332	88	97	0.00	0.0	6.275	0.127	0	0	0	76
PL.10126	PD.1863	ABC	#1/0 ACSR	7.40Y	123.4	0.08	1.65	15.46	7	332	88	97	0.19	0.1	6.569	0.294	0	0	0	76
PL.8448	PL.10126	ABC	#1/0 ACSR	7.40Y	123.3	0.03	1.68	15.28	7	328	87	97	0.07	0.0	6.679	0.110	0	0	0	75
PL.8447	PL.8448	ABC	#1/0 ACSR	7.40Y	123.3	0.03	1.70	15.21	7	326	86	97	0.06	0.0	6.772	0.093	0	0	0	73
PL.8908	PL.8447	ABC	#1/0 ACSR	7.40Y	123.3	0.04	1.74	14.68	6	315	83	97	0.08	0.0	6.912	0.139	0	0	0	71
PL.8909	PL.8908	ABC	#1/0 ACSR	7.39Y	123.2	0.04	1.78	14.68	6	315	83	97	0.09	0.0	7.062	0.150	0	0	0	71
PL.9046	PL.8909	C	6 A (CWC)	7.39Y	123.2	0.00	1.78	2.07	1	15	4	97	0.00	0.0	7.066	0.004	0	0	0	1
PD.1733	PL.9046	C	20T	7.39Y	123.2	0.00	1.78	2.07	0	15	4	97	0.00	0.0	7.066	0.004	0	0	0	1
PL.9047	PD.1733	C	6 A (CWC)	7.39Y	123.2	0.00	1.78	2.07	1	15	4	97	0.00	0.0	7.118	0.053	15	4	1	1
PL.8910	PL.8909	ABC	#1/0 ACSR	7.39Y	123.2	0.03	1.81	13.99	6	300	79	97	0.06	0.0	7.187	0.125	6	1	1	70
PL.10073	PL.8910	C	#1/0 ACSR	7.39Y	123.2	0.00	1.81	0.89	0	6	2	95	0.00	0.0	7.191	0.005	0	0	0	1
PD.1667	PL.10073	C	20T	7.39Y	123.2	0.00	1.81	0.89	0	6	2	95	0.00	0.0	7.191	0.005	0	0	0	1
PL.10074	PD.1667	C	#1/0 ACSR	7.39Y	123.2	0.00	1.81	0.89	0	6	2	95	0.00	0.0	7.251	0.059	6	2	1	1
PL.8911	PL.8910	ABC	#1/0 ACSR	7.39Y	123.2	0.02	1.83	13.44	6	288	76	97	0.05	0.0	7.288	0.101	0	0	0	68
PL.8912	PL.8911	ABC	#1/0 ACSR	7.39Y	123.1	0.02	1.86	13.34	6	286	76	97	0.05	0.0	7.387	0.099	0	0	0	67
PL.9432	PL.8912	ABC	#1/0 ACSR	7.39Y	123.1	0.01	1.87	12.82	6	275	73	97	0.03	0.0	7.450	0.063	8	2	1	66
PL.9433	PL.9432	ABC	#1/0 ACSR	7.39Y	123.1	0.03	1.90	12.43	5	266	70	97	0.06	0.0	7.594	0.144	17	5	4	65
PL.9810	PL.9433	ABC	#1/0 ACSR	7.38Y	123.1	0.02	1.92	11.61	5	249	66	97	0.04	0.0	7.692	0.099	3	1	1	61
PL.9811	PL.9810	ABC	#1/0 ACSR	7.38Y	123.1	0.02	1.94	11.46	5	245	65	97	0.03	0.0	7.792	0.099	5	1	1	60

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9434	PL.9811	ABC	#1/0 ACSR	7.38Y	123.0	0.04	1.99	11.24	5	241	64	97	0.07	0.0	8.008	0.217	0	0	0	59
PL.9052	PL.9434	B	6 A (CWC)	7.38Y	122.9	0.07	2.06	24.10	17	172	45	97	0.09	0.1	8.073	0.065	0	0	0	36
PD.1736	PL.9052	B	30T	7.38Y	122.9	0.00	2.06	24.10	0	172	45	97	0.00	0.0	8.073	0.065	0	0	0	36
PL.9053	PD.1736	B	6 A (CWC)	7.36Y	122.7	0.25	2.31	24.10	17	172	45	97	0.32	0.2	8.303	0.230	0	0	0	36
PL.8466	PL.9053	B	#4 ACSR	7.36Y	122.7	0.00	2.31	0.66	1	5	1	98	0.00	0.0	8.357	0.054	5	1	2	2
PL.9439	PL.9053	B	6 A (CWC)	7.35Y	122.6	0.11	2.42	23.44	17	167	44	97	0.14	0.1	8.408	0.105	6	2	2	34
PL.9440	PL.9439	B	6 A (CWC)	7.35Y	122.5	0.03	2.45	22.55	16	160	42	97	0.04	0.0	8.438	0.030	0	0	0	32
PL.9448	PL.9440	B	6 A (CWC)	7.34Y	122.4	0.17	2.62	22.55	16	160	42	97	0.20	0.1	8.608	0.170	8	2	1	32
PL.9449	PL.9448	B	6 A (CWC)	7.34Y	122.3	0.09	2.71	21.41	15	152	40	97	0.10	0.1	8.699	0.091	0	0	0	31
PL.8468	PL.9449	B	#1/0 ACSR	7.34Y	122.3	0.00	2.71	1.63	1	12	3	97	0.00	0.0	8.724	0.025	12	3	3	3
PL.8913	PL.9449	B	6 A (CWC)	7.33Y	122.2	0.09	2.80	19.78	14	140	37	97	0.09	0.1	8.797	0.098	0	0	0	28
PL.8469	PL.8913	B	6 A (CWC)	7.33Y	122.2	0.03	2.83	7.04	5	50	13	97	0.01	0.0	8.888	0.091	0	0	0	9
PL.8471	PL.8469	B	#4 ACSR	7.33Y	122.2	0.00	2.83	1.12	1	8	2	97	0.00	0.0	8.916	0.027	8	2	2	2
PL.9245	PL.8469	B	6 A (CWC)	7.33Y	122.2	0.02	2.84	5.93	4	42	11	97	0.00	0.0	8.945	0.056	0	0	0	7
PL.9472	PL.9245	B	6 A (CWC)	7.33Y	122.1	0.03	2.88	5.93	4	42	11	97	0.01	0.0	9.071	0.126	2	1	1	7
PL.9473	PL.9472	B	6 A (CWC)	7.32Y	122.1	0.07	2.94	5.61	4	40	10	97	0.02	0.0	9.329	0.258	0	0	0	6
PL.8412	PL.9473	B	#4 ACSR	7.32Y	122.0	0.04	2.99	5.61	4	40	10	97	0.01	0.0	9.525	0.196	10	3	2	6
PL.8483	PL.8412	B	#2 ACSR	7.32Y	122.0	0.03	3.02	4.16	2	29	8	96	0.01	0.0	9.781	0.255	4	1	1	4
PL.8481	PL.8483	B	#2 ACSR	7.32Y	122.0	0.01	3.02	2.48	1	18	5	96	0.00	0.0	9.881	0.100	8	2	1	2
PL.8482	PL.8481	B	#1/0 ACSR	7.32Y	122.0	0.00	3.02	1.36	1	10	3	96	0.00	0.0	9.923	0.042	10	3	1	1
PL.8480	PL.8483	B	#2 ACSR	7.32Y	122.0	0.00	3.02	1.17	1	8	2	97	0.00	0.0	9.808	0.027	8	2	1	1
PL.9450	PL.8913	B	6 A (CWC)	7.33Y	122.1	0.06	2.86	11.15	8	79	21	97	0.03	0.0	8.914	0.118	9	2	1	18
PL.9451	PL.9450	B	6 A (CWC)	7.32Y	122.0	0.13	2.99	9.88	7	70	18	97	0.07	0.1	9.212	0.298	0	0	0	17
PL.8914	PL.9451	B	6 A (CWC)	7.32Y	121.9	0.09	3.08	8.63	6	61	16	97	0.04	0.1	9.458	0.246	7	2	3	16
PL.8474	PL.8914	B	#4 ACSR	7.32Y	121.9	0.00	3.08	1.42	1	10	3	96	0.00	0.0	9.508	0.050	10	3	2	2
PL.8915	PL.8914	B	6 A (CWC)	7.31Y	121.9	0.02	3.10	6.21	4	44	12	96	0.00	0.0	9.524	0.065	11	3	2	11
PL.8475	PL.8915	B	#4 ACSR	7.31Y	121.9	0.00	3.10	0.00	0	0	0	100	0.00	0.0	9.880	0.356	0	0	1	1
PL.9389	PL.8915	B	6 A (CWC)	7.31Y	121.9	0.01	3.10	4.68	3	33	9	96	0.00	0.0	9.562	0.038	2	0	1	8
PL.9390	PL.9389	B	6 A (CWC)	7.31Y	121.8	0.05	3.16	4.42	3	31	8	97	0.01	0.0	9.820	0.258	0	0	0	7
PL.8916	PL.9390	B	6 A (CWC)	7.31Y	121.8	0.03	3.19	3.31	2	23	6	97	0.01	0.0	10.035	0.215	1	0	1	6
PL.9392	PL.8916	B	6 A (CWC)	7.31Y	121.8	0.01	3.20	3.14	2	22	6	96	0.00	0.0	10.160	0.125	7	2	2	5

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8478	PL.9392	B	#4 ACSR	7.31Y	121.8	0.00	3.21	2.08	2	15	4	97	0.00	0.0	10.186	0.026	0	0	0	3
PL.8477	PL.8478	B	#4 ACSR	7.31Y	121.8	0.00	3.21	0.71	1	5	1	98	0.00	0.0	10.268	0.082	5	1	1	1
PL.9246	PL.8478	B	#4 ACSR	7.31Y	121.8	0.01	3.21	1.37	1	10	3	96	0.00	0.0	10.283	0.097	0	0	0	2
PL.9387	PL.9246	B	6 A (CWC)	7.31Y	121.8	0.00	3.21	1.37	1	10	3	96	0.00	0.0	10.338	0.056	7	2	1	2
PL.9388	PL.9387	B	6 A (CWC)	7.31Y	121.8	0.00	3.21	0.39	0	3	1	95	0.00	0.0	10.436	0.098	3	1	1	1
PL.8476	PL.9390	B	#4 ACSR	7.31Y	121.8	0.00	3.16	1.11	1	8	2	97	0.00	0.0	9.862	0.043	8	2	1	1
PL.8472	PL.9451	B	#4 ACSR	7.32Y	122.0	0.00	2.99	1.25	1	9	2	98	0.00	0.0	9.261	0.049	9	2	1	1
PL.8470	PL.8913	B	#4 ACSR	7.33Y	122.2	0.00	2.80	1.59	1	11	3	96	0.00	0.0	8.827	0.030	11	3	1	1
PL.8453	PL.9434	A	6 A (CWC)	7.38Y	123.0	0.06	2.04	9.63	7	69	18	97	0.03	0.0	8.138	0.130	0	0	3	23
PL.10021	PL.8453	A	6 A (CWC)	7.38Y	123.0	0.00	2.05	9.63	7	69	18	97	0.00	0.0	8.142	0.005	0	0	0	20
PD.1641	PL.10021	A	15T	7.38Y	123.0	0.00	2.05	9.63	0	69	18	97	0.00	0.0	8.142	0.005	0	0	0	20
PL.10022	PD.1641	A	6 A (CWC)	7.38Y	122.9	0.03	2.07	9.63	7	69	18	97	0.01	0.0	8.200	0.058	2	1	1	20
PL.8917	PL.10022	A	6 A (CWC)	7.37Y	122.9	0.05	2.12	9.02	6	64	17	97	0.02	0.0	8.330	0.129	13	3	1	13
PL.8456	PL.8917	A	#4 ACSR	7.37Y	122.9	0.01	2.12	2.17	2	15	4	97	0.00	0.0	8.396	0.066	4	1	1	3
PL.8458	PL.8456	A	#4 ACSR	7.37Y	122.9	0.00	2.12	1.06	1	8	2	97	0.00	0.0	8.429	0.033	8	2	1	1
PL.9446	PL.8456	A	#2 ACSR	7.37Y	122.9	0.00	2.12	0.53	0	4	1	97	0.00	0.0	8.433	0.037	0	0	0	1
PL.9447	PL.9446	A	#2 ACSR	7.37Y	122.9	0.00	2.12	0.53	0	4	1	97	0.00	0.0	8.462	0.029	4	1	1	1
PL.8457	PL.8456	A	#2 ACSR	7.37Y	122.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	8.433	0.037	0	0	0	0
PL.8455	PL.8917	A	#4 ACSR	7.37Y	122.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	8.361	0.032	0	0	0	0
PL.8454	PL.8917	A	6 A (CWC)	7.37Y	122.9	0.02	2.14	5.04	4	36	9	97	0.01	0.0	8.426	0.096	0	0	0	9
PL.8459	PL.8454	A	#1/0 ACSR	7.37Y	122.9	0.00	2.14	0.97	0	7	2	96	0.00	0.0	8.467	0.041	7	2	1	1
PL.8918	PL.8454	A	6 A (CWC)	7.37Y	122.9	0.00	2.15	4.06	3	29	8	96	0.00	0.0	8.450	0.024	0	0	0	8
PL.8460	PL.8918	A	#4 ACSR	7.37Y	122.9	0.00	2.15	0.40	0	3	1	95	0.00	0.0	8.522	0.072	3	1	2	2
PL.8919	PL.8918	A	6 A (CWC)	7.37Y	122.8	0.02	2.16	3.66	3	26	7	97	0.00	0.0	8.576	0.126	6	2	1	6
PL.8461	PL.8919	A	6 A (CWC)	7.37Y	122.8	0.00	2.16	0.00	0	0	0	100	0.00	0.0	8.641	0.065	0	0	0	0
PL.8463	PL.8919	A	6 A (CWC)	7.37Y	122.8	0.02	2.18	2.07	1	15	4	97	0.00	0.0	8.816	0.240	7	2	1	4
PL.9453	PL.8463	A	6 A (CWC)	7.37Y	122.8	0.00	2.18	1.10	1	8	2	97	0.00	0.0	8.854	0.038	0	0	0	3
PL.8464	PL.9453	A	6 A (CWC)	7.37Y	122.8	0.00	2.19	0.44	0	3	1	95	0.00	0.0	9.060	0.206	3	1	1	1
PL.9455	PL.8464	A	6 A (CWC)	7.37Y	122.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	9.186	0.126	0	0	0	0
PL.8465	PL.9453	A	#1/0 ACSR	7.37Y	122.8	0.00	2.18	0.66	0	5	1	98	0.00	0.0	8.892	0.038	5	1	2	2
PL.8462	PL.8919	A	6 A (CWC)	7.37Y	122.8	0.00	2.16	0.78	1	6	1	99	0.00	0.0	8.634	0.059	6	1	1	1

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9444	PL.10022	A	#4 ACSR	7.38Y	122.9	0.00	2.07	0.33	0	2	1	89	0.00	0.0	8.256	0.056	0	0	1	5
PL.9445	PL.9444	A	#4 ACSR	7.38Y	122.9	0.00	2.07	0.32	0	2	1	89	0.00	0.0	8.290	0.034	2	1	4	4
PL.9442	PL.10022	A	#2 ACSR	7.38Y	122.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	8.251	0.051	0	0	0	1
PL.9443	PL.9442	A	#2 ACSR	7.38Y	122.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	8.296	0.045	0	0	1	1
PL.9048	PL.8912	C	#1/0 ACSR	7.39Y	123.1	0.00	1.86	1.56	1	11	3	96	0.00	0.0	7.391	0.004	0	0	0	1
PD.1734	PL.9048	C	20T	7.39Y	123.1	0.00	1.86	1.56	0	11	3	96	0.00	0.0	7.391	0.004	0	0	0	1
PL.9049	PD.1734	C	#1/0 ACSR	7.39Y	123.1	0.00	1.86	1.56	1	11	3	96	0.00	0.0	7.399	0.008	11	3	1	1
PL.9050	PL.8911	C	#4 ACSR	7.39Y	123.2	0.00	1.83	0.30	0	2	1	89	0.00	0.0	7.293	0.005	0	0	0	1
PD.1735	PL.9050	C	20T	7.39Y	123.2	0.00	1.83	0.30	0	2	1	89	0.00	0.0	7.293	0.005	0	0	0	1
PL.9051	PD.1735	C	#4 ACSR	7.39Y	123.2	0.00	1.83	0.30	0	2	1	89	0.00	0.0	7.327	0.035	0	0	0	1
PL.8628	PL.9051	C	#4 ACSR	7.39Y	123.2	0.00	1.83	0.30	0	2	1	89	0.00	0.0	7.348	0.021	2	1	1	1
PL.8372	PL.8908	C	6 A (CWC)	7.40Y	123.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	6.916	0.005	0	0	0	0
PD.1768	PL.8372	C	20T	7.40Y	123.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	6.916	0.005	0	0	0	0
PL.8373	PD.1768	C	6 A (CWC)	7.40Y	123.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	6.976	0.060	0	0	0	0
PL.8649	PL.8447	C	#2 ACSR	7.40Y	123.3	0.00	1.70	1.59	1	11	3	96	0.00	0.0	6.777	0.005	0	0	0	2
PD.1756	PL.8649	C	20T	7.40Y	123.3	0.00	1.70	1.59	0	11	3	96	0.00	0.0	6.777	0.005	0	0	0	2
PL.8650	PD.1756	C	#2 ACSR	7.40Y	123.3	0.00	1.70	1.59	1	11	3	96	0.00	0.0	6.827	0.050	11	3	2	2
PL.8647	PL.8448	A	6 A (CWC)	7.40Y	123.3	0.00	1.68	0.21	0	2	0	100	0.00	0.0	6.683	0.004	0	0	0	2
PD.1755	PL.8647	A	20T	7.40Y	123.3	0.00	1.68	0.21	0	2	0	100	0.00	0.0	6.683	0.004	0	0	0	2
PL.8648	PD.1755	A	6 A (CWC)	7.40Y	123.3	0.00	1.68	0.21	0	2	0	100	0.00	0.0	6.737	0.054	1	0	1	2
PL.9516	PL.8648	A	#4 ACSR	7.40Y	123.3	0.00	1.68	0.03	0	0	0	100	0.00	0.0	6.777	0.041	0	0	1	1
PL.9517	PL.9516	A	#4 ACSR	7.40Y	123.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	6.796	0.018	0	0	0	0
PL.8450	PL.9517	A	6 A (CWC)	7.40Y	123.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	6.880	0.084	0	0	0	0
PL.8451	PL.8450	A	6 A (CWC)	7.40Y	123.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	6.945	0.065	0	0	0	0
PL.8627	PL.8451	A	6 A (CWC)	7.40Y	123.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	6.972	0.027	0	0	0	0
PL.9975	PL.10126	A	6 A (CWC)	7.40Y	123.4	0.00	1.65	0.54	0	4	1	97	0.00	0.0	6.574	0.005	0	0	0	1
PD.1820	PL.9975	A	20T	7.40Y	123.4	0.00	1.65	0.54	0	4	1	97	0.00	0.0	6.574	0.005	0	0	0	1
PL.9976	PD.1820	A	6 A (CWC)	7.40Y	123.4	0.00	1.65	0.54	0	4	1	97	0.00	0.0	6.645	0.071	4	1	1	1
PL.8449	PL.9976	A	#4 ACSR	7.40Y	123.4	0.00	1.65	0.00	0	0	0	100	0.00	0.0	6.672	0.027	0	0	0	0
PL.8641	PL.8309	C	1/0 AL URD	7.41Y	123.5	0.00	1.50	2.15	1	15	4	97	0.00	0.0	6.037	0.005	0	0	0	1
PD.1752	PL.8641	C	30T	7.41Y	123.5	0.00	1.50	2.15	0	15	4	97	0.00	0.0	6.037	0.005	0	0	0	1

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8642	PD.1752	C	1/0 AL URD	7.41Y	123.5	0.00	1.50	2.15	1	15	4	97	0.00	0.0	6.058	0.020	15	4	1	1
PL.9877	PL.9892	A	6 A (CWC)	7.41Y	123.5	0.00	1.46	11.31	8	81	21	97	0.00	0.0	5.725	0.005	0	0	0	20
PD.1750	PL.9877	A	30T	7.41Y	123.5	0.00	1.46	11.31	0	81	21	97	0.00	0.0	5.725	0.005	0	0	0	20
PL.9878	PD.1750	A	6 A (CWC)	7.41Y	123.5	0.02	1.48	11.31	8	81	21	97	0.01	0.0	5.759	0.033	0	0	0	20
PL.8306	PL.9878	A	#4 ACSR	7.41Y	123.5	0.01	1.49	9.19	7	66	17	97	0.01	0.0	5.794	0.035	23	6	3	14
PL.8307	PL.8306	A	#4 ACSR	7.41Y	123.5	0.00	1.49	5.93	5	43	11	97	0.00	0.0	5.798	0.004	0	0	0	11
PL.8308	PL.8307	A	#4 ACSR	7.41Y	123.5	0.02	1.51	5.93	5	43	11	97	0.01	0.0	5.887	0.089	0	0	0	11
PL.8485	PL.8308	A	#4 ACSR	7.41Y	123.5	0.00	1.52	5.93	5	42	11	97	0.00	0.0	5.904	0.017	7	2	2	11
PL.8904	PL.8485	A	#4 ACSR	7.41Y	123.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	5.947	0.043	0	0	0	0
PL.9505	PL.8485	A	#4 ACSR	7.41Y	123.5	0.00	1.52	4.89	4	35	9	97	0.00	0.0	5.923	0.019	10	3	2	9
PL.9506	PL.9505	A	#4 ACSR	7.41Y	123.5	0.00	1.53	3.50	3	25	7	96	0.00	0.0	5.952	0.029	4	1	1	7
PL.9507	PL.9506	A	#4 ACSR	7.41Y	123.5	0.00	1.53	2.94	2	21	6	96	0.00	0.0	5.976	0.024	17	4	5	6
PL.8486	PL.9507	A	#1/0 ACSR	7.41Y	123.5	0.00	1.53	0.55	0	4	1	97	0.00	0.0	6.028	0.052	4	1	1	1
PL.9502	PL.9878	A	6 A (CWC)	7.41Y	123.5	0.00	1.48	2.12	2	15	4	97	0.00	0.0	5.778	0.019	11	3	3	6
PL.9503	PL.9502	A	6 A (CWC)	7.41Y	123.5	0.00	1.48	0.57	0	4	1	97	0.00	0.0	5.802	0.024	3	1	2	3
PL.9504	PL.9503	A	6 A (CWC)	7.41Y	123.5	0.00	1.48	0.08	0	1	0	100	0.00	0.0	5.978	0.176	1	0	1	1
PL.8484	PL.9504	A	6 A (CWC)	7.41Y	123.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	6.010	0.032	0	0	0	0
PL.9508	PL.9892	ABC	#1/0 ACSR	7.41Y	123.5	0.00	1.46	0.61	0	13	3	97	0.00	0.0	5.759	0.038	11	3	4	5
PL.9509	PL.9508	ABC	#1/0 ACSR	7.41Y	123.5	0.00	1.46	0.11	0	2	1	89	0.00	0.0	5.781	0.022	2	1	1	1
CP.17	PL.9891	ABC	Cap (300)	7.41Y	123.6	0.00	1.45	0.00	0	0	0	100	0.00	0.0	5.671	0.022	0	0	0	0
PL.9873	PL.8905	C	#4 ACSR	7.41Y	123.6	0.00	1.44	3.74	3	27	7	97	0.00	0.0	5.615	0.005	0	0	0	6
PD.1748	PL.9873	C	15T	7.41Y	123.6	0.00	1.44	3.74	0	27	7	97	0.00	0.0	5.615	0.005	0	0	0	6
PL.9874	PD.1748	C	#4 ACSR	7.41Y	123.6	0.00	1.44	3.74	3	27	7	97	0.00	0.0	5.633	0.018	14	4	3	6
PL.9497	PL.9874	C	#4 ACSR	7.41Y	123.6	0.00	1.44	1.76	1	13	3	97	0.00	0.0	5.644	0.011	13	3	3	3
PL.9997	PL.8903	C	#4 ACSR	7.42Y	123.6	0.00	1.40	2.97	2	21	6	96	0.00	0.0	5.429	0.004	0	0	0	3
PD.1834	PL.9997	C	30T	7.42Y	123.6	0.00	1.40	2.97	0	21	6	96	0.00	0.0	5.429	0.004	0	0	0	3
PL.9998	PD.1834	C	#4 ACSR	7.42Y	123.6	0.00	1.40	2.97	2	21	6	96	0.00	0.0	5.439	0.010	0	0	0	3
PL.9496	PL.9998	C	#4 ACSR	7.42Y	123.6	0.00	1.40	2.97	2	21	6	96	0.00	0.0	5.458	0.019	14	4	2	3
PL.9823	PL.9496	C	#4 ACSR	7.42Y	123.6	0.00	1.40	1.05	1	8	2	97	0.00	0.0	5.497	0.040	0	0	0	1
PL.9824	PL.9823	C	#4 ACSR	7.42Y	123.6	0.00	1.41	1.05	1	8	2	97	0.00	0.0	5.563	0.065	8	2	1	1
PL.9070	PL.9244	C	#4 ACSR	7.42Y	123.6	0.00	1.37	1.08	1	8	2	97	0.00	0.0	5.313	0.005	0	0	0	2

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.1746	PL.9070	C	30T	7.42Y	123.6	0.00	1.37	1.08	0	8	2	97	0.00	0.0	5.313	0.005	0	0	0	2
PL.9071	PD.1746	C	#4 ACSR	7.42Y	123.6	0.00	1.38	1.08	1	8	2	97	0.00	0.0	5.349	0.036	8	2	1	2
PL.8305	PL.9071	C	#2 ACSR	7.42Y	123.6	0.00	1.38	0.00	0	0	0	100	0.00	0.0	5.391	0.042	0	0	1	1
PL.9991	PL.8898	C	#2 ACSR	7.42Y	123.7	0.00	1.32	0.02	0	0	0	100	0.00	0.0	5.056	0.005	0	0	0	1
PD.1831	PL.9991	C	30T	7.42Y	123.7	0.00	1.32	0.02	0	0	0	100	0.00	0.0	5.056	0.005	0	0	0	1
PL.9992	PD.1831	C	#2 ACSR	7.42Y	123.7	0.00	1.32	0.02	0	0	0	100	0.00	0.0	5.068	0.012	0	0	1	1
PL.10115	PL.8898	A	#4 ACSR	7.42Y	123.7	0.00	1.32	25.70	20	184	49	97	0.00	0.0	5.054	0.003	0	0	0	47
PD.1857	PL.10115	A	35L	7.42Y	123.7	0.00	1.32	25.70	73	184	49	97	0.00	0.0	5.054	0.003	0	0	0	47
PL.10116	PD.1857	A	#4 ACSR	7.42Y	123.6	0.06	1.38	25.70	20	184	49	97	0.08	0.0	5.106	0.052	0	0	1	47
PL.8304	PL.10116	A	#4 ACSR	7.42Y	123.6	0.00	1.38	0.04	0	0	0	100	0.00	0.0	5.171	0.065	0	0	1	1
PL.8303	PL.10116	A	#4 ACSR	7.42Y	123.6	0.00	1.38	1.17	1	8	2	97	0.00	0.0	5.136	0.030	8	2	3	3
PL.8439	PL.10116	A	#4 ACSR	7.41Y	123.6	0.06	1.44	24.48	19	176	46	97	0.09	0.0	5.165	0.059	0	0	0	42
PL.9494	PL.8439	A	#4 ACSR	7.41Y	123.5	0.06	1.50	24.48	19	176	46	97	0.08	0.0	5.222	0.057	9	2	6	42
PL.9495	PL.9494	A	#4 ACSR	7.41Y	123.5	0.01	1.51	23.25	18	167	44	97	0.01	0.0	5.233	0.011	6	2	1	36
PL.9492	PL.9495	A	#4 ACSR	7.40Y	123.4	0.07	1.58	22.34	17	160	42	97	0.08	0.1	5.304	0.071	7	2	1	35
PL.9493	PL.9492	A	#4 ACSR	7.40Y	123.4	0.06	1.64	21.43	16	153	40	97	0.07	0.0	5.368	0.064	9	2	2	34
PL.8901	PL.9493	A	#4 ACSR	7.40Y	123.4	0.00	1.64	0.97	1	7	2	96	0.00	0.0	5.395	0.027	7	2	1	1
PL.9486	PL.9493	A	#4 ACSR	7.40Y	123.3	0.05	1.69	19.17	15	137	36	97	0.05	0.0	5.429	0.062	6	1	1	31
PL.9487	PL.9486	A	#4 ACSR	7.40Y	123.3	0.04	1.73	18.38	14	132	35	97	0.03	0.0	5.473	0.043	0	0	0	30
PL.9488	PL.9487	A	#4 ACSR	7.39Y	123.2	0.03	1.76	18.38	14	131	35	97	0.03	0.0	5.509	0.036	0	0	0	30
PL.9489	PL.9488	A	#4 ACSR	7.39Y	123.2	0.02	1.78	18.38	14	131	35	97	0.02	0.0	5.530	0.021	13	3	2	30
PL.9490	PL.9489	A	6 A (CWC)	7.39Y	123.2	0.04	1.81	16.57	12	118	31	97	0.03	0.0	5.583	0.053	8	2	1	28
PL.9491	PL.9490	A	6 A (CWC)	7.39Y	123.1	0.06	1.87	15.38	11	110	29	97	0.05	0.0	5.666	0.083	1	0	1	27
PL.9482	PL.9491	A	6 A (CWC)	7.38Y	123.0	0.08	1.95	15.03	11	107	28	97	0.06	0.1	5.790	0.124	9	2	1	25
PL.9483	PL.9482	A	6 A (CWC)	7.38Y	123.0	0.03	1.98	13.80	10	99	26	97	0.02	0.0	5.840	0.050	0	0	1	24
PL.8440	PL.9483	A	#4 ACSR	7.38Y	123.0	0.04	2.02	12.86	10	92	24	97	0.03	0.0	5.915	0.076	15	4	3	22
PL.8442	PL.8440	A	6 A (CWC)	7.38Y	123.0	0.00	2.03	1.16	1	8	2	97	0.00	0.0	5.994	0.079	8	2	1	1
PL.9480	PL.8440	A	6 A (CWC)	7.38Y	122.9	0.03	2.06	9.64	7	69	18	97	0.02	0.0	5.993	0.078	12	3	2	18
PL.9481	PL.9480	A	6 A (CWC)	7.38Y	122.9	0.02	2.08	7.94	6	57	15	97	0.01	0.0	6.059	0.066	3	1	1	16
PL.9261	PL.9481	A	6 A (CWC)	7.37Y	122.9	0.01	2.09	6.28	4	45	12	97	0.00	0.0	6.098	0.039	13	3	2	13
PL.8444	PL.9261	A	#1/0 ACSR	7.37Y	122.9	0.00	2.09	0.77	0	5	1	98	0.00	0.0	6.159	0.061	5	1	2	2

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
PL.9825	PL.9261	A	6 A (CWC)	7.37Y	122.9	0.02	2.10	3.74	3	27	7	97	0.00	0.0	6.202	0.103	8	2	1	9	
PL.9826	PL.9825	A	6 A (CWC)	7.37Y	122.9	0.02	2.12	2.64	2	19	5	97	0.00	0.0	6.336	0.135	0	0	0	8	
PL.8902	PL.9826	A	6 A (CWC)	7.37Y	122.9	0.02	2.14	2.30	2	16	4	97	0.00	0.0	6.514	0.178	0	0	1	6	
PL.9478	PL.8902	A	#2 ACSR	7.37Y	122.9	0.00	2.14	1.70	1	12	3	97	0.00	0.0	6.568	0.054	7	2	1	3	
PL.9479	PL.9478	A	#2 ACSR	7.37Y	122.9	0.00	2.14	0.73	0	5	1	98	0.00	0.0	6.754	0.186	5	1	2	2	
PL.9484	PL.8902	A	6 A (CWC)	7.37Y	122.9	0.00	2.14	0.57	0	4	1	97	0.00	0.0	6.656	0.141	2	1	1	2	
PL.9485	PL.9484	A	6 A (CWC)	7.37Y	122.9	0.00	2.14	0.26	0	2	0	100	0.00	0.0	6.710	0.054	2	0	1	1	
PL.8446	PL.9826	A	#4 ACSR	7.37Y	122.9	0.00	2.12	0.33	0	2	1	89	0.00	0.0	6.391	0.054	2	1	1	1	
PL.8445	PL.9826	A	#1/0 ACSR	7.37Y	122.9	0.00	2.12	0.01	0	0	0	100	0.00	0.0	6.384	0.047	0	0	1	1	
PL.8443	PL.9481	A	#4 ACSR	7.38Y	122.9	0.00	2.08	1.23	1	9	2	98	0.00	0.0	6.090	0.031	9	2	2	2	
PL.8441	PL.9483	A	#4 ACSR	7.38Y	123.0	0.00	1.99	0.93	1	7	2	96	0.00	0.0	5.863	0.024	7	2	1	1	
PL.10207	PL.9491	A	#1/0 ACSR	7.39Y	123.1	0.00	1.87	0.22	0	2	0	100	0.00	0.0	5.702	0.036	2	0	1	1	
PL.8900	PL.8439	A	#4 ACSR	7.41Y	123.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	5.218	0.052	0	0	0	0	
PL.9066	PL.9576	A	1/0 AL URD	7.42Y	123.7	0.00	1.27	1.26	1	9	2	98	0.00	0.0	4.904	0.005	0	0	0	1	
PD.1744	PL.9066	A	30T	7.42Y	123.7	0.00	1.27	1.26	0	9	2	98	0.00	0.0	4.904	0.005	0	0	0	1	
PL.9067	PD.1744	A	1/0 AL URD	7.42Y	123.7	0.00	1.27	1.26	1	9	2	98	0.00	0.0	4.948	0.044	9	2	1	1	
PL.9989	PL.8298	C	6 A (CWC)	7.44Y	124.0	0.00	0.98	0.47	0	3	1	95	0.00	0.0	4.443	0.005	0	0	0	1	
PD.1830	PL.9989	C	65T	7.44Y	124.0	0.00	0.98	0.47	0	3	1	95	0.00	0.0	4.443	0.005	0	0	0	1	
PL.9990	PD.1830	C	6 A (CWC)	7.44Y	124.0	0.00	0.98	0.47	0	3	1	95	0.00	0.0	4.522	0.079	3	1	1	1	
PL.8301	PL.9990	C	6 A (CWC)	7.44Y	124.0	0.00	0.98	0.00	0	0	0	100	0.00	0.0	4.569	0.046	0	0	0	0	
PL.9899	PL.8296	A	#4 ACSR	7.46Y	124.3	0.00	0.67	0.29	0	2	1	89	0.00	0.0	4.213	0.005	0	0	0	1	
PD.1780	PL.9899	A	65T	7.46Y	124.3	0.00	0.67	0.29	0	2	1	89	0.00	0.0	4.213	0.005	0	0	0	1	
PL.9900	PD.1780	A	6 A (CWC)	7.46Y	124.3	0.00	0.67	0.29	0	2	1	89	0.00	0.0	4.298	0.084	2	1	1	1	
L PL.10085	PL.8890	ABC	1/0 AL URD	7.02Y	117.0	0.00	8.04	14.22	8	270	130	90	0.00	0.0	3.907	0.004	0	0	0	1	L
L PD.1843	PL.10085	ABC	65T	7.02Y	117.0	0.00	8.04	14.22	0	270	130	90	0.00	0.0	3.907	0.004	0	0	0	1	L
L PL.10086	PD.1843	ABC	1/0 AL URD	7.02Y	117.0	0.01	8.05	14.22	8	270	130	90	0.02	0.0	3.978	0.071	270	131	1	1	L
L PL.10077	PL.8886	C	#4 ACSR	7.04Y	117.3	0.00	7.65	2.55	2	17	5	96	0.00	0.0	3.685	0.004	0	0	0	7	L
L PD.1669	PL.10077	C	65T	7.04Y	117.3	0.00	7.65	2.55	0	17	5	96	0.00	0.0	3.685	0.004	0	0	0	7	L
L PL.10078	PD.1669	C	#4 ACSR	7.04Y	117.3	0.00	7.66	2.55	2	17	5	96	0.00	0.0	3.726	0.041	0	0	0	7	L
L PL.9620	PL.10078	C	#4 ACSR	7.04Y	117.3	0.00	7.66	2.55	2	17	5	96	0.00	0.0	3.738	0.011	8	2	5	7	L
L PL.9621	PL.9620	C	#4 ACSR	7.04Y	117.3	0.00	7.66	1.41	1	10	3	96	0.00	0.0	3.793	0.055	10	3	2	2	L

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.8283	PL.8885	C	#4 ACSR	7.06Y	117.7	0.00	7.32	2.86	2	20	5	97	0.00	0.0	3.523	0.028	20	5	5	5	L
PL.9903	PL.9617	C	6 A (CWC)	7.08Y	118.0	0.00	6.98	2.72	2	19	5	97	0.00	0.0	3.324	0.004	0	0	0	6	
PD.1783	PL.9903	C	65T	7.08Y	118.0	0.00	6.98	2.72	0	19	5	97	0.00	0.0	3.324	0.004	0	0	0	6	
PL.9904	PD.1783	C	6 A (CWC)	7.08Y	118.0	0.01	6.99	2.72	2	19	5	97	0.00	0.0	3.391	0.067	13	3	4	6	
PL.8278	PL.9904	C	#2 ACSR	7.08Y	118.0	0.00	6.99	0.82	0	6	1	99	0.00	0.0	3.433	0.042	6	1	2	2	
PL.8277	PL.9617	A	#4 ACSR	7.08Y	118.0	0.00	6.98	0.37	0	3	1	95	0.00	0.0	3.348	0.028	3	1	1	1	
PL.9907	PL.9630	B	6 A (CWC)	7.10Y	118.4	0.00	6.59	15.37	11	106	28	97	0.00	0.0	3.122	0.005	0	0	0	27	
PD.1785	PL.9907	B	30T	7.10Y	118.4	0.00	6.59	15.37	0	106	28	97	0.00	0.0	3.122	0.005	0	0	0	27	
PL.9908	PD.1785	B	6 A (CWC)	7.10Y	118.4	0.02	6.61	15.37	11	106	28	97	0.02	0.0	3.156	0.034	2	1	3	27	
PL.8272	PL.9908	B	#4 ACSR	7.10Y	118.4	0.01	6.62	15.09	12	104	27	97	0.00	0.0	3.164	0.009	8	2	1	24	
PL.8884	PL.8272	B	#4 ACSR	7.10Y	118.4	0.03	6.65	12.95	10	89	23	97	0.02	0.0	3.217	0.053	14	4	3	20	
PL.8274	PL.8884	B	#4 ACSR	7.10Y	118.3	0.03	6.67	10.95	8	75	20	97	0.02	0.0	3.273	0.056	0	0	0	17	
PL.8276	PL.8274	B	#4 ACSR	7.10Y	118.3	0.02	6.69	5.84	4	40	11	96	0.01	0.0	3.337	0.064	0	0	0	9	
PL.9627	PL.8276	B	#4 ACSR	7.10Y	118.3	0.01	6.70	5.06	4	35	9	97	0.00	0.0	3.371	0.035	5	1	1	7	
PL.9628	PL.9627	B	#4 ACSR	7.10Y	118.3	0.00	6.70	4.39	3	30	8	97	0.00	0.0	3.410	0.038	26	7	4	6	
PL.8279	PL.9628	B	#4 ACSR	7.10Y	118.3	0.00	6.70	0.64	0	4	1	97	0.00	0.0	3.446	0.036	4	1	2	2	
PL.9622	PL.8276	B	#4 ACSR	7.10Y	118.3	0.01	6.69	0.78	1	5	1	98	0.00	0.0	3.513	0.176	2	0	1	2	
PL.9623	PL.9622	B	#4 ACSR	7.10Y	118.3	0.00	6.70	0.52	0	4	1	97	0.00	0.0	3.653	0.140	4	1	1	1	
PL.28277	PL.8274	B	#1/0 ACSR	7.10Y	118.3	0.00	6.67	0.00	0	0	0	100	0.00	0.0	3.292	0.020	0	0	0	0	
PL.8275	PL.8274	B	#1/0 ACSR	7.10Y	118.3	0.00	6.67	0.98	0	7	2	96	0.00	0.0	3.328	0.055	7	2	1	1	
PL.9624	PL.8274	B	#4 ACSR	7.10Y	118.3	0.01	6.69	4.12	3	28	7	97	0.00	0.0	3.365	0.092	11	3	2	7	
PL.9634	PL.9624	B	#4 ACSR	7.10Y	118.3	0.00	6.69	2.59	2	18	5	96	0.00	0.0	3.407	0.043	11	3	4	5	
PL.9635	PL.9634	B	#4 ACSR	7.10Y	118.3	0.00	6.69	0.94	1	6	2	95	0.00	0.0	3.495	0.088	6	2	1	1	
PL.8273	PL.8272	B	#1/0 ACSR	7.10Y	118.4	0.00	6.62	1.02	0	7	2	96	0.00	0.0	3.190	0.026	7	2	3	3	
PL.8270	PL.8883	A	#4 ACSR	7.12Y	118.6	0.00	6.39	1.32	1	9	2	98	0.00	0.0	3.025	0.004	0	0	0	1	
PD.1828	PL.8270	A	65T	7.12Y	118.6	0.00	6.39	1.32	0	9	2	98	0.00	0.0	3.025	0.004	0	0	0	1	
PL.9280	PD.1828	A	#4 ACSR	7.12Y	118.6	0.00	6.39	1.32	1	9	2	98	0.00	0.0	3.029	0.005	0	0	0	1	
PL.8271	PL.9280	A	#4 ACSR	7.12Y	118.6	0.00	6.39	1.32	1	9	2	98	0.00	0.0	3.082	0.053	9	2	1	1	
PL.9127	PD.1828	A	#4 ACSR	7.12Y	118.6	0.00	6.39	0.00	0	0	0	100	0.00	0.0	3.064	0.040	0	0	0	0	
PL.9913	PL.8881	C	#2 ACSR	7.13Y	118.8	0.00	6.22	0.00	0	0	0	100	0.00	0.0	2.942	0.004	0	0	0	0	
PD.1788	PL.9913	C	65T	7.13Y	118.8	0.00	6.22	0.00	0	0	0	100	0.00	0.0	2.942	0.004	0	0	0	0	

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.9914	PD.1788	C	#2 ACSR	7.13Y	118.8	0.00	6.22	0.00	0	0	0	100	0.00	0.0	2.954	0.011	0	0	0	0
PL.9931	PL.9239	C	#4 ACSR	7.16Y	119.3	0.00	5.70	3.22	2	22	6	96	0.00	0.0	2.692	0.005	0	0	0	6
PD.1798	PL.9931	C	30T	7.16Y	119.3	0.00	5.70	3.22	0	22	6	96	0.00	0.0	2.692	0.005	0	0	0	6
PL.9932	PD.1798	C	#4 ACSR	7.16Y	119.3	0.01	5.71	3.22	2	22	6	96	0.00	0.0	2.755	0.063	9	2	2	6
PL.9529	PL.9932	C	#4 ACSR	7.16Y	119.3	0.01	5.72	1.89	1	13	3	97	0.00	0.0	2.815	0.060	0	0	0	4
PL.27922	PL.9529	C	#4 ACSR	7.16Y	119.3	0.00	5.72	1.89	1	13	3	97	0.00	0.0	2.852	0.037	6	1	1	4
PL.27923	PL.27922	C	#4 ACSR	7.16Y	119.3	0.00	5.72	1.09	1	8	2	97	0.00	0.0	2.873	0.021	0	0	0	3
PL.8265	PL.27923	C	6 A (CWC)	7.16Y	119.3	0.00	5.72	1.09	1	8	2	97	0.00	0.0	2.937	0.064	3	1	1	3
PL.8267	PL.8265	C	#4 ACSR	7.16Y	119.3	0.00	5.72	0.00	0	0	0	100	0.00	0.0	3.018	0.081	0	0	0	0
PL.8266	PL.8265	C	#4 ACSR	7.16Y	119.3	0.00	5.72	0.67	1	5	1	98	0.00	0.0	3.024	0.087	0	0	0	2
PL.8268	PL.8266	C	#2 ACSR	7.16Y	119.3	0.00	5.72	0.05	0	0	0	100	0.00	0.0	3.066	0.042	0	0	1	1
PL.8879	PL.8266	C	#4 ACSR	7.16Y	119.3	0.00	5.73	0.63	0	4	1	97	0.00	0.0	3.083	0.059	4	1	1	1
PL.9985	PL.8255	A	#4 ACSR	7.18Y	119.7	0.00	5.26	1.13	1	8	2	97	0.00	0.0	2.466	0.004	0	0	0	2
PD.1827	PL.9985	A	65T	7.18Y	119.7	0.00	5.26	1.13	0	8	2	97	0.00	0.0	2.466	0.004	0	0	0	2
PL.9986	PD.1827	A	#4 ACSR	7.18Y	119.7	0.00	5.26	1.13	1	8	2	97	0.00	0.0	2.515	0.049	8	2	2	2
PL.9983	PL.9640	C	6 A (CWC)	7.19Y	119.8	0.00	5.15	1.91	1	13	3	97	0.00	0.0	2.412	0.004	0	0	0	3
PD.1826	PL.9983	C	65T	7.19Y	119.8	0.00	5.15	1.91	0	13	3	97	0.00	0.0	2.412	0.004	0	0	0	3
PL.9984	PD.1826	C	6 A (CWC)	7.19Y	119.8	0.00	5.16	1.91	1	13	3	97	0.00	0.0	2.485	0.072	8	2	2	3
PL.8256	PL.9984	C	6 A (CWC)	7.19Y	119.8	0.00	5.16	0.71	1	5	1	98	0.00	0.0	2.537	0.052	5	1	1	1
PL.8254	PL.9639	C	#1/0 ACSR	7.21Y	120.2	0.00	4.78	5.66	2	39	10	97	0.00	0.0	2.223	0.004	0	0	0	18
PD.1825	PL.8254	C	65T	7.21Y	120.2	0.00	4.78	5.66	0	39	10	97	0.00	0.0	2.223	0.004	0	0	0	18
PL.8432	PD.1825	C	#1/0 ACSR	7.21Y	120.2	0.00	4.78	1.92	1	13	4	96	0.00	0.0	2.248	0.025	13	4	8	8
PL.9288	PD.1825	C	6 A (CWC)	7.21Y	120.2	0.00	4.78	3.74	3	26	7	97	0.00	0.0	2.227	0.004	0	0	0	10
PL.8260	PL.9288	C	6 A (CWC)	7.21Y	120.2	0.01	4.79	3.74	3	26	7	97	0.00	0.0	2.309	0.082	11	3	4	10
PL.8258	PL.8260	C	#4 ACSR	7.21Y	120.2	0.00	4.79	0.40	0	3	1	95	0.00	0.0	2.333	0.024	0	0	0	1
PL.8257	PL.8258	C	#4 ACSR	7.21Y	120.2	0.00	4.79	0.40	0	3	1	95	0.00	0.0	2.390	0.057	3	1	1	1
PL.10164	PL.8260	C	#4 ACSR	7.21Y	120.2	0.00	4.79	1.73	1	12	3	97	0.00	0.0	2.312	0.003	0	0	0	5
PD.1879	PL.10164	C	20T	7.21Y	120.2	0.00	4.79	1.73	0	12	3	97	0.00	0.0	2.312	0.003	0	0	0	5
PL.10165	PD.1879	C	#4 ACSR	7.21Y	120.2	0.00	4.79	1.73	1	12	3	97	0.00	0.0	2.343	0.030	12	3	5	5
PL.10079	PL.8814	A	#2 ACSR	7.22Y	120.4	0.00	4.60	2.42	1	17	4	97	0.00	0.0	2.130	0.004	0	0	0	2
PD.1670	PL.10079	A	65T	7.22Y	120.4	0.00	4.60	2.42	0	17	4	97	0.00	0.0	2.130	0.004	0	0	0	2

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.10080	PD.1670	A	#2 ACSR	7.22Y	120.4	0.00	4.60	2.42	1	17	4	97	0.00	0.0	2.156	0.025	17	4	2	2
PL.9981	PL.9637	C	#4 ACSR	7.23Y	120.5	0.00	4.48	1.76	1	12	3	97	0.00	0.0	2.072	0.004	0	0	0	3
PD.1824	PL.9981	C	65T	7.23Y	120.5	0.00	4.48	1.76	0	12	3	97	0.00	0.0	2.072	0.004	0	0	0	3
PL.9982	PD.1824	C	#4 ACSR	7.23Y	120.5	0.00	4.48	1.76	1	12	3	97	0.00	0.0	2.097	0.025	0	0	0	3
PL.8783	PL.9982	C	#4 ACSR	7.23Y	120.5	0.00	4.48	1.76	1	12	3	97	0.00	0.0	2.119	0.021	5	1	2	3
PL.8784	PL.8783	C	#4 ACSR	7.23Y	120.5	0.00	4.48	1.04	1	7	2	96	0.00	0.0	2.152	0.034	7	2	1	1
PL.8250	PL.8810	A	#2 ACSR	7.28Y	121.3	0.00	3.72	0.74	0	5	1	98	0.00	0.0	1.696	0.004	0	0	0	2
PD.1795	PL.8250	A	65T	7.28Y	121.3	0.00	3.72	0.74	0	5	1	98	0.00	0.0	1.696	0.004	0	0	0	2
PL.8430	PD.1795	A	#2 ACSR	7.28Y	121.3	0.00	3.72	0.74	0	5	1	98	0.00	0.0	1.741	0.045	5	1	1	1
PL.9299	PD.1795	A	#4 ACSR	7.28Y	121.3	0.00	3.72	0.00	0	0	0	100	0.00	0.0	1.701	0.005	0	0	0	1
PL.8249	PL.9299	A	#4 ACSR	7.28Y	121.3	0.00	3.72	0.00	0	0	0	100	0.00	0.0	1.721	0.020	0	0	1	1
CP.15	PL.9887	ABC	Cap (450)	7.34Y	122.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	1.207	0.020	0	0	0	0
PL.10103	PL.9303	C	#4 ACSR	7.39Y	123.1	0.00	1.90	21.07	16	151	40	97	0.00	0.0	0.839	0.003	0	0	0	27
PD.1852	PL.10103	C	65T	7.39Y	123.1	0.00	1.90	21.07	0	151	40	97	0.00	0.0	0.839	0.003	0	0	0	27
PL.10104	PD.1852	C	#4 ACSR	7.38Y	123.1	0.04	1.94	21.07	16	151	40	97	0.05	0.0	0.887	0.048	11	3	1	27
PL.9807	PL.10104	C	#4 ACSR	7.38Y	123.0	0.03	1.97	19.55	15	140	37	97	0.04	0.0	0.927	0.040	4	1	1	26
PL.9648	PL.9807	C	6 A (CWC)	7.38Y	123.0	0.04	2.01	18.67	13	133	35	97	0.04	0.0	0.975	0.048	9	2	1	24
PL.9649	PL.9648	C	6 A (CWC)	7.38Y	122.9	0.04	2.05	17.43	12	124	33	97	0.03	0.0	1.023	0.048	3	1	1	23
PL.8231	PL.9649	C	#1/0 ACSR	7.38Y	122.9	0.00	2.05	0.77	0	5	1	98	0.00	0.0	1.053	0.030	5	1	1	1
PL.9301	PL.9649	C	6 A (CWC)	7.37Y	122.9	0.06	2.11	16.19	12	116	30	97	0.05	0.0	1.102	0.079	0	0	0	21
PL.9302	PL.9301	C	6 A (CWC)	7.37Y	122.8	0.05	2.16	14.92	11	106	28	97	0.03	0.0	1.186	0.084	32	8	4	20
PL.9683	PL.9302	C	6 A (CWC)	7.37Y	122.8	0.03	2.18	8.65	6	62	16	97	0.01	0.0	1.256	0.070	0	0	0	11
PL.9684	PL.9683	C	6 A (CWC)	7.37Y	122.8	0.03	2.21	8.65	6	62	16	97	0.01	0.0	1.331	0.075	2	1	1	11
PL.9597	PL.9684	C	#4 ACSR	7.36Y	122.7	0.04	2.25	8.37	6	60	16	97	0.02	0.0	1.437	0.106	11	3	2	10
PL.25734	PL.9597	C	#4 ACSR	7.36Y	122.7	0.01	2.26	6.89	5	49	13	97	0.01	0.0	1.487	0.050	7	2	1	8
PL.25735	PL.25734	C	6 A (CWC)	7.36Y	122.7	0.02	2.29	5.87	4	42	11	97	0.01	0.0	1.575	0.088	0	0	0	7
PL.8233	PL.25735	C	#2 ACSR	7.36Y	122.7	0.00	2.29	1.37	1	10	3	96	0.00	0.0	1.598	0.023	10	3	3	3
PL.8234	PL.25735	C	#4 ACSR	7.36Y	122.7	0.01	2.29	4.50	3	32	8	97	0.00	0.0	1.604	0.029	0	0	0	4
PL.8808	PL.8234	C	#4 ACSR	7.36Y	122.7	0.01	2.30	3.80	3	27	7	97	0.00	0.0	1.657	0.053	0	0	0	3
PL.8236	PL.8808	C	#4 ACSR	7.36Y	122.7	0.00	2.31	3.80	3	27	7	97	0.00	0.0	1.680	0.023	2	0	1	3
PL.8237	PL.8236	C	#4 ACSR	7.36Y	122.7	0.01	2.32	3.54	3	25	7	96	0.00	0.0	1.778	0.098	18	5	1	2

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8238	PL.8237	C	#1/0 ACSR	7.36Y	122.7	0.00	2.32	1.04	0	7	2	96	0.00	0.0	1.819	0.041	7	2	1	1
PL.8235	PL.8234	C	#4 ACSR	7.36Y	122.7	0.00	2.29	0.70	1	5	1	98	0.00	0.0	1.645	0.041	5	1	1	1
PL.9681	PL.9302	C	6 A (CWC)	7.37Y	122.8	0.00	2.16	1.82	1	13	3	97	0.00	0.0	1.237	0.051	3	1	2	5
PL.9682	PL.9681	C	6 A (CWC)	7.37Y	122.8	0.00	2.17	1.38	1	10	3	96	0.00	0.0	1.371	0.133	10	3	1	3
PL.8232	PL.9682	C	#1/0 ACSR	7.37Y	122.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	1.853	0.482	0	0	0	2
PL.9600	PL.8232	C	#1/0 ACSR	7.37Y	122.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	1.910	0.057	0	0	2	2
PL.8227	PL.9301	C	#2 ACSR	7.37Y	122.9	0.00	2.11	1.26	1	9	2	98	0.00	0.0	1.118	0.016	9	2	1	1
PL.8230	PL.9807	C	#4 ACSR	7.38Y	123.0	0.00	1.97	0.27	0	2	1	89	0.00	0.0	0.959	0.032	2	1	1	1
PL.10107	PL.9306	C	8 A (CWC)	7.42Y	123.7	0.00	1.31	18.08	18	130	34	97	0.00	0.0	0.580	0.003	0	0	0	24
PD.1853	PL.10107	C	65T	7.42Y	123.7	0.00	1.31	18.08	0	130	34	97	0.00	0.0	0.580	0.003	0	0	0	24
PL.10108	PD.1853	C	8 A (CWC)	7.42Y	123.7	0.02	1.33	18.08	18	130	34	97	0.02	0.0	0.597	0.017	5	1	5	24
PL.9652	PL.10108	C	8 A (CWC)	7.41Y	123.6	0.10	1.43	17.44	17	125	33	97	0.10	0.1	0.686	0.089	0	0	0	19
PL.9654	PL.9652	C	6 A (CWC)	7.41Y	123.5	0.05	1.49	17.44	12	125	33	97	0.05	0.0	0.756	0.070	8	2	1	19
PL.9655	PL.9654	C	6 A (CWC)	7.40Y	123.4	0.12	1.61	16.39	12	117	31	97	0.10	0.1	0.912	0.156	0	0	0	18
PL.8817	PL.9655	C	6 A (CWC)	7.38Y	123.0	0.37	1.97	15.60	11	112	29	97	0.31	0.3	1.428	0.516	0	0	0	16
PL.8818	PL.8817	C	6 A (CWC)	7.38Y	123.0	0.07	2.04	12.84	9	92	24	97	0.05	0.0	1.552	0.124	9	2	2	13
PL.9671	PL.8818	C	6 A (CWC)	7.38Y	122.9	0.03	2.08	11.53	8	82	22	97	0.02	0.0	1.619	0.067	3	1	1	11
PL.9672	PL.9671	C	6 A (CWC)	7.37Y	122.9	0.04	2.12	11.14	8	79	21	97	0.02	0.0	1.699	0.080	4	1	1	10
PL.9673	PL.9672	C	6 A (CWC)	7.37Y	122.8	0.07	2.19	10.52	8	75	20	97	0.04	0.1	1.849	0.150	6	2	1	9
PL.9674	PL.9673	C	6 A (CWC)	7.37Y	122.8	0.05	2.23	9.71	7	69	18	97	0.02	0.0	1.951	0.102	0	0	0	8
PL.9675	PL.9674	C	6 A (CWC)	7.36Y	122.7	0.04	2.27	9.71	7	69	18	97	0.02	0.0	2.051	0.100	11	3	1	8
PL.8819	PL.9675	C	6 A (CWC)	7.36Y	122.7	0.00	2.27	1.14	1	8	2	97	0.00	0.0	2.114	0.063	8	2	1	1
PL.9676	PL.9675	C	#1/0 ACSR	7.36Y	122.7	0.00	2.27	2.74	1	20	5	97	0.00	0.0	2.121	0.070	18	5	2	3
PL.9677	PL.9676	C	#1/0 ACSR	7.36Y	122.7	0.00	2.27	0.15	0	1	0	100	0.00	0.0	2.174	0.053	1	0	1	1
PL.9678	PL.9675	C	#1/0 ACSR	7.36Y	122.7	0.00	2.27	4.35	2	31	8	97	0.00	0.0	2.086	0.035	11	3	1	3
PL.9679	PL.9678	C	#1/0 ACSR	7.36Y	122.7	0.00	2.28	2.86	1	20	5	97	0.00	0.0	2.163	0.077	12	3	1	2
PL.9680	PL.9679	C	#1/0 ACSR	7.36Y	122.7	0.00	2.28	1.18	1	8	2	97	0.00	0.0	2.204	0.041	8	2	1	1
PL.8229	PL.9673	C	6 A (CWC)	7.37Y	122.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	1.899	0.051	0	0	0	0
PL.8228	PL.8817	C	#1/0 ACSR	7.38Y	123.0	0.00	1.97	2.75	1	20	5	97	0.00	0.0	1.456	0.029	20	5	3	3
PL.8222	PL.9655	C	6 A (CWC)	7.40Y	123.4	0.01	1.61	0.79	1	6	1	99	0.00	0.0	1.207	0.295	6	1	2	2
PL.9921	PL.9310	C	6 A (CWC)	7.42Y	123.7	0.00	1.28	4.37	3	31	8	97	0.00	0.0	0.568	0.004	0	0	0	2

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.1792	PL.9921	C	65T	7.42Y	123.7	0.00	1.28	4.37	0	31	8	97	0.00	0.0	0.568	0.004	0	0	0	2
PL.9922	PD.1792	C	6 A (CWC)	7.42Y	123.7	0.01	1.28	4.37	3	31	8	97	0.00	0.0	0.620	0.052	31	8	2	2
PL.9961	PL.8804	A	6 A (CWC)	7.45Y	124.1	0.00	0.86	2.13	2	15	4	97	0.00	0.0	0.393	0.005	0	0	0	2
PD.1813	PL.9961	A	65T	7.45Y	124.1	0.00	0.86	2.13	0	15	4	97	0.00	0.0	0.393	0.005	0	0	0	2
PL.9962	PD.1813	A	6 A (CWC)	7.45Y	124.1	0.00	0.86	2.13	2	15	4	97	0.00	0.0	0.448	0.055	15	4	2	2
PL.9653	PL.9962	A	6 A (CWC)	7.45Y	124.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	0.502	0.054	0	0	0	0
PL.8219	PL.9653	A	#1/0 ACSR	7.45Y	124.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	0.578	0.076	0	0	0	0
PL.8217	PL.9773	C	#4 ACSR	7.46Y	124.4	0.00	0.62	1.06	1	8	2	97	0.00	0.0	0.339	0.051	4	1	1	2
PL.8218	PL.8217	C	#1/0 ACSR	7.46Y	124.4	0.00	0.62	0.55	0	4	1	97	0.00	0.0	0.391	0.052	4	1	1	1
PL.7580	Fall Rock	ABC	#4/0 ACSR	7.50Y	125.0	0.01	0.01	74.27	22	1597	492	96	0.05	0.0	0.006	0.006	0	0	0	436
PL.27880	PL.7580	ABC	#4/0 ACSR	7.50Y	125.0	0.00	0.01	74.27	22	1597	492	96	0.03	0.0	0.010	0.004	0	0	0	436
---------- Feeder No. 1 (Oneida F1) Beginning with Device PD.3852 ----------																				
PD.3852	PL.27880	ABC	480VWE	7.50Y	125.0	0.00	0.01	74.27	0	1597	492	96	0.00	0.0	0.010	0.004	0	0	0	436
PL.7581	PD.3852	ABC	#4/0 ACSR	7.50Y	125.0	0.01	0.01	74.27	22	1597	492	96	0.06	0.0	0.018	0.008	0	0	0	436
PL.7260	PL.7581	ABC	#2/0 ACSR	7.50Y	125.0	0.00	0.01	0.00	0	0	0	100	0.00	0.0	0.023	0.006	0	0	0	0
PL.7454	PL.7581	ABC	#4/0 ACSR	7.50Y	125.0	0.01	0.02	74.27	22	1597	492	96	0.07	0.0	0.027	0.010	0	0	0	436
PL.7696	PL.7454	C	#1/0 ACSR	7.50Y	125.0	0.00	0.02	0.77	0	6	1	99	0.00	0.0	0.032	0.005	0	0	0	1
PD.1569	PL.7696	C	10T	7.50Y	125.0	0.00	0.02	0.77	0	6	1	99	0.00	0.0	0.032	0.005	0	0	0	1
PL.7697	PD.1569	C	#1/0 ACSR	7.50Y	125.0	0.00	0.02	0.77	0	6	1	99	0.00	0.0	0.119	0.087	6	1	1	1
PL.7453	PL.7454	ABC	#4/0 ACSR	7.50Y	124.9	0.04	0.06	74.02	22	1591	490	96	0.34	0.0	0.074	0.047	0	0	0	435
PL.7259	PL.7453	ABC	#1/0 ACSR	7.49Y	124.8	0.14	0.20	74.02	32	1591	489	96	1.56	0.1	0.181	0.107	3	1	1	435
PL.7261	PL.7259	ABC	#1/0 ACSR	7.48Y	124.7	0.08	0.29	73.89	32	1587	487	96	0.89	0.1	0.242	0.061	18	5	1	434
PL.7694	PL.7261	A	6 A (CWC)	7.48Y	124.7	0.00	0.29	0.42	0	3	1	95	0.00	0.0	0.247	0.004	0	0	0	1
PD.1568	PL.7694	A	65T	7.48Y	124.7	0.00	0.29	0.42	0	3	1	95	0.00	0.0	0.247	0.004	0	0	0	1
PL.10210	PD.1568	A	6 A (CWC)	7.48Y	124.7	0.00	0.29	0.42	0	3	1	95	0.00	0.0	0.324	0.077	3	1	1	1
PL.7346	PL.7261	ABC	#1/0 ACSR	7.48Y	124.6	0.10	0.39	72.95	32	1565	481	96	1.06	0.1	0.317	0.075	0	0	0	432
PL.7347	PL.7346	ABC	#1/0 ACSR	7.47Y	124.5	0.07	0.46	72.27	31	1550	476	96	0.77	0.0	0.373	0.056	2	1	1	428
PL.7611	PL.7347	ABC	#1/0 ACSR	7.47Y	124.5	0.06	0.52	72.16	31	1546	475	96	0.63	0.0	0.418	0.045	8	2	1	427
PL.7612	PL.7611	ABC	#1/0 ACSR	7.46Y	124.4	0.11	0.63	71.79	31	1538	472	96	1.15	0.1	0.503	0.084	12	3	2	426

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7752	PL.7612	C	6 A (CWC)	7.46Y	124.4	0.00	0.63	1.28	1	9	2	98	0.00	0.0	0.507	0.004	0	0	0	3
PD.1598	PL.7752	C	65T	7.46Y	124.4	0.00	0.63	1.28	0	9	2	98	0.00	0.0	0.507	0.004	0	0	0	3
PL.7753	PD.1598	C	6 A (CWC)	7.46Y	124.4	0.00	0.63	1.28	1	9	2	98	0.00	0.0	0.546	0.039	1	0	1	3
PL.7263	PL.7753	C	#1/0 ACSR	7.46Y	124.4	0.00	0.63	1.13	0	8	2	97	0.00	0.0	0.588	0.042	8	2	2	2
PL.7348	PL.7612	ABC	#1/0 ACSR	7.45Y	124.2	0.19	0.82	70.81	31	1515	465	96	1.94	0.1	0.648	0.145	0	0	0	421
PL.7754	PL.7348	C	#4 ACSR	7.45Y	124.2	0.00	0.82	9.15	7	66	17	97	0.00	0.0	0.651	0.003	0	0	0	19
PD.1599	PL.7754	C	65T	7.45Y	124.2	0.00	0.82	9.15	0	66	17	97	0.00	0.0	0.651	0.003	0	0	0	19
PL.7755	PD.1599	C	#4 ACSR	7.45Y	124.2	0.02	0.84	9.15	7	66	17	97	0.01	0.0	0.712	0.061	1	0	2	19
PL.7609	PL.7755	C	#4 ACSR	7.45Y	124.1	0.02	0.86	8.97	7	65	17	97	0.01	0.0	0.758	0.046	4	1	2	17
PL.7610	PL.7609	C	#4 ACSR	7.45Y	124.1	0.05	0.91	8.45	6	61	16	97	0.02	0.0	0.884	0.126	0	0	0	15
PL.7608	PL.7610	C	#4 ACSR	7.44Y	124.1	0.03	0.94	8.45	6	61	16	97	0.01	0.0	0.972	0.088	6	1	1	15
PL.7432	PL.7608	C	#4 ACSR	7.44Y	124.0	0.03	0.97	7.67	6	55	14	97	0.01	0.0	1.060	0.088	6	2	2	13
PL.7600	PL.7432	C	#4 ACSR	7.44Y	124.0	0.01	0.97	4.58	4	33	9	96	0.00	0.0	1.091	0.031	14	4	3	8
PL.7601	PL.7600	C	#4 ACSR	7.44Y	124.0	0.00	0.98	2.69	2	19	5	97	0.00	0.0	1.145	0.053	19	5	5	5
PL.7613	PL.7432	C	#4 ACSR	7.44Y	124.0	0.01	0.98	2.27	2	16	4	97	0.00	0.0	1.123	0.063	3	1	1	3
PL.7614	PL.7613	C	#4 ACSR	7.44Y	124.0	0.00	0.98	1.82	1	13	3	97	0.00	0.0	1.156	0.033	13	3	2	2
PL.7264	PL.7608	C	#2 ACSR	7.44Y	124.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.039	0.067	0	0	1	1
PL.7262	PL.7348	ABC	#1/0 ACSR	7.44Y	124.1	0.13	0.95	67.76	29	1447	446	96	1.26	0.1	0.751	0.103	0	0	1	402
PL.7349	PL.7262	ABC	#1/0 ACSR	7.44Y	124.0	0.10	1.04	67.65	29	1444	444	96	0.95	0.1	0.829	0.078	0	0	1	399
PL.7351	PL.7349	ABC	#1/0 ACSR	7.43Y	123.8	0.12	1.16	67.64	29	1443	443	96	1.16	0.1	0.925	0.095	0	0	0	398
PL.7750	PL.7351	A	#1/0 ACSR	7.43Y	123.8	0.00	1.16	0.37	0	3	1	95	0.00	0.0	0.929	0.005	0	0	0	1
PD.1597	PL.7750	A	65T	7.43Y	123.8	0.00	1.16	0.37	0	3	1	95	0.00	0.0	0.929	0.005	0	0	0	1
PL.7751	PD.1597	A	#1/0 ACSR	7.43Y	123.8	0.00	1.16	0.37	0	3	1	95	0.00	0.0	1.002	0.072	3	1	1	1
PL.7352	PL.7351	ABC	#1/0 ACSR	7.41Y	123.5	0.30	1.46	67.51	29	1439	442	96	2.95	0.2	1.167	0.243	0	0	0	397
PL.7748	PL.7352	A	#4 ACSR	7.41Y	123.5	0.00	1.46	6.32	5	45	12	97	0.00	0.0	1.172	0.004	0	0	0	8
PD.1596	PL.7748	A	65T	7.41Y	123.5	0.00	1.46	6.32	0	45	12	97	0.00	0.0	1.172	0.004	0	0	0	8
PL.7749	PD.1596	A	#4 ACSR	7.41Y	123.5	0.02	1.48	6.32	5	45	12	97	0.01	0.0	1.225	0.054	0	0	0	8
PL.7267	PL.7749	A	#2 ACSR	7.41Y	123.5	0.00	1.48	5.29	3	38	10	97	0.00	0.0	1.239	0.014	1	0	1	7
PL.7448	PL.7267	A	#1/0 ACSR	7.41Y	123.5	0.00	1.48	5.16	2	37	10	97	0.00	0.0	1.262	0.023	7	2	2	6
PL.7604	PL.7448	A	#1/0 ACSR	7.41Y	123.5	0.00	1.48	2.77	1	20	5	97	0.00	0.0	1.311	0.049	12	3	1	2
PL.7605	PL.7604	A	#1/0 ACSR	7.41Y	123.5	0.00	1.49	1.15	1	8	2	97	0.00	0.0	1.357	0.046	8	2	1	1

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7449	PL.7448	A	#1/0 ACSR	7.41Y	123.5	0.00	1.48	1.37	1	10	3	96	0.00	0.0	1.305	0.044	10	3	2	2
PL.7447	PL.7749	A	#4 ACSR	7.41Y	123.5	0.00	1.48	1.03	1	7	2	96	0.00	0.0	1.287	0.062	7	2	1	1
PL.7353	PL.7352	ABC	#1/0 ACSR	7.41Y	123.5	0.05	1.51	65.41	28	1390	427	96	0.45	0.0	1.207	0.039	0	0	0	389
PL.7602	PL.7353	ABC	#1/0 ACSR	7.41Y	123.5	0.03	1.54	60.29	26	1286	376	96	0.26	0.0	1.234	0.027	14	4	3	388
PL.7603	PL.7602	ABC	#1/0 ACSR	7.41Y	123.4	0.04	1.58	59.65	26	1272	372	96	0.35	0.0	1.271	0.037	0	0	0	385
PL.7806	PL.7603	ABC	1/0 AL URD	7.41Y	123.4	0.00	1.58	3.12	2	63	30	90	0.00	0.0	1.275	0.005	0	0	0	1
PD.1626	PL.7806	ABC	65T	7.41Y	123.4	0.00	1.58	3.12	0	63	30	90	0.00	0.0	1.275	0.005	0	0	0	1
PL.7807	PD.1626	ABC	1/0 AL URD	7.41Y	123.4	0.00	1.58	3.12	2	63	30	90	0.00	0.0	1.284	0.009	63	30	1	1
PL.7445	PL.7603	ABC	#1/0 ACSR	7.40Y	123.4	0.04	1.62	56.57	25	1209	342	96	0.37	0.0	1.314	0.043	0	0	0	384
PL.7587	PL.7445	B	6 A (CWC)	7.40Y	123.4	0.00	1.63	3.17	2	23	6	97	0.00	0.0	1.347	0.033	4	1	2	10
PL.7744	PL.7587	B	6 A (CWC)	7.40Y	123.4	0.00	1.63	2.59	2	19	5	97	0.00	0.0	1.352	0.005	0	0	0	8
PD.1594	PL.7744	B	65T	7.40Y	123.4	0.00	1.63	2.59	0	19	5	97	0.00	0.0	1.352	0.005	0	0	0	8
PL.7745	PD.1594	B	6 A (CWC)	7.40Y	123.4	0.01	1.64	2.59	2	19	5	97	0.00	0.0	1.485	0.133	6	2	2	8
PL.7589	PL.7745	B	6 A (CWC)	7.40Y	123.4	0.00	1.65	1.77	1	13	3	97	0.00	0.0	1.543	0.059	0	0	0	6
PL.7590	PL.7589	B	6 A (CWC)	7.40Y	123.4	0.00	1.65	1.77	1	13	3	97	0.00	0.0	1.597	0.053	5	1	2	6
PL.7592	PL.7590	B	6 A (CWC)	7.40Y	123.3	0.00	1.65	0.77	1	6	1	99	0.00	0.0	1.654	0.057	3	1	1	3
PL.7593	PL.7592	B	6 A (CWC)	7.40Y	123.3	0.00	1.65	0.34	0	2	1	89	0.00	0.0	1.677	0.023	1	0	1	2
PL.7591	PL.7593	B	6 A (CWC)	7.40Y	123.3	0.00	1.65	0.17	0	1	0	100	0.00	0.0	1.727	0.050	1	0	1	1
PL.7269	PL.7590	B	#4 ACSR	7.40Y	123.4	0.00	1.65	0.37	0	3	1	95	0.00	0.0	1.657	0.060	3	1	1	1
PL.7446	PL.7445	ABC	#1/0 ACSR	7.40Y	123.3	0.09	1.72	55.51	24	1186	336	96	0.77	0.1	1.408	0.094	0	0	0	374
PL.7808	PL.7446	ABC	1/0 AL URD	7.40Y	123.3	0.00	1.72	3.83	2	77	37	90	0.00	0.0	1.412	0.005	0	0	0	1
PD.1627	PL.7808	ABC	65T	7.40Y	123.3	0.00	1.72	3.83	0	77	37	90	0.00	0.0	1.412	0.005	0	0	0	1
PL.7809	PD.1627	ABC	1/0 AL URD	7.40Y	123.3	0.00	1.72	3.83	2	77	37	90	0.00	0.0	1.459	0.046	77	37	1	1
PL.7354	PL.7446	ABC	#1/0 ACSR	7.39Y	123.2	0.10	1.82	51.74	22	1109	298	97	0.79	0.1	1.518	0.110	0	0	0	373
PL.7812	PL.7354	ABC	#1/0 ACSR	7.38Y	123.1	0.11	1.93	51.74	22	1108	298	97	0.87	0.1	1.639	0.121	0	0	0	373
PD.1630-A	PL.7812	ABC	Closed	7.38Y	123.1	0.00	1.93	51.74	0	1107	297	97	0.00	0.0	1.639	0.121	0	0	0	373
PD.1630-B	PD.1630-A	ABC	Closed	7.38Y	123.1	0.00	1.93	51.74	0	1107	297	97	0.00	0.0	1.639	0.121	0	0	0	373
PL.7565	PD.1630-B	ABC	#1/0 ACSR	7.38Y	123.0	0.04	1.97	51.74	22	1107	297	97	0.28	0.0	1.679	0.039	1	0	1	373
PL.7438	PL.7565	ABC	6 A (CWC)	7.38Y	123.0	0.01	1.98	4.71	3	101	27	97	0.01	0.0	1.754	0.075	0	0	0	36
PL.7792	PL.7438	A	#4 ACSR	7.38Y	123.0	0.00	1.98	0.25	0	2	0	100	0.00	0.0	1.759	0.005	0	0	0	1
PD.1619	PL.7792	A	65T	7.38Y	123.0	0.00	1.98	0.25	0	2	0	100	0.00	0.0	1.759	0.005	0	0	0	1

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7793	PD.1619	A	#4 ACSR	7.38Y	123.0	0.00	1.98	0.25	0	2	0	100	0.00	0.0	1.823	0.064	2	0	1	1
PL.7586	PL.7793	A	#4 ACSR	7.38Y	123.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	1.891	0.068	0	0	0	0
PL.7742	PL.7438	C	#4 ACSR	7.38Y	123.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	1.759	0.005	0	0	0	0
PD.1593	PL.7742	C	65T	7.38Y	123.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	1.759	0.005	0	0	0	0
PL.7743	PD.1593	C	#4 ACSR	7.38Y	123.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	1.801	0.042	0	0	0	0
PL.7439	PL.7438	ABC	6 A (CWC)	7.38Y	123.0	0.04	2.02	4.63	3	99	26	97	0.03	0.0	1.953	0.199	0	0	0	35
PL.7566	PL.7439	C	6 A (CWC)	7.38Y	123.0	0.00	2.02	13.40	10	96	25	97	0.00	0.0	1.956	0.003	0	0	0	33
PD.1631	PL.7566	C	35L	7.38Y	123.0	0.00	2.02	13.40	38	96	25	97	0.00	0.0	1.956	0.003	0	0	0	33
PL.7567	PD.1631	C	6 A (CWC)	7.37Y	122.9	0.09	2.11	13.40	10	96	25	97	0.06	0.1	2.107	0.151	8	2	1	33
PL.7356	PL.7567	C	6 A (CWC)	7.37Y	122.8	0.06	2.17	12.01	9	86	23	97	0.04	0.0	2.216	0.109	0	0	0	31
PL.7598	PL.7356	C	6 A (CWC)	7.37Y	122.8	0.08	2.25	11.08	8	79	21	97	0.04	0.1	2.369	0.153	2	0	1	30
PL.7599	PL.7598	C	6 A (CWC)	7.36Y	122.7	0.10	2.35	10.84	8	77	20	97	0.06	0.1	2.581	0.212	0	0	0	29
PL.7596	PL.7599	C	6 A (CWC)	7.36Y	122.6	0.04	2.39	10.84	8	77	20	97	0.02	0.0	2.669	0.088	1	0	1	29
PL.7597	PL.7596	C	6 A (CWC)	7.35Y	122.6	0.03	2.43	10.67	8	76	20	97	0.02	0.0	2.743	0.073	4	1	2	28
PL.7595	PL.7597	C	6 A (CWC)	7.34Y	122.4	0.18	2.61	10.09	7	72	19	97	0.10	0.1	3.142	0.399	1	0	1	26
PL.7278	PL.7595	C	6 A (CWC)	7.34Y	122.4	0.01	2.62	9.99	7	71	19	97	0.01	0.0	3.169	0.027	0	0	0	25
PL.7279	PL.7278	C	#2 ACSR	7.34Y	122.4	0.00	2.62	0.38	0	3	1	95	0.00	0.0	3.208	0.039	0	0	0	1
PL.7280	PL.7279	C	#1/0 ACSR	7.34Y	122.4	0.00	2.62	0.38	0	3	1	95	0.00	0.0	3.352	0.144	3	1	1	1
PL.7554	PL.7278	C	6 A (CWC)	7.34Y	122.3	0.04	2.66	9.61	7	68	18	97	0.02	0.0	3.256	0.087	2	1	1	24
PL.7555	PL.7554	C	6 A (CWC)	7.34Y	122.3	0.04	2.70	9.30	7	66	17	97	0.02	0.0	3.341	0.085	0	0	1	23
PL.7553	PL.7555	C	6 A (CWC)	7.34Y	122.3	0.03	2.73	9.27	7	66	17	97	0.02	0.0	3.425	0.084	2	1	2	22
PL.7734	PL.7553	C	8 A (CWC)	7.34Y	122.3	0.00	2.73	8.31	8	59	15	97	0.00	0.0	3.429	0.005	0	0	0	18
PD.1588	PL.7734	C	15T	7.34Y	122.3	0.00	2.73	8.31	0	59	15	97	0.00	0.0	3.429	0.005	0	0	0	18
PL.7735	PD.1588	C	8 A (CWC)	7.33Y	122.2	0.08	2.81	8.31	8	59	15	97	0.04	0.1	3.568	0.139	0	0	0	18
PL.7283	PL.7735	C	#4 ACSR	7.33Y	122.2	0.00	2.81	0.29	0	2	1	89	0.00	0.0	3.640	0.072	2	1	1	1
PL.7358	PL.7735	C	8 A (CWC)	7.33Y	122.1	0.04	2.85	8.02	8	57	15	97	0.02	0.0	3.646	0.079	2	1	3	17
PL.7284	PL.7358	C	#4 ACSR	7.33Y	122.1	0.01	2.86	2.02	2	14	4	96	0.00	0.0	3.720	0.074	0	0	0	3
PL.7472	PL.7284	C	#4 ACSR	7.33Y	122.1	0.01	2.87	1.23	1	9	2	98	0.00	0.0	3.873	0.153	0	0	1	2
PL.7473	PL.7472	C	#4 ACSR	7.33Y	122.1	0.00	2.87	1.19	1	8	2	97	0.00	0.0	3.901	0.027	0	0	0	1
PL.7471	PL.7473	C	#4 ACSR	7.33Y	122.1	0.00	2.87	1.19	1	8	2	97	0.00	0.0	3.947	0.046	8	2	1	1
PL.7285	PL.7284	C	#4 ACSR	7.33Y	122.1	0.00	2.86	0.79	1	6	1	99	0.00	0.0	3.819	0.099	6	1	1	1

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.10151	PL.7358	C	8 A (CWC)	7.33Y	122.1	0.02	2.87	5.69	6	40	11	96	0.01	0.0	3.701	0.054	0	0	0	11
PL.10152	PL.10151	C	8 A (CWC)	7.32Y	122.1	0.07	2.94	5.69	6	40	11	96	0.02	0.1	3.890	0.189	0	0	0	11
PL.7286	PL.10152	C	6 A (CWC)	7.32Y	122.1	0.00	2.94	0.23	0	2	0	100	0.00	0.0	3.955	0.065	2	0	1	1
PL.7360	PL.10152	C	8 A (CWC)	7.32Y	122.0	0.08	3.02	5.46	5	39	10	97	0.02	0.1	4.130	0.240	7	2	1	10
PL.7475	PL.7360	C	8 A (CWC)	7.32Y	121.9	0.05	3.07	4.45	4	32	8	97	0.01	0.0	4.287	0.157	0	0	1	9
PL.7287	PL.7475	C	#4 ACSR	7.32Y	121.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	4.335	0.048	0	0	0	0
PL.7361	PL.7475	C	8 A (CWC)	7.31Y	121.9	0.05	3.12	4.45	4	31	8	97	0.01	0.0	4.444	0.157	0	0	0	8
PL.7362	PL.7361	C	8 A (CWC)	7.31Y	121.9	0.01	3.13	3.32	3	24	6	97	0.00	0.0	4.497	0.053	6	2	1	6
PL.7476	PL.7362	C	#1/0 ACSR	7.31Y	121.9	0.00	3.13	1.25	1	9	2	98	0.00	0.0	4.554	0.057	6	1	1	2
PL.7477	PL.7476	C	#1/0 ACSR	7.31Y	121.9	0.00	3.13	0.45	0	3	1	95	0.00	0.0	4.614	0.060	3	1	1	1
PL.7289	PL.7362	C	#1/0 ACSR	7.31Y	121.9	0.00	3.13	1.18	1	8	2	97	0.00	0.0	4.530	0.033	3	1	1	3
PL.7290	PL.7289	C	#1/0 ACSR	7.31Y	121.9	0.00	3.13	0.75	0	5	1	98	0.00	0.0	4.560	0.030	5	1	2	2
PL.7288	PL.7361	C	#4 ACSR	7.31Y	121.9	0.00	3.12	1.13	1	8	2	97	0.00	0.0	4.496	0.052	8	2	2	2
PL.7281	PL.7553	C	6 A (CWC)	7.34Y	122.3	0.00	2.73	0.64	0	5	1	98	0.00	0.0	3.486	0.061	0	0	0	2
PL.10166	PL.7281	C	6 A (CWC)	7.34Y	122.3	0.00	2.74	0.37	0	3	1	95	0.00	0.0	3.759	0.273	3	1	1	1
PL.7421	PL.10166	C	#1/0 ACSR	7.34Y	122.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	3.763	0.005	0	0	0	0
PD.1629-A	PL.7421	C	Open	7.34Y	122.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	3.763	0.005	0	0	0	0
PL.7282	PL.7281	C	#2 ACSR	7.34Y	122.3	0.00	2.73	0.26	0	2	0	100	0.00	0.0	3.552	0.066	2	0	1	1
PL.7276	PL.7356	C	6 A (CWC)	7.37Y	122.8	0.00	2.17	0.94	1	7	2	96	0.00	0.0	2.338	0.122	7	2	1	1
PL.7275	PL.7567	C	#4 ACSR	7.37Y	122.9	0.00	2.11	0.28	0	2	1	89	0.00	0.0	2.146	0.039	2	1	1	1
PL.7431	PL.7439	ABC	6 A (CWC)	7.38Y	123.0	0.00	2.02	0.16	0	3	1	95	0.00	0.0	1.986	0.033	0	0	0	2
PL.7274	PL.7431	ABC	6 A (CWC)	7.38Y	123.0	0.00	2.02	0.16	0	3	1	95	0.00	0.0	2.018	0.032	3	1	2	2
PL.7355	PL.7565	ABC	#1/0 ACSR	7.37Y	122.9	0.13	2.09	46.97	20	1005	270	97	0.88	0.1	1.828	0.149	0	0	0	336
PL.7746	PL.7355	C	#4 ACSR	7.37Y	122.9	0.00	2.10	1.62	1	12	3	97	0.00	0.0	1.833	0.005	0	0	0	7
PD.1595	PL.7746	C	65T	7.37Y	122.9	0.00	2.10	1.62	0	12	3	97	0.00	0.0	1.833	0.005	0	0	0	7
PL.7747	PD.1595	C	#4 ACSR	7.37Y	122.9	0.00	2.10	1.62	1	12	3	97	0.00	0.0	1.890	0.057	9	2	5	7
PL.7270	PL.7747	C	#4 ACSR	7.37Y	122.9	0.00	2.10	0.31	0	2	1	89	0.00	0.0	1.913	0.023	2	1	2	2
PL.7584	PL.7355	ABC	#1/0 ACSR	7.37Y	122.9	0.03	2.12	46.43	20	992	266	97	0.18	0.0	1.860	0.032	3	1	1	329
PL.7585	PL.7584	ABC	#1/0 ACSR	7.37Y	122.8	0.03	2.15	46.27	20	989	265	97	0.21	0.0	1.898	0.038	10	3	2	328
PL.7583	PL.7585	ABC	#1/0 ACSR	7.37Y	122.8	0.02	2.17	45.79	20	978	262	97	0.14	0.0	1.923	0.025	11	3	3	326
PL.7578	PL.7583	ABC	#1/0 ACSR	7.37Y	122.8	0.05	2.22	45.30	20	968	259	97	0.33	0.0	1.984	0.061	0	0	0	323

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7579	PL.7578	ABC	#1/0 ACSR	7.36Y	122.7	0.03	2.25	45.30	20	967	259	97	0.21	0.0	2.023	0.039	7	2	2	323
PL.7559	PL.7579	ABC	#1/0 ACSR	7.36Y	122.7	0.07	2.33	42.42	18	905	242	97	0.46	0.1	2.118	0.095	1	0	1	308
PL.7560	PL.7559	ABC	#1/0 ACSR	7.36Y	122.6	0.07	2.39	42.37	18	904	242	97	0.42	0.0	2.206	0.088	0	0	0	307
PL.7568	PL.7560	B	#1/0 ACSR	7.36Y	122.6	0.02	2.41	29.87	13	212	56	97	0.03	0.0	2.237	0.031	0	0	0	82
PD.1632	PL.7568	B	70L	7.36Y	122.6	0.00	2.41	29.87	43	212	56	97	0.00	0.0	2.237	0.031	0	0	0	82
PL.7569	PD.1632	B	#1/0 ACSR	7.35Y	122.6	0.03	2.44	29.87	13	212	56	97	0.04	0.0	2.277	0.040	3	1	1	82
PL.7561	PL.7569	B	#1/0 ACSR	7.35Y	122.5	0.04	2.48	29.42	13	209	56	97	0.05	0.0	2.333	0.056	5	1	2	81
PL.7558	PL.7561	B	#1/0 ACSR	7.35Y	122.5	0.02	2.50	28.72	12	204	54	97	0.03	0.0	2.372	0.038	12	3	1	79
PL.7556	PL.7558	B	#1/0 ACSR	7.33Y	122.1	0.38	2.88	27.08	12	192	51	97	0.47	0.2	2.989	0.617	7	2	1	78
PL.7364	PL.7556	B	#1/0 ACSR	7.33Y	122.1	0.03	2.92	24.53	11	174	46	97	0.04	0.0	3.048	0.059	0	0	0	76
PL.7615	PL.7364	B	#1/0 ACSR	7.32Y	122.1	0.02	2.94	23.22	10	164	43	97	0.03	0.0	3.091	0.043	0	0	0	73
PL.7616	PL.7615	B	#1/0 ACSR	7.32Y	122.0	0.02	2.96	23.22	10	164	43	97	0.02	0.0	3.132	0.041	15	4	2	73
PL.7544	PL.7616	B	#1/0 ACSR	7.32Y	122.0	0.03	2.99	21.13	9	150	39	97	0.03	0.0	3.195	0.063	2	1	2	71
PL.10202	PL.7544	B	#1/0 ACSR	7.32Y	122.0	0.02	3.01	20.80	9	147	39	97	0.02	0.0	3.236	0.040	10	3	2	69
PL.10203	PL.10202	B	#1/0 ACSR	7.32Y	122.0	0.02	3.02	19.39	8	137	36	97	0.02	0.0	3.274	0.038	0	0	1	67
PL.7732	PL.10203	B	#4 ACSR	7.32Y	122.0	0.00	3.03	3.89	3	28	7	97	0.00	0.0	3.279	0.005	0	0	0	3
PD.1587	PL.7732	B	30T	7.32Y	122.0	0.00	3.03	3.89	0	28	7	97	0.00	0.0	3.279	0.005	0	0	0	3
PL.7733	PD.1587	B	#4 ACSR	7.32Y	122.0	0.01	3.04	3.89	3	28	7	97	0.00	0.0	3.340	0.062	4	1	1	3
PL.7539	PL.7733	B	#4 ACSR	7.32Y	122.0	0.01	3.04	3.32	3	24	6	97	0.00	0.0	3.459	0.119	23	6	2	2
PL.7538	PL.7539	B	#4 ACSR	7.32Y	122.0	0.00	3.04	0.00	0	0	0	100	0.00	0.0	3.486	0.027	0	0	0	0
PL.7540	PL.10203	B	#1/0 ACSR	7.32Y	122.0	0.01	3.04	15.49	7	110	29	97	0.01	0.0	3.304	0.030	6	2	1	63
PL.7541	PL.7540	B	#1/0 ACSR	7.32Y	122.0	0.01	3.05	14.66	6	104	27	97	0.01	0.0	3.347	0.043	12	3	2	62
PL.7542	PL.7541	B	#1/0 ACSR	7.31Y	121.9	0.06	3.11	12.99	6	92	24	97	0.04	0.0	3.551	0.204	3	1	1	60
PL.7536	PL.7542	B	#1/0 ACSR	7.31Y	121.9	0.03	3.14	12.61	5	89	23	97	0.02	0.0	3.669	0.118	18	5	8	59
PL.7365	PL.7536	B	#1/0 ACSR	7.31Y	121.8	0.01	3.15	6.41	3	45	12	97	0.00	0.0	3.761	0.093	0	0	0	26
PL.7534	PL.7365	B	#1/0 ACSR	7.31Y	121.8	0.01	3.16	5.94	3	42	11	97	0.00	0.0	3.839	0.078	0	0	1	24
PL.7548	PL.7534	B	#1/0 ACSR	7.31Y	121.8	0.01	3.18	5.94	3	42	11	97	0.00	0.0	3.946	0.108	0	0	0	23
PL.7549	PL.7548	B	#1/0 ACSR	7.31Y	121.8	0.01	3.18	5.94	3	42	11	97	0.00	0.0	3.985	0.039	2	1	1	23
PL.7551	PL.7549	B	#1/0 ACSR	7.31Y	121.8	0.00	3.19	5.59	2	40	10	97	0.00	0.0	4.007	0.022	8	2	1	22
PL.7552	PL.7551	B	#1/0 ACSR	7.31Y	121.8	0.01	3.19	4.47	2	32	8	97	0.00	0.0	4.081	0.074	0	0	1	21
PL.7533	PL.7552	B	#1/0 ACSR	7.31Y	121.8	0.01	3.20	4.47	2	32	8	97	0.00	0.0	4.137	0.056	1	0	1	20

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7720	PL.7533	B	#4 ACSR	7.31Y	121.8	0.00	3.20	0.55	0	4	1	97	0.00	0.0	4.141	0.005	0	0	0	2
PD.1581	PL.7720	B	30T	7.31Y	121.8	0.00	3.20	0.55	0	4	1	97	0.00	0.0	4.141	0.005	0	0	0	2
PL.7721	PD.1581	B	#4 ACSR	7.31Y	121.8	0.00	3.20	0.55	0	4	1	97	0.00	0.0	4.155	0.014	4	1	2	2
PL.7425	PL.7533	B	#1/0 ACSR	7.31Y	121.8	0.00	3.20	3.80	2	27	7	97	0.00	0.0	4.176	0.039	1	0	1	17
PL.7718	PL.7425	B	#4 ACSR	7.31Y	121.8	0.00	3.20	0.22	0	2	0	100	0.00	0.0	4.181	0.005	0	0	0	1
PD.1580	PL.7718	B	25T	7.31Y	121.8	0.00	3.20	0.22	0	2	0	100	0.00	0.0	4.181	0.005	0	0	0	1
PL.7719	PD.1580	B	#4 ACSR	7.31Y	121.8	0.00	3.20	0.22	0	2	0	100	0.00	0.0	4.247	0.067	2	0	1	1
PL.7424	PL.7425	B	#1/0 ACSR	7.31Y	121.8	0.01	3.22	3.41	1	24	6	97	0.00	0.0	4.358	0.182	0	0	0	15
PL.7724	PL.7424	B	#4 ACSR	7.31Y	121.8	0.00	3.22	0.08	0	1	0	100	0.00	0.0	4.363	0.005	0	0	0	2
PD.1583	PL.7724	B	30T	7.31Y	121.8	0.00	3.22	0.08	0	1	0	100	0.00	0.0	4.363	0.005	0	0	0	2
PL.7725	PD.1583	B	#4 ACSR	7.31Y	121.8	0.00	3.22	0.08	0	1	0	100	0.00	0.0	4.418	0.055	1	0	2	2
PL.7423	PL.7424	B	#1/0 ACSR	7.31Y	121.8	0.00	3.22	3.33	1	24	6	97	0.00	0.0	4.390	0.032	0	0	0	13
PL.7523	PL.7423	B	#1/0 ACSR	7.31Y	121.8	0.01	3.23	2.86	1	20	5	97	0.00	0.0	4.555	0.165	1	0	1	12
PL.7532	PL.7523	B	#1/0 ACSR	7.31Y	121.8	0.01	3.24	2.77	1	20	5	97	0.00	0.0	4.708	0.153	0	0	0	11
PL.7422	PL.7532	B	#1/0 ACSR	7.30Y	121.7	0.02	3.26	2.27	1	16	4	97	0.00	0.0	5.058	0.350	2	0	3	10
PL.7512	PL.7422	B	#1/0 ACSR	7.30Y	121.7	0.01	3.27	2.04	1	14	4	96	0.00	0.0	5.285	0.227	0	0	0	7
PL.7712	PL.7512	B	#2 ACSR	7.30Y	121.7	0.00	3.27	2.04	1	14	4	96	0.00	0.0	5.289	0.005	0	0	0	7
PD.1577	PL.7712	B	30T	7.30Y	121.7	0.00	3.27	2.04	0	14	4	96	0.00	0.0	5.289	0.005	0	0	0	7
PL.7713	PD.1577	B	#2 ACSR	7.30Y	121.7	0.02	3.29	2.04	1	14	4	96	0.00	0.0	5.638	0.349	0	0	0	7
PL.7710	PL.7713	B	#2 ACSR	7.30Y	121.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	5.642	0.005	0	0	0	2
PD.1576	PL.7710	B	20T	7.30Y	121.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	5.642	0.005	0	0	0	2
PL.7711	PD.1576	B	#2 ACSR	7.30Y	121.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	5.800	0.158	0	0	1	2
PL.7296	PL.7711	B	#2 ACSR	7.30Y	121.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	5.857	0.057	0	0	0	1
PL.7509	PL.7296	B	#2 ACSR	7.30Y	121.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	5.912	0.055	0	0	1	1
PL.7510	PL.7509	B	#2 ACSR	7.30Y	121.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	5.944	0.033	0	0	0	0
PL.7292	PL.7296	B	#1/0 ACSR	7.30Y	121.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	5.962	0.105	0	0	0	0
PL.7366	PL.7713	B	#2 ACSR	7.30Y	121.7	0.01	3.30	2.04	1	14	4	96	0.00	0.0	5.728	0.090	1	0	1	5
PL.7708	PL.7366	B	#4 ACSR	7.30Y	121.7	0.00	3.30	0.51	0	4	1	97	0.00	0.0	5.733	0.005	0	0	0	1
PD.1575	PL.7708	B	30T	7.30Y	121.7	0.00	3.30	0.51	0	4	1	97	0.00	0.0	5.733	0.005	0	0	0	1
PL.7709	PD.1575	B	#4 ACSR	7.30Y	121.7	0.00	3.30	0.51	0	4	1	97	0.00	0.0	5.871	0.138	4	1	1	1
PL.7507	PL.7366	B	#2 ACSR	7.30Y	121.7	0.00	3.30	1.37	1	10	3	96	0.00	0.0	5.802	0.074	6	2	1	3

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7508	PL.7507	B	#2 ACSR	7.30Y	121.7	0.00	3.30	0.45	0	3	1	95	0.00	0.0	5.880	0.078	1	0	1	2
PL.7506	PL.7508	B	#2 ACSR	7.30Y	121.7	0.00	3.30	0.27	0	2	0	100	0.00	0.0	5.931	0.051	2	0	1	1
PL.7716	PL.7532	B	#4 ACSR	7.31Y	121.8	0.00	3.24	0.50	0	4	1	97	0.00	0.0	4.712	0.005	0	0	0	1
PD.1579	PL.7716	B	15T	7.31Y	121.8	0.00	3.24	0.50	0	4	1	97	0.00	0.0	4.712	0.005	0	0	0	1
PL.7717	PD.1579	B	#4 ACSR	7.31Y	121.8	0.00	3.24	0.50	0	4	1	97	0.00	0.0	4.771	0.059	4	1	1	1
PL.7722	PL.7423	B	#4 ACSR	7.31Y	121.8	0.00	3.22	0.47	0	3	1	95	0.00	0.0	4.395	0.005	0	0	0	1
PD.1582	PL.7722	B	30T	7.31Y	121.8	0.00	3.22	0.47	0	3	1	95	0.00	0.0	4.395	0.005	0	0	0	1
PL.7723	PD.1582	B	#4 ACSR	7.31Y	121.8	0.00	3.22	0.47	0	3	1	95	0.00	0.0	4.459	0.064	3	1	1	1
PL.7730	PL.7365	B	#1/0 ACSR	7.31Y	121.8	0.00	3.15	0.47	0	3	1	95	0.00	0.0	3.766	0.005	0	0	0	2
PD.1586	PL.7730	B	15T	7.31Y	121.8	0.00	3.15	0.47	0	3	1	95	0.00	0.0	3.766	0.005	0	0	0	2
PL.7731	PD.1586	B	#1/0 ACSR	7.31Y	121.8	0.00	3.15	0.47	0	3	1	95	0.00	0.0	3.883	0.117	1	0	1	2
PL.7550	PL.7731	B	#1/0 ACSR	7.31Y	121.8	0.00	3.15	0.35	0	3	1	95	0.00	0.0	3.926	0.042	3	1	1	1
PL.7728	PL.7536	B	6 A (CWC)	7.31Y	121.9	0.00	3.14	3.71	3	26	7	97	0.00	0.0	3.673	0.005	0	0	0	25
PD.1585	PL.7728	B	30T	7.31Y	121.9	0.00	3.14	3.71	0	26	7	97	0.00	0.0	3.673	0.005	0	0	0	25
PL.7729	PD.1585	B	6 A (CWC)	7.31Y	121.8	0.02	3.16	3.71	3	26	7	97	0.00	0.0	3.796	0.123	0	0	1	25
PL.7537	PL.7729	B	6 A (CWC)	7.31Y	121.8	0.01	3.18	3.68	3	26	7	97	0.00	0.0	3.884	0.088	0	0	1	24
PL.7521	PL.7537	B	6 A (CWC)	7.31Y	121.8	0.02	3.19	3.52	3	25	7	96	0.00	0.0	3.992	0.108	4	1	2	22
PL.7522	PL.7521	B	6 A (CWC)	7.31Y	121.8	0.01	3.21	2.96	2	21	5	97	0.00	0.0	4.104	0.112	2	0	3	20
PL.7520	PL.7522	B	6 A (CWC)	7.31Y	121.8	0.01	3.22	2.73	2	19	5	97	0.00	0.0	4.204	0.101	0	0	0	17
PL.7519	PL.7520	B	6 A (CWC)	7.30Y	121.7	0.03	3.25	2.73	2	19	5	97	0.00	0.0	4.460	0.256	0	0	0	17
PL.7518	PL.7519	B	6 A (CWC)	7.30Y	121.7	0.02	3.27	2.73	2	19	5	97	0.00	0.0	4.602	0.142	1	0	1	17
PL.7515	PL.7518	B	6 A (CWC)	7.30Y	121.7	0.00	3.27	2.60	2	18	5	96	0.00	0.0	4.633	0.031	0	0	2	16
PL.7516	PL.7515	B	6 A (CWC)	7.30Y	121.7	0.01	3.28	2.54	2	18	5	96	0.00	0.0	4.681	0.049	2	0	1	14
PL.7514	PL.7516	B	6 A (CWC)	7.30Y	121.7	0.01	3.28	2.32	2	16	4	97	0.00	0.0	4.752	0.071	0	0	0	13
PL.7298	PL.7514	B	8 A (CWC)	7.30Y	121.7	0.03	3.32	2.24	2	16	4	97	0.00	0.0	5.011	0.259	5	1	2	12
PL.7637	PL.7298	B	8 A (CWC)	7.30Y	121.7	0.01	3.32	1.60	2	11	3	96	0.00	0.0	5.060	0.049	0	0	0	10
PL.7635	PL.7637	B	8 A (CWC)	7.30Y	121.7	0.01	3.33	1.60	2	11	3	96	0.00	0.0	5.141	0.081	1	0	1	10
PL.7634	PL.7635	B	8 A (CWC)	7.30Y	121.7	0.01	3.34	1.47	1	10	3	96	0.00	0.0	5.243	0.102	1	0	1	9
PL.7633	PL.7634	B	8 A (CWC)	7.30Y	121.6	0.01	3.35	1.32	1	9	2	98	0.00	0.0	5.356	0.113	0	0	0	8
PL.7629	PL.7633	B	8 A (CWC)	7.30Y	121.6	0.01	3.36	1.08	1	8	2	97	0.00	0.0	5.467	0.111	0	0	0	7
PL.7630	PL.7629	B	8 A (CWC)	7.30Y	121.6	0.00	3.36	1.08	1	8	2	97	0.00	0.0	5.525	0.058	1	0	1	7

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7300	PL.7630	B	#1/0 ACSR	7.30Y	121.6	0.00	3.36	0.30	0	2	1	89	0.00	0.0	5.568	0.043	2	1	1	1
PL.7631	PL.7630	B	6 A (CWC)	7.30Y	121.6	0.00	3.37	0.65	0	5	1	98	0.00	0.0	5.672	0.148	1	0	1	5
PL.7632	PL.7631	B	6 A (CWC)	7.30Y	121.6	0.01	3.37	0.47	0	3	1	95	0.00	0.0	6.072	0.400	0	0	0	4
PL.10132	PL.7632	B	6 A (CWC)	7.30Y	121.6	0.00	3.37	0.47	0	3	1	95	0.00	0.0	6.077	0.005	0	0	0	4
PD.1601	PL.10132	B	10T	7.30Y	121.6	0.00	3.37	0.47	0	3	1	95	0.00	0.0	6.077	0.005	0	0	0	4
PL.7759	PD.1601	B	8 A (CWC)	7.30Y	121.6	0.00	3.38	0.47	0	3	1	95	0.00	0.0	6.147	0.070	0	0	0	4
PL.7301	PL.7759	B	#4 ACSR	7.30Y	121.6	0.00	3.38	0.11	0	1	0	100	0.00	0.0	6.343	0.196	0	0	1	2
PL.7618	PL.7301	B	#4 ACSR	7.30Y	121.6	0.00	3.38	0.09	0	1	0	100	0.00	0.0	6.459	0.117	1	0	1	1
PL.7302	PL.7759	B	6 A (CWC)	7.30Y	121.6	0.00	3.38	0.37	0	3	1	95	0.00	0.0	6.166	0.019	0	0	0	2
PL.7619	PL.7302	B	#4 ACSR	7.30Y	121.6	0.00	3.38	0.37	0	3	1	95	0.00	0.0	6.234	0.068	2	1	1	2
PL.7620	PL.7619	B	#4 ACSR	7.30Y	121.6	0.00	3.38	0.02	0	0	0	100	0.00	0.0	6.622	0.388	0	0	1	1
PL.7299	PL.7633	B	#4 ACSR	7.30Y	121.6	0.00	3.35	0.24	0	2	0	100	0.00	0.0	5.426	0.070	2	0	1	1
PL.7297	PL.7514	B	6 A (CWC)	7.30Y	121.7	0.00	3.28	0.08	0	1	0	100	0.00	0.0	4.821	0.069	0	0	0	1
PL.7714	PL.7297	B	6 A (CWC)	7.30Y	121.7	0.00	3.28	0.08	0	1	0	100	0.00	0.0	4.826	0.005	0	0	0	1
PD.1578	PL.7714	B	20T	7.30Y	121.7	0.00	3.28	0.08	0	1	0	100	0.00	0.0	4.826	0.005	0	0	0	1
PL.7715	PD.1578	B	6 A (CWC)	7.30Y	121.7	0.00	3.28	0.08	0	1	0	100	0.00	0.0	4.854	0.029	1	0	1	1
PL.7513	PL.7715	B	6 A (CWC)	7.30Y	121.7	0.00	3.28	0.00	0	0	0	100	0.00	0.0	4.912	0.058	0	0	0	0
PL.7293	PL.7537	B	#4 ACSR	7.31Y	121.8	0.00	3.18	0.10	0	1	0	100	0.00	0.0	3.905	0.022	0	0	0	1
PL.7726	PL.7293	B	#2 ACSR	7.31Y	121.8	0.00	3.18	0.10	0	1	0	100	0.00	0.0	3.909	0.004	0	0	0	1
PD.1584	PL.7726	B	30T	7.31Y	121.8	0.00	3.18	0.10	0	1	0	100	0.00	0.0	3.909	0.004	0	0	0	1
PL.7727	PD.1584	B	#2 ACSR	7.31Y	121.8	0.00	3.18	0.10	0	1	0	100	0.00	0.0	3.962	0.053	1	0	1	1
PL.7736	PL.7364	B	#1/0 ACSR	7.33Y	122.1	0.00	2.92	1.31	1	9	2	98	0.00	0.0	3.053	0.005	0	0	0	3
PD.1589	PL.7736	B	30T	7.33Y	122.1	0.00	2.92	1.31	0	9	2	98	0.00	0.0	3.053	0.005	0	0	0	3
PL.7737	PD.1589	B	#1/0 ACSR	7.32Y	122.1	0.00	2.92	1.31	1	9	2	98	0.00	0.0	3.193	0.140	2	1	1	3
PL.7546	PL.7737	B	#1/0 ACSR	7.32Y	122.1	0.00	2.92	0.96	0	7	2	96	0.00	0.0	3.250	0.057	3	1	1	2
PL.7547	PL.7546	B	#1/0 ACSR	7.32Y	122.1	0.00	2.92	0.58	0	4	1	97	0.00	0.0	3.289	0.039	4	1	1	1
PL.7738	PL.7556	B	#4 ACSR	7.33Y	122.1	0.00	2.88	1.50	1	11	3	96	0.00	0.0	2.994	0.005	0	0	0	1
PD.1590	PL.7738	B	30T	7.33Y	122.1	0.00	2.88	1.50	0	11	3	96	0.00	0.0	2.994	0.005	0	0	0	1
PL.7739	PD.1590	B	#4 ACSR	7.33Y	122.1	0.00	2.89	1.50	1	11	3	96	0.00	0.0	3.085	0.091	11	3	1	1
PL.7363	PL.7560	ABC	#1/0 ACSR	7.35Y	122.6	0.04	2.43	32.42	14	691	185	97	0.17	0.0	2.267	0.061	0	0	0	225
PL.7505	PL.7363	ABC	#1/0 ACSR	7.35Y	122.5	0.03	2.46	30.89	13	658	176	97	0.15	0.0	2.327	0.060	12	3	3	217

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7650	PL.7505	ABC	#1/0 ACSR	7.35Y	122.5	0.05	2.52	30.34	13	646	173	97	0.25	0.0	2.428	0.101	0	0	1	214
PL.7651	PL.7650	ABC	#1/0 ACSR	7.35Y	122.4	0.04	2.56	30.33	13	646	172	97	0.18	0.0	2.500	0.072	1	0	1	213
PL.7649	PL.7651	ABC	#1/0 ACSR	7.34Y	122.3	0.09	2.65	30.29	13	645	172	97	0.42	0.1	2.674	0.173	1	0	1	212
PL.7648	PL.7649	ABC	#1/0 ACSR	7.33Y	122.2	0.12	2.77	30.24	13	643	171	97	0.52	0.1	2.889	0.215	0	0	0	211
PL.7646	PL.7648	ABC	#1/0 ACSR	7.33Y	122.2	0.02	2.78	26.38	11	561	149	97	0.06	0.0	2.922	0.033	1	0	1	186
PL.7647	PL.7646	ABC	#1/0 ACSR	7.33Y	122.1	0.07	2.85	26.35	11	560	149	97	0.26	0.0	3.064	0.142	0	0	0	185
PL.7642	PL.7647	ABC	#1/0 ACSR	7.33Y	122.1	0.05	2.90	25.25	11	537	143	97	0.20	0.0	3.183	0.119	0	0	0	174
PL.7643	PL.7642	ABC	#1/0 ACSR	7.32Y	122.1	0.02	2.93	25.25	11	536	142	97	0.08	0.0	3.232	0.049	3	1	1	174
PL.7644	PL.7643	ABC	#1/0 ACSR	7.32Y	122.0	0.04	2.97	25.10	11	533	142	97	0.15	0.0	3.325	0.093	6	2	5	173
PL.7760	PL.7644	C	6 A (CWC)	7.32Y	122.0	0.00	2.97	4.62	3	33	9	96	0.00	0.0	3.329	0.004	0	0	0	7
PD.1602	PL.7760	C	65T	7.32Y	122.0	0.00	2.97	4.62	0	33	9	96	0.00	0.0	3.329	0.004	0	0	0	7
PL.7761	PD.1602	C	6 A (CWC)	7.32Y	122.0	0.04	3.01	4.62	3	33	9	96	0.01	0.0	3.546	0.216	8	2	2	7
PL.7641	PL.7761	C	6 A (CWC)	7.32Y	122.0	0.02	3.03	3.54	3	25	7	96	0.00	0.0	3.680	0.134	12	3	1	5
PL.7627	PL.7641	C	6 A (CWC)	7.32Y	122.0	0.00	3.03	1.84	1	13	3	97	0.00	0.0	3.740	0.060	4	1	2	3
PL.7628	PL.7627	C	6 A (CWC)	7.32Y	122.0	0.00	3.03	1.24	1	9	2	98	0.00	0.0	3.841	0.101	9	2	1	1
PL.7321	PL.7641	C	#2 ACSR	7.32Y	122.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	3.757	0.077	0	0	1	1
PL.7455	PL.7644	ABC	#1/0 ACSR	7.32Y	122.0	0.02	2.99	23.27	10	494	131	97	0.08	0.0	3.380	0.055	7	2	3	161
PL.7460	PL.7455	ABC	#1/0 ACSR	7.32Y	122.0	0.01	3.00	22.96	10	487	129	97	0.05	0.0	3.413	0.032	0	0	0	158
PL.7463	PL.7460	ABC	#1/0 ACSR	7.32Y	122.0	0.03	3.04	20.54	9	436	116	97	0.10	0.0	3.503	0.091	0	0	0	145
PL.7464	PL.7463	ABC	#1/0 ACSR	7.32Y	121.9	0.02	3.05	20.46	9	434	115	97	0.05	0.0	3.551	0.048	0	0	0	144
PL.7702	PL.7464	C	#1/0 ACSR	7.32Y	121.9	0.00	3.06	2.32	1	16	4	97	0.00	0.0	3.556	0.005	0	0	0	3
PD.1572	PL.7702	C	65T	7.32Y	121.9	0.00	3.06	2.32	0	16	4	97	0.00	0.0	3.556	0.005	0	0	0	3
PL.7703	PD.1572	C	#1/0 ACSR	7.32Y	121.9	0.00	3.06	2.32	1	16	4	97	0.00	0.0	3.567	0.012	16	4	3	3
PL.7465	PL.7464	ABC	#1/0 ACSR	7.31Y	121.9	0.05	3.10	19.69	9	418	111	97	0.14	0.0	3.692	0.141	6	1	1	141
PL.7700	PL.7465	C	#1/0 ACSR	7.31Y	121.9	0.00	3.10	1.96	1	14	4	96	0.00	0.0	3.697	0.005	0	0	0	2
PD.1571	PL.7700	C	65T	7.31Y	121.9	0.00	3.10	1.96	0	14	4	96	0.00	0.0	3.697	0.005	0	0	0	2
PL.7701	PD.1571	C	#1/0 ACSR	7.31Y	121.9	0.00	3.11	1.96	1	14	4	96	0.00	0.0	3.833	0.136	14	4	2	2
PL.7374	PL.7465	ABC	#1/0 ACSR	7.31Y	121.9	0.02	3.12	18.78	8	398	106	97	0.04	0.0	3.740	0.048	12	3	3	138
PL.7798	PL.7374	A	#2 ACSR	7.31Y	121.9	0.00	3.12	2.73	2	19	5	97	0.00	0.0	3.745	0.005	0	0	0	5
PD.1622	PL.7798	A	65T	7.31Y	121.9	0.00	3.12	2.73	0	19	5	97	0.00	0.0	3.745	0.005	0	0	0	5
PL.7799	PD.1622	A	#2 ACSR	7.31Y	121.9	0.01	3.13	2.73	2	19	5	97	0.00	0.0	3.828	0.083	0	0	0	5

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7491	PL.7799	A	#4 ACSR	7.31Y	121.9	0.00	3.13	0.57	0	4	1	97	0.00	0.0	3.928	0.100	2	1	1	3
PL.7492	PL.7491	A	#4 ACSR	7.31Y	121.9	0.00	3.13	0.28	0	2	1	89	0.00	0.0	4.027	0.100	0	0	0	2
PL.7383	PL.7492	A	#4 ACSR	7.31Y	121.9	0.00	3.13	0.28	0	2	1	89	0.00	0.0	4.154	0.126	2	1	2	2
PL.7325	PL.7799	A	#2 ACSR	7.31Y	121.9	0.00	3.13	1.19	1	8	2	97	0.00	0.0	3.908	0.080	8	2	1	1
PL.7376	PL.7799	A	#2 ACSR	7.31Y	121.9	0.00	3.13	0.97	1	7	2	96	0.00	0.0	3.888	0.060	7	2	1	1
PL.7375	PL.7374	ABC	#1/0 ACSR	7.31Y	121.8	0.12	3.24	17.29	8	367	98	97	0.32	0.1	4.138	0.397	0	0	0	130
PL.10143	PL.7375	ABC	#1/0 ACSR	7.31Y	121.8	0.00	3.24	17.29	8	366	97	97	0.00	0.0	4.140	0.003	0	0	0	130
PD.1636	PL.10143	ABC	50L	7.31Y	121.8	0.00	3.24	17.29	35	366	97	97	0.00	0.0	4.140	0.003	0	0	0	130
PL.7577	PD.1636	ABC	#1/0 ACSR	7.30Y	121.7	0.02	3.26	17.29	8	366	97	97	0.04	0.0	4.190	0.049	9	2	2	130
PL.7486	PL.7577	ABC	#1/0 ACSR	7.30Y	121.7	0.06	3.32	16.85	7	357	95	97	0.14	0.0	4.378	0.188	5	1	2	128
PL.7488	PL.7486	ABC	#1/0 ACSR	7.30Y	121.7	0.02	3.33	14.92	6	316	84	97	0.04	0.0	4.445	0.067	0	0	0	115
PL.7489	PL.7488	ABC	#1/0 ACSR	7.30Y	121.7	0.01	3.34	14.92	6	316	84	97	0.02	0.0	4.472	0.028	4	1	1	115
PL.7487	PL.7489	ABC	#1/0 ACSR	7.30Y	121.6	0.01	3.35	14.75	6	312	83	97	0.03	0.0	4.520	0.048	0	0	0	114
PL.7772	PL.7487	A	#2 ACSR	7.30Y	121.6	0.00	3.35	1.26	1	9	2	98	0.00	0.0	4.525	0.005	0	0	0	2
PD.1609	PL.7772	A	20T	7.30Y	121.6	0.00	3.35	1.26	0	9	2	98	0.00	0.0	4.525	0.005	0	0	0	2
PL.7773	PD.1609	A	#2 ACSR	7.30Y	121.6	0.00	3.35	1.26	1	9	2	98	0.00	0.0	4.547	0.022	9	2	2	2
PL.7666	PL.7487	ABC	#1/0 ACSR	7.30Y	121.6	0.01	3.36	14.33	6	303	81	97	0.02	0.0	4.562	0.041	6	2	3	112
PL.7667	PL.7666	ABC	#1/0 ACSR	7.30Y	121.6	0.02	3.38	14.03	6	297	79	97	0.03	0.0	4.629	0.067	7	2	3	109
PL.7770	PL.7667	A	#2 ACSR	7.30Y	121.6	0.00	3.38	0.44	0	3	1	95	0.00	0.0	4.633	0.005	0	0	0	1
PD.1608	PL.7770	A	20T	7.30Y	121.6	0.00	3.38	0.44	0	3	1	95	0.00	0.0	4.633	0.005	0	0	0	1
PL.7771	PD.1608	A	#2 ACSR	7.30Y	121.6	0.00	3.38	0.44	0	3	1	95	0.00	0.0	4.671	0.037	0	0	0	1
PL.7295	PL.7771	A	#2 ACSR	7.30Y	121.6	0.00	3.38	0.00	0	0	0	100	0.00	0.0	4.734	0.063	0	0	0	0
PL.7378	PL.7771	A	#2 ACSR	7.30Y	121.6	0.00	3.38	0.44	0	3	1	95	0.00	0.0	4.727	0.056	3	1	1	1
PL.7664	PL.7667	ABC	#1/0 ACSR	7.30Y	121.6	0.02	3.40	13.53	6	286	76	97	0.03	0.0	4.694	0.065	1	0	1	105
PL.7665	PL.7664	ABC	#1/0 ACSR	7.30Y	121.6	0.00	3.40	13.47	6	285	76	97	0.01	0.0	4.712	0.018	5	1	2	104
PL.7663	PL.7665	ABC	#1/0 ACSR	7.29Y	121.6	0.02	3.42	13.25	6	280	74	97	0.04	0.0	4.797	0.085	8	2	3	102
PL.7692	PL.7663	ABC	#1/0 ACSR	7.29Y	121.6	0.03	3.45	12.89	6	273	72	97	0.05	0.0	4.906	0.109	2	1	1	99
PL.7693	PL.7692	ABC	#1/0 ACSR	7.29Y	121.5	0.01	3.45	12.79	6	271	71	97	0.01	0.0	4.939	0.033	1	0	2	98
PL.7470	PL.7693	ABC	#1/0 ACSR	7.29Y	121.5	0.04	3.49	12.71	6	269	71	97	0.07	0.0	5.095	0.156	1	0	1	95
PL.7766	PL.7470	C	#4 ACSR	7.29Y	121.5	0.00	3.49	0.40	0	3	1	95	0.00	0.0	5.099	0.005	0	0	0	1
PD.1606	PL.7766	C	20T	7.29Y	121.5	0.00	3.49	0.40	0	3	1	95	0.00	0.0	5.099	0.005	0	0	0	1

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7767	PD.1606	C	#4 ACSR	7.29Y	121.5	0.00	3.49	0.40	0	3	1	95	0.00	0.0	5.189	0.090	3	1	1	1
PL.7469	PL.7470	ABC	#1/0 ACSR	7.28Y	121.4	0.10	3.59	12.55	5	265	70	97	0.19	0.1	5.542	0.447	0	0	1	93
PL.7468	PL.7469	ABC	#1/0 ACSR	7.28Y	121.4	0.06	3.65	11.15	5	236	62	97	0.09	0.0	5.825	0.283	4	1	4	83
PL.7656	PL.7468	ABC	#1/0 ACSR	7.28Y	121.3	0.02	3.66	10.96	5	231	61	97	0.03	0.0	5.905	0.080	0	0	0	79
PL.7466	PL.7656	ABC	#1/0 ACSR	7.28Y	121.3	0.01	3.67	8.58	4	181	48	97	0.01	0.0	5.956	0.051	0	0	0	66
PL.7654	PL.7466	ABC	#1/0 ACSR	7.28Y	121.3	0.00	3.67	8.58	4	181	48	97	0.00	0.0	5.975	0.020	3	1	1	66
PL.7673	PL.7654	ABC	#1/0 ACSR	7.28Y	121.3	0.03	3.70	8.46	4	179	47	97	0.04	0.0	6.162	0.187	0	0	0	65
PL.7674	PL.7673	ABC	#1/0 ACSR	7.28Y	121.3	0.04	3.74	8.46	4	179	47	97	0.05	0.0	6.427	0.265	0	0	0	65
PL.7780	PL.7674	C	6 A (CWC)	7.28Y	121.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	6.431	0.004	0	0	0	2
PD.1613	PL.7780	C	20T	7.28Y	121.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	6.431	0.004	0	0	0	2
PL.7781	PD.1613	C	6 A (CWC)	7.28Y	121.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	6.521	0.090	0	0	2	2
PL.7671	PL.7674	ABC	#1/0 ACSR	7.27Y	121.2	0.01	3.76	8.46	4	179	47	97	0.02	0.0	6.525	0.098	1	0	1	63
PL.7672	PL.7671	ABC	#1/0 ACSR	7.27Y	121.2	0.03	3.78	8.42	4	178	47	97	0.03	0.0	6.703	0.178	0	0	0	62
PL.7379	PL.7672	ABC	#1/0 ACSR	7.27Y	121.2	0.01	3.80	4.27	2	90	24	97	0.01	0.0	6.885	0.182	0	0	1	27
PL.7776	PL.7379	C	6 A (CWC)	7.27Y	121.2	0.00	3.80	2.51	2	18	5	96	0.00	0.0	6.889	0.005	0	0	0	4
PD.1611	PL.7776	C	20T	7.27Y	121.2	0.00	3.80	2.51	0	18	5	96	0.00	0.0	6.889	0.005	0	0	0	4
PL.7777	PD.1611	C	6 A (CWC)	7.27Y	121.2	0.01	3.80	2.51	2	18	5	96	0.00	0.0	6.940	0.051	2	1	2	4
PL.7670	PL.7777	C	6 A (CWC)	7.27Y	121.2	0.00	3.80	2.23	2	16	4	97	0.00	0.0	6.982	0.043	16	4	2	2
PL.7380	PL.7379	ABC	#1/0 ACSR	7.27Y	121.2	0.01	3.80	3.43	1	72	19	97	0.00	0.0	6.979	0.095	0	0	0	22
PL.7668	PL.7380	ABC	#1/0 ACSR	7.27Y	121.2	0.00	3.80	3.20	1	68	18	97	0.00	0.0	7.019	0.040	10	2	1	21
PL.7669	PL.7668	ABC	#1/0 ACSR	7.27Y	121.2	0.00	3.81	2.75	1	58	15	97	0.00	0.0	7.107	0.087	0	0	0	20
PL.7774	PL.7669	A	#4 ACSR	7.27Y	121.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	7.111	0.005	0	0	0	0
PD.1610	PL.7774	A	20T	7.27Y	121.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	7.111	0.005	0	0	0	0
PL.7775	PD.1610	A	#4 ACSR	7.27Y	121.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	7.221	0.110	0	0	0	0
PL.7381	PL.7669	ABC	#1/0 ACSR	7.27Y	121.2	0.00	3.81	2.75	1	58	15	97	0.00	0.0	7.208	0.101	0	0	0	20
PL.7341	PL.7381	ABC	#1/0 ACSR	7.27Y	121.2	0.00	3.82	2.75	1	58	15	97	0.00	0.0	7.281	0.073	4	1	2	20
PL.7688	PL.7341	ABC	#1/0 ACSR	7.27Y	121.2	0.00	3.82	2.54	1	54	14	97	0.00	0.0	7.331	0.050	12	3	3	18
PL.7689	PL.7688	ABC	#1/0 ACSR	7.27Y	121.2	0.01	3.83	1.98	1	42	11	97	0.00	0.0	7.547	0.216	0	0	0	15
PL.7382	PL.7689	ABC	#1/0 ACSR	7.27Y	121.2	0.00	3.83	1.75	1	37	10	97	0.00	0.0	7.632	0.084	0	0	0	11
PL.7429	PL.7382	ABC	#1/0 ACSR	7.27Y	121.2	0.00	3.83	1.34	1	28	7	97	0.00	0.0	7.718	0.086	3	1	2	8
PL.7782	PL.7429	C	#4 ACSR	7.27Y	121.2	0.00	3.83	3.03	2	21	6	96	0.00	0.0	7.722	0.005	0	0	0	4

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.1614	PL.7782	C	20T	7.27Y	121.2	0.00	3.83	3.03	0	21	6	96	0.00	0.0	7.722	0.005	0	0	0	4
PL.7783	PD.1614	C	#4 ACSR	7.27Y	121.2	0.00	3.84	3.03	2	21	6	96	0.00	0.0	7.758	0.035	12	3	3	4
PL.7687	PL.7783	C	#4 ACSR	7.27Y	121.2	0.00	3.84	1.28	1	9	2	98	0.00	0.0	7.804	0.046	9	2	1	1
PL.7802	PL.7429	A	#2/0 ACSR	7.27Y	121.2	0.00	3.83	0.52	0	4	1	97	0.00	0.0	7.722	0.005	0	0	0	2
PD.1624	PL.7802	A	20T	7.27Y	121.2	0.00	3.83	0.52	0	4	1	97	0.00	0.0	7.722	0.005	0	0	0	2
PL.7803	PD.1624	A	#2/0 ACSR	7.27Y	121.2	0.00	3.83	0.52	0	4	1	97	0.00	0.0	7.740	0.017	4	1	2	2
PL.7810	PL.7429	ABC	#1/0 ACSR	7.27Y	121.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	7.747	0.029	0	0	0	0
PD.1628-A	PL.7810	ABC	Open	7.27Y	121.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	7.747	0.029	0	0	0	0
PL.7686	PL.7382	A	#4 ACSR	7.27Y	121.2	0.00	3.83	1.23	1	9	2	98	0.00	0.0	7.656	0.024	0	0	1	3
PL.7784	PL.7686	A	#4 ACSR	7.27Y	121.2	0.00	3.83	1.23	1	9	2	98	0.00	0.0	7.660	0.005	0	0	0	2
PD.1615	PL.7784	A	20T	7.27Y	121.2	0.00	3.83	1.23	0	9	2	98	0.00	0.0	7.660	0.005	0	0	0	2
PL.7785	PD.1615	A	#4 ACSR	7.27Y	121.2	0.00	3.83	1.23	1	9	2	98	0.00	0.0	7.688	0.027	9	2	2	2
PL.7786	PL.7689	B	6 A (CWC)	7.27Y	121.2	0.00	3.83	0.67	0	5	1	98	0.00	0.0	7.552	0.005	0	0	0	4
PD.1616	PL.7786	B	20T	7.27Y	121.2	0.00	3.83	0.67	0	5	1	98	0.00	0.0	7.552	0.005	0	0	0	4
PL.7787	PD.1616	B	6 A (CWC)	7.27Y	121.2	0.00	3.83	0.67	0	5	1	98	0.00	0.0	7.751	0.199	4	1	2	4
PL.7441	PL.7787	B	6 A (CWC)	7.27Y	121.2	0.00	3.83	0.07	0	1	0	100	0.00	0.0	8.130	0.379	1	0	1	1
PL.7344	PL.7787	B	#4 ACSR	7.27Y	121.2	0.00	3.83	0.03	0	0	0	100	0.00	0.0	7.932	0.181	0	0	1	1
PL.7778	PL.7380	C	#2 ACSR	7.27Y	121.2	0.00	3.80	0.68	0	5	1	98	0.00	0.0	6.984	0.005	0	0	0	1
PD.1612	PL.7778	C	20T	7.27Y	121.2	0.00	3.80	0.68	0	5	1	98	0.00	0.0	6.984	0.005	0	0	0	1
PL.7779	PD.1612	C	#2 ACSR	7.27Y	121.2	0.00	3.80	0.68	0	5	1	98	0.00	0.0	7.048	0.064	5	1	1	1
PL.7433	PL.7672	C	#4 ACSR	7.27Y	121.1	0.07	3.85	12.45	10	88	23	97	0.05	0.1	6.826	0.123	0	0	1	35
PL.7434	PL.7433	C	#4 ACSR	7.26Y	121.0	0.13	3.98	12.24	9	86	23	97	0.08	0.1	7.060	0.234	3	1	2	33
PL.7676	PL.7434	C	#4 ACSR	7.26Y	121.0	0.03	4.01	11.87	9	83	22	97	0.02	0.0	7.116	0.056	1	0	1	31
PL.7574	PL.7676	C	6 A (CWC)	7.26Y	121.0	0.03	4.03	11.76	8	83	22	97	0.02	0.0	7.170	0.054	0	0	0	30
PD.1635	PL.7574	C	100CodeSMo	7.26Y	121.0	0.00	4.03	11.76	0	83	22	97	0.00	0.0	7.170	0.054	0	0	0	30
PL.7575	PD.1635	C	6 A (CWC)	7.26Y	121.0	0.02	4.05	11.76	8	83	22	97	0.01	0.0	7.200	0.030	0	0	0	30
PL.7435	PL.7575	C	6 A (CWC)	7.25Y	120.9	0.10	4.14	11.29	8	79	21	97	0.06	0.1	7.384	0.185	0	0	0	29
PL.7436	PL.7435	C	6 A (CWC)	7.25Y	120.8	0.05	4.20	11.29	8	79	21	97	0.03	0.0	7.490	0.106	4	1	1	29
PL.7343	PL.7436	C	#4 ACSR	7.25Y	120.8	0.00	4.20	2.85	2	20	5	97	0.00	0.0	7.533	0.043	20	5	5	5
PL.7680	PL.7436	C	6 A (CWC)	7.25Y	120.8	0.01	4.21	7.88	6	55	14	97	0.00	0.0	7.514	0.024	18	5	4	23
PL.7681	PL.7680	C	6 A (CWC)	7.24Y	120.7	0.10	4.30	5.32	4	37	10	97	0.03	0.1	7.927	0.413	2	1	3	19

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7679	PL.7681	C	6 A (CWC)	7.24Y	120.7	0.01	4.31	4.97	4	35	9	97	0.00	0.0	7.978	0.051	0	0	1	16
PL.7677	PL.7679	C	6 A (CWC)	7.24Y	120.7	0.01	4.32	4.97	4	35	9	97	0.00	0.0	8.042	0.064	17	5	6	15
PL.7684	PL.7677	C	6 A (CWC)	7.24Y	120.7	0.01	4.33	2.48	2	17	5	96	0.00	0.0	8.092	0.050	3	1	1	9
PL.7685	PL.7684	C	6 A (CWC)	7.24Y	120.7	0.00	4.33	2.09	1	15	4	97	0.00	0.0	8.138	0.046	3	1	1	8
PL.7478	PL.7685	C	6 A (CWC)	7.24Y	120.6	0.02	4.36	1.64	1	11	3	96	0.00	0.0	8.436	0.298	0	0	0	7
PL.7623	PL.7478	C	6 A (CWC)	7.24Y	120.6	0.01	4.37	1.50	1	10	3	96	0.00	0.0	8.594	0.158	2	1	2	6
PL.7624	PL.7623	C	6 A (CWC)	7.24Y	120.6	0.01	4.37	1.18	1	8	2	97	0.00	0.0	8.688	0.094	0	0	0	4
PL.7625	PL.7624	C	#4 ACSR	7.24Y	120.6	0.00	4.38	1.18	1	8	2	97	0.00	0.0	8.780	0.092	0	0	1	4
PL.7626	PL.7625	C	#4 ACSR	7.24Y	120.6	0.00	4.38	1.18	1	8	2	97	0.00	0.0	8.845	0.066	8	2	3	3
PL.7621	PL.7478	C	#4 ACSR	7.24Y	120.6	0.00	4.36	0.14	0	1	0	100	0.00	0.0	8.489	0.053	0	0	0	1
PL.7622	PL.7621	C	#4 ACSR	7.24Y	120.6	0.00	4.36	0.14	0	1	0	100	0.00	0.0	8.650	0.161	1	0	1	1
PL.7682	PL.7435	C	#4 ACSR	7.25Y	120.9	0.00	4.14	0.00	0	0	0	100	0.00	0.0	7.489	0.105	0	0	0	0
PL.7683	PL.7682	C	#1/0 ACSR	7.25Y	120.9	0.00	4.14	0.00	0	0	0	100	0.00	0.0	7.549	0.060	0	0	0	0
PL.7342	PL.7575	C	#4 ACSR	7.26Y	120.9	0.00	4.05	0.48	0	3	1	95	0.00	0.0	7.243	0.043	3	1	1	1
PL.7339	PL.7433	C	6 A (CWC)	7.27Y	121.1	0.00	3.85	0.20	0	1	0	100	0.00	0.0	6.915	0.089	1	0	1	1
PL.7572	PL.7656	A	#4 ACSR	7.28Y	121.3	0.00	3.66	7.13	5	50	13	97	0.00	0.0	5.908	0.003	0	0	0	13
PD.1634	PL.7572	A	35H	7.28Y	121.3	0.00	3.66	7.13	20	50	13	97	0.00	0.0	5.908	0.003	0	0	0	13
PL.7573	PD.1634	A	#4 ACSR	7.28Y	121.3	0.04	3.70	7.13	5	50	13	97	0.01	0.0	6.038	0.130	4	1	2	13
PL.7652	PL.7573	A	#4 ACSR	7.28Y	121.3	0.01	3.71	2.27	2	16	4	97	0.00	0.0	6.119	0.081	0	0	0	3
PL.7653	PL.7652	A	#4 ACSR	7.28Y	121.3	0.02	3.73	2.27	2	16	4	97	0.00	0.0	6.295	0.176	2	1	1	3
PL.7336	PL.7653	A	#2 ACSR	7.28Y	121.3	0.00	3.73	1.91	1	13	4	96	0.00	0.0	6.316	0.021	0	0	0	2
PL.7690	PL.7336	A	#4 ACSR	7.28Y	121.3	0.00	3.73	0.99	1	7	2	96	0.00	0.0	6.387	0.071	7	2	1	1
PL.7691	PL.7690	A	#4 ACSR	7.28Y	121.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	6.504	0.117	0	0	0	0
PL.7337	PL.7336	A	#2 ACSR	7.28Y	121.3	0.00	3.73	0.93	1	7	2	96	0.00	0.0	6.335	0.019	7	2	1	1
PL.7657	PL.7573	A	#4 ACSR	7.28Y	121.3	0.00	3.71	4.32	3	30	8	97	0.00	0.0	6.064	0.026	5	1	1	8
PL.7658	PL.7657	A	#4 ACSR	7.27Y	121.2	0.05	3.76	3.63	3	26	7	97	0.01	0.0	6.382	0.318	2	1	1	7
PL.7659	PL.7658	A	6 A (CWC)	7.27Y	121.2	0.01	3.77	3.32	2	23	6	97	0.00	0.0	6.473	0.091	2	0	1	6
PL.7660	PL.7659	A	6 A (CWC)	7.27Y	121.2	0.02	3.79	3.08	2	22	6	96	0.00	0.0	6.644	0.171	4	1	1	5
PL.7661	PL.7660	A	6 A (CWC)	7.27Y	121.2	0.01	3.80	2.57	2	18	5	96	0.00	0.0	6.742	0.098	6	2	1	4
PL.7662	PL.7661	A	6 A (CWC)	7.27Y	121.2	0.00	3.80	1.72	1	12	3	97	0.00	0.0	6.755	0.013	2	0	2	3
PL.7338	PL.7662	A	6 A (CWC)	7.27Y	121.2	0.00	3.80	1.49	1	10	3	96	0.00	0.0	6.811	0.055	10	3	1	1

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7800	PL.7469	C	#2 ACSR	7.28Y	121.4	0.00	3.59	4.15	2	29	8	96	0.00	0.0	5.546	0.005	0	0	0	8
PD.1623	PL.7800	C	20T	7.28Y	121.4	0.00	3.59	4.15	0	29	8	96	0.00	0.0	5.546	0.005	0	0	0	8
PL.7801	PD.1623	C	#2 ACSR	7.28Y	121.4	0.03	3.62	4.15	2	29	8	96	0.01	0.0	5.740	0.193	0	0	0	8
PL.10144	PL.7801	C	6 A (CWC)	7.28Y	121.4	0.00	3.62	4.15	3	29	8	96	0.00	0.0	5.741	0.001	0	0	0	8
PD.1877	PL.10144	C	T	7.28Y	121.4	0.00	3.62	4.15	0	29	8	96	0.00	0.0	5.741	0.001	0	0	0	8
PL.10145	PD.1877	C	6 A (CWC)	7.28Y	121.4	0.00	3.62	4.15	3	29	8	96	0.00	0.0	5.744	0.003	0	0	0	8
PL.7461	PL.10145	C	6 A (CWC)	7.28Y	121.4	0.00	3.62	0.10	0	1	0	100	0.00	0.0	5.756	0.013	0	0	0	1
PL.7420	PL.7461	C	6 A (CWC)	7.28Y	121.4	0.00	3.62	0.10	0	1	0	100	0.00	0.0	5.879	0.122	1	0	1	1
PL.7329	PL.7420	C	#4 ACSR	7.28Y	121.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	5.967	0.088	0	0	0	0
PL.7458	PL.10145	C	#4 ACSR	7.28Y	121.4	0.00	3.62	0.57	0	4	1	97	0.00	0.0	5.751	0.007	0	0	0	2
PL.7331	PL.7458	C	#4 ACSR	7.28Y	121.4	0.00	3.62	0.57	0	4	1	97	0.00	0.0	5.857	0.107	4	1	2	2
PL.7457	PL.10145	C	6 A (CWC)	7.28Y	121.4	0.01	3.63	3.48	2	25	6	97	0.00	0.0	5.809	0.065	0	0	0	5
PL.7332	PL.7457	C	#2 ACSR	7.28Y	121.4	0.00	3.63	3.48	2	25	6	97	0.00	0.0	5.843	0.034	7	2	1	5
PL.7333	PL.7332	C	#2 ACSR	7.28Y	121.4	0.00	3.63	2.49	1	18	5	96	0.00	0.0	5.915	0.072	5	1	1	4
PL.7334	PL.7333	C	#4 ACSR	7.28Y	121.4	0.00	3.64	0.74	1	5	1	98	0.00	0.0	5.944	0.029	5	1	2	2
PL.7451	PL.7333	C	#2 ACSR	7.28Y	121.4	0.00	3.64	1.04	1	7	2	96	0.00	0.0	5.969	0.053	0	0	0	1
PL.7452	PL.7451	C	#2 ACSR	7.28Y	121.4	0.00	3.64	0.00	0	0	0	100	0.00	0.0	6.015	0.046	0	0	0	0
PL.7335	PL.7451	C	#2 ACSR	7.28Y	121.4	0.00	3.64	1.04	1	7	2	96	0.00	0.0	6.009	0.041	7	2	1	1
PL.7764	PL.7469	A	#2 ACSR	7.28Y	121.4	0.00	3.59	0.05	0	0	0	100	0.00	0.0	5.546	0.005	0	0	0	1
PD.1605	PL.7764	A	20T	7.28Y	121.4	0.00	3.59	0.05	0	0	0	100	0.00	0.0	5.546	0.005	0	0	0	1
PL.7765	PD.1605	A	#2 ACSR	7.28Y	121.4	0.00	3.59	0.05	0	0	0	100	0.00	0.0	5.690	0.143	0	0	1	1
PL.7768	PL.7693	A	6 A (CWC)	7.29Y	121.5	0.00	3.45	0.17	0	1	0	100	0.00	0.0	4.944	0.005	0	0	0	1
PD.1607	PL.7768	A	20T	7.29Y	121.5	0.00	3.45	0.17	0	1	0	100	0.00	0.0	4.944	0.005	0	0	0	1
PL.7769	PD.1607	A	6 A (CWC)	7.29Y	121.5	0.00	3.45	0.17	0	1	0	100	0.00	0.0	4.996	0.053	1	0	1	1
PL.7698	PL.7486	A	6 A (CWC)	7.30Y	121.7	0.00	3.32	5.11	4	36	9	97	0.00	0.0	4.382	0.005	0	0	0	11
PD.1570	PL.7698	A	25T	7.30Y	121.7	0.00	3.32	5.11	0	36	9	97	0.00	0.0	4.382	0.005	0	0	0	11
PL.7699	PD.1570	A	6 A (CWC)	7.30Y	121.7	0.00	3.32	5.11	4	36	9	97	0.00	0.0	4.395	0.013	1	0	1	11
PL.7490	PL.7699	A	6 A (CWC)	7.30Y	121.6	0.04	3.36	5.00	4	35	9	97	0.01	0.0	4.574	0.179	0	0	0	10
PL.7493	PL.7490	A	#4 ACSR	7.30Y	121.6	0.01	3.37	1.40	1	10	3	96	0.00	0.0	4.709	0.135	5	1	2	4
PL.7494	PL.7493	A	#4 ACSR	7.30Y	121.6	0.00	3.37	0.73	1	5	1	98	0.00	0.0	4.759	0.051	5	1	2	2
PL.7495	PL.7490	A	6 A (CWC)	7.30Y	121.6	0.02	3.38	3.61	3	25	7	96	0.00	0.0	4.683	0.109	2	1	2	6

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7496	PL.7495	A	6 A (CWC)	7.30Y	121.6	0.01	3.39	3.26	2	23	6	97	0.00	0.0	4.744	0.060	0	0	0	4
PL.7326	PL.7496	A	6 A (CWC)	7.30Y	121.6	0.01	3.40	2.01	1	14	4	96	0.00	0.0	4.890	0.146	9	2	1	3
PL.7328	PL.7326	A	#2 ACSR	7.30Y	121.6	0.00	3.40	0.78	0	6	1	99	0.00	0.0	4.910	0.020	6	1	1	1
PL.7327	PL.7326	A	#1/0 ACSR	7.30Y	121.6	0.00	3.40	0.00	0	0	0	100	0.00	0.0	4.907	0.018	0	0	1	1
PL.7377	PL.7496	A	6 A (CWC)	7.30Y	121.6	0.00	3.39	1.25	1	9	2	98	0.00	0.0	4.804	0.060	9	2	1	1
PL.7704	PL.7463	A	#4 ACSR	7.32Y	122.0	0.00	3.04	0.24	0	2	0	100	0.00	0.0	3.508	0.005	0	0	0	1
PD.1573	PL.7704	A	65T	7.32Y	122.0	0.00	3.04	0.24	0	2	0	100	0.00	0.0	3.508	0.005	0	0	0	1
PL.7705	PD.1573	A	#4 ACSR	7.32Y	122.0	0.00	3.04	0.24	0	2	0	100	0.00	0.0	3.540	0.032	2	0	1	1
PL.7706	PL.7460	A	#4 ACSR	7.32Y	122.0	0.00	3.01	7.25	6	51	13	97	0.00	0.0	3.417	0.005	0	0	0	13
PD.1574	PL.7706	A	65T	7.32Y	122.0	0.00	3.01	7.25	0	51	13	97	0.00	0.0	3.417	0.005	0	0	0	13
PL.7707	PD.1574	A	#4 ACSR	7.32Y	122.0	0.02	3.03	7.25	6	51	13	97	0.01	0.0	3.493	0.075	5	1	1	13
PL.7497	PL.7707	A	#4 ACSR	7.32Y	121.9	0.02	3.05	6.60	5	47	12	97	0.01	0.0	3.578	0.086	2	1	1	12
PL.7498	PL.7497	A	#4 ACSR	7.32Y	121.9	0.01	3.06	6.31	5	45	12	97	0.00	0.0	3.617	0.039	0	0	0	11
PL.7499	PL.7498	A	6 A (CWC)	7.31Y	121.9	0.03	3.09	6.31	5	45	12	97	0.01	0.0	3.714	0.097	0	0	0	11
PL.7500	PL.7499	A	6 A (CWC)	7.31Y	121.9	0.03	3.12	6.31	5	45	12	97	0.01	0.0	3.815	0.100	11	3	1	11
PL.7501	PL.7500	A	6 A (CWC)	7.31Y	121.9	0.01	3.13	4.76	3	34	9	97	0.00	0.0	3.855	0.040	1	0	1	10
PL.7502	PL.7501	A	6 A (CWC)	7.31Y	121.9	0.01	3.14	4.58	3	32	8	97	0.00	0.0	3.921	0.066	14	4	3	9
PL.7322	PL.7502	A	#4 ACSR	7.31Y	121.9	0.00	3.14	1.12	1	8	2	97	0.00	0.0	3.944	0.023	8	2	2	2
PL.7324	PL.7502	A	#4 ACSR	7.31Y	121.9	0.01	3.14	1.55	1	11	3	96	0.00	0.0	4.030	0.110	0	0	1	4
PL.7503	PL.7324	A	#4 ACSR	7.31Y	121.9	0.00	3.15	0.56	0	4	1	97	0.00	0.0	4.141	0.111	4	1	2	2
PL.7504	PL.7503	A	#4 ACSR	7.31Y	121.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	4.207	0.066	0	0	0	0
PL.7323	PL.7324	A	#4 ACSR	7.31Y	121.9	0.00	3.15	0.94	1	7	2	96	0.00	0.0	4.098	0.067	7	2	1	1
PL.7762	PL.7647	C	6 A (CWC)	7.33Y	122.1	0.00	2.85	3.00	2	21	6	96	0.00	0.0	3.069	0.005	0	0	0	10
PD.1603	PL.7762	C	65T	7.33Y	122.1	0.00	2.85	3.00	0	21	6	96	0.00	0.0	3.069	0.005	0	0	0	10
PL.7763	PD.1603	C	6 A (CWC)	7.33Y	122.1	0.01	2.86	3.00	2	21	6	96	0.00	0.0	3.114	0.045	6	2	2	10
PL.7319	PL.7763	C	#1/0 ACSR	7.33Y	122.1	0.00	2.86	0.38	0	3	1	95	0.00	0.0	3.144	0.030	3	1	2	2
PL.7450	PL.7763	C	6 A (CWC)	7.33Y	122.1	0.00	2.86	0.25	0	2	0	100	0.00	0.0	3.255	0.141	2	0	1	1
PL.7318	PL.7763	C	6 A (CWC)	7.33Y	122.1	0.00	2.86	1.50	1	11	3	96	0.00	0.0	3.180	0.066	11	3	5	5
PL.7796	PL.7647	A	#4 ACSR	7.33Y	122.1	0.00	2.85	0.30	0	2	1	89	0.00	0.0	3.068	0.004	0	0	0	1
PD.1621	PL.7796	A	65T	7.33Y	122.1	0.00	2.85	0.30	0	2	1	89	0.00	0.0	3.068	0.004	0	0	0	1
PL.7797	PD.1621	A	#4 ACSR	7.33Y	122.1	0.00	2.85	0.30	0	2	1	89	0.00	0.0	3.225	0.156	2	1	1	1

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7794	PL.7648	C	6 A (CWC)	7.33Y	122.2	0.00	2.77	2.68	2	19	5	97	0.00	0.0	2.893	0.004	0	0	0	6
PD.1620	PL.7794	C	65T	7.33Y	122.2	0.00	2.77	2.68	0	19	5	97	0.00	0.0	2.893	0.004	0	0	0	6
PL.7795	PD.1620	C	6 A (CWC)	7.33Y	122.2	0.00	2.77	2.68	2	19	5	97	0.00	0.0	2.919	0.026	3	1	2	6
PL.7645	PL.7795	C	6 A (CWC)	7.33Y	122.2	0.00	2.77	2.22	2	16	4	97	0.00	0.0	2.958	0.039	0	0	0	4
PL.7317	PL.7645	C	#2 ACSR	7.33Y	122.2	0.00	2.78	1.43	1	10	3	96	0.00	0.0	3.003	0.045	10	3	2	2
PL.7316	PL.7645	C	#2 ACSR	7.33Y	122.2	0.00	2.78	0.79	0	6	1	99	0.00	0.0	3.026	0.068	6	1	2	2
PL.7570	PL.7648	B	6 A (CWC)	7.33Y	122.2	0.00	2.77	8.88	6	63	17	97	0.00	0.0	2.892	0.003	0	0	0	19
PD.1633	PL.7570	B	50L	7.33Y	122.2	0.00	2.77	8.88	18	63	17	97	0.00	0.0	2.892	0.003	0	0	0	19
PL.7571	PD.1633	B	6 A (CWC)	7.33Y	122.2	0.04	2.81	8.88	6	63	17	97	0.02	0.0	2.993	0.101	0	0	0	19
PL.7307	PL.7571	B	#1/0 ACSR	7.33Y	122.2	0.00	2.81	0.40	0	3	1	95	0.00	0.0	3.196	0.203	3	1	1	1
PL.7368	PL.7571	B	6 A (CWC)	7.32Y	122.0	0.15	2.96	8.48	6	60	16	97	0.07	0.1	3.377	0.384	2	1	2	18
PL.7308	PL.7368	B	#4 ACSR	7.32Y	122.0	0.00	2.96	1.19	1	8	2	97	0.00	0.0	3.421	0.044	8	2	3	3
PL.7309	PL.7308	B	#4 ACSR	7.32Y	122.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	3.508	0.087	0	0	0	0
PL.7369	PL.7368	B	6 A (CWC)	7.32Y	122.0	0.03	2.98	7.01	5	50	13	97	0.01	0.0	3.462	0.086	0	0	0	13
PL.7310	PL.7369	B	6 A (CWC)	7.32Y	122.0	0.00	2.98	0.25	0	2	0	100	0.00	0.0	3.525	0.062	2	0	1	1
PL.7370	PL.7369	B	6 A (CWC)	7.32Y	122.0	0.05	3.03	6.75	5	48	13	97	0.02	0.0	3.620	0.158	1	0	1	12
PL.7371	PL.7370	B	6 A (CWC)	7.32Y	121.9	0.03	3.06	6.39	5	45	12	97	0.01	0.0	3.720	0.100	0	0	1	10
PL.7372	PL.7371	B	6 A (CWC)	7.32Y	121.9	0.02	3.08	5.78	4	41	11	97	0.00	0.0	3.781	0.060	0	0	0	8
PL.7373	PL.7372	B	6 A (CWC)	7.31Y	121.9	0.02	3.09	5.56	4	39	10	97	0.00	0.0	3.843	0.062	0	0	0	7
PL.7479	PL.7373	B	#1/0 ACSR	7.31Y	121.9	0.00	3.09	2.27	1	16	4	97	0.00	0.0	3.874	0.031	5	1	1	2
PL.7480	PL.7479	B	#1/0 ACSR	7.31Y	121.9	0.00	3.09	1.54	1	11	3	96	0.00	0.0	3.921	0.047	11	3	1	1
PL.7315	PL.7373	B	#4 ACSR	7.31Y	121.9	0.01	3.10	3.28	3	23	6	97	0.00	0.0	3.934	0.091	0	0	0	5
PL.7483	PL.7315	B	#1/0 ACSR	7.31Y	121.9	0.01	3.11	2.36	1	17	4	97	0.00	0.0	4.055	0.121	2	0	1	3
PL.7484	PL.7483	B	#1/0 ACSR	7.31Y	121.9	0.00	3.11	2.13	1	15	4	97	0.00	0.0	4.131	0.076	5	1	1	2
PL.7485	PL.7484	B	#1/0 ACSR	7.31Y	121.9	0.00	3.11	1.36	1	10	3	96	0.00	0.0	4.201	0.070	10	3	1	1
PL.7481	PL.7315	B	#4 ACSR	7.31Y	121.9	0.00	3.11	0.92	1	6	2	95	0.00	0.0	4.038	0.104	6	2	2	2
PL.7482	PL.7481	B	#4 ACSR	7.31Y	121.9	0.00	3.11	0.00	0	0	0	100	0.00	0.0	4.075	0.038	0	0	0	0
PL.7313	PL.7372	B	#2 ACSR	7.32Y	121.9	0.00	3.08	0.22	0	2	0	100	0.00	0.0	3.810	0.029	2	0	1	1
PL.7312	PL.7371	B	#4 ACSR	7.32Y	121.9	0.00	3.06	0.57	0	4	1	97	0.00	0.0	3.756	0.036	4	1	1	1
PL.7311	PL.7370	B	#4 ACSR	7.32Y	122.0	0.00	3.03	0.17	0	1	0	100	0.00	0.0	3.678	0.058	1	0	1	1
PL.7740	PL.7363	C	#4 ACSR	7.35Y	122.6	0.00	2.43	4.59	4	33	9	96	0.00	0.0	2.272	0.005	0	0	0	8

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.1591	PL.7740	C	65T	7.35Y	122.6	0.00	2.43	4.59	0	33	9	96	0.00	0.0	2.272	0.005	0	0	0	8
PL.7741	PD.1591	C	#4 ACSR	7.35Y	122.6	0.02	2.45	4.59	4	33	9	96	0.00	0.0	2.375	0.103	5	1	2	8
PL.7557	PL.7741	C	#4 ACSR	7.35Y	122.5	0.02	2.47	3.86	3	27	7	97	0.00	0.0	2.504	0.129	0	0	0	6
PL.7367	PL.7557	C	#4 ACSR	7.35Y	122.5	0.01	2.48	2.53	2	18	5	96	0.00	0.0	2.559	0.055	0	0	0	5
PL.7304	PL.7367	C	#1/0 ACSR	7.35Y	122.5	0.01	2.49	2.53	1	18	5	96	0.00	0.0	2.762	0.204	0	0	0	5
PL.7428	PL.7304	C	#1/0 ACSR	7.35Y	122.5	0.01	2.50	2.53	1	18	5	96	0.00	0.0	2.912	0.150	0	0	0	5
PL.7306	PL.7428	C	#1/0 ACSR	7.35Y	122.5	0.00	2.50	1.33	1	9	2	98	0.00	0.0	2.970	0.058	9	2	3	3
PL.7638	PL.7428	C	#1/0 ACSR	7.35Y	122.5	0.00	2.50	1.20	1	9	2	98	0.00	0.0	2.938	0.026	0	0	1	2
PL.7639	PL.7638	C	#1/0 ACSR	7.35Y	122.5	0.00	2.50	1.20	1	9	2	98	0.00	0.0	3.030	0.092	9	2	1	1
PL.7303	PL.7557	C	#1/0 ACSR	7.35Y	122.5	0.00	2.47	1.32	1	9	2	98	0.00	0.0	2.581	0.078	9	2	1	1
PL.7444	PL.7579	C	#4 ACSR	7.36Y	122.7	0.00	2.26	7.70	6	55	14	97	0.00	0.0	2.027	0.004	0	0	0	13
PD.1592	PL.7444	C	65T	7.36Y	122.7	0.00	2.26	7.70	0	55	14	97	0.00	0.0	2.027	0.004	0	0	0	13
PL.7442	PD.1592	C	#4 ACSR	7.36Y	122.7	0.00	2.26	7.61	6	54	14	97	0.00	0.0	2.030	0.004	0	0	0	12
PL.7437	PL.7442	C	#4 ACSR	7.36Y	122.7	0.01	2.27	7.61	6	54	14	97	0.01	0.0	2.071	0.041	0	0	0	12
PL.7271	PL.7437	C	#4 ACSR	7.36Y	122.7	0.00	2.27	0.46	0	3	1	95	0.00	0.0	2.167	0.096	3	1	1	1
PL.7562	PL.7437	C	#4 ACSR	7.36Y	122.7	0.01	2.28	7.15	6	51	13	97	0.00	0.0	2.100	0.029	29	8	7	11
PL.7563	PL.7562	C	#4 ACSR	7.36Y	122.7	0.00	2.28	3.09	2	22	6	96	0.00	0.0	2.130	0.031	3	1	1	4
PL.7272	PL.7563	C	#4 ACSR	7.36Y	122.7	0.00	2.28	2.71	2	19	5	97	0.00	0.0	2.165	0.035	19	5	3	3
PL.7564	PD.1592	C	#4 ACSR	7.36Y	122.7	0.00	2.26	0.09	0	1	0	100	0.00	0.0	2.095	0.068	1	0	1	1
PL.10213	PL.7564	C	#4 ACSR	7.36Y	122.7	0.00	2.26	0.00	0	0	0	100	0.00	0.0	2.149	0.054	0	0	0	0
CP.13	PL.7578	ABC	Cap (300)	7.37Y	122.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	1.984	0.054	0	0	0	0
PL.7804	PL.7353	ABC	#4 ACSR	7.41Y	123.5	0.00	1.51	5.19	4	104	50	90	0.00	0.0	1.211	0.005	0	0	0	1
PD.1625	PL.7804	ABC	65T	7.41Y	123.5	0.00	1.51	5.19	0	104	50	90	0.00	0.0	1.211	0.005	0	0	0	1
PL.7805	PD.1625	ABC	#4 ACSR	7.41Y	123.5	0.00	1.51	5.19	4	104	50	90	0.00	0.0	1.219	0.008	104	50	1	1
PL.7266	PL.7805	ABC	#4 ACSR	7.41Y	123.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	1.222	0.003	0	0	0	0
PL.7788	PL.7349	ABC	#4 ACSR	7.44Y	124.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	0.834	0.005	0	0	0	0
PL.7756	PL.7262	C	#2 ACSR	7.44Y	124.1	0.00	0.95	0.29	0	2	1	89	0.00	0.0	0.755	0.004	0	0	0	2
PD.1600	PL.7756	C	65T	7.44Y	124.1	0.00	0.95	0.29	0	2	1	89	0.00	0.0	0.755	0.004	0	0	0	2
PL.7757	PD.1600	C	#2 ACSR	7.44Y	124.1	0.00	0.95	0.29	0	2	1	89	0.00	0.0	0.777	0.022	2	1	2	2
PL.7790	PL.7346	C	#4 ACSR	7.48Y	124.6	0.00	0.39	2.03	2	15	4	97	0.00	0.0	0.322	0.004	0	0	0	4
PD.1618	PL.7790	C	65T	7.48Y	124.6	0.00	0.39	2.03	0	15	4	97	0.00	0.0	0.322	0.004	0	0	0	4

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Balanced Voltage Drop Report
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Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7791	PD.1618	C	#4 ACSR	7.48Y	124.6	0.00	0.39	2.03	2	15	4	97	0.00	0.0	0.376	0.055	15	4	4	4
PL.9897	Fall Rock	ABC	397 SPACER	7.50Y	125.0	0.00	0.00	98.20	19	2122	617	96	0.01	0.0	0.005	0.005	0	0	0	495
PL.27879	PL.9897	ABC	397 SPACER	7.50Y	125.0	0.00	0.00	98.20	19	2122	617	96	0.01	0.0	0.010	0.005	0	0	0	495
---------- Feeder No. 2 (Greenbriar F2) Beginning with Device PD.3853 ----------																				
PD.3853	PL.27879	ABC	480VWE	7.50Y	125.0	0.00	0.00	98.20	0	2122	617	96	0.00	0.0	0.010	0.005	0	0	0	495
PL.9898	PD.3853	ABC	397 SPACER	7.50Y	125.0	0.03	0.04	98.20	19	2122	617	96	0.14	0.0	0.120	0.110	0	0	0	495
PL.8096	PL.9898	ABC	#3/0 ACSR	7.49Y	124.8	0.19	0.22	98.20	33	2121	616	96	2.40	0.1	0.269	0.148	4	1	4	495
PL.8097	PL.8096	ABC	#3/0 ACSR	7.48Y	124.7	0.10	0.32	98.04	33	2115	611	96	1.24	0.1	0.346	0.077	6	2	5	491
PL.8161	PL.8097	A	#4 ACSR	7.48Y	124.7	0.00	0.32	0.57	0	4	1	97	0.00	0.0	0.350	0.004	0	0	0	2
PD.1687	PL.8161	A	65T	7.48Y	124.7	0.00	0.32	0.57	0	4	1	97	0.00	0.0	0.350	0.004	0	0	0	2
PL.8162	PD.1687	A	#4 ACSR	7.48Y	124.7	0.00	0.32	0.57	0	4	1	97	0.00	0.0	0.395	0.046	0	0	1	2
PL.8098	PL.8162	A	#4 ACSR	7.48Y	124.7	0.00	0.32	0.55	0	4	1	97	0.00	0.0	0.429	0.034	4	1	1	1
PL.8099	PL.8097	C	6 A (CWC)	7.48Y	124.7	0.02	0.33	7.12	5	52	14	97	0.01	0.0	0.396	0.051	9	2	1	13
PL.8169	PL.8099	C	6 A (CWC)	7.48Y	124.7	0.00	0.33	5.86	4	42	11	97	0.00	0.0	0.400	0.004	0	0	0	12
PD.1692	PL.8169	C	65T	7.48Y	124.7	0.00	0.33	5.86	0	42	11	97	0.00	0.0	0.400	0.004	0	0	0	12
PL.8170	PD.1692	C	6 A (CWC)	7.48Y	124.7	0.01	0.34	5.86	4	42	11	97	0.00	0.0	0.426	0.025	2	1	2	12
PL.7840	PL.8170	C	#4 ACSR	7.48Y	124.7	0.00	0.35	3.04	2	22	6	96	0.00	0.0	0.464	0.038	2	0	1	7
PL.8093	PL.7840	C	#4 ACSR	7.48Y	124.6	0.01	0.35	2.82	2	20	5	97	0.00	0.0	0.561	0.097	10	3	3	6
PL.8094	PL.8093	C	#4 ACSR	7.48Y	124.6	0.00	0.36	1.39	1	10	3	96	0.00	0.0	0.624	0.063	6	1	1	3
PL.8095	PL.8094	C	#4 ACSR	7.48Y	124.6	0.00	0.36	0.62	0	4	1	97	0.00	0.0	0.690	0.065	4	1	2	2
PL.7839	PL.8170	C	#4 ACSR	7.48Y	124.7	0.00	0.34	2.54	2	18	5	96	0.00	0.0	0.493	0.067	18	5	3	3
PL.8091	PL.8097	ABC	#3/0 ACSR	7.48Y	124.6	0.09	0.41	95.21	32	2053	593	96	1.13	0.1	0.420	0.074	9	2	2	471
PL.8092	PL.8091	ABC	#3/0 ACSR	7.47Y	124.5	0.07	0.48	94.78	32	2042	589	96	0.84	0.0	0.476	0.056	13	3	2	469
PL.7983	PL.8092	ABC	#3/0 ACSR	7.47Y	124.4	0.08	0.56	93.20	31	2007	579	96	1.02	0.1	0.546	0.070	0	0	0	460
PL.7822	PL.7983	ABC	#3/0 ACSR	7.46Y	124.4	0.05	0.61	92.13	31	1983	571	96	0.62	0.0	0.589	0.044	0	0	0	456
PL.8171	PL.7822	A	6 A (CWC)	7.46Y	124.4	0.00	0.61	1.19	1	9	2	98	0.00	0.0	0.593	0.004	0	0	0	2
PD.1693	PL.8171	A	65T	7.46Y	124.4	0.00	0.61	1.19	0	9	2	98	0.00	0.0	0.593	0.004	0	0	0	2
PL.8172	PD.1693	A	6 A (CWC)	7.46Y	124.4	0.00	0.61	1.19	1	9	2	98	0.00	0.0	0.691	0.098	9	2	2	2
PL.7841	PL.7822	ABC	#3/0 ACSR	7.46Y	124.3	0.06	0.66	91.73	31	1974	568	96	0.67	0.0	0.637	0.047	0	0	0	454

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Balanced Voltage Drop Report
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Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8149	PL.7841	A	#2 ACSR	7.46Y	124.3	0.00	0.66	0.18	0	1	0	100	0.00	0.0	0.641	0.004	0	0	0	2
PD.1681	PL.8149	A	65T	7.46Y	124.3	0.00	0.66	0.18	0	1	0	100	0.00	0.0	0.641	0.004	0	0	0	2
PL.8150	PD.1681	A	#2 ACSR	7.46Y	124.3	0.00	0.66	0.18	0	1	0	100	0.00	0.0	0.688	0.048	1	0	2	2
PL.7984	PL.7841	ABC	#3/0 ACSR	7.45Y	124.2	0.11	0.77	91.67	31	1972	567	96	1.33	0.1	0.731	0.094	0	0	0	452
PL.8081	PL.7984	ABC	#3/0 ACSR	7.45Y	124.2	0.04	0.82	70.18	23	1506	443	96	0.39	0.0	0.778	0.048	4	1	3	359
PL.8082	PL.8081	ABC	#3/0 ACSR	7.45Y	124.1	0.08	0.90	70.02	23	1502	441	96	0.74	0.0	0.869	0.090	9	2	2	356
PL.7994	PL.8082	ABC	#3/0 ACSR	7.44Y	124.0	0.08	0.98	69.48	23	1489	437	96	0.75	0.1	0.961	0.092	0	0	0	352
PL.8083	PL.7994	ABC	#3/0 ACSR	7.44Y	124.0	0.07	1.04	68.60	23	1469	431	96	0.59	0.0	1.036	0.076	6	2	1	351
PL.8084	PL.8083	ABC	#3/0 ACSR	7.43Y	123.9	0.08	1.13	68.30	23	1463	428	96	0.74	0.1	1.131	0.095	15	4	2	350
PL.8076	PL.8084	ABC	#3/0 ACSR	7.43Y	123.8	0.04	1.16	58.50	19	1260	339	97	0.28	0.0	1.181	0.050	12	3	5	332
PL.8077	PL.8076	ABC	#3/0 ACSR	7.43Y	123.8	0.05	1.21	57.93	19	1247	335	97	0.38	0.0	1.249	0.068	0	0	0	327
PL.7995	PL.8077	ABC	#3/0 ACSR	7.42Y	123.7	0.07	1.28	57.93	19	1247	334	97	0.52	0.0	1.342	0.093	0	0	0	327
PL.7996	PL.7995	ABC	#3/0 ACSR	7.42Y	123.7	0.04	1.32	40.20	13	865	229	97	0.22	0.0	1.425	0.083	7	2	1	231
PL.8167	PL.7996	A	#2 ACSR	7.42Y	123.7	0.00	1.32	0.42	0	3	1	95	0.00	0.0	1.429	0.004	0	0	0	2
PD.1691	PL.8167	A	65T	7.42Y	123.7	0.00	1.32	0.42	0	3	1	95	0.00	0.0	1.429	0.004	0	0	0	2
PL.8168	PD.1691	A	#2 ACSR	7.42Y	123.7	0.00	1.32	0.42	0	3	1	95	0.00	0.0	1.441	0.012	3	1	2	2
PL.8074	PL.7996	ABC	#3/0 ACSR	7.42Y	123.6	0.04	1.37	39.73	13	855	226	97	0.23	0.0	1.514	0.089	5	1	1	228
PL.8075	PL.8074	ABC	#3/0 ACSR	7.42Y	123.6	0.04	1.41	39.49	13	850	225	97	0.23	0.0	1.602	0.088	0	0	0	227
PL.8016	PL.8075	ABC	#3/0 ACSR	7.41Y	123.6	0.04	1.45	37.82	13	813	215	97	0.20	0.0	1.687	0.085	12	3	2	217
PL.8044	PL.8016	ABC	#3/0 ACSR	7.41Y	123.5	0.01	1.46	37.28	12	802	211	97	0.07	0.0	1.719	0.032	1	0	1	215
PL.8045	PL.8044	ABC	#3/0 ACSR	7.41Y	123.5	0.03	1.49	37.23	12	801	211	97	0.13	0.0	1.776	0.058	5	1	3	214
PL.7831	PL.8045	ABC	#3/0 ACSR	7.41Y	123.5	0.02	1.51	34.92	12	751	198	97	0.10	0.0	1.828	0.051	7	2	4	202
PL.7832	PL.7831	ABC	#3/0 ACSR	7.41Y	123.5	0.02	1.54	31.12	10	669	176	97	0.10	0.0	1.890	0.063	0	0	0	184
PL.8203	PL.7832	C	6 A (CWC)	7.41Y	123.5	0.00	1.54	0.55	0	4	1	97	0.00	0.0	1.894	0.004	0	0	0	1
PD.1710	PL.8203	C	65T	7.41Y	123.5	0.00	1.54	0.55	0	4	1	97	0.00	0.0	1.894	0.004	0	0	0	1
PL.8204	PD.1710	C	6 A (CWC)	7.41Y	123.5	0.00	1.54	0.55	0	4	1	97	0.00	0.0	1.923	0.028	4	1	1	1
PL.8019	PL.7832	ABC	#3/0 ACSR	7.41Y	123.4	0.02	1.56	30.94	10	665	175	97	0.08	0.0	1.941	0.051	0	0	0	183
PL.8207	PL.8019	ABC	#3/0 ACSR	7.41Y	123.4	0.00	1.56	30.94	10	665	175	97	0.01	0.0	1.946	0.005	0	0	0	183
PD.1713-A	PL.8207	ABC	Closed	7.41Y	123.4	0.00	1.56	30.94	0	665	175	97	0.00	0.0	1.946	0.005	0	0	0	183
PD.1713-B	PD.1713-A	ABC	Closed	7.41Y	123.4	0.00	1.56	30.94	0	665	175	97	0.00	0.0	1.946	0.005	0	0	0	183
PL.8208	PD.1713-B	ABC	#3/0 ACSR	7.40Y	123.4	0.02	1.58	30.94	10	665	175	97	0.10	0.0	2.010	0.064	3	1	2	183

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8181	PL.8208	C	#4 ACSR	7.40Y	123.4	0.00	1.58	1.95	2	14	4	96	0.00	0.0	2.015	0.005	0	0	0	6
PD.1698	PL.8181	C	65T	7.40Y	123.4	0.00	1.58	1.95	0	14	4	96	0.00	0.0	2.015	0.005	0	0	0	6
PL.8182	PD.1698	C	#4 ACSR	7.40Y	123.4	0.00	1.58	1.95	2	14	4	96	0.00	0.0	2.029	0.014	10	3	4	6
PL.8040	PL.8182	C	#4 ACSR	7.40Y	123.4	0.00	1.58	0.51	0	4	1	97	0.00	0.0	2.056	0.027	4	1	2	2
PL.8020	PL.8208	ABC	#3/0 ACSR	7.40Y	123.4	0.01	1.59	30.16	10	648	170	97	0.04	0.0	2.036	0.026	0	0	0	175
PL.8183	PL.8020	A	6 A (CWC)	7.40Y	123.4	0.00	1.59	2.56	2	18	5	96	0.00	0.0	2.041	0.005	0	0	0	3
PD.1699	PL.8183	A	65T	7.40Y	123.4	0.00	1.59	2.56	0	18	5	96	0.00	0.0	2.041	0.005	0	0	0	3
PL.8184	PD.1699	A	6 A (CWC)	7.40Y	123.4	0.00	1.60	2.56	2	18	5	96	0.00	0.0	2.101	0.060	18	5	2	3
PL.7857	PL.8184	A	#4 ACSR	7.40Y	123.4	0.00	1.60	0.11	0	1	0	100	0.00	0.0	2.111	0.010	0	0	0	1
PL.7858	PL.7857	A	#4 ACSR	7.40Y	123.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	2.212	0.101	0	0	0	0
PL.7859	PL.7857	A	#2 ACSR	7.40Y	123.4	0.00	1.60	0.11	0	1	0	100	0.00	0.0	2.169	0.058	1	0	1	1
PL.7813	PL.8020	ABC	#3/0 ACSR	7.40Y	123.4	0.03	1.62	26.70	9	574	151	97	0.10	0.0	2.125	0.089	9	2	5	162
PL.7856	PL.7813	ABC	#3/0 ACSR	7.40Y	123.4	0.02	1.64	26.29	9	565	148	97	0.07	0.0	2.183	0.058	8	2	1	157
PL.8036	PL.7856	ABC	#3/0 ACSR	7.40Y	123.3	0.03	1.68	24.08	8	517	136	97	0.11	0.0	2.298	0.114	4	1	1	139
PL.8037	PL.8036	ABC	#3/0 ACSR	7.40Y	123.3	0.01	1.68	23.90	8	513	135	97	0.02	0.0	2.315	0.017	1	0	1	138
PL.8035	PL.8037	ABC	#3/0 ACSR	7.40Y	123.3	0.01	1.69	23.85	8	512	134	97	0.02	0.0	2.336	0.021	3	1	1	137
PL.8185	PL.8035	A	6 A (CWC)	7.40Y	123.3	0.00	1.69	3.59	3	26	7	97	0.00	0.0	2.340	0.004	0	0	0	5
PD.1700	PL.8185	A	65T	7.40Y	123.3	0.00	1.69	3.59	0	26	7	97	0.00	0.0	2.340	0.004	0	0	0	5
PL.8186	PD.1700	A	6 A (CWC)	7.40Y	123.3	0.01	1.69	3.59	3	26	7	97	0.00	0.0	2.383	0.043	3	1	1	5
PL.7865	PL.8186	A	#4 ACSR	7.40Y	123.3	0.00	1.70	3.15	2	23	6	97	0.00	0.0	2.426	0.044	23	6	4	4
PL.8141	PL.8035	C	6 A (CWC)	7.40Y	123.3	0.00	1.69	2.94	2	21	6	96	0.00	0.0	2.340	0.004	0	0	0	5
PD.1676	PL.8141	C	65T	7.40Y	123.3	0.00	1.69	2.94	0	21	6	96	0.00	0.0	2.340	0.004	0	0	0	5
PL.8142	PD.1676	C	6 A (CWC)	7.40Y	123.3	0.01	1.70	2.94	2	21	6	96	0.00	0.0	2.418	0.077	0	0	0	5
PL.7866	PL.8142	C	#1/0 ACSR	7.40Y	123.3	0.00	1.70	0.49	0	4	1	97	0.00	0.0	2.494	0.076	4	1	1	1
PL.7864	PL.8142	C	#4 ACSR	7.40Y	123.3	0.00	1.70	2.45	2	18	5	96	0.00	0.0	2.474	0.056	18	5	4	4
PL.7815	PL.8035	ABC	#3/0 ACSR	7.40Y	123.3	0.02	1.71	21.55	7	463	121	97	0.07	0.0	2.425	0.088	22	6	6	126
PL.8137	PL.7815	C	6 A (CWC)	7.40Y	123.3	0.00	1.71	3.85	3	28	7	97	0.00	0.0	2.429	0.005	0	0	0	3
PD.1674	PL.8137	C	65T	7.40Y	123.3	0.00	1.71	3.85	0	28	7	97	0.00	0.0	2.429	0.005	0	0	0	3
PL.8138	PD.1674	C	6 A (CWC)	7.40Y	123.3	0.00	1.71	3.85	3	28	7	97	0.00	0.0	2.435	0.006	28	7	3	3
PL.8213	PL.7815	ABC	#3/0 ACSR	7.40Y	123.3	0.02	1.73	19.25	6	413	108	97	0.05	0.0	2.501	0.077	0	0	0	117
PL.8214	PL.8213	ABC	#3/0 ACSR	7.40Y	123.3	0.01	1.73	19.25	6	413	108	97	0.01	0.0	2.524	0.023	0	0	0	117

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8187	PL.8214	B	#2 ACSR	7.40Y	123.3	0.00	1.74	17.27	10	124	32	97	0.00	0.0	2.528	0.004	0	0	0	27
PD.1701	PL.8187	B	65T	7.40Y	123.3	0.00	1.74	17.27	0	124	32	97	0.00	0.0	2.528	0.004	0	0	0	27
PL.8188	PD.1701	B	#2 ACSR	7.39Y	123.2	0.03	1.76	17.27	10	124	32	97	0.02	0.0	2.582	0.054	27	7	3	27
PL.8021	PL.8188	B	#2 ACSR	7.39Y	123.2	0.02	1.78	13.43	8	96	25	97	0.01	0.0	2.633	0.051	0	0	0	24
PL.7869	PL.8021	B	#2 ACSR	7.39Y	123.2	0.02	1.80	13.43	8	96	25	97	0.01	0.0	2.684	0.051	9	2	3	24
PL.7867	PL.7869	B	#4 ACSR	7.39Y	123.2	0.01	1.82	12.11	9	87	23	97	0.01	0.0	2.707	0.023	4	1	1	21
PL.7868	PL.7867	B	6 A (CWC)	7.39Y	123.2	0.03	1.85	9.41	7	67	18	97	0.02	0.0	2.792	0.085	15	4	3	17
PL.8046	PL.7868	B	6 A (CWC)	7.39Y	123.1	0.01	1.86	4.44	3	32	8	97	0.00	0.0	2.829	0.037	0	0	0	10
PL.8047	PL.8046	B	6 A (CWC)	7.39Y	123.1	0.01	1.86	4.44	3	32	8	97	0.00	0.0	2.863	0.034	7	2	4	10
PL.7872	PL.8047	B	#2 ACSR	7.39Y	123.1	0.00	1.86	1.49	1	11	3	96	0.00	0.0	2.909	0.046	11	3	2	2
PL.7873	PL.8047	B	6 A (CWC)	7.39Y	123.1	0.00	1.87	1.95	1	14	4	96	0.00	0.0	2.938	0.076	14	4	4	4
PL.7871	PL.7868	B	#4 ACSR	7.39Y	123.1	0.00	1.85	2.90	2	21	5	97	0.00	0.0	2.840	0.048	21	5	4	4
PL.7870	PL.7867	B	#4 ACSR	7.39Y	123.2	0.00	1.82	2.13	2	15	4	97	0.00	0.0	2.747	0.040	15	4	3	3
PL.8189	PL.8214	A	#4 ACSR	7.40Y	123.3	0.00	1.73	0.35	0	2	1	89	0.00	0.0	2.528	0.005	0	0	0	3
PD.1702	PL.8189	A	65T	7.40Y	123.3	0.00	1.73	0.35	0	2	1	89	0.00	0.0	2.528	0.005	0	0	0	3
PL.8190	PD.1702	A	#4 ACSR	7.40Y	123.3	0.00	1.73	0.35	0	2	1	89	0.00	0.0	2.534	0.005	0	0	0	3
PL.7875	PL.8190	A	#4 ACSR	7.40Y	123.3	0.00	1.73	0.35	0	2	1	89	0.00	0.0	2.551	0.017	2	1	3	3
PL.8029	PL.8214	ABC	#3/0 ACSR	7.40Y	123.3	0.01	1.74	13.38	4	287	75	97	0.01	0.0	2.556	0.032	3	1	2	87
PL.8030	PL.8029	ABC	#3/0 ACSR	7.40Y	123.3	0.01	1.75	13.23	4	284	74	97	0.02	0.0	2.612	0.056	29	8	7	85
PL.7876	PL.8030	ABC	#3/0 ACSR	7.39Y	123.2	0.00	1.75	11.86	4	255	67	97	0.01	0.0	2.640	0.028	6	2	2	78
PL.8191	PL.7876	C	6 A (CWC)	7.39Y	123.2	0.00	1.75	8.35	6	60	16	97	0.00	0.0	2.644	0.004	0	0	0	16
PD.1703	PL.8191	C	65T	7.39Y	123.2	0.00	1.75	8.35	0	60	16	97	0.00	0.0	2.644	0.004	0	0	0	16
PL.8192	PD.1703	C	6 A (CWC)	7.39Y	123.2	0.00	1.75	8.35	6	60	16	97	0.00	0.0	2.647	0.004	1	0	2	16
PL.8028	PL.8192	C	6 A (CWC)	7.39Y	123.2	0.01	1.76	8.15	6	58	15	97	0.00	0.0	2.674	0.027	10	3	1	14
PL.7877	PL.8028	C	6 A (CWC)	7.39Y	123.2	0.02	1.78	6.74	5	48	13	97	0.01	0.0	2.731	0.056	0	0	0	13
PL.7816	PL.7877	C	6 A (CWC)	7.39Y	123.2	0.01	1.79	3.23	2	23	6	97	0.00	0.0	2.788	0.057	5	1	2	5
PL.7879	PL.7816	C	6 A (CWC)	7.39Y	123.2	0.00	1.79	2.52	2	18	5	96	0.00	0.0	2.833	0.045	2	0	1	3
PL.7880	PL.7879	C	#4 ACSR	7.39Y	123.2	0.00	1.79	1.26	1	9	2	98	0.00	0.0	2.868	0.035	9	2	1	1
PL.7817	PL.7879	C	6 A (CWC)	7.39Y	123.2	0.00	1.80	0.99	1	7	2	96	0.00	0.0	2.891	0.059	0	0	0	1
PL.7881	PL.7817	C	#2 ACSR	7.39Y	123.2	0.00	1.80	0.99	1	7	2	96	0.00	0.0	2.957	0.065	7	2	1	1
PL.8032	PL.7877	C	#4 ACSR	7.39Y	123.2	0.00	1.78	3.04	2	22	6	96	0.00	0.0	2.747	0.016	11	3	2	6

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8033	PL.8032	C	#4 ACSR	7.39Y	123.2	0.00	1.78	1.45	1	10	3	96	0.00	0.0	2.788	0.041	8	2	3	4
PL.8031	PL.8033	C	#4 ACSR	7.39Y	123.2	0.00	1.78	0.28	0	2	1	89	0.00	0.0	2.828	0.039	2	1	1	1
PL.7874	PL.7877	C	#4 ACSR	7.39Y	123.2	0.00	1.78	0.47	0	3	1	95	0.00	0.0	2.754	0.023	2	1	1	2
PL.7878	PL.7874	C	#4 ACSR	7.39Y	123.2	0.00	1.78	0.20	0	1	0	100	0.00	0.0	2.789	0.035	1	0	1	1
PL.7818	PL.7876	ABC	#3/0 ACSR	7.39Y	123.2	0.01	1.76	8.81	3	189	50	97	0.01	0.0	2.697	0.057	10	3	4	60
PL.7882	PL.7818	ABC	#3/0 ACSR	7.39Y	123.2	0.01	1.77	7.49	2	161	42	97	0.01	0.0	2.775	0.077	6	1	2	49
PL.7819	PL.7882	ABC	#3/0 ACSR	7.39Y	123.2	0.00	1.77	5.52	2	119	31	97	0.00	0.0	2.822	0.047	14	4	4	36
PL.7884	PL.7819	ABC	#3/0 ACSR	7.39Y	123.2	0.00	1.77	4.87	2	105	27	97	0.00	0.0	2.861	0.039	6	2	2	32
PL.7886	PL.7884	A	6 A (CWC)	7.39Y	123.2	0.00	1.77	5.57	4	40	10	97	0.00	0.0	2.865	0.004	0	0	0	6
PD.1709	PL.7886	A	65T	7.39Y	123.2	0.00	1.77	5.57	0	40	10	97	0.00	0.0	2.865	0.004	0	0	0	6
PL.8025	PD.1709	A	6 A (CWC)	7.39Y	123.2	0.01	1.78	5.20	4	37	10	97	0.00	0.0	2.903	0.038	25	7	3	5
PL.8026	PL.8025	A	6 A (CWC)	7.39Y	123.2	0.00	1.78	1.67	1	12	3	97	0.00	0.0	2.936	0.034	5	1	1	2
PL.8027	PL.8026	A	6 A (CWC)	7.39Y	123.2	0.00	1.78	0.95	1	7	2	96	0.00	0.0	2.974	0.038	7	2	1	1
PL.7837	PD.1709	A	#4 ACSR	7.39Y	123.2	0.00	1.77	0.37	0	3	1	95	0.00	0.0	2.870	0.005	0	0	0	1
PL.7887	PL.7837	A	#4 ACSR	7.39Y	123.2	0.00	1.77	0.37	0	3	1	95	0.00	0.0	2.875	0.005	3	1	1	1
PL.8023	PL.7884	ABC	#3/0 ACSR	7.39Y	123.2	0.00	1.77	2.74	1	59	15	97	0.00	0.0	2.924	0.064	7	2	5	24
PL.8024	PL.8023	ABC	#3/0 ACSR	7.39Y	123.2	0.00	1.77	2.42	1	52	14	97	0.00	0.0	2.970	0.045	8	2	2	19
PL.7888	PL.8024	ABC	#3/0 ACSR	7.39Y	123.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	3.001	0.031	0	0	0	0
PL.6804	PL.7888	ABC	336 MCM AC	7.39Y	123.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	3.005	0.005	0	0	0	0
PD.1440-B	PL.6804	ABC	Open	7.39Y	123.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	3.005	0.005	0	0	0	0
PL.8133	PL.8024	A	#4 ACSR	7.39Y	123.2	0.00	1.78	6.14	5	44	12	96	0.00	0.0	2.974	0.004	0	0	0	17
PD.1672	PL.8133	A	20T	7.39Y	123.2	0.00	1.78	6.14	0	44	12	96	0.00	0.0	2.974	0.004	0	0	0	17
PL.8134	PD.1672	A	#4 ACSR	7.39Y	123.2	0.01	1.78	6.14	5	44	12	96	0.00	0.0	3.012	0.038	7	2	4	17
PL.8022	PL.8134	A	#4 ACSR	7.39Y	123.2	0.01	1.79	5.10	4	36	10	96	0.00	0.0	3.048	0.037	0	0	0	13
PL.7892	PL.8022	A	#4 ACSR	7.39Y	123.2	0.00	1.80	2.42	2	17	5	96	0.00	0.0	3.093	0.045	13	3	2	3
PL.7890	PL.7892	A	#4 ACSR	7.39Y	123.2	0.00	1.80	0.67	1	5	1	98	0.00	0.0	3.149	0.057	5	1	1	1
PL.8195	PL.7890	A	#2 ACSR	7.39Y	123.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	3.154	0.004	0	0	0	0
PD.1705	PL.8195	A	40T	7.39Y	123.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	3.154	0.004	0	0	0	0
PL.8196	PD.1705	A	#2 ACSR	7.39Y	123.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	3.187	0.033	0	0	0	0
PL.7889	PL.8022	A	#4 ACSR	7.39Y	123.2	0.00	1.79	2.67	2	19	5	97	0.00	0.0	3.070	0.022	12	3	2	10
PL.7893	PL.7889	A	#4 ACSR	7.39Y	123.2	0.00	1.80	0.56	0	4	1	97	0.00	0.0	3.139	0.069	4	1	7	7

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7891	PL.7889	A	#4 ACSR	7.39Y	123.2	0.00	1.80	0.39	0	3	1	95	0.00	0.0	3.119	0.049	3	1	1	1
PL.8135	PL.7882	A	6 A (CWC)	7.39Y	123.2	0.00	1.77	5.14	4	37	10	97	0.00	0.0	2.779	0.005	0	0	0	11
PD.1673	PL.8135	A	65T	7.39Y	123.2	0.00	1.77	5.14	0	37	10	97	0.00	0.0	2.779	0.005	0	0	0	11
PL.8136	PD.1673	A	6 A (CWC)	7.39Y	123.2	0.01	1.77	5.14	4	37	10	97	0.00	0.0	2.805	0.025	10	3	4	11
PL.7820	PL.8136	A	6 A (CWC)	7.39Y	123.2	0.00	1.78	3.00	2	21	6	96	0.00	0.0	2.856	0.052	14	4	2	4
PL.7885	PL.7820	A	#4 ACSR	7.39Y	123.2	0.00	1.78	1.04	1	7	2	96	0.00	0.0	2.898	0.041	3	1	1	2
PL.10218	PL.7885	A	#1/0 ACSR	7.39Y	123.2	0.00	1.78	0.60	0	4	1	97	0.00	0.0	2.904	0.007	0	0	0	1
PL.10219	PL.10218	A	#1/0 ACSR	7.39Y	123.2	0.00	1.78	0.60	0	4	1	97	0.00	0.0	2.952	0.048	4	1	1	1
PL.7883	PL.8136	A	#4 ACSR	7.39Y	123.2	0.00	1.77	0.77	1	5	1	98	0.00	0.0	2.842	0.037	5	1	3	3
PL.8193	PL.7818	C	6 A (CWC)	7.39Y	123.2	0.00	1.76	0.79	1	6	1	99	0.00	0.0	2.701	0.004	0	0	0	5
PD.1704	PL.8193	C	65T	7.39Y	123.2	0.00	1.76	0.79	0	6	1	99	0.00	0.0	2.701	0.004	0	0	0	5
PL.8194	PD.1704	C	6 A (CWC)	7.39Y	123.2	0.00	1.76	0.79	1	6	1	99	0.00	0.0	2.745	0.044	6	1	5	5
PL.25736	PL.7818	B	#1/0 ACSR	7.39Y	123.2	0.00	1.76	1.72	1	12	3	97	0.00	0.0	2.700	0.002	0	0	0	2
PD.3632	PL.25736	B	65T	7.39Y	123.2	0.00	1.76	1.72	0	12	3	97	0.00	0.0	2.700	0.002	0	0	0	2
PL.25737	PD.3632	B	#1/0 ACSR	7.39Y	123.2	0.00	1.76	1.72	1	12	3	97	0.00	0.0	2.723	0.023	12	3	2	2
CP.14	PL.8213	ABC	Cap (300)	7.40Y	123.3	0.00	1.73	0.00	0	0	0	100	0.00	0.0	2.501	0.023	0	0	0	0
PL.7863	PL.7856	C	#4 ACSR	7.40Y	123.4	0.00	1.64	5.47	4	39	10	97	0.00	0.0	2.187	0.004	0	0	0	17
PD.1690	PL.7863	C	65T	7.40Y	123.4	0.00	1.64	5.47	0	39	10	97	0.00	0.0	2.187	0.004	0	0	0	17
PL.7835	PD.1690	C	#4 ACSR	7.40Y	123.4	0.00	1.64	1.65	1	12	3	97	0.00	0.0	2.190	0.003	0	0	0	6
PL.7981	PL.7835	C	#4 ACSR	7.40Y	123.4	0.00	1.64	1.65	1	12	3	97	0.00	0.0	2.224	0.034	10	3	4	6
PL.7982	PL.7981	C	#4 ACSR	7.40Y	123.4	0.00	1.64	0.27	0	2	1	89	0.00	0.0	2.304	0.080	2	1	2	2
PL.8038	PD.1690	C	#4 ACSR	7.40Y	123.4	0.00	1.64	1.76	1	13	3	97	0.00	0.0	2.195	0.008	9	2	1	3
PL.8039	PL.8038	C	#4 ACSR	7.40Y	123.4	0.00	1.64	0.46	0	3	1	95	0.00	0.0	2.250	0.055	3	1	2	2
PL.7833	PD.1690	C	#4 ACSR	7.40Y	123.4	0.00	1.64	2.06	2	15	4	97	0.00	0.0	2.190	0.003	0	0	0	8
PL.7980	PL.7833	C	#4 ACSR	7.40Y	123.4	0.00	1.64	2.06	2	15	4	97	0.00	0.0	2.198	0.007	0	0	0	8
PL.7860	PL.7980	C	#4 ACSR	7.40Y	123.4	0.00	1.65	2.06	2	15	4	97	0.00	0.0	2.250	0.052	15	4	8	8
PL.8139	PL.8020	C	6 A (CWC)	7.40Y	123.4	0.00	1.59	7.80	6	56	15	97	0.00	0.0	2.041	0.005	0	0	0	10
PD.1675	PL.8139	C	65T	7.40Y	123.4	0.00	1.59	7.80	0	56	15	97	0.00	0.0	2.041	0.005	0	0	0	10
PL.8140	PD.1675	C	6 A (CWC)	7.40Y	123.4	0.00	1.60	7.80	6	56	15	97	0.00	0.0	2.047	0.006	4	1	2	10
PL.8034	PL.8140	C	6 A (CWC)	7.40Y	123.4	0.01	1.61	7.21	5	52	14	97	0.00	0.0	2.098	0.051	34	9	6	8
PL.7855	PL.8034	C	#4 ACSR	7.40Y	123.4	0.00	1.61	2.43	2	17	5	96	0.00	0.0	2.115	0.018	0	0	0	2

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7861	PL.7855	C	#4 ACSR	7.40Y	123.4	0.00	1.61	0.26	0	2	0	100	0.00	0.0	2.166	0.050	2	0	1	1
PL.7862	PL.7855	C	#1/0 ACSR	7.40Y	123.4	0.00	1.61	2.17	1	16	4	97	0.00	0.0	2.153	0.037	16	4	1	1
PL.8179	PL.7831	C	6 A (CWC)	7.41Y	123.5	0.00	1.51	10.43	7	75	20	97	0.00	0.0	1.832	0.005	0	0	0	14
PD.1697	PL.8179	C	65T	7.41Y	123.5	0.00	1.51	10.43	0	75	20	97	0.00	0.0	1.832	0.005	0	0	0	14
PL.8180	PD.1697	C	6 A (CWC)	7.41Y	123.5	0.03	1.55	10.43	7	75	20	97	0.02	0.0	1.903	0.071	8	2	2	14
PL.8041	PL.8180	C	6 A (CWC)	7.41Y	123.4	0.01	1.56	9.28	7	66	17	97	0.01	0.0	1.936	0.033	0	0	0	12
PL.8018	PL.8041	C	6 A (CWC)	7.41Y	123.4	0.00	1.57	1.84	1	13	3	97	0.00	0.0	1.998	0.062	1	0	1	4
PL.7854	PL.8018	C	#4 ACSR	7.41Y	123.4	0.00	1.57	1.49	1	11	3	96	0.00	0.0	2.027	0.029	11	3	2	2
PL.7851	PL.8018	C	6 A (CWC)	7.41Y	123.4	0.00	1.57	0.18	0	1	0	100	0.00	0.0	2.051	0.053	1	0	1	1
PL.7852	PL.8041	C	#4 ACSR	7.40Y	123.4	0.04	1.60	7.44	6	53	14	97	0.01	0.0	2.061	0.126	13	3	1	8
PL.7853	PL.7852	C	#4 ACSR	7.40Y	123.4	0.01	1.61	5.59	4	40	10	97	0.00	0.0	2.096	0.035	0	0	1	7
PL.7974	PL.7853	C	#4 ACSR	7.40Y	123.4	0.01	1.61	5.59	4	40	10	97	0.00	0.0	2.126	0.030	0	0	0	6
PL.7814	PL.7974	C	#4 ACSR	7.40Y	123.4	0.00	1.61	1.07	1	8	2	97	0.00	0.0	2.176	0.049	8	2	1	1
PL.8129	PL.7974	C	#4 ACSR	7.40Y	123.4	0.00	1.62	4.52	3	32	8	97	0.00	0.0	2.155	0.029	15	4	2	5
PL.8130	PL.8129	C	#4 ACSR	7.40Y	123.4	0.00	1.62	2.44	2	17	5	96	0.00	0.0	2.177	0.022	6	2	1	3
PL.7976	PL.8130	C	#4 ACSR	7.40Y	123.4	0.00	1.62	0.64	0	5	1	98	0.00	0.0	2.255	0.078	5	1	1	1
PL.7975	PL.8130	C	#4 ACSR	7.40Y	123.4	0.00	1.62	0.96	1	7	2	96	0.00	0.0	2.200	0.023	7	2	1	1
PL.7849	PL.8045	ABC	#1/0 ACSR	7.41Y	123.5	0.00	1.49	1.57	1	34	9	97	0.00	0.0	1.781	0.005	0	0	0	7
PD.1712	PL.7849	ABC	65T	7.41Y	123.5	0.00	1.49	1.57	0	34	9	97	0.00	0.0	1.781	0.005	0	0	0	7
PL.8042	PD.1712	ABC	#1/0 ACSR	7.41Y	123.5	0.00	1.49	1.57	1	34	9	97	0.00	0.0	1.840	0.059	11	3	3	7
PL.8043	PL.8042	ABC	#1/0 ACSR	7.41Y	123.5	0.00	1.49	1.05	0	23	6	97	0.00	0.0	1.928	0.088	0	0	0	4
PL.8175	PL.8043	A	#4 ACSR	7.41Y	123.5	0.00	1.49	3.15	2	23	6	97	0.00	0.0	1.936	0.008	0	0	0	3
PD.1695	PL.8175	A	65T	7.41Y	123.5	0.00	1.49	3.15	0	23	6	97	0.00	0.0	1.936	0.008	0	0	0	3
PL.8176	PD.1695	A	#4 ACSR	7.41Y	123.5	0.00	1.50	3.15	2	23	6	97	0.00	0.0	1.973	0.037	23	6	3	3
PL.7850	PL.8043	ABC	#1/0 ACSR	7.41Y	123.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	1.971	0.043	0	0	1	1
PL.8177	PL.8045	C	#4 ACSR	7.41Y	123.5	0.00	1.49	1.47	1	11	3	96	0.00	0.0	1.780	0.004	0	0	0	2
PD.1696	PL.8177	C	65T	7.41Y	123.5	0.00	1.49	1.47	0	11	3	96	0.00	0.0	1.780	0.004	0	0	0	2
PL.8178	PD.1696	C	#4 ACSR	7.41Y	123.5	0.00	1.49	1.47	1	11	3	96	0.00	0.0	1.814	0.033	11	3	2	2
PL.8143	PL.8075	A	6 A (CWC)	7.42Y	123.6	0.00	1.41	5.02	4	36	9	97	0.00	0.0	1.607	0.005	0	0	0	10
PD.1677	PL.8143	A	65T	7.42Y	123.6	0.00	1.41	5.02	0	36	9	97	0.00	0.0	1.607	0.005	0	0	0	10
PL.8144	PD.1677	A	6 A (CWC)	7.41Y	123.6	0.01	1.42	5.02	4	36	9	97	0.00	0.0	1.644	0.037	0	0	0	10

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
PL.7848	PL.8144	A	6 A (CWC)	7.41Y	123.6	0.00	1.42	3.36	2	24	6	97	0.00	0.0	1.677	0.033	24	6	7	7	
PL.8017	PL.8144	A	6 A (CWC)	7.41Y	123.6	0.00	1.42	1.65	1	12	3	97	0.00	0.0	1.698	0.054	12	3	3	3	
PL.8209	PL.7995	C	#1/0 ACSR	7.42Y	123.7	0.00	1.28	53.19	23	381	104	96	0.01	0.0	1.344	0.003	0	0	0	96	
C PD.1714	PL.8209	C	70L	7.42Y	123.7	0.00	1.28	53.19	76	381	104	96	0.00	0.0	1.344	0.003	0	0	0	96	C
PL.8210	PD.1714	C	#1/0 ACSR	7.42Y	123.6	0.09	1.37	53.19	23	381	104	96	0.22	0.1	1.416	0.072	0	0	0	96	
PL.10146	PL.8210	C	#1/0 ACSR	7.42Y	123.6	0.01	1.38	53.19	23	381	104	96	0.01	0.0	1.421	0.004	0	0	0	96	
RG.13	PL.10146	C	76.2 KVA	7.46Y	124.4	-0.78	0.60	53.19	53	381	104	96	percent Boost= 0.00			Tap= 0.0				96	
PL.8216	RG.13	C	#1/0 ACSR	7.46Y	124.4	0.01	0.61	52.86	23	381	104	96	0.03	0.0	1.429	0.009	3	1	2	96	
PL.7917	PL.8216	C	#1/0 ACSR	7.46Y	124.4	0.01	0.62	52.47	23	378	103	96	0.03	0.0	1.441	0.011	0	0	0	94	
PL.7997	PL.7917	C	#1/0 ACSR	7.46Y	124.4	0.00	0.62	0.25	0	2	0	100	0.00	0.0	1.475	0.034	2	0	2	2	
PL.8078	PL.7917	C	#1/0 ACSR	7.46Y	124.3	0.08	0.71	52.22	23	376	103	96	0.20	0.1	1.510	0.069	1	0	1	92	
PL.8085	PL.8078	C	#1/0 ACSR	7.45Y	124.2	0.13	0.84	52.15	23	375	102	96	0.31	0.1	1.618	0.108	8	2	1	91	
PL.8086	PL.8085	C	#1/0 ACSR	7.44Y	124.0	0.13	0.96	50.97	22	366	100	96	0.30	0.1	1.725	0.107	2	1	2	90	
PL.8087	PL.8086	C	#1/0 ACSR	7.44Y	123.9	0.09	1.05	50.70	22	364	99	96	0.21	0.1	1.801	0.076	2	1	1	88	
PL.7998	PL.8087	C	#1/0 ACSR	7.43Y	123.9	0.09	1.14	49.24	21	353	96	96	0.20	0.1	1.877	0.076	0	0	0	86	
PL.7919	PL.7998	C	#1/0 ACSR	7.43Y	123.8	0.04	1.18	49.24	21	353	96	96	0.09	0.0	1.913	0.036	0	0	0	86	
PL.7999	PL.7919	C	#1/0 ACSR	7.42Y	123.6	0.21	1.39	49.24	21	353	96	96	0.49	0.1	2.100	0.187	0	0	0	86	
PL.8089	PL.7999	C	#1/0 ACSR	7.41Y	123.6	0.04	1.43	49.24	21	353	95	97	0.10	0.0	2.138	0.038	0	0	0	86	
PL.7920	PL.8089	C	#1/0 ACSR	7.41Y	123.6	0.00	1.43	0.83	0	6	2	95	0.00	0.0	2.183	0.045	6	2	1	1	
PL.7921	PL.8089	C	#1/0 ACSR	7.41Y	123.6	0.00	1.44	0.81	0	6	2	95	0.00	0.0	2.245	0.107	6	2	1	1	
PL.8000	PL.8089	C	#1/0 ACSR	7.40Y	123.4	0.18	1.61	47.59	21	341	92	97	0.40	0.1	2.302	0.164	0	0	0	84	
PL.8001	PL.8000	C	#1/0 ACSR	7.39Y	123.2	0.15	1.76	46.89	20	335	90	97	0.32	0.1	2.440	0.138	9	2	1	83	
PL.8090	PL.8001	C	#1/0 ACSR	7.39Y	123.2	0.04	1.80	45.61	20	326	87	97	0.08	0.0	2.476	0.035	0	0	0	82	
PL.8114	PL.8090	C	#1/0 ACSR	7.39Y	123.1	0.09	1.89	45.61	20	326	87	97	0.19	0.1	2.560	0.085	0	0	0	82	
PL.8115	PL.8114	C	#1/0 ACSR	7.38Y	123.1	0.05	1.94	45.61	20	326	87	97	0.11	0.0	2.609	0.049	0	0	1	82	
PL.8116	PL.8115	C	#1/0 ACSR	7.38Y	123.0	0.03	1.97	45.61	20	325	87	97	0.07	0.0	2.642	0.033	0	0	0	81	
PL.8002	PL.8116	C	#1/0 ACSR	7.37Y	122.8	0.19	2.17	43.45	19	310	83	97	0.40	0.1	2.836	0.195	0	0	2	74	
PL.7928	PL.8002	C	#4 ACSR	7.37Y	122.8	0.00	2.17	2.46	2	18	5	96	0.00	0.0	2.881	0.044	18	5	2	2	
PL.7927	PL.8002	C	#4 ACSR	7.37Y	122.8	0.00	2.17	0.27	0	2	1	89	0.00	0.0	2.862	0.026	2	1	2	2	
PL.7929	PL.8002	C	#1/0 ACSR	7.37Y	122.8	0.00	2.17	0.23	0	2	0	100	0.00	0.0	2.897	0.061	2	0	1	1	
PL.8004	PL.8002	C	#1/0 ACSR	7.36Y	122.7	0.13	2.30	40.48	18	288	77	97	0.24	0.1	2.980	0.144	14	4	2	67	

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8125	PL.8004	C	#1/0 ACSR	7.36Y	122.7	0.04	2.34	38.45	17	274	73	97	0.08	0.0	3.031	0.051	8	2	2	65
PL.8126	PL.8125	C	#1/0 ACSR	7.35Y	122.6	0.09	2.44	37.31	16	265	70	97	0.16	0.1	3.139	0.108	4	1	1	63
PL.7829	PL.8126	C	6 A (CWC)	7.35Y	122.6	0.00	2.44	2.26	2	16	4	97	0.00	0.0	3.174	0.035	9	2	1	3
PL.7932	PL.7829	C	#4 ACSR	7.35Y	122.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	3.344	0.170	0	0	1	1
PL.7830	PL.7829	C	6 A (CWC)	7.35Y	122.6	0.00	2.44	1.06	1	8	2	97	0.00	0.0	3.204	0.030	8	2	1	1
PL.8005	PL.8126	C	#1/0 ACSR	7.35Y	122.4	0.13	2.56	34.54	15	246	65	97	0.20	0.1	3.303	0.164	12	3	1	59
PL.8006	PL.8005	C	#1/0 ACSR	7.34Y	122.4	0.07	2.63	31.66	14	225	59	97	0.10	0.0	3.398	0.095	0	0	0	56
PL.7937	PL.8006	C	#1/0 ACSR	7.34Y	122.3	0.07	2.70	29.98	13	213	56	97	0.09	0.0	3.494	0.096	2	0	1	55
PL.7939	PL.7937	C	6 A (CWC)	7.34Y	122.3	0.00	2.70	1.25	1	9	2	98	0.00	0.0	3.547	0.053	9	2	1	1
PL.8007	PL.7937	C	#1/0 ACSR	7.34Y	122.3	0.04	2.74	28.52	12	202	53	97	0.05	0.0	3.553	0.059	0	0	0	53
PL.7940	PL.8007	C	#1/0 ACSR	7.33Y	122.2	0.06	2.79	27.52	12	195	51	97	0.07	0.0	3.644	0.091	0	0	0	52
PL.7943	PL.7940	C	#4 ACSR	7.33Y	122.2	0.03	2.82	5.94	5	42	11	97	0.01	0.0	3.747	0.103	4	1	1	6
PL.7951	PL.7943	C	#2 ACSR	7.33Y	122.2	0.00	2.82	2.26	1	16	4	97	0.00	0.0	3.781	0.034	0	0	0	2
PL.7953	PL.7951	C	#1/0 ACSR	7.33Y	122.2	0.00	2.82	1.21	1	9	2	98	0.00	0.0	3.818	0.037	9	2	1	1
PL.8012	PL.7951	C	#2 ACSR	7.33Y	122.2	0.00	2.82	1.05	1	7	2	96	0.00	0.0	3.815	0.034	7	2	1	1
PL.7952	PL.7943	C	#4 ACSR	7.33Y	122.2	0.00	2.82	3.07	2	22	6	96	0.00	0.0	3.803	0.056	22	6	3	3
PL.7944	PL.7940	C	#1/0 ACSR	7.33Y	122.2	0.03	2.82	21.29	9	151	40	97	0.03	0.0	3.705	0.062	0	0	0	45
PL.8008	PL.7944	C	#1/0 ACSR	7.33Y	122.2	0.01	2.84	16.27	7	115	30	97	0.01	0.0	3.739	0.034	2	1	1	38
PL.7946	PL.8008	C	#1/0 ACSR	7.33Y	122.1	0.02	2.86	16.00	7	113	30	97	0.01	0.0	3.793	0.054	0	0	0	37
PL.8011	PL.7946	C	#1/0 ACSR	7.33Y	122.1	0.02	2.88	14.67	6	104	27	97	0.01	0.0	3.850	0.057	0	0	0	36
PL.7955	PL.8011	C	#1/0 ACSR	7.33Y	122.1	0.00	2.88	1.21	1	9	2	98	0.00	0.0	3.863	0.013	9	2	2	2
PL.8106	PL.8011	C	#1/0 ACSR	7.33Y	122.1	0.01	2.89	13.46	6	95	25	97	0.01	0.0	3.883	0.033	5	1	2	34
PL.8107	PL.8106	C	#1/0 ACSR	7.32Y	122.1	0.05	2.93	12.72	6	90	24	97	0.03	0.0	4.040	0.157	0	0	0	32
PL.7827	PL.8107	C	#1/0 ACSR	7.32Y	122.0	0.03	2.96	12.32	5	87	23	97	0.02	0.0	4.141	0.101	3	1	1	31
PL.8163	PL.7827	C	6 A (CWC)	7.32Y	122.0	0.00	2.96	6.88	5	49	13	97	0.00	0.0	4.146	0.005	0	0	0	14
PD.1688	PL.8163	C	30T	7.32Y	122.0	0.00	2.96	6.88	0	49	13	97	0.00	0.0	4.146	0.005	0	0	0	14
PL.8164	PD.1688	C	6 A (CWC)	7.32Y	122.0	0.01	2.97	6.88	5	49	13	97	0.00	0.0	4.192	0.045	3	1	1	14
PL.8108	PL.8164	C	6 A (CWC)	7.32Y	122.0	0.03	3.00	6.45	5	46	12	97	0.01	0.0	4.289	0.097	0	0	0	13
PL.8112	PL.8108	C	6 A (CWC)	7.32Y	122.0	0.04	3.04	5.82	4	41	11	97	0.01	0.0	4.427	0.138	0	0	0	12
PL.8113	PL.8112	C	6 A (CWC)	7.32Y	121.9	0.04	3.07	5.82	4	41	11	97	0.01	0.0	4.559	0.132	0	0	0	12
PL.8013	PL.8113	C	6 A (CWC)	7.31Y	121.9	0.04	3.11	5.35	4	38	10	97	0.01	0.0	4.714	0.155	0	0	0	9

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Balanced Voltage Drop Report
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Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8014	PL.8013	C	6 A (CWC)	7.31Y	121.9	0.03	3.14	3.31	2	23	6	97	0.01	0.0	4.910	0.197	0	0	0	8
PL.7963	PL.8014	C	6 A (CWC)	7.31Y	121.9	0.00	3.14	0.41	0	3	1	95	0.00	0.0	5.067	0.156	3	1	2	2
PL.8015	PL.8014	C	6 A (CWC)	7.31Y	121.9	0.00	3.15	1.20	1	8	2	97	0.00	0.0	5.050	0.140	8	2	2	2
PL.8104	PL.8014	C	#4 ACSR	7.31Y	121.9	0.00	3.14	1.70	1	12	3	97	0.00	0.0	4.956	0.046	6	2	1	4
PL.8105	PL.8104	C	#4 ACSR	7.31Y	121.9	0.00	3.15	0.84	1	6	2	95	0.00	0.0	5.019	0.063	2	0	1	3
PL.8103	PL.8105	C	#4 ACSR	7.31Y	121.9	0.00	3.15	0.57	0	4	1	97	0.00	0.0	5.101	0.082	1	0	1	2
PL.7962	PL.8103	C	#1/0 ACSR	7.31Y	121.9	0.00	3.15	0.45	0	3	1	95	0.00	0.0	5.140	0.039	3	1	1	1
PL.7960	PL.8013	C	#1/0 ACSR	7.31Y	121.9	0.00	3.11	2.04	1	14	4	96	0.00	0.0	4.745	0.031	14	4	1	1
PL.7961	PL.8013	C	6 A (CWC)	7.31Y	121.9	0.00	3.11	0.00	0	0	0	100	0.00	0.0	4.785	0.072	0	0	0	0
PL.7959	PL.8113	C	#4 ACSR	7.32Y	121.9	0.00	3.08	0.47	0	3	1	95	0.00	0.0	4.622	0.063	3	1	3	3
PL.7958	PL.8108	C	#1/0 ACSR	7.32Y	122.0	0.00	3.00	0.63	0	4	1	97	0.00	0.0	4.333	0.044	4	1	1	1
PL.8110	PL.7827	C	6 A (CWC)	7.32Y	122.0	0.02	2.98	4.98	4	35	9	97	0.01	0.0	4.252	0.110	3	1	1	16
PL.8111	PL.8110	C	6 A (CWC)	7.32Y	122.0	0.01	2.99	4.61	3	33	9	96	0.00	0.0	4.299	0.047	3	1	3	15
PL.8109	PL.8111	C	6 A (CWC)	7.32Y	122.0	0.02	3.02	4.20	3	30	8	97	0.01	0.0	4.418	0.119	0	0	0	12
PL.7965	PL.8109	C	6 A (CWC)	7.32Y	122.0	0.02	3.03	4.20	3	30	8	97	0.00	0.0	4.516	0.097	0	0	0	12
PL.7967	PL.7965	C	6 A (CWC)	7.32Y	122.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	4.558	0.042	0	0	0	0
PL.7969	PL.7965	C	6 A (CWC)	7.32Y	122.0	0.01	3.05	4.20	3	30	8	97	0.00	0.0	4.581	0.065	0	0	0	12
PL.7968	PL.7969	C	#4 ACSR	7.32Y	122.0	0.00	3.05	0.21	0	2	0	100	0.00	0.0	4.669	0.088	2	0	1	1
PL.7970	PL.7968	C	#4 ACSR	7.32Y	122.0	0.00	3.05	0.00	0	0	0	100	0.00	0.0	4.752	0.084	0	0	0	0
PL.7977	PL.7969	C	6 A (CWC)	7.31Y	121.9	0.06	3.11	3.99	3	28	7	97	0.01	0.0	4.914	0.333	1	0	1	11
PL.8121	PL.7977	C	6 A (CWC)	7.31Y	121.9	0.01	3.11	3.80	3	27	7	97	0.00	0.0	4.958	0.044	1	0	1	9
PL.8122	PL.8121	C	6 A (CWC)	7.31Y	121.8	0.04	3.15	3.61	3	26	7	97	0.01	0.0	5.204	0.245	0	0	0	8
PL.7973	PL.8122	C	#4 ACSR	7.31Y	121.8	0.00	3.16	1.15	1	8	2	97	0.00	0.0	5.226	0.022	8	2	4	4
PL.32609	PL.8122	C	6 A (CWC)	7.31Y	121.8	0.00	3.16	2.46	2	17	5	96	0.00	0.0	5.242	0.038	0	0	0	4
PL.32611	PL.32609	C	6 A (CWC)	7.31Y	121.8	0.01	3.16	2.46	2	17	5	96	0.00	0.0	5.288	0.046	0	0	0	4
PL.32612	PL.32611	C	6 A (CWC)	7.31Y	121.8	0.01	3.17	2.46	2	17	5	96	0.00	0.0	5.336	0.048	0	0	1	4
PL.8123	PL.32612	C	6 A (CWC)	7.31Y	121.8	0.01	3.18	2.46	2	17	5	96	0.00	0.0	5.418	0.082	10	3	2	3
PL.8124	PL.8123	C	6 A (CWC)	7.31Y	121.8	0.00	3.18	1.01	1	7	2	96	0.00	0.0	5.482	0.064	7	2	1	1
PL.7971	PL.7977	C	#4 ACSR	7.31Y	121.9	0.00	3.11	0.11	0	1	0	100	0.00	0.0	4.988	0.074	1	0	1	1
PL.7966	PL.8109	C	6 A (CWC)	7.32Y	122.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	4.463	0.045	0	0	0	0
PL.7956	PL.8107	C	#1/0 ACSR	7.32Y	122.1	0.00	2.93	0.40	0	3	1	95	0.00	0.0	4.121	0.080	3	1	1	1

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Balanced Voltage Drop Report
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Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.7954	PL.7946	C	#1/0 ACSR	7.33Y	122.1	0.00	2.86	1.32	1	9	2	98	0.00	0.0	3.811	0.018	9	2	1	1
PL.33063	PL.7944	C	#4 ACSR	7.33Y	122.2	0.02	2.84	5.02	4	36	9	97	0.00	0.0	3.773	0.068	0	0	0	7
PL.33064	PL.33063	C	#2 ACSR	7.33Y	122.2	0.00	2.84	5.02	3	36	9	97	0.00	0.0	3.776	0.002	0	0	0	7
PD.4890	PL.33064	C	25T	7.33Y	122.2	0.00	2.84	5.02	0	36	9	97	0.00	0.0	3.776	0.002	0	0	0	7
PL.33065	PD.4890	C	#2 ACSR	7.33Y	122.1	0.04	2.88	5.02	3	36	9	97	0.01	0.0	4.061	0.286	7	2	1	7
PL.7947	PL.33065	C	#1/0 ACSR	7.33Y	122.1	0.00	2.88	1.52	1	11	3	96	0.00	0.0	4.105	0.043	11	3	1	1
PL.8009	PL.33065	C	#2 ACSR	7.33Y	122.1	0.01	2.89	2.55	1	18	5	96	0.00	0.0	4.173	0.112	0	0	0	5
PL.7949	PL.8009	C	#1/0 ACSR	7.33Y	122.1	0.00	2.89	1.98	1	14	4	96	0.00	0.0	4.239	0.066	0	0	0	2
PL.7950	PL.7949	C	#1/0 ACSR	7.33Y	122.1	0.00	2.89	0.46	0	3	1	95	0.00	0.0	4.288	0.049	3	1	1	1
PL.8010	PL.7949	C	#1/0 ACSR	7.33Y	122.1	0.00	2.89	1.52	1	11	3	96	0.00	0.0	4.331	0.092	11	3	1	1
PL.8119	PL.8009	C	#2 ACSR	7.33Y	122.1	0.00	2.89	0.57	0	4	1	97	0.00	0.0	4.201	0.028	2	1	2	3
PL.8120	PL.8119	C	#2 ACSR	7.33Y	122.1	0.00	2.89	0.24	0	2	0	100	0.00	0.0	4.275	0.073	2	0	1	1
PL.7945	PL.7940	C	#4 ACSR	7.33Y	122.2	0.00	2.79	0.29	0	2	1	89	0.00	0.0	3.661	0.018	2	1	1	1
PL.7941	PL.8007	C	#4 ACSR	7.34Y	122.3	0.00	2.74	0.99	1	7	2	96	0.00	0.0	3.584	0.031	7	2	1	1
PL.7938	PL.8006	C	#4 ACSR	7.34Y	122.4	0.00	2.63	1.68	1	12	3	97	0.00	0.0	3.426	0.028	12	3	1	1
PL.8101	PL.8005	C	#4 ACSR	7.35Y	122.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	3.357	0.054	0	0	0	1
PL.8102	PL.8101	C	#4 ACSR	7.35Y	122.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	3.394	0.037	0	0	0	1
PL.8100	PL.8102	C	#4 ACSR	7.35Y	122.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	3.416	0.023	0	0	0	1
PL.7935	PL.8100	C	#4 ACSR	7.35Y	122.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	3.474	0.058	0	0	1	1
PL.7934	PL.8005	C	#1/0 ACSR	7.35Y	122.4	0.00	2.56	1.23	1	9	2	98	0.00	0.0	3.352	0.050	9	2	1	1
PL.8117	PL.8116	C	#1/0 ACSR	7.38Y	123.0	0.00	1.97	1.73	1	12	3	97	0.00	0.0	2.651	0.009	3	1	3	6
PL.8118	PL.8117	C	#1/0 ACSR	7.38Y	123.0	0.00	1.98	1.30	1	9	2	98	0.00	0.0	2.689	0.038	0	0	0	3
PL.7926	PL.8118	C	#1/0 ACSR	7.38Y	123.0	0.00	1.98	0.24	0	2	0	100	0.00	0.0	2.734	0.045	2	0	1	1
PL.8003	PL.8118	C	#1/0 ACSR	7.38Y	123.0	0.00	1.98	0.32	0	2	1	89	0.00	0.0	2.729	0.040	2	1	1	1
PL.7925	PL.8118	C	#1/0 ACSR	7.38Y	123.0	0.00	1.98	0.74	0	5	1	98	0.00	0.0	2.731	0.042	5	1	1	1
PL.7924	PL.8116	C	#1/0 ACSR	7.38Y	123.0	0.00	1.97	0.43	0	3	1	95	0.00	0.0	2.677	0.035	3	1	1	1
PL.7922	PL.8000	C	#1/0 ACSR	7.40Y	123.4	0.00	1.62	0.70	0	5	1	98	0.00	0.0	2.371	0.069	5	1	1	1
PL.7918	PL.8087	C	#1/0 ACSR	7.44Y	123.9	0.00	1.05	1.13	0	8	2	97	0.00	0.0	1.839	0.037	8	2	1	1
PL.8173	PL.8077	A	#2 ACSR	7.43Y	123.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	1.253	0.004	0	0	0	0
PD.1694	PL.8173	A	65T	7.43Y	123.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	1.253	0.004	0	0	0	0
PL.8174	PD.1694	A	#2 ACSR	7.43Y	123.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	1.290	0.037	0	0	0	0

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Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8205	PL.8084	ABC	#4 ACSR	7.43Y	123.9	0.00	1.13	9.20	7	187	85	91	0.00	0.0	1.135	0.004	0	0	0	16
PD.1711	PL.8205	ABC	65T	7.43Y	123.9	0.00	1.13	9.20	0	187	85	91	0.00	0.0	1.135	0.004	0	0	0	16
PL.8206	PD.1711	ABC	#4 ACSR	7.43Y	123.9	0.02	1.15	9.20	7	187	85	91	0.03	0.0	1.184	0.049	9	2	7	16
PL.7845	PL.8206	C	#4 ACSR	7.43Y	123.9	0.00	1.15	1.23	1	9	2	98	0.00	0.0	1.221	0.037	9	2	4	4
PL.8072	PL.8206	ABC	#4 ACSR	7.43Y	123.8	0.01	1.15	8.39	6	169	80	90	0.01	0.0	1.209	0.026	2	1	1	5
PL.8073	PL.8072	ABC	#4 ACSR	7.43Y	123.8	0.00	1.15	8.28	6	167	79	90	0.00	0.0	1.212	0.003	92	44	1	4
PL.7846	PL.8073	ABC	#2 ACSR	7.43Y	123.8	0.00	1.16	3.70	2	75	35	91	0.00	0.0	1.255	0.042	69	33	1	3
PL.7847	PL.7846	B	#4 ACSR	7.43Y	123.8	0.00	1.16	0.82	1	6	2	95	0.00	0.0	1.258	0.003	6	2	2	2
PL.8155	PL.7994	A	#1/0 ACSR	7.44Y	124.0	0.00	0.98	2.64	1	19	5	97	0.00	0.0	0.965	0.004	0	0	0	1
PD.1684	PL.8155	A	65T	7.44Y	124.0	0.00	0.98	2.64	0	19	5	97	0.00	0.0	0.965	0.004	0	0	0	1
PL.8156	PD.1684	A	#1/0 ACSR	7.44Y	124.0	0.00	0.98	2.64	1	19	5	97	0.00	0.0	1.024	0.059	19	5	1	1
PL.8151	PL.8082	A	6 A (CWC)	7.45Y	124.1	0.00	0.90	0.38	0	3	1	95	0.00	0.0	0.873	0.005	0	0	0	2
PD.1682	PL.8151	A	65T	7.45Y	124.1	0.00	0.90	0.38	0	3	1	95	0.00	0.0	0.873	0.005	0	0	0	2
PL.8152	PD.1682	A	6 A (CWC)	7.45Y	124.1	0.00	0.90	0.38	0	3	1	95	0.00	0.0	0.930	0.057	3	1	2	2
PL.8079	PL.7984	ABC	#3/0 ACSR	7.45Y	124.2	0.01	0.78	21.49	7	465	122	97	0.02	0.0	0.753	0.022	3	1	1	93
PL.8080	PL.8079	ABC	#3/0 ACSR	7.45Y	124.2	0.02	0.80	21.37	7	462	122	97	0.06	0.0	0.830	0.077	1	0	1	92
PL.8211	PL.8080	ABC	#3/0 ACSR	7.45Y	124.2	0.01	0.81	21.25	7	459	121	97	0.03	0.0	0.875	0.046	0	0	0	90
PD.1715	PL.8211	ABC	70L	7.45Y	124.2	0.00	0.81	21.25	30	459	121	97	0.00	0.0	0.875	0.046	0	0	0	90
PL.8212	PD.1715	ABC	#3/0 ACSR	7.45Y	124.2	0.03	0.84	21.25	7	459	121	97	0.09	0.0	0.990	0.114	0	0	0	90
PL.7985	PL.8212	ABC	#3/0 ACSR	7.45Y	124.1	0.03	0.87	20.92	7	452	119	97	0.08	0.0	1.095	0.106	4	1	1	89
PL.7987	PL.7985	ABC	#3/0 ACSR	7.45Y	124.1	0.02	0.89	20.64	7	446	117	97	0.06	0.0	1.186	0.090	2	1	1	86
PL.8199	PL.7987	A	#4 ACSR	7.45Y	124.1	0.00	0.90	16.60	13	120	31	97	0.00	0.0	1.190	0.005	0	0	0	18
PD.1707	PL.8199	A	30T	7.45Y	124.1	0.00	0.90	16.60	0	120	31	97	0.00	0.0	1.190	0.005	0	0	0	18
PL.8200	PD.1707	A	#4 ACSR	7.44Y	124.1	0.05	0.95	16.60	13	120	31	97	0.05	0.0	1.266	0.076	14	4	3	18
PL.8069	PL.8200	A	#4 ACSR	7.44Y	124.0	0.02	0.97	14.65	11	105	28	97	0.02	0.0	1.298	0.032	8	2	1	15
PL.7895	PL.8069	A	#4 ACSR	7.44Y	124.0	0.02	0.99	11.70	9	84	22	97	0.01	0.0	1.344	0.046	13	3	2	13
PL.7986	PL.7895	A	#4 ACSR	7.44Y	124.0	0.03	1.02	8.50	7	61	16	97	0.01	0.0	1.424	0.080	7	2	1	9
PL.7897	PL.7986	A	#4 ACSR	7.44Y	124.0	0.01	1.03	7.57	6	54	14	97	0.00	0.0	1.449	0.025	0	0	0	8
PL.10158	PL.7897	A	#4 ACSR	7.44Y	124.0	0.00	1.03	1.44	1	10	3	96	0.00	0.0	1.472	0.023	10	3	1	2
PL.10159	PL.10158	A	#4 ACSR	7.44Y	124.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	1.497	0.025	0	0	1	1
PL.7899	PL.7897	A	#4 ACSR	7.44Y	124.0	0.00	1.03	0.99	1	7	2	96	0.00	0.0	1.541	0.092	7	2	1	1

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8070	PL.7897	A	#4 ACSR	7.44Y	124.0	0.01	1.04	5.14	4	37	10	97	0.00	0.0	1.504	0.054	30	8	4	5
PL.8071	PL.8070	A	#4 ACSR	7.44Y	124.0	0.00	1.04	0.93	1	7	2	96	0.00	0.0	1.551	0.047	7	2	1	1
PL.7896	PL.7895	A	#4 ACSR	7.44Y	124.0	0.00	0.99	1.35	1	10	3	96	0.00	0.0	1.438	0.094	10	3	2	2
PL.7828	PL.8069	A	#4 ACSR	7.44Y	124.0	0.00	0.97	1.85	1	13	3	97	0.00	0.0	1.336	0.038	13	3	1	1
PL.7988	PL.7987	ABC	#3/0 ACSR	7.45Y	124.1	0.02	0.91	15.00	5	324	85	97	0.03	0.0	1.269	0.084	17	5	6	67
PL.8059	PL.7988	ABC	#3/0 ACSR	7.45Y	124.1	0.01	0.92	12.50	4	270	71	97	0.01	0.0	1.317	0.048	16	4	2	52
PL.8060	PL.8059	ABC	#3/0 ACSR	7.44Y	124.1	0.01	0.92	11.75	4	254	67	97	0.01	0.0	1.364	0.047	11	3	1	50
PL.8145	PL.8060	B	6 A (CWC)	7.44Y	124.1	0.01	0.93	33.73	24	243	64	97	0.01	0.0	1.369	0.005	0	0	0	49
PD.1679	PL.8145	B	30T	7.44Y	124.1	0.00	0.93	33.73	0	243	64	97	0.00	0.0	1.369	0.005	0	0	0	49
PL.8146	PD.1679	B	6 A (CWC)	7.44Y	124.0	0.03	0.96	33.73	24	243	64	97	0.06	0.0	1.390	0.021	0	0	0	49
PL.7901	PL.8146	B	#1/0 ACSR	7.44Y	124.0	0.02	0.98	24.46	11	176	46	97	0.02	0.0	1.420	0.030	4	1	1	39
PL.8065	PL.7901	B	6 A (CWC)	7.44Y	124.0	0.04	1.02	23.88	17	172	45	97	0.05	0.0	1.456	0.036	16	4	4	38
PL.8066	PL.8065	B	6 A (CWC)	7.44Y	123.9	0.05	1.07	21.66	15	156	41	97	0.06	0.0	1.506	0.051	0	0	0	34
PL.8064	PL.8066	B	6 A (CWC)	7.43Y	123.9	0.05	1.12	21.66	15	156	41	97	0.06	0.0	1.560	0.054	14	4	3	34
PL.8051	PL.8064	B	6 A (CWC)	7.43Y	123.8	0.09	1.21	19.66	14	141	37	97	0.09	0.1	1.671	0.110	15	4	4	31
PL.8052	PL.8051	B	6 A (CWC)	7.42Y	123.7	0.08	1.29	17.57	13	126	33	97	0.07	0.1	1.771	0.100	8	2	2	27
PL.7907	PL.8052	B	6 A (CWC)	7.42Y	123.6	0.06	1.35	16.47	12	118	31	97	0.06	0.0	1.858	0.087	2	1	1	25
PL.7989	PL.7907	B	6 A (CWC)	7.42Y	123.6	0.04	1.39	14.82	11	106	28	97	0.03	0.0	1.920	0.063	10	3	1	21
PL.7909	PL.7989	B	6 A (CWC)	7.42Y	123.6	0.02	1.41	13.44	10	96	25	97	0.01	0.0	1.950	0.030	9	2	4	20
PL.7911	PL.7909	B	#4 ACSR	7.42Y	123.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	1.996	0.046	0	0	0	0
PL.7990	PL.7909	B	6 A (CWC)	7.41Y	123.6	0.01	1.42	12.21	9	88	23	97	0.01	0.0	1.972	0.022	8	2	1	16
PL.7910	PL.7990	B	6 A (CWC)	7.41Y	123.6	0.01	1.44	11.13	8	80	21	97	0.01	0.0	2.001	0.028	0	0	0	15
PL.7912	PL.7910	B	6 A (CWC)	7.41Y	123.6	0.01	1.45	11.13	8	80	21	97	0.01	0.0	2.018	0.017	2	0	1	15
PL.7913	PL.7912	B	#4 ACSR	7.41Y	123.5	0.01	1.46	10.89	8	78	20	97	0.01	0.0	2.041	0.023	1	0	1	14
PL.7991	PL.7913	B	#4 ACSR	7.41Y	123.5	0.04	1.49	10.81	8	78	20	97	0.02	0.0	2.117	0.076	0	0	0	13
PL.7915	PL.7991	B	#2 ACSR	7.41Y	123.5	0.00	1.50	3.42	2	25	6	97	0.00	0.0	2.156	0.039	25	6	2	2
PL.7992	PL.7991	B	#4 ACSR	7.41Y	123.5	0.02	1.51	7.38	6	53	14	97	0.01	0.0	2.181	0.064	0	0	0	11
PL.8050	PL.7992	B	#4 ACSR	7.41Y	123.5	0.01	1.52	5.96	5	43	11	97	0.00	0.0	2.209	0.029	0	0	0	9
PL.8127	PL.8050	B	#4 ACSR	7.41Y	123.5	0.01	1.53	5.96	5	43	11	97	0.00	0.0	2.239	0.030	1	0	1	9
PL.8128	PL.8127	B	#4 ACSR	7.41Y	123.5	0.01	1.54	5.88	5	42	11	97	0.00	0.0	2.285	0.046	18	5	3	8
PL.7916	PL.8128	B	#4 ACSR	7.41Y	123.5	0.00	1.54	3.32	3	24	6	97	0.00	0.0	2.304	0.019	1	0	1	5

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8053	PL.7916	B	#4 ACSR	7.41Y	123.5	0.01	1.55	3.22	2	23	6	97	0.00	0.0	2.366	0.062	12	3	2	4
PL.8054	PL.8053	B	#4 ACSR	7.41Y	123.5	0.00	1.55	1.60	1	11	3	96	0.00	0.0	2.403	0.037	11	3	2	2
PL.7993	PL.7992	B	#4 ACSR	7.41Y	123.5	0.01	1.52	1.43	1	10	3	96	0.00	0.0	2.287	0.107	0	0	0	2
PL.8048	PL.7993	B	#4 ACSR	7.41Y	123.5	0.00	1.52	1.43	1	10	3	96	0.00	0.0	2.337	0.050	1	0	1	2
PL.8049	PL.8048	B	#4 ACSR	7.41Y	123.5	0.00	1.52	1.25	1	9	2	98	0.00	0.0	2.383	0.046	9	2	1	1
PL.7914	PL.7913	B	#4 ACSR	7.41Y	123.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	2.087	0.046	0	0	0	0
PL.7908	PL.7907	B	6 A (CWC)	7.42Y	123.6	0.00	1.35	1.33	1	10	2	98	0.00	0.0	1.899	0.041	10	2	3	3
PL.8062	PL.8146	B	6 A (CWC)	7.44Y	124.0	0.01	0.97	9.27	7	67	17	97	0.01	0.0	1.423	0.033	19	5	3	10
PL.8063	PL.8062	B	6 A (CWC)	7.44Y	124.0	0.01	0.99	6.68	5	48	13	97	0.00	0.0	1.478	0.054	10	3	1	7
PL.7904	PL.8063	B	6 A (CWC)	7.44Y	124.0	0.00	0.99	0.57	0	4	1	97	0.00	0.0	1.545	0.067	4	1	1	1
PL.7902	PL.8063	B	#4 ACSR	7.44Y	124.0	0.01	0.99	2.39	2	17	5	96	0.00	0.0	1.528	0.050	0	0	0	3
PL.7906	PL.7902	B	6 A (CWC)	7.44Y	124.0	0.00	1.00	2.39	2	17	5	96	0.00	0.0	1.561	0.034	0	0	0	3
PL.8057	PL.7906	B	#4 ACSR	7.44Y	124.0	0.01	1.00	2.39	2	17	5	96	0.00	0.0	1.610	0.049	0	0	1	3
PL.8058	PL.8057	B	#4 ACSR	7.44Y	124.0	0.01	1.01	2.38	2	17	4	97	0.00	0.0	1.681	0.071	0	0	0	2
PL.8055	PL.8058	B	#4 ACSR	7.44Y	124.0	0.00	1.01	2.38	2	17	4	97	0.00	0.0	1.728	0.047	8	2	1	2
PL.8056	PL.8055	B	#4 ACSR	7.44Y	124.0	0.00	1.02	1.28	1	9	2	98	0.00	0.0	1.792	0.064	9	2	1	1
PL.7903	PL.8063	B	#4 ACSR	7.44Y	124.0	0.00	0.99	2.36	2	17	4	97	0.00	0.0	1.513	0.035	11	3	1	2
PL.7905	PL.7903	B	#1/0 ACSR	7.44Y	124.0	0.00	0.99	0.85	0	6	2	95	0.00	0.0	1.585	0.072	6	2	1	1
PL.8201	PL.7988	C	6 A (CWC)	7.45Y	124.1	0.00	0.91	3.99	3	29	8	96	0.00	0.0	1.273	0.004	0	0	0	7
PD.1708	PL.8201	C	30T	7.45Y	124.1	0.00	0.91	3.99	0	29	8	96	0.00	0.0	1.273	0.004	0	0	0	7
PL.8202	PD.1708	C	6 A (CWC)	7.45Y	124.1	0.01	0.92	3.99	3	29	8	96	0.00	0.0	1.315	0.042	7	2	1	7
PL.8061	PL.8202	C	6 A (CWC)	7.44Y	124.1	0.00	0.92	3.06	2	22	6	96	0.00	0.0	1.358	0.043	11	3	1	6
PL.7900	PL.8061	C	#1/0 ACSR	7.44Y	124.1	0.00	0.92	0.40	0	3	1	95	0.00	0.0	1.398	0.040	3	1	1	1
PL.8067	PL.8061	C	6 A (CWC)	7.44Y	124.1	0.00	0.92	1.12	1	8	2	97	0.00	0.0	1.388	0.030	8	2	3	4
PL.8068	PL.8067	C	6 A (CWC)	7.44Y	124.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	1.449	0.060	0	0	1	1
PL.8147	PL.7988	A	#4 ACSR	7.45Y	124.1	0.00	0.91	1.13	1	8	2	97	0.00	0.0	1.273	0.004	0	0	0	2
PD.1680	PL.8147	A	30T	7.45Y	124.1	0.00	0.91	1.13	0	8	2	97	0.00	0.0	1.273	0.004	0	0	0	2
PL.8148	PD.1680	A	#4 ACSR	7.45Y	124.1	0.00	0.91	1.13	1	8	2	97	0.00	0.0	1.391	0.118	8	2	2	2
PL.7894	PL.7985	C	#4 ACSR	7.45Y	124.1	0.00	0.87	0.29	0	2	1	89	0.00	0.0	1.100	0.004	0	0	0	2
PD.1678	PL.7894	C	30T	7.45Y	124.1	0.00	0.87	0.29	0	2	1	89	0.00	0.0	1.100	0.004	0	0	0	2
PL.7823	PD.1678	C	#4 ACSR	7.45Y	124.1	0.00	0.87	0.29	0	2	1	89	0.00	0.0	1.151	0.051	2	1	2	2

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Balanced Voltage Drop Report
Source: Fall Rock

Database: C:\MILSOFT\DATA\2010-2013 WP EXISTING CONDITIONS.WM\
Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky
Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.8153	PL.8212	A	#2 ACSR	7.45Y	124.2	0.00	0.84	0.98	1	7	2	96	0.00	0.0	0.994	0.004	0	0	0	1
PD.1683	PL.8153	A	30T	7.45Y	124.2	0.00	0.84	0.98	0	7	2	96	0.00	0.0	0.994	0.004	0	0	0	1
PL.8154	PD.1683	A	#2 ACSR	7.45Y	124.2	0.00	0.84	0.98	1	7	2	96	0.00	0.0	1.040	0.047	7	2	1	1
PL.8197	PL.8080	A	#1/0 ACSR	7.45Y	124.2	0.00	0.80	0.27	0	2	1	89	0.00	0.0	0.834	0.004	0	0	0	1
PD.1706	PL.8197	A	65T	7.45Y	124.2	0.00	0.80	0.27	0	2	1	89	0.00	0.0	0.834	0.004	0	0	0	1
PL.8198	PD.1706	A	#1/0 ACSR	7.45Y	124.2	0.00	0.80	0.27	0	2	1	89	0.00	0.0	0.871	0.038	2	1	1	1
PL.8157	PL.7983	A	#4 ACSR	7.47Y	124.4	0.00	0.56	3.21	2	23	6	97	0.00	0.0	0.550	0.004	0	0	0	4
PD.1685	PL.8157	A	65T	7.47Y	124.4	0.00	0.56	3.21	0	23	6	97	0.00	0.0	0.550	0.004	0	0	0	4
PL.8158	PD.1685	A	#4 ACSR	7.47Y	124.4	0.00	0.56	3.21	2	23	6	97	0.00	0.0	0.575	0.025	23	6	4	4
PL.8159	PL.8092	A	6 A (CWC)	7.47Y	124.5	0.00	0.48	3.01	2	22	6	96	0.00	0.0	0.480	0.004	0	0	0	7
PD.1686	PL.8159	A	65T	7.47Y	124.5	0.00	0.48	3.01	0	22	6	96	0.00	0.0	0.480	0.004	0	0	0	7
PL.8160	PD.1686	A	6 A (CWC)	7.47Y	124.5	0.01	0.48	3.01	2	22	6	96	0.00	0.0	0.533	0.053	13	3	3	7
PL.7821	PL.8160	A	6 A (CWC)	7.47Y	124.5	0.00	0.48	1.26	1	9	2	98	0.00	0.0	0.603	0.070	3	1	1	3
PL.7843	PL.7821	A	#1/0 ACSR	7.47Y	124.5	0.00	0.49	0.88	0	6	2	95	0.00	0.0	0.706	0.103	0	0	1	2
PL.7844	PL.7843	A	#1/0 ACSR	7.47Y	124.5	0.00	0.49	0.86	0	6	2	95	0.00	0.0	0.808	0.102	6	2	1	1
PL.7842	PL.8160	A	#4 ACSR	7.47Y	124.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	0.559	0.026	0	0	1	1

KEY-> L = Low Voltage H = High Voltage C = Capacity Over Limit (%capacity or load amps) G = Generator Out of kvar Limits P = Power Factor Low

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total
KW	9905	0	0	0	0	0	384	0.00	10289
KVAR	2754	0	0	-3	0	0	632		3384

Lowest Voltage = 114.75 on Element PL.8567
Max Accm VoltD = 10.25 on Element PL.8567
Max Elem VoltD = 1.69 on Element PL.9431