

Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----			
																KW	KVAR	Cons On	Cons Thru	
Campground		ABC	SRC-Camp G	7.50Y	125.0	0.00	0.00	889.17	0	19005	6251	95	0.00	0.0	0.000	0.000	0	0	0	2616
PL.52869	Campground	ABC	336 MCM AC	7.50Y	125.0	0.00	0.00	164.14	32	3555	1000	96	0.04	0.0	0.002	0.002	0	0	0	473
PL.52873	PL.52869	ABC	336 MCM AC	7.50Y	125.0	0.00	0.00	164.14	32	3555	1000	96	0.04	0.0	0.004	0.002	0	0	0	473
----- Feeder No. 1 (Bush F1) Beginning with Device PD.7980 -----																				
PD.7980	PL.52873	ABC	480VWE	7.50Y	125.0	0.00	0.00	164.14	0	3555	1000	96	0.00	0.0	0.004	0.002	0	0	0	473
PL.46408	PD.7980	ABC	336 MCM AC	7.50Y	124.9	0.06	0.07	164.14	32	3555	1000	96	1.19	0.0	0.056	0.052	0	0	0	473
PL.45986	PL.46408	ABC	336 MCM AC	7.49Y	124.8	0.17	0.24	164.14	32	3554	997	96	3.19	0.1	0.196	0.140	3	1	1	473
PL.47035	PL.45986	C	6 A (CWC)	7.49Y	124.8	0.00	0.24	1.10	1	8	2	97	0.00	0.0	0.197	0.000	0	0	0	1
PD.7259	PL.47035	C	40T	7.49Y	124.8	0.00	0.24	1.10	0	8	2	97	0.00	0.0	0.197	0.000	0	0	0	1
PL.45830	PD.7259	C	6 A (CWC)	7.49Y	124.8	0.00	0.24	1.10	1	8	2	97	0.00	0.0	0.291	0.094	8	2	1	1
PL.47033	PL.45986	ABC	336 MCM AC	7.47Y	124.5	0.29	0.53	163.65	32	3540	987	96	5.29	0.1	0.431	0.235	0	0	0	471
PL.54461	PL.47033	ABC	336 MCM AC	7.46Y	124.3	0.13	0.66	163.59	32	3533	975	96	2.45	0.1	0.540	0.109	0	0	0	470
PL.54462	PL.54461	ABC	336 MCM AC	7.46Y	124.3	0.04	0.70	163.59	32	3531	969	96	0.75	0.0	0.573	0.033	0	0	0	470
PL.45957	PL.54462	ABC	336 MCM AC	7.45Y	124.1	0.16	0.86	163.59	32	3530	967	96	2.96	0.1	0.704	0.131	3	1	2	470
PL.46362	PL.45957	ABC	336 MCM AC	7.44Y	123.9	0.20	1.06	163.46	31	3524	960	96	3.81	0.1	0.874	0.170	20	5	2	468
PL.57995	PL.46362	ABC	336 MCM AC	7.43Y	123.8	0.11	1.17	162.56	31	3501	946	97	1.99	0.1	0.963	0.089	0	0	0	466
PL.57997	PL.57995	C	6 A (CWC)	7.43Y	123.8	0.00	1.17	9.26	7	67	17	97	0.00	0.0	0.967	0.004	0	0	0	9
PD.8402	PL.57997	C	100T	7.43Y	123.8	0.00	1.17	9.26	0	67	17	97	0.00	0.0	0.967	0.004	0	0	0	9
PL.57998	PD.8402	C	6 A (CWC)	7.43Y	123.8	0.01	1.18	9.26	7	67	17	97	0.01	0.0	1.004	0.036	13	3	1	9
PL.57996	PL.57998	C	6 A (CWC)	7.43Y	123.8	0.04	1.22	7.51	5	54	14	97	0.02	0.0	1.117	0.113	1	0	1	8
PL.54827	PL.57996	C	#2 ACSR	7.43Y	123.8	0.00	1.22	1.23	1	9	2	98	0.00	0.0	1.180	0.063	9	2	1	1
PL.54828	PL.57996	C	6 A (CWC)	7.43Y	123.8	0.01	1.23	6.19	4	45	12	97	0.00	0.0	1.141	0.025	0	0	0	6
PL.54826	PL.54828	C	6 A (CWC)	7.43Y	123.8	0.02	1.25	6.19	4	45	12	97	0.01	0.0	1.215	0.073	9	2	1	6
PL.54764	PL.54826	C	6 A (CWC)	7.42Y	123.7	0.01	1.26	4.88	3	35	9	97	0.00	0.0	1.273	0.058	0	0	0	5
PL.46857	PL.54764	C	6 A (CWC)	7.42Y	123.7	0.00	1.26	1.23	1	9	2	98	0.00	0.0	1.323	0.050	9	2	1	1
PL.46413	PL.54764	C	6 A (CWC)	7.42Y	123.7	0.01	1.27	2.10	2	15	4	97	0.00	0.0	1.430	0.157	14	4	2	3
PL.46414	PL.46413	C	6 A (CWC)	7.42Y	123.7	0.00	1.27	0.20	0	1	0	100	0.00	0.0	1.505	0.075	1	0	1	1
PL.63542	PL.54764	C	#1/0 ACSR	7.42Y	123.7	0.00	1.26	1.55	1	11	3	96	0.00	0.0	1.346	0.073	0	0	0	1
PL.63543	PL.63542	C	#1/0 ACSR	7.42Y	123.7	0.00	1.26	1.55	1	11	3	96	0.00	0.0	1.416	0.070	11	3	1	1
PL.57999	PL.57995	ABC	336 MCM AC	7.43Y	123.8	0.05	1.22	159.47	31	3432	924	97	0.97	0.0	1.009	0.045	0	0	0	457

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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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.58001	PL.57999	C	#1/0 ACSR	7.43Y	123.8	0.00	1.22	0.96	0	7	2	96	0.00	0.0	1.012	0.003	0	0	0	1
PD.8403	PL.58001	C	40T	7.43Y	123.8	0.00	1.22	0.96	0	7	2	96	0.00	0.0	1.012	0.003	0	0	0	1
PL.58002	PD.8403	C	#1/0 ACSR	7.43Y	123.8	0.00	1.22	0.96	0	7	2	96	0.00	0.0	1.041	0.029	7	2	1	1
PL.58000	PL.57999	ABC	336 MCM AC	7.42Y	123.7	0.07	1.29	159.15	31	3425	920	97	1.23	0.0	1.066	0.058	0	0	0	456
PL.46977	PL.58000	ABC	336 MCM AC	7.42Y	123.6	0.08	1.37	159.15	31	3423	917	97	1.45	0.0	1.135	0.068	0	0	0	456
PL.45558	PL.46977	ABC	336 MCM AC	7.41Y	123.5	0.10	1.47	158.67	31	3412	911	97	1.84	0.1	1.221	0.087	12	3	1	455
PL.45196	PL.45558	ABC	336 MCM AC	7.40Y	123.4	0.13	1.60	158.11	30	3398	903	97	2.34	0.1	1.333	0.111	0	0	0	454
PL.45105	PL.45196	C	#2 ACSR	7.40Y	123.4	0.00	1.60	3.43	2	25	6	97	0.00	0.0	1.335	0.002	0	0	0	1
PD.7193	PL.45105	C	40T	7.40Y	123.4	0.00	1.60	3.43	0	25	6	97	0.00	0.0	1.335	0.002	0	0	0	1
PL.45106	PD.7193	C	#2 ACSR	7.40Y	123.4	0.01	1.60	3.43	2	25	6	97	0.00	0.0	1.461	0.126	25	6	1	1
PL.57791	PL.45196	ABC	336 MCM AC	7.38Y	123.0	0.38	1.98	156.97	30	3371	891	97	6.90	0.2	1.665	0.332	0	0	0	453
PD.8406-A	PL.57791	ABC	Closed	7.38Y	123.0	0.00	1.98	156.97	0	3364	875	97	0.00	0.0	1.665	0.332	0	0	0	453
PD.8406-B	PD.8406-A	ABC	Closed	7.38Y	123.0	0.00	1.98	156.97	0	3364	875	97	0.00	0.0	1.665	0.332	0	0	0	453
PL.57816	PD.8406-B	ABC	336 MCM AC	7.38Y	123.0	0.03	2.01	156.97	30	3364	875	97	0.56	0.0	1.692	0.027	0	0	0	453
PL.57819	PL.57816	ABC	336 MCM AC	7.38Y	123.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	1.694	0.002	0	0	0	0
PD.8416-B	PL.57819	ABC	Open	7.38Y	123.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	1.694	0.002	0	0	0	0
PL.72965	PL.57816	ABC	336 MCM AC	7.36Y	122.6	0.37	2.38	156.97	30	3363	874	97	6.79	0.2	2.019	0.327	0	0	0	453
PL.72964	PL.72965	ABC	336 MCM AC	7.35Y	122.6	0.05	2.43	101.94	20	2184	540	97	0.56	0.0	2.083	0.064	0	0	0	269
PL.72967	PL.72964	ABC	336 MCM AC	7.35Y	122.5	0.03	2.46	101.94	20	2184	539	97	0.40	0.0	2.129	0.045	0	0	0	269
PL.72968	PL.72967	ABC	336 MCM AC	7.35Y	122.5	0.05	2.51	101.94	20	2183	538	97	0.60	0.0	2.197	0.069	0	0	0	269
PL.72969	PL.72968	ABC	336 MCM AC	7.35Y	122.5	0.04	2.55	101.94	20	2183	537	97	0.43	0.0	2.246	0.049	0	0	0	269
PL.72970	PL.72969	ABC	336 MCM AC	7.34Y	122.4	0.08	2.63	101.94	20	2182	536	97	0.95	0.0	2.354	0.108	0	0	1	269
PL.53728	PL.72970	A	#4 ACSR	7.34Y	122.4	0.00	2.63	1.93	1	14	4	96	0.00	0.0	2.356	0.001	0	0	0	1
PD.7191	PL.53728	A	65T	7.34Y	122.4	0.00	2.63	1.93	0	14	4	96	0.00	0.0	2.356	0.001	0	0	0	1
PL.56775	PD.7191	A	#4 ACSR	7.34Y	122.4	0.00	2.63	1.93	1	14	4	96	0.00	0.0	2.393	0.037	14	4	1	1
PL.56776	PL.56775	A	#4 ACSR	7.34Y	122.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	2.465	0.072	0	0	0	0
PL.57792	PL.72970	ABC	336 MCM AC	7.34Y	122.3	0.03	2.66	101.29	20	2167	530	97	0.35	0.0	2.395	0.040	0	0	0	267
PD.8407	PL.57792	ABC	140L	7.34Y	122.3	0.00	2.66	101.29	72	2167	529	97	0.00	0.0	2.395	0.040	0	0	0	267
PL.57793	PD.8407	ABC	336 MCM AC	7.34Y	122.3	0.05	2.71	101.29	20	2167	529	97	0.63	0.0	2.467	0.073	0	0	0	267
PL.46604	PL.57793	B	6 A (CWC)	7.34Y	122.3	0.00	2.71	2.46	2	17	5	96	0.00	0.0	2.468	0.001	0	0	0	3
PD.7011	PL.46604	B	65T	7.34Y	122.3	0.00	2.71	2.46	0	17	5	96	0.00	0.0	2.468	0.001	0	0	0	3

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46783	PD.7011	B	6 A (CWC)	7.34Y	122.3	0.01	2.72	2.46	2	17	5	96	0.00	0.0	2.573	0.105	0	0	0	3
PL.46681	PL.46783	B	#4 ACSR	7.34Y	122.3	0.00	2.72	1.12	1	8	2	97	0.00	0.0	2.654	0.081	8	2	2	2
PL.46784	PL.46783	B	6 A (CWC)	7.34Y	122.3	0.00	2.72	1.35	1	10	2	98	0.00	0.0	2.635	0.062	10	2	1	1
PL.53649	PL.57793	ABC	336 MCM AC	7.33Y	122.2	0.06	2.77	100.47	19	2149	523	97	0.72	0.0	2.552	0.085	0	0	1	264
PL.59518	PL.53649	ABC	336 MCM AC	7.33Y	122.2	0.03	2.80	100.46	19	2148	521	97	0.33	0.0	2.591	0.039	0	0	0	263
PL.59519	PL.59518	A	#4 ACSR	7.33Y	122.2	0.00	2.80	1.51	1	11	3	96	0.00	0.0	2.595	0.004	0	0	0	2
PD.7929	PL.59519	A	65T	7.33Y	122.2	0.00	2.80	1.51	0	11	3	96	0.00	0.0	2.595	0.004	0	0	0	2
PL.53186	PD.7929	A	#4 ACSR	7.33Y	122.2	0.00	2.80	1.51	1	11	3	96	0.00	0.0	2.679	0.084	11	3	2	2
PL.59520	PL.59518	ABC	336 MCM AC	7.33Y	122.2	0.02	2.82	91.21	18	1951	469	97	0.21	0.0	2.622	0.030	8	2	1	240
PL.59521	PL.59520	ABC	336 MCM AC	7.33Y	122.1	0.05	2.87	90.83	18	1942	467	97	0.57	0.0	2.703	0.082	0	0	1	239
PL.54699	PL.59521	ABC	336 MCM AC	7.32Y	121.9	0.20	3.06	90.82	17	1942	465	97	2.11	0.1	3.007	0.303	0	0	0	238
PL.52673	PL.54699	ABC	336 MCM AC	7.31Y	121.9	0.04	3.10	90.82	17	1940	460	97	0.42	0.0	3.068	0.061	0	0	0	238
PL.46539	PL.52673	ABC	336 MCM AC	7.31Y	121.9	0.01	3.12	53.29	10	1142	250	98	0.09	0.0	3.106	0.038	0	0	0	138
PL.47191	PL.46539	ABC	336 MCM AC	7.30Y	121.7	0.15	3.27	53.12	10	1138	249	98	1.00	0.1	3.526	0.420	0	0	0	137
PL.47192	PL.47191	ABC	1/0 AL URD	7.30Y	121.7	0.00	3.27	0.54	0	11	3	96	0.00	0.0	3.530	0.004	0	0	0	2
PD.7258	PL.47192	ABC	40T	7.30Y	121.7	0.00	3.27	0.54	0	11	3	96	0.00	0.0	3.530	0.004	0	0	0	2
PL.47193	PD.7258	ABC	1/0 AL URD	7.30Y	121.7	0.00	3.27	0.54	0	11	3	96	0.00	0.0	3.576	0.046	3	1	1	2
PL.47194	PL.47193	ABC	1/0 AL URD	7.30Y	121.7	0.00	3.27	0.39	0	8	3	94	0.00	0.0	3.656	0.080	8	4	1	1
PL.58014	PL.47191	ABC	336 MCM AC	7.30Y	121.7	0.00	3.28	52.57	10	1126	244	98	0.03	0.0	3.540	0.014	0	0	0	135
P PL.58018	PL.58014	C	1/0 AL URD	7.30Y	121.7	0.00	3.28	-0.00	0	0	0	100	0.00	0.0	3.544	0.004	0	0	0	0 P
PD.8418	PL.58018	C	65T	7.30Y	121.7	0.00	3.28	-0.00	0	0	0	100	0.00	0.0	3.544	0.004	0	0	0	0
P PL.58017	PD.8418	C	1/0 AL URD	7.30Y	121.7	0.00	3.28	-0.00	0	0	0	100	0.00	0.0	3.548	0.004	0	0	0	0 P
PL.58016	PL.58014	ABC	1/0 AL URD	7.30Y	121.7	0.00	3.28	52.57	31	1126	244	98	0.04	0.0	3.544	0.004	0	0	0	135
PD.8417	PL.58016	ABC	30T	7.30Y	121.7	0.00	3.28	52.57	0	1126	244	98	0.00	0.0	3.544	0.004	0	0	0	135
PL.58824	PD.8417	ABC	1/0 AL URD	7.30Y	121.7	0.02	3.30	52.57	31	1126	244	98	0.15	0.0	3.560	0.016	0	0	0	135
PL.58756	PL.58824	B	1/0 AL URD	7.30Y	121.7	-0.00	3.30	-0.05	0	0	0	100	0.00	0.0	3.645	0.085	0	0	0	0
PL.64725	PL.58824	B	1/0 AL URD	7.29Y	121.5	0.22	3.52	19.61	12	139	33	97	0.25	0.2	3.934	0.374	5	1	2	13
PL.64726	PL.64725	B	1/0 AL URD	7.29Y	121.4	0.06	3.58	18.96	11	134	33	97	0.06	0.0	4.032	0.098	8	2	2	11
PL.47062	PL.64726	B	1/0 AL URD	7.28Y	121.4	0.03	3.61	17.85	10	126	31	97	0.03	0.0	4.085	0.053	0	0	0	9
PL.47063	PL.47062	B	1/0 AL URD	7.28Y	121.4	0.03	3.64	17.85	11	126	31	97	0.03	0.0	4.156	0.071	42	11	2	9
PL.47064	PL.47063	B	1/0 AL URD	7.28Y	121.3	0.01	3.65	11.96	7	85	21	97	0.01	0.0	4.180	0.024	0	0	0	7

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PL.45983	PL.47064	B	1/0 AL URD	7.28Y	121.3	0.02	3.67	7.22	4	51	13	97	0.01	0.0	4.293	0.113	7	2	1	2
PL.63583	PL.45983	B	1/0 AL URD	7.28Y	121.3	0.00	3.68	6.20	4	44	11	97	0.00	0.0	4.309	0.016	44	11	1	1
PL.47065	PL.47064	B	1/0 AL URD	7.28Y	121.3	0.00	3.65	4.74	3	34	8	97	0.00	0.0	4.203	0.023	13	3	1	5
PL.59857	PL.47065	B	1/0 AL URD	7.28Y	121.3	0.00	3.66	2.87	2	20	5	97	0.00	0.0	4.258	0.055	19	5	3	4
PL.59858	PL.59857	B	1/0 AL URD	7.28Y	121.3	0.00	3.66	0.16	0	1	0	100	0.00	0.0	4.359	0.101	1	0	1	1
P PL.47066	PL.59858	B	1/0 AL URD	7.28Y	121.3	-0.00	3.66	-0.01	0	0	0	100	0.00	0.0	4.386	0.027	0	0	0	0 P
PL.58757	PL.58824	B	1/0 AL URD	7.30Y	121.7	0.04	3.34	24.58	14	174	42	97	0.05	0.0	3.613	0.053	8	2	1	20
PL.63562	PL.58757	B	1/0 AL URD	7.30Y	121.7	0.00	3.34	23.40	14	166	40	97	0.00	0.0	3.613	0.000	20	5	1	19
PL.63563	PL.63562	B	1/0 AL URD	7.30Y	121.6	0.04	3.38	20.50	12	146	35	97	0.05	0.0	3.677	0.064	4	1	1	18
PL.60575	PL.63563	B	1/0 AL URD	7.30Y	121.6	0.00	3.38	19.89	12	141	34	97	0.00	0.0	3.677	0.000	18	5	1	17
PL.64345	PL.60575	B	1/0 AL URD	7.30Y	121.6	0.03	3.41	17.39	10	123	29	97	0.03	0.0	3.739	0.062	0	0	0	16
PL.64346	PL.64345	B	1/0 AL URD	7.30Y	121.6	0.00	3.41	17.40	10	123	30	97	0.00	0.0	3.739	0.000	0	0	0	16
PL.58825	PL.64346	B	1/0 AL URD	7.29Y	121.6	0.04	3.45	17.40	10	123	30	97	0.03	0.0	3.809	0.070	13	3	2	16
PL.47075	PL.58825	B	1/0 AL URD	7.29Y	121.5	0.04	3.48	15.58	9	111	26	97	0.03	0.0	3.892	0.083	24	6	1	14
PL.47074	PL.47075	B	1/0 AL URD	7.29Y	121.5	0.02	3.50	12.18	7	86	20	97	0.01	0.0	3.943	0.051	0	0	0	13
PL.47073	PL.47074	B	1/0 AL URD	7.29Y	121.5	0.03	3.53	12.19	7	86	21	97	0.02	0.0	4.016	0.074	0	0	0	13
PL.47072	PL.47073	B	1/0 AL URD	7.29Y	121.4	0.03	3.56	12.20	7	86	21	97	0.02	0.0	4.094	0.077	18	5	2	13
PL.47071	PL.47072	B	1/0 AL URD	7.29Y	121.4	0.02	3.57	9.66	6	68	17	97	0.01	0.0	4.147	0.053	6	2	1	11
PL.47068	PL.47071	B	1/0 AL URD	7.28Y	121.4	0.02	3.59	8.75	5	62	15	97	0.01	0.0	4.204	0.057	3	1	2	10
PL.47067	PL.47068	B	1/0 AL URD	7.28Y	121.4	0.01	3.60	8.29	5	59	14	97	0.00	0.0	4.247	0.043	16	4	3	8
PL.54892	PL.47067	B	1/0 AL URD	7.28Y	121.4	0.01	3.61	6.01	4	43	10	97	0.00	0.0	4.316	0.069	13	3	3	5
PL.64729	PL.54892	B	1/0 AL URD	7.28Y	121.4	0.00	3.61	4.23	2	30	7	97	0.00	0.0	4.362	0.046	17	4	1	2
PL.64730	PL.64729	B	1/0 AL URD	7.28Y	121.4	0.00	3.61	1.86	1	13	3	97	0.00	0.0	4.406	0.044	13	3	1	1
P PL.54891	PL.54892	B	1/0 AL URD	7.28Y	121.4	0.00	3.61	0.00	0	0	0	100	0.00	0.0	4.317	0.001	0	0	0	0 P
P PL.58755	PL.58824	B	1/0 AL URD	7.30Y	121.7	0.00	3.30	-0.02	0	0	0	100	0.00	0.0	3.594	0.034	0	0	0	0 P
PL.58758	PL.58824	ABC	1/0 AL URD	7.29Y	121.5	0.22	3.52	37.85	22	812	169	98	1.44	0.2	3.853	0.293	0	0	0	102
PL.58826	PL.58758	C	1/0 AL URD	7.29Y	121.5	0.02	3.54	11.24	7	80	20	97	0.01	0.0	3.936	0.083	31	8	3	5
PL.63618	PL.58826	C	1/0 AL URD	7.29Y	121.4	0.01	3.55	6.86	4	49	12	97	0.00	0.0	3.992	0.056	0	0	0	2
PL.63619	PL.63618	C	1/0 AL URD	7.29Y	121.4	0.01	3.56	6.87	4	49	12	97	0.00	0.0	4.044	0.052	22	6	1	2
PL.63617	PL.63619	C	1/0 AL URD	7.29Y	121.4	0.00	3.57	3.72	2	26	6	97	0.00	0.0	4.116	0.072	26	7	1	1
P PL.58015	PL.63617	C	1/0 AL URD	7.29Y	121.4	-0.00	3.57	-0.01	0	0	0	100	0.00	0.0	4.141	0.025	0	0	0	0 P

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru	
P	PL.64223		PL.63618	C	1/0 AL URD	7.29Y 121.4	0.00	3.55	-0.00	0	0	100	0.00	0.0	3.995	0.003	0	0	0	0 P	
	PL.58754		PL.58758	ABC	1/0 AL URD	7.29Y 121.5	0.00	3.52	0.49	0	11	2	98	0.00	0.0	3.896	0.044	11	3	2	2
	PL.58759		PL.58758	ABC	1/0 AL URD	7.28Y 121.4	0.09	3.61	33.65	20	720	151	98	0.52	0.1	3.987	0.134	0	0	0	95
	PL.47195		PL.58759	ABC	1/0 AL URD	7.28Y 121.3	0.07	3.68	28.88	17	618	128	98	0.36	0.1	4.112	0.125	0	0	0	81
	PL.47197		PL.47195	A	1/0 AL URD	7.28Y 121.3	0.01	3.69	11.82	7	84	20	97	0.00	0.0	4.128	0.016	1	0	1	7
	PL.47201		PL.47197	A	1/0 AL URD	7.28Y 121.3	0.02	3.71	11.65	7	83	19	97	0.01	0.0	4.193	0.065	33	9	2	6
	PL.47202		PL.47201	A	1/0 AL URD	7.28Y 121.3	0.01	3.72	7.01	4	50	11	98	0.00	0.0	4.279	0.087	22	6	1	4
	PL.47203		PL.47202	A	1/0 AL URD	7.28Y 121.3	0.01	3.73	3.89	2	28	6	98	0.00	0.0	4.340	0.061	0	0	0	3
	PL.64733		PL.47203	A	1/0 AL URD	7.28Y 121.3	0.00	3.73	3.90	2	28	6	98	0.00	0.0	4.397	0.056	18	5	1	3
	PL.64734		PL.64733	A	1/0 AL URD	7.28Y 121.3	0.00	3.73	1.30	1	9	1	99	0.00	0.0	4.459	0.063	4	1	1	2
	PL.47204		PL.64734	A	1/0 AL URD	7.28Y 121.3	0.00	3.74	0.80	0	6	1	99	0.00	0.0	4.543	0.083	0	0	0	1
	PL.46770		PL.47204	A	1/0 AL URD	7.28Y 121.3	0.00	3.74	0.80	0	6	1	99	0.00	0.0	4.624	0.081	6	1	1	1
P	PL.46771		PL.46770	A	1/0 AL URD	7.28Y 121.3	0.00	3.74	-0.02	0	0	0	100	0.00	0.0	4.662	0.038	0	0	0	0 P
	PL.53568		PL.47195	C	1/0 AL URD	7.28Y 121.3	0.00	3.68	1.31	1	9	2	98	0.00	0.0	4.172	0.060	9	2	1	1
	PL.47196		PL.47195	ABC	1/0 AL URD	7.28Y 121.3	0.02	3.71	24.51	14	524	107	98	0.10	0.0	4.162	0.050	0	0	0	73
	PL.45985		PL.47196	ABC	1/0 AL URD	7.27Y 121.2	0.06	3.76	21.48	13	460	93	98	0.21	0.0	4.295	0.133	0	0	0	67
	PL.46703		PL.45985	A	1/0 AL URD	7.27Y 121.2	0.01	3.77	7.79	5	55	12	98	0.00	0.0	4.317	0.022	0	0	0	6
	PL.47198		PL.46703	A	1/0 AL URD	7.27Y 121.2	0.01	3.78	7.80	5	55	12	98	0.00	0.0	4.353	0.036	7	2	1	6
	PL.47199		PL.47198	A	1/0 AL URD	7.27Y 121.2	0.01	3.78	6.87	4	49	11	98	0.00	0.0	4.382	0.029	0	0	0	5
	PL.46638		PL.47199	A	1/0 AL URD	7.27Y 121.2	0.01	3.80	6.88	4	49	11	98	0.00	0.0	4.452	0.070	14	4	2	5
	PL.47037		PL.46638	A	1/0 AL URD	7.27Y 121.2	0.01	3.80	4.91	3	35	8	97	0.00	0.0	4.512	0.060	8	2	1	3
	PL.47047		PL.47037	A	1/0 AL URD	7.27Y 121.2	0.00	3.81	3.73	2	26	6	97	0.00	0.0	4.554	0.042	0	0	0	2
	PL.53849		PL.47047	A	1/0 AL URD	7.27Y 121.2	0.00	3.81	3.73	2	26	6	97	0.00	0.0	4.587	0.033	16	4	1	2
	PL.53848		PL.53849	A	1/0 AL URD	7.27Y 121.2	0.00	3.81	1.44	1	10	2	98	0.00	0.0	4.625	0.038	0	0	0	1
	PL.47046		PL.53848	A	1/0 AL URD	7.27Y 121.2	0.00	3.82	1.44	1	10	2	98	0.00	0.0	4.673	0.048	0	0	0	1
	PL.46542		PL.47046	A	1/0 AL URD	7.27Y 121.2	0.00	3.82	1.45	1	10	2	98	0.00	0.0	4.726	0.053	0	0	0	1
	PL.46536		PL.46542	A	1/0 AL URD	7.27Y 121.2	0.00	3.82	1.45	1	10	2	98	0.00	0.0	4.769	0.043	10	3	1	1
P	PL.46547		PL.46536	A	1/0 AL URD	7.27Y 121.2	0.00	3.82	-0.02	0	0	0	100	0.00	0.0	4.811	0.042	0	0	0	0 P
	PL.63568		PL.45985	ABC	1/0 AL URD	7.27Y 121.1	0.12	3.89	18.90	11	404	82	98	0.40	0.1	4.621	0.326	0	0	0	61
	PL.63569		PL.63568	ABC	1/0 AL URD	7.27Y 121.1	0.01	3.90	3.74	2	80	17	98	0.01	0.0	4.770	0.149	6	2	1	14
	PL.45981		PL.63569	ABC	1/0 AL URD	7.27Y 121.1	0.01	3.90	3.46	2	74	17	97	0.00	0.0	4.878	0.108	0	0	0	13

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.45210	PL.45981	C	6 A (CWC)	7.26Y	121.0	0.06	3.96	5.89	4	42	10	97	0.02	0.0	5.086	0.208	0	0	0	5
PL.46538	PL.45210	C	#4 ACSR	7.26Y	121.0	0.00	3.96	1.13	1	8	2	97	0.00	0.0	5.133	0.047	0	0	0	1
PL.46541	PL.46538	C	#4 ACSR	7.26Y	121.0	0.00	3.96	1.13	1	8	2	97	0.00	0.0	5.204	0.071	8	2	1	1
PL.47022	PL.45210	C	6 A (CWC)	7.26Y	121.0	0.00	3.96	1.07	1	8	2	97	0.00	0.0	5.213	0.127	8	2	1	1
PL.46319	PL.45210	C	6 A (CWC)	7.26Y	121.0	0.00	3.96	2.72	2	19	5	97	0.00	0.0	5.159	0.072	19	5	2	2
PL.47034	PL.45210	C	1/0 AL URD	7.26Y	121.0	0.00	3.96	0.97	1	7	1	99	0.00	0.0	5.217	0.131	7	2	1	1
PL.53642	PL.45981	C	6 A (CWC)	7.27Y	121.1	0.00	3.91	1.74	1	12	3	97	0.00	0.0	4.988	0.109	12	3	3	3
PL.45982	PL.45981	C	1/0 AL URD	7.27Y	121.1	0.00	3.90	2.80	2	20	4	98	0.00	0.0	4.878	0.000	0	0	0	5
PD.7207	PL.45982	C	75QA	7.27Y	121.1	0.00	3.90	2.80	4	20	4	98	0.00	0.0	4.878	0.000	0	0	0	5
PL.47200	PD.7207	C	1/0 AL URD	7.27Y	121.1	0.00	3.91	2.80	2	20	4	98	0.00	0.0	4.883	0.004	0	0	0	5
PL.45980	PL.47200	C	1/0 AL URD	7.27Y	121.1	0.00	3.91	2.81	2	20	5	97	0.00	0.0	4.884	0.001	15	4	4	5
PL.46533	PL.45980	C	1/0 AL URD	7.27Y	121.1	0.00	3.91	0.66	0	5	1	98	0.00	0.0	4.938	0.053	0	0	0	1
PL.46704	PL.46533	C	1/0 AL URD	7.27Y	121.1	0.00	3.91	0.66	0	5	1	98	0.00	0.0	5.016	0.079	5	1	1	1
P PL.47020	PL.47200	C	1/0 AL URD	7.27Y	121.1	0.00	3.91	-0.03	0	0	0	100	0.00	0.0	4.931	0.048	0	0	0	0 P
PL.63570	PL.63568	C	1/0 AL URD	7.25Y	120.9	0.22	4.11	23.35	14	166	36	98	0.30	0.2	4.927	0.306	0	0	0	29
PL.46373	PL.63570	C	1/0 AL URD	7.25Y	120.8	0.09	4.20	23.38	14	165	37	98	0.12	0.1	5.055	0.128	0	0	0	29
PL.46372	PL.46373	C	1/0 AL URD	7.24Y	120.7	0.08	4.28	23.40	14	165	38	97	0.10	0.1	5.167	0.112	7	2	2	29
PL.46845	PL.46372	C	1/0 AL URD	7.23Y	120.6	0.14	4.42	22.47	13	159	36	98	0.17	0.1	5.365	0.197	5	1	1	27
PL.46595	PL.46845	C	1/0 AL URD	7.23Y	120.5	0.11	4.53	21.75	13	153	36	97	0.13	0.1	5.524	0.160	0	0	0	26
PL.46596	PL.46595	C	1/0 AL URD	7.23Y	120.4	0.03	4.56	21.77	13	153	36	97	0.04	0.0	5.576	0.051	7	2	4	26
PL.46594	PL.46596	C	1/0 AL URD	7.22Y	120.4	0.04	4.60	20.83	12	146	35	97	0.05	0.0	5.637	0.061	6	2	1	22
PL.46593	PL.46594	C	1/0 AL URD	7.22Y	120.4	0.03	4.63	19.91	12	140	33	97	0.03	0.0	5.688	0.051	25	7	2	21
PL.46779	PL.46593	C	1/0 AL URD	7.22Y	120.3	0.02	4.65	16.34	10	115	27	97	0.02	0.0	5.735	0.047	1	0	1	19
PL.46778	PL.46779	C	1/0 AL URD	7.22Y	120.3	0.03	4.68	16.15	10	114	27	97	0.02	0.0	5.789	0.053	0	0	0	18
PL.46777	PL.46778	C	1/0 AL URD	7.22Y	120.3	0.03	4.71	16.16	10	113	27	97	0.03	0.0	5.845	0.056	3	1	2	18
PL.46776	PL.46777	C	1/0 AL URD	7.22Y	120.3	0.02	4.73	15.75	9	111	26	97	0.02	0.0	5.897	0.052	12	3	2	16
PL.46775	PL.46776	C	1/0 AL URD	7.21Y	120.2	0.03	4.76	13.99	8	98	23	97	0.02	0.0	5.966	0.069	0	0	0	14
PL.46774	PL.46775	C	1/0 AL URD	7.21Y	120.2	0.03	4.79	14.00	8	98	24	97	0.02	0.0	6.044	0.078	34	9	3	14
PL.46773	PL.46774	C	1/0 AL URD	7.21Y	120.2	0.02	4.81	9.16	5	64	15	97	0.01	0.0	6.100	0.056	6	2	1	11
PL.46772	PL.46773	C	1/0 AL URD	7.21Y	120.2	0.01	4.82	8.25	5	58	14	97	0.01	0.0	6.162	0.061	9	2	2	10
PL.46716	PL.46772	C	1/0 AL URD	7.21Y	120.2	0.01	4.83	6.92	4	49	11	98	0.00	0.0	6.207	0.045	6	2	1	8

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	Element KW	KVAR	Cons On	Cons Thru
PL.46715	PL.46716	C	1/0 AL URD	7.21Y	120.2	0.01	4.84	6.02	4	42	10	97	0.00	0.0	6.280	0.073	4	1	1	7
PL.46426	PL.46715	C	1/0 AL URD	7.21Y	120.1	0.01	4.86	5.50	3	39	9	97	0.00	0.0	6.369	0.089	4	1	1	6
PL.46714	PL.46426	C	1/0 AL URD	7.21Y	120.1	0.00	4.86	4.99	3	35	9	97	0.00	0.0	6.405	0.036	14	4	2	5
PL.47038	PL.46714	C	1/0 AL URD	7.21Y	120.1	0.00	4.87	3.01	2	21	5	97	0.00	0.0	6.470	0.065	21	5	3	3
P PL.46425	PL.47038	C	1/0 AL URD	7.21Y	120.1	0.00	4.87	0.00	0	0	0	100	0.00	0.0	6.472	0.001	0	0	0	0 P
PL.63571	PL.63568	C	1/0 AL URD	7.26Y	121.0	0.07	3.96	22.24	13	158	33	98	0.09	0.1	4.728	0.107	0	0	0	18
PL.63574	PL.63571	C	1/0 AL URD	7.26Y	121.0	0.00	3.97	22.25	13	158	33	98	0.01	0.0	4.735	0.006	2	1	1	18
PL.63575	PL.63574	C	1/0 AL URD	7.26Y	121.0	0.00	3.97	21.90	13	156	33	98	0.01	0.0	4.741	0.006	0	0	0	17
PL.63572	PL.63575	C	1/0 AL URD	7.26Y	120.9	0.10	4.07	21.90	13	156	33	98	0.12	0.1	4.888	0.148	0	0	0	17
PL.63573	PL.63572	C	1/0 AL URD	7.25Y	120.9	0.06	4.13	21.91	13	155	33	98	0.07	0.0	4.975	0.087	0	0	0	17
PL.47045	PL.63573	C	1/0 AL URD	7.25Y	120.8	0.07	4.20	21.92	13	155	34	98	0.09	0.1	5.079	0.104	0	0	0	17
PL.46374	PL.47045	C	1/0 AL URD	7.24Y	120.7	0.08	4.28	21.93	13	155	34	98	0.10	0.1	5.198	0.118	0	0	0	17
P PL.46853	PL.46374	C	1/0 AL URD	7.24Y	120.7	0.00	4.28	0.00	0	0	0	100	0.00	0.0	5.199	0.002	0	0	0	0 P
PL.46844	PL.46374	C	1/0 AL URD	7.24Y	120.7	0.00	4.28	11.68	7	83	17	98	0.00	0.0	5.201	0.004	0	0	0	12
PL.45562	PL.46844	C	1/0 AL URD	7.24Y	120.7	0.03	4.31	11.68	7	83	17	98	0.02	0.0	5.287	0.086	0	0	0	12
PL.45567	PL.45562	C	1/0 AL URD	7.24Y	120.6	0.06	4.38	11.69	7	83	18	98	0.04	0.1	5.462	0.174	0	0	0	12
PL.47042	PL.45567	C	1/0 AL URD	7.24Y	120.6	0.04	4.41	11.71	7	83	18	98	0.02	0.0	5.569	0.108	7	2	1	12
PL.46218	PL.47042	C	1/0 AL URD	7.23Y	120.6	0.01	4.43	10.65	6	75	17	98	0.01	0.0	5.620	0.051	17	4	1	11
PL.46846	PL.46218	C	1/0 AL URD	7.23Y	120.6	0.01	4.44	8.19	5	58	13	98	0.01	0.0	5.674	0.053	0	0	0	10
PL.54692	PL.46846	C	1/0 AL URD	7.23Y	120.5	0.02	4.46	8.20	5	58	13	98	0.01	0.0	5.751	0.077	6	1	1	10
PL.54693	PL.54692	C	1/0 AL URD	7.23Y	120.5	0.01	4.47	7.42	4	52	12	97	0.01	0.0	5.812	0.061	9	2	1	9
PL.46371	PL.54693	C	1/0 AL URD	7.23Y	120.5	0.01	4.49	6.17	4	44	10	98	0.00	0.0	5.886	0.074	11	3	2	8
PL.46862	PL.46371	C	1/0 AL URD	7.23Y	120.5	0.01	4.50	4.55	3	32	7	98	0.00	0.0	5.951	0.065	9	2	2	6
PL.46863	PL.46862	C	1/0 AL URD	7.23Y	120.5	0.00	4.50	3.32	2	23	5	98	0.00	0.0	5.999	0.047	6	2	1	4
PL.46421	PL.46863	C	1/0 AL URD	7.23Y	120.5	0.01	4.51	2.40	1	17	3	98	0.00	0.0	6.079	0.081	2	1	1	3
PL.46422	PL.46421	C	1/0 AL URD	7.23Y	120.5	0.00	4.51	2.11	1	15	3	98	0.00	0.0	6.137	0.057	11	3	1	2
PL.46423	PL.46422	C	1/0 AL URD	7.23Y	120.5	0.00	4.51	0.49	0	4	0	100	0.00	0.0	6.193	0.057	4	1	1	1
P PL.46424	PL.46423	C	1/0 AL URD	7.23Y	120.5	-0.00	4.51	-0.04	0	0	0	100	0.00	0.0	6.268	0.074	0	0	0	0 P
PL.46852	PL.46374	C	1/0 AL URD	7.24Y	120.6	0.08	4.36	10.27	6	72	17	97	0.05	0.1	5.449	0.251	0	0	0	5
PD.7269	PL.46852	C	25QA	7.24Y	120.6	0.00	4.36	10.30	41	72	18	97	0.00	0.0	5.449	0.251	0	0	0	5
PL.54841	PD.7269	C	1/0 AL URD	7.24Y	120.6	0.00	4.36	10.30	6	72	18	97	0.00	0.0	5.450	0.001	0	0	0	5

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.54840	PL.54841	C	1/0 AL URD	7.24Y	120.6	-0.00	4.36	-0.12	0	0	-1	0	0.00	0.0	5.451	0.001	0	0	0	0
PD.7246	PL.54840	C	25QA	7.24Y	120.6	0.00	4.36	-0.12	0	0	-1	0	0.00	0.0	5.451	0.001	0	0	0	0
PL.46602	PD.7246	C	1/0 AL URD	7.24Y	120.6	-0.00	4.36	-0.12	0	0	-1	0	0.00	0.0	5.685	0.234	0	0	0	0
PL.54842	PL.54841	C	6 A (CWC)	7.24Y	120.6	0.00	4.36	10.33	7	72	19	97	0.00	0.0	5.451	0.001	20	5	1	5
PL.54843	PL.54842	C	6 A (CWC)	7.23Y	120.6	0.07	4.43	7.41	5	52	13	97	0.03	0.1	5.664	0.212	0	0	0	4
PL.57575	PL.54843	C	#4 ACSR	7.23Y	120.6	0.01	4.44	3.51	3	25	6	97	0.00	0.0	5.720	0.056	0	0	0	1
PL.57576	PL.57575	C	1/0 AL URD	7.23Y	120.6	0.00	4.45	3.51	2	25	6	97	0.00	0.0	5.761	0.041	25	6	1	1
PL.54839	PL.54843	C	6 A (CWC)	7.23Y	120.6	0.01	4.44	3.90	3	27	7	97	0.00	0.0	5.730	0.066	21	5	1	3
PL.54762	PL.54839	C	6 A (CWC)	7.23Y	120.6	0.00	4.45	0.92	1	6	2	95	0.00	0.0	5.863	0.133	2	1	1	2
PL.54454	PL.54762	C	6 A (CWC)	7.23Y	120.6	0.00	4.45	0.57	0	4	1	97	0.00	0.0	5.929	0.066	4	1	1	1
PL.45565	PL.47196	A	1/0 AL URD	7.28Y	121.3	0.00	3.71	9.10	5	65	15	97	0.00	0.0	4.181	0.019	9	2	1	6
PL.46222	PL.45565	A	1/0 AL URD	7.28Y	121.3	0.01	3.72	7.79	5	55	12	98	0.00	0.0	4.228	0.047	0	0	0	5
PL.47036	PL.46222	A	1/0 AL URD	7.28Y	121.3	0.01	3.73	7.79	5	55	13	97	0.00	0.0	4.269	0.041	0	0	0	5
PL.46535	PL.47036	A	1/0 AL URD	7.28Y	121.3	0.01	3.75	7.80	5	55	13	97	0.01	0.0	4.325	0.056	0	0	0	5
PL.46636	PL.46535	A	1/0 AL URD	7.27Y	121.2	0.01	3.76	7.80	5	55	13	97	0.00	0.0	4.367	0.042	15	4	1	5
PL.46637	PL.46636	A	1/0 AL URD	7.27Y	121.2	0.01	3.76	5.62	3	40	9	98	0.00	0.0	4.419	0.051	0	0	0	4
PL.46537	PL.46637	A	1/0 AL URD	7.27Y	121.2	0.01	3.77	5.62	3	40	9	98	0.00	0.0	4.455	0.036	0	0	0	4
PL.45564	PL.46537	A	1/0 AL URD	7.27Y	121.2	0.01	3.78	5.63	3	40	9	98	0.00	0.0	4.491	0.037	15	4	2	4
PL.47040	PL.45564	A	1/0 AL URD	7.27Y	121.2	0.00	3.78	3.50	2	25	6	97	0.00	0.0	4.533	0.042	11	3	1	2
PL.47041	PL.47040	A	1/0 AL URD	7.27Y	121.2	0.00	3.78	1.94	1	14	3	98	0.00	0.0	4.591	0.058	0	0	0	1
PL.46545	PL.47041	A	1/0 AL URD	7.27Y	121.2	0.00	3.79	1.95	1	14	3	98	0.00	0.0	4.630	0.038	0	0	0	1
PL.46546	PL.46545	A	1/0 AL URD	7.27Y	121.2	0.00	3.79	1.96	1	14	3	98	0.00	0.0	4.705	0.076	14	4	1	1
P PL.46548	PL.46546	A	1/0 AL URD	7.27Y	121.2	0.00	3.79	0.00	0	0	0	100	0.00	0.0	4.707	0.002	0	0	0	0 P
PL.45984	PL.58759	B	1/0 AL URD	7.28Y	121.4	0.00	3.61	-0.03	0	0	0	100	0.00	0.0	4.043	0.056	0	0	0	0
PL.46551	PL.58759	A	1/0 AL URD	7.28Y	121.4	0.02	3.62	14.36	8	102	24	97	0.01	0.0	4.021	0.034	0	0	0	14
PL.54836	PL.46551	A	1/0 AL URD	7.28Y	121.3	0.03	3.65	14.37	8	102	25	97	0.02	0.0	4.088	0.067	14	4	1	14
PL.54837	PL.54836	A	1/0 AL URD	7.28Y	121.3	0.03	3.68	12.37	7	88	21	97	0.02	0.0	4.166	0.077	14	4	1	13
PL.54838	PL.54837	A	1/0 AL URD	7.28Y	121.3	0.01	3.69	10.45	6	74	18	97	0.00	0.0	4.190	0.024	22	6	4	12
PL.46768	PL.54838	A	1/0 AL URD	7.28Y	121.3	0.01	3.70	7.36	4	52	12	97	0.01	0.0	4.249	0.059	6	2	1	8
PL.46769	PL.46768	A	1/0 AL URD	7.28Y	121.3	0.01	3.71	6.49	4	46	11	97	0.00	0.0	4.305	0.056	4	1	1	7
PL.46639	PL.46769	A	1/0 AL URD	7.28Y	121.3	0.00	3.72	5.92	3	42	10	97	0.00	0.0	4.333	0.029	8	2	1	6

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46640	PL.46639	A	1/0 AL URD	7.28Y	121.3	0.01	3.72	4.73	3	33	8	97	0.00	0.0	4.385	0.051	10	3	1	5
PL.47044	PL.46640	A	1/0 AL URD	7.28Y	121.3	0.00	3.72	3.28	2	23	6	97	0.00	0.0	4.424	0.039	12	3	2	4
PL.45566	PL.47044	A	1/0 AL URD	7.28Y	121.3	0.00	3.73	1.62	1	11	3	96	0.00	0.0	4.511	0.087	11	3	2	2
P PL.46717	PL.45566	A	1/0 AL URD	7.28Y	121.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	4.512	0.001	0	0	0	0 P
PL.46540	PL.46539	C	1/0 AL URD	7.31Y	121.9	0.00	3.12	0.53	0	4	1	97	0.00	0.0	3.107	0.000	0	0	0	1
PD.7217	PL.46540	C	20T	7.31Y	121.9	0.00	3.12	0.53	0	4	1	97	0.00	0.0	3.107	0.000	0	0	0	1
PL.46644	PD.7217	C	1/0 AL URD	7.31Y	121.9	0.00	3.12	0.53	0	4	1	97	0.00	0.0	3.187	0.080	4	1	1	1
PL.64673	PL.52673	ABC	336 MCM AC	7.31Y	121.8	0.07	3.17	37.55	7	797	209	97	0.29	0.0	3.311	0.244	0	0	0	100
PL.72971	PL.64673	A	1/0 AL URD	7.31Y	121.8	0.00	3.17	0.23	0	2	0	100	0.00	0.0	3.385	0.074	2	0	1	1
PL.64674	PL.64673	ABC	336 MCM AC	7.31Y	121.8	0.05	3.22	37.47	7	795	209	97	0.20	0.0	3.484	0.172	0	0	0	99
PL.53847	PL.64674	ABC	336 MCM AC	7.31Y	121.8	0.02	3.24	37.47	7	795	208	97	0.08	0.0	3.554	0.071	0	0	0	99
PL.46649	PL.53847	ABC	336 MCM AC	7.30Y	121.7	0.05	3.28	33.79	7	717	188	97	0.18	0.0	3.739	0.185	0	0	0	91
PL.46650	PL.46649	A	#2 ACSR	7.30Y	121.7	0.00	3.28	1.55	1	11	3	96	0.00	0.0	3.740	0.001	0	0	0	1
PD.7283	PL.46650	A	50T	7.30Y	121.7	0.00	3.28	1.55	0	11	3	96	0.00	0.0	3.740	0.001	0	0	0	1
PL.46651	PD.7283	A	#2 ACSR	7.30Y	121.7	0.00	3.28	1.55	1	11	3	96	0.00	0.0	3.817	0.077	11	3	1	1
PL.46520	PL.46649	ABC	336 MCM AC	7.30Y	121.7	0.02	3.31	33.28	6	705	184	97	0.09	0.0	3.839	0.100	0	0	0	90
PL.57811	PL.46520	ABC	336 MCM AC	7.30Y	121.7	0.02	3.32	31.44	6	666	174	97	0.06	0.0	3.909	0.070	0	0	0	86
PL.57813	PL.57811	ABC	336 MCM AC	7.30Y	121.7	0.01	3.33	30.21	6	640	167	97	0.03	0.0	3.948	0.039	0	0	0	84
PD.8414-A	PL.57813	B	Closed	7.30Y	121.7	0.00	3.33	90.64	0	640	167	97	0.00	0.0	3.948	0.039	0	0	0	84
PD.8414-B	PD.8414-A	B	Closed	7.30Y	121.7	0.00	3.33	90.64	0	640	167	97	0.00	0.0	3.948	0.039	0	0	0	84
PL.57814	PD.8414-B	B	6 A (CWC)	7.30Y	121.7	0.02	3.35	90.64	65	640	167	97	0.08	0.0	3.952	0.004	0	0	0	84
PL.57815	PL.57814	B	6 A (CWC)	7.30Y	121.6	0.01	3.36	33.93	24	240	63	97	0.01	0.0	3.957	0.005	0	0	0	28
PD.8415-A	PL.57815	B	Closed	7.30Y	121.6	0.00	3.36	33.93	0	240	63	97	0.00	0.0	3.957	0.005	0	0	0	28
PD.8415-B	PD.8415-A	B	Closed	7.30Y	121.6	0.00	3.36	33.93	0	240	63	97	0.00	0.0	3.957	0.005	0	0	0	28
PL.59498	PD.8415-B	B	6 A (CWC)	7.30Y	121.6	0.06	3.41	33.93	24	240	63	97	0.11	0.0	3.996	0.039	7	2	1	28
PL.59499	PL.59498	B	6 A (CWC)	7.30Y	121.6	0.00	3.42	6.04	4	43	11	97	0.00	0.0	3.999	0.003	0	0	0	7
PD.8783	PL.59499	B	40T	7.30Y	121.6	0.00	3.42	6.04	0	43	11	97	0.00	0.0	3.999	0.003	0	0	0	7
PL.59496	PD.8783	B	6 A (CWC)	7.29Y	121.6	0.02	3.43	6.04	4	43	11	97	0.01	0.0	4.065	0.066	2	0	1	7
PL.59495	PL.59496	B	#2 ACSR	7.29Y	121.6	0.00	3.43	2.20	1	16	4	97	0.00	0.0	4.076	0.010	14	4	2	3
PL.53225	PL.59495	B	#2 ACSR	7.29Y	121.6	0.00	3.43	0.20	0	1	0	100	0.00	0.0	4.131	0.055	1	0	1	1
PL.59494	PL.59494	B	6 A (CWC)	7.29Y	121.6	0.00	3.44	3.58	3	25	7	96	0.00	0.0	4.119	0.054	25	7	3	3

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.59497	PL.59498	B	#2 ACSR	7.29Y	121.5	0.06	3.47	26.86	15	190	50	97	0.08	0.0	4.063	0.067	0	0	0	20
PL.59500	PL.59497	B	#2 ACSR	7.29Y	121.5	0.00	3.47	26.86	15	189	49	97	0.00	0.0	4.066	0.003	0	0	0	20
PD.8784	PL.59500	B	50T	7.29Y	121.5	0.00	3.47	26.86	0	189	49	97	0.00	0.0	4.066	0.003	0	0	0	20
PL.59501	PD.8784	B	#2 ACSR	7.29Y	121.5	0.05	3.52	26.86	15	189	49	97	0.07	0.0	4.127	0.061	0	0	0	20
PL.46358	PL.59501	B	#2 ACSR	7.28Y	121.4	0.08	3.60	23.91	14	169	44	97	0.10	0.1	4.231	0.104	0	0	0	19
PL.45942	PL.46358	B	#2 ACSR	7.28Y	121.4	0.03	3.63	22.66	13	160	42	97	0.04	0.0	4.275	0.044	0	0	0	18
PL.46208	PL.45942	B	#2 ACSR	7.28Y	121.3	0.03	3.66	20.38	12	144	37	97	0.03	0.0	4.316	0.041	1	0	1	17
PL.46209	PL.46208	B	#2 ACSR	7.28Y	121.3	0.02	3.68	20.26	12	143	37	97	0.02	0.0	4.348	0.032	0	0	0	16
PL.53558	PL.46209	B	#2 ACSR	7.28Y	121.3	0.00	3.68	0.00	0	0	0	100	0.00	0.0	4.379	0.031	0	0	0	0
PL.53559	PL.46209	B	#2 ACSR	7.28Y	121.3	0.03	3.71	20.26	12	143	37	97	0.03	0.0	4.393	0.045	14	4	1	16
PL.53560	PL.53559	B	#2 ACSR	7.27Y	121.2	0.05	3.76	17.34	10	122	32	97	0.05	0.0	4.488	0.095	0	0	0	14
PL.45209	PL.53560	B	#2 ACSR	7.27Y	121.2	0.02	3.77	14.45	8	102	26	97	0.01	0.0	4.524	0.036	0	0	0	12
PL.59507	PL.45209	B	#2 ACSR	7.27Y	121.2	0.00	3.78	2.43	1	17	4	97	0.00	0.0	4.527	0.003	0	0	0	2
PD.8788	PL.59507	B	20T	7.27Y	121.2	0.00	3.78	2.43	0	17	4	97	0.00	0.0	4.527	0.003	0	0	0	2
PL.59511	PD.8788	B	#2 ACSR	7.27Y	121.2	0.00	3.78	2.43	1	17	4	97	0.00	0.0	4.573	0.046	17	4	2	2
PL.59508	PL.45209	B	#2 ACSR	7.27Y	121.2	0.02	3.80	12.02	7	85	22	97	0.01	0.0	4.585	0.062	9	2	1	10
PL.59509	PL.59508	B	#2 ACSR	7.27Y	121.2	0.02	3.81	9.39	5	66	17	97	0.01	0.0	4.641	0.055	0	0	0	8
PL.45929	PL.59509	B	#2 ACSR	7.27Y	121.2	0.01	3.82	6.54	4	46	12	97	0.00	0.0	4.679	0.038	0	0	0	5
PL.59515	PL.45929	B	#2 ACSR	7.27Y	121.2	0.00	3.82	0.30	0	2	1	89	0.00	0.0	4.683	0.004	0	0	0	1
PD.8790	PL.59515	B	20T	7.27Y	121.2	0.00	3.82	0.30	0	2	1	89	0.00	0.0	4.683	0.004	0	0	0	1
PL.59516	PD.8790	B	#2 ACSR	7.27Y	121.2	0.00	3.82	0.30	0	2	1	89	0.00	0.0	4.718	0.035	2	1	1	1
PL.46391	PL.45929	B	#2 ACSR	7.27Y	121.2	0.01	3.83	6.24	4	44	11	97	0.00	0.0	4.738	0.059	0	0	0	4
PL.57656	PL.46391	B	#2 ACSR	7.27Y	121.2	0.01	3.84	1.13	1	8	2	97	0.00	0.0	5.032	0.294	8	2	1	1
PL.57657	PL.57656	B	#2 ACSR	7.27Y	121.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	5.081	0.049	0	0	0	0
PD.8463-A	PL.57657	B	Open	7.27Y	121.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	5.081	0.049	0	0	0	0
PL.57801	PL.46391	B	#2 ACSR	7.27Y	121.2	0.00	3.83	5.11	3	36	9	97	0.00	0.0	4.738	0.000	0	0	0	3
PD.8410	PL.57801	B	20T	7.27Y	121.2	0.00	3.83	5.11	0	36	9	97	0.00	0.0	4.738	0.000	0	0	0	3
PL.57802	PD.8410	B	#2 ACSR	7.27Y	121.2	0.00	3.83	5.11	3	36	9	97	0.00	0.0	4.739	0.000	0	0	0	3
PL.57800	PL.57802	B	#2 ACSR	7.27Y	121.2	0.00	3.83	1.13	1	8	2	97	0.00	0.0	4.812	0.073	8	2	1	1
PL.57799	PL.57802	B	#2 ACSR	7.27Y	121.2	0.00	3.83	3.99	2	28	7	97	0.00	0.0	4.765	0.027	15	4	1	2
PL.64672	PL.57799	B	#2 ACSR	7.27Y	121.2	0.00	3.84	1.79	1	13	3	97	0.00	0.0	4.782	0.017	13	3	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: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.59513	PL.59509	B	#2 ACSR	7.27Y	121.2	0.00	3.81	2.85	2	20	5	97	0.00	0.0	4.644	0.003	0	0	0	3
PD.8789	PL.59513	B	20T	7.27Y	121.2	0.00	3.81	2.85	0	20	5	97	0.00	0.0	4.644	0.003	0	0	0	3
PL.59514	PD.8789	B	#2 ACSR	7.27Y	121.2	0.00	3.81	2.85	2	20	5	97	0.00	0.0	4.675	0.030	20	5	3	3
PL.59510	PL.59508	B	#1/0 ACSR	7.27Y	121.2	0.00	3.80	1.28	1	9	2	98	0.00	0.0	4.654	0.069	9	2	1	1
PL.59504	PL.53560	B	#2 ACSR	7.27Y	121.2	0.00	3.76	1.72	1	12	3	97	0.00	0.0	4.492	0.003	0	0	0	1
PD.8786	PL.59504	B	20T	7.27Y	121.2	0.00	3.76	1.72	0	12	3	97	0.00	0.0	4.492	0.003	0	0	0	1
PL.59512	PD.8786	B	#2 ACSR	7.27Y	121.2	0.00	3.76	1.72	1	12	3	97	0.00	0.0	4.524	0.033	12	3	1	1
PL.59505	PL.53560	B	#2 ACSR	7.27Y	121.2	0.00	3.76	1.17	1	8	2	97	0.00	0.0	4.492	0.004	0	0	0	1
PD.8787	PL.59505	B	20T	7.27Y	121.2	0.00	3.76	1.17	0	8	2	97	0.00	0.0	4.492	0.004	0	0	0	1
PL.59506	PD.8787	B	#2 ACSR	7.27Y	121.2	0.00	3.76	1.17	1	8	2	97	0.00	0.0	4.585	0.093	8	2	1	1
PL.53561	PL.53559	B	#2 ACSR	7.28Y	121.3	0.00	3.71	0.92	1	6	2	95	0.00	0.0	4.439	0.046	6	2	1	1
PL.59502	PL.45942	B	#2 ACSR	7.28Y	121.4	0.00	3.63	2.28	1	16	4	97	0.00	0.0	4.279	0.003	0	0	0	1
PD.8785	PL.59502	B	25T	7.28Y	121.4	0.00	3.63	2.28	0	16	4	97	0.00	0.0	4.279	0.003	0	0	0	1
PL.59503	PD.8785	B	#2 ACSR	7.28Y	121.4	0.00	3.64	2.28	1	16	4	97	0.00	0.0	4.329	0.051	16	4	1	1
PL.46359	PL.46358	B	#2 ACSR	7.28Y	121.4	0.00	3.60	1.25	1	9	2	98	0.00	0.0	4.232	0.001	0	0	0	1
PD.7265	PL.46359	B	25T	7.28Y	121.4	0.00	3.60	1.25	0	9	2	98	0.00	0.0	4.232	0.001	0	0	0	1
PL.46360	PD.7265	B	#2 ACSR	7.28Y	121.4	0.00	3.60	1.25	1	9	2	98	0.00	0.0	4.275	0.042	9	2	1	1
PL.53725	PL.59501	B	#2 ACSR	7.29Y	121.5	0.00	3.53	2.95	2	21	5	97	0.00	0.0	4.166	0.039	21	5	1	1
PL.57810	PL.57814	B	6 A (CWC)	7.29Y	121.5	0.13	3.48	54.25	39	383	100	97	0.37	0.1	4.004	0.052	0	0	0	54
PL.59527	PL.57810	B	6 A (CWC)	7.29Y	121.5	0.01	3.48	50.50	36	356	93	97	0.02	0.0	4.007	0.003	0	0	0	53
PD.8792	PL.59527	B	140CodeSMo	7.29Y	121.5	0.00	3.48	50.50	0	356	93	97	0.00	0.0	4.007	0.003	0	0	0	53
PL.59529	PD.8792	B	6 A (CWC)	7.29Y	121.5	0.01	3.49	50.50	36	356	93	97	0.03	0.0	4.012	0.005	10	3	2	53
PL.59528	PL.59529	B	6 A (CWC)	7.28Y	121.4	0.11	3.60	46.17	33	326	85	97	0.25	0.1	4.064	0.052	24	6	3	48
PL.59523	PL.59528	B	6 A (CWC)	7.28Y	121.3	0.10	3.70	36.01	26	254	66	97	0.18	0.1	4.126	0.062	16	4	2	40
PL.58921	PL.59523	B	6 A (CWC)	7.28Y	121.3	0.05	3.74	28.10	20	198	52	97	0.07	0.0	4.163	0.037	13	3	1	29
PL.61835	PL.58921	B	6 A (CWC)	7.27Y	121.2	0.11	3.85	24.82	18	175	45	97	0.13	0.1	4.264	0.101	25	7	5	25
PL.61836	PL.61835	B	#1/0 ACSR	7.27Y	121.2	0.00	3.85	11.72	5	82	21	97	0.00	0.0	4.264	0.000	0	0	0	12
PD.9321	PL.61836	B	25T	7.27Y	121.2	0.00	3.85	11.72	0	82	21	97	0.00	0.0	4.264	0.000	0	0	0	12
PL.61837	PD.9321	B	#1/0 ACSR	7.27Y	121.2	0.00	3.85	11.72	5	82	21	97	0.00	0.0	4.265	0.000	0	0	0	12
PL.61833	PL.61837	B	#1/0 ACSR	7.27Y	121.1	0.00	3.85	2.54	1	18	5	96	0.00	0.0	4.313	0.048	10	3	1	3
PL.61834	PL.61833	B	#1/0 ACSR	7.27Y	121.1	0.00	3.85	1.07	0	8	2	97	0.00	0.0	4.400	0.087	8	2	2	2

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.61832	PL.61837	B	#2 ACSR	7.27Y	121.1	0.01	3.86	9.18	5	65	17	97	0.00	0.0	4.296	0.031	21	6	3	9
PL.53573	PL.61832	B	#2 ACSR	7.27Y	121.1	0.00	3.86	6.14	4	43	11	97	0.00	0.0	4.314	0.018	43	11	6	6
PL.58923	PL.61835	B	6 A (CWC)	7.27Y	121.1	0.00	3.85	9.48	7	67	17	97	0.00	0.0	4.269	0.005	0	0	0	8
PD.8752	PL.58923	B	25T	7.27Y	121.1	0.00	3.85	9.48	0	67	17	97	0.00	0.0	4.269	0.005	0	0	0	8
PL.58922	PD.8752	B	6 A (CWC)	7.27Y	121.1	0.04	3.89	9.48	7	67	17	97	0.02	0.0	4.351	0.082	0	0	0	8
PL.63629	PL.58922	B	6 A (CWC)	7.27Y	121.1	0.01	3.90	5.05	4	36	9	97	0.00	0.0	4.417	0.066	8	2	1	4
PL.63630	PL.63629	B	6 A (CWC)	7.27Y	121.1	0.00	3.90	3.89	3	27	7	97	0.00	0.0	4.417	0.000	0	0	0	3
PL.46400	PL.63630	B	6 A (CWC)	7.27Y	121.1	0.00	3.91	3.89	3	27	7	97	0.00	0.0	4.444	0.027	0	0	0	3
PL.46402	PL.46400	B	#4 ACSR	7.27Y	121.1	0.00	3.91	1.38	1	10	3	96	0.00	0.0	4.475	0.031	0	0	1	2
PL.46403	PL.46402	B	#4 ACSR	7.27Y	121.1	0.00	3.91	1.38	1	10	3	96	0.00	0.0	4.506	0.031	10	3	1	1
PL.46401	PL.46400	B	#4 ACSR	7.27Y	121.1	0.00	3.91	2.50	2	18	5	96	0.00	0.0	4.496	0.052	18	5	1	1
PL.57798	PL.58922	B	6 A (CWC)	7.27Y	121.1	0.01	3.89	4.43	3	31	8	97	0.00	0.0	4.391	0.040	11	3	2	4
PL.46043	PL.57798	B	6 A (CWC)	7.27Y	121.1	0.00	3.90	1.47	1	10	3	96	0.00	0.0	4.462	0.071	10	3	1	1
PL.46411	PL.57798	B	#4 ACSR	7.27Y	121.1	0.00	3.90	1.43	1	10	3	96	0.00	0.0	4.492	0.101	10	3	1	1
PL.46412	PL.46411	B	#4 ACSR	7.27Y	121.1	0.00	3.90	0.00	0	0	0	100	0.00	0.0	4.528	0.036	0	0	0	0
PL.58920	PL.58921	B	#4 ACSR	7.28Y	121.3	0.00	3.75	1.43	1	10	3	96	0.00	0.0	4.254	0.091	10	3	3	3
PL.57796	PL.59523	B	6 A (CWC)	7.28Y	121.3	0.00	3.70	3.66	3	26	7	97	0.00	0.0	4.129	0.004	0	0	0	5
PD.8409	PL.57796	B	25T	7.28Y	121.3	0.00	3.70	3.66	0	26	7	97	0.00	0.0	4.129	0.004	0	0	0	5
PL.57797	PD.8409	B	6 A (CWC)	7.28Y	121.3	0.01	3.71	3.66	3	26	7	97	0.00	0.0	4.208	0.078	6	1	3	5
PL.53567	PL.57797	B	6 A (CWC)	7.28Y	121.3	0.01	3.72	2.85	2	20	5	97	0.00	0.0	4.291	0.083	5	1	1	2
PL.46427	PL.53567	B	6 A (CWC)	7.28Y	121.3	0.00	3.72	2.16	2	15	4	97	0.00	0.0	4.374	0.083	15	4	1	1
PL.57794	PL.59523	B	6 A (CWC)	7.28Y	121.3	0.00	3.70	1.99	1	14	4	96	0.00	0.0	4.130	0.004	0	0	0	4
PD.8408	PL.57794	B	25T	7.28Y	121.3	0.00	3.70	1.99	0	14	4	96	0.00	0.0	4.130	0.004	0	0	0	4
PL.57795	PD.8408	B	6 A (CWC)	7.28Y	121.3	0.00	3.70	1.99	1	14	4	96	0.00	0.0	4.153	0.023	14	4	4	4
PL.59522	PL.59528	B	6 A (CWC)	7.28Y	121.4	0.01	3.61	6.74	5	48	12	97	0.00	0.0	4.108	0.044	38	10	4	5
PL.53655	PL.59522	B	6 A (CWC)	7.28Y	121.4	0.00	3.61	1.30	1	9	2	98	0.00	0.0	4.149	0.042	9	2	1	1
PL.59530	PL.59529	B	#4 ACSR	7.29Y	121.5	0.00	3.49	2.95	2	21	5	97	0.00	0.0	4.015	0.003	0	0	0	3
PD.8793	PL.59530	B	15T	7.29Y	121.5	0.00	3.49	2.95	0	21	5	97	0.00	0.0	4.015	0.003	0	0	0	3
PL.59531	PD.8793	B	#4 ACSR	7.29Y	121.5	0.00	3.50	2.95	2	21	5	97	0.00	0.0	4.060	0.045	10	3	2	3
PL.59524	PL.59531	B	#4 ACSR	7.29Y	121.5	0.00	3.50	1.47	1	10	3	96	0.00	0.0	4.113	0.053	10	3	1	1
PL.59525	PL.57810	B	6 A (CWC)	7.29Y	121.5	0.00	3.48	3.75	3	26	7	97	0.00	0.0	4.007	0.003	0	0	0	1

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----			
																KW	KVAR	Cons On	Cons Thru	
PD.8791	PL.59525	B	50T	7.29Y	121.5	0.00	3.48	3.75	0	26	7	97	0.00	0.0	4.007	0.003	0	0	0	1
PL.59526	PD.8791	B	6 A (CWC)	7.29Y	121.5	0.01	3.49	3.75	3	26	7	97	0.00	0.0	4.134	0.127	26	7	1	1
PL.53197	PL.57814	B	#1/0 ACSR	7.30Y	121.7	0.00	3.35	2.46	1	17	4	97	0.00	0.0	3.968	0.015	3	1	1	2
PL.53198	PL.53197	B	#1/0 ACSR	7.30Y	121.7	0.00	3.35	2.06	1	15	4	97	0.00	0.0	3.983	0.015	0	0	0	1
PL.53645	PL.53198	B	1/0 AL URD	7.30Y	121.6	0.00	3.35	2.06	1	15	4	97	0.00	0.0	4.007	0.025	15	4	1	1
PL.57812	PL.57811	B	#2 ACSR	7.30Y	121.7	0.00	3.32	3.68	2	26	7	97	0.00	0.0	3.909	0.001	0	0	0	2
PD.7203	PL.57812	B	50T	7.30Y	121.7	0.00	3.32	3.68	0	26	7	97	0.00	0.0	3.909	0.001	0	0	0	2
PL.53577	PD.7203	B	#2 ACSR	7.30Y	121.7	0.00	3.32	3.68	2	26	7	97	0.00	0.0	3.916	0.007	11	3	1	2
PL.53576	PL.53577	B	#2 ACSR	7.30Y	121.7	0.00	3.33	2.10	1	15	4	97	0.00	0.0	4.018	0.102	15	4	1	1
PL.46982	PL.46520	C	#2 ACSR	7.30Y	121.7	0.00	3.31	4.23	2	30	8	97	0.00	0.0	3.839	0.001	0	0	0	3
PD.7204	PL.46982	C	50T	7.30Y	121.7	0.00	3.31	4.23	0	30	8	97	0.00	0.0	3.839	0.001	0	0	0	3
PL.46983	PD.7204	C	#2 ACSR	7.30Y	121.7	0.00	3.31	4.23	2	30	8	97	0.00	0.0	3.863	0.024	30	8	3	3
PL.46521	PL.46520	A	#2 ACSR	7.30Y	121.7	0.00	3.31	1.29	1	9	2	98	0.00	0.0	3.839	0.001	0	0	0	1
PD.7264	PL.46521	A	50T	7.30Y	121.7	0.00	3.31	1.29	0	9	2	98	0.00	0.0	3.839	0.001	0	0	0	1
PL.46981	PD.7264	A	#2 ACSR	7.30Y	121.7	0.00	3.31	1.29	1	9	2	98	0.00	0.0	3.977	0.138	9	2	1	1
PL.46645	PL.53847	C	#2 ACSR	7.31Y	121.8	0.00	3.24	3.32	2	23	6	97	0.00	0.0	3.555	0.000	0	0	0	3
PD.7205	PL.46645	C	50T	7.31Y	121.8	0.00	3.24	3.32	0	23	6	97	0.00	0.0	3.555	0.000	0	0	0	3
PL.46648	PD.7205	C	#2 ACSR	7.31Y	121.8	0.00	3.24	3.32	2	23	6	97	0.00	0.0	3.624	0.070	16	4	1	3
PL.53195	PL.46648	C	#2 ACSR	7.31Y	121.8	0.00	3.24	1.07	1	8	2	97	0.00	0.0	3.720	0.095	1	0	1	2
PL.53196	PL.53195	C	#2 ACSR	7.31Y	121.8	0.00	3.25	0.90	1	6	2	95	0.00	0.0	3.790	0.070	6	2	1	1
PL.53194	PL.53196	C	#2 ACSR	7.31Y	121.8	0.00	3.25	0.00	0	0	0	100	0.00	0.0	3.809	0.019	0	0	0	0
PL.46646	PL.53847	C	#2 ACSR	7.31Y	121.8	0.00	3.24	7.72	4	55	14	97	0.00	0.0	3.555	0.000	0	0	0	5
PD.7206	PL.46646	C	50T	7.31Y	121.8	0.00	3.24	7.72	0	55	14	97	0.00	0.0	3.555	0.000	0	0	0	5
PL.46647	PD.7206	C	#2 ACSR	7.31Y	121.8	0.01	3.25	7.72	4	55	14	97	0.00	0.0	3.594	0.040	0	0	0	5
PL.46598	PL.46647	C	#2 ACSR	7.30Y	121.7	0.01	3.26	2.62	1	18	5	96	0.00	0.0	3.768	0.174	7	2	1	3
PL.46599	PL.46598	C	#2 ACSR	7.30Y	121.7	0.00	3.26	1.68	1	12	3	97	0.00	0.0	3.801	0.033	9	2	1	2
PL.46597	PL.46599	C	#2 ACSR	7.30Y	121.7	0.00	3.26	0.46	0	3	1	95	0.00	0.0	3.853	0.051	3	1	1	1
PL.53721	PL.46647	C	#2 ACSR	7.31Y	121.8	0.00	3.25	5.10	3	36	9	97	0.00	0.0	3.636	0.041	36	9	2	2
CP.72	PL.54699	ABC	Cap (300)	7.32Y	121.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	3.007	0.041	0	0	0	0
PL.59517	PL.59518	C	#4 ACSR	7.33Y	122.2	0.00	2.80	26.24	20	186	48	97	0.00	0.0	2.592	0.001	0	0	0	21
PD.7218	PL.59517	C	65T	7.33Y	122.2	0.00	2.80	26.24	0	186	48	97	0.00	0.0	2.592	0.001	0	0	0	21

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.47021	PD.7218	C	#4 ACSR	7.33Y	122.2	0.05	2.85	26.24	20	186	48	97	0.07	0.0	2.634	0.042	13	3	2	21
PL.46652	PL.47021	C	#4 ACSR	7.33Y	122.1	0.07	2.91	24.45	19	173	45	97	0.09	0.1	2.700	0.066	9	2	1	19
PL.46653	PL.46652	C	#4 ACSR	7.32Y	122.0	0.12	3.04	23.23	18	165	43	97	0.15	0.1	2.824	0.123	8	2	1	18
PL.46365	PL.46653	C	6 A (CWC)	7.32Y	122.0	0.00	3.04	22.06	16	156	40	97	0.00	0.0	2.824	0.000	0	0	0	17
PD.7308-A	PL.46365	C	Closed	7.32Y	122.0	0.00	3.04	22.06	0	156	40	97	0.00	0.0	2.824	0.000	0	0	0	17
PD.7308-B	PD.7308-A	C	Closed	7.32Y	122.0	0.00	3.04	22.06	0	156	40	97	0.00	0.0	2.824	0.000	0	0	0	17
PL.46513	PD.7308-B	C	6 A (CWC)	7.31Y	121.9	0.05	3.09	22.06	16	156	40	97	0.06	0.0	2.877	0.053	11	3	1	17
PL.46366	PL.46513	C	6 A (CWC)	7.31Y	121.9	0.02	3.11	20.51	15	145	38	97	0.02	0.0	2.901	0.024	0	0	0	16
PL.46367	PL.46366	C	6 A (CWC)	7.31Y	121.8	0.05	3.17	20.51	15	145	38	97	0.06	0.0	2.961	0.060	15	4	2	16
PL.46486	PL.46367	C	6 A (CWC)	7.31Y	121.8	0.03	3.20	13.51	10	96	25	97	0.02	0.0	3.012	0.051	9	2	2	11
PL.46859	PL.46486	C	#4 ACSR	7.31Y	121.8	0.00	3.20	1.14	1	8	2	97	0.00	0.0	3.038	0.026	8	2	1	1
PL.46487	PL.46486	C	6 A (CWC)	7.31Y	121.8	0.01	3.21	6.89	5	49	13	97	0.00	0.0	3.052	0.040	10	3	1	6
PL.46345	PL.46487	C	6 A (CWC)	7.31Y	121.8	0.00	3.21	1.28	1	9	2	98	0.00	0.0	3.093	0.041	9	2	1	1
PL.53747	PL.46487	C	6 A (CWC)	7.31Y	121.8	0.01	3.22	4.23	3	30	8	97	0.00	0.0	3.128	0.076	1	0	1	4
PL.53748	PL.53747	C	6 A (CWC)	7.31Y	121.8	0.00	3.22	0.06	0	0	0	100	0.00	0.0	3.177	0.049	0	0	1	1
PL.53746	PL.53747	C	#4 ACSR	7.31Y	121.8	0.01	3.23	4.09	3	29	8	96	0.00	0.0	3.192	0.065	29	8	2	2
PL.53749	PL.46486	C	#4 ACSR	7.31Y	121.8	0.00	3.20	4.16	3	29	8	96	0.00	0.0	3.061	0.049	29	8	2	2
PL.46368	PL.46367	C	6 A (CWC)	7.31Y	121.8	0.01	3.17	4.82	3	34	9	97	0.00	0.0	2.985	0.024	0	0	0	3
PL.46369	PL.46368	C	6 A (CWC)	7.31Y	121.8	0.01	3.18	4.82	3	34	9	97	0.00	0.0	3.038	0.053	21	5	2	3
PL.46370	PL.46369	C	6 A (CWC)	7.31Y	121.8	0.00	3.18	1.84	1	13	3	97	0.00	0.0	3.053	0.015	0	0	0	1
PL.46534	PL.46370	C	1/0 AL URD	7.31Y	121.8	0.00	3.18	1.84	1	13	3	97	0.00	0.0	3.109	0.056	13	3	1	1
PL.46821	PL.46368	C	#1/0 ACSR	7.31Y	121.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	3.000	0.015	0	0	0	0
PL.72966	PL.72965	ABC	336 MCM AC	7.35Y	122.5	0.08	2.46	55.04	11	1173	318	97	0.50	0.0	2.215	0.196	0	0	0	184
PL.52707	PL.72966	ABC	336 MCM AC	7.35Y	122.5	0.01	2.47	55.04	11	1172	317	97	0.05	0.0	2.237	0.022	0	0	1	184
PL.52708	PL.52707	ABC	336 MCM AC	7.35Y	122.5	0.04	2.51	55.04	11	1172	316	97	0.27	0.0	2.346	0.109	18	5	2	183
PL.45227	PL.52708	ABC	336 MCM AC	7.35Y	122.5	0.00	2.51	1.68	0	36	9	97	0.00	0.0	2.346	0.001	0	0	0	5
PD.7288	PL.45227	ABC	25QA	7.35Y	122.5	0.00	2.51	1.68	7	36	9	97	0.00	0.0	2.346	0.001	0	0	0	5
PL.45234	PD.7288	ABC	336 MCM AC	7.35Y	122.5	0.00	2.52	1.68	0	36	9	97	0.00	0.0	2.504	0.158	0	0	0	5
PL.45237	PL.45234	ABC	336 MCM AC	7.35Y	122.5	0.00	2.52	1.68	0	36	9	97	0.00	0.0	2.526	0.022	0	0	0	5
PL.45128	PL.45237	B	6 A (CWC)	7.35Y	122.5	0.00	2.52	3.05	2	22	6	96	0.00	0.0	2.572	0.046	13	3	2	4
PL.53937	PL.45128	B	6 A (CWC)	7.35Y	122.5	0.00	2.52	1.20	1	9	2	98	0.00	0.0	2.648	0.075	9	2	1	2

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.53938	PL.53937	B	6 A (CWC)	7.35Y	122.5	0.00	2.52	0.00	0	0	0	100	0.00	0.0	2.717	0.070	0	0	1	1
PL.46015	PL.45237	ABC	336 MCM AC	7.35Y	122.5	0.00	2.52	0.00	0	0	0	100	0.00	0.0	2.536	0.010	0	0	0	0
PL.45235	PL.45237	A	6 A (CWC)	7.35Y	122.5	0.00	2.52	2.00	1	14	4	96	0.00	0.0	2.563	0.037	14	4	1	1
PL.45236	PL.45235	A	6 A (CWC)	7.35Y	122.5	0.00	2.52	0.00	0	0	0	100	0.00	0.0	2.592	0.029	0	0	0	0
PL.46980	PL.52708	ABC	336 MCM AC	7.35Y	122.5	0.03	2.55	52.52	10	1118	302	97	0.19	0.0	2.429	0.083	0	0	0	176
PL.45232	PL.46980	ABC	336 MCM AC	7.35Y	122.5	0.00	2.55	1.05	0	22	6	96	0.00	0.0	2.508	0.079	0	0	0	3
PL.45231	PL.45232	ABC	336 MCM AC	7.35Y	122.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.663	0.154	0	0	0	0
PL.45233	PL.45231	ABC	336 MCM AC	7.35Y	122.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.713	0.050	0	0	0	0
PD.4951-A	PL.45233	ABC	Open	7.35Y	122.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.713	0.050	0	0	0	0
PL.46016	PL.45231	A	#4 ACSR	7.35Y	122.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.663	0.001	0	0	0	0
PD.7291	PL.46016	A	60QA	7.35Y	122.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.663	0.001	0	0	0	0
PL.46017	PD.7291	A	#4 ACSR	7.35Y	122.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	2.715	0.052	0	0	0	0
PL.47024	PL.45232	C	6 A (CWC)	7.35Y	122.5	0.00	2.55	3.14	2	22	6	96	0.00	0.0	2.509	0.001	0	0	0	3
PD.7195	PL.47024	C	75QA	7.35Y	122.5	0.00	2.55	3.14	4	22	6	96	0.00	0.0	2.509	0.001	0	0	0	3
PL.45228	PD.7195	C	6 A (CWC)	7.35Y	122.4	0.01	2.56	3.14	2	22	6	96	0.00	0.0	2.605	0.096	10	3	2	3
PL.45229	PL.45228	C	6 A (CWC)	7.35Y	122.4	0.00	2.56	1.75	1	12	3	97	0.00	0.0	2.637	0.032	0	0	0	1
PL.45230	PL.45229	C	6 A (CWC)	7.35Y	122.4	0.00	2.56	1.75	1	12	3	97	0.00	0.0	2.725	0.087	12	3	1	1
PL.46325	PL.46980	ABC	336 MCM AC	7.35Y	122.4	0.01	2.56	51.47	10	1095	296	97	0.08	0.0	2.465	0.036	0	0	0	173
PL.46397	PL.46325	ABC	#1/0 ACSR	7.35Y	122.4	0.00	2.56	51.47	22	1095	295	97	0.00	0.0	2.465	0.000	0	0	0	173
C PD.7300	PL.46397	ABC	50L	7.35Y	122.4	0.00	2.56	51.47	103	1095	295	97	0.00	0.0	2.465	0.000	0	0	0	173 C
PL.54689	PD.7300	ABC	#1/0 ACSR	7.34Y	122.4	0.04	2.60	51.47	22	1095	295	97	0.32	0.0	2.511	0.046	3	1	2	173
PL.54688	PL.54689	ABC	#1/0 ACSR	7.34Y	122.3	0.07	2.67	49.78	22	1059	286	97	0.51	0.0	2.589	0.078	9	2	1	170
PL.46985	PL.54688	ABC	#1/0 ACSR	7.34Y	122.3	0.08	2.75	48.62	21	1034	279	97	0.55	0.1	2.678	0.089	12	3	1	168
PL.58454	PL.46985	C	6 A (CWC)	7.33Y	122.2	0.00	2.75	16.50	12	117	30	97	0.00	0.0	2.680	0.001	0	0	0	14
PD.8596	PL.58454	C	30T	7.33Y	122.2	0.00	2.75	16.50	0	117	30	97	0.00	0.0	2.680	0.001	0	0	0	14
PL.58455	PD.8596	C	6 A (CWC)	7.33Y	122.2	0.03	2.78	16.50	12	117	30	97	0.03	0.0	2.725	0.045	0	0	0	14
PL.46007	PL.58455	C	#4 ACSR	7.33Y	122.2	0.00	2.79	3.25	3	23	6	97	0.00	0.0	2.756	0.031	0	0	0	3
PL.45930	PL.46007	C	6 A (CWC)	7.33Y	122.2	0.00	2.79	0.45	0	3	1	95	0.00	0.0	2.831	0.075	3	1	1	1
PL.46008	PL.46007	C	#4 ACSR	7.33Y	122.2	0.01	2.80	2.80	2	20	5	97	0.00	0.0	2.882	0.126	20	5	2	2
PL.46997	PL.58455	C	6 A (CWC)	7.33Y	122.2	0.02	2.81	13.25	9	94	24	97	0.02	0.0	2.762	0.038	6	1	1	11
PL.46823	PL.46997	C	6 A (CWC)	7.33Y	122.1	0.05	2.85	12.44	9	88	23	97	0.03	0.0	2.846	0.084	8	2	1	10

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46009	PL.46823	C	6 A (CWC)	7.33Y	122.1	0.01	2.86	6.52	5	46	12	97	0.00	0.0	2.881	0.034	0	0	0	5
PL.46012	PL.46009	C	6 A (CWC)	7.33Y	122.1	0.01	2.87	4.04	3	29	7	97	0.00	0.0	2.921	0.040	8	2	1	3
PL.46013	PL.46012	C	6 A (CWC)	7.33Y	122.1	0.00	2.87	2.85	2	20	5	97	0.00	0.0	2.943	0.022	8	2	1	2
PL.46014	PL.46013	C	6 A (CWC)	7.33Y	122.1	0.00	2.87	1.77	1	13	3	97	0.00	0.0	3.009	0.065	13	3	1	1
PL.46485	PL.46009	C	#4 ACSR	7.33Y	122.1	0.00	2.86	2.48	2	18	5	96	0.00	0.0	2.899	0.018	18	5	2	2
PL.46010	PL.46823	C	#4 ACSR	7.33Y	122.1	0.00	2.86	4.77	4	34	9	97	0.00	0.0	2.871	0.025	26	7	2	4
PL.46011	PL.46010	C	#4 ACSR	7.33Y	122.1	0.00	2.86	1.17	1	8	2	97	0.00	0.0	2.930	0.058	8	2	2	2
PL.45829	PL.46985	C	6 A (CWC)	7.33Y	122.2	0.00	2.75	1.34	1	10	2	98	0.00	0.0	2.729	0.051	10	2	1	1
PL.47027	PL.46985	C	6 A (CWC)	7.33Y	122.2	0.00	2.75	0.68	0	5	1	98	0.00	0.0	2.858	0.180	5	1	1	1
PL.60385	PL.46985	ABC	#1/0 ACSR	7.33Y	122.2	0.10	2.85	41.90	18	890	241	97	0.60	0.1	2.806	0.128	0	0	0	151
PL.60386	PL.60385	ABC	#1/0 ACSR	7.32Y	122.1	0.10	2.94	40.54	18	859	239	96	0.57	0.1	2.939	0.133	16	4	2	148
PL.46006	PL.60386	ABC	#1/0 ACSR	7.32Y	122.0	0.09	3.03	39.77	17	842	234	96	0.52	0.1	3.062	0.123	0	0	0	146
PL.46577	PL.46006	ABC	#1/0 ACSR	7.31Y	121.9	0.06	3.09	32.22	14	681	192	96	0.28	0.0	3.162	0.100	0	0	0	113
PL.60387	PL.46577	A	#1/0 ACSR	7.31Y	121.9	0.00	3.09	3.32	1	24	3	99	0.00	0.0	3.165	0.003	0	0	0	5
PD.8861	PL.60387	A	65QA	7.31Y	121.9	0.00	3.09	3.32	0	24	3	99	0.00	0.0	3.165	0.003	0	0	0	5
PL.60388	PD.8861	A	#1/0 ACSR	7.31Y	121.9	0.00	3.09	3.32	1	24	3	99	0.00	0.0	3.179	0.014	10	3	1	5
PL.60263	PL.60388	A	1/0 AL URD	7.31Y	121.9	0.00	3.09	1.97	1	14	1	100	0.00	0.0	3.207	0.027	0	0	0	4
PL.60264	PL.60263	A	1/0 AL URD	7.31Y	121.9	0.00	3.09	1.97	1	14	1	100	0.00	0.0	3.261	0.055	9	2	2	4
PL.60259	PL.60264	A	1/0 AL URD	7.31Y	121.9	0.00	3.09	0.80	0	6	-1	-99	0.00	0.0	3.316	0.055	0	0	0	2
PL.60260	PL.60259	A	1/0 AL URD	7.31Y	121.9	0.00	3.10	0.79	0	6	-1	-99	0.00	0.0	3.450	0.133	0	0	0	2
PL.63012	PL.60260	A	1/0 AL URD	7.31Y	121.9	0.00	3.10	0.78	0	6	-1	-99	0.00	0.0	3.510	0.060	6	1	2	2
PL.63013	PL.63012	A	1/0 AL URD	7.31Y	121.9	-0.00	3.10	-0.27	0	0	-2	0	0.00	0.0	3.555	0.046	0	0	0	0
PL.60266	PL.63013	A	1/0 AL URD	7.31Y	121.9	-0.00	3.10	-0.24	0	0	-2	0	0.00	0.0	3.605	0.050	0	0	0	0
PL.60261	PL.60266	A	1/0 AL URD	7.31Y	121.9	-0.00	3.10	-0.21	0	0	-2	0	0.00	0.0	3.658	0.053	0	0	0	0
PL.60262	PL.60261	A	1/0 AL URD	7.31Y	121.9	-0.00	3.10	-0.19	0	0	-1	0	0.00	0.0	4.010	0.351	0	0	0	0
PL.54972	PL.46577	ABC	#1/0 ACSR	7.31Y	121.9	0.03	3.12	31.13	14	657	189	96	0.14	0.0	3.218	0.056	11	3	2	108
PL.58907	PL.54972	C	#2 ACSR	7.31Y	121.9	0.00	3.12	1.16	1	8	2	97	0.00	0.0	3.218	0.000	0	0	0	2
PD.8487	PL.58907	C	15T	7.31Y	121.9	0.00	3.12	1.16	0	8	2	97	0.00	0.0	3.218	0.000	0	0	0	2
PL.58908	PD.8487	C	#2 ACSR	7.31Y	121.9	0.00	3.12	1.16	1	8	2	97	0.00	0.0	3.218	0.000	0	0	0	2
PL.58905	PL.58908	C	#2 ACSR	7.31Y	121.9	0.00	3.12	0.44	0	3	1	95	0.00	0.0	3.300	0.081	3	1	1	1
PL.58906	PL.58908	C	#4 ACSR	7.31Y	121.9	0.00	3.12	0.73	1	5	1	98	0.00	0.0	3.341	0.123	5	1	1	1

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.54971	PL.54972	ABC	#1/0 ACSR	7.31Y	121.9	0.02	3.14	30.23	13	637	184	96	0.08	0.0	3.250	0.033	0	0	0	104
PL.46575	PL.54971	ABC	#4 ACSR	7.31Y	121.9	0.00	3.14	0.39	0	8	2	97	0.00	0.0	3.251	0.001	0	0	0	1
PD.7004	PL.46575	ABC	50QA	7.31Y	121.9	0.00	3.14	0.39	1	8	2	97	0.00	0.0	3.251	0.001	0	0	0	1
PL.46576	PD.7004	ABC	#4 ACSR	7.31Y	121.9	0.00	3.14	0.39	0	8	2	97	0.00	0.0	3.280	0.029	8	2	1	1
PL.46574	PL.54971	ABC	#1/0 ACSR	7.31Y	121.8	0.04	3.18	29.84	13	629	181	96	0.20	0.0	3.333	0.083	0	0	0	103
PL.54897	PL.46574	C	#2 ACSR	7.31Y	121.8	0.00	3.18	1.93	1	14	4	96	0.00	0.0	3.380	0.046	13	3	1	2
PL.54898	PL.54897	C	#1/0 ACSR	7.31Y	121.8	0.00	3.18	0.04	0	0	0	100	0.00	0.0	3.448	0.068	0	0	1	1
PL.46571	PL.46574	ABC	#1/0 ACSR	7.31Y	121.8	0.03	3.21	29.19	13	615	178	96	0.13	0.0	3.390	0.057	0	0	1	101
PL.46573	PL.46571	ABC	#1/0 ACSR	7.30Y	121.7	0.08	3.29	29.19	13	615	178	96	0.33	0.1	3.535	0.145	9	2	1	100
PL.46790	PL.46573	ABC	#1/0 ACSR	7.30Y	121.6	0.10	3.39	28.75	12	605	175	96	0.41	0.1	3.722	0.187	0	0	0	99
PL.46570	PL.46790	ABC	#1/0 ACSR	7.29Y	121.6	0.06	3.44	27.89	12	586	170	96	0.23	0.0	3.834	0.112	1	0	1	95
PL.54973	PL.46570	ABC	#1/0 ACSR	7.29Y	121.5	0.04	3.48	27.86	12	586	170	96	0.16	0.0	3.911	0.077	15	4	2	94
PL.54974	PL.54973	ABC	#1/0 ACSR	7.29Y	121.5	0.02	3.50	27.16	12	571	166	96	0.07	0.0	3.948	0.037	5	1	1	92
PL.54976	PL.54974	ABC	#1/0 ACSR	7.29Y	121.5	0.02	3.52	26.92	12	565	164	96	0.06	0.0	3.979	0.032	2	0	1	91
PL.54975	PL.54976	ABC	#1/0 ACSR	7.29Y	121.5	0.02	3.54	26.83	12	564	164	96	0.08	0.0	4.021	0.042	6	2	1	90
PL.54694	PL.54975	C	6 A (CWC)	7.29Y	121.5	0.00	3.54	0.88	1	6	2	95	0.00	0.0	4.096	0.075	6	2	1	1
PL.47007	PL.54975	ABC	#1/0 ACSR	7.29Y	121.4	0.03	3.57	26.24	11	551	160	96	0.12	0.0	4.090	0.069	7	2	1	88
PL.46375	PL.47007	ABC	#1/0 ACSR	7.28Y	121.4	0.03	3.60	25.93	11	544	158	96	0.11	0.0	4.150	0.060	0	0	0	87
PL.54438	PL.46375	ABC	#1/0 ACSR	7.28Y	121.4	0.03	3.62	25.68	11	539	157	96	0.10	0.0	4.209	0.059	0	0	0	86
PL.54439	PL.54438	A	#1/0 ACSR	7.28Y	121.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	4.213	0.004	0	0	0	0
PD.8154	PL.54439	A	20QA	7.28Y	121.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	4.213	0.004	0	0	0	0
PL.54440	PD.8154	A	#1/0 ACSR	7.28Y	121.4	0.00	3.62	0.00	0	0	0	100	0.00	0.0	4.259	0.047	0	0	0	0
PL.55536	PL.54438	ABC	#1/0 ACSR	7.28Y	121.4	0.02	3.65	25.08	11	526	154	96	0.09	0.0	4.262	0.053	19	5	2	85
PL.66224	PL.55536	ABC	#1/0 ACSR	7.28Y	121.4	0.00	3.65	24.19	11	507	149	96	0.00	0.0	4.262	0.000	0	0	0	83
PL.66225	PL.66224	ABC	#1/0 ACSR	7.28Y	121.3	0.02	3.66	24.19	11	507	149	96	0.05	0.0	4.297	0.035	8	2	1	83
PL.55533	PL.66225	ABC	#1/0 ACSR	7.27Y	121.2	0.09	3.75	23.82	10	499	147	96	0.31	0.1	4.505	0.208	0	0	1	82
PL.55534	PL.55533	ABC	#1/0 ACSR	7.27Y	121.2	0.06	3.81	23.82	10	499	146	96	0.21	0.0	4.642	0.138	0	0	0	81
PL.46080	PL.55534	ABC	#1/0 ACSR	7.27Y	121.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	4.671	0.029	0	0	0	1
PL.46081	PL.46080	ABC	#1/0 ACSR	7.27Y	121.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	4.817	0.145	0	0	0	0
PD.7306-A	PL.46081	ABC	Open	7.27Y	121.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	4.817	0.145	0	0	0	0
PL.55531	PL.46080	A	#2 ACSR	7.27Y	121.2	0.00	3.81	0.01	0	0	0	100	0.00	0.0	4.675	0.003	0	0	0	1

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.8194	PL.55531	A	40QA	7.27Y	121.2	0.00	3.81	0.01	0	0	0	100	0.00	0.0	4.675	0.003	0	0	0	1
PL.55532	PD.8194	A	#2 ACSR	7.27Y	121.2	0.00	3.81	0.01	0	0	0	100	0.00	0.0	4.759	0.084	0	0	1	1
PL.55530	PL.55534	ABC	336 MCM AC	7.27Y	121.2	0.00	3.81	4.81	1	97	41	92	0.00	0.0	4.662	0.019	97	41	2	2
PL.55528	PL.55534	ABC	#1/0 ACSR	7.27Y	121.2	0.03	3.84	19.05	8	402	105	97	0.07	0.0	4.719	0.077	0	0	0	78
PL.55529	PL.55528	ABC	#1/0 ACSR	7.27Y	121.1	0.05	3.89	19.05	8	402	105	97	0.16	0.0	4.880	0.161	0	0	0	78
PL.55526	PL.55529	ABC	#1/0 ACSR	7.27Y	121.1	0.02	3.91	19.05	8	402	105	97	0.04	0.0	4.926	0.046	11	3	3	78
PL.55525	PL.55526	ABC	#1/0 ACSR	7.26Y	121.1	0.02	3.93	18.29	8	386	101	97	0.05	0.0	4.985	0.059	0	0	0	74
PL.46079	PL.55525	C	#2 ACSR	7.26Y	121.1	0.00	3.93	3.60	2	25	7	96	0.00	0.0	5.006	0.021	20	5	2	3
PL.55366	PL.46079	C	#2 ACSR	7.26Y	121.1	0.00	3.93	0.83	0	6	2	95	0.00	0.0	5.086	0.080	6	2	1	1
PL.55149	PL.55525	ABC	#1/0 ACSR	7.26Y	121.1	0.02	3.95	17.09	7	360	94	97	0.05	0.0	5.047	0.062	10	3	2	71
PL.55148	PL.55149	ABC	#1/0 ACSR	7.26Y	121.0	0.02	3.96	16.62	7	350	91	97	0.04	0.0	5.102	0.055	16	4	2	69
PL.54802	PL.55148	A	#1/0 ACSR	7.26Y	121.0	0.00	3.97	2.77	1	19	5	97	0.00	0.0	5.153	0.051	8	2	1	2
PL.54803	PL.54802	A	#1/0 ACSR	7.26Y	121.0	0.00	3.97	1.69	1	12	3	97	0.00	0.0	5.213	0.060	12	3	1	1
PL.54801	PL.55148	ABC	#1/0 ACSR	7.26Y	121.0	0.01	3.98	14.50	6	306	80	97	0.03	0.0	5.153	0.051	10	3	1	64
PL.55369	PL.54801	ABC	#1/0 ACSR	7.26Y	121.0	0.02	4.00	14.03	6	296	77	97	0.05	0.0	5.252	0.099	4	1	1	63
PL.55368	PL.55369	ABC	#1/0 ACSR	7.26Y	121.0	0.01	4.01	13.84	6	292	76	97	0.02	0.0	5.286	0.034	0	0	0	62
PL.46078	PL.55368	ABC	#1/0 ACSR	7.26Y	121.0	0.02	4.03	13.72	6	289	75	97	0.04	0.0	5.360	0.074	0	0	0	61
PL.54811	PL.46078	ABC	#1/0 ACSR	7.26Y	121.0	0.02	4.05	12.55	5	264	69	97	0.03	0.0	5.442	0.082	0	0	0	54
PL.54812	PL.54811	ABC	#1/0 ACSR	7.26Y	120.9	0.04	4.08	12.21	5	257	67	97	0.07	0.0	5.612	0.170	0	0	0	52
PL.46856	PL.54812	ABC	#1/0 ACSR	7.25Y	120.9	0.02	4.10	10.90	5	230	60	97	0.03	0.0	5.701	0.089	0	0	0	42
PL.47080	PL.46856	B	6 A (CWC)	7.25Y	120.9	0.00	4.10	0.08	0	1	0	100	0.00	0.0	5.800	0.099	0	0	0	1
PL.55503	PL.47080	B	6 A (CWC)	7.25Y	120.9	0.00	4.10	0.00	0	0	0	100	0.00	0.0	5.868	0.068	0	0	0	0
PL.47081	PL.47080	B	6 A (CWC)	7.25Y	120.9	0.00	4.10	0.08	0	1	0	100	0.00	0.0	5.935	0.135	1	0	1	1
PL.55504	PL.46856	ABC	#1/0 ACSR	7.25Y	120.9	0.02	4.12	10.87	5	229	60	97	0.04	0.0	5.820	0.119	0	0	1	41
PL.55505	PL.55504	ABC	#1/0 ACSR	7.25Y	120.9	0.02	4.14	10.27	4	216	56	97	0.02	0.0	5.905	0.085	9	2	1	38
PL.55150	PL.55505	B	#2 ACSR	7.25Y	120.9	0.00	4.14	1.26	1	9	2	98	0.00	0.0	5.938	0.033	9	2	2	2
PL.55152	PL.55505	ABC	#1/0 ACSR	7.25Y	120.9	0.01	4.15	9.44	4	199	52	97	0.01	0.0	5.964	0.059	15	4	4	35
PL.57889	PL.55152	A	#2 ACSR	7.25Y	120.9	0.00	4.15	1.51	1	11	3	96	0.00	0.0	5.968	0.004	0	0	0	3
PD.8387	PL.57889	A	40QA	7.25Y	120.9	0.00	4.15	1.51	4	11	3	96	0.00	0.0	5.968	0.004	0	0	0	3
PL.57890	PD.8387	A	#2 ACSR	7.25Y	120.8	0.00	4.15	1.51	1	11	3	96	0.00	0.0	6.056	0.088	0	0	0	3
PL.55240	PL.57890	A	#2 ACSR	7.25Y	120.8	0.00	4.15	1.51	1	11	3	96	0.00	0.0	6.102	0.046	0	0	2	3

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.55241	PL.55240	A	#1/0 ACSR	7.25Y	120.8	0.00	4.16	1.51	1	11	3	96	0.00	0.0	6.144	0.043	11	3	1	1
PL.55151	PL.55152	ABC	#1/0 ACSR	7.25Y	120.8	0.01	4.16	8.21	4	173	45	97	0.01	0.0	6.016	0.052	11	3	1	28
PL.55509	PL.55151	ABC	#1/0 ACSR	7.25Y	120.8	0.01	4.16	7.71	3	162	42	97	0.01	0.0	6.082	0.067	7	2	1	27
PL.55508	PL.55509	ABC	#1/0 ACSR	7.25Y	120.8	0.01	4.17	7.37	3	155	40	97	0.01	0.0	6.137	0.054	7	2	1	26
PL.55510	PL.55508	B	#4 ACSR	7.25Y	120.8	0.00	4.17	1.03	1	7	2	96	0.00	0.0	6.208	0.072	7	2	1	1
PL.55512	PL.55508	ABC	#1/0 ACSR	7.25Y	120.8	0.00	4.18	6.69	3	141	37	97	0.00	0.0	6.176	0.039	0	0	1	24
PL.55511	PL.55512	ABC	#1/0 ACSR	7.25Y	120.8	0.01	4.19	6.67	3	140	37	97	0.01	0.0	6.263	0.087	0	0	0	23
PL.55513	PL.55511	B	#2 ACSR	7.25Y	120.8	0.00	4.19	1.36	1	10	2	98	0.00	0.0	6.298	0.035	0	0	0	1
PL.55514	PL.55513	B	#2 ACSR	7.25Y	120.8	0.00	4.19	1.36	1	10	2	98	0.00	0.0	6.373	0.075	10	2	1	1
PL.46381	PL.55511	ABC	#1/0 ACSR	7.25Y	120.8	0.01	4.20	6.22	3	131	34	97	0.01	0.0	6.346	0.083	0	0	0	22
PL.55515	PL.46381	B	#2 ACSR	7.25Y	120.8	0.00	4.20	0.00	0	0	0	100	0.00	0.0	6.603	0.257	0	0	0	0
PL.55137	PL.46381	ABC	#1/0 ACSR	7.25Y	120.8	0.02	4.22	6.22	3	131	34	97	0.02	0.0	6.534	0.188	0	0	0	22
PL.55375	PL.55137	B	#2 ACSR	7.25Y	120.8	0.00	4.22	1.03	1	7	2	96	0.00	0.0	6.658	0.124	0	0	0	1
PL.55377	PL.55375	B	#1/0 ACSR	7.25Y	120.8	0.00	4.22	1.03	0	7	2	96	0.00	0.0	6.721	0.063	7	2	1	1
PL.55376	PL.55377	B	#2 ACSR	7.25Y	120.8	0.00	4.22	0.00	0	0	0	100	0.00	0.0	6.790	0.069	0	0	0	0
PL.55378	PL.55377	B	#1/0 ACSR	7.25Y	120.8	0.00	4.22	0.00	0	0	0	100	0.00	0.0	6.809	0.088	0	0	0	0
PL.55138	PL.55137	B	#2 ACSR	7.25Y	120.8	0.00	4.22	2.17	1	15	4	97	0.00	0.0	6.581	0.048	8	2	1	2
PL.55139	PL.55138	B	#1/0 ACSR	7.25Y	120.8	0.00	4.22	0.96	0	7	2	96	0.00	0.0	6.616	0.035	7	2	1	1
PL.55136	PL.55137	ABC	#1/0 ACSR	7.25Y	120.8	0.01	4.22	5.15	2	108	28	97	0.00	0.0	6.599	0.065	0	0	0	19
PL.46634	PL.55136	B	#2 ACSR	7.25Y	120.8	0.00	4.22	1.83	1	13	3	97	0.00	0.0	6.662	0.063	13	3	2	2
PL.55516	PL.46634	B	#2 ACSR	7.25Y	120.8	0.00	4.22	0.00	0	0	0	100	0.00	0.0	6.701	0.039	0	0	0	0
PL.55517	PL.55136	ABC	#1/0 ACSR	7.25Y	120.8	0.00	4.23	4.10	2	86	22	97	0.00	0.0	6.660	0.061	5	1	1	15
PL.55518	PL.55517	ABC	#1/0 ACSR	7.25Y	120.8	0.01	4.23	3.87	2	81	21	97	0.00	0.0	6.745	0.085	5	1	2	14
PL.55519	PL.55518	ABC	#1/0 ACSR	7.25Y	120.8	0.00	4.24	3.66	2	77	20	97	0.00	0.0	6.813	0.068	0	0	0	12
PL.55521	PL.55519	ABC	#1/0 ACSR	7.25Y	120.8	0.00	4.24	3.24	1	68	18	97	0.00	0.0	6.840	0.027	14	4	3	11
PL.57713	PL.55521	ABC	#1/0 ACSR	7.25Y	120.8	0.00	4.24	2.57	1	54	14	97	0.00	0.0	6.945	0.105	0	0	0	7
PL.57715	PL.57713	C	#1/0 ACSR	7.25Y	120.8	0.00	4.24	1.77	1	12	3	97	0.00	0.0	6.986	0.041	12	3	1	1
PL.57714	PL.57713	ABC	#1/0 ACSR	7.25Y	120.8	0.00	4.24	1.98	1	42	11	97	0.00	0.0	6.987	0.043	0	0	0	6
PL.46428	PL.57714	ABC	#1/0 ACSR	7.25Y	120.8	0.00	4.25	1.98	1	42	11	97	0.00	0.0	7.050	0.062	12	3	1	6
PL.55523	PL.46428	ABC	#4 ACSR	7.25Y	120.8	0.00	4.25	0.21	0	5	1	98	0.00	0.0	7.124	0.074	5	1	1	1
PL.55524	PL.55523	ABC	#4 ACSR	7.25Y	120.8	0.00	4.25	0.00	0	0	0	100	0.00	0.0	7.154	0.030	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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.41403	PL.55524	ABC	#4 ACSR	7.25Y	120.8	0.00	4.25	0.00	0	0	0	100	0.00	0.0	7.188	0.034	0	0	0	0
PL.44953	PL.41403	ABC	#4 ACSR	7.25Y	120.8	0.00	4.25	0.00	0	0	0	100	0.00	0.0	7.250	0.062	0	0	0	0
PD.4953-A	PL.44953	ABC	Open	7.25Y	120.8	0.00	4.25	0.00	0	0	0	100	0.00	0.0	7.250	0.062	0	0	0	0
PL.55213	PL.46428	B	6 A (CWC)	7.24Y	120.7	0.03	4.27	3.56	3	25	6	97	0.00	0.0	7.208	0.158	0	0	0	4
PL.55211	PL.55213	B	6 A (CWC)	7.24Y	120.7	0.00	4.28	1.92	1	13	3	97	0.00	0.0	7.247	0.040	0	0	0	2
PL.55209	PL.55211	B	6 A (CWC)	7.24Y	120.7	0.00	4.28	1.92	1	13	3	97	0.00	0.0	7.293	0.045	6	2	1	2
PL.57983	PL.55209	B	6 A (CWC)	7.24Y	120.7	0.00	4.28	1.06	1	7	2	96	0.00	0.0	7.329	0.036	0	0	0	1
PL.57984	PL.57983	B	6 A (CWC)	7.24Y	120.7	0.00	4.28	1.06	1	7	2	96	0.00	0.0	7.363	0.035	7	2	1	1
PL.64771	PL.57983	B	#1/0 ACSR	7.24Y	120.7	0.00	4.28	0.00	0	0	0	100	0.00	0.0	7.356	0.027	0	0	0	0
PL.64772	PL.64771	B	#1/0 ACSR	7.24Y	120.7	0.00	4.28	0.00	0	0	0	100	0.00	0.0	7.408	0.052	0	0	0	0
PL.64773	PL.64772	B	#1/0 ACSR	7.24Y	120.7	0.00	4.28	0.00	0	0	0	100	0.00	0.0	7.442	0.034	0	0	0	0
PL.55208	PL.55211	B	6 A (CWC)	7.24Y	120.7	0.00	4.28	0.00	0	0	0	100	0.00	0.0	7.282	0.035	0	0	0	0
PL.55212	PL.55213	B	6 A (CWC)	7.24Y	120.7	0.00	4.27	0.70	0	5	1	98	0.00	0.0	7.232	0.024	5	1	1	1
PL.55214	PL.55213	B	6 A (CWC)	7.24Y	120.7	0.00	4.27	0.94	1	7	2	96	0.00	0.0	7.268	0.060	7	2	1	1
PL.55215	PL.55214	B	6 A (CWC)	7.24Y	120.7	0.00	4.27	0.00	0	0	0	100	0.00	0.0	7.270	0.002	0	0	0	0
PD.8174-B	PL.55215	B	Open	7.24Y	120.7	0.00	4.27	0.00	0	0	0	100	0.00	0.0	7.270	0.002	0	0	0	0
PL.55520	PL.55521	ABC	#2 ACSR	7.25Y	120.8	0.00	4.24	0.01	0	0	0	100	0.00	0.0	6.901	0.061	0	0	1	1
PL.46991	PL.55519	B	#2 ACSR	7.25Y	120.8	0.00	4.24	1.26	1	9	2	98	0.00	0.0	6.835	0.022	9	2	1	1
PL.55140	PL.55136	B	#2 ACSR	7.25Y	120.8	0.00	4.22	1.33	1	9	2	98	0.00	0.0	6.647	0.047	9	2	2	2
PL.55506	PL.55504	C	#1/0 ACSR	7.25Y	120.9	0.00	4.12	0.83	0	6	2	95	0.00	0.0	5.886	0.066	6	2	1	1
PL.55507	PL.55504	A	#2 ACSR	7.25Y	120.9	0.00	4.12	0.96	1	7	2	96	0.00	0.0	5.836	0.016	7	2	1	1
PL.57284	PL.54812	B	6 A (CWC)	7.25Y	120.9	0.00	4.08	3.94	3	28	7	97	0.00	0.0	5.616	0.004	0	0	0	10
PD.8273	PL.57284	B	25T	7.25Y	120.9	0.00	4.08	3.94	0	28	7	97	0.00	0.0	5.616	0.004	0	0	0	10
PL.57285	PD.8273	B	6 A (CWC)	7.25Y	120.9	0.00	4.09	3.94	3	28	7	97	0.00	0.0	5.643	0.027	5	1	2	10
PL.55502	PL.57285	B	6 A (CWC)	7.25Y	120.9	0.02	4.11	3.18	2	22	6	96	0.00	0.0	5.810	0.167	0	0	0	8
PL.45133	PL.55502	B	6 A (CWC)	7.25Y	120.9	0.02	4.14	2.44	2	17	4	97	0.00	0.0	6.031	0.222	0	0	0	7
PL.55501	PL.45133	B	6 A (CWC)	7.25Y	120.9	0.00	4.14	0.77	1	5	1	98	0.00	0.0	6.178	0.147	5	1	4	4
PL.47048	PL.45133	B	6 A (CWC)	7.25Y	120.9	0.01	4.15	1.68	1	12	3	97	0.00	0.0	6.148	0.117	0	0	0	3
PL.47082	PL.47048	B	6 A (CWC)	7.25Y	120.8	0.01	4.16	1.68	1	12	3	97	0.00	0.0	6.273	0.125	0	0	0	3
PL.55498	PL.47082	B	6 A (CWC)	7.25Y	120.8	0.01	4.16	1.51	1	11	3	96	0.00	0.0	6.413	0.140	0	0	0	2
PL.55499	PL.55498	B	6 A (CWC)	7.25Y	120.8	0.01	4.17	1.51	1	11	3	96	0.00	0.0	6.520	0.107	3	1	1	2

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.55500	PL.55499	B	6 A (CWC)	7.25Y	120.8	0.00	4.17	1.03	1	7	2	96	0.00	0.0	6.574	0.053	7	2	1	1
PL.45968	PL.47082	B	6 A (CWC)	7.25Y	120.8	0.00	4.16	0.17	0	1	0	100	0.00	0.0	6.379	0.106	0	0	0	1
PL.55496	PL.45968	B	6 A (CWC)	7.25Y	120.8	0.00	4.16	0.17	0	1	0	100	0.00	0.0	6.443	0.064	1	0	1	1
PL.55497	PL.55496	B	6 A (CWC)	7.25Y	120.8	0.00	4.16	0.00	0	0	0	100	0.00	0.0	6.580	0.137	0	0	0	0
PL.55495	PL.55497	B	6 A (CWC)	7.25Y	120.8	0.00	4.16	0.00	0	0	0	100	0.00	0.0	7.074	0.494	0	0	0	0
PL.46477	PL.55497	B	6 A (CWC)	7.25Y	120.8	0.00	4.16	0.00	0	0	0	100	0.00	0.0	6.729	0.149	0	0	0	0
PL.46216	PL.47048	B	6 A (CWC)	7.25Y	120.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	6.213	0.065	0	0	0	0
PL.64737	PL.55502	B	6 A (CWC)	7.25Y	120.9	0.00	4.11	0.73	1	5	1	98	0.00	0.0	5.814	0.004	0	0	0	1
PD.9563	PL.64737	B	20T	7.25Y	120.9	0.00	4.11	0.73	0	5	1	98	0.00	0.0	5.814	0.004	0	0	0	1
PL.64738	PD.9563	B	6 A (CWC)	7.25Y	120.9	0.01	4.12	0.73	1	5	1	98	0.00	0.0	6.204	0.390	5	1	1	1
PL.54813	PL.54811	A	#1/0 ACSR	7.26Y	121.0	0.00	4.05	1.01	0	7	2	96	0.00	0.0	5.445	0.003	0	0	0	2
PD.8195	PL.54813	A	25QA	7.26Y	121.0	0.00	4.05	1.01	4	7	2	96	0.00	0.0	5.445	0.003	0	0	0	2
PL.54814	PD.8195	A	#1/0 ACSR	7.26Y	121.0	0.00	4.05	1.01	0	7	2	96	0.00	0.0	5.466	0.021	7	2	2	2
PL.56628	PL.46078	A	#4 ACSR	7.26Y	121.0	0.00	4.03	3.53	3	25	6	97	0.00	0.0	5.364	0.004	0	0	0	7
PD.8319	PL.56628	A	30T	7.26Y	121.0	0.00	4.03	3.53	0	25	6	97	0.00	0.0	5.364	0.004	0	0	0	7
PL.56629	PD.8319	A	#4 ACSR	7.26Y	121.0	0.01	4.03	3.53	3	25	6	97	0.00	0.0	5.410	0.046	0	0	0	7
PL.55373	PL.56629	A	#2 ACSR	7.26Y	121.0	0.01	4.04	1.95	1	14	4	96	0.00	0.0	5.544	0.134	4	1	2	5
PL.55374	PL.55373	A	#2 ACSR	7.26Y	121.0	0.00	4.04	1.38	1	10	3	96	0.00	0.0	5.579	0.035	10	3	3	3
PL.55371	PL.56629	A	#2 ACSR	7.26Y	121.0	0.00	4.04	1.58	1	11	3	96	0.00	0.0	5.438	0.027	3	1	1	2
PL.55372	PL.55371	A	#2 ACSR	7.26Y	121.0	0.00	4.04	1.14	1	8	2	97	0.00	0.0	5.460	0.022	8	2	1	1
PL.55370	PL.55368	A	#2 ACSR	7.26Y	121.0	0.00	4.01	0.36	0	3	1	95	0.00	0.0	5.379	0.093	3	1	1	1
PL.54804	PL.55148	C	#2 ACSR	7.26Y	121.0	0.00	3.96	1.37	1	10	3	96	0.00	0.0	5.132	0.030	10	3	1	1
PL.55527	PL.55526	A	#2 ACSR	7.27Y	121.1	0.00	3.91	0.72	0	5	1	98	0.00	0.0	4.981	0.055	5	1	1	1
PL.55538	PL.54438	A	#2 ACSR	7.28Y	121.4	0.01	3.63	1.80	1	13	3	97	0.00	0.0	4.300	0.091	0	0	0	1
PL.55539	PL.55538	A	#2 ACSR	7.28Y	121.4	0.00	3.63	1.80	1	13	3	97	0.00	0.0	4.408	0.108	13	3	1	1
PL.55537	PL.55538	A	#1/0 ACSR	7.28Y	121.4	0.00	3.63	0.00	0	0	0	100	0.00	0.0	4.319	0.019	0	0	0	0
PL.54695	PL.46375	C	6 A (CWC)	7.28Y	121.4	0.01	3.60	0.75	1	5	1	98	0.00	0.0	4.301	0.152	0	0	0	1
PL.54437	PL.54695	C	6 A (CWC)	7.28Y	121.4	0.00	3.60	0.75	1	5	1	98	0.00	0.0	4.353	0.051	5	1	1	1
PL.54429	PL.46790	C	1/0 AL URD	7.30Y	121.6	0.00	3.39	1.28	1	9	2	98	0.00	0.0	3.797	0.075	9	2	2	2
PL.54427	PL.46790	C	#2 ACSR	7.30Y	121.6	0.00	3.39	1.29	1	9	2	98	0.00	0.0	3.781	0.059	1	0	1	2
PL.54428	PL.54427	C	#2 ACSR	7.30Y	121.6	0.00	3.39	1.14	1	8	2	97	0.00	0.0	3.843	0.062	8	2	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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.58340	PL.46006	C	6 A (CWC)	7.32Y	122.0	0.00	3.03	22.65	16	160	42	97	0.00	0.0	3.065	0.003	0	0	0	33
PD.8572	PL.58340	C	25T	7.32Y	122.0	0.00	3.03	22.65	0	160	42	97	0.00	0.0	3.065	0.003	0	0	0	33
PL.58342	PD.8572	C	6 A (CWC)	7.32Y	121.9	0.02	3.06	22.65	16	160	42	97	0.03	0.0	3.086	0.021	4	1	2	33
PL.58341	PL.58342	C	6 A (CWC)	7.31Y	121.9	0.04	3.09	22.06	16	156	41	97	0.05	0.0	3.127	0.041	10	3	1	31
PL.46572	PL.58341	C	6 A (CWC)	7.31Y	121.9	0.05	3.15	20.69	15	146	38	97	0.06	0.0	3.190	0.064	28	7	5	30
PL.63724	PL.46572	C	6 A (CWC)	7.31Y	121.8	0.07	3.22	16.70	12	118	31	97	0.06	0.1	3.285	0.094	0	0	0	25
PL.65298	PL.63724	C	#1/0 ACSR	7.31Y	121.8	0.00	3.22	1.86	1	13	3	97	0.00	0.0	3.318	0.033	0	0	0	1
PL.65299	PL.65298	C	#1/0 ACSR	7.31Y	121.8	0.00	3.22	1.86	1	13	3	97	0.00	0.0	3.318	0.000	13	3	1	1
PL.63725	PL.63724	C	6 A (CWC)	7.30Y	121.7	0.04	3.26	14.83	11	105	27	97	0.03	0.0	3.349	0.064	8	2	1	24
PL.59767	PL.63725	C	6 A (CWC)	7.30Y	121.7	0.04	3.30	13.72	10	97	25	97	0.03	0.0	3.412	0.063	0	0	2	23
PL.55315	PL.59767	C	6 A (CWC)	7.30Y	121.7	0.02	3.32	13.67	10	97	25	97	0.01	0.0	3.443	0.032	0	0	0	21
PL.55314	PL.55315	C	6 A (CWC)	7.30Y	121.7	0.01	3.33	1.44	1	10	3	96	0.00	0.0	3.639	0.195	10	3	1	1
PL.55310	PL.55315	C	6 A (CWC)	7.30Y	121.6	0.06	3.39	12.23	9	86	23	97	0.04	0.0	3.560	0.116	0	0	1	20
PL.55311	PL.55310	C	6 A (CWC)	7.30Y	121.6	0.00	3.39	0.39	0	3	1	95	0.00	0.0	3.622	0.062	0	0	1	2
PL.47092	PL.55311	C	6 A (CWC)	7.30Y	121.6	0.00	3.39	0.39	0	3	1	95	0.00	0.0	3.702	0.080	3	1	1	1
PL.47093	PL.47092	C	6 A (CWC)	7.30Y	121.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	3.756	0.055	0	0	0	0
PL.47006	PL.47093	C	#4 ACSR	7.30Y	121.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	3.837	0.081	0	0	0	0
PL.55313	PL.47093	C	6 A (CWC)	7.30Y	121.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	3.829	0.072	0	0	0	0
PL.55312	PL.55310	C	6 A (CWC)	7.30Y	121.6	0.01	3.40	11.81	8	83	22	97	0.01	0.0	3.584	0.025	0	0	0	17
PL.55546	PL.55312	C	#2 ACSR	7.30Y	121.6	0.00	3.40	0.80	0	6	1	99	0.00	0.0	3.603	0.019	6	1	1	1
PL.47094	PL.55312	C	6 A (CWC)	7.30Y	121.6	0.01	3.41	11.01	8	78	20	97	0.01	0.0	3.607	0.022	0	0	0	16
PL.55309	PL.47094	C	#2 ACSR	7.30Y	121.6	0.00	3.41	0.72	0	5	1	98	0.00	0.0	3.661	0.055	5	1	1	1
PL.55308	PL.47094	C	6 A (CWC)	7.29Y	121.6	0.04	3.45	10.29	7	73	19	97	0.02	0.0	3.687	0.080	0	0	0	15
PL.55307	PL.55308	C	6 A (CWC)	7.29Y	121.4	0.12	3.57	10.29	7	73	19	97	0.06	0.1	3.939	0.252	0	0	0	15
PL.55305	PL.55307	C	6 A (CWC)	7.29Y	121.4	0.01	3.57	1.00	1	7	2	96	0.00	0.0	4.127	0.188	3	1	1	2
PL.55306	PL.55305	C	6 A (CWC)	7.29Y	121.4	0.00	3.57	0.61	0	4	1	97	0.00	0.0	4.226	0.100	4	1	1	1
PL.46223	PL.55307	C	6 A (CWC)	7.29Y	121.4	0.02	3.58	9.19	7	65	17	97	0.01	0.0	3.977	0.039	2	1	1	12
PL.47095	PL.46223	C	6 A (CWC)	7.28Y	121.4	0.03	3.61	8.85	6	62	16	97	0.01	0.0	4.052	0.075	0	0	0	11
PL.55160	PL.47095	C	6 A (CWC)	7.28Y	121.3	0.07	3.69	8.52	6	60	16	97	0.03	0.1	4.245	0.193	1	0	1	10
PL.55206	PL.55160	C	6 A (CWC)	7.28Y	121.3	0.02	3.70	8.44	6	59	15	97	0.01	0.0	4.284	0.039	0	0	0	9
PL.47096	PL.55206	C	6 A (CWC)	7.28Y	121.3	0.00	3.70	1.11	1	8	2	97	0.00	0.0	4.326	0.042	0	0	0	2

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Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky  
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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.55207	PL.47096	C	6 A (CWC)	7.28Y	121.3	0.00	3.70	1.11	1	8	2	97	0.00	0.0	4.357	0.031	8	2	2	2
PL.55159	PL.55206	C	#4 ACSR	7.28Y	121.3	0.01	3.71	7.33	6	52	13	97	0.00	0.0	4.313	0.029	14	4	2	7
PL.55158	PL.55159	C	#4 ACSR	7.28Y	121.3	0.01	3.72	5.39	4	38	10	97	0.00	0.0	4.342	0.029	7	2	1	5
PL.55319	PL.55158	C	#4 ACSR	7.28Y	121.3	0.01	3.72	4.42	3	31	8	97	0.00	0.0	4.387	0.045	12	3	2	4
PL.55320	PL.55319	C	#4 ACSR	7.28Y	121.3	0.01	3.73	2.72	2	19	5	97	0.00	0.0	4.469	0.082	11	3	1	2
PL.55318	PL.55320	C	#4 ACSR	7.28Y	121.3	0.00	3.73	1.14	1	8	2	97	0.00	0.0	4.624	0.156	8	2	1	1
PL.55303	PL.47095	C	6 A (CWC)	7.28Y	121.4	0.00	3.61	0.33	0	2	1	89	0.00	0.0	4.096	0.044	2	1	1	1
PL.55304	PL.55307	C	6 A (CWC)	7.29Y	121.4	0.00	3.57	0.10	0	1	0	100	0.00	0.0	3.979	0.040	1	0	1	1
PL.60389	PL.60385	BC	#1/0 ACSR	7.33Y	122.2	0.00	2.85	2.09	1	31	1	100	0.00	0.0	2.809	0.003	0	0	0	3
PD.8862	PL.60389	BC	65QA	7.33Y	122.2	0.00	2.85	2.09	0	31	1	100	0.00	0.0	2.809	0.003	0	0	0	3
PL.60390	PD.8862	BC	#1/0 ACSR	7.33Y	122.2	0.00	2.85	2.09	1	31	1	100	0.00	0.0	2.843	0.034	0	0	0	3
PL.60270	PL.60390	B	1/0 AL URD	7.33Y	122.2	-0.00	2.84	-0.56	0	0	-4	0	0.00	0.0	3.221	0.378	0	0	0	0
PL.60271	PL.60270	B	1/0 AL URD	7.33Y	122.2	-0.00	2.84	-0.36	0	0	-3	0	0.00	0.0	3.892	0.671	0	0	0	0
PL.60265	PL.60390	C	1/0 AL URD	7.33Y	122.2	0.00	2.85	4.25	2	31	5	99	0.00	0.0	2.868	0.025	11	3	1	3
PL.60267	PL.60265	C	1/0 AL URD	7.33Y	122.1	0.00	2.85	2.70	2	20	3	99	0.00	0.0	2.921	0.052	11	3	1	2
PL.60268	PL.60267	C	1/0 AL URD	7.33Y	122.1	0.00	2.85	1.11	1	8	0	100	0.00	0.0	3.076	0.156	8	2	1	1
PL.60269	PL.60268	C	1/0 AL URD	7.33Y	122.1	-0.00	2.85	-0.23	0	0	-2	0	0.00	0.0	3.135	0.058	0	0	0	0
PL.60345	PL.60269	C	1/0 AL URD	7.33Y	122.1	-0.00	2.85	-0.20	0	0	-1	0	0.00	0.0	3.181	0.046	0	0	0	0
PL.60346	PL.60345	C	1/0 AL URD	7.33Y	122.1	-0.00	2.85	-0.18	0	0	-1	0	0.00	0.0	3.236	0.055	0	0	0	0
PL.60347	PL.60346	C	1/0 AL URD	7.33Y	122.1	-0.00	2.85	-0.15	0	0	-1	0	0.00	0.0	3.345	0.109	0	0	0	0
PL.61062	PL.60347	C	1/0 AL URD	7.33Y	122.1	-0.00	2.85	-0.09	0	0	-1	0	0.00	0.0	3.517	0.172	0	0	0	0
PL.41538	PL.54688	A	#1/0 ACSR	7.34Y	122.3	0.00	2.67	2.18	1	15	4	97	0.00	0.0	2.621	0.032	15	4	1	1
PL.54690	PL.54689	A	#1/0 ACSR	7.34Y	122.4	0.00	2.60	4.64	2	33	9	96	0.00	0.0	2.518	0.007	0	0	0	1
PD.8152	PL.54690	A	20QA	7.34Y	122.4	0.00	2.60	4.64	23	33	9	96	0.00	0.0	2.518	0.007	0	0	0	1
PL.54691	PD.8152	A	#1/0 ACSR	7.34Y	122.4	0.00	2.60	4.64	2	33	9	96	0.00	0.0	2.549	0.031	33	9	1	1
PL.46978	PL.46977	C	#2 ACSR	7.42Y	123.6	0.00	1.37	1.45	1	10	3	96	0.00	0.0	1.137	0.002	0	0	0	1
PD.7192	PL.46978	C	100T	7.42Y	123.6	0.00	1.37	1.45	0	10	3	96	0.00	0.0	1.137	0.002	0	0	0	1
PL.54831	PD.7192	C	#2 ACSR	7.42Y	123.6	0.00	1.37	1.45	1	10	3	96	0.00	0.0	1.208	0.072	10	3	1	1
PL.46022	PL.47033	C	6 A (CWC)	7.47Y	124.5	0.00	0.53	0.16	0	1	0	100	0.00	0.0	0.432	0.001	0	0	0	1
PD.7190	PL.46022	C	40T	7.47Y	124.5	0.00	0.53	0.16	0	1	0	100	0.00	0.0	0.432	0.001	0	0	0	1
PL.46023	PD.7190	C	6 A (CWC)	7.47Y	124.5	0.00	0.53	0.16	0	1	0	100	0.00	0.0	0.454	0.022	1	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

Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.52871	Campground	ABC	336 MCM AC	7.50Y	125.0	0.00	0.00	99.12	19	2153	582	97	0.01	0.0	0.002	0.002	0	0	0	322
PL.52874	PL.52871	ABC	336 MCM AC	7.50Y	125.0	0.00	0.00	99.12	19	2153	582	97	0.02	0.0	0.005	0.003	0	0	0	322
----- Feeder No. 3 (Old State Rd F3) Beginning with Device PD.7981 -----																				
PD.7981	PL.52874	ABC	480VWE	7.50Y	125.0	0.00	0.00	99.12	0	2153	581	97	0.00	0.0	0.005	0.003	0	0	0	322
PL.45131	PD.7981	ABC	336 MCM AC	7.49Y	124.8	0.15	0.15	99.12	19	2153	581	97	1.69	0.1	0.209	0.204	0	0	0	322
PL.45132	PL.45131	ABC	336 MCM AC	7.48Y	124.6	0.22	0.37	98.93	19	2147	576	97	2.50	0.1	0.512	0.303	0	0	0	321
PL.46499	PL.45132	ABC	336 MCM AC	7.47Y	124.5	0.15	0.52	71.46	14	1549	415	97	1.23	0.1	0.797	0.285	0	0	0	238
PL.47055	PL.46499	ABC	336 MCM AC	7.46Y	124.3	0.17	0.69	71.46	14	1547	412	97	1.38	0.1	1.119	0.321	0	0	0	238
PL.47056	PL.47055	ABC	336 MCM AC	7.45Y	124.2	0.07	0.76	71.46	14	1546	409	97	0.58	0.0	1.254	0.136	3	1	1	238
PL.47107	PL.47056	ABC	336 MCM AC	7.44Y	124.1	0.16	0.92	69.63	13	1506	397	97	1.30	0.1	1.572	0.317	0	0	0	232
PL.47111	PL.47107	C	#4 ACSR	7.44Y	124.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	1.573	0.001	0	0	0	0
PD.7241	PL.47111	C	75QA	7.44Y	124.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	1.573	0.001	0	0	0	0
PL.46037	PD.7241	C	#4 ACSR	7.44Y	124.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	1.691	0.118	0	0	0	0
PL.47108	PL.47107	ABC	336 MCM AC	7.44Y	124.0	0.07	1.00	69.34	13	1498	392	97	0.59	0.0	1.716	0.145	1	0	1	231
PL.46313	PL.47108	ABC	336 MCM AC	7.44Y	124.0	0.05	1.04	69.31	13	1497	391	97	0.36	0.0	1.806	0.090	0	0	0	230
PL.53145	PL.46313	ABC	336 MCM AC	7.43Y	123.9	0.06	1.10	69.00	13	1490	388	97	0.46	0.0	1.921	0.115	8	2	2	229
PL.56371	PL.53145	ABC	336 MCM AC	7.43Y	123.9	0.04	1.14	68.64	13	1482	385	97	0.34	0.0	2.008	0.087	3	1	1	227
PL.56370	PL.56371	ABC	#1/0 ACSR	7.43Y	123.8	0.06	1.20	46.09	20	995	256	97	0.41	0.0	2.083	0.074	42	11	6	160
PL.53143	PL.56370	ABC	#1/0 ACSR	7.42Y	123.7	0.05	1.25	44.14	19	953	245	97	0.33	0.0	2.146	0.064	0	0	0	154
PL.53148	PL.53143	ABC	#1/0 ACSR	7.42Y	123.7	0.00	1.25	44.14	19	952	245	97	0.01	0.0	2.149	0.002	0	0	0	154
C PD.7990	PL.53148	ABC	50L	7.42Y	123.7	0.00	1.25	44.14	88	952	245	97	0.00	0.0	2.149	0.002	0	0	0	154 C
PL.53150	PD.7990	ABC	#1/0 ACSR	7.42Y	123.7	0.02	1.28	44.14	19	952	245	97	0.16	0.0	2.180	0.031	25	6	4	154
PL.60436	PL.53150	C	#1/0 ACSR	7.42Y	123.7	0.00	1.28	1.21	1	9	2	98	0.00	0.0	2.215	0.035	0	0	0	1
PL.60437	PL.60436	C	#1/0 ACSR	7.42Y	123.7	0.00	1.28	1.21	1	9	2	98	0.00	0.0	2.231	0.016	9	2	1	1
PL.53149	PL.53150	A	6 A (CWC)	7.42Y	123.7	0.00	1.28	24.51	18	176	46	97	0.00	0.0	2.182	0.003	0	0	0	28
PD.7006	PL.53149	A	30T	7.42Y	123.7	0.00	1.28	24.51	0	176	46	97	0.00	0.0	2.182	0.003	0	0	0	28
PL.47101	PD.7006	A	6 A (CWC)	7.41Y	123.6	0.16	1.44	24.51	18	176	46	97	0.20	0.1	2.329	0.147	18	5	3	28
PL.46398	PL.47101	A	6 A (CWC)	7.41Y	123.5	0.05	1.49	15.54	11	111	29	97	0.04	0.0	2.406	0.078	9	2	2	18
PL.46510	PL.46398	A	#2 ACSR	7.41Y	123.5	0.00	1.49	4.13	2	30	8	97	0.00	0.0	2.425	0.019	19	5	2	3

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Balanced Voltage Drop Report  
Source: Campground

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

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
-----																				
PL.46993	PL.46510	A	#2 ACSR	7.41Y	123.5	0.00	1.49	1.50	1	11	3	96	0.00	0.0	2.452	0.027	11	3	1	1
PL.46399	PL.46398	A	6 A (CWC)	7.41Y	123.5	0.03	1.51	10.21	7	73	19	97	0.01	0.0	2.466	0.060	9	2	2	13
PL.56381	PL.46399	A	6 A (CWC)	7.41Y	123.5	0.02	1.53	8.90	6	64	17	97	0.01	0.0	2.506	0.040	2	0	1	11
PL.56382	PL.56381	A	#4 ACSR	7.41Y	123.5	0.00	1.53	0.67	1	5	1	98	0.00	0.0	2.516	0.011	0	0	0	1
PL.45970	PL.56382	A	#4 ACSR	7.41Y	123.5	0.00	1.53	0.67	1	5	1	98	0.00	0.0	2.576	0.059	5	1	1	1
PL.46041	PL.56382	A	#4 ACSR	7.41Y	123.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	2.551	0.034	0	0	0	0
PL.56387	PL.56381	A	#4 ACSR	7.41Y	123.5	0.01	1.55	8.00	6	57	15	97	0.01	0.0	2.550	0.045	9	2	1	9
PL.56386	PL.56387	A	#4 ACSR	7.41Y	123.4	0.01	1.56	4.72	4	34	9	97	0.00	0.0	2.613	0.063	5	1	2	7
PL.56383	PL.56386	A	#4 ACSR	7.41Y	123.4	0.01	1.56	3.26	3	23	6	97	0.00	0.0	2.659	0.046	0	0	0	4
PL.46827	PL.56383	A	#4 ACSR	7.41Y	123.4	0.01	1.57	3.26	3	23	6	97	0.00	0.0	2.712	0.053	6	2	1	4
PL.60591	PL.46827	A	#4 ACSR	7.41Y	123.4	0.00	1.57	2.36	2	17	4	97	0.00	0.0	2.725	0.013	7	2	1	3
PL.60592	PL.60591	A	#4 ACSR	7.41Y	123.4	0.00	1.57	1.38	1	10	3	96	0.00	0.0	2.776	0.052	10	3	2	2
PL.56384	PL.56386	A	#4 ACSR	7.41Y	123.4	0.00	1.56	0.72	1	5	1	98	0.00	0.0	2.636	0.022	5	1	1	1
PL.56385	PL.56384	A	#4 ACSR	7.41Y	123.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	2.686	0.051	0	0	0	0
PL.56388	PL.56387	A	#4 ACSR	7.41Y	123.5	0.00	1.55	2.01	2	14	4	96	0.00	0.0	2.569	0.019	0	0	0	1
PL.56390	PL.56388	A	#2 ACSR	7.41Y	123.5	0.00	1.55	0.00	0	0	0	100	0.00	0.0	2.588	0.019	0	0	0	0
PL.56389	PL.56388	A	#4 ACSR	7.41Y	123.5	0.00	1.55	2.01	2	14	4	96	0.00	0.0	2.609	0.040	14	4	1	1
PL.46039	PL.47101	A	6 A (CWC)	7.41Y	123.6	0.01	1.45	6.41	5	46	12	97	0.00	0.0	2.375	0.047	0	0	0	7
PL.55643	PL.46039	A	#2 ACSR	7.41Y	123.5	0.00	1.45	3.42	2	25	6	97	0.00	0.0	2.395	0.020	10	3	1	2
PL.55644	PL.55643	A	#2 ACSR	7.41Y	123.5	0.00	1.45	2.02	1	14	4	96	0.00	0.0	2.415	0.020	14	4	1	1
PL.46040	PL.46039	A	6 A (CWC)	7.41Y	123.5	0.01	1.46	3.00	2	21	6	96	0.00	0.0	2.458	0.083	11	3	2	5
PL.55833	PL.46040	A	6 A (CWC)	7.41Y	123.5	0.00	1.46	1.00	1	7	2	96	0.00	0.0	2.552	0.095	7	2	2	2
PL.55832	PL.46040	A	#2 ACSR	7.41Y	123.5	0.00	1.46	0.48	0	3	1	95	0.00	0.0	2.497	0.040	3	1	1	1
PL.53151	PL.53150	ABC	#1/0 ACSR	7.42Y	123.7	0.04	1.32	34.42	15	743	190	97	0.22	0.0	2.251	0.071	4	1	1	121
PL.56113	PL.53151	ABC	#1/0 ACSR	7.42Y	123.6	0.03	1.36	33.88	15	731	187	97	0.17	0.0	2.308	0.057	31	8	4	119
PL.56117	PL.56113	ABC	#1/0 ACSR	7.42Y	123.6	0.01	1.37	32.42	14	699	178	97	0.06	0.0	2.330	0.023	0	0	0	115
PL.56118	PL.56117	ABC	#1/0 ACSR	7.41Y	123.6	0.06	1.43	32.05	14	691	176	97	0.27	0.0	2.431	0.100	0	0	0	111
PL.56114	PL.56118	ABC	#1/0 ACSR	7.41Y	123.5	0.08	1.50	31.91	14	688	175	97	0.38	0.1	2.569	0.138	0	0	0	110
PL.46516	PL.56114	C	6 A (CWC)	7.41Y	123.5	0.00	1.50	3.16	2	23	6	97	0.00	0.0	2.570	0.001	0	0	0	2
PD.7292	PL.46516	C	40QA	7.41Y	123.5	0.00	1.50	3.16	8	23	6	97	0.00	0.0	2.570	0.001	0	0	0	2
PL.46517	PD.7292	C	#2 ACSR	7.41Y	123.5	0.00	1.51	3.16	2	23	6	97	0.00	0.0	2.583	0.013	10	2	1	2
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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.52955	PL.46517	C	#4 ACSR	7.41Y	123.5	0.00	1.51	1.82	1	13	3	97	0.00	0.0	2.672	0.089	13	3	1	1
PL.53263	PL.56114	ABC	#1/0 ACSR	7.41Y	123.5	0.02	1.52	30.85	13	665	169	97	0.08	0.0	2.599	0.030	7	2	1	108
PL.53266	PL.53263	A	1/0 AL URD	7.41Y	123.5	0.00	1.52	13.24	8	95	23	97	0.00	0.0	2.602	0.003	0	0	0	20
PD.8092	PL.53266	A	40QA	7.41Y	123.5	0.00	1.52	13.24	33	95	23	97	0.00	0.0	2.602	0.003	0	0	0	20
PL.53262	PD.8092	A	1/0 AL URD	7.41Y	123.4	0.03	1.55	13.24	8	95	23	97	0.02	0.0	2.682	0.080	7	2	3	20
PL.53261	PL.53262	A	1/0 AL URD	7.41Y	123.4	0.03	1.58	12.25	7	88	21	97	0.02	0.0	2.760	0.077	20	5	2	17
PL.52978	PL.53261	A	1/0 AL URD	7.40Y	123.4	0.01	1.59	9.51	6	68	16	97	0.01	0.0	2.801	0.041	14	4	2	15
PL.52979	PL.52978	A	1/0 AL URD	7.40Y	123.4	0.01	1.60	7.53	4	54	13	97	0.00	0.0	2.842	0.042	10	3	4	13
PL.53153	PL.52979	A	1/0 AL URD	7.40Y	123.4	0.01	1.61	6.16	4	44	11	97	0.00	0.0	2.883	0.041	19	5	4	9
PL.53034	PL.53153	A	1/0 AL URD	7.40Y	123.4	0.01	1.61	3.58	2	26	6	97	0.00	0.0	2.939	0.055	7	2	2	5
PL.53037	PL.53034	A	1/0 AL URD	7.40Y	123.4	0.00	1.61	1.92	1	14	3	98	0.00	0.0	2.965	0.026	14	4	2	2
PL.53035	PL.53034	A	1/0 AL URD	7.40Y	123.4	0.00	1.61	0.69	0	5	1	98	0.00	0.0	3.038	0.100	5	1	1	1
PL.53036	PL.53035	A	1/0 AL URD	7.40Y	123.4	0.00	1.61	-0.02	0	0	0	100	0.00	0.0	3.074	0.036	0	0	0	0
PL.53264	PL.53263	ABC	#1/0 ACSR	7.41Y	123.5	0.02	1.54	21.14	9	455	119	97	0.06	0.0	2.652	0.053	19	5	3	69
PL.52974	PL.53264	ABC	#1/0 ACSR	7.41Y	123.4	0.01	1.56	20.27	9	436	114	97	0.04	0.0	2.692	0.040	7	2	2	66
PL.52973	PL.52974	A	#2 ACSR	7.41Y	123.4	0.00	1.56	6.47	4	46	12	97	0.00	0.0	2.716	0.024	5	1	1	9
PL.52956	PL.52973	A	6 A (CWC)	7.41Y	123.4	0.00	1.56	5.78	4	42	11	97	0.00	0.0	2.721	0.005	0	0	0	8
PD.7994	PL.52956	A	30QA	7.41Y	123.4	0.00	1.56	5.78	19	42	11	97	0.00	0.0	2.721	0.005	0	0	0	8
PL.52957	PD.7994	A	6 A (CWC)	7.41Y	123.4	0.02	1.58	5.78	4	42	11	97	0.00	0.0	2.783	0.061	2	1	1	8
PL.52959	PL.52957	A	6 A (CWC)	7.40Y	123.4	0.01	1.59	5.49	4	39	10	97	0.00	0.0	2.844	0.062	3	1	1	7
PL.52958	PL.52959	A	6 A (CWC)	7.40Y	123.4	0.03	1.62	5.04	4	36	9	97	0.01	0.0	2.987	0.143	7	2	2	6
PL.53141	PL.52958	A	6 A (CWC)	7.40Y	123.4	0.02	1.64	4.11	3	29	7	97	0.00	0.0	3.118	0.131	13	3	2	4
PL.52960	PL.53141	A	6 A (CWC)	7.40Y	123.4	0.01	1.65	2.36	2	17	4	97	0.00	0.0	3.198	0.080	0	0	0	2
PL.52961	PL.52960	A	6 A (CWC)	7.40Y	123.3	0.00	1.65	2.36	2	17	4	97	0.00	0.0	3.248	0.050	9	2	1	2
PL.53142	PL.52961	A	1/0 AL URD	7.40Y	123.3	0.00	1.65	1.14	1	8	2	97	0.00	0.0	3.292	0.044	8	2	1	1
PL.52972	PL.52974	ABC	#1/0 ACSR	7.41Y	123.4	0.01	1.57	17.78	8	382	100	97	0.04	0.0	2.739	0.046	0	0	0	55
PL.52962	PL.52972	C	#2 ACSR	7.41Y	123.4	0.00	1.57	0.02	0	0	0	100	0.00	0.0	2.741	0.002	0	0	0	1
PD.8085	PL.52962	C	10QA	7.41Y	123.4	0.00	1.57	0.02	0	0	0	100	0.00	0.0	2.741	0.002	0	0	0	1
PL.53258	PD.8085	C	#2 ACSR	7.41Y	123.4	0.00	1.57	0.02	0	0	0	100	0.00	0.0	2.824	0.083	0	0	1	1
PL.56162	PL.52972	ABC	#1/0 ACSR	7.40Y	123.4	0.05	1.62	17.77	8	382	100	97	0.14	0.0	2.905	0.167	0	0	0	54
PL.56165	PL.56162	ABC	#1/0 ACSR	7.40Y	123.4	0.01	1.63	16.82	7	361	95	97	0.03	0.0	2.944	0.039	0	0	0	50

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.56166	PL.56165	ABC	#1/0 ACSR	7.40Y	123.3	0.02	1.65	16.44	7	353	93	97	0.05	0.0	3.012	0.068	9	2	1	49
PL.56164	PL.56166	ABC	#1/0 ACSR	7.40Y	123.3	0.01	1.67	16.03	7	344	90	97	0.03	0.0	3.055	0.043	0	0	0	48
PL.56110	PL.56164	ABC	#1/0 ACSR	7.40Y	123.3	0.02	1.68	15.46	7	332	87	97	0.04	0.0	3.120	0.065	1	0	1	47
PL.52963	PL.56110	ABC	#1/0 ACSR	7.40Y	123.3	0.05	1.73	15.40	7	331	87	97	0.11	0.0	3.287	0.167	0	0	0	46
PL.52966	PL.52963	C	#2 ACSR	7.40Y	123.3	0.00	1.73	3.28	2	24	6	97	0.00	0.0	3.291	0.004	0	0	0	4
PD.8088	PL.52966	C	10QA	7.40Y	123.3	0.00	1.73	3.28	0	24	6	97	0.00	0.0	3.291	0.004	0	0	0	4
PL.52967	PD.8088	C	#2 ACSR	7.40Y	123.3	0.00	1.73	3.28	2	24	6	97	0.00	0.0	3.342	0.051	24	6	4	4
PL.52968	PL.52963	ABC	#1/0 ACSR	7.39Y	123.2	0.03	1.76	13.90	6	298	78	97	0.06	0.0	3.402	0.115	0	0	0	41
PL.52969	PL.52968	ABC	#1/0 ACSR	7.39Y	123.2	0.01	1.77	10.82	5	232	61	97	0.02	0.0	3.459	0.056	7	2	2	30
PL.52971	PL.52969	ABC	#1/0 ACSR	7.39Y	123.2	0.01	1.78	10.51	5	226	59	97	0.01	0.0	3.491	0.032	0	0	0	28
PL.56097	PL.52971	B	6 A (CWC)	7.39Y	123.2	0.01	1.78	31.53	23	226	59	97	0.01	0.0	3.495	0.004	0	0	0	28
C PD.8227	PL.56097	B	30QA	7.39Y	123.2	0.00	1.78	31.53	105	226	59	97	0.00	0.0	3.495	0.004	0	0	0	28
PL.56098	PD.8227	B	6 A (CWC)	7.38Y	123.0	0.23	2.01	31.53	23	226	59	97	0.37	0.2	3.655	0.160	8	2	3	28
PL.59782	PL.56098	B	6 A (CWC)	7.37Y	122.9	0.09	2.09	30.34	22	217	57	97	0.14	0.1	3.718	0.063	6	1	1	25
PL.59784	PL.59782	B	#1/0 ACSR	7.37Y	122.9	0.03	2.13	29.55	13	211	55	97	0.04	0.0	3.765	0.047	0	0	0	24
PL.63550	PL.59784	B	#1/0 ACSR	7.37Y	122.8	0.04	2.16	29.55	13	211	55	97	0.05	0.0	3.822	0.057	22	6	2	24
PL.63551	PL.63550	B	#1/0 ACSR	7.37Y	122.8	0.09	2.25	26.41	11	188	49	97	0.10	0.1	3.976	0.154	27	7	6	22
PL.59783	PL.63551	B	6 A (CWC)	7.36Y	122.7	0.09	2.34	22.56	16	161	42	97	0.11	0.1	4.068	0.092	0	0	0	16
PL.45961	PL.59783	B	6 A (CWC)	7.35Y	122.5	0.14	2.49	14.30	10	102	27	97	0.11	0.1	4.300	0.231	10	3	1	13
PL.45960	PL.45961	B	6 A (CWC)	7.35Y	122.5	0.06	2.54	12.90	9	92	24	97	0.04	0.0	4.404	0.104	9	2	1	12
PL.56063	PL.45960	B	#2 ACSR	7.34Y	122.4	0.07	2.61	11.12	6	79	21	97	0.04	0.1	4.605	0.201	0	0	0	10
PL.56090	PL.56063	B	#1/0 ACSR	7.34Y	122.4	0.00	2.62	3.81	2	27	7	97	0.00	0.0	4.653	0.048	12	3	1	3
PL.57577	PL.56090	B	#1/0 ACSR	7.34Y	122.4	0.00	2.62	2.19	1	16	4	97	0.00	0.0	4.738	0.085	0	0	0	2
PL.57579	PL.57577	B	#1/0 ACSR	7.34Y	122.4	0.00	2.62	2.19	1	16	4	97	0.00	0.0	4.786	0.048	8	2	1	2
PL.57580	PL.57579	B	#1/0 ACSR	7.34Y	122.4	0.00	2.62	1.00	0	7	2	96	0.00	0.0	4.790	0.003	0	0	0	1
PD.8379	PL.57580	B	15QA	7.34Y	122.4	0.00	2.62	1.00	0	7	2	96	0.00	0.0	4.790	0.003	0	0	0	1
PL.57581	PD.8379	B	#1/0 ACSR	7.34Y	122.4	0.00	2.62	1.00	0	7	2	96	0.00	0.0	4.843	0.054	7	2	1	1
PL.57578	PL.57577	B	#1/0 ACSR	7.34Y	122.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	4.773	0.035	0	0	0	0
PL.56212	PL.56063	B	#2 ACSR	7.34Y	122.4	0.02	2.64	7.30	4	52	13	97	0.01	0.0	4.712	0.108	10	3	1	7
PL.64354	PL.56212	B	#2 ACSR	7.34Y	122.4	0.01	2.65	5.93	3	42	11	97	0.00	0.0	4.770	0.057	5	1	1	6
PL.64355	PL.64354	B	#2 ACSR	7.34Y	122.4	0.00	2.65	5.28	3	38	10	97	0.00	0.0	4.770	0.000	13	3	1	5

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: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.59532	PL.64355	B	6 A (CWC)	7.34Y	122.3	0.01	2.65	3.41	2	24	6	97	0.00	0.0	4.822	0.052	1	0	1	4
PL.63592	PL.59532	B	6 A (CWC)	7.34Y	122.3	0.01	2.66	3.31	2	23	6	97	0.00	0.0	4.887	0.065	0	0	0	3
PL.63593	PL.63592	B	#2 ACSR	7.34Y	122.3	0.01	2.67	2.98	2	21	6	96	0.00	0.0	5.064	0.177	21	6	2	2
PL.63594	PL.63592	B	#1/0 ACSR	7.34Y	122.3	0.00	2.66	0.32	0	2	1	89	0.00	0.0	4.906	0.019	0	0	0	1
PL.63595	PL.63594	B	#1/0 ACSR	7.34Y	122.3	0.00	2.67	0.32	0	2	1	89	0.00	0.0	4.973	0.066	0	0	0	1
PL.63596	PL.63595	B	#1/0 ACSR	7.34Y	122.3	0.00	2.67	0.32	0	2	1	89	0.00	0.0	5.010	0.037	2	1	1	1
PL.46484	PL.45960	B	#2 ACSR	7.35Y	122.5	0.00	2.55	0.57	0	4	1	97	0.00	0.0	4.516	0.113	4	1	1	1
PL.53253	PL.59783	B	6 A (CWC)	7.36Y	122.6	0.03	2.37	8.25	6	59	15	97	0.01	0.0	4.139	0.071	1	0	1	3
PL.53254	PL.53253	B	6 A (CWC)	7.36Y	122.6	0.01	2.38	8.16	6	58	15	97	0.00	0.0	4.173	0.034	14	4	1	2
PL.53256	PL.53254	B	6 A (CWC)	7.36Y	122.6	0.01	2.39	6.18	4	44	11	97	0.00	0.0	4.217	0.044	0	0	0	1
PL.53257	PL.53256	B	6 A (CWC)	7.36Y	122.6	0.00	2.40	6.18	4	44	11	97	0.00	0.0	4.242	0.024	44	11	1	1
PL.53255	PL.53257	B	6 A (CWC)	7.36Y	122.6	0.00	2.40	0.00	0	0	0	100	0.00	0.0	4.263	0.021	0	0	0	0
PL.52970	PL.52968	A	#2 ACSR	7.39Y	123.2	0.00	1.76	9.22	5	66	17	97	0.00	0.0	3.406	0.004	0	0	0	11
PD.8089	PL.52970	A	20QA	7.39Y	123.2	0.00	1.76	9.22	46	66	17	97	0.00	0.0	3.406	0.004	0	0	0	11
PL.59534	PD.8089	A	#2 ACSR	7.39Y	123.2	0.01	1.77	9.22	5	66	17	97	0.00	0.0	3.438	0.032	16	4	2	11
PL.59533	PL.59534	A	#4 ACSR	7.39Y	123.2	0.02	1.79	6.99	5	50	13	97	0.01	0.0	3.509	0.071	15	4	1	9
PL.53273	PL.59533	A	#4 ACSR	7.39Y	123.2	0.01	1.79	4.96	4	36	9	97	0.00	0.0	3.533	0.024	0	0	1	8
PL.63537	PL.53273	A	#4 ACSR	7.39Y	123.2	0.00	1.79	4.96	4	36	9	97	0.00	0.0	3.533	0.000	5	1	1	7
PL.63538	PL.63537	A	#4 ACSR	7.39Y	123.2	0.01	1.80	4.32	3	31	8	97	0.00	0.0	3.584	0.051	6	1	1	6
PL.53269	PL.63538	A	#4 ACSR	7.39Y	123.2	0.00	1.81	1.48	1	11	3	96	0.00	0.0	3.642	0.058	0	0	0	3
PL.53270	PL.53269	A	#4 ACSR	7.39Y	123.2	0.00	1.81	1.48	1	11	3	96	0.00	0.0	3.706	0.063	11	3	3	3
PL.53274	PL.63538	A	#4 ACSR	7.39Y	123.2	0.00	1.80	2.04	2	15	4	97	0.00	0.0	3.598	0.013	15	4	2	2
PL.52964	PL.52963	C	#2 ACSR	7.40Y	123.3	0.00	1.73	1.24	1	9	2	98	0.00	0.0	3.290	0.003	0	0	0	1
PD.8087	PL.52964	C	10QA	7.40Y	123.3	0.00	1.73	1.24	0	9	2	98	0.00	0.0	3.290	0.003	0	0	0	1
PL.52965	PD.8087	C	#2 ACSR	7.40Y	123.3	0.00	1.73	1.24	1	9	2	98	0.00	0.0	3.317	0.027	9	2	1	1
PL.56111	PL.56164	B	#1/0 ACSR	7.40Y	123.3	0.00	1.67	1.71	1	12	3	97	0.00	0.0	3.059	0.004	0	0	0	1
PD.8290	PL.56111	B	10QA	7.40Y	123.3	0.00	1.67	1.71	0	12	3	97	0.00	0.0	3.059	0.004	0	0	0	1
PL.56112	PD.8290	B	#1/0 ACSR	7.40Y	123.3	0.00	1.67	1.71	1	12	3	97	0.00	0.0	3.081	0.022	12	3	1	1
PL.56167	PL.56165	C	#1/0 ACSR	7.40Y	123.4	0.00	1.63	1.12	0	8	2	97	0.00	0.0	2.949	0.004	0	0	0	1
PD.8238	PL.56167	C	10QA	7.40Y	123.4	0.00	1.63	1.12	0	8	2	97	0.00	0.0	2.949	0.004	0	0	0	1
PL.56168	PD.8238	C	#1/0 ACSR	7.40Y	123.4	0.00	1.64	1.12	0	8	2	97	0.00	0.0	3.015	0.066	8	2	1	1

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.56163	PL.56162	C	#2 ACSR	7.40Y	123.4	0.00	1.62	2.87	2	21	5	97	0.00	0.0	2.909	0.004	0	0	0	4
PD.8086	PL.56163	C	10QA	7.40Y	123.4	0.00	1.62	2.87	0	21	5	97	0.00	0.0	2.909	0.004	0	0	0	4
PL.53260	PD.8086	C	#2 ACSR	7.40Y	123.4	0.01	1.63	2.87	2	21	5	97	0.00	0.0	3.010	0.101	13	3	3	4
PL.53259	PL.53260	C	#2 ACSR	7.40Y	123.4	0.00	1.63	1.03	1	7	2	96	0.00	0.0	3.027	0.016	7	2	1	1
PL.53267	PL.53263	A	1/0 AL URD	7.41Y	123.5	0.00	1.52	14.89	9	107	25	97	0.00	0.0	2.603	0.004	0	0	0	18
PD.8093	PL.53267	A	40QA	7.41Y	123.5	0.00	1.52	14.89	37	107	25	97	0.00	0.0	2.603	0.004	0	0	0	18
PL.53268	PD.8093	A	1/0 AL URD	7.41Y	123.4	0.03	1.55	14.89	9	107	25	97	0.02	0.0	2.667	0.064	8	2	1	18
PL.53265	PL.53268	A	1/0 AL URD	7.41Y	123.4	0.02	1.57	13.74	8	99	23	97	0.01	0.0	2.707	0.040	13	3	2	17
PL.53298	PL.53265	A	1/0 AL URD	7.41Y	123.4	0.01	1.58	11.90	7	86	20	97	0.01	0.0	2.740	0.033	0	0	0	15
PL.53299	PL.53298	A	1/0 AL URD	7.40Y	123.4	0.02	1.60	8.00	5	58	14	97	0.01	0.0	2.814	0.074	10	3	1	10
PL.52975	PL.53299	A	1/0 AL URD	7.40Y	123.4	0.01	1.61	6.64	4	48	12	97	0.00	0.0	2.889	0.075	13	3	3	9
PL.52976	PL.52975	A	1/0 AL URD	7.40Y	123.4	0.00	1.61	4.78	3	34	8	97	0.00	0.0	2.925	0.036	13	3	2	6
PL.52977	PL.52976	A	1/0 AL URD	7.40Y	123.4	0.00	1.62	2.96	2	21	5	97	0.00	0.0	2.964	0.039	13	3	2	4
PL.59445	PL.52977	A	1/0 AL URD	7.40Y	123.4	0.00	1.62	1.09	1	8	2	97	0.00	0.0	3.003	0.039	8	2	2	2
PL.59446	PL.59445	A	1/0 AL URD	7.40Y	123.4	0.00	1.62	-0.00	0	0	0	100	0.00	0.0	3.010	0.007	0	0	0	0
PL.53300	PL.53298	A	1/0 AL URD	7.41Y	123.4	0.00	1.58	1.54	1	11	2	98	0.00	0.0	2.802	0.062	3	1	1	2
PL.53297	PL.53300	A	1/0 AL URD	7.41Y	123.4	0.00	1.58	1.15	1	8	2	97	0.00	0.0	2.844	0.043	8	2	1	1
PL.53302	PL.53297	A	1/0 AL URD	7.41Y	123.4	0.00	1.58	-0.02	0	0	0	100	0.00	0.0	2.880	0.036	0	0	0	0
PL.53303	PL.53302	A	1/0 AL URD	7.41Y	123.4	0.00	1.58	-0.00	0	0	0	100	0.00	0.0	2.888	0.008	0	0	0	0
PL.53301	PL.53298	A	1/0 AL URD	7.41Y	123.4	0.00	1.58	2.37	1	17	4	97	0.00	0.0	2.799	0.059	17	4	3	3
PL.53304	PL.53301	A	1/0 AL URD	7.41Y	123.4	-0.00	1.58	-0.05	0	0	0	100	0.00	0.0	2.838	0.038	0	0	0	0
PL.53305	PL.53304	A	1/0 AL URD	7.41Y	123.4	-0.00	1.58	-0.03	0	0	0	100	0.00	0.0	2.878	0.040	0	0	0	0
PL.53306	PL.53305	A	1/0 AL URD	7.41Y	123.4	0.00	1.58	-0.01	0	0	0	100	0.00	0.0	2.896	0.018	0	0	0	0
PL.56115	PL.56118	C	#2 ACSR	7.41Y	123.6	0.00	1.43	0.43	0	3	1	95	0.00	0.0	2.433	0.002	0	0	0	1
PD.7992	PL.56115	C	10QA	7.41Y	123.6	0.00	1.43	0.43	0	3	1	95	0.00	0.0	2.433	0.002	0	0	0	1
PL.52953	PD.7992	C	#2 ACSR	7.41Y	123.6	0.00	1.43	0.43	0	3	1	95	0.00	0.0	2.446	0.013	3	1	1	1
PL.56116	PL.56118	C	#2 ACSR	7.41Y	123.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	2.433	0.002	0	0	0	0
PD.7993	PL.56116	C	10QA	7.41Y	123.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	2.433	0.002	0	0	0	0
PL.52954	PD.7993	C	#2 ACSR	7.41Y	123.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	2.468	0.035	0	0	0	0
PL.56119	PL.56117	C	#1/0 ACSR	7.42Y	123.6	0.00	1.37	1.12	0	8	2	97	0.00	0.0	2.394	0.064	0	0	0	4
PL.56120	PL.56119	C	#1/0 ACSR	7.42Y	123.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	2.415	0.020	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

Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.56121	PL.56119	C	#1/0 ACSR	7.42Y	123.6	0.00	1.37	1.12	0	8	2	97	0.00	0.0	2.444	0.050	0	0	0	3
PL.56122	PL.56121	C	#1/0 ACSR	7.42Y	123.6	0.00	1.37	1.12	0	8	2	97	0.00	0.0	2.479	0.035	0	0	0	3
PL.56123	PL.56122	C	#1/0 ACSR	7.42Y	123.6	0.00	1.37	1.12	0	8	2	97	0.00	0.0	2.513	0.034	8	2	3	3
PL.53152	PL.53151	C	#2 ACSR	7.42Y	123.7	0.00	1.32	1.03	1	7	2	96	0.00	0.0	2.252	0.002	0	0	0	1
PD.7991	PL.53152	C	10QA	7.42Y	123.7	0.00	1.32	1.03	0	7	2	96	0.00	0.0	2.252	0.002	0	0	0	1
PL.56583	PD.7991	C	#2 ACSR	7.42Y	123.7	0.00	1.32	1.03	1	7	2	96	0.00	0.0	2.276	0.023	7	2	1	1
PL.56373	PL.56371	A	#2 ACSR	7.43Y	123.9	0.00	1.14	1.37	1	10	3	96	0.00	0.0	2.011	0.003	0	0	0	1
PD.7989	PL.56373	A	10QA	7.43Y	123.9	0.00	1.14	1.37	0	10	3	96	0.00	0.0	2.011	0.003	0	0	0	1
PL.53147	PD.7989	A	#2 ACSR	7.43Y	123.9	0.00	1.14	1.37	1	10	3	96	0.00	0.0	2.037	0.026	10	3	1	1
PL.56372	PL.56371	ABC	336 MCM AC	7.43Y	123.8	0.01	1.15	21.97	4	474	125	97	0.03	0.0	2.084	0.076	2	1	1	65
PL.53144	PL.56372	ABC	336 MCM AC	7.43Y	123.8	0.01	1.17	21.87	4	471	124	97	0.04	0.0	2.174	0.090	7	2	3	64
PL.56185	PL.53144	ABC	336 MCM AC	7.43Y	123.8	0.01	1.18	20.86	4	450	118	97	0.03	0.0	2.250	0.076	8	2	1	58
PL.56186	PL.56185	ABC	336 MCM AC	7.43Y	123.8	0.01	1.19	20.50	4	442	116	97	0.02	0.0	2.300	0.051	0	0	0	57
PL.56129	PL.56186	C	#2 ACSR	7.43Y	123.8	0.00	1.19	1.41	1	10	3	96	0.00	0.0	2.304	0.004	0	0	0	1
PD.8291	PL.56129	C	40QA	7.43Y	123.8	0.00	1.19	1.41	4	10	3	96	0.00	0.0	2.304	0.004	0	0	0	1
PL.56191	PD.8291	C	#2 ACSR	7.43Y	123.8	0.00	1.19	1.41	1	10	3	96	0.00	0.0	2.376	0.072	10	3	1	1
PL.63622	PL.56186	ABC	336 MCM AC	7.43Y	123.8	0.01	1.20	20.03	4	432	114	97	0.03	0.0	2.383	0.083	1	0	1	56
PL.63623	PL.63622	ABC	336 MCM AC	7.43Y	123.8	0.02	1.22	19.97	4	430	113	97	0.04	0.0	2.511	0.128	0	0	0	55
PL.63625	PL.63623	C	#1/0 ACSR	7.43Y	123.8	0.00	1.22	1.25	1	9	2	98	0.00	0.0	2.516	0.005	0	0	0	2
PD.8235	PL.63625	C	20QA	7.43Y	123.8	0.00	1.22	1.25	6	9	2	98	0.00	0.0	2.516	0.005	0	0	0	2
PL.56274	PD.8235	C	#1/0 ACSR	7.43Y	123.8	0.00	1.22	1.25	1	9	2	98	0.00	0.0	2.572	0.056	9	2	2	2
PL.63624	PL.63623	ABC	336 MCM AC	7.43Y	123.8	0.01	1.23	19.55	4	421	111	97	0.02	0.0	2.571	0.061	0	0	1	53
PL.56366	PL.63624	ABC	336 MCM AC	7.43Y	123.8	0.01	1.23	19.55	4	421	111	97	0.02	0.0	2.620	0.049	0	0	0	52
PL.56367	PL.56366	ABC	336 MCM AC	7.42Y	123.7	0.02	1.25	19.55	4	421	111	97	0.04	0.0	2.753	0.133	8	2	1	52
PL.56548	PL.56367	A	#2 ACSR	7.42Y	123.7	0.00	1.25	0.00	0	0	0	100	0.00	0.0	2.757	0.003	0	0	0	0
PD.8307	PL.56548	A	60QA	7.42Y	123.7	0.00	1.25	0.00	0	0	0	100	0.00	0.0	2.757	0.003	0	0	0	0
PL.56547	PD.8307	A	#2 ACSR	7.42Y	123.7	0.00	1.25	0.00	0	0	0	100	0.00	0.0	2.829	0.072	0	0	0	0
PL.56549	PL.56367	ABC	336 MCM AC	7.42Y	123.7	0.01	1.26	19.17	4	413	109	97	0.03	0.0	2.836	0.083	0	0	0	51
PL.56550	PL.56549	ABC	336 MCM AC	7.42Y	123.7	0.02	1.29	18.37	4	396	104	97	0.05	0.0	3.000	0.164	0	0	0	49
PL.46226	PL.56550	ABC	336 MCM AC	7.42Y	123.7	0.02	1.30	18.37	4	396	104	97	0.04	0.0	3.134	0.134	0	0	0	49
PL.59448	PL.46226	ABC	336 MCM AC	7.42Y	123.7	0.01	1.31	17.91	3	386	101	97	0.02	0.0	3.202	0.068	10	3	1	45

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: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.59449	PL.59448	ABC	336 MCM AC	7.42Y	123.7	0.01	1.32	17.45	3	376	99	97	0.01	0.0	3.258	0.055	0	0	0	44
PL.46312	PL.59449	A	#3/0 ACSR	7.42Y	123.7	0.00	1.32	3.22	1	23	6	97	0.00	0.0	3.259	0.001	0	0	0	4
PD.7212	PL.46312	A	60QA	7.42Y	123.7	0.00	1.32	3.22	5	23	6	97	0.00	0.0	3.259	0.001	0	0	0	4
PL.59706	PD.7212	A	#3/0 ACSR	7.42Y	123.7	0.00	1.32	3.22	1	23	6	97	0.00	0.0	3.315	0.056	23	6	4	4
PL.47105	PL.59449	ABC	336 MCM AC	7.42Y	123.6	0.04	1.36	16.38	3	353	93	97	0.07	0.0	3.584	0.326	0	0	0	40
RG.48	PL.47105	ABC	114.3 KVA	7.47Y	124.4	-0.78	0.58	16.38	11	353	92	97	percent Boost= 0.62		Tap= 1.0					40
PL.47106	RG.48	ABC	336 MCM AC	7.47Y	124.4	0.00	0.58	16.28	3	353	92	97	0.00	0.0	3.585	0.001	0	0	0	40
PL.46759	PL.47106	ABC	336 MCM AC	7.46Y	124.4	0.03	0.61	16.28	3	353	92	97	0.05	0.0	3.815	0.231	0	0	0	40
PD.7305-A	PL.46759	ABC	Closed	7.46Y	124.4	0.00	0.61	16.28	0	353	92	97	0.00	0.0	3.815	0.231	0	0	0	40
PD.7305-B	PD.7305-A	ABC	Closed	7.46Y	124.4	0.00	0.61	16.28	0	353	92	97	0.00	0.0	3.815	0.231	0	0	0	40
PL.46600	PD.7305-B	ABC	336 MCM AC	7.46Y	124.4	0.04	0.65	16.28	3	353	92	97	0.07	0.0	4.151	0.335	0	0	0	40
PL.46601	PL.46600	ABC	336 MCM AC	7.46Y	124.3	0.07	0.72	16.28	3	353	92	97	0.14	0.0	4.781	0.630	0	0	1	40
PL.58482	PL.46601	B	6 A (CWC)	7.46Y	124.3	0.00	0.72	5.23	4	38	10	97	0.00	0.0	4.783	0.002	0	0	0	6
PD.8691	PL.58482	B	50T	7.46Y	124.3	0.00	0.72	5.23	0	38	10	97	0.00	0.0	4.783	0.002	0	0	0	6
PL.58483	PD.8691	B	6 A (CWC)	7.46Y	124.3	0.01	0.73	5.23	4	38	10	97	0.00	0.0	4.814	0.031	0	0	0	6
PL.58480	PL.58483	B	6 A (CWC)	7.46Y	124.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	5.086	0.272	0	0	0	0
PL.56036	PL.58480	B	6 A (CWC)	7.46Y	124.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	5.193	0.108	0	0	0	0
PL.58481	PL.58483	B	#2 ACSR	7.45Y	124.2	0.03	0.76	5.23	3	38	10	97	0.01	0.0	4.975	0.161	1	0	2	6
PL.56024	PL.58481	B	#2 ACSR	7.45Y	124.2	0.01	0.76	5.15	3	37	10	97	0.00	0.0	5.031	0.056	17	4	1	4
PL.56025	PL.56024	B	#2 ACSR	7.45Y	124.2	0.00	0.77	2.82	2	20	5	97	0.00	0.0	5.046	0.015	20	5	3	3
PL.46700	PL.46601	ABC	336 MCM AC	7.46Y	124.3	0.02	0.74	14.54	3	315	82	97	0.03	0.0	4.929	0.148	0	0	0	33
PL.46643	PL.46700	ABC	336 MCM AC	7.45Y	124.2	0.02	0.76	14.54	3	315	82	97	0.03	0.0	5.088	0.159	13	3	1	33
PL.46556	PL.46643	C	#4 ACSR	7.45Y	124.2	0.00	0.76	2.17	2	16	4	97	0.00	0.0	5.090	0.002	0	0	0	1
PD.7242	PL.46556	C	60QA	7.45Y	124.2	0.00	0.76	2.17	4	16	4	97	0.00	0.0	5.090	0.002	0	0	0	1
PL.46557	PD.7242	C	#4 ACSR	7.45Y	124.2	0.00	0.76	2.17	2	16	4	97	0.00	0.0	5.165	0.075	16	4	1	1
PL.46641	PL.46643	ABC	336 MCM AC	7.45Y	124.2	0.01	0.76	13.21	3	286	74	97	0.01	0.0	5.156	0.069	15	4	2	31
PL.46642	PL.46641	ABC	336 MCM AC	7.45Y	124.2	0.00	0.76	12.52	2	271	70	97	0.00	0.0	5.177	0.021	23	6	2	29
PL.46558	PL.46642	ABC	336 MCM AC	7.45Y	124.2	0.00	0.77	11.44	2	248	64	97	0.00	0.0	5.210	0.033	10	3	1	27
PL.46559	PL.46558	ABC	336 MCM AC	7.45Y	124.2	0.00	0.77	10.97	2	238	62	97	0.00	0.0	5.238	0.028	8	2	1	26
PL.46560	PL.46559	ABC	336 MCM AC	7.45Y	124.2	0.00	0.77	10.59	2	229	60	97	0.00	0.0	5.269	0.031	28	7	3	25
PL.46561	PL.46560	B	#2 ACSR	7.45Y	124.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	5.270	0.000	0	0	0	0

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.7243	PL.46561	B	40QA	7.45Y	124.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	5.270	0.000	0	0	0	0
PL.46562	PD.7243	B	#2 ACSR	7.45Y	124.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	5.311	0.042	0	0	0	0
PL.46192	PL.46560	ABC	336 MCM AC	7.45Y	124.2	0.00	0.77	9.31	2	201	52	97	0.00	0.0	5.309	0.039	18	5	2	22
PL.46565	PL.46192	ABC	336 MCM AC	7.45Y	124.2	0.00	0.78	8.09	2	175	46	97	0.00	0.0	5.371	0.063	18	5	4	19
PL.46616	PL.46565	C	#4 ACSR	7.45Y	124.2	0.00	0.78	1.25	1	9	2	98	0.00	0.0	5.372	0.000	0	0	0	1
PD.7005	PL.46616	C	50QA	7.45Y	124.2	0.00	0.78	1.25	2	9	2	98	0.00	0.0	5.372	0.000	0	0	0	1
PL.54746	PD.7005	C	#4 ACSR	7.45Y	124.2	0.00	0.78	1.25	1	9	2	98	0.00	0.0	5.435	0.064	9	2	1	1
PL.46566	PL.46565	ABC	336 MCM AC	7.45Y	124.2	0.00	0.78	5.07	1	110	29	97	0.00	0.0	5.403	0.032	0	0	0	11
PL.59769	PL.46566	ABC	336 MCM AC	7.45Y	124.2	0.00	0.78	4.70	1	102	26	97	0.00	0.0	5.459	0.056	0	0	0	9
PL.59771	PL.59769	C	#4 ACSR	7.45Y	124.2	0.00	0.78	8.56	7	62	16	97	0.00	0.0	5.463	0.003	0	0	0	6
PD.8955	PL.59771	C	25T	7.45Y	124.2	0.00	0.78	8.56	0	62	16	97	0.00	0.0	5.463	0.003	0	0	0	6
PL.59772	PD.8955	C	#4 ACSR	7.45Y	124.2	0.02	0.80	8.56	7	62	16	97	0.01	0.0	5.515	0.052	10	3	1	6
PL.59770	PL.59772	C	#4 ACSR	7.45Y	124.2	0.01	0.81	7.12	5	51	13	97	0.00	0.0	5.552	0.038	20	5	2	5
PL.54188	PL.59770	C	#4 ACSR	7.45Y	124.2	0.00	0.81	4.28	3	31	8	97	0.00	0.0	5.579	0.026	9	2	1	3
PL.54755	PL.54188	C	#4 ACSR	7.45Y	124.2	0.00	0.82	3.03	2	22	6	96	0.00	0.0	5.613	0.035	22	6	2	2
PL.59773	PL.59769	A	#4 ACSR	7.45Y	124.2	0.00	0.78	5.53	4	40	10	97	0.00	0.0	5.463	0.003	0	0	0	3
PD.8956	PL.59773	A	25T	7.45Y	124.2	0.00	0.78	5.53	0	40	10	97	0.00	0.0	5.463	0.003	0	0	0	3
PL.59774	PD.8956	A	#4 ACSR	7.45Y	124.2	0.00	0.79	5.53	4	40	10	97	0.00	0.0	5.502	0.040	40	10	3	3
PL.59768	PL.59769	ABC	336 MCM AC	7.45Y	124.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	5.513	0.054	0	0	0	0
PD.8140-B	PL.59768	ABC	Open	7.45Y	124.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	5.513	0.054	0	0	0	0
PL.44969	PL.46566	ABC	336 MCM AC	7.45Y	124.2	0.00	0.78	0.37	0	8	2	97	0.00	0.0	5.484	0.080	0	0	0	2
PL.46201	PL.44969	A	#4 ACSR	7.45Y	124.2	0.00	0.78	0.57	0	4	1	97	0.00	0.0	5.548	0.065	4	1	1	1
PL.46193	PL.44969	A	#4 ACSR	7.45Y	124.2	0.00	0.78	0.55	0	4	1	97	0.00	0.0	5.484	0.000	0	0	0	1
PD.7277	PL.46193	A	60QA	7.45Y	124.2	0.00	0.78	0.55	1	4	1	97	0.00	0.0	5.484	0.000	0	0	0	1
PL.54756	PD.7277	A	#4 ACSR	7.45Y	124.2	0.00	0.78	0.55	0	4	1	97	0.00	0.0	5.554	0.070	4	1	1	1
PL.46567	PL.46565	A	#4 ACSR	7.45Y	124.2	0.00	0.78	5.29	4	38	10	97	0.00	0.0	5.372	0.000	0	0	0	3
PD.6990	PL.46567	A	50QA	7.45Y	124.2	0.00	0.78	5.29	11	38	10	97	0.00	0.0	5.372	0.000	0	0	0	3
PL.54745	PD.6990	A	#4 ACSR	7.45Y	124.2	0.00	0.78	5.29	4	38	10	97	0.00	0.0	5.397	0.025	38	10	3	3
PL.46563	PL.46192	C	#2 ACSR	7.45Y	124.2	0.00	0.77	1.10	1	8	2	97	0.00	0.0	5.309	0.000	0	0	0	1
PD.7247	PL.46563	C	40QA	7.45Y	124.2	0.00	0.77	1.10	3	8	2	97	0.00	0.0	5.309	0.000	0	0	0	1
PL.46564	PD.7247	C	#2 ACSR	7.45Y	124.2	0.00	0.77	1.10	1	8	2	97	0.00	0.0	5.328	0.019	8	2	1	1

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46701	PL.46700	A	#4 ACSR	7.46Y	124.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	4.932	0.003	0	0	0	0
PD.7250	PL.46701	A	60QA	7.46Y	124.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	4.932	0.003	0	0	0	0
PL.46702	PD.7250	A	#4 ACSR	7.46Y	124.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	5.022	0.090	0	0	0	0
PL.47103	PL.46226	A	#1/0 ACSR	7.42Y	123.7	0.00	1.31	1.39	1	10	3	96	0.00	0.0	3.195	0.061	0	0	0	4
PL.47104	PL.47103	A	#1/0 ACSR	7.42Y	123.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	3.216	0.021	0	0	0	0
PL.56578	PL.47103	A	#1/0 ACSR	7.42Y	123.7	0.00	1.31	1.39	1	10	3	96	0.00	0.0	3.249	0.054	0	0	0	4
PL.56579	PL.56578	A	#1/0 ACSR	7.42Y	123.7	0.00	1.31	1.39	1	10	3	96	0.00	0.0	3.273	0.024	10	3	4	4
PL.56551	PL.56549	A	#1/0 ACSR	7.42Y	123.7	0.00	1.26	2.39	1	17	4	97	0.00	0.0	2.840	0.004	0	0	0	2
PD.8308	PL.56551	A	20QA	7.42Y	123.7	0.00	1.26	2.39	12	17	4	97	0.00	0.0	2.840	0.004	0	0	0	2
PL.56552	PD.8308	A	#1/0 ACSR	7.42Y	123.7	0.00	1.27	2.39	1	17	4	97	0.00	0.0	2.891	0.051	17	4	2	2
PL.56368	PL.56366	C	#1/0 ACSR	7.43Y	123.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.624	0.003	0	0	0	0
PD.8312	PL.56368	C	10QA	7.43Y	123.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.624	0.003	0	0	0	0
PL.56369	PD.8312	C	#1/0 ACSR	7.43Y	123.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.650	0.027	0	0	0	0
PL.56248	PL.63624	C	#1/0 ACSR	7.43Y	123.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.576	0.004	0	0	0	0
PD.8239	PL.56248	C	10QA	7.43Y	123.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.576	0.004	0	0	0	0
PL.56249	PD.8239	C	#1/0 ACSR	7.43Y	123.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.606	0.030	0	0	0	0
PL.47102	PL.53144	C	#2 ACSR	7.43Y	123.8	0.00	1.17	2.13	1	15	4	97	0.00	0.0	2.175	0.001	0	0	0	3
PD.7290	PL.47102	C	60QA	7.43Y	123.8	0.00	1.17	2.13	4	15	4	97	0.00	0.0	2.175	0.001	0	0	0	3
PL.47003	PD.7290	C	#2 ACSR	7.43Y	123.8	0.01	1.18	2.13	1	15	4	97	0.00	0.0	2.364	0.189	7	2	1	3
PL.47004	PL.47003	C	#2 ACSR	7.43Y	123.8	0.00	1.18	1.09	1	8	2	97	0.00	0.0	2.398	0.034	7	2	1	2
PL.47005	PL.47004	C	#2 ACSR	7.43Y	123.8	0.00	1.18	0.05	0	0	0	100	0.00	0.0	2.469	0.070	0	0	1	1
PL.53146	PL.46313	A	#1/0 ACSR	7.44Y	124.0	0.00	1.04	0.93	0	7	2	96	0.00	0.0	1.826	0.020	7	2	1	1
PL.47109	PL.47107	A	#2 ACSR	7.44Y	124.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	1.572	0.001	0	0	0	0
PD.7240	PL.47109	A	75QA	7.44Y	124.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	1.572	0.001	0	0	0	0
PL.47110	PD.7240	A	#2 ACSR	7.44Y	124.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	1.637	0.064	0	0	0	0
PL.46191	PL.47107	A	#4 ACSR	7.44Y	124.1	0.00	0.93	0.88	1	6	2	95	0.00	0.0	1.730	0.158	6	2	1	1
PL.46998	PL.47056	A	6 A (CWC)	7.45Y	124.2	0.00	0.76	3.70	3	27	7	97	0.00	0.0	1.256	0.001	0	0	0	4
PD.7003	PL.46998	A	75QA	7.45Y	124.2	0.00	0.76	3.70	5	27	7	97	0.00	0.0	1.256	0.001	0	0	0	4
PL.46038	PD.7003	A	6 A (CWC)	7.45Y	124.2	0.01	0.77	3.70	3	27	7	97	0.00	0.0	1.293	0.037	4	1	1	4
PL.54867	PL.46038	A	6 A (CWC)	7.45Y	124.2	0.01	0.78	2.74	2	20	5	97	0.00	0.0	1.401	0.108	10	3	1	2
PL.54868	PL.54867	A	6 A (CWC)	7.45Y	124.2	0.01	0.78	1.29	1	9	2	98	0.00	0.0	1.489	0.088	0	0	0	1

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.54869	PL.54868	A	#1/0 ACSR	7.45Y	124.2	0.00	0.79	1.29	1	9	2	98	0.00	0.0	1.600	0.111	0	0	0	1
PL.54870	PL.54869	A	#1/0 ACSR	7.45Y	124.2	0.00	0.79	1.29	1	9	2	98	0.00	0.0	1.633	0.034	9	2	1	1
PL.47023	PL.46038	A	#4 ACSR	7.45Y	124.2	0.00	0.77	0.44	0	3	1	95	0.00	0.0	1.396	0.103	3	1	1	1
PL.46999	PL.47056	C	6 A (CWC)	7.45Y	124.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	1.256	0.002	0	0	0	0
PD.7276	PL.46999	C	75QA	7.45Y	124.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	1.256	0.002	0	0	0	0
PL.46699	PD.7276	C	6 A (CWC)	7.45Y	124.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	1.339	0.083	0	0	0	0
PL.46478	PL.47056	C	#4 ACSR	7.45Y	124.2	0.00	0.76	1.34	1	10	3	96	0.00	0.0	1.310	0.056	10	3	1	1
PL.46568	PL.47055	ABC	336 MCM AC	7.46Y	124.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	1.133	0.014	0	0	0	0
PL.46235	PL.45132	ABC	#1/0 ACSR	7.48Y	124.6	0.01	0.38	27.47	12	596	156	97	0.03	0.0	0.529	0.017	0	0	0	83
PL.46352	PL.46235	ABC	#1/0 ACSR	7.48Y	124.6	0.00	0.38	27.47	12	596	156	97	0.00	0.0	0.529	0.000	0	0	0	83
C PD.7297	PL.46352	ABC	35L	7.48Y	124.6	0.00	0.38	27.47	78	596	156	97	0.00	0.0	0.529	0.000	0	0	0	83 C
PL.46353	PD.7297	ABC	#1/0 ACSR	7.48Y	124.6	0.02	0.41	27.47	12	596	156	97	0.10	0.0	0.578	0.049	0	0	0	83
PL.46354	PL.46353	ABC	#1/0 ACSR	7.47Y	124.6	0.03	0.44	27.47	12	596	156	97	0.13	0.0	0.642	0.064	0	0	0	83
PL.46850	PL.46354	ABC	#1/0 ACSR	7.47Y	124.5	0.03	0.46	27.47	12	596	156	97	0.11	0.0	0.697	0.055	0	0	0	83
PL.46355	PL.46850	ABC	#1/0 ACSR	7.47Y	124.5	0.04	0.50	25.06	11	543	142	97	0.13	0.0	0.776	0.079	0	0	0	79
PL.54444	PL.46355	ABC	#1/0 ACSR	7.47Y	124.5	0.02	0.51	25.06	11	543	142	97	0.06	0.0	0.812	0.036	20	5	4	79
PL.54445	PL.54444	ABC	#1/0 ACSR	7.47Y	124.4	0.04	0.56	24.14	10	523	137	97	0.15	0.0	0.907	0.094	0	0	0	75
PL.47051	PL.54445	C	#2 ACSR	7.47Y	124.4	0.00	0.56	0.86	0	6	2	95	0.00	0.0	0.908	0.001	0	0	0	1
PD.7289	PL.47051	C	40QA	7.47Y	124.4	0.00	0.56	0.86	2	6	2	95	0.00	0.0	0.908	0.001	0	0	0	1
PL.46348	PD.7289	C	#2 ACSR	7.47Y	124.4	0.00	0.56	0.86	0	6	2	95	0.00	0.0	0.945	0.037	6	2	1	1
PL.54913	PL.46348	C	#2 ACSR	7.47Y	124.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	0.978	0.033	0	0	0	0
PL.54676	PL.54445	ABC	#1/0 ACSR	7.47Y	124.4	0.02	0.57	22.62	10	490	128	97	0.05	0.0	0.947	0.040	11	3	1	71
PL.54677	PL.54676	ABC	#1/0 ACSR	7.46Y	124.4	0.02	0.59	22.12	10	479	125	97	0.06	0.0	0.993	0.046	0	0	0	70
PL.54675	PL.54677	ABC	#1/0 ACSR	7.46Y	124.4	0.04	0.63	22.12	10	479	125	97	0.15	0.0	1.105	0.112	0	0	0	70
PL.46829	PL.54675	C	#2 ACSR	7.46Y	124.4	0.00	0.63	1.78	1	13	3	97	0.00	0.0	1.107	0.001	0	0	0	2
PD.7228	PL.46829	C	40QA	7.46Y	124.4	0.00	0.63	1.78	4	13	3	97	0.00	0.0	1.107	0.001	0	0	0	2
PL.54916	PD.7228	C	#2 ACSR	7.46Y	124.4	0.00	0.64	1.78	1	13	3	97	0.00	0.0	1.144	0.037	13	3	2	2
PL.54674	PL.54916	C	#2 ACSR	7.46Y	124.4	0.00	0.64	0.00	0	0	0	100	0.00	0.0	1.201	0.058	0	0	0	0
PL.54905	PL.54675	ABC	#1/0 ACSR	7.46Y	124.4	0.01	0.65	21.07	9	456	119	97	0.04	0.0	1.136	0.031	2	1	1	66
PL.54906	PL.54905	ABC	#1/0 ACSR	7.46Y	124.3	0.01	0.66	20.97	9	454	118	97	0.03	0.0	1.165	0.029	10	3	1	65
PL.54907	PL.54906	ABC	#1/0 ACSR	7.46Y	124.3	0.01	0.67	20.50	9	444	116	97	0.03	0.0	1.190	0.025	14	4	1	64

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.54908	PL.54907	ABC	#1/0 ACSR	7.46Y	124.3	0.02	0.68	19.84	9	430	112	97	0.06	0.0	1.244	0.054	0	0	0	63
PL.54909	PL.54908	A	#1/0 ACSR	7.46Y	124.3	0.00	0.69	2.38	1	17	4	97	0.00	0.0	1.247	0.003	0	0	0	2
PD.9337	PL.54909	A	25T	7.46Y	124.3	0.00	0.69	2.38	0	17	4	97	0.00	0.0	1.247	0.003	0	0	0	2
PL.54910	PD.9337	A	#1/0 ACSR	7.46Y	124.3	0.00	0.69	2.38	1	17	4	97	0.00	0.0	1.255	0.009	17	4	2	2
PL.60594	PL.54908	ABC	#1/0 ACSR	7.46Y	124.3	0.02	0.70	19.05	8	412	107	97	0.04	0.0	1.292	0.048	18	5	2	61
PL.60595	PL.60594	ABC	#1/0 ACSR	7.46Y	124.3	0.01	0.72	18.23	8	395	103	97	0.04	0.0	1.336	0.044	0	0	0	59
PL.54904	PL.60595	ABC	#1/0 ACSR	7.46Y	124.3	0.00	0.72	7.07	3	153	40	97	0.00	0.0	1.369	0.033	21	5	3	21
PL.54845	PL.54904	A	#1/0 ACSR	7.46Y	124.3	0.00	0.72	2.36	1	17	4	97	0.00	0.0	1.370	0.001	0	0	0	4
PD.7230	PL.54845	A	40QA	7.46Y	124.3	0.00	0.72	2.36	6	17	4	97	0.00	0.0	1.370	0.001	0	0	0	4
PL.47053	PD.7230	A	#1/0 ACSR	7.46Y	124.3	0.00	0.72	2.36	1	17	4	97	0.00	0.0	1.406	0.036	8	2	3	4
PL.54902	PL.47053	A	#1/0 ACSR	7.46Y	124.3	0.00	0.72	1.30	1	9	2	98	0.00	0.0	1.459	0.053	9	2	1	1
PL.54844	PL.54904	ABC	#1/0 ACSR	7.46Y	124.3	0.01	0.72	5.31	2	115	30	97	0.00	0.0	1.427	0.058	0	0	0	14
PL.58548	PL.54844	B	#2 ACSR	7.46Y	124.3	0.00	0.73	14.28	8	103	27	97	0.00	0.0	1.429	0.002	0	0	0	12
PD.8616	PL.58548	B	20T	7.46Y	124.3	0.00	0.73	14.28	0	103	27	97	0.00	0.0	1.429	0.002	0	0	0	12
PL.58549	PD.8616	B	#2 ACSR	7.46Y	124.3	0.01	0.73	14.28	8	103	27	97	0.01	0.0	1.447	0.019	17	4	3	12
PL.54865	PL.58549	B	#2 ACSR	7.45Y	124.2	0.02	0.75	11.98	7	86	22	97	0.01	0.0	1.505	0.058	0	0	0	9
PL.54433	PL.54865	B	#4 ACSR	7.45Y	124.2	0.01	0.77	8.39	6	61	16	97	0.00	0.0	1.537	0.031	10	3	1	6
PL.54434	PL.54433	B	#4 ACSR	7.45Y	124.2	0.01	0.77	5.25	4	38	10	97	0.00	0.0	1.575	0.039	0	0	0	4
PL.54876	PL.54434	B	#4 ACSR	7.45Y	124.2	0.00	0.78	5.25	4	38	10	97	0.00	0.0	1.610	0.035	38	10	4	4
PL.54436	PL.54433	B	#4 ACSR	7.45Y	124.2	0.00	0.77	1.80	1	13	3	97	0.00	0.0	1.558	0.022	13	3	1	1
PL.54435	PL.54436	B	#4 ACSR	7.45Y	124.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	1.560	0.001	0	0	0	0
PL.46434	PL.54865	B	#2 ACSR	7.45Y	124.2	0.00	0.76	3.59	2	26	7	97	0.00	0.0	1.531	0.026	26	7	3	3
PL.54432	PL.58549	B	#1/0 ACSR	7.46Y	124.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	1.488	0.041	0	0	0	0
PL.64770	PL.54844	ABC	#1/0 ACSR	7.46Y	124.3	0.00	0.72	0.55	0	12	3	97	0.00	0.0	1.465	0.038	0	0	0	2
PL.64777	PL.64770	ABC	#1/0 ACSR	7.46Y	124.3	0.00	0.73	0.55	0	12	3	97	0.00	0.0	1.475	0.010	0	0	0	2
PL.64778	PL.64777	C	#1/0 ACSR	7.46Y	124.3	0.00	0.73	1.65	1	12	3	97	0.00	0.0	1.477	0.002	0	0	0	2
PD.9558	PL.64778	C	15T	7.46Y	124.3	0.00	0.73	1.65	0	12	3	97	0.00	0.0	1.477	0.002	0	0	0	2
PL.64779	PD.9558	C	#1/0 ACSR	7.46Y	124.3	0.00	0.73	1.65	1	12	3	97	0.00	0.0	1.498	0.021	0	0	0	2
PL.72975	PL.64779	C	#1/0 ACSR	7.46Y	124.3	0.00	0.73	1.65	1	12	3	97	0.00	0.0	1.556	0.058	0	0	1	2
PL.72976	PL.72975	C	#1/0 ACSR	7.46Y	124.3	0.00	0.73	1.65	1	12	3	97	0.00	0.0	1.556	0.000	12	3	1	1
PL.57883	PL.60595	ABC	#1/0 ACSR	7.46Y	124.3	0.01	0.73	11.16	5	242	63	97	0.02	0.0	1.390	0.054	0	0	0	38

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.58376	PL.57883	A	#1/0 ACSR	7.46Y	124.3	0.00	0.73	1.45	1	10	3	96	0.00	0.0	1.408	0.018	10	3	1	1
PL.57884	PL.57883	A	#1/0 ACSR	7.46Y	124.3	0.00	0.73	1.38	1	10	3	96	0.00	0.0	1.406	0.016	10	3	1	1
PL.59787	PL.57883	ABC	#1/0 ACSR	7.46Y	124.3	0.01	0.73	10.22	4	221	58	97	0.01	0.0	1.426	0.037	0	0	0	36
PL.59775	PL.59787	B	#1/0 ACSR	7.46Y	124.3	0.00	0.73	1.38	1	10	3	96	0.00	0.0	1.430	0.004	0	0	0	1
PD.8957	PL.59775	B	15T	7.46Y	124.3	0.00	0.73	1.38	0	10	3	96	0.00	0.0	1.430	0.004	0	0	0	1
PL.59776	PD.8957	B	#1/0 ACSR	7.46Y	124.3	0.00	0.73	1.38	1	10	3	96	0.00	0.0	1.443	0.013	10	3	1	1
PL.59788	PL.59787	ABC	#1/0 ACSR	7.46Y	124.3	0.01	0.74	9.76	4	211	55	97	0.01	0.0	1.479	0.053	5	1	2	35
PL.54903	PL.59788	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.77	9.55	4	207	54	97	0.03	0.0	1.630	0.151	14	4	1	33
PL.46833	PL.54903	B	#4 ACSR	7.45Y	124.2	0.00	0.77	0.01	0	0	0	100	0.00	0.0	1.630	0.001	0	0	0	1
PD.7231	PL.46833	B	40QA	7.45Y	124.2	0.00	0.77	0.01	0	0	0	100	0.00	0.0	1.630	0.001	0	0	0	1
PL.46834	PD.7231	B	#4 ACSR	7.45Y	124.2	0.00	0.77	0.01	0	0	0	100	0.00	0.0	1.683	0.052	0	0	0	1
PL.46832	PL.46834	B	#4 ACSR	7.45Y	124.2	0.00	0.77	0.01	0	0	0	100	0.00	0.0	1.716	0.034	0	0	1	1
PL.46835	PL.54903	ABC	#1/0 ACSR	7.45Y	124.2	0.00	0.77	8.89	4	192	50	97	0.01	0.0	1.660	0.031	2	1	1	31
PL.46836	PL.54835	ABC	#1/0 ACSR	7.45Y	124.2	0.01	0.78	7.52	3	163	42	97	0.01	0.0	1.710	0.050	14	4	2	23
PL.46838	PL.46836	C	#4 ACSR	7.45Y	124.2	0.00	0.78	11.07	9	80	21	97	0.00	0.0	1.711	0.001	0	0	0	12
PD.7249	PL.46838	C	40QA	7.45Y	124.2	0.00	0.78	11.07	28	80	21	97	0.00	0.0	1.711	0.001	0	0	0	12
PL.54833	PD.7249	C	#4 ACSR	7.45Y	124.2	0.01	0.79	11.07	9	80	21	97	0.01	0.0	1.740	0.029	10	3	2	12
PL.54834	PL.54833	C	#4 ACSR	7.45Y	124.2	0.02	0.81	9.73	7	70	18	97	0.01	0.0	1.785	0.044	7	2	1	10
PL.54832	PL.54834	C	#4 ACSR	7.45Y	124.2	0.01	0.82	8.81	7	64	17	97	0.00	0.0	1.813	0.028	12	3	2	9
PL.54682	PL.54832	C	#4 ACSR	7.45Y	124.2	0.01	0.83	7.22	6	52	14	97	0.00	0.0	1.841	0.028	46	12	6	7
PL.54683	PL.54682	C	#4 ACSR	7.45Y	124.2	0.00	0.83	0.89	1	6	2	95	0.00	0.0	1.899	0.058	6	2	1	1
PL.54853	PL.54683	C	#4 ACSR	7.45Y	124.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	1.926	0.027	0	0	0	0
PL.46202	PL.46836	B	#4 ACSR	7.45Y	124.2	0.00	0.78	9.54	7	69	18	97	0.00	0.0	1.711	0.001	0	0	0	9
PD.7233	PL.46202	B	40QA	7.45Y	124.2	0.00	0.78	9.54	24	69	18	97	0.00	0.0	1.711	0.001	0	0	0	9
PL.72973	PD.7233	B	#4 ACSR	7.45Y	124.2	0.03	0.80	9.54	7	69	18	97	0.01	0.0	1.771	0.060	0	0	0	9
PL.72974	PL.72973	B	#4 ACSR	7.45Y	124.2	0.01	0.81	9.54	7	69	18	97	0.00	0.0	1.791	0.020	12	3	1	9
PL.46624	PL.72974	B	#4 ACSR	7.45Y	124.2	0.01	0.82	7.90	6	57	15	97	0.00	0.0	1.828	0.037	26	7	3	8
PL.46224	PL.46624	B	#4 ACSR	7.45Y	124.2	0.01	0.83	4.32	3	31	8	97	0.00	0.0	1.868	0.040	18	5	2	5
PL.46225	PL.46224	B	#4 ACSR	7.45Y	124.2	0.00	0.83	1.81	1	13	3	97	0.00	0.0	1.897	0.029	13	3	3	3
PL.46837	PL.46835	C	#4 ACSR	7.45Y	124.2	0.00	0.77	3.79	3	27	7	97	0.00	0.0	1.661	0.001	0	0	0	7
PD.7232	PL.46837	C	40QA	7.45Y	124.2	0.00	0.77	3.79	9	27	7	97	0.00	0.0	1.661	0.001	0	0	0	7

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.54875	PD.7232	C	#4 ACSR	7.45Y	124.2	0.00	0.78	3.79	3	27	7	97	0.00	0.0	1.691	0.030	6	2	1	7
PL.54900	PL.54875	C	#4 ACSR	7.45Y	124.2	0.00	0.78	2.95	2	21	6	96	0.00	0.0	1.737	0.046	11	3	4	6
PL.54899	PL.54900	C	#4 ACSR	7.45Y	124.2	0.00	0.78	1.43	1	10	3	96	0.00	0.0	1.774	0.037	10	3	2	2
PL.54864	PL.54899	C	#4 ACSR	7.45Y	124.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	1.820	0.046	0	0	0	0
PL.46830	PL.54675	A	#2 ACSR	7.46Y	124.4	0.00	0.63	1.36	1	10	3	96	0.00	0.0	1.107	0.001	0	0	0	2
PD.7229	PL.46830	A	40QA	7.46Y	124.4	0.00	0.63	1.36	3	10	3	96	0.00	0.0	1.107	0.001	0	0	0	2
PL.46831	PD.7229	A	#2 ACSR	7.46Y	124.4	0.00	0.64	1.36	1	10	3	96	0.00	0.0	1.138	0.031	10	3	2	2
PL.47052	PL.54445	C	#2 ACSR	7.47Y	124.4	0.00	0.56	3.71	2	27	7	97	0.00	0.0	0.908	0.001	0	0	0	3
PD.7002	PL.47052	C	25T	7.47Y	124.4	0.00	0.56	3.71	0	27	7	97	0.00	0.0	0.908	0.001	0	0	0	3
PL.54912	PD.7002	C	#2 ACSR	7.47Y	124.4	0.00	0.56	3.71	2	27	7	97	0.00	0.0	0.947	0.040	5	1	1	3
PL.54911	PL.54912	C	#2 ACSR	7.47Y	124.4	0.00	0.56	3.00	2	22	6	96	0.00	0.0	1.002	0.054	22	6	2	2
PL.46851	PL.46850	C	#2 ACSR	7.47Y	124.5	0.00	0.46	7.24	4	52	14	97	0.00	0.0	0.697	0.000	0	0	0	4
PD.7227	PL.46851	C	40QA	7.47Y	124.5	0.00	0.46	7.24	18	52	14	97	0.00	0.0	0.697	0.000	0	0	0	4
PL.54446	PD.7227	C	#2 ACSR	7.47Y	124.5	0.00	0.47	7.24	4	52	14	97	0.00	0.0	0.717	0.020	52	14	4	4
PL.46349	PL.45131	A	#2 ACSR	7.49Y	124.8	0.00	0.15	0.57	0	4	1	97	0.00	0.0	0.209	0.001	0	0	0	1
PD.7275	PL.46349	A	50QA	7.49Y	124.8	0.00	0.15	0.57	1	4	1	97	0.00	0.0	0.209	0.001	0	0	0	1
PL.46350	PD.7275	A	#2 ACSR	7.49Y	124.8	0.00	0.15	0.57	0	4	1	97	0.00	0.0	0.314	0.105	4	1	1	1
PL.52868	Campground	ABC	336 MCM AC	7.50Y	125.0	0.01	0.01	337.59	65	7130	2620	94	0.20	0.0	0.002	0.002	0	0	0	883
PL.52872	PL.52868	ABC	336 MCM AC	7.50Y	125.0	0.01	0.01	337.59	65	7129	2620	94	0.20	0.0	0.004	0.002	0	0	0	883
----- Feeder No. 4 (TomCat Trail F4) Beginning with Device PD.7979 -----																				
PD.7979	PL.52872	ABC	480VWE	7.50Y	125.0	0.00	0.01	337.59	0	7129	2619	94	0.00	0.0	0.004	0.002	0	0	0	883
PL.59326	PD.7979	ABC	336 MCM AC	7.50Y	125.0	0.01	0.02	337.59	65	7129	2619	94	0.38	0.0	0.008	0.004	2	1	1	883
PL.59327	PL.59326	ABC	#2 ACSR	7.50Y	125.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	0.009	0.001	0	0	0	0
PL.59325	PL.59326	ABC	336 MCM AC	7.48Y	124.7	0.23	0.25	337.50	65	7127	2618	94	8.04	0.1	0.092	0.084	27	7	9	882
PL.46727	PL.59325	ABC	336 MCM AC	7.48Y	124.6	0.12	0.37	336.28	65	7092	2592	94	4.05	0.1	0.135	0.043	0	0	0	873
PL.46996	PL.46727	ABC	336 MCM AC	7.46Y	124.3	0.35	0.72	331.04	64	6978	2541	94	12.03	0.2	0.265	0.130	9	2	1	867
PL.54456	PL.46996	ABC	336 MCM AC	7.45Y	124.1	0.17	0.89	330.64	64	6957	2510	94	5.82	0.1	0.328	0.063	11	3	1	866
PL.56177	PL.54456	ABC	336 MCM AC	7.43Y	123.8	0.27	1.16	321.67	62	6757	2447	94	9.04	0.1	0.432	0.104	0	0	0	834
PL.56762	PL.56177	ABC	336 MCM AC	7.42Y	123.7	0.10	1.26	319.47	62	6700	2413	94	3.38	0.1	0.471	0.039	19	5	2	829

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.56763	PL.56762	ABC	336 MCM AC	7.41Y	123.5	0.26	1.53	318.61	61	6678	2401	94	8.76	0.1	0.574	0.102	0	0	0	827
PL.56179	PL.56763	ABC	#1/0 ACSR	7.41Y	123.5	0.01	1.54	12.39	5	269	59	98	0.02	0.0	0.628	0.054	0	0	0	48
PL.54463	PL.56179	ABC	1/0 AL URD	7.41Y	123.5	0.00	1.54	12.39	7	269	59	98	0.00	0.0	0.630	0.002	0	0	0	48
PD.8157	PL.54463	ABC	30T	7.41Y	123.5	0.00	1.54	12.39	0	269	59	98	0.00	0.0	0.630	0.002	0	0	0	48
PL.54464	PD.8157	ABC	1/0 AL URD	7.41Y	123.5	0.00	1.54	12.39	7	269	59	98	0.00	0.0	0.635	0.005	0	0	0	48
PL.54770	PL.54464	A	1/0 AL URD	7.41Y	123.4	0.03	1.56	8.32	5	60	14	97	0.01	0.0	0.736	0.101	5	1	1	11
PL.54771	PL.54770	A	1/0 AL URD	7.41Y	123.4	0.01	1.57	7.62	4	55	13	97	0.00	0.0	0.763	0.026	3	1	1	10
PL.54772	PL.54771	A	1/0 AL URD	7.41Y	123.4	0.01	1.58	7.15	4	52	12	97	0.00	0.0	0.788	0.025	10	3	1	9
PL.54773	PL.54772	A	1/0 AL URD	7.41Y	123.4	0.01	1.58	5.77	3	42	10	97	0.00	0.0	0.829	0.042	12	3	2	8
PL.54774	PL.54773	A	1/0 AL URD	7.40Y	123.4	0.01	1.59	4.16	2	30	7	97	0.00	0.0	0.906	0.077	6	2	1	6
PL.54775	PL.54774	A	1/0 AL URD	7.40Y	123.4	0.01	1.60	3.29	2	24	5	98	0.00	0.0	0.976	0.070	8	2	1	5
PL.54776	PL.54775	A	1/0 AL URD	7.40Y	123.4	0.00	1.60	2.16	1	16	4	97	0.00	0.0	1.010	0.034	4	1	1	4
PL.54777	PL.54776	A	1/0 AL URD	7.40Y	123.4	0.00	1.60	1.58	1	11	3	96	0.00	0.0	1.052	0.043	8	2	2	3
PL.54778	PL.54777	A	1/0 AL URD	7.40Y	123.4	0.00	1.60	0.51	0	4	1	97	0.00	0.0	1.099	0.047	4	1	1	1
P PL.54779	PL.54778	A	1/0 AL URD	7.40Y	123.4	0.00	1.60	-0.01	0	0	0	100	0.00	0.0	1.116	0.017	0	0	0	0 P
PL.54465	PL.54464	ABC	1/0 AL URD	7.41Y	123.4	0.02	1.55	6.15	4	134	28	98	0.02	0.0	0.761	0.126	0	0	0	25
PL.54933	PL.54465	ABC	1/0 AL URD	7.41Y	123.4	0.01	1.57	6.16	4	134	30	98	0.02	0.0	0.880	0.119	0	0	0	25
PL.54935	PL.54933	C	1/0 AL URD	7.40Y	123.4	0.01	1.58	11.13	7	80	19	97	0.01	0.0	0.922	0.043	7	2	1	13
PL.54929	PL.54935	C	1/0 AL URD	7.40Y	123.4	0.01	1.60	10.14	6	73	17	97	0.01	0.0	0.964	0.041	4	1	1	12
PL.54928	PL.54929	C	1/0 AL URD	7.40Y	123.4	0.01	1.60	9.61	6	69	17	97	0.00	0.0	0.987	0.023	10	3	3	11
PL.54927	PL.54928	C	1/0 AL URD	7.40Y	123.4	0.02	1.62	8.20	5	59	14	97	0.01	0.0	1.048	0.061	0	0	0	8
PL.54926	PL.54927	C	1/0 AL URD	7.40Y	123.4	0.01	1.63	8.21	5	59	14	97	0.00	0.0	1.094	0.046	14	4	2	8
PL.54925	PL.54926	C	1/0 AL URD	7.40Y	123.4	0.01	1.64	6.27	4	45	11	97	0.00	0.0	1.138	0.045	16	4	2	6
PL.54924	PL.54925	C	1/0 AL URD	7.40Y	123.4	0.00	1.64	4.10	2	30	7	97	0.00	0.0	1.183	0.044	20	5	2	4
PL.54923	PL.54924	C	1/0 AL URD	7.40Y	123.4	0.00	1.64	1.32	1	10	2	98	0.00	0.0	1.220	0.038	0	0	0	2
PL.54782	PL.54923	C	1/0 AL URD	7.40Y	123.4	0.00	1.64	1.33	1	10	2	98	0.00	0.0	1.266	0.046	10	2	2	2
P PL.54781	PL.54782	C	1/0 AL URD	7.40Y	123.4	0.00	1.64	-0.02	0	0	0	100	0.00	0.0	1.298	0.032	0	0	0	0 P
PL.54942	PL.54933	B	1/0 AL URD	7.41Y	123.4	0.00	1.57	4.55	3	33	8	97	0.00	0.0	0.891	0.011	0	0	0	5
PL.54943	PL.54942	B	1/0 AL URD	7.41Y	123.4	0.01	1.58	4.56	3	33	8	97	0.00	0.0	0.971	0.080	3	1	1	5
PL.54941	PL.54943	B	1/0 AL URD	7.40Y	123.4	0.00	1.59	4.15	2	30	7	97	0.00	0.0	1.015	0.045	16	4	2	4
PL.54940	PL.54941	B	1/0 AL URD	7.40Y	123.4	0.00	1.59	1.96	1	14	3	98	0.00	0.0	1.069	0.054	14	4	2	2

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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	Length (mi)	-----Element-----		Cons On	Cons Thru		
P	PL.54939		PL.54940	B	1/0 AL URD	7.40Y 123.4	-0.00	1.59	-0.03	0	0	0	100	0.00	0.0	1.130	0.061	0	0	0	0	P
P	PL.54934		PL.54933	A	1/0 AL URD	7.41Y 123.4	0.00	1.57	-0.00	0	0	0	100	0.00	0.0	0.886	0.006	0	0	0	0	P
	PL.54936		PL.54933	B	1/0 AL URD	7.41Y 123.4	0.00	1.57	2.85	2	21	4	98	0.00	0.0	0.930	0.050	0	0	0	0	7
	PL.54930		PL.54936	B	1/0 AL URD	7.41Y 123.4	0.00	1.58	2.85	2	21	5	97	0.00	0.0	0.948	0.018	11	3	2	7	
	PL.54931		PL.54930	B	1/0 AL URD	7.41Y 123.4	0.00	1.58	1.36	1	10	2	98	0.00	0.0	1.015	0.067	0	0	0	0	5
	PL.54932		PL.54931	B	1/0 AL URD	7.41Y 123.4	0.00	1.58	1.37	1	10	2	98	0.00	0.0	1.079	0.063	4	1	3	5	
	PL.54937		PL.54932	B	1/0 AL URD	7.41Y 123.4	0.00	1.58	0.85	0	6	1	99	0.00	0.0	1.123	0.045	6	2	2	2	
P	PL.54938		PL.54937	B	1/0 AL URD	7.41Y 123.4	0.00	1.58	-0.00	0	0	0	100	0.00	0.0	1.128	0.005	0	0	0	0	P
	PL.54917		PL.54464	C	1/0 AL URD	7.41Y 123.4	0.04	1.57	10.40	6	75	17	98	0.02	0.0	0.758	0.123	17	4	1	12	
	PL.54919		PL.54917	C	1/0 AL URD	7.41Y 123.4	0.01	1.58	8.02	5	58	13	98	0.00	0.0	0.791	0.033	10	3	1	11	
	PL.54920		PL.54919	C	1/0 AL URD	7.40Y 123.4	0.01	1.59	6.64	4	48	11	97	0.00	0.0	0.829	0.038	12	3	2	10	
	PL.54921		PL.54920	C	1/0 AL URD	7.40Y 123.4	0.01	1.60	5.00	3	36	8	98	0.00	0.0	0.921	0.093	4	1	1	8	
	PL.54922		PL.54921	C	1/0 AL URD	7.40Y 123.4	0.00	1.61	4.44	3	32	7	98	0.00	0.0	0.945	0.024	0	0	0	0	7
	PL.54765		PL.54922	C	1/0 AL URD	7.40Y 123.4	0.01	1.61	4.44	3	32	7	98	0.00	0.0	1.013	0.067	9	2	2	7	
	PL.54766		PL.54765	C	1/0 AL URD	7.40Y 123.4	0.00	1.62	3.18	2	23	5	98	0.00	0.0	1.071	0.059	8	2	2	5	
	PL.54767		PL.54766	C	1/0 AL URD	7.40Y 123.4	0.00	1.62	2.05	1	15	3	98	0.00	0.0	1.127	0.056	10	3	2	3	
	PL.54768		PL.54767	C	1/0 AL URD	7.40Y 123.4	0.00	1.62	0.65	0	5	1	98	0.00	0.0	1.151	0.024	0	0	0	0	1
	PL.54769		PL.54768	C	1/0 AL URD	7.40Y 123.4	0.00	1.62	0.66	0	5	1	98	0.00	0.0	1.214	0.063	5	1	1	1	
P	PL.54780		PL.54769	C	1/0 AL URD	7.40Y 123.4	0.00	1.62	-0.00	0	0	0	100	0.00	0.0	1.221	0.007	0	0	0	0	P
	PL.56180		PL.56763	ABC	336 MCM AC	7.40Y 123.3	0.14	1.67	306.33	59	6400	2321	94	4.43	0.1	0.630	0.056	0	0	0	0	779
	PL.54422		PL.56180	ABC	336 MCM AC	7.38Y 123.0	0.36	2.03	306.33	59	6396	2311	94	11.61	0.2	0.777	0.147	0	0	0	0	779
	PL.54424		PL.54422	C	#2 ACSR	7.38Y 123.0	0.00	2.03	1.45	1	10	3	96	0.00	0.0	0.779	0.002	0	0	0	0	2
	PD.7199		PL.54424	C	40T	7.38Y 123.0	0.00	2.03	1.45	0	10	3	96	0.00	0.0	0.779	0.002	0	0	0	0	2
	PL.54709		PD.7199	C	#2 ACSR	7.38Y 123.0	0.00	2.03	1.45	1	10	3	96	0.00	0.0	0.816	0.037	10	3	2	2	
	PL.54423		PL.54422	C	#4 ACSR	7.38Y 123.0	0.00	2.03	0.06	0	0	0	100	0.00	0.0	0.783	0.006	0	0	0	0	1
	PD.7200		PL.54423	C	40T	7.38Y 123.0	0.00	2.03	0.06	0	0	0	100	0.00	0.0	0.783	0.006	0	0	0	0	1
	PL.46361		PD.7200	C	#4 ACSR	7.38Y 123.0	0.00	2.03	0.06	0	0	0	100	0.00	0.0	0.861	0.079	0	0	0	1	1
	PL.54425		PL.54422	ABC	336 MCM AC	7.37Y 122.9	0.08	2.11	305.83	59	6373	2281	94	2.52	0.0	0.809	0.032	0	0	2	776	
	PL.54426		PL.54425	ABC	336 MCM AC	7.35Y 122.5	0.38	2.49	305.81	59	6371	2275	94	12.27	0.2	0.965	0.156	10	3	2	774	
	PL.54421		PL.54426	ABC	336 MCM AC	7.34Y 122.4	0.11	2.60	305.34	59	6348	2244	94	3.41	0.1	1.008	0.043	0	0	0	0	772
	PL.46363		PL.54421	ABC	336 MCM AC	7.34Y 122.3	0.14	2.74	305.34	59	6345	2236	94	4.43	0.1	1.065	0.056	0	0	0	0	772

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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	Length (mi)	-----Element-----		Cons On	Cons Thru	
PL.45101	PL.46363	C	#2 ACSR	7.34Y	122.3	0.00	2.74	0.01	0	0	0	100	0.00	0.0	1.067	0.002	0	0	0	1	
PD.7201	PL.45101	C	75QA	7.34Y	122.3	0.00	2.74	0.01	0	0	0	100	0.00	0.0	1.067	0.002	0	0	0	1	
PL.45102	PD.7201	C	#2 ACSR	7.34Y	122.3	0.00	2.74	0.01	0	0	0	100	0.00	0.0	1.084	0.017	0	0	1	1	
PL.58003	PL.46363	C	#4 ACSR	7.34Y	122.3	0.00	2.74	2.70	2	19	5	97	0.00	0.0	1.067	0.002	0	0	0	2	
PD.8404	PL.58003	C	40T	7.34Y	122.3	0.00	2.74	2.70	0	19	5	97	0.00	0.0	1.067	0.002	0	0	0	2	
PL.58004	PD.8404	C	#4 ACSR	7.34Y	122.3	0.00	2.74	2.70	2	19	5	97	0.00	0.0	1.125	0.058	19	5	2	2	
PL.46364	PL.46363	ABC	336 MCM AC	7.33Y	122.1	0.17	2.90	304.44	59	6321	2220	94	5.29	0.1	1.132	0.068	0	0	0	769	
PL.45557	PL.46364	ABC	336 MCM AC	7.32Y	122.0	0.12	3.02	303.44	58	6294	2203	94	3.76	0.1	1.181	0.049	17	5	2	765	
PL.45559	PL.45557	ABC	336 MCM AC	7.28Y	121.4	0.58	3.60	302.62	58	6273	2189	94	18.44	0.3	1.420	0.239	0	0	0	763	
PL.46860	PL.45559	ABC	336 MCM AC	7.26Y	121.1	0.34	3.95	302.62	58	6255	2146	95	11.03	0.2	1.563	0.143	0	0	0	763	
PL.57789	PL.46860	ABC	336 MCM AC	7.25Y	120.8	0.25	4.20	302.62	58	6244	2120	95	8.07	0.1	1.668	0.105	0	0	0	763	
PD.8405-A	PL.57789	ABC	Closed	7.25Y	120.8	0.00	4.20	302.62	0	6236	2102	95	0.00	0.0	1.668	0.105	0	0	0	763	
PD.8405-B	PD.8405-A	ABC	Closed	7.25Y	120.8	0.00	4.20	302.62	0	6236	2102	95	0.00	0.0	1.668	0.105	0	0	0	763	
PL.57790	PD.8405-B	ABC	336 MCM AC	7.24Y	120.7	0.06	4.26	302.62	58	6236	2102	95	2.08	0.0	1.695	0.027	0	0	0	763	
PL.54701	PL.57790	ABC	336 MCM AC	7.16Y	119.4	1.35	5.61	298.90	58	6155	2077	95	43.16	0.7	2.268	0.573	0	0	0	755	
PL.46756	PL.54701	ABC	336 MCM AC	7.16Y	119.3	0.11	5.72	298.90	58	6112	1976	95	3.63	0.1	2.316	0.048	0	0	0	755	
PL.46335	PL.46756	C	6 A (CWC)	7.16Y	119.3	0.00	5.72	3.77	3	26	7	97	0.00	0.0	2.317	0.001	0	0	0	3	
PD.7196	PL.46335	C	40T	7.16Y	119.3	0.00	5.72	3.77	0	26	7	97	0.00	0.0	2.317	0.001	0	0	0	3	
PL.46336	PD.7196	C	6 A (CWC)	7.16Y	119.3	0.00	5.73	3.77	3	26	7	97	0.00	0.0	2.357	0.041	26	7	2	3	
PL.47026	PL.46336	C	6 A (CWC)	7.16Y	119.3	0.00	5.73	0.00	0	0	0	100	0.00	0.0	2.394	0.037	0	0	1	1	
PL.47025	PL.46756	ABC	336 MCM AC	7.15Y	119.2	0.10	5.82	297.65	57	6082	1961	95	3.13	0.1	2.358	0.042	0	0	0	752	
PL.46437	PL.47025	ABC	336 MCM AC	7.15Y	119.2	0.02	5.84	297.65	57	6079	1953	95	0.60	0.0	2.366	0.008	0	0	0	752	
C RG.49	PL.46437	ABC	250kva	7.48Y	124.6	-5.45	0.39	297.65	91	6079	1952	95	percent Boost= 4.38 Tap= 7.0							752	C
PL.46438	RG.49	ABC	336 MCM AC	7.48Y	124.6	0.00	0.39	284.63	55	6079	1952	95	0.03	0.0	2.367	0.000	0	0	0	752	
PL.46578	PL.46438	ABC	336 MCM AC	7.47Y	124.5	0.07	0.46	284.63	55	6078	1952	95	2.09	0.0	2.397	0.031	0	0	0	752	
PL.46579	PL.46578	C	#4 ACSR	7.47Y	124.5	0.00	0.46	1.06	1	8	2	97	0.00	0.0	2.398	0.001	0	0	0	1	
PD.7219	PL.46579	C	30T	7.47Y	124.5	0.00	0.46	1.06	0	8	2	97	0.00	0.0	2.398	0.001	0	0	0	1	
PL.46580	PD.7219	C	#4 ACSR	7.47Y	124.5	0.00	0.46	1.06	1	8	2	97	0.00	0.0	2.449	0.051	8	2	1	1	
PL.45932	PL.46578	C	#2 ACSR	7.47Y	124.5	0.00	0.46	1.03	1	7	2	96	0.00	0.0	2.447	0.050	7	2	1	1	
PL.46581	PL.46578	A	6 A (CWC)	7.47Y	124.5	0.00	0.46	6.76	5	49	13	97	0.00	0.0	2.398	0.001	0	0	0	5	
PD.7257	PL.46581	A	30T	7.47Y	124.5	0.00	0.46	6.76	0	49	13	97	0.00	0.0	2.398	0.001	0	0	0	5	

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46785	PD.7257	A	6 A (CWC)	7.47Y	124.5	0.02	0.47	6.76	5	49	13	97	0.01	0.0	2.483	0.085	28	7	3	5
PL.46786	PL.46785	A	6 A (CWC)	7.47Y	124.5	0.00	0.48	2.93	2	21	6	96	0.00	0.0	2.557	0.075	21	6	2	2
PL.46582	PL.46578	ABC	336 MCM AC	7.46Y	124.3	0.29	0.75	281.68	54	6012	1930	95	8.86	0.1	2.530	0.133	6	2	1	745
PL.46583	PL.46582	ABC	336 MCM AC	7.45Y	124.2	0.08	0.82	281.40	54	5997	1908	95	2.29	0.0	2.564	0.034	12	3	1	744
PL.46584	PL.46583	ABC	336 MCM AC	7.45Y	124.1	0.07	0.89	280.86	54	5983	1900	95	2.10	0.0	2.596	0.032	31	8	5	743
PL.46585	PL.46584	ABC	336 MCM AC	7.44Y	124.0	0.09	0.98	279.43	54	5950	1887	95	2.76	0.0	2.638	0.042	29	8	4	738
PL.53750	PL.46585	ABC	336 MCM AC	7.44Y	124.0	0.05	1.03	278.09	54	5919	1873	95	1.39	0.0	2.659	0.021	17	4	3	734
PL.57803	PL.53750	C	#2 ACSR	7.44Y	124.0	0.00	1.03	0.01	0	0	0	100	0.00	0.0	2.663	0.004	0	0	0	1
PD.8411	PL.57803	C	30T	7.44Y	124.0	0.00	1.03	0.01	0	0	0	100	0.00	0.0	2.663	0.004	0	0	0	1
PL.58919	PD.8411	C	#2 ACSR	7.44Y	124.0	0.00	1.03	0.01	0	0	0	100	0.00	0.0	2.754	0.091	0	0	0	1
PL.58918	PL.58919	C	#2 ACSR	7.44Y	124.0	0.00	1.03	0.01	0	0	0	100	0.00	0.0	2.790	0.036	0	0	0	1
PL.64776	PL.58918	C	#1/0 ACSR	7.44Y	124.0	0.00	1.03	0.01	0	0	0	100	0.00	0.0	2.874	0.085	0	0	1	1
PL.59785	PL.53750	ABC	336 MCM AC	7.43Y	123.8	0.19	1.22	277.31	53	5900	1865	95	5.79	0.1	2.749	0.089	0	0	0	730
P PL.60273	PL.59785	B	1/0 AL URD	7.43Y	123.8	-0.00	1.22	-0.20	0	0	-2	0	0.00	0.0	3.127	0.379	0	0	0	0
PL.59786	PL.59785	ABC	336 MCM AC	7.42Y	123.7	0.08	1.30	276.86	53	5884	1852	95	2.32	0.0	2.785	0.036	12	3	1	729
PL.53734	PL.59786	ABC	336 MCM AC	7.41Y	123.5	0.19	1.49	276.31	53	5870	1844	95	5.70	0.1	2.873	0.089	14	4	1	728
PL.53662	PL.53734	C	#2 ACSR	7.41Y	123.5	0.00	1.49	3.91	2	28	7	97	0.00	0.0	2.874	0.001	0	0	0	3
PD.7220	PL.53662	C	30T	7.41Y	123.5	0.00	1.49	3.91	0	28	7	97	0.00	0.0	2.874	0.001	0	0	0	3
PL.53659	PD.7220	C	#2 ACSR	7.41Y	123.5	0.01	1.50	3.91	2	28	7	97	0.00	0.0	2.988	0.113	13	3	1	3
PL.53660	PL.53659	C	#2 ACSR	7.41Y	123.5	0.00	1.50	2.16	1	16	4	97	0.00	0.0	3.007	0.020	16	4	2	2
PL.53661	PL.53734	C	#2 ACSR	7.41Y	123.5	0.00	1.49	2.67	2	19	5	97	0.00	0.0	2.874	0.001	0	0	0	2
PD.7221	PL.53661	C	20T	7.41Y	123.5	0.00	1.49	2.67	0	19	5	97	0.00	0.0	2.874	0.001	0	0	0	2
PL.53657	PD.7221	C	#2 ACSR	7.41Y	123.5	0.00	1.49	2.67	2	19	5	97	0.00	0.0	2.920	0.046	17	4	1	2
PL.53658	PL.53657	C	#2 ACSR	7.41Y	123.5	0.00	1.49	0.30	0	2	1	89	0.00	0.0	3.006	0.086	2	1	1	1
PL.53663	PL.53734	ABC	336 MCM AC	7.39Y	123.2	0.27	1.75	273.46	53	5803	1814	95	7.96	0.1	3.000	0.126	0	0	0	722
PL.46824	PL.53663	ABC	336 MCM AC	7.38Y	123.0	0.28	2.04	273.46	53	5795	1796	96	8.46	0.1	3.134	0.134	0	0	0	721
PL.46588	PL.46824	ABC	336 MCM AC	7.37Y	122.9	0.05	2.09	273.46	53	5786	1776	96	1.57	0.0	3.159	0.025	5	1	1	721
PL.46589	PL.46588	ABC	336 MCM AC	7.37Y	122.8	0.15	2.24	273.25	53	5780	1771	96	4.46	0.1	3.230	0.071	0	0	0	720
PL.57804	PL.46589	C	#2 ACSR	7.37Y	122.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	3.232	0.003	0	0	0	0
PD.8412	PL.57804	C	30T	7.37Y	122.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	3.232	0.003	0	0	0	0
PL.57805	PD.8412	C	#2 ACSR	7.37Y	122.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	3.281	0.049	0	0	0	0

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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

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
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PL.46590	PL.46589	ABC	336 MCM AC	7.36Y	122.6	0.15	2.38	273.25	53	5776	1761	96	4.43	0.1	3.300	0.070	0	0	0	720
PL.46591	PL.46590	ABC	336 MCM AC	7.36Y	122.6	0.00	2.38	273.25	53	5771	1750	96	0.01	0.0	3.301	0.000	0	0	0	720
PL.55992	PL.46591	ABC	336 MCM AC	7.34Y	122.4	0.23	2.62	273.25	53	5771	1750	96	7.06	0.1	3.413	0.112	5	1	1	720
PL.55993	PL.55992	ABC	336 MCM AC	7.33Y	122.1	0.27	2.89	273.03	53	5760	1733	96	8.21	0.1	3.544	0.131	0	0	0	719
PL.46390	PL.55993	ABC	336 MCM AC	7.32Y	122.0	0.08	2.97	271.16	52	5712	1703	96	2.30	0.0	3.581	0.037	0	0	0	715
PL.46692	PL.46390	ABC	#1/0 ACSR	7.32Y	122.0	0.06	3.02	59.91	26	1272	338	97	0.50	0.0	3.634	0.053	15	4	4	193
PL.46527	PL.46692	A	#4 ACSR	7.32Y	122.0	0.00	3.02	0.74	1	5	1	98	0.00	0.0	3.634	0.000	0	0	0	1
PD.7187	PL.46527	A	25T	7.32Y	122.0	0.00	3.02	0.74	0	5	1	98	0.00	0.0	3.634	0.000	0	0	0	1
PL.46528	PD.7187	A	#4 ACSR	7.32Y	122.0	0.00	3.02	0.74	1	5	1	98	0.00	0.0	3.698	0.064	5	1	1	1
PL.46693	PL.46692	ABC	#1/0 ACSR	7.32Y	122.0	0.01	3.03	58.96	26	1251	333	97	0.08	0.0	3.643	0.009	0	0	0	188
PL.46694	PL.46693	ABC	#1/0 ACSR	7.32Y	122.0	0.00	3.03	58.96	26	1251	333	97	0.00	0.0	3.643	0.000	0	0	0	188
PD.7304	PL.46694	ABC	140L	7.32Y	122.0	0.00	3.03	58.96	42	1251	333	97	0.00	0.0	3.643	0.000	0	0	0	188
PL.46849	PD.7304	ABC	#1/0 ACSR	7.31Y	121.9	0.08	3.11	58.96	26	1251	333	97	0.66	0.1	3.715	0.072	7	2	1	188
PL.46385	PL.46849	ABC	#1/0 ACSR	7.31Y	121.8	0.07	3.18	58.61	25	1243	330	97	0.60	0.0	3.781	0.067	28	7	2	187
PL.46695	PL.46385	ABC	#1/0 ACSR	7.31Y	121.8	0.03	3.20	57.30	25	1214	322	97	0.23	0.0	3.807	0.026	9	2	1	185
PL.59159	PL.46695	ABC	#1/0 ACSR	7.30Y	121.7	0.08	3.28	56.88	25	1205	320	97	0.65	0.1	3.883	0.076	17	4	3	184
PL.62444	PL.59159	ABC	#1/0 ACSR	7.30Y	121.7	0.04	3.32	55.72	24	1180	313	97	0.31	0.0	3.921	0.038	9	2	1	180
PL.62446	PL.62444	ABC	#1/0 ACSR	7.30Y	121.7	0.00	3.32	55.29	24	1171	310	97	0.00	0.0	3.921	0.000	0	0	0	179
PL.62445	PL.62446	ABC	#1/0 ACSR	7.30Y	121.6	0.06	3.38	53.71	23	1137	301	97	0.50	0.0	3.987	0.065	0	0	0	176
PL.46696	PL.62445	ABC	#1/0 ACSR	7.29Y	121.6	0.05	3.43	52.95	23	1120	297	97	0.41	0.0	4.041	0.054	0	0	0	174
PL.46447	PL.46696	ABC	#1/0 ACSR	7.29Y	121.5	0.07	3.51	52.21	23	1104	293	97	0.56	0.1	4.118	0.077	0	0	0	172
PL.57841	PL.46447	A	#2 ACSR	7.29Y	121.5	0.00	3.51	3.85	2	27	7	97	0.00	0.0	4.122	0.004	0	0	0	3
PD.8385	PL.57841	A	40T	7.29Y	121.5	0.00	3.51	3.85	0	27	7	97	0.00	0.0	4.122	0.004	0	0	0	3
PL.57842	PD.8385	A	#2 ACSR	7.29Y	121.5	0.00	3.51	3.85	2	27	7	97	0.00	0.0	4.160	0.038	27	7	3	3
PL.58019	PL.46447	C	1/0 AL URD	7.29Y	121.5	0.00	3.51	2.02	1	14	4	96	0.00	0.0	4.122	0.005	0	0	0	1
PD.8419	PL.58019	C	25T	7.29Y	121.5	0.00	3.51	2.02	0	14	4	96	0.00	0.0	4.122	0.005	0	0	0	1
PL.58020	PD.8419	C	1/0 AL URD	7.29Y	121.5	0.00	3.51	2.02	1	14	4	96	0.00	0.0	4.158	0.035	14	4	1	1
PL.57839	PL.46447	ABC	#1/0 ACSR	7.29Y	121.4	0.08	3.58	50.26	22	1062	281	97	0.57	0.1	4.202	0.084	0	0	0	168
PL.57840	PL.57839	C	#2 ACSR	7.29Y	121.4	0.00	3.58	4.03	2	28	7	97	0.00	0.0	4.203	0.001	0	0	0	5
PD.7188	PL.57840	C	40T	7.29Y	121.4	0.00	3.58	4.03	0	28	7	97	0.00	0.0	4.203	0.001	0	0	0	5
PL.46976	PD.7188	C	#2 ACSR	7.28Y	121.4	0.01	3.59	4.03	2	28	7	97	0.00	0.0	4.272	0.069	11	3	1	5

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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	Length (mi)	Element KW	KVAR	Cons On	Cons Thru
PL.53640	PL.46976	C	#2 ACSR	7.28Y	121.4	0.01	3.60	2.46	1	17	4	97	0.00	0.0	4.367	0.095	1	0	1	4
PL.57935	PL.53640	C	6 A (CWC)	7.28Y	121.4	0.00	3.60	2.30	2	16	4	97	0.00	0.0	4.413	0.046	0	0	0	3
PL.57934	PL.57935	C	6 A (CWC)	7.28Y	121.4	0.02	3.62	2.31	2	16	4	97	0.00	0.0	4.679	0.266	7	2	1	3
PL.53726	PL.57934	C	6 A (CWC)	7.28Y	121.4	0.01	3.63	1.33	1	9	2	98	0.00	0.0	4.788	0.108	1	0	1	2
PL.46357	PL.53726	C	6 A (CWC)	7.28Y	121.4	0.00	3.63	1.26	1	9	2	98	0.00	0.0	4.832	0.044	9	2	1	1
P PL.57936	PL.57935	C	1/0 AL URD	7.28Y	121.4	0.00	3.60	-0.02	0	0	0	100	0.00	0.0	4.443	0.030	0	0	0	0 P
PL.63584	PL.57839	ABC	#3/0 ACSR	7.28Y	121.4	0.05	3.63	48.91	16	1033	274	97	0.34	0.0	4.290	0.087	29	8	2	163
PL.63585	PL.63584	ABC	#3/0 ACSR	7.28Y	121.3	0.02	3.66	47.52	16	1004	265	97	0.16	0.0	4.331	0.041	0	0	0	161
PD.8420-A	PL.63585	ABC	Closed	7.28Y	121.3	0.00	3.66	47.52	0	1004	265	97	0.00	0.0	4.331	0.041	0	0	0	161
PD.8420-B	PD.8420-A	ABC	Closed	7.28Y	121.3	0.00	3.66	47.52	0	1004	265	97	0.00	0.0	4.331	0.041	0	0	0	161
PL.58021	PD.8420-B	ABC	#3/0 ACSR	7.28Y	121.3	0.05	3.71	47.52	16	1004	265	97	0.31	0.0	4.412	0.082	0	0	0	161
PL.46721	PL.58021	A	6 A (CWC)	7.28Y	121.3	0.00	3.71	0.45	0	3	1	95	0.00	0.0	4.412	0.000	0	0	0	2
PD.7271	PL.46721	A	40T	7.28Y	121.3	0.00	3.71	0.45	0	3	1	95	0.00	0.0	4.412	0.000	0	0	0	2
PL.46722	PD.7271	A	6 A (CWC)	7.28Y	121.3	0.00	3.71	0.45	0	3	1	95	0.00	0.0	4.532	0.119	0	0	0	2
PL.45931	PL.46722	A	6 A (CWC)	7.28Y	121.3	0.00	3.71	0.11	0	1	0	100	0.00	0.0	4.572	0.041	1	0	1	1
PL.46723	PL.46722	A	6 A (CWC)	7.28Y	121.3	0.00	3.71	0.34	0	2	1	89	0.00	0.0	4.607	0.075	2	1	1	1
PL.46047	PL.58021	ABC	#3/0 ACSR	7.28Y	121.3	0.03	3.74	45.27	15	956	252	97	0.20	0.0	4.470	0.058	0	0	0	149
PL.46675	PL.46047	ABC	#3/0 ACSR	7.27Y	121.2	0.05	3.79	45.27	15	956	252	97	0.28	0.0	4.552	0.082	0	0	0	148
PL.46025	PL.46675	C	#4 ACSR	7.27Y	121.2	0.00	3.79	0.54	0	4	1	97	0.00	0.0	4.552	0.000	0	0	0	1
PD.7256	PL.46025	C	40T	7.27Y	121.2	0.00	3.79	0.54	0	4	1	97	0.00	0.0	4.552	0.000	0	0	0	1
PL.46674	PD.7256	C	#4 ACSR	7.27Y	121.2	0.00	3.79	0.54	0	4	1	97	0.00	0.0	4.608	0.056	4	1	1	1
PL.46676	PL.46675	A	#4 ACSR	7.27Y	121.2	0.00	3.79	1.43	1	10	3	96	0.00	0.0	4.552	0.000	0	0	0	1
PD.7215	PL.46676	A	40T	7.27Y	121.2	0.00	3.79	1.43	0	10	3	96	0.00	0.0	4.552	0.000	0	0	0	1
PL.46677	PD.7215	A	#4 ACSR	7.27Y	121.2	0.01	3.79	1.43	1	10	3	96	0.00	0.0	4.732	0.180	10	3	1	1
PL.47114	PL.46675	ABC	#3/0 ACSR	7.27Y	121.2	0.03	3.82	44.61	15	941	248	97	0.20	0.0	4.611	0.059	0	0	0	146
PL.46337	PL.47114	ABC	#3/0 ACSR	7.27Y	121.2	0.02	3.84	44.24	15	933	245	97	0.12	0.0	4.647	0.036	0	0	0	145
PL.46678	PL.46337	ABC	#3/0 ACSR	7.27Y	121.1	0.04	3.88	44.24	15	933	245	97	0.25	0.0	4.723	0.076	0	0	0	145
PL.47117	PL.46678	ABC	#3/0 ACSR	7.26Y	121.1	0.07	3.95	43.91	15	926	243	97	0.40	0.0	4.845	0.122	0	0	0	143
PL.47119	PL.47117	ABC	#3/0 ACSR	7.26Y	121.0	0.03	3.98	42.21	14	890	234	97	0.17	0.0	4.903	0.058	0	0	0	132
PL.53650	PL.47119	ABC	#3/0 ACSR	7.26Y	121.0	0.05	4.03	42.03	14	886	232	97	0.28	0.0	4.999	0.096	4	1	2	131
PL.63576	PL.53650	ABC	#3/0 ACSR	7.26Y	120.9	0.05	4.08	41.73	14	879	230	97	0.30	0.0	5.101	0.102	0	0	0	128

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.63578	PL.63576	C	#1/0 ACSR	7.26Y	120.9	0.00	4.08	1.96	1	14	4	96	0.00	0.0	5.103	0.002	0	0	0	1
PD.9484	PL.63578	C	20T	7.26Y	120.9	0.00	4.08	1.96	0	14	4	96	0.00	0.0	5.103	0.002	0	0	0	1
PL.63579	PD.9484	C	#1/0 ACSR	7.26Y	120.9	0.00	4.08	1.96	1	14	4	96	0.00	0.0	5.152	0.049	14	4	1	1
PL.63577	PL.63576	ABC	#3/0 ACSR	7.25Y	120.9	0.05	4.14	41.08	14	865	226	97	0.30	0.0	5.207	0.105	0	0	0	127
PL.55339	PL.63577	C	6 A (CWC)	7.25Y	120.9	0.00	4.14	0.30	0	2	1	89	0.00	0.0	5.210	0.003	0	0	0	1
PD.8190	PL.55339	C	40T	7.25Y	120.9	0.00	4.14	0.30	0	2	1	89	0.00	0.0	5.210	0.003	0	0	0	1
PL.55340	PD.8190	C	6 A (CWC)	7.25Y	120.9	0.00	4.14	0.30	0	2	1	89	0.00	0.0	5.650	0.440	2	1	1	1
PL.47120	PL.63577	ABC	#3/0 ACSR	7.25Y	120.8	0.06	4.19	40.98	14	863	225	97	0.33	0.0	5.324	0.118	14	4	1	126
PL.55019	PL.47120	ABC	#3/0 ACSR	7.25Y	120.8	0.03	4.22	40.33	13	849	221	97	0.16	0.0	5.383	0.059	0	0	0	125
PL.58023	PL.55019	ABC	#1/0 ACSR	7.24Y	120.7	0.03	4.26	13.58	6	286	74	97	0.06	0.0	5.512	0.130	0	0	0	40
PD.8421	PL.58023	ABC	50L	7.24Y	120.7	0.00	4.26	13.58	27	286	74	97	0.00	0.0	5.512	0.130	0	0	0	40
PL.65303	PD.8421	ABC	#1/0 ACSR	7.24Y	120.7	0.02	4.28	13.58	6	286	74	97	0.04	0.0	5.596	0.084	0	0	0	40
PL.65302	PL.65303	ABC	#1/0 ACSR	7.24Y	120.7	0.01	4.28	13.57	6	285	74	97	0.01	0.0	5.626	0.029	0	0	0	39
PL.55022	PL.65302	ABC	#1/0 ACSR	7.24Y	120.7	0.02	4.30	13.57	6	285	74	97	0.03	0.0	5.699	0.073	13	3	1	39
PL.55020	PL.55022	ABC	#1/0 ACSR	7.24Y	120.7	0.01	4.31	12.46	5	262	68	97	0.01	0.0	5.728	0.029	0	0	0	36
PL.46005	PL.55020	C	#1/0 ACSR	7.24Y	120.7	0.00	4.31	0.94	0	7	2	96	0.00	0.0	5.729	0.001	0	0	0	2
PD.7266	PL.46005	C	30T	7.24Y	120.7	0.00	4.31	0.94	0	7	2	96	0.00	0.0	5.729	0.001	0	0	0	2
PL.55016	PD.7266	C	#1/0 ACSR	7.24Y	120.7	0.00	4.31	0.94	0	7	2	96	0.00	0.0	5.802	0.072	7	2	2	2
PL.55037	PL.55020	ABC	#1/0 ACSR	7.24Y	120.7	0.01	4.31	12.15	5	255	66	97	0.01	0.0	5.758	0.030	0	0	0	34
PL.55036	PL.55037	ABC	#1/0 ACSR	7.24Y	120.7	0.01	4.33	11.76	5	247	64	97	0.02	0.0	5.823	0.065	0	0	0	33
PL.55025	PL.55036	C	#4 ACSR	7.24Y	120.7	0.00	4.33	5.22	4	37	10	97	0.00	0.0	5.828	0.005	0	0	0	5
PD.8161	PL.55025	C	25T	7.24Y	120.7	0.00	4.33	5.22	0	37	10	97	0.00	0.0	5.828	0.005	0	0	0	5
PL.55026	PD.8161	C	#4 ACSR	7.24Y	120.7	0.01	4.34	5.22	4	37	10	97	0.00	0.0	5.886	0.058	8	2	1	5
PL.63553	PL.55026	C	#4 ACSR	7.24Y	120.7	0.01	4.35	4.14	3	29	8	96	0.00	0.0	5.926	0.040	12	3	1	4
PL.63554	PL.63553	C	#4 ACSR	7.24Y	120.7	0.00	4.35	2.38	2	17	4	97	0.00	0.0	5.955	0.029	6	1	1	3
PL.55017	PL.63554	C	#4 ACSR	7.24Y	120.7	0.00	4.35	1.59	1	11	3	96	0.00	0.0	5.989	0.034	11	3	2	2
PL.55027	PL.55036	ABC	#1/0 ACSR	7.24Y	120.7	0.01	4.34	10.02	4	211	55	97	0.01	0.0	5.876	0.054	0	0	0	28
PL.55028	PL.55027	C	1/0 AL URD	7.24Y	120.7	0.00	4.34	1.00	1	7	2	96	0.00	0.0	5.882	0.005	0	0	0	1
PD.8162	PL.55028	C	15T	7.24Y	120.7	0.00	4.34	1.00	0	7	2	96	0.00	0.0	5.882	0.005	0	0	0	1
PL.55029	PD.8162	C	1/0 AL URD	7.24Y	120.7	0.00	4.34	1.00	1	7	2	96	0.00	0.0	5.900	0.019	7	2	1	1
PL.59778	PL.55027	ABC	#1/0 ACSR	7.24Y	120.7	0.00	4.34	9.69	4	204	53	97	0.01	0.0	5.906	0.029	12	3	1	27

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.62803	PL.59778	ABC	#1/0 ACSR	7.24Y	120.6	0.01	4.35	8.62	4	181	47	97	0.01	0.0	5.970	0.064	0	0	0	25
PL.62802	PL.62803	ABC	#1/0 ACSR	7.24Y	120.6	0.01	4.36	8.62	4	181	47	97	0.01	0.0	6.021	0.051	0	0	0	25
PD.9448	PL.62802	ABC	25T	7.24Y	120.6	0.00	4.36	8.62	0	181	47	97	0.00	0.0	6.021	0.051	0	0	0	25
PL.59537	PD.9448	ABC	#1/0 ACSR	7.24Y	120.6	0.01	4.37	8.62	4	181	47	97	0.02	0.0	6.100	0.079	0	0	0	25
PL.46004	PL.59537	ABC	#1/0 ACSR	7.24Y	120.6	0.01	4.38	5.47	2	115	30	97	0.01	0.0	6.165	0.065	0	0	0	22
PL.58069	PL.46004	B	6 A (CWC)	7.24Y	120.6	0.00	4.38	0.60	0	4	1	97	0.00	0.0	6.168	0.003	0	0	0	2
PD.8424	PL.58069	B	25T	7.24Y	120.6	0.00	4.38	0.60	0	4	1	97	0.00	0.0	6.168	0.003	0	0	0	2
PL.58070	PD.8424	B	6 A (CWC)	7.24Y	120.6	0.00	4.38	0.60	0	4	1	97	0.00	0.0	6.184	0.015	2	0	1	2
PL.55040	PL.58070	B	6 A (CWC)	7.24Y	120.6	0.00	4.38	0.34	0	2	1	89	0.00	0.0	6.205	0.021	2	1	1	1
PL.55031	PL.46004	ABC	#1/0 ACSR	7.24Y	120.6	0.01	4.38	5.27	2	111	29	97	0.00	0.0	6.226	0.061	0	0	0	20
PL.63612	PL.55031	C	#4 ACSR	7.24Y	120.6	0.00	4.38	2.49	2	17	5	96	0.00	0.0	6.231	0.005	0	0	0	2
PD.8164	PL.63612	C	25T	7.24Y	120.6	0.00	4.38	2.49	0	17	5	96	0.00	0.0	6.231	0.005	0	0	0	2
PL.55032	PD.8164	C	#4 ACSR	7.24Y	120.6	0.00	4.39	2.49	2	17	5	96	0.00	0.0	6.271	0.040	17	5	2	2
PL.63613	PL.55031	A	#1/0 ACSR	7.24Y	120.6	0.00	4.38	1.03	0	7	2	96	0.00	0.0	6.229	0.003	0	0	0	1
PD.9485	PL.63613	A	20T	7.24Y	120.6	0.00	4.38	1.03	0	7	2	96	0.00	0.0	6.229	0.003	0	0	0	1
PL.63614	PD.9485	A	#1/0 ACSR	7.24Y	120.6	0.00	4.38	1.03	0	7	2	96	0.00	0.0	6.257	0.029	7	2	1	1
PL.55033	PL.55031	ABC	#1/0 ACSR	7.24Y	120.6	0.01	4.39	4.09	2	86	22	97	0.00	0.0	6.296	0.070	0	0	0	17
PL.55034	PL.55033	C	6 A (CWC)	7.24Y	120.6	0.00	4.39	9.95	7	70	18	97	0.00	0.0	6.300	0.004	0	0	0	11
PD.8165	PL.55034	C	30T	7.24Y	120.6	0.00	4.39	9.95	0	70	18	97	0.00	0.0	6.300	0.004	0	0	0	11
PL.55035	PD.8165	C	6 A (CWC)	7.23Y	120.6	0.04	4.43	9.95	7	70	18	97	0.02	0.0	6.393	0.093	2	1	1	11
PL.59543	PL.55035	C	6 A (CWC)	7.23Y	120.5	0.04	4.47	9.61	7	67	18	97	0.02	0.0	6.483	0.090	8	2	1	10
PL.59541	PL.59543	C	6 A (CWC)	7.23Y	120.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	6.679	0.196	0	0	0	0
PL.59542	PL.59543	C	6 A (CWC)	7.23Y	120.5	0.02	4.49	8.50	6	60	15	97	0.01	0.0	6.524	0.041	0	0	0	9
PL.58954	PL.59542	C	#1/0 ACSR	7.23Y	120.5	0.00	4.49	1.06	0	7	2	96	0.00	0.0	6.526	0.001	0	0	0	1
PD.8751	PL.58954	C	20T	7.23Y	120.5	0.00	4.49	1.06	0	7	2	96	0.00	0.0	6.526	0.001	0	0	0	1
PL.58917	PD.8751	C	#1/0 ACSR	7.23Y	120.5	0.00	4.49	1.06	0	7	2	96	0.00	0.0	6.877	0.351	7	2	1	1
PL.58951	PL.59542	C	6 A (CWC)	7.23Y	120.5	0.05	4.54	7.45	5	52	14	97	0.02	0.0	6.675	0.150	0	0	0	8
PL.58953	PL.58951	C	6 A (CWC)	7.23Y	120.5	0.01	4.55	5.40	4	38	10	97	0.00	0.0	6.720	0.045	0	0	0	6
PD.8427-A	PL.58953	C	Closed	7.23Y	120.5	0.00	4.55	5.40	0	38	10	97	0.00	0.0	6.720	0.045	0	0	0	6
PD.8427-B	PD.8427-A	C	Closed	7.23Y	120.5	0.00	4.55	5.40	0	38	10	97	0.00	0.0	6.720	0.045	0	0	0	6
PL.58073	PD.8427-B	C	6 A (CWC)	7.23Y	120.5	0.00	4.55	5.40	4	38	10	97	0.00	0.0	6.725	0.005	0	0	0	6

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46320	PL.58073	C	6 A (CWC)	7.23Y	120.4	0.02	4.56	4.87	3	34	9	97	0.00	0.0	6.794	0.068	0	0	0	5
PL.55062	PL.46320	C	6 A (CWC)	7.23Y	120.4	0.00	4.57	4.28	3	30	8	97	0.00	0.0	6.812	0.019	0	0	0	4
PL.58078	PL.55062	C	6 A (CWC)	7.23Y	120.4	0.00	4.57	1.38	1	10	3	96	0.00	0.0	6.816	0.003	0	0	0	2
PD.8430	PL.58078	C	20T	7.23Y	120.4	0.00	4.57	1.38	0	10	3	96	0.00	0.0	6.816	0.003	0	0	0	2
PL.58079	PD.8430	C	6 A (CWC)	7.23Y	120.4	0.01	4.58	1.38	1	10	3	96	0.00	0.0	7.033	0.217	0	0	1	2
PL.46003	PL.58079	C	6 A (CWC)	7.22Y	120.4	0.01	4.59	1.38	1	10	2	98	0.00	0.0	7.291	0.258	10	2	1	1
PL.58076	PL.55062	C	6 A (CWC)	7.23Y	120.4	0.00	4.57	2.91	2	20	5	97	0.00	0.0	6.817	0.005	0	0	0	2
PD.8429	PL.58076	C	20T	7.23Y	120.4	0.00	4.57	2.91	0	20	5	97	0.00	0.0	6.817	0.005	0	0	0	2
PL.58077	PD.8429	C	6 A (CWC)	7.22Y	120.4	0.02	4.59	2.91	2	20	5	97	0.00	0.0	6.964	0.148	0	0	0	2
PL.57904	PL.58077	C	6 A (CWC)	7.22Y	120.4	0.01	4.59	1.87	1	13	3	97	0.00	0.0	7.094	0.130	13	3	1	1
PL.57905	PL.57904	C	6 A (CWC)	7.22Y	120.4	0.00	4.59	0.00	0	0	0	100	0.00	0.0	7.200	0.105	0	0	0	0
PL.57903	PL.58077	C	#1/0 ACSR	7.22Y	120.4	0.00	4.59	1.03	0	7	2	96	0.00	0.0	7.018	0.054	7	2	1	1
PL.46317	PL.46320	C	#4 ACSR	7.23Y	120.4	0.00	4.56	0.59	0	4	1	97	0.00	0.0	6.815	0.021	4	1	1	1
PL.58074	PL.58073	C	6 A (CWC)	7.23Y	120.5	0.00	4.55	0.53	0	4	1	97	0.00	0.0	6.730	0.005	0	0	0	1
PD.8428	PL.58074	C	20T	7.23Y	120.5	0.00	4.55	0.53	0	4	1	97	0.00	0.0	6.730	0.005	0	0	0	1
PL.58075	PD.8428	C	6 A (CWC)	7.23Y	120.5	0.00	4.55	0.53	0	4	1	97	0.00	0.0	6.791	0.061	4	1	1	1
PL.58952	PL.58951	C	6 A (CWC)	7.23Y	120.5	0.01	4.54	2.05	1	14	4	96	0.00	0.0	6.761	0.086	4	1	1	2
PL.46002	PL.58952	C	6 A (CWC)	7.23Y	120.5	0.00	4.55	1.46	1	10	3	96	0.00	0.0	6.826	0.065	10	3	1	1
PL.58071	PL.55033	C	6 A (CWC)	7.24Y	120.6	0.00	4.39	2.33	2	16	4	97	0.00	0.0	6.301	0.005	0	0	0	6
PD.8425	PL.58071	C	30T	7.24Y	120.6	0.00	4.39	2.33	0	16	4	97	0.00	0.0	6.301	0.005	0	0	0	6
PL.60366	PD.8425	C	6 A (CWC)	7.23Y	120.6	0.03	4.42	2.33	2	16	4	97	0.00	0.0	6.622	0.321	1	0	1	6
PL.60367	PL.60366	C	6 A (CWC)	7.23Y	120.6	0.00	4.42	2.24	2	16	4	97	0.00	0.0	6.625	0.003	0	0	0	5
PD.8426-A	PL.60367	C	Closed	7.23Y	120.6	0.00	4.42	2.24	0	16	4	97	0.00	0.0	6.625	0.003	0	0	0	5
PD.8426-B	PD.8426-A	C	Closed	7.23Y	120.6	0.00	4.42	2.24	0	16	4	97	0.00	0.0	6.625	0.003	0	0	0	5
PL.58072	PD.8426-B	C	6 A (CWC)	7.23Y	120.6	0.01	4.43	2.24	2	16	4	97	0.00	0.0	6.734	0.109	4	1	1	5
PL.46468	PL.58072	C	6 A (CWC)	7.23Y	120.6	0.01	4.44	1.66	1	12	3	97	0.00	0.0	6.813	0.078	0	0	0	4
PL.45240	PL.46468	C	6 A (CWC)	7.23Y	120.6	0.00	4.44	0.00	0	0	0	100	0.00	0.0	6.843	0.030	0	0	0	0
PD.7956-A	PL.45240	C	Open	7.23Y	120.6	0.00	4.44	0.00	0	0	0	100	0.00	0.0	6.843	0.030	0	0	0	0
PL.45241	PL.46468	C	#4 ACSR	7.23Y	120.6	0.00	4.44	1.66	1	12	3	97	0.00	0.0	6.814	0.001	0	0	0	4
PD.7255	PL.45241	C	20T	7.23Y	120.6	0.00	4.44	1.66	0	12	3	97	0.00	0.0	6.814	0.001	0	0	0	4
PL.46469	PD.7255	C	#4 ACSR	7.23Y	120.5	0.02	4.46	1.66	1	12	3	97	0.00	0.0	7.072	0.258	1	0	1	4

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46470	PL.46469	C	#4 ACSR	7.23Y	120.5	0.00	4.46	1.57	1	11	3	96	0.00	0.0	7.097	0.024	11	3	2	3
PL.46471	PL.46470	C	#4 ACSR	7.23Y	120.5	0.00	4.46	0.00	0	0	0	100	0.00	0.0	7.179	0.082	0	0	1	1
PL.58067	PL.59537	C	#2 ACSR	7.24Y	120.6	0.00	4.37	9.47	5	66	17	97	0.00	0.0	6.101	0.000	0	0	0	3
PD.8423	PL.58067	C	25T	7.24Y	120.6	0.00	4.37	9.47	0	66	17	97	0.00	0.0	6.101	0.000	0	0	0	3
PL.58068	PD.8423	C	#2 ACSR	7.24Y	120.6	0.00	4.37	9.47	5	66	17	97	0.00	0.0	6.101	0.000	0	0	0	3
PL.58065	PL.58068	C	#2 ACSR	7.24Y	120.6	0.01	4.38	8.24	5	58	15	97	0.00	0.0	6.140	0.040	17	5	1	2
PL.58064	PL.58065	C	#2 ACSR	7.24Y	120.6	0.00	4.38	5.76	3	40	10	97	0.00	0.0	6.185	0.045	40	10	1	1
PL.58066	PL.58068	C	#2 ACSR	7.24Y	120.6	0.00	4.37	1.23	1	9	2	98	0.00	0.0	6.136	0.035	9	2	1	1
PL.62804	PL.62803	C	#1/0 ACSR	7.24Y	120.6	0.00	4.35	0.00	0	0	0	100	0.00	0.0	5.974	0.004	0	0	0	0
PD.8422	PL.62804	C	25T	7.24Y	120.6	0.00	4.35	0.00	0	0	0	100	0.00	0.0	5.974	0.004	0	0	0	0
PL.58024	PD.8422	C	#1/0 ACSR	7.24Y	120.6	0.00	4.35	0.00	0	0	0	100	0.00	0.0	5.998	0.024	0	0	0	0
PL.59779	PL.59778	C	#4 ACSR	7.24Y	120.7	0.00	4.34	1.53	1	11	3	96	0.00	0.0	5.909	0.003	0	0	0	1
PD.8163	PL.59779	C	25T	7.24Y	120.7	0.00	4.34	1.53	0	11	3	96	0.00	0.0	5.909	0.003	0	0	0	1
PL.55030	PD.8163	C	#4 ACSR	7.24Y	120.7	0.01	4.35	1.53	1	11	3	96	0.00	0.0	6.109	0.200	11	3	1	1
PL.55038	PL.55037	A	#1/0 ACSR	7.24Y	120.7	0.00	4.31	1.17	1	8	2	97	0.00	0.0	5.764	0.007	0	0	0	1
PD.8166	PL.55038	A	15T	7.24Y	120.7	0.00	4.31	1.17	0	8	2	97	0.00	0.0	5.764	0.007	0	0	0	1
PL.55039	PD.8166	A	#1/0 ACSR	7.24Y	120.7	0.00	4.31	1.17	1	8	2	97	0.00	0.0	5.772	0.008	8	2	1	1
PL.55023	PL.55022	C	6 A (CWC)	7.24Y	120.7	0.00	4.30	1.54	1	11	3	96	0.00	0.0	5.705	0.006	0	0	0	2
PD.8160	PL.55023	C	30T	7.24Y	120.7	0.00	4.30	1.54	0	11	3	96	0.00	0.0	5.705	0.006	0	0	0	2
PL.55024	PD.8160	C	6 A (CWC)	7.24Y	120.7	0.00	4.30	1.54	1	11	3	96	0.00	0.0	5.755	0.050	7	2	1	2
PL.55021	PL.55024	C	6 A (CWC)	7.24Y	120.7	0.00	4.30	0.51	0	4	1	97	0.00	0.0	5.805	0.051	4	1	1	1
PL.65304	PL.65303	C	1/0 AL URD	7.24Y	120.7	0.00	4.28	0.02	0	0	0	100	0.00	0.0	5.624	0.027	0	0	1	1
PL.58080	PL.55019	ABC	#3/0 ACSR	7.25Y	120.8	0.01	4.24	26.76	9	563	147	97	0.05	0.0	5.424	0.041	0	0	0	85
PD.8431-A	PL.58080	ABC	Closed	7.25Y	120.8	0.00	4.24	26.76	0	563	147	97	0.00	0.0	5.424	0.041	0	0	0	85
PD.8431-B	PD.8431-A	ABC	Closed	7.25Y	120.8	0.00	4.24	26.76	0	563	147	97	0.00	0.0	5.424	0.041	0	0	0	85
PL.58081	PD.8431-B	ABC	#3/0 ACSR	7.25Y	120.8	0.01	4.25	26.76	9	563	147	97	0.04	0.0	5.453	0.029	0	0	0	85
PL.46028	PL.58081	C	#4 ACSR	7.25Y	120.8	0.00	4.25	1.29	1	9	2	98	0.00	0.0	5.454	0.001	0	0	0	1
PD.7000	PL.46028	C	40T	7.25Y	120.8	0.00	4.25	1.29	0	9	2	98	0.00	0.0	5.454	0.001	0	0	0	1
PL.55018	PD.7000	C	#4 ACSR	7.25Y	120.8	0.00	4.25	1.29	1	9	2	98	0.00	0.0	5.511	0.057	9	2	1	1
PL.46344	PL.58081	ABC	#3/0 ACSR	7.24Y	120.7	0.04	4.28	26.33	9	554	144	97	0.13	0.0	5.567	0.114	0	0	0	84
PL.46029	PL.46344	C	#4 ACSR	7.24Y	120.7	0.00	4.28	1.23	1	9	2	98	0.00	0.0	5.568	0.001	0	0	0	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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.7210	PL.46029	C	30T	7.24Y	120.7	0.00	4.28	1.23	0	9	2	98	0.00	0.0	5.568	0.001	0	0	0	1
PL.46030	PD.7210	C	#4 ACSR	7.24Y	120.7	0.00	4.29	1.23	1	9	2	98	0.00	0.0	5.654	0.086	9	2	1	1
PL.46781	PL.46344	ABC	#3/0 ACSR	7.24Y	120.7	0.05	4.33	25.92	9	545	142	97	0.17	0.0	5.715	0.148	0	0	0	83
PL.46472	PL.46781	C	#2 ACSR	7.24Y	120.7	0.00	4.33	0.37	0	3	1	95	0.00	0.0	5.715	0.001	0	0	0	1
PD.6998	PL.46472	C	30T	7.24Y	120.7	0.00	4.33	0.37	0	3	1	95	0.00	0.0	5.715	0.001	0	0	0	1
PL.46473	PD.6998	C	#2 ACSR	7.24Y	120.7	0.00	4.33	0.37	0	3	1	95	0.00	0.0	5.770	0.054	3	1	1	1
PL.46031	PL.46781	ABC	#3/0 ACSR	7.24Y	120.6	0.02	4.36	25.79	9	542	141	97	0.09	0.0	5.792	0.078	0	0	0	82
PL.58084	PL.46031	ABC	#3/0 ACSR	7.24Y	120.6	0.03	4.39	25.71	9	540	140	97	0.10	0.0	5.883	0.091	0	0	0	81
PL.58086	PL.58084	ABC	#3/0 ACSR	7.24Y	120.6	0.02	4.41	24.76	8	520	135	97	0.07	0.0	5.953	0.070	0	0	0	76
PL.58085	PL.58086	ABC	#3/0 ACSR	7.23Y	120.6	0.03	4.44	24.56	8	516	134	97	0.12	0.0	6.067	0.114	2	1	1	75
PL.57844	PL.58085	ABC	#3/0 ACSR	7.23Y	120.5	0.02	4.46	23.82	8	500	130	97	0.06	0.0	6.135	0.068	0	0	0	73
PL.57845	PL.57844	C	#2 ACSR	7.23Y	120.5	0.00	4.46	5.12	3	36	9	97	0.00	0.0	6.138	0.003	0	0	0	4
PD.8386	PL.57845	C	30T	7.23Y	120.5	0.00	4.46	5.12	0	36	9	97	0.00	0.0	6.138	0.003	0	0	0	4
PL.57846	PD.8386	C	#2 ACSR	7.23Y	120.5	0.01	4.47	5.12	3	36	9	97	0.00	0.0	6.205	0.067	8	2	1	4
PL.55092	PL.57846	C	#2 ACSR	7.23Y	120.5	0.01	4.48	3.94	2	28	7	97	0.00	0.0	6.307	0.102	12	3	1	3
PL.55093	PL.55092	C	#2 ACSR	7.23Y	120.5	0.02	4.50	2.24	1	16	4	97	0.00	0.0	6.549	0.242	0	0	0	2
PL.45436	PL.55093	C	#2 ACSR	7.23Y	120.5	0.01	4.51	1.52	1	11	3	96	0.00	0.0	6.693	0.144	0	0	0	1
PL.46179	PL.45436	C	#2 ACSR	7.23Y	120.5	0.00	4.51	1.52	1	11	3	96	0.00	0.0	6.734	0.041	11	3	1	1
PL.55094	PL.55093	C	#2 ACSR	7.23Y	120.5	0.00	4.50	0.73	0	5	1	98	0.00	0.0	6.605	0.056	5	1	1	1
PL.55095	PL.57844	ABC	#3/0 ACSR	7.23Y	120.5	0.02	4.48	22.11	7	464	120	97	0.05	0.0	6.199	0.065	0	0	0	69
PL.55096	PL.55095	ABC	#3/0 ACSR	7.23Y	120.5	0.03	4.51	22.11	7	464	120	97	0.08	0.0	6.297	0.097	0	0	0	69
PL.46035	PL.55096	ABC	#3/0 ACSR	7.23Y	120.5	0.03	4.53	21.20	7	445	115	97	0.08	0.0	6.397	0.101	4	1	1	66
PL.46036	PL.46035	ABC	#3/0 ACSR	7.23Y	120.4	0.03	4.57	21.02	7	441	114	97	0.09	0.0	6.518	0.120	0	0	0	65
PL.58091	PL.46036	C	#2 ACSR	7.23Y	120.4	0.00	4.57	5.10	3	36	9	97	0.00	0.0	6.518	0.000	0	0	0	4
PD.8433	PL.58091	C	30T	7.23Y	120.4	0.00	4.57	5.10	0	36	9	97	0.00	0.0	6.518	0.000	0	0	0	4
PL.58092	PD.8433	C	#2 ACSR	7.23Y	120.4	0.00	4.57	5.10	3	36	9	97	0.00	0.0	6.518	0.000	0	0	0	4
PL.58090	PL.58092	C	#4 ACSR	7.23Y	120.4	0.00	4.57	2.63	2	18	5	96	0.00	0.0	6.544	0.025	18	5	2	2
PL.45117	PL.58092	C	#2 ACSR	7.23Y	120.4	0.00	4.57	2.47	1	17	4	97	0.00	0.0	6.536	0.017	0	0	0	2
PL.46707	PL.45117	C	#2 ACSR	7.23Y	120.4	0.00	4.57	2.47	1	17	4	97	0.00	0.0	6.579	0.043	10	3	1	2
PL.46708	PL.46707	C	#2 ACSR	7.23Y	120.4	0.00	4.57	1.07	1	7	2	96	0.00	0.0	6.634	0.055	7	2	1	1
PL.55013	PL.46036	ABC	#3/0 ACSR	7.23Y	120.4	0.01	4.57	19.32	6	406	105	97	0.02	0.0	6.549	0.031	4	1	1	61

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.55012	PL.55013	ABC	#3/0 ACSR	7.22Y	120.4	0.02	4.59	18.79	6	394	102	97	0.04	0.0	6.615	0.066	0	0	0	59
PL.58093	PL.55012	C	#1/0 ACSR	7.22Y	120.4	0.00	4.59	2.38	1	17	4	97	0.00	0.0	6.619	0.004	0	0	0	2
PD.8434	PL.58093	C	50T	7.22Y	120.4	0.00	4.59	2.38	0	17	4	97	0.00	0.0	6.619	0.004	0	0	0	2
PL.58094	PD.8434	C	#1/0 ACSR	7.22Y	120.4	0.00	4.59	2.38	1	17	4	97	0.00	0.0	6.632	0.013	0	0	0	2
PL.58095	PL.58094	C	1/0 AL URD	7.22Y	120.4	0.00	4.59	2.38	1	17	4	97	0.00	0.0	6.636	0.004	0	0	0	2
PD.8435	PL.58095	C	30T	7.22Y	120.4	0.00	4.59	2.38	0	17	4	97	0.00	0.0	6.636	0.004	0	0	0	2
PL.58096	PD.8435	C	1/0 AL URD	7.22Y	120.4	0.00	4.59	2.38	1	17	4	97	0.00	0.0	6.716	0.080	17	4	2	2
PL.55097	PL.55012	ABC	#3/0 ACSR	7.22Y	120.4	0.02	4.61	18.00	6	378	98	97	0.05	0.0	6.700	0.084	2	0	1	57
PL.57820	PL.55097	C	#4 ACSR	7.22Y	120.4	0.00	4.61	1.93	1	13	4	96	0.00	0.0	6.704	0.004	0	0	0	1
PD.8396	PL.57820	C	30T	7.22Y	120.4	0.00	4.61	1.93	0	13	4	96	0.00	0.0	6.704	0.004	0	0	0	1
PL.57821	PD.8396	C	#4 ACSR	7.22Y	120.4	0.00	4.61	1.93	1	13	4	96	0.00	0.0	6.778	0.074	13	4	1	1
PL.55098	PL.55097	ABC	#3/0 ACSR	7.22Y	120.4	0.03	4.63	17.28	6	363	94	97	0.06	0.0	6.824	0.125	0	0	1	55
PL.58097	PL.55098	ABC	#3/0 ACSR	7.22Y	120.3	0.02	4.65	17.26	6	362	93	97	0.04	0.0	6.903	0.078	0	0	0	54
PD.8436	PL.58097	ABC	70L	7.22Y	120.3	0.00	4.65	17.26	25	362	93	97	0.00	0.0	6.903	0.078	0	0	0	54
PL.58098	PD.8436	ABC	#3/0 ACSR	7.22Y	120.3	0.01	4.66	17.26	6	362	93	97	0.02	0.0	6.947	0.044	0	0	0	54
PL.54988	PL.58098	C	6 A (CWC)	7.22Y	120.3	0.07	4.73	32.26	23	226	58	97	0.12	0.1	6.995	0.047	9	2	1	31
PL.54989	PL.54988	C	6 A (CWC)	7.21Y	120.2	0.04	4.77	30.90	22	216	55	97	0.06	0.0	7.023	0.029	7	2	1	30
PL.54987	PL.54989	C	6 A (CWC)	7.20Y	120.1	0.16	4.93	29.96	21	209	54	97	0.26	0.1	7.143	0.120	0	0	0	29
PL.46429	PL.54987	C	6 A (CWC)	7.20Y	120.1	0.02	4.95	6.72	5	47	12	97	0.01	0.0	7.196	0.053	0	0	0	7
PL.54784	PL.46429	C	6 A (CWC)	7.20Y	120.0	0.01	4.96	4.28	3	30	8	97	0.00	0.0	7.289	0.093	11	3	1	4
PL.54785	PL.54784	C	#4 ACSR	7.20Y	120.0	0.00	4.96	2.65	2	18	5	96	0.00	0.0	7.292	0.003	0	0	0	3
PD.8168	PL.54785	C	25T	7.20Y	120.0	0.00	4.96	2.65	0	18	5	96	0.00	0.0	7.292	0.003	0	0	0	3
PL.54783	PD.8168	C	#4 ACSR	7.20Y	120.0	0.01	4.97	2.65	2	18	5	96	0.00	0.0	7.356	0.064	0	0	0	3
PL.55126	PL.54783	C	#4 ACSR	7.20Y	120.0	0.00	4.97	2.65	2	18	5	96	0.00	0.0	7.381	0.025	0	0	0	3
PL.55113	PL.55126	C	#2 ACSR	7.20Y	120.0	0.00	4.98	2.65	2	18	5	96	0.00	0.0	7.432	0.051	7	2	1	3
PL.55115	PL.55113	C	#1/0 ACSR	7.20Y	120.0	0.00	4.98	1.62	1	11	3	96	0.00	0.0	7.455	0.023	11	3	2	2
PL.55114	PL.55126	C	#4 ACSR	7.20Y	120.0	0.00	4.97	0.00	0	0	0	100	0.00	0.0	7.460	0.079	0	0	0	0
PL.55099	PL.46429	C	#1/0 ACSR	7.20Y	120.1	0.00	4.95	0.90	0	6	2	95	0.00	0.0	7.233	0.037	6	2	1	1
PL.55007	PL.46429	C	#4 ACSR	7.20Y	120.1	0.00	4.95	0.76	1	5	1	98	0.00	0.0	7.250	0.054	5	1	1	1
PL.55006	PL.46429	C	#4 ACSR	7.20Y	120.1	0.00	4.95	0.00	0	0	0	100	0.00	0.0	7.259	0.063	0	0	0	0
PL.64356	PL.46429	C	#1/0 ACSR	7.20Y	120.1	0.00	4.95	0.78	0	5	1	98	0.00	0.0	7.231	0.035	5	1	1	1

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
-----																				
PL.46498	PL.54987	C	6 A (CWC)	7.19Y	119.8	0.28	5.21	23.24	17	162	41	97	0.34	0.2	7.406	0.262	0	0	0	22
PL.46334	PL.46498	C	#4 ACSR	7.19Y	119.8	0.00	5.21	1.22	1	9	2	98	0.00	0.0	7.411	0.006	0	0	0	2
PD.7211	PL.46334	C	25T	7.19Y	119.8	0.00	5.21	1.22	0	9	2	98	0.00	0.0	7.411	0.006	0	0	0	2
PL.55112	PD.7211	C	#4 ACSR	7.19Y	119.8	0.01	5.21	1.22	1	9	2	98	0.00	0.0	7.546	0.134	5	1	1	2
PL.59760	PL.55112	C	#1/0 ACSR	7.19Y	119.8	0.00	5.21	0.51	0	4	1	97	0.00	0.0	7.573	0.027	0	0	0	1
PL.59762	PL.59760	C	1/0 AL URD	7.19Y	119.8	0.00	5.22	0.51	0	4	1	97	0.00	0.0	7.659	0.086	0	0	0	1
PD.8954	PL.59762	C	100CodeSMo	7.19Y	119.8	0.00	5.22	0.52	0	4	1	97	0.00	0.0	7.659	0.086	0	0	0	1
PL.59763	PD.8954	C	1/0 AL URD	7.19Y	119.8	0.00	5.22	0.52	0	4	1	97	0.00	0.0	7.662	0.003	0	0	0	1
PL.59761	PL.59763	C	1/0 AL URD	7.19Y	119.8	0.00	5.22	0.52	0	4	1	97	0.00	0.0	7.690	0.028	4	1	1	1
PL.55073	PL.46498	C	6 A (CWC)	7.17Y	119.6	0.23	5.44	22.03	16	153	39	97	0.28	0.2	7.640	0.234	0	0	0	20
PL.58110	PL.55073	C	6 A (CWC)	7.17Y	119.6	0.00	5.45	15.88	11	110	28	97	0.00	0.0	7.643	0.004	0	0	0	13
PD.8443	PL.58110	C	100CodeSMo	7.17Y	119.6	0.00	5.45	15.88	0	110	28	97	0.00	0.0	7.643	0.004	0	0	0	13
PL.58111	PD.8443	C	6 A (CWC)	7.17Y	119.5	0.05	5.49	15.88	11	110	28	97	0.04	0.0	7.709	0.065	1	0	1	13
PL.59876	PL.58111	C	6 A (CWC)	7.16Y	119.4	0.14	5.63	15.71	11	109	28	97	0.12	0.1	7.904	0.196	0	0	0	12
PL.59878	PL.59876	C	#4 ACSR	7.16Y	119.4	0.00	5.63	1.38	1	10	2	98	0.00	0.0	7.907	0.003	0	0	0	1
PD.8898	PL.59878	C	20T	7.16Y	119.4	0.00	5.63	1.38	0	10	2	98	0.00	0.0	7.907	0.003	0	0	0	1
PL.59879	PD.8898	C	#4 ACSR	7.16Y	119.4	0.00	5.64	1.38	1	10	2	98	0.00	0.0	7.980	0.073	10	2	1	1
PL.59877	PL.59876	C	6 A (CWC)	7.16Y	119.3	0.08	5.71	14.33	10	99	26	97	0.06	0.1	8.028	0.123	0	0	0	11
PL.55102	PL.59877	C	6 A (CWC)	7.15Y	119.2	0.12	5.84	14.33	10	99	26	97	0.10	0.1	8.219	0.191	0	0	0	11
PL.58115	PL.55102	C	1/0 AL URD	7.15Y	119.2	0.00	5.84	1.32	1	9	2	98	0.00	0.0	8.222	0.003	0	0	0	1
PD.8447	PL.58115	C	15T	7.15Y	119.2	0.00	5.84	1.32	0	9	2	98	0.00	0.0	8.222	0.003	0	0	0	1
PL.58116	PD.8447	C	1/0 AL URD	7.15Y	119.2	0.00	5.84	1.32	1	9	2	98	0.00	0.0	8.260	0.038	9	2	1	1
PL.59880	PL.55102	C	6 A (CWC)	7.14Y	119.1	0.10	5.94	13.01	9	90	23	97	0.07	0.1	8.398	0.179	10	2	1	10
PL.59881	PL.59880	C	6 A (CWC)	7.14Y	119.1	0.00	5.94	9.29	7	64	17	97	0.00	0.0	8.402	0.003	0	0	0	6
PD.8899-A	PL.59881	C	Closed	7.14Y	119.1	0.00	5.94	9.29	0	64	17	97	0.00	0.0	8.402	0.003	0	0	0	6
PD.8899-B	PD.8899-A	C	Closed	7.14Y	119.1	0.00	5.94	9.29	0	64	17	97	0.00	0.0	8.402	0.003	0	0	0	6
PL.59882	PD.8899-B	C	6 A (CWC)	7.14Y	119.0	0.09	6.03	9.29	7	64	17	97	0.04	0.1	8.611	0.210	0	0	0	6
PL.53762	PL.59882	C	6 A (CWC)	7.14Y	118.9	0.04	6.06	9.29	7	64	17	97	0.02	0.0	8.696	0.084	0	0	0	6
PL.53832	PL.53762	C	6 A (CWC)	7.13Y	118.9	0.03	6.09	7.88	6	54	14	97	0.01	0.0	8.770	0.074	0	0	0	5
PL.53833	PL.53832	C	6 A (CWC)	7.13Y	118.9	0.02	6.11	7.88	6	54	14	97	0.01	0.0	8.829	0.060	0	0	0	5
PL.53831	PL.53833	C	6 A (CWC)	7.13Y	118.9	0.02	6.13	7.88	6	54	14	97	0.01	0.0	8.876	0.046	0	0	0	5

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Balanced Voltage Drop Report  
Source: Campground

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

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
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PL.58123	PL.53831	C	#4 ACSR	7.13Y	118.9	0.00	6.13	4.77	4	33	8	97	0.00	0.0	8.878	0.003	0	0	0	1
PD.8451	PL.58123	C	25T	7.13Y	118.9	0.00	6.13	4.77	0	33	8	97	0.00	0.0	8.878	0.003	0	0	0	1
PL.58124	PD.8451	C	#4 ACSR	7.13Y	118.8	0.02	6.15	4.77	4	33	8	97	0.01	0.0	8.984	0.106	0	0	0	1
PL.58125	PL.58124	C	2 AL URD	7.13Y	118.8	0.00	6.15	4.77	3	33	8	97	0.00	0.0	8.987	0.003	0	0	0	1
PD.8452	PL.58125	C	12T	7.13Y	118.8	0.00	6.15	4.77	0	33	8	97	0.00	0.0	8.987	0.003	0	0	0	1
PL.58126	PD.8452	C	2 AL URD	7.13Y	118.8	0.01	6.16	4.77	3	33	8	97	0.00	0.0	9.044	0.057	33	9	1	1
PL.58121	PL.53831	C	#2 ACSR	7.13Y	118.9	0.00	6.13	3.11	2	21	6	96	0.00	0.0	8.879	0.003	0	0	0	4
PD.8450	PL.58121	C	15T	7.13Y	118.9	0.00	6.13	3.11	0	21	6	96	0.00	0.0	8.879	0.003	0	0	0	4
PL.58122	PD.8450	C	#2 ACSR	7.13Y	118.9	0.01	6.14	3.11	2	21	6	96	0.00	0.0	8.950	0.071	0	0	0	4
PL.55118	PL.58122	C	#2 ACSR	7.13Y	118.9	0.00	6.14	0.25	0	2	0	100	0.00	0.0	8.980	0.030	1	0	2	3
PL.55119	PL.55118	C	#2 ACSR	7.13Y	118.9	0.00	6.14	0.12	0	1	0	100	0.00	0.0	9.012	0.032	1	0	1	1
PL.53835	PL.58122	C	#2 ACSR	7.13Y	118.9	0.00	6.14	2.87	2	20	5	97	0.00	0.0	9.011	0.061	20	5	1	1
PL.59865	PL.53831	C	6 A (CWC)	7.13Y	118.9	0.00	6.13	0.00	0	0	0	100	0.00	0.0	8.879	0.003	0	0	0	0
PL.53834	PL.53762	C	#4 ACSR	7.14Y	118.9	0.00	6.07	1.41	1	10	3	96	0.00	0.0	8.730	0.034	10	3	1	1
PL.58119	PL.59882	C	#2 ACSR	7.14Y	119.0	0.00	6.03	0.00	0	0	0	100	0.00	0.0	8.614	0.002	0	0	0	0
PD.8449	PL.58119	C	20T	7.14Y	119.0	0.00	6.03	0.00	0	0	0	100	0.00	0.0	8.614	0.002	0	0	0	0
PL.58120	PD.8449	C	#2 ACSR	7.14Y	119.0	0.00	6.03	0.00	0	0	0	100	0.00	0.0	8.706	0.092	0	0	0	0
PL.53763	PL.58120	C	#2 ACSR	7.14Y	119.0	0.00	6.03	0.00	0	0	0	100	0.00	0.0	9.237	0.531	0	0	0	0
PL.53764	PL.58120	C	#1/0 ACSR	7.14Y	119.0	0.00	6.03	0.00	0	0	0	100	0.00	0.0	8.780	0.073	0	0	0	0
PL.59883	PL.59880	C	6 A (CWC)	7.14Y	119.1	0.00	5.94	2.34	2	16	4	97	0.00	0.0	8.401	0.003	0	0	0	3
PD.8832	PL.59883	C	25T	7.14Y	119.1	0.00	5.94	2.34	0	16	4	97	0.00	0.0	8.401	0.003	0	0	0	3
PL.59864	PD.8832	C	6 A (CWC)	7.14Y	119.1	0.01	5.95	2.34	2	16	4	97	0.00	0.0	8.496	0.095	0	0	0	3
PL.58117	PL.59864	C	#1/0 ACSR	7.14Y	119.1	0.00	5.95	1.17	1	8	2	97	0.00	0.0	8.499	0.003	0	0	0	1
PD.8448	PL.58117	C	15T	7.14Y	119.1	0.00	5.95	1.17	0	8	2	97	0.00	0.0	8.499	0.003	0	0	0	1
PL.58118	PD.8448	C	#1/0 ACSR	7.14Y	119.0	0.00	5.95	1.17	1	8	2	97	0.00	0.0	8.674	0.175	8	2	1	1
PL.55008	PL.59864	C	6 A (CWC)	7.14Y	119.0	0.00	5.95	1.17	1	8	2	97	0.00	0.0	8.539	0.043	0	0	0	2
PL.54993	PL.55008	C	6 A (CWC)	7.14Y	119.0	0.00	5.95	0.00	0	0	0	100	0.00	0.0	8.584	0.044	0	0	1	1
PL.54994	PL.54993	C	6 A (CWC)	7.14Y	119.0	0.00	5.95	0.00	0	0	0	100	0.00	0.0	8.689	0.105	0	0	0	0
PL.54995	PL.54994	C	6 A (CWC)	7.14Y	119.0	0.00	5.95	0.00	0	0	0	100	0.00	0.0	8.991	0.301	0	0	0	0
PL.54992	PL.55008	C	6 A (CWC)	7.14Y	119.0	0.00	5.95	1.17	1	8	2	97	0.00	0.0	8.558	0.019	8	2	1	1
PL.55075	PL.55073	C	6 A (CWC)	7.17Y	119.6	0.00	5.45	6.15	4	43	11	97	0.00	0.0	7.646	0.006	0	0	0	7

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.8167	PL.55075	C	25T	7.17Y	119.6	0.00	5.45	6.15	0	43	11	97	0.00	0.0	7.646	0.006	0	0	0	7
PL.55076	PD.8167	C	6 A (CWC)	7.17Y	119.5	0.03	5.48	6.15	4	43	11	97	0.01	0.0	7.760	0.114	0	0	0	7
PL.64727	PL.55076	C	6 A (CWC)	7.17Y	119.5	0.04	5.52	4.72	3	33	8	97	0.01	0.0	7.964	0.204	0	0	0	6
PL.64728	PL.64727	C	6 A (CWC)	7.17Y	119.5	0.01	5.53	2.29	2	16	4	97	0.00	0.0	8.078	0.114	0	0	0	5
PL.58112	PL.64728	C	6 A (CWC)	7.17Y	119.5	0.00	5.53	1.30	1	9	2	98	0.00	0.0	8.081	0.003	0	0	0	2
PD.8445	PL.58112	C	15T	7.17Y	119.5	0.00	5.53	1.30	0	9	2	98	0.00	0.0	8.081	0.003	0	0	0	2
PL.58113	PD.8445	C	6 A (CWC)	7.17Y	119.5	0.00	5.54	1.30	1	9	2	98	0.00	0.0	8.179	0.098	4	1	1	2
PL.63603	PL.58113	C	1/0 AL URD	7.17Y	119.5	0.00	5.54	0.79	0	6	1	99	0.00	0.0	8.236	0.057	6	1	1	1
PL.59859	PL.64728	C	6 A (CWC)	7.17Y	119.5	0.00	5.53	0.99	1	7	2	96	0.00	0.0	8.083	0.005	0	0	0	3
PD.8444-A	PL.59859	C	Closed	7.17Y	119.5	0.00	5.53	0.99	0	7	2	96	0.00	0.0	8.083	0.005	0	0	0	3
PD.8444-B	PD.8444-A	C	Closed	7.17Y	119.5	0.00	5.53	0.99	0	7	2	96	0.00	0.0	8.083	0.005	0	0	0	3
PL.63566	PD.8444-B	C	6 A (CWC)	7.17Y	119.5	0.01	5.55	0.99	1	7	2	96	0.00	0.0	8.409	0.326	1	0	1	3
PL.63565	PL.63566	C	#1/0 ACSR	7.17Y	119.5	0.00	5.55	0.41	0	3	1	95	0.00	0.0	8.483	0.074	0	0	0	1
PL.59862	PL.63565	C	#1/0 ACSR	7.17Y	119.5	0.00	5.55	0.00	0	0	0	100	0.00	0.0	8.487	0.003	0	0	0	0
PD.8831	PL.59862	C	15T	7.17Y	119.5	0.00	5.55	0.00	0	0	0	100	0.00	0.0	8.487	0.003	0	0	0	0
PL.59863	PD.8831	C	#1/0 ACSR	7.17Y	119.5	0.00	5.55	0.00	0	0	0	100	0.00	0.0	8.601	0.114	0	0	0	0
PL.59860	PL.63565	C	#1/0 ACSR	7.17Y	119.5	0.00	5.55	0.41	0	3	1	95	0.00	0.0	8.487	0.004	0	0	0	1
PD.8830	PL.59860	C	15T	7.17Y	119.5	0.00	5.55	0.41	0	3	1	95	0.00	0.0	8.487	0.004	0	0	0	1
PL.59861	PD.8830	C	#1/0 ACSR	7.17Y	119.5	0.00	5.55	0.41	0	3	1	95	0.00	0.0	8.796	0.309	3	1	1	1
PL.63567	PL.63566	C	#4 ACSR	7.17Y	119.5	0.00	5.55	0.45	0	3	1	95	0.00	0.0	8.412	0.003	0	0	0	1
PD.8446	PL.63567	C	15T	7.17Y	119.5	0.00	5.55	0.45	0	3	1	95	0.00	0.0	8.412	0.003	0	0	0	1
PL.58114	PD.8446	C	#4 ACSR	7.17Y	119.5	0.00	5.55	0.45	0	3	1	95	0.00	0.0	8.679	0.267	3	1	1	1
PL.64731	PL.64727	C	1/0 AL URD	7.17Y	119.5	0.00	5.52	2.43	1	17	4	97	0.00	0.0	8.037	0.073	17	4	1	1
PL.55074	PL.55076	C	#4 ACSR	7.17Y	119.5	0.00	5.48	1.42	1	10	3	96	0.00	0.0	7.811	0.051	10	3	1	1
PL.55072	PL.55074	C	#4 ACSR	7.17Y	119.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	7.939	0.128	0	0	0	0
PL.59538	PL.58098	A	6 A (CWC)	7.22Y	120.3	0.04	4.70	19.52	14	136	35	97	0.04	0.0	6.992	0.045	0	0	0	23
PL.59539	PL.59538	A	6 A (CWC)	7.22Y	120.3	0.04	4.73	17.66	13	123	32	97	0.03	0.0	7.037	0.045	5	1	2	21
PL.55015	PL.59539	A	6 A (CWC)	7.21Y	120.2	0.04	4.78	16.89	12	118	31	97	0.04	0.0	7.089	0.052	0	0	0	19
PL.46316	PL.55015	A	6 A (CWC)	7.21Y	120.2	0.06	4.84	13.53	10	95	24	97	0.04	0.0	7.189	0.101	0	0	0	13
PL.54982	PL.46316	A	6 A (CWC)	7.21Y	120.1	0.04	4.88	9.19	7	64	16	97	0.02	0.0	7.288	0.099	0	0	0	9
PL.58106	PL.54982	A	#1/0 ACSR	7.21Y	120.1	0.00	4.88	2.67	1	19	5	97	0.00	0.0	7.291	0.003	0	0	0	2

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.8441	PL.58106	A	15T	7.21Y	120.1	0.00	4.88	2.67	0	19	5	97	0.00	0.0	7.291	0.003	0	0	0	2
PL.58107	PD.8441	A	#1/0 ACSR	7.21Y	120.1	0.00	4.88	2.67	1	19	5	97	0.00	0.0	7.311	0.020	19	5	2	2
PL.54986	PL.54982	A	6 A (CWC)	7.20Y	120.1	0.07	4.95	6.52	5	46	12	97	0.02	0.1	7.522	0.234	0	0	0	7
PL.55048	PL.54986	A	6 A (CWC)	7.20Y	120.0	0.01	4.96	5.37	4	37	10	97	0.00	0.0	7.574	0.052	6	1	3	6
PL.55047	PL.55048	A	6 A (CWC)	7.20Y	120.0	0.01	4.97	4.56	3	32	8	97	0.00	0.0	7.659	0.085	19	5	2	3
PL.55046	PL.55047	A	#4/0 ACSR	7.20Y	120.0	0.00	4.97	1.90	1	13	3	97	0.00	0.0	7.707	0.048	13	3	1	1
PL.59536	PL.55047	A	6 A (CWC)	7.20Y	120.0	0.00	4.97	0.00	0	0	0	100	0.00	0.0	7.662	0.003	0	0	0	0
PD.8794-B	PL.59536	A	Open	7.20Y	120.0	0.00	4.97	0.00	0	0	0	100	0.00	0.0	7.662	0.003	0	0	0	0
PL.58108	PL.54986	A	1/0 AL URD	7.20Y	120.1	0.00	4.95	1.15	1	8	2	97	0.00	0.0	7.526	0.004	0	0	0	1
PD.8442	PL.58108	A	15T	7.20Y	120.1	0.00	4.95	1.15	0	8	2	97	0.00	0.0	7.526	0.004	0	0	0	1
PL.58109	PD.8442	A	1/0 AL URD	7.20Y	120.1	0.00	4.95	1.15	1	8	2	97	0.00	0.0	7.577	0.051	8	2	1	1
PL.46315	PL.46316	A	#2 ACSR	7.21Y	120.2	0.00	4.84	1.02	1	7	2	96	0.00	0.0	7.236	0.046	7	2	1	1
PL.58104	PL.46316	A	#2 ACSR	7.21Y	120.2	0.00	4.84	2.34	1	16	4	97	0.00	0.0	7.193	0.004	0	0	0	2
PD.8440	PL.58104	A	15T	7.21Y	120.2	0.00	4.84	2.34	0	16	4	97	0.00	0.0	7.193	0.004	0	0	0	2
PL.58105	PD.8440	A	#2 ACSR	7.21Y	120.2	0.00	4.84	2.34	1	16	4	97	0.00	0.0	7.249	0.055	16	4	2	2
PL.58102	PL.46316	A	#4 ACSR	7.21Y	120.2	0.00	4.84	0.99	1	7	2	96	0.00	0.0	7.194	0.004	0	0	0	1
PD.8439	PL.58102	A	15T	7.21Y	120.2	0.00	4.84	0.99	0	7	2	96	0.00	0.0	7.194	0.004	0	0	0	1
PL.58103	PD.8439	A	#4 ACSR	7.21Y	120.2	0.00	4.84	0.99	1	7	2	96	0.00	0.0	7.254	0.060	7	2	1	1
PL.58100	PL.55015	A	6 A (CWC)	7.21Y	120.2	0.00	4.78	3.35	2	23	6	97	0.00	0.0	7.093	0.004	0	0	0	6
PD.8438	PL.58100	A	20T	7.21Y	120.2	0.00	4.78	3.35	0	23	6	97	0.00	0.0	7.093	0.004	0	0	0	6
PL.58101	PD.8438	A	6 A (CWC)	7.21Y	120.2	0.01	4.79	3.35	2	23	6	97	0.00	0.0	7.187	0.093	9	2	2	6
PL.55124	PL.58101	A	6 A (CWC)	7.21Y	120.2	0.00	4.79	1.71	1	12	3	97	0.00	0.0	7.250	0.063	6	2	2	3
PL.55125	PL.55124	A	6 A (CWC)	7.21Y	120.2	0.00	4.79	0.86	1	6	2	95	0.00	0.0	7.291	0.041	6	2	1	1
PL.55123	PL.58101	A	6 A (CWC)	7.21Y	120.2	0.00	4.79	0.35	0	2	1	89	0.00	0.0	7.231	0.044	2	1	1	1
PL.59540	PL.59538	A	6 A (CWC)	7.22Y	120.3	0.00	4.70	1.86	1	13	3	97	0.00	0.0	6.996	0.004	0	0	0	2
PD.8437	PL.59540	A	15T	7.22Y	120.3	0.00	4.70	1.86	0	13	3	97	0.00	0.0	6.996	0.004	0	0	0	2
PL.58099	PD.8437	A	6 A (CWC)	7.22Y	120.3	0.00	4.70	1.86	1	13	3	97	0.00	0.0	7.081	0.086	13	3	2	2
PL.55014	PL.55013	A	#1/0 ACSR	7.23Y	120.4	0.00	4.57	1.07	0	7	2	96	0.00	0.0	6.552	0.002	0	0	0	1
PD.8159	PL.55014	A	30T	7.23Y	120.4	0.00	4.57	1.07	0	7	2	96	0.00	0.0	6.552	0.002	0	0	0	1
PL.55011	PD.8159	A	#1/0 ACSR	7.23Y	120.4	0.00	4.57	1.07	0	7	2	96	0.00	0.0	6.595	0.044	7	2	1	1
PL.46180	PL.55096	C	6 A (CWC)	7.23Y	120.5	0.00	4.51	2.71	2	19	5	97	0.00	0.0	6.298	0.001	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: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.7208	PL.46180	C	30T	7.23Y	120.5	0.00	4.51	2.71	0	19	5	97	0.00	0.0	6.298	0.001	0	0	0	3
PL.46033	PD.7208	C	6 A (CWC)	7.23Y	120.5	0.00	4.51	2.71	2	19	5	97	0.00	0.0	6.340	0.042	3	1	1	3
PL.46034	PL.46033	C	6 A (CWC)	7.23Y	120.5	0.00	4.52	2.35	2	16	4	97	0.00	0.0	6.375	0.034	0	0	0	2
PL.46217	PL.46034	C	#4 ACSR	7.23Y	120.5	0.01	4.52	1.73	1	12	3	97	0.00	0.0	6.512	0.137	12	3	1	1
PL.55091	PL.46034	C	6 A (CWC)	7.23Y	120.5	0.00	4.52	0.62	0	4	1	97	0.00	0.0	6.418	0.043	4	1	1	1
PL.57843	PL.58085	A	#2 ACSR	7.23Y	120.6	0.00	4.44	1.93	1	14	4	96	0.00	0.0	6.067	0.000	0	0	0	1
PD.7209	PL.57843	A	30T	7.23Y	120.6	0.00	4.44	1.93	0	14	4	96	0.00	0.0	6.067	0.000	0	0	0	1
PL.45435	PD.7209	A	#2 ACSR	7.23Y	120.6	0.00	4.44	1.93	1	14	4	96	0.00	0.0	6.131	0.064	14	4	1	1
PL.58087	PL.58086	C	#1/0 ACSR	7.24Y	120.6	0.00	4.41	0.60	0	4	1	97	0.00	0.0	5.954	0.001	0	0	0	1
PD.7267	PL.58087	C	30T	7.24Y	120.6	0.00	4.41	0.60	0	4	1	97	0.00	0.0	5.954	0.001	0	0	0	1
PL.55005	PD.7267	C	#1/0 ACSR	7.24Y	120.6	0.00	4.41	0.60	0	4	1	97	0.00	0.0	6.034	0.080	4	1	1	1
PL.58088	PL.58084	A	#2 ACSR	7.24Y	120.6	0.00	4.39	2.84	2	20	5	97	0.00	0.0	5.886	0.002	0	0	0	5
PD.8432	PL.58088	A	30T	7.24Y	120.6	0.00	4.39	2.84	0	20	5	97	0.00	0.0	5.886	0.002	0	0	0	5
PL.58089	PD.8432	A	#2 ACSR	7.24Y	120.6	0.00	4.39	2.84	2	20	5	97	0.00	0.0	5.886	0.000	0	0	0	5
PL.58083	PL.58089	A	#2 ACSR	7.24Y	120.6	0.00	4.39	1.51	1	11	3	96	0.00	0.0	5.950	0.064	11	3	1	1
PL.58082	PL.58089	A	#2 ACSR	7.24Y	120.6	0.00	4.39	1.33	1	9	2	98	0.00	0.0	5.921	0.035	9	2	4	4
PL.46032	PL.46031	A	#2 ACSR	7.24Y	120.6	0.00	4.36	0.25	0	2	0	100	0.00	0.0	5.793	0.001	0	0	0	1
PD.7268	PL.46032	A	30T	7.24Y	120.6	0.00	4.36	0.25	0	2	0	100	0.00	0.0	5.793	0.001	0	0	0	1
PL.45962	PD.7268	A	#2 ACSR	7.24Y	120.6	0.00	4.36	0.25	0	2	0	100	0.00	0.0	5.827	0.034	2	0	1	1
PL.53651	PL.53650	C	#2 ACSR	7.26Y	121.0	0.00	4.03	0.32	0	2	1	89	0.00	0.0	4.999	0.000	0	0	0	1
PD.7286	PL.53651	C	40T	7.26Y	121.0	0.00	4.03	0.32	0	2	1	89	0.00	0.0	4.999	0.000	0	0	0	1
PL.55325	PD.7286	C	#2 ACSR	7.26Y	121.0	0.00	4.03	0.32	0	2	1	89	0.00	0.0	5.026	0.026	2	1	1	1
PL.55337	PL.47119	C	#2 ACSR	7.26Y	121.0	0.00	3.98	0.55	0	4	1	97	0.00	0.0	4.907	0.004	0	0	0	1
PD.8189	PL.55337	C	40T	7.26Y	121.0	0.00	3.98	0.55	0	4	1	97	0.00	0.0	4.907	0.004	0	0	0	1
PL.55338	PD.8189	C	#2 ACSR	7.26Y	121.0	0.00	3.98	0.55	0	4	1	97	0.00	0.0	4.948	0.041	4	1	1	1
PL.55336	PL.47117	C	6 A (CWC)	7.26Y	121.1	0.00	3.95	5.11	4	36	9	97	0.00	0.0	4.848	0.003	0	0	0	11
PD.8188	PL.55336	C	40T	7.26Y	121.1	0.00	3.95	5.11	0	36	9	97	0.00	0.0	4.848	0.003	0	0	0	11
PL.55333	PD.8188	C	6 A (CWC)	7.26Y	121.0	0.03	3.97	5.11	4	36	9	97	0.01	0.0	4.963	0.115	0	0	0	11
PL.55334	PL.55333	C	#2 ACSR	7.26Y	121.0	0.00	3.98	0.18	0	1	0	100	0.00	0.0	5.064	0.101	1	0	1	1
PL.55335	PL.55333	C	6 A (CWC)	7.26Y	121.0	0.04	4.02	4.93	4	35	9	97	0.01	0.0	5.160	0.197	0	0	0	10
PL.55329	PL.55335	C	#4 ACSR	7.26Y	121.0	0.00	4.02	1.43	1	10	2	98	0.00	0.0	5.235	0.075	0	0	2	4

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.55331	PL.55329	C	1/0 AL URD	7.26Y	121.0	0.00	4.02	1.11	1	8	2	97	0.00	0.0	5.274	0.039	8	2	1	1
PL.55330	PL.55329	C	#4 ACSR	7.26Y	121.0	0.00	4.02	0.28	0	2	1	89	0.00	0.0	5.389	0.154	2	1	1	1
PL.55324	PL.55335	C	#4 ACSR	7.26Y	121.0	0.00	4.02	0.66	1	5	1	98	0.00	0.0	5.217	0.058	5	1	1	1
PL.47016	PL.55335	C	6 A (CWC)	7.26Y	121.0	0.01	4.03	2.85	2	20	5	97	0.00	0.0	5.234	0.074	2	0	1	5
PL.55326	PL.47016	C	#4 ACSR	7.26Y	121.0	0.01	4.04	1.91	1	14	3	98	0.00	0.0	5.322	0.089	0	0	0	3
PL.55327	PL.55326	C	#4 ACSR	7.26Y	121.0	0.00	4.04	1.92	1	14	4	96	0.00	0.0	5.367	0.045	14	4	2	2
P PL.55328	PL.55326	C	1/0 AL URD	7.26Y	121.0	-0.00	4.04	-0.03	0	0	0	100	0.00	0.0	5.387	0.064	0	0	1	1 P
PL.55332	PL.47016	C	6 A (CWC)	7.26Y	121.0	0.00	4.03	0.70	1	5	1	98	0.00	0.0	5.298	0.064	5	1	1	1
PL.47118	PL.46678	C	#4 ACSR	7.27Y	121.1	0.00	3.88	0.99	1	7	2	96	0.00	0.0	4.723	0.000	0	0	0	2
PD.7244	PL.47118	C	40T	7.27Y	121.1	0.00	3.88	0.99	0	7	2	96	0.00	0.0	4.723	0.000	0	0	0	2
PL.53544	PD.7244	C	#4 ACSR	7.27Y	121.1	0.00	3.88	0.99	1	7	2	96	0.00	0.0	4.905	0.182	7	2	2	2
PL.47115	PL.47114	A	#2 ACSR	7.27Y	121.2	0.00	3.82	1.11	1	8	2	97	0.00	0.0	4.611	0.000	0	0	0	1
PD.7214	PL.47115	A	40T	7.27Y	121.2	0.00	3.82	1.11	0	8	2	97	0.00	0.0	4.611	0.000	0	0	0	1
PL.47116	PD.7214	A	#2 ACSR	7.27Y	121.2	0.00	3.82	1.11	1	8	2	97	0.00	0.0	4.633	0.022	8	2	1	1
PL.47112	PL.46047	C	#4 ACSR	7.28Y	121.3	0.00	3.74	0.01	0	0	0	100	0.00	0.0	4.470	0.000	0	0	0	1
PD.7270	PL.47112	C	40T	7.28Y	121.3	0.00	3.74	0.01	0	0	0	100	0.00	0.0	4.470	0.000	0	0	0	1
PL.47113	PD.7270	C	#4 ACSR	7.28Y	121.3	0.00	3.74	0.01	0	0	0	100	0.00	0.0	4.515	0.045	0	0	1	1
PL.46720	PL.58021	C	6 A (CWC)	7.28Y	121.3	0.00	3.71	6.30	4	44	12	96	0.00	0.0	4.412	0.000	0	0	0	10
PD.7216	PL.46720	C	40T	7.28Y	121.3	0.00	3.71	6.30	0	44	12	96	0.00	0.0	4.412	0.000	0	0	0	10
PL.46228	PD.7216	C	6 A (CWC)	7.28Y	121.3	0.01	3.72	6.30	4	44	12	96	0.00	0.0	4.448	0.036	7	2	1	10
PL.53743	PL.46228	C	6 A (CWC)	7.28Y	121.3	0.02	3.74	5.33	4	37	10	97	0.01	0.0	4.530	0.082	3	1	1	9
PL.53744	PL.53743	C	6 A (CWC)	7.27Y	121.2	0.04	3.77	4.83	3	34	9	97	0.01	0.0	4.690	0.160	0	0	0	6
PL.60585	PL.53744	C	#2 ACSR	7.27Y	121.2	0.00	3.78	2.20	1	15	4	97	0.00	0.0	4.749	0.059	0	0	0	1
PL.60586	PL.60585	C	#1/0 ACSR	7.27Y	121.2	0.00	3.78	2.20	1	15	4	97	0.00	0.0	4.752	0.003	0	0	0	1
PD.9045	PL.60586	C	15T	7.27Y	121.2	0.00	3.78	2.20	0	15	4	97	0.00	0.0	4.752	0.003	0	0	0	1
PL.60587	PD.9045	C	#1/0 ACSR	7.27Y	121.2	0.00	3.78	2.20	1	15	4	97	0.00	0.0	4.776	0.024	15	4	1	1
PL.45137	PL.53744	C	#2 ACSR	7.27Y	121.2	0.00	3.77	0.22	0	1	1	71	0.00	0.0	4.917	0.228	1	1	1	1
PL.59707	PL.53744	C	6 A (CWC)	7.27Y	121.2	0.01	3.78	2.41	2	17	4	97	0.00	0.0	4.765	0.075	0	0	0	4
PL.59708	PL.59707	C	6 A (CWC)	7.27Y	121.2	0.00	3.78	1.18	1	8	2	97	0.00	0.0	4.852	0.088	7	2	1	3
PL.46725	PL.59708	C	6 A (CWC)	7.27Y	121.2	0.00	3.78	0.14	0	1	0	100	0.00	0.0	4.867	0.015	0	0	0	2
PL.46724	PL.46725	C	6 A (CWC)	7.27Y	121.2	0.00	3.78	0.14	0	1	0	100	0.00	0.0	4.930	0.063	1	0	2	2

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.59709	PL.59707	C	6 A (CWC)	7.27Y	121.2	0.00	3.78	1.23	1	9	2	98	0.00	0.0	4.766	0.002	0	0	0	1
PD.8827	PL.59709	C	15T	7.27Y	121.2	0.00	3.78	1.23	0	9	2	98	0.00	0.0	4.766	0.002	0	0	0	1
PL.59710	PD.8827	C	6 A (CWC)	7.27Y	121.2	0.00	3.78	1.23	1	9	2	98	0.00	0.0	4.843	0.077	9	2	1	1
PL.53745	PL.53743	C	#4 ACSR	7.28Y	121.3	0.00	3.74	0.15	0	1	0	100	0.00	0.0	4.557	0.027	1	0	2	2
PL.46697	PL.46696	C	6 A (CWC)	7.29Y	121.6	0.00	3.43	2.20	2	16	4	97	0.00	0.0	4.042	0.000	0	0	0	2
PD.7245	PL.46697	C	40T	7.29Y	121.6	0.00	3.43	2.20	0	16	4	97	0.00	0.0	4.042	0.000	0	0	0	2
PL.46780	PD.7245	C	6 A (CWC)	7.29Y	121.6	0.00	3.44	2.20	2	16	4	97	0.00	0.0	4.086	0.045	16	4	2	2
PL.53646	PL.62445	A	6 A (CWC)	7.30Y	121.6	0.00	3.38	2.30	2	16	4	97	0.00	0.0	3.987	0.000	0	0	0	2
PD.7925	PL.53646	A	40T	7.30Y	121.6	0.00	3.38	2.30	0	16	4	97	0.00	0.0	3.987	0.000	0	0	0	2
PL.53647	PD.7925	A	#1/0 ACSR	7.30Y	121.6	0.00	3.38	2.30	1	16	4	97	0.00	0.0	4.027	0.040	7	2	1	2
PL.53648	PL.53647	A	#1/0 ACSR	7.30Y	121.6	0.00	3.39	1.28	1	9	2	98	0.00	0.0	4.124	0.098	0	0	0	1
PL.53783	PL.53648	A	1/0 AL URD	7.30Y	121.6	0.00	3.39	1.28	1	9	2	98	0.00	0.0	4.199	0.075	9	2	1	1
PL.62447	PL.62446	C	#1/0 ACSR	7.30Y	121.7	0.00	3.32	4.72	2	33	9	96	0.00	0.0	3.922	0.001	0	0	0	3
PD.9341	PL.62447	C	40T	7.30Y	121.7	0.00	3.32	4.72	0	33	9	96	0.00	0.0	3.922	0.001	0	0	0	3
PL.62443	PD.9341	C	#4 ACSR	7.30Y	121.7	0.00	3.32	0.97	1	7	2	96	0.00	0.0	3.985	0.062	7	2	1	1
PL.62441	PD.9341	C	#1/0 ACSR	7.30Y	121.7	0.00	3.32	3.75	2	27	7	97	0.00	0.0	3.957	0.035	9	2	1	2
PL.62442	PL.62441	C	#1/0 ACSR	7.30Y	121.7	0.00	3.32	2.48	1	18	5	96	0.00	0.0	4.011	0.054	18	5	1	1
PL.59160	PL.59159	C	#1/0 ACSR	7.30Y	121.7	0.00	3.28	1.11	0	8	2	97	0.00	0.0	3.885	0.002	0	0	0	1
PD.8764	PL.59160	C	20T	7.30Y	121.7	0.00	3.28	1.11	0	8	2	97	0.00	0.0	3.885	0.002	0	0	0	1
PL.59161	PD.8764	C	#1/0 ACSR	7.30Y	121.7	0.00	3.28	1.11	0	8	2	97	0.00	0.0	3.930	0.045	8	2	1	1
PL.46683	PL.46390	ABC	336 MCM AC	7.32Y	121.9	0.09	3.06	207.36	40	4354	1338	96	2.15	0.0	3.640	0.060	6	1	1	512
PL.46684	PL.46683	ABC	336 MCM AC	7.31Y	121.8	0.18	3.24	207.09	40	4346	1331	96	4.13	0.1	3.755	0.114	0	0	0	511
PL.58131	PL.46684	C	#2 ACSR	7.31Y	121.8	0.00	3.24	1.60	1	11	3	96	0.00	0.0	3.757	0.002	0	0	0	1
PD.8454	PL.58131	C	25T	7.31Y	121.8	0.00	3.24	1.60	0	11	3	96	0.00	0.0	3.757	0.002	0	0	0	1
PL.58132	PD.8454	C	#2 ACSR	7.31Y	121.8	0.00	3.24	1.60	1	11	3	96	0.00	0.0	3.787	0.031	11	3	1	1
PL.58129	PL.46684	A	6 A (CWC)	7.31Y	121.8	0.00	3.24	9.78	7	69	18	97	0.00	0.0	3.757	0.003	0	0	0	9
PD.8453	PL.58129	A	50T	7.31Y	121.8	0.00	3.24	9.78	0	69	18	97	0.00	0.0	3.757	0.003	0	0	0	9
PL.58130	PD.8453	A	6 A (CWC)	7.30Y	121.7	0.03	3.27	9.78	7	69	18	97	0.01	0.0	3.819	0.061	3	1	1	9
PL.58127	PL.58130	A	6 A (CWC)	7.30Y	121.7	0.02	3.29	7.69	5	54	14	97	0.01	0.0	3.875	0.056	14	4	3	7
PL.46550	PL.58127	A	6 A (CWC)	7.30Y	121.7	0.01	3.30	5.69	4	40	10	97	0.00	0.0	3.919	0.044	23	6	2	4
PL.46718	PL.46550	A	6 A (CWC)	7.30Y	121.7	0.00	3.30	2.38	2	17	4	97	0.00	0.0	3.971	0.052	5	1	1	2

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46719	PL.46718	A	6 A (CWC)	7.30Y	121.7	0.00	3.30	1.62	1	11	3	96	0.00	0.0	3.996	0.025	0	0	0	1
PL.46409	PL.46719	A	#2 ACSR	7.30Y	121.7	0.00	3.30	1.62	1	11	3	96	0.00	0.0	4.020	0.024	11	3	1	1
PL.58128	PL.58130	A	6 A (CWC)	7.30Y	121.7	0.00	3.27	1.67	1	12	3	97	0.00	0.0	3.866	0.047	12	3	1	1
PL.47039	PL.46684	ABC	336 MCM AC	7.30Y	121.7	0.08	3.32	203.30	39	4262	1300	96	1.82	0.0	3.807	0.052	9	2	1	501
PL.58135	PL.47039	C	#4 ACSR	7.30Y	121.7	0.00	3.32	33.80	26	239	62	97	0.00	0.0	3.807	0.000	0	0	0	35
PD.8455	PL.58135	C	65T	7.30Y	121.7	0.00	3.32	33.80	0	239	62	97	0.00	0.0	3.807	0.000	0	0	0	35
PL.58136	PD.8455	C	#4 ACSR	7.30Y	121.6	0.08	3.41	33.80	26	239	62	97	0.15	0.1	3.863	0.056	0	0	0	35
PL.58134	PL.58136	C	#4 ACSR	7.30Y	121.6	0.00	3.41	1.03	1	7	2	96	0.00	0.0	3.885	0.022	7	2	1	1
PL.58133	PL.58136	C	#4 ACSR	7.29Y	121.5	0.10	3.50	32.77	25	231	60	97	0.17	0.1	3.929	0.066	0	0	0	34
PL.53572	PL.58133	C	#4 ACSR	7.29Y	121.5	0.01	3.51	2.48	2	18	5	96	0.00	0.0	3.994	0.065	8	2	1	4
PL.53575	PL.53572	C	#4 ACSR	7.29Y	121.5	0.00	3.51	1.31	1	9	2	98	0.00	0.0	4.009	0.016	9	2	3	3
PL.53031	PL.58133	C	#4 ACSR	7.29Y	121.5	0.04	3.54	30.28	23	214	56	97	0.06	0.0	3.956	0.027	12	3	3	30
PL.64736	PL.53031	C	#4 ACSR	7.28Y	121.4	0.06	3.60	24.66	19	174	45	97	0.08	0.0	4.017	0.061	35	9	6	25
PL.64735	PL.64736	C	#4 ACSR	7.28Y	121.4	0.03	3.63	19.68	15	139	36	97	0.03	0.0	4.050	0.033	13	3	1	19
PL.53570	PL.64735	C	#4 ACSR	7.28Y	121.4	0.00	3.63	1.40	1	10	3	96	0.00	0.0	4.082	0.032	0	0	0	3
PL.53571	PL.53570	C	#4 ACSR	7.28Y	121.4	0.00	3.63	1.40	1	10	3	96	0.00	0.0	4.137	0.055	1	0	2	3
PL.53030	PL.53571	C	#4 ACSR	7.28Y	121.4	0.00	3.63	1.27	1	9	2	98	0.00	0.0	4.178	0.040	9	2	1	1
PL.53546	PL.64735	C	#4 ACSR	7.28Y	121.3	0.03	3.66	16.45	13	116	30	97	0.02	0.0	4.096	0.045	36	9	5	15
PL.53545	PL.53546	C	#4 ACSR	7.28Y	121.3	0.00	3.66	1.76	1	12	3	97	0.00	0.0	4.111	0.016	12	3	1	1
PL.53930	PL.53546	C	#4 ACSR	7.28Y	121.3	0.02	3.68	9.62	7	68	18	97	0.01	0.0	4.157	0.061	22	6	3	9
PL.53931	PL.53930	C	#4 ACSR	7.28Y	121.3	0.00	3.68	1.57	1	11	3	96	0.00	0.0	4.199	0.043	11	3	2	2
PL.53929	PL.53930	C	#4 ACSR	7.28Y	121.3	0.00	3.68	4.95	4	35	9	97	0.00	0.0	4.185	0.028	21	6	2	4
PL.56738	PL.53929	C	#4 ACSR	7.28Y	121.3	0.01	3.69	1.94	1	14	4	96	0.00	0.0	4.265	0.080	8	2	1	2
PL.56737	PL.56738	C	#4 ACSR	7.28Y	121.3	0.00	3.69	0.87	1	6	2	95	0.00	0.0	4.317	0.052	6	2	1	1
PL.53033	PL.53031	C	#4 ACSR	7.29Y	121.5	0.00	3.54	3.96	3	28	7	97	0.00	0.0	3.976	0.021	0	0	0	2
PL.53032	PL.53033	C	#4 ACSR	7.29Y	121.5	0.00	3.55	3.96	3	28	7	97	0.00	0.0	4.007	0.030	17	4	1	2
PL.53029	PL.53032	C	#4 ACSR	7.29Y	121.5	0.00	3.55	1.55	1	11	3	96	0.00	0.0	4.059	0.052	11	3	1	1
PL.47043	PL.47039	ABC	336 MCM AC	7.30Y	121.6	0.05	3.37	191.61	37	4012	1232	96	1.00	0.0	3.839	0.033	21	5	2	465
PL.46045	PL.47043	ABC	336 MCM AC	7.29Y	121.5	0.09	3.46	190.62	37	3990	1224	96	1.86	0.0	3.900	0.061	0	0	0	463
PL.46046	PL.46045	ABC	336 MCM AC	7.29Y	121.5	0.08	3.54	190.29	37	3981	1218	96	1.69	0.0	3.956	0.055	0	0	0	458
PL.58141	PL.46046	A	#2 ACSR	7.29Y	121.5	0.00	3.54	2.35	1	17	4	97	0.00	0.0	3.958	0.003	0	0	0	2

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Balanced Voltage Drop Report  
Source: Campground

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

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
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PD.8457	PL.58141	A	25T	7.29Y	121.5	0.00	3.54	2.35	0	17	4	97	0.00	0.0	3.958	0.003	0	0	0	2
PL.58142	PD.8457	A	#2 ACSR	7.29Y	121.5	0.00	3.54	2.35	1	17	4	97	0.00	0.0	3.982	0.024	17	4	2	2
PL.58145	PL.46046	ABC	336 MCM AC	7.28Y	121.4	0.10	3.64	188.40	36	3939	1203	96	2.03	0.1	4.024	0.068	3	1	1	453
PL.57648	PL.58145	C	6 A (CWC)	7.28Y	121.4	0.00	3.64	2.99	2	21	5	97	0.00	0.0	4.026	0.003	0	0	0	2
PD.8459	PL.57648	C	25T	7.28Y	121.4	0.00	3.64	2.99	0	21	5	97	0.00	0.0	4.026	0.003	0	0	0	2
PL.57649	PD.8459	C	6 A (CWC)	7.28Y	121.4	0.00	3.64	2.99	2	21	5	97	0.00	0.0	4.094	0.068	21	5	2	2
PL.57650	PL.58145	ABC	336 MCM AC	7.28Y	121.3	0.10	3.74	187.24	36	3913	1192	96	2.00	0.1	4.091	0.068	0	0	0	450
PD.8460-A	PL.57650	ABC	Closed	7.28Y	121.3	0.00	3.74	187.24	0	3911	1188	96	0.00	0.0	4.091	0.068	0	0	0	450
PD.8460-B	PD.8460-A	ABC	Closed	7.28Y	121.3	0.00	3.74	187.24	0	3911	1188	96	0.00	0.0	4.091	0.068	0	0	0	450
PL.57651	PD.8460-B	ABC	336 MCM AC	7.27Y	121.2	0.09	3.83	187.24	36	3911	1188	96	1.83	0.0	4.154	0.062	0	0	0	450
PL.53733	PL.57651	A	1/0 AL URD	7.27Y	121.2	0.01	3.84	4.73	3	33	8	97	0.00	0.0	4.261	0.108	15	4	1	2
PL.53637	PL.53733	A	1/0 AL URD	7.27Y	121.2	0.00	3.84	2.63	2	19	5	97	0.00	0.0	4.314	0.052	19	5	1	1
PL.57652	PL.57651	C	#4 ACSR	7.27Y	121.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	4.156	0.002	0	0	0	0
PD.8461	PL.57652	C	25T	7.27Y	121.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	4.156	0.002	0	0	0	0
PL.57653	PD.8461	C	#4 ACSR	7.27Y	121.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	4.210	0.054	0	0	0	0
PL.53732	PL.57651	ABC	336 MCM AC	7.27Y	121.1	0.08	3.91	185.67	36	3875	1175	96	1.72	0.0	4.213	0.059	0	0	0	448
PL.57654	PL.53732	A	#2 ACSR	7.27Y	121.1	0.00	3.91	1.51	1	11	3	96	0.00	0.0	4.215	0.003	0	0	0	1
PD.8462	PL.57654	A	25T	7.27Y	121.1	0.00	3.91	1.51	0	11	3	96	0.00	0.0	4.215	0.003	0	0	0	1
PL.57655	PD.8462	A	#2 ACSR	7.27Y	121.1	0.00	3.91	1.51	1	11	3	96	0.00	0.0	4.253	0.038	11	3	1	1
PL.45138	PL.53732	ABC	336 MCM AC	7.26Y	121.0	0.05	3.96	185.17	36	3863	1168	96	1.04	0.0	4.249	0.036	0	0	0	447
PL.64877	PL.45138	ABC	336 MCM AC	7.26Y	120.9	0.09	4.06	185.17	36	3862	1166	96	1.93	0.1	4.316	0.067	0	0	0	447
PL.64878	PL.64877	ABC	336 MCM AC	7.26Y	120.9	0.02	4.07	185.17	36	3860	1161	96	0.34	0.0	4.327	0.012	0	0	0	447
PL.60348	PL.64878	C	6 A (CWC)	7.26Y	120.9	0.00	4.07	3.46	2	24	6	97	0.00	0.0	4.329	0.002	0	0	0	3
PD.8464	PL.60348	C	50T	7.26Y	120.9	0.00	4.07	3.46	0	24	6	97	0.00	0.0	4.329	0.002	0	0	0	3
PL.58149	PD.8464	C	6 A (CWC)	7.26Y	120.9	0.01	4.08	3.46	2	24	6	97	0.00	0.0	4.377	0.047	0	0	0	3
PL.58148	PL.58149	C	6 A (CWC)	7.25Y	120.9	0.01	4.09	1.95	1	14	4	96	0.00	0.0	4.497	0.120	14	4	1	1
PL.58147	PL.58149	C	#4 ACSR	7.26Y	120.9	0.00	4.08	1.51	1	11	3	96	0.00	0.0	4.475	0.099	11	3	2	2
PL.60281	PL.64878	ABC	336 MCM AC	7.25Y	120.9	0.05	4.12	184.01	35	3836	1154	96	0.98	0.0	4.362	0.035	0	0	0	444
PL.46044	PL.60281	ABC	336 MCM AC	7.25Y	120.9	0.01	4.13	184.01	35	3835	1152	96	0.15	0.0	4.367	0.005	0	0	0	444
PL.57634	PL.46044	ABC	#2 ACSR	7.25Y	120.9	0.02	4.15	9.66	6	191	88	91	0.03	0.0	4.441	0.073	0	0	0	2
PL.62972	PL.57634	B	#1/0 ACSR	7.25Y	120.9	0.00	4.15	1.82	1	13	3	97	0.00	0.0	4.443	0.002	0	0	0	1

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.9402	PL.62972	B	20QA	7.25Y	120.9	0.00	4.15	1.82	9	13	3	97	0.00	0.0	4.443	0.002	0	0	0	1
PL.62971	PD.9402	B	#1/0 ACSR	7.25Y	120.9	0.00	4.15	1.82	1	13	3	97	0.00	0.0	4.479	0.036	13	3	1	1
PL.57635	PL.57634	ABC	#2 ACSR	7.25Y	120.8	0.02	4.16	9.06	5	178	85	90	0.03	0.0	4.517	0.076	0	0	0	1
PL.58150	PL.57635	ABC	1/0 AL URD	7.25Y	120.8	0.00	4.16	9.06	5	178	85	90	0.00	0.0	4.520	0.003	0	0	0	1
PD.8465	PL.58150	ABC	20	7.25Y	120.8	0.00	4.16	9.06	15	178	85	90	0.00	0.0	4.520	0.003	0	0	0	1
PL.58151	PD.8465	ABC	1/0 AL URD	7.25Y	120.8	0.01	4.18	9.06	5	178	85	90	0.01	0.0	4.659	0.139	178	86	1	1
PL.46828	PL.46044	ABC	336 MCM AC	7.25Y	120.8	0.06	4.19	174.46	34	3644	1064	96	1.23	0.0	4.415	0.048	10	3	1	442
PL.60364	PL.46828	ABC	336 MCM AC	7.24Y	120.7	0.06	4.25	173.98	34	3632	1058	96	1.18	0.0	4.462	0.046	0	0	0	441
PL.60365	PL.60364	ABC	336 MCM AC	7.24Y	120.7	0.00	4.26	173.98	34	3631	1056	96	0.09	0.0	4.465	0.003	0	0	0	441
PD.8466	PL.60365	ABC	560VWE	7.24Y	120.7	0.00	4.26	173.98	0	3631	1055	96	0.00	0.0	4.465	0.003	0	0	0	441
PL.58152	PD.8466	ABC	336 MCM AC	7.24Y	120.7	0.05	4.31	173.98	34	3631	1055	96	1.00	0.0	4.504	0.039	0	0	0	441
PL.47121	PL.58152	ABC	336 MCM AC	7.23Y	120.6	0.12	4.43	169.96	33	3545	1031	96	2.34	0.1	4.600	0.096	0	0	0	432
PL.58155	PL.47121	C	#4 ACSR	7.23Y	120.6	0.00	4.43	2.81	2	20	5	97	0.00	0.0	4.603	0.003	0	0	0	3
PD.8468	PL.58155	C	50T	7.23Y	120.6	0.00	4.43	2.81	0	20	5	97	0.00	0.0	4.603	0.003	0	0	0	3
PL.58156	PD.8468	C	#4 ACSR	7.23Y	120.6	0.01	4.44	2.81	2	20	5	97	0.00	0.0	4.664	0.061	3	1	1	3
PL.58153	PL.58156	C	#1/0 ACSR	7.23Y	120.6	0.00	4.44	2.39	1	17	4	97	0.00	0.0	4.779	0.115	10	3	1	2
PL.60576	PL.58153	C	#1/0 ACSR	7.23Y	120.6	0.00	4.44	1.01	0	7	2	96	0.00	0.0	4.896	0.117	7	2	1	1
PL.46787	PL.47121	ABC	336 MCM AC	7.23Y	120.5	0.07	4.50	167.98	32	3502	1015	96	1.37	0.0	4.658	0.058	0	0	0	426
PL.46788	PL.46787	ABC	336 MCM AC	7.22Y	120.4	0.09	4.59	167.98	32	3500	1012	96	1.61	0.0	4.726	0.068	16	4	5	426
PL.58158	PL.46788	A	#4 ACSR	7.22Y	120.4	0.00	4.59	2.35	2	16	4	97	0.00	0.0	4.728	0.002	0	0	0	3
PD.8469	PL.58158	A	50T	7.22Y	120.4	0.00	4.59	2.35	0	16	4	97	0.00	0.0	4.728	0.002	0	0	0	3
PL.58159	PD.8469	A	#4 ACSR	7.22Y	120.4	0.00	4.59	2.35	2	16	4	97	0.00	0.0	4.742	0.013	1	0	1	3
PL.58157	PL.58159	A	#4 ACSR	7.22Y	120.4	0.00	4.59	2.26	2	16	4	97	0.00	0.0	4.775	0.034	9	2	1	2
PL.47122	PL.58157	A	#4 ACSR	7.22Y	120.4	0.00	4.59	0.94	1	7	2	96	0.00	0.0	4.799	0.024	7	2	1	1
PL.58160	PL.46788	C	6 A (CWC)	7.22Y	120.4	0.00	4.59	11.41	8	80	21	97	0.00	0.0	4.728	0.002	0	0	0	14
PD.8470	PL.58160	C	50T	7.22Y	120.4	0.00	4.59	11.41	0	80	21	97	0.00	0.0	4.728	0.002	0	0	0	14
PL.58161	PD.8470	C	6 A (CWC)	7.22Y	120.4	0.03	4.62	11.41	8	80	21	97	0.02	0.0	4.787	0.059	12	3	2	14
PL.61067	PL.58161	C	6 A (CWC)	7.22Y	120.3	0.04	4.65	9.73	7	68	18	97	0.02	0.0	4.867	0.080	0	0	0	12
PL.61068	PL.61067	C	#2 ACSR	7.22Y	120.3	0.00	4.66	0.42	0	3	1	95	0.00	0.0	4.916	0.049	3	1	1	1
PL.61069	PL.61067	C	6 A (CWC)	7.22Y	120.3	0.02	4.68	7.03	5	49	13	97	0.01	0.0	4.940	0.072	0	0	0	8
PL.64411	PL.61069	C	#4 ACSR	7.22Y	120.3	0.00	4.68	1.99	2	14	4	96	0.00	0.0	4.979	0.040	0	0	1	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: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.64412	PL.64411	C	#4 ACSR	7.22Y	120.3	0.00	4.68	1.97	2	14	4	96	0.00	0.0	4.996	0.016	0	0	0	2
PL.64343	PL.64412	C	#4 ACSR	7.22Y	120.3	0.00	4.68	1.97	2	14	4	96	0.00	0.0	4.996	0.000	0	0	0	2
PL.64344	PL.64343	C	#4 ACSR	7.22Y	120.3	0.00	4.68	1.97	2	14	4	96	0.00	0.0	5.021	0.026	6	2	1	2
PL.53554	PL.64344	C	#4 ACSR	7.22Y	120.3	0.00	4.69	1.11	1	8	2	97	0.00	0.0	5.048	0.026	8	2	1	1
PL.61070	PL.61069	C	6 A (CWC)	7.22Y	120.3	0.00	4.68	3.52	3	25	6	97	0.00	0.0	4.943	0.003	0	0	0	4
PD.9075	PL.61070	C	40T	7.22Y	120.3	0.00	4.68	3.52	0	25	6	97	0.00	0.0	4.943	0.003	0	0	0	4
PL.61071	PD.9075	C	6 A (CWC)	7.22Y	120.3	0.02	4.70	3.52	3	25	6	97	0.00	0.0	5.083	0.140	0	0	0	4
PL.53934	PL.61071	C	6 A (CWC)	7.22Y	120.3	0.01	4.71	0.79	1	6	1	99	0.00	0.0	5.569	0.486	6	1	1	1
PL.53935	PL.53934	C	6 A (CWC)	7.22Y	120.3	0.00	4.71	0.00	0	0	0	100	0.00	0.0	5.691	0.122	0	0	0	0
PL.53555	PL.61071	C	#4 ACSR	7.22Y	120.3	0.01	4.71	2.72	2	19	5	97	0.00	0.0	5.171	0.088	8	2	1	3
PL.53556	PL.53555	C	#4 ACSR	7.22Y	120.3	0.00	4.71	1.63	1	11	3	96	0.00	0.0	5.235	0.064	11	3	2	2
PL.61072	PL.61069	C	#4 ACSR	7.22Y	120.3	0.00	4.68	1.52	1	11	3	96	0.00	0.0	4.943	0.003	0	0	0	1
PD.9076	PL.61072	C	40T	7.22Y	120.3	0.00	4.68	1.52	0	11	3	96	0.00	0.0	4.943	0.003	0	0	0	1
PL.61073	PD.9076	C	#4 ACSR	7.22Y	120.3	0.00	4.68	1.52	1	11	3	96	0.00	0.0	4.986	0.043	11	3	1	1
PL.61065	PL.61067	C	#2 ACSR	7.22Y	120.3	0.00	4.66	2.26	1	16	4	97	0.00	0.0	4.898	0.031	16	4	2	2
PL.61066	PL.61067	C	#4 ACSR	7.22Y	120.3	0.00	4.65	0.03	0	0	0	100	0.00	0.0	4.918	0.051	0	0	1	1
PL.62264	PL.46788	ABC	336 MCM AC	7.22Y	120.3	0.10	4.69	162.63	31	3386	979	96	1.84	0.1	4.809	0.083	0	0	0	404
PL.62263	PL.62264	B	#1/0 ACSR	7.22Y	120.3	0.03	4.72	46.73	20	326	85	97	0.07	0.0	4.837	0.028	0	0	0	45
PD.9050	PL.62263	B	70L	7.22Y	120.3	0.00	4.72	46.73	67	326	85	97	0.00	0.0	4.837	0.028	0	0	0	45
PL.59994	PD.9050	B	6 A (CWC)	7.22Y	120.3	0.00	4.72	2.79	2	19	5	97	0.00	0.0	4.842	0.006	19	5	1	1
PL.59995	PD.9050	B	6 A (CWC)	7.20Y	120.1	0.21	4.93	43.94	31	307	80	97	0.49	0.2	4.942	0.105	0	0	0	44
PD.9051-A	PL.59995	B	Closed	7.20Y	120.1	0.00	4.93	43.94	0	306	80	97	0.00	0.0	4.942	0.105	0	0	0	44
PD.9051-B	PD.9051-A	B	Closed	7.20Y	120.1	0.00	4.93	43.94	0	306	80	97	0.00	0.0	4.942	0.105	0	0	0	44
PL.59993	PD.9051-B	B	6 A (CWC)	7.20Y	120.1	0.01	4.94	43.94	31	306	80	97	0.01	0.0	4.945	0.003	0	0	0	44
PL.60357	PL.59993	B	6 A (CWC)	7.18Y	119.7	0.39	5.33	40.09	29	279	73	97	0.83	0.3	5.158	0.214	0	0	0	39
PL.60356	PL.60357	B	#4 ACSR	7.18Y	119.7	0.00	5.33	0.00	0	0	0	100	0.00	0.0	5.208	0.049	0	0	0	0
PL.60360	PL.60357	B	6 A (CWC)	7.17Y	119.4	0.23	5.56	40.09	29	279	72	97	0.49	0.2	5.284	0.126	3	1	1	39
PL.60358	PL.60360	B	6 A (CWC)	7.17Y	119.4	0.02	5.57	11.77	8	82	21	97	0.01	0.0	5.325	0.041	29	8	2	10
PL.58223	PL.60358	B	6 A (CWC)	7.17Y	119.4	0.00	5.58	7.59	5	53	13	97	0.00	0.0	5.328	0.003	0	0	0	8
PD.8473	PL.58223	B	30T	7.17Y	119.4	0.00	5.58	7.59	0	53	13	97	0.00	0.0	5.328	0.003	0	0	0	8
PL.58224	PD.8473	B	6 A (CWC)	7.16Y	119.4	0.02	5.59	7.59	5	53	13	97	0.01	0.0	5.384	0.055	3	1	1	8

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.53550	PL.58224	B	6 A (CWC)	7.16Y	119.4	0.00	5.60	2.39	2	17	4	97	0.00	0.0	5.419	0.035	6	2	1	2
PL.53551	PL.53550	B	1/0 AL URD	7.16Y	119.4	0.00	5.60	1.50	1	10	2	98	0.00	0.0	5.494	0.076	10	3	1	1
PL.44967	PL.58224	B	#2 ACSR	7.16Y	119.4	0.00	5.60	1.92	1	13	3	97	0.00	0.0	5.441	0.057	7	2	1	2
PL.53569	PL.44967	B	#1/0 ACSR	7.16Y	119.4	0.00	5.60	0.98	0	7	2	96	0.00	0.0	5.486	0.045	7	2	1	1
PL.53549	PL.58224	B	#4 ACSR	7.16Y	119.4	0.01	5.60	2.79	2	19	5	97	0.00	0.0	5.498	0.114	18	5	1	3
PL.53548	PL.53549	B	#4 ACSR	7.16Y	119.4	0.00	5.60	0.19	0	1	0	100	0.00	0.0	5.530	0.032	1	0	2	2
PL.53547	PL.53548	B	#4 ACSR	7.16Y	119.4	0.00	5.60	0.00	0	0	0	100	0.00	0.0	5.569	0.039	0	0	0	0
PL.60359	PL.60360	B	6 A (CWC)	7.16Y	119.3	0.12	5.67	27.94	20	194	51	97	0.17	0.1	5.380	0.096	17	5	2	28
PL.44968	PL.60359	B	#4 ACSR	7.16Y	119.3	0.00	5.67	0.72	1	5	1	98	0.00	0.0	5.422	0.041	5	1	1	1
PL.53742	PL.60359	B	6 A (CWC)	7.15Y	119.2	0.10	5.77	24.71	18	171	45	97	0.13	0.1	5.475	0.095	19	5	4	25
PL.57594	PL.53742	B	#4 ACSR	7.15Y	119.2	0.00	5.78	1.80	1	12	3	97	0.00	0.0	5.523	0.048	7	2	1	2
PL.57595	PL.57594	B	#4 ACSR	7.15Y	119.2	0.00	5.78	0.77	1	5	1	98	0.00	0.0	5.577	0.054	5	1	1	1
PL.60361	PL.53742	B	6 A (CWC)	7.15Y	119.2	0.04	5.81	20.21	14	140	36	97	0.04	0.0	5.515	0.040	0	0	0	19
PL.60362	PL.60361	B	#1/0 ACSR	7.15Y	119.2	0.00	5.81	1.54	1	11	3	96	0.00	0.0	5.518	0.003	0	0	0	3
PD.8474	PL.60362	B	30T	7.15Y	119.2	0.00	5.81	1.54	0	11	3	96	0.00	0.0	5.518	0.003	0	0	0	3
PL.58225	PD.8474	B	#1/0 ACSR	7.15Y	119.2	0.00	5.81	1.54	1	11	3	96	0.00	0.0	5.585	0.067	11	3	3	3
PL.60363	PL.60361	B	6 A (CWC)	7.15Y	119.2	0.00	5.81	18.67	13	129	34	97	0.00	0.0	5.518	0.003	0	0	0	16
PD.8491	PL.60363	B	30T	7.15Y	119.2	0.00	5.81	18.67	0	129	34	97	0.00	0.0	5.518	0.003	0	0	0	16
PL.58226	PD.8491	B	6 A (CWC)	7.15Y	119.1	0.04	5.85	18.67	13	129	34	97	0.04	0.0	5.568	0.050	8	2	1	16
PL.53740	PL.58226	B	6 A (CWC)	7.15Y	119.1	0.06	5.91	13.87	10	96	25	97	0.04	0.0	5.670	0.102	17	4	3	12
PL.47032	PL.53740	B	#4 ACSR	7.15Y	119.1	0.00	5.91	1.51	1	10	3	96	0.00	0.0	5.707	0.037	10	3	1	1
PL.53932	PL.53740	B	6 A (CWC)	7.14Y	119.1	0.02	5.94	5.21	4	36	9	97	0.01	0.0	5.774	0.104	4	1	1	4
PL.53933	PL.53932	B	6 A (CWC)	7.14Y	119.1	0.01	5.95	4.65	3	32	8	97	0.00	0.0	5.837	0.063	0	0	0	3
PL.45107	PL.53933	B	#4 ACSR	7.14Y	119.0	0.00	5.95	1.69	1	12	3	97	0.00	0.0	5.871	0.034	12	3	1	1
PL.46522	PL.53933	B	6 A (CWC)	7.14Y	119.1	0.00	5.95	0.00	0	0	0	100	0.00	0.0	5.840	0.003	0	0	0	0
PD.7307-B	PL.46522	B	Open	7.14Y	119.1	0.00	5.95	0.00	0	0	0	100	0.00	0.0	5.840	0.003	0	0	0	0
PL.46526	PL.53933	B	#4 ACSR	7.14Y	119.0	0.01	5.96	2.96	2	20	5	97	0.00	0.0	5.946	0.109	20	5	2	2
PL.53736	PL.53740	B	#4 ACSR	7.14Y	119.1	0.00	5.92	4.67	4	32	8	97	0.00	0.0	5.695	0.025	15	4	2	4
PL.53781	PL.53736	B	#4 ACSR	7.14Y	119.1	0.00	5.92	1.58	1	11	3	96	0.00	0.0	5.805	0.111	11	3	1	1
PL.53737	PL.53736	B	#4 ACSR	7.14Y	119.1	0.00	5.92	0.90	1	6	2	95	0.00	0.0	5.741	0.046	6	2	1	1
PL.53741	PL.58226	B	#4 ACSR	7.15Y	119.1	0.01	5.86	3.59	3	25	6	97	0.00	0.0	5.630	0.062	14	4	2	3

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.53738	PL.53741	B	#4 ACSR	7.15Y	119.1	0.00	5.86	1.54	1	11	3	96	0.00	0.0	5.652	0.022	0	0	0	1
PL.53739	PL.53738	B	#4 ACSR	7.15Y	119.1	0.00	5.86	1.54	1	11	3	96	0.00	0.0	5.667	0.014	11	3	1	1
PL.58163	PL.59993	B	#4 ACSR	7.20Y	120.1	0.00	4.94	3.86	3	27	7	97	0.00	0.0	4.949	0.004	0	0	0	5
PD.8472	PL.58163	B	30T	7.20Y	120.1	0.00	4.94	3.86	0	27	7	97	0.00	0.0	4.949	0.004	0	0	0	5
PL.58164	PD.8472	B	#4 ACSR	7.20Y	120.1	0.01	4.94	3.86	3	27	7	97	0.00	0.0	4.988	0.039	7	2	2	5
PL.46346	PL.58164	B	#4 ACSR	7.20Y	120.0	0.01	4.95	2.86	2	20	5	97	0.00	0.0	5.075	0.087	14	4	2	3
PL.46347	PL.46346	B	#4 ACSR	7.20Y	120.0	0.00	4.95	0.84	1	6	2	95	0.00	0.0	5.140	0.065	6	2	1	1
PL.62262	PL.62264	C	6 A (CWC)	7.22Y	120.3	0.00	4.69	0.00	0	0	0	100	0.00	0.0	4.811	0.003	0	0	0	1
PD.8471	PL.62262	C	40T	7.22Y	120.3	0.00	4.69	0.00	0	0	0	100	0.00	0.0	4.811	0.003	0	0	0	1
PL.58162	PD.8471	C	6 A (CWC)	7.22Y	120.3	0.00	4.69	0.00	0	0	0	100	0.00	0.0	4.948	0.137	0	0	1	1
PL.62261	PL.62264	ABC	336 MCM AC	7.21Y	120.2	0.08	4.77	147.05	28	3058	889	96	1.34	0.0	4.883	0.074	13	3	2	358
PL.53936	PL.62261	ABC	336 MCM AC	7.21Y	120.2	0.06	4.83	146.42	28	3043	882	96	0.95	0.0	4.935	0.053	0	0	0	356
PL.58227	PL.53936	C	#4 ACSR	7.21Y	120.2	0.00	4.83	1.62	1	11	3	96	0.00	0.0	4.938	0.003	0	0	0	1
PD.8492	PL.58227	C	20T	7.21Y	120.2	0.00	4.83	1.62	0	11	3	96	0.00	0.0	4.938	0.003	0	0	0	1
PL.58228	PD.8492	C	#4 ACSR	7.21Y	120.2	0.00	4.83	1.62	1	11	3	96	0.00	0.0	4.990	0.052	11	3	1	1
PL.60449	PL.53936	ABC	336 MCM AC	7.21Y	120.1	0.02	4.85	145.73	28	3028	876	96	0.35	0.0	4.955	0.020	27	7	4	354
PL.64585	PL.60449	ABC	336 MCM AC	7.21Y	120.1	0.05	4.90	144.46	28	3001	869	96	0.80	0.0	5.001	0.046	11	3	1	350
PL.64586	PL.64585	ABC	#1/0 ACSR	7.21Y	120.1	0.00	4.90	143.91	63	2989	864	96	0.00	0.0	5.001	0.000	0	0	2	349
PL.60453	PL.64586	ABC	336 MCM AC	7.20Y	120.1	0.04	4.94	143.91	28	2989	864	96	0.67	0.0	5.039	0.038	12	3	3	347
PL.60451	PL.60453	C	#4 ACSR	7.20Y	120.1	0.00	4.94	1.87	1	13	3	97	0.00	0.0	5.042	0.003	0	0	0	2
PD.8494	PL.60451	C	65T	7.20Y	120.1	0.00	4.94	1.87	0	13	3	97	0.00	0.0	5.042	0.003	0	0	0	2
PL.58234	PD.8494	C	#4 ACSR	7.20Y	120.0	0.01	4.95	1.87	1	13	3	97	0.00	0.0	5.117	0.074	0	0	0	2
PL.58233	PL.58234	C	#4 ACSR	7.20Y	120.0	0.00	4.95	0.93	1	7	2	96	0.00	0.0	5.236	0.119	7	2	1	1
PL.58232	PL.58234	C	#1/0 ACSR	7.20Y	120.0	0.00	4.95	0.94	0	7	2	96	0.00	0.0	5.265	0.148	7	2	1	1
PL.60452	PL.60453	A	#4 ACSR	7.20Y	120.1	0.00	4.94	3.09	2	22	6	96	0.00	0.0	5.042	0.003	0	0	0	2
PD.8495	PL.60452	A	65T	7.20Y	120.1	0.00	4.94	3.09	0	22	6	96	0.00	0.0	5.042	0.003	0	0	0	2
PL.58235	PD.8495	A	#4 ACSR	7.20Y	120.1	0.00	4.95	3.09	2	22	6	96	0.00	0.0	5.066	0.024	10	3	1	2
PL.58231	PL.58235	A	#4 ACSR	7.20Y	120.1	0.00	4.95	1.63	1	11	3	96	0.00	0.0	5.092	0.026	0	0	0	1
PL.53553	PL.58231	A	#4 ACSR	7.20Y	120.1	0.00	4.95	0.00	0	0	0	100	0.00	0.0	5.136	0.045	0	0	0	0
PL.53552	PL.58231	A	#4 ACSR	7.20Y	120.1	0.00	4.95	1.63	1	11	3	96	0.00	0.0	5.135	0.044	11	3	1	1
PL.60450	PL.60453	ABC	336 MCM AC	7.20Y	120.0	0.10	5.04	141.68	27	2941	850	96	1.59	0.1	5.135	0.095	42	11	6	340

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.60279	PL.60450	C	#1/0 ACSR	7.20Y	120.0	0.00	5.05	9.93	4	69	18	97	0.00	0.0	5.138	0.003	0	0	0	1
PD.8496	PL.60279	C	20T	7.20Y	120.0	0.00	5.05	9.93	0	69	18	97	0.00	0.0	5.138	0.003	0	0	0	1
PL.58236	PD.8496	C	#1/0 ACSR	7.20Y	119.9	0.01	5.05	9.93	4	69	18	97	0.00	0.0	5.192	0.054	69	18	1	1
PL.60278	PL.60450	ABC	336 MCM AC	7.19Y	119.9	0.09	5.14	136.34	26	2828	817	96	1.42	0.1	5.225	0.090	0	0	0	333
PL.47123	PL.60278	ABC	#1/0 ACSR	7.19Y	119.8	0.01	5.15	44.48	19	928	244	97	0.10	0.0	5.243	0.018	0	0	0	139
PL.58238	PL.47123	B	#2 ACSR	7.19Y	119.8	0.00	5.15	2.35	1	16	4	97	0.00	0.0	5.246	0.002	0	0	0	2
PD.8497	PL.58238	B	30T	7.19Y	119.8	0.00	5.15	2.35	0	16	4	97	0.00	0.0	5.246	0.002	0	0	0	2
PL.58239	PD.8497	B	#2 ACSR	7.19Y	119.8	0.00	5.15	2.35	1	16	4	97	0.00	0.0	5.261	0.015	6	2	1	2
PL.58237	PL.58239	B	#2 ACSR	7.19Y	119.8	0.00	5.15	1.47	1	10	3	96	0.00	0.0	5.292	0.032	10	3	1	1
PL.47124	PL.47123	ABC	#1/0 ACSR	7.19Y	119.8	0.01	5.16	43.70	19	912	240	97	0.04	0.0	5.251	0.008	0	0	0	137
PL.58241	PL.47124	ABC	#1/0 ACSR	7.19Y	119.8	0.00	5.16	43.70	19	912	240	97	0.01	0.0	5.254	0.003	0	0	0	137
PD.8498	PL.58241	ABC	100L	7.19Y	119.8	0.00	5.16	43.70	44	912	240	97	0.00	0.0	5.254	0.003	0	0	0	137
PL.58242	PD.8498	ABC	#1/0 ACSR	7.19Y	119.8	0.06	5.22	43.70	19	912	240	97	0.36	0.0	5.325	0.071	0	0	0	137
PL.58243	PL.58242	C	#2 ACSR	7.19Y	119.8	0.00	5.22	1.26	1	9	2	98	0.00	0.0	5.327	0.002	0	0	0	2
PD.8499	PL.58243	C	30T	7.19Y	119.8	0.00	5.22	1.26	0	9	2	98	0.00	0.0	5.327	0.002	0	0	0	2
PL.58244	PD.8499	C	#2 ACSR	7.19Y	119.8	0.00	5.22	1.26	1	9	2	98	0.00	0.0	5.344	0.017	9	2	2	2
PL.58240	PL.58242	ABC	#1/0 ACSR	7.18Y	119.7	0.05	5.26	43.28	19	902	237	97	0.31	0.0	5.387	0.062	14	4	1	135
PL.47125	PL.58240	ABC	#1/0 ACSR	7.18Y	119.7	0.01	5.28	42.59	19	888	233	97	0.07	0.0	5.402	0.015	0	0	0	134
PL.47126	PL.47125	ABC	#1/0 ACSR	7.18Y	119.7	0.05	5.32	42.35	18	883	232	97	0.29	0.0	5.464	0.061	0	0	0	133
PL.58250	PL.47126	ABC	#1/0 ACSR	7.18Y	119.6	0.07	5.39	40.93	18	853	224	97	0.42	0.0	5.557	0.094	0	0	0	132
PL.58252	PL.58250	B	#1/0 ACSR	7.18Y	119.6	0.00	5.39	2.07	1	14	4	96	0.00	0.0	5.558	0.000	0	0	0	2
PD.8514	PL.58252	B	30T	7.18Y	119.6	0.00	5.39	2.07	0	14	4	96	0.00	0.0	5.558	0.000	0	0	0	2
PL.58253	PD.8514	B	#1/0 ACSR	7.18Y	119.6	0.00	5.39	2.07	1	14	4	96	0.00	0.0	5.558	0.000	0	0	0	2
PL.58251	PL.58253	B	#1/0 ACSR	7.18Y	119.6	0.00	5.39	1.03	0	7	2	96	0.00	0.0	5.581	0.024	7	2	1	1
PL.58249	PL.58253	B	#2 ACSR	7.18Y	119.6	0.00	5.39	1.04	1	7	2	96	0.00	0.0	5.629	0.072	7	2	1	1
PL.58248	PL.58250	ABC	#1/0 ACSR	7.17Y	119.6	0.06	5.45	40.24	17	838	220	97	0.34	0.0	5.637	0.080	5	1	2	130
PL.58255	PL.58248	B	#4 ACSR	7.17Y	119.6	0.00	5.45	7.00	5	49	13	97	0.00	0.0	5.640	0.003	0	0	0	8
PD.8515	PL.58255	B	30T	7.17Y	119.6	0.00	5.45	7.00	0	49	13	97	0.00	0.0	5.640	0.003	0	0	0	8
PL.58256	PD.8515	B	#4 ACSR	7.17Y	119.5	0.01	5.46	7.00	5	49	13	97	0.00	0.0	5.668	0.027	16	4	2	8
PL.58254	PL.58256	B	#4 ACSR	7.17Y	119.5	0.01	5.47	4.62	4	32	8	97	0.00	0.0	5.722	0.054	6	2	2	6
PL.47130	PL.58254	B	#4 ACSR	7.17Y	119.5	0.00	5.47	3.71	3	26	7	97	0.00	0.0	5.747	0.025	26	7	4	4

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.47127	PL.58248	ABC	#1/0 ACSR	7.17Y	119.5	0.04	5.49	37.66	16	784	206	97	0.24	0.0	5.700	0.063	0	0	0	120
PL.47131	PL.47127	C	#4 ACSR	7.17Y	119.5	0.00	5.49	1.70	1	12	3	97	0.00	0.0	5.700	0.000	0	0	0	1
PD.7285	PL.47131	C	25T	7.17Y	119.5	0.00	5.49	1.70	0	12	3	97	0.00	0.0	5.700	0.000	0	0	0	1
PL.47132	PD.7285	C	#4 ACSR	7.17Y	119.5	0.00	5.49	1.70	1	12	3	97	0.00	0.0	5.755	0.055	0	0	0	1
PL.47133	PL.47132	C	#4 ACSR	7.17Y	119.5	0.00	5.50	1.70	1	12	3	97	0.00	0.0	5.783	0.028	12	3	1	1
PL.53957	PL.47127	ABC	#1/0 ACSR	7.17Y	119.5	0.06	5.55	36.06	16	750	197	97	0.31	0.0	5.790	0.090	1	0	1	115
PL.53955	PL.53957	ABC	#1/0 ACSR	7.16Y	119.4	0.04	5.58	35.57	15	740	194	97	0.19	0.0	5.848	0.058	23	6	2	113
PL.53220	PL.53955	ABC	#1/0 ACSR	7.16Y	119.4	0.03	5.62	34.44	15	716	187	97	0.16	0.0	5.900	0.052	0	0	0	111
PL.53222	PL.53220	C	#1/0 ACSR	7.16Y	119.4	0.00	5.62	1.74	1	12	3	97	0.00	0.0	5.902	0.003	0	0	0	1
PD.7924	PL.53222	C	30T	7.16Y	119.4	0.00	5.62	1.74	0	12	3	97	0.00	0.0	5.902	0.003	0	0	0	1
PL.53223	PD.7924	C	#1/0 ACSR	7.16Y	119.4	0.00	5.62	1.74	1	12	3	97	0.00	0.0	6.015	0.113	0	0	0	1
PL.53224	PL.53223	C	1/0 AL URD	7.16Y	119.4	0.00	5.62	1.74	1	12	3	97	0.00	0.0	6.043	0.028	12	3	1	1
PL.53221	PL.53220	ABC	#1/0 ACSR	7.16Y	119.4	0.02	5.64	33.86	15	704	184	97	0.11	0.0	5.935	0.036	0	0	0	110
PL.58259	PL.53221	A	6 A (CWC)	7.16Y	119.4	0.01	5.64	38.46	27	266	70	97	0.01	0.0	5.939	0.004	0	0	0	39
C PD.8516	PL.58259	A	50L	7.16Y	119.4	0.00	5.64	38.46	77	266	70	97	0.00	0.0	5.939	0.004	0	0	0	39 C
PL.58260	PD.8516	A	6 A (CWC)	7.15Y	119.2	0.14	5.78	38.46	27	266	70	97	0.28	0.1	6.017	0.078	0	0	0	39
PL.58258	PL.58260	A	6 A (CWC)	7.15Y	119.1	0.09	5.87	37.29	27	258	68	97	0.17	0.1	6.068	0.051	5	1	2	38
PL.58261	PL.58258	A	6 A (CWC)	7.15Y	119.1	0.00	5.87	35.24	25	244	64	97	0.01	0.0	6.071	0.003	0	0	0	35
PD.8517-A	PL.58261	A	Closed	7.15Y	119.1	0.00	5.87	35.24	0	244	64	97	0.00	0.0	6.071	0.003	0	0	0	35
PD.8517-B	PD.8517-A	A	Closed	7.15Y	119.1	0.00	5.87	35.24	0	244	64	97	0.00	0.0	6.071	0.003	0	0	0	35
PL.58262	PD.8517-B	A	6 A (CWC)	7.14Y	119.0	0.10	5.98	35.24	25	244	64	97	0.20	0.1	6.136	0.065	0	0	0	35
PL.46475	PL.58262	A	#2 ACSR	7.14Y	119.0	0.00	5.98	3.85	2	27	7	97	0.00	0.0	6.167	0.031	27	7	2	2
PL.44970	PL.58262	A	6 A (CWC)	7.14Y	119.0	0.07	6.04	31.39	22	217	57	97	0.11	0.1	6.182	0.046	0	0	0	33
PL.46864	PL.44970	A	6 A (CWC)	7.13Y	118.8	0.12	6.17	30.79	22	213	56	97	0.20	0.1	6.270	0.088	0	0	0	32
PL.46865	PL.46864	A	6 A (CWC)	7.13Y	118.8	0.04	6.21	30.79	22	212	55	97	0.07	0.0	6.302	0.032	3	1	1	32
PL.46866	PL.46865	A	6 A (CWC)	7.12Y	118.7	0.10	6.31	30.38	22	210	55	97	0.17	0.1	6.377	0.075	0	0	0	31
PL.58269	PL.46866	A	6 A (CWC)	7.12Y	118.7	0.00	6.32	17.90	13	123	32	97	0.00	0.0	6.379	0.002	0	0	0	16
PD.8521	PL.58269	A	25T	7.12Y	118.7	0.00	6.32	17.90	0	123	32	97	0.00	0.0	6.379	0.002	0	0	0	16
PL.58270	PD.8521	A	6 A (CWC)	7.12Y	118.6	0.09	6.40	17.90	13	123	32	97	0.08	0.1	6.486	0.107	0	0	0	16
PL.58275	PL.58270	A	6 A (CWC)	7.11Y	118.5	0.07	6.47	15.17	11	104	27	97	0.05	0.1	6.581	0.095	0	0	0	14
PD.8524-A	PL.58275	A	Closed	7.11Y	118.5	0.00	6.47	15.17	0	104	27	97	0.00	0.0	6.581	0.095	0	0	0	14

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.8524-B	PD.8524-A	A	Closed	7.11Y	118.5	0.00	6.47	15.17	0	104	27	97	0.00	0.0	6.581	0.095	0	0	0	14
PL.58276	PD.8524-B	A	6 A (CWC)	7.11Y	118.5	0.03	6.49	15.17	11	104	27	97	0.02	0.0	6.619	0.038	9	2	1	14
PL.46868	PL.58276	A	6 A (CWC)	7.11Y	118.5	0.04	6.53	13.81	10	95	25	97	0.03	0.0	6.681	0.062	10	3	1	13
PL.46872	PL.46868	A	6 A (CWC)	7.10Y	118.4	0.06	6.59	9.29	7	64	17	97	0.03	0.0	6.841	0.160	8	2	1	9
PL.58277	PL.46872	A	6 A (CWC)	7.10Y	118.4	0.00	6.59	8.06	6	55	14	97	0.00	0.0	6.844	0.003	0	0	0	8
PD.8525	PL.58277	A	12T	7.10Y	118.4	0.00	6.59	8.06	0	55	14	97	0.00	0.0	6.844	0.003	0	0	0	8
PL.58278	PD.8525	A	6 A (CWC)	7.10Y	118.4	0.02	6.62	8.06	6	55	14	97	0.01	0.0	6.916	0.072	8	2	1	8
PL.53927	PL.58278	A	#4 ACSR	7.10Y	118.4	0.00	6.62	1.51	1	10	3	96	0.00	0.0	6.963	0.047	10	3	2	2
PL.53942	PL.58278	A	#4 ACSR	7.10Y	118.4	0.00	6.62	1.43	1	10	3	96	0.00	0.0	6.986	0.070	10	3	1	1
PL.53941	PL.58278	A	#4 ACSR	7.10Y	118.4	0.00	6.62	1.48	1	10	3	96	0.00	0.0	6.946	0.030	10	3	1	1
PL.64732	PL.58278	A	6 A (CWC)	7.10Y	118.4	0.00	6.62	2.54	2	17	5	96	0.00	0.0	6.979	0.063	17	5	3	3
PL.46869	PL.46868	A	#4 ACSR	7.11Y	118.5	0.01	6.54	3.06	2	21	5	97	0.00	0.0	6.766	0.084	13	3	1	3
PL.46870	PL.46869	A	#4 ACSR	7.11Y	118.5	0.00	6.54	1.23	1	8	2	97	0.00	0.0	6.823	0.057	8	2	2	2
PL.44971	PL.58270	A	#4 ACSR	7.12Y	118.6	0.00	6.40	0.91	1	6	2	95	0.00	0.0	6.543	0.057	6	2	1	1
PL.46680	PL.58270	A	#4 ACSR	7.12Y	118.6	0.00	6.40	1.82	1	13	3	97	0.00	0.0	6.525	0.039	13	3	1	1
PL.58267	PL.46866	A	6 A (CWC)	7.12Y	118.7	0.00	6.31	5.76	4	40	10	97	0.00	0.0	6.379	0.002	0	0	0	7
PD.8520	PL.58267	A	25T	7.12Y	118.7	0.00	6.31	5.76	0	40	10	97	0.00	0.0	6.379	0.002	0	0	0	7
PL.58268	PD.8520	A	6 A (CWC)	7.12Y	118.7	0.03	6.34	5.76	4	40	10	97	0.01	0.0	6.481	0.101	0	0	0	7
PL.46875	PL.58268	A	6 A (CWC)	7.12Y	118.6	0.01	6.35	2.91	2	20	5	97	0.00	0.0	6.589	0.108	7	2	1	5
PL.46876	PL.46875	A	6 A (CWC)	7.12Y	118.6	0.01	6.36	1.96	1	13	4	96	0.00	0.0	6.658	0.069	5	1	2	4
PL.46186	PL.46876	A	#4 ACSR	7.12Y	118.6	0.00	6.36	1.23	1	8	2	97	0.00	0.0	6.707	0.050	8	2	1	1
PL.46877	PL.46876	A	6 A (CWC)	7.12Y	118.6	0.00	6.36	0.04	0	0	0	100	0.00	0.0	6.722	0.064	0	0	1	1
PL.58273	PL.58268	A	#4 ACSR	7.12Y	118.7	0.00	6.34	2.85	2	20	5	97	0.00	0.0	6.483	0.002	0	0	0	2
PD.8523	PL.58273	A	12T	7.12Y	118.7	0.00	6.34	2.85	0	20	5	97	0.00	0.0	6.483	0.002	0	0	0	2
PL.58274	PD.8523	A	#4 ACSR	7.12Y	118.7	0.01	6.35	2.85	2	20	5	97	0.00	0.0	6.549	0.066	7	2	1	2
PL.46874	PL.58274	A	#4 ACSR	7.12Y	118.6	0.00	6.35	1.90	1	13	3	97	0.00	0.0	6.627	0.077	13	3	1	1
PL.46867	PL.46866	A	6 A (CWC)	7.12Y	118.7	0.01	6.33	6.72	5	46	12	97	0.01	0.0	6.427	0.050	5	1	1	8
PL.58271	PL.46867	A	6 A (CWC)	7.12Y	118.7	0.00	6.33	6.02	4	41	11	97	0.00	0.0	6.430	0.003	0	0	0	7
PD.8522	PL.58271	A	25T	7.12Y	118.7	0.00	6.33	6.02	0	41	11	97	0.00	0.0	6.430	0.003	0	0	0	7
PL.58272	PD.8522	A	6 A (CWC)	7.12Y	118.7	0.01	6.33	6.02	4	41	11	97	0.00	0.0	6.452	0.022	0	0	0	7
PL.60374	PL.58272	A	#4 ACSR	7.12Y	118.7	0.00	6.34	0.40	0	3	1	95	0.00	0.0	6.455	0.003	0	0	0	1

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.8962	PL.60374	A	15T	7.12Y	118.7	0.00	6.34	0.40	0	3	1	95	0.00	0.0	6.455	0.003	0	0	0	1
PL.60375	PD.8962	A	#4 ACSR	7.12Y	118.7	0.00	6.34	0.40	0	3	1	95	0.00	0.0	6.604	0.149	3	1	1	1
PL.60376	PL.58272	A	6 A (CWC)	7.12Y	118.7	0.00	6.34	5.62	4	39	10	97	0.00	0.0	6.455	0.003	0	0	0	6
PD.8963	PL.60376	A	25T	7.12Y	118.7	0.00	6.34	5.62	0	39	10	97	0.00	0.0	6.455	0.003	0	0	0	6
PL.60377	PD.8963	A	6 A (CWC)	7.12Y	118.6	0.03	6.36	5.62	4	39	10	97	0.01	0.0	6.557	0.102	0	0	0	6
PL.46873	PL.60377	A	6 A (CWC)	7.12Y	118.6	0.02	6.38	4.43	3	31	8	97	0.00	0.0	6.659	0.102	8	2	1	4
PL.43916	PL.46873	A	6 A (CWC)	7.12Y	118.6	0.01	6.39	3.33	2	23	6	97	0.00	0.0	6.700	0.041	0	0	0	3
PL.46979	PL.43916	A	#1/0 ACSR	7.12Y	118.6	0.01	6.39	2.18	1	15	4	97	0.00	0.0	6.814	0.114	0	0	1	2
PL.59777	PL.46979	A	#1/0 ACSR	7.12Y	118.6	0.00	6.39	2.11	1	15	4	97	0.00	0.0	6.870	0.057	15	4	1	1
PL.43917	PL.43916	A	6 A (CWC)	7.12Y	118.6	0.00	6.39	1.16	1	8	2	97	0.00	0.0	6.720	0.020	8	2	1	1
PL.53562	PL.60377	A	#2 ACSR	7.12Y	118.6	0.00	6.36	1.19	1	8	2	97	0.00	0.0	6.624	0.067	0	0	0	2
PL.53564	PL.53562	A	#1/0 ACSR	7.12Y	118.6	0.00	6.36	0.13	0	1	0	100	0.00	0.0	6.671	0.047	1	0	1	1
PL.53563	PL.53562	A	#2 ACSR	7.12Y	118.6	0.00	6.37	1.06	1	7	2	96	0.00	0.0	6.691	0.067	7	2	1	1
PL.46200	PL.44970	A	#2 ACSR	7.14Y	119.0	0.00	6.04	0.60	0	4	1	97	0.00	0.0	6.201	0.019	4	1	1	1
PL.58263	PL.58258	A	#2 ACSR	7.15Y	119.1	0.00	5.87	0.00	0	0	0	100	0.00	0.0	6.070	0.002	0	0	0	0
PD.8518	PL.58263	A	25T	7.15Y	119.1	0.00	5.87	0.00	0	0	0	100	0.00	0.0	6.070	0.002	0	0	0	0
PL.58264	PD.8518	A	#2 ACSR	7.15Y	119.1	0.00	5.87	0.00	0	0	0	100	0.00	0.0	6.199	0.128	0	0	0	0
PL.58265	PL.58258	A	6 A (CWC)	7.15Y	119.1	0.00	5.87	1.35	1	9	2	98	0.00	0.0	6.070	0.002	0	0	0	1
PD.8519	PL.58265	A	25T	7.15Y	119.1	0.00	5.87	1.35	0	9	2	98	0.00	0.0	6.070	0.002	0	0	0	1
PL.58266	PD.8519	A	6 A (CWC)	7.15Y	119.1	0.00	5.87	1.35	1	9	2	98	0.00	0.0	6.114	0.044	0	0	0	1
PL.53219	PL.58266	A	6 A (CWC)	7.15Y	119.1	0.00	5.87	1.35	1	9	2	98	0.00	0.0	6.142	0.028	9	2	1	1
PL.58257	PL.58260	A	6 A (CWC)	7.15Y	119.2	0.00	5.78	1.17	1	8	2	97	0.00	0.0	6.080	0.063	8	2	1	1
PL.47179	PL.53221	ABC	#1/0 ACSR	7.16Y	119.3	0.02	5.66	21.04	9	437	114	97	0.06	0.0	5.987	0.052	0	0	0	71
PL.47180	PL.47179	ABC	#1/0 ACSR	7.16Y	119.3	0.03	5.69	21.04	9	437	114	97	0.09	0.0	6.065	0.077	0	0	0	71
PL.47181	PL.47180	ABC	#1/0 ACSR	7.16Y	119.3	0.03	5.72	21.04	9	437	114	97	0.09	0.0	6.141	0.077	0	0	0	71
PL.53729	PL.47181	ABC	#1/0 ACSR	7.16Y	119.3	0.03	5.74	20.55	9	427	111	97	0.08	0.0	6.215	0.073	17	4	3	70
PL.53730	PL.53729	ABC	#1/0 ACSR	7.15Y	119.2	0.02	5.76	19.75	9	410	107	97	0.05	0.0	6.261	0.046	7	2	2	67
PL.53731	PL.53730	ABC	#1/0 ACSR	7.15Y	119.2	0.02	5.78	19.40	8	403	105	97	0.05	0.0	6.315	0.054	0	0	0	65
PL.46609	PL.53731	ABC	#1/0 ACSR	7.15Y	119.2	0.02	5.80	16.44	7	341	89	97	0.06	0.0	6.394	0.079	0	0	0	57
PL.58284	PL.46609	B	#4 ACSR	7.15Y	119.2	0.00	5.80	8.86	7	61	16	97	0.00	0.0	6.396	0.002	0	0	0	10
PD.8528	PL.58284	B	30T	7.15Y	119.2	0.00	5.80	8.86	0	61	16	97	0.00	0.0	6.396	0.002	0	0	0	10

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.58025	PD.8528	B	#4 ACSR	7.15Y	119.2	0.00	5.81	8.86	7	61	16	97	0.00	0.0	6.408	0.013	1	0	1	10
PL.58283	PL.58025	B	#4 ACSR	7.15Y	119.2	0.01	5.81	8.67	7	60	16	97	0.00	0.0	6.425	0.017	11	3	2	9
PL.46613	PL.58283	B	#4 ACSR	7.15Y	119.2	0.01	5.82	7.15	6	49	13	97	0.00	0.0	6.464	0.039	12	3	2	7
PL.46611	PL.46613	B	#4 ACSR	7.15Y	119.2	0.01	5.83	5.47	4	38	10	97	0.00	0.0	6.501	0.037	15	4	2	5
PL.46612	PL.46611	B	#4 ACSR	7.15Y	119.2	0.00	5.83	3.32	3	23	6	97	0.00	0.0	6.540	0.039	12	3	2	3
PL.46614	PL.46612	B	#4 ACSR	7.15Y	119.2	0.00	5.83	1.54	1	11	3	96	0.00	0.0	6.572	0.032	11	3	1	1
PL.46610	PL.46609	ABC	#1/0 ACSR	7.15Y	119.2	0.02	5.82	13.49	6	280	73	97	0.03	0.0	6.463	0.070	0	0	0	47
PL.46607	PL.46610	C	#2 ACSR	7.15Y	119.2	0.00	5.82	1.03	1	7	2	96	0.00	0.0	6.464	0.001	0	0	0	1
PD.7213	PL.46607	C	30T	7.15Y	119.2	0.00	5.82	1.03	0	7	2	96	0.00	0.0	6.464	0.001	0	0	0	1
PL.46608	PD.7213	C	#2 ACSR	7.15Y	119.2	0.00	5.82	1.03	1	7	2	96	0.00	0.0	6.486	0.022	7	2	1	1
PL.46544	PL.46610	ABC	#1/0 ACSR	7.15Y	119.1	0.03	5.85	13.14	6	273	71	97	0.07	0.0	6.605	0.142	0	0	0	46
PL.46606	PL.46544	BC	#1/0 ACSR	7.15Y	119.1	0.00	5.85	4.60	2	64	17	97	0.00	0.0	6.645	0.040	0	0	0	10
PL.58035	PL.46606	B	6 A (CWC)	7.15Y	119.1	0.00	5.85	7.37	5	51	13	97	0.00	0.0	6.648	0.003	0	0	0	9
PD.8533	PL.58035	B	30	7.15Y	119.1	0.00	5.85	7.37	25	51	13	97	0.00	0.0	6.648	0.003	0	0	0	9
PL.58036	PD.8533	B	6 A (CWC)	7.15Y	119.1	0.03	5.88	7.37	5	51	13	97	0.01	0.0	6.729	0.082	0	0	0	9
PL.59023	PL.58036	B	6 A (CWC)	7.15Y	119.1	0.00	5.88	2.32	2	16	4	97	0.00	0.0	6.730	0.000	0	0	0	2
PD.8753	PL.59023	B	15T	7.15Y	119.1	0.00	5.88	2.32	0	16	4	97	0.00	0.0	6.730	0.000	0	0	0	2
PL.59024	PD.8753	B	6 A (CWC)	7.15Y	119.1	0.00	5.88	2.32	2	16	4	97	0.00	0.0	6.730	0.000	0	0	0	2
PL.59021	PL.59024	B	#4 ACSR	7.15Y	119.1	0.00	5.88	0.82	1	6	1	99	0.00	0.0	6.864	0.134	6	1	1	1
PL.59022	PL.59024	B	#4 ACSR	7.15Y	119.1	0.00	5.88	1.51	1	10	3	96	0.00	0.0	6.810	0.080	10	3	1	1
PL.59020	PL.58036	B	6 A (CWC)	7.14Y	119.1	0.04	5.92	5.05	4	35	9	97	0.01	0.0	6.918	0.189	9	2	2	7
PL.53782	PL.59020	B	6 A (CWC)	7.14Y	119.1	0.01	5.93	3.79	3	26	7	97	0.00	0.0	6.980	0.061	0	0	0	5
PL.58037	PL.53782	B	#4 ACSR	7.14Y	119.1	0.00	5.93	3.08	2	21	6	96	0.00	0.0	6.984	0.004	0	0	0	4
PD.8534	PL.58037	B	15T	7.14Y	119.1	0.00	5.93	3.08	0	21	6	96	0.00	0.0	6.984	0.004	0	0	0	4
PL.58038	PD.8534	B	#4 ACSR	7.14Y	119.1	0.00	5.93	3.08	2	21	6	96	0.00	0.0	7.023	0.040	21	6	4	4
PL.46615	PL.53782	B	6 A (CWC)	7.14Y	119.1	0.00	5.93	0.71	1	5	1	98	0.00	0.0	7.090	0.110	0	0	0	1
PL.58039	PL.46615	B	6 A (CWC)	7.14Y	119.1	0.00	5.93	0.71	1	5	1	98	0.00	0.0	7.093	0.003	0	0	0	1
PD.8535	PL.58039	B	15T	7.14Y	119.1	0.00	5.93	0.71	0	5	1	98	0.00	0.0	7.093	0.003	0	0	0	1
PL.63559	PD.8535	B	6 A (CWC)	7.14Y	119.1	0.00	5.93	0.71	1	5	1	98	0.00	0.0	7.130	0.037	5	1	1	1
PL.63560	PL.63559	B	6 A (CWC)	7.14Y	119.1	0.00	5.93	0.00	0	0	0	100	0.00	0.0	7.252	0.122	0	0	0	0
PL.47097	PL.46615	B	6 A (CWC)	7.14Y	119.1	0.00	5.93	0.00	0	0	0	100	0.00	0.0	7.170	0.081	0	0	0	0

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.47098	PL.47097	B	6 A (CWC)	7.14Y	119.1	0.00	5.93	0.00	0	0	0	100	0.00	0.0	7.238	0.068	0	0	0	0
PL.58033	PL.46606	C	#2 ACSR	7.15Y	119.1	0.00	5.85	1.84	1	13	3	97	0.00	0.0	6.648	0.003	0	0	0	1
PD.8532	PL.58033	C	15T	7.15Y	119.1	0.00	5.85	1.84	0	13	3	97	0.00	0.0	6.648	0.003	0	0	0	1
PL.58034	PD.8532	C	#2 ACSR	7.15Y	119.1	0.00	5.85	1.84	1	13	3	97	0.00	0.0	6.667	0.020	13	3	1	1
PL.58031	PL.46544	A	6 A (CWC)	7.15Y	119.1	0.00	5.85	9.38	7	65	17	97	0.00	0.0	6.608	0.003	0	0	0	8
PD.8531	PL.58031	A	30T	7.15Y	119.1	0.00	5.85	9.38	0	65	17	97	0.00	0.0	6.608	0.003	0	0	0	8
PL.58032	PD.8531	A	6 A (CWC)	7.15Y	119.1	0.01	5.86	9.38	7	65	17	97	0.01	0.0	6.641	0.034	18	5	2	8
PL.60368	PL.58032	A	6 A (CWC)	7.15Y	119.1	0.03	5.89	6.76	5	47	12	97	0.01	0.0	6.736	0.095	8	2	2	6
PL.60371	PL.60368	A	6 A (CWC)	7.15Y	119.1	0.01	5.90	5.62	4	39	10	97	0.00	0.0	6.787	0.051	0	0	0	4
PL.60372	PL.60371	A	6 A (CWC)	7.15Y	119.1	0.00	5.91	3.33	2	23	6	97	0.00	0.0	6.824	0.037	12	3	1	3
PL.60369	PL.60372	A	#1/0 ACSR	7.15Y	119.1	0.00	5.91	1.44	1	10	3	96	0.00	0.0	6.940	0.116	10	3	1	1
PL.60370	PL.60372	A	6 A (CWC)	7.15Y	119.1	0.00	5.91	0.12	0	1	0	100	0.00	0.0	6.884	0.060	1	0	1	1
PL.60373	PL.60371	A	#1/0 ACSR	7.15Y	119.1	0.00	5.91	2.30	1	16	4	97	0.00	0.0	6.846	0.059	16	4	1	1
PL.58029	PL.46544	B	6 A (CWC)	7.15Y	119.1	0.00	5.85	20.85	15	144	38	97	0.00	0.0	6.607	0.003	0	0	0	28
PD.8530	PL.58029	B	100CodeSMo	7.15Y	119.1	0.00	5.85	20.85	0	144	38	97	0.00	0.0	6.607	0.003	0	0	0	28
PL.58030	PD.8530	B	6 A (CWC)	7.15Y	119.1	0.03	5.88	20.85	15	144	38	97	0.03	0.0	6.637	0.030	0	0	0	28
PL.58028	PL.58030	B	6 A (CWC)	7.15Y	119.1	0.01	5.89	20.85	15	144	38	97	0.01	0.0	6.648	0.010	0	0	0	28
PL.53851	PL.58028	B	#1/0 ACSR	7.15Y	119.1	0.00	5.89	1.07	0	7	2	96	0.00	0.0	6.687	0.039	7	2	1	1
PL.53850	PL.58028	B	6 A (CWC)	7.14Y	119.0	0.08	5.97	19.78	14	137	36	97	0.08	0.1	6.738	0.091	10	3	2	27
PL.56771	PL.53850	B	6 A (CWC)	7.14Y	119.0	0.07	6.04	18.39	13	127	33	97	0.07	0.1	6.825	0.087	0	0	0	25
PL.56772	PL.56771	B	6 A (CWC)	7.13Y	118.8	0.11	6.15	18.39	13	127	33	97	0.11	0.1	6.963	0.137	9	2	1	25
PL.56770	PL.56772	B	6 A (CWC)	7.12Y	118.7	0.11	6.26	17.10	12	118	31	97	0.10	0.1	7.101	0.139	0	0	0	24
PL.58042	PL.56770	B	6 A (CWC)	7.12Y	118.7	0.00	6.26	12.53	9	86	23	97	0.00	0.0	7.104	0.003	0	0	0	16
PD.8537-A	PL.58042	B	Closed	7.12Y	118.7	0.00	6.26	12.53	0	86	23	97	0.00	0.0	7.104	0.003	0	0	0	16
PD.8537-B	PD.8537-A	B	Closed	7.12Y	118.7	0.00	6.26	12.53	0	86	23	97	0.00	0.0	7.104	0.003	0	0	0	16
PL.58043	PD.8537-B	B	6 A (CWC)	7.12Y	118.7	0.08	6.35	12.53	9	86	23	97	0.06	0.1	7.248	0.144	0	0	0	16
PL.53940	PL.58043	B	6 A (CWC)	7.12Y	118.6	0.04	6.39	12.53	9	86	22	97	0.03	0.0	7.330	0.082	10	3	1	16
PL.53928	PL.53940	B	6 A (CWC)	7.12Y	118.6	0.03	6.42	11.11	8	77	20	97	0.02	0.0	7.387	0.057	9	2	2	15
PL.58046	PL.53928	B	6 A (CWC)	7.11Y	118.6	0.00	6.42	9.17	7	63	16	97	0.00	0.0	7.390	0.003	0	0	0	12
PD.8539	PL.58046	B	15T	7.11Y	118.6	0.00	6.42	9.17	0	63	16	97	0.00	0.0	7.390	0.003	0	0	0	12
PL.58047	PD.8539	B	6 A (CWC)	7.11Y	118.5	0.04	6.46	9.17	7	63	16	97	0.02	0.0	7.512	0.121	16	4	3	12

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.45046	PL.58047	B	6 A (CWC)	7.11Y	118.5	0.03	6.50	6.78	5	47	12	97	0.01	0.0	7.625	0.113	3	1	1	9
PL.53542	PL.45046	B	6 A (CWC)	7.11Y	118.5	0.00	6.50	2.95	2	20	5	97	0.00	0.0	7.668	0.043	20	5	2	2
PL.46605	PL.45046	B	6 A (CWC)	7.11Y	118.5	0.01	6.50	2.33	2	16	4	97	0.00	0.0	7.688	0.063	0	0	0	5
PL.46729	PL.46605	B	#2 ACSR	7.11Y	118.5	0.00	6.50	0.00	0	0	0	100	0.00	0.0	7.784	0.096	0	0	0	0
PL.57555	PL.46605	B	#4 ACSR	7.11Y	118.5	0.01	6.51	2.33	2	16	4	97	0.00	0.0	7.840	0.152	7	2	1	5
PL.57556	PL.57555	B	#1/0 ACSR	7.11Y	118.5	0.00	6.52	1.33	1	9	2	98	0.00	0.0	7.910	0.070	9	2	4	4
PL.53543	PL.45046	B	#1/0 ACSR	7.11Y	118.5	0.00	6.50	1.07	0	7	2	96	0.00	0.0	7.682	0.057	7	2	1	1
PL.58048	PL.45046	B	#2 ACSR	7.11Y	118.5	0.00	6.50	0.00	0	0	0	100	0.00	0.0	7.649	0.024	0	0	0	0
PD.8540	PL.58048	B	15T	7.11Y	118.5	0.00	6.50	0.00	0	0	0	100	0.00	0.0	7.649	0.024	0	0	0	0
PL.58049	PD.8540	B	#2 ACSR	7.11Y	118.5	0.00	6.50	0.00	0	0	0	100	0.00	0.0	7.762	0.112	0	0	0	0
PL.58044	PL.53928	B	#4 ACSR	7.12Y	118.6	0.00	6.42	0.65	1	5	1	98	0.00	0.0	7.390	0.003	0	0	0	1
PD.8538	PL.58044	B	15T	7.12Y	118.6	0.00	6.42	0.65	0	5	1	98	0.00	0.0	7.390	0.003	0	0	0	1
PL.58045	PD.8538	B	#4 ACSR	7.11Y	118.6	0.00	6.42	0.65	1	5	1	98	0.00	0.0	7.492	0.102	5	1	1	1
PL.45971	PL.58043	B	6 A (CWC)	7.12Y	118.7	0.00	6.35	0.00	0	0	0	100	0.00	0.0	7.308	0.060	0	0	0	0
PD.7307-A	PL.45971	B	Open	7.12Y	118.7	0.00	6.35	0.00	0	0	0	100	0.00	0.0	7.308	0.060	0	0	0	0
PL.58040	PL.56770	B	#4 ACSR	7.12Y	118.7	0.00	6.26	4.57	4	31	8	97	0.00	0.0	7.104	0.003	0	0	0	8
PD.8536	PL.58040	B	25T	7.12Y	118.7	0.00	6.26	4.57	0	31	8	97	0.00	0.0	7.104	0.003	0	0	0	8
PL.58041	PD.8536	B	#4 ACSR	7.12Y	118.7	0.01	6.27	4.57	4	31	8	97	0.00	0.0	7.155	0.051	0	0	0	8
PL.53656	PL.58041	B	#2 ACSR	7.12Y	118.7	0.00	6.27	1.46	1	10	3	96	0.00	0.0	7.176	0.021	10	3	1	1
PL.53943	PL.58041	B	#4 ACSR	7.12Y	118.7	0.00	6.28	3.11	2	21	6	96	0.00	0.0	7.206	0.051	21	6	7	7
PL.58026	PL.46609	C	#1/0 ACSR	7.15Y	119.2	0.00	5.80	0.00	0	0	0	100	0.00	0.0	6.396	0.003	0	0	0	0
PD.8529	PL.58026	C	30T	7.15Y	119.2	0.00	5.80	0.00	0	0	0	100	0.00	0.0	6.396	0.003	0	0	0	0
PL.58027	PD.8529	C	#1/0 ACSR	7.15Y	119.2	0.00	5.80	0.00	0	0	0	100	0.00	0.0	6.432	0.036	0	0	0	0
PL.46871	PL.53731	B	6 A (CWC)	7.15Y	119.2	0.00	5.78	8.87	6	61	16	97	0.00	0.0	6.315	0.001	0	0	0	8
PD.7284	PL.46871	B	30T	7.15Y	119.2	0.00	5.78	8.87	0	61	16	97	0.00	0.0	6.315	0.001	0	0	0	8
PL.47182	PD.7284	B	6 A (CWC)	7.15Y	119.2	0.03	5.81	8.87	6	61	16	97	0.01	0.0	6.390	0.075	0	0	0	8
PL.47183	PL.47182	B	6 A (CWC)	7.15Y	119.2	0.03	5.83	8.00	6	55	14	97	0.01	0.0	6.462	0.072	0	0	0	7
PL.58281	PL.47183	B	#4 ACSR	7.15Y	119.2	0.00	5.83	1.87	1	13	3	97	0.00	0.0	6.465	0.003	0	0	0	2
PD.8527	PL.58281	B	15T	7.15Y	119.2	0.00	5.83	1.87	0	13	3	97	0.00	0.0	6.465	0.003	0	0	0	2
PL.58282	PD.8527	B	#4 ACSR	7.15Y	119.2	0.00	5.84	1.87	1	13	3	97	0.00	0.0	6.556	0.091	13	3	2	2
PL.62087	PL.47183	B	6 A (CWC)	7.15Y	119.1	0.03	5.86	6.13	4	42	11	97	0.01	0.0	6.568	0.106	0	0	0	5

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.62085	PL.62087	B	6 A (CWC)	7.15Y	119.1	0.01	5.88	2.60	2	18	5	96	0.00	0.0	6.737	0.169	11	3	1	2
PL.52609	PL.62085	B	6 A (CWC)	7.15Y	119.1	0.00	5.88	0.99	1	7	2	96	0.00	0.0	6.854	0.117	7	2	1	1
PL.62086	PL.62087	B	#4 ACSR	7.15Y	119.1	0.00	5.86	3.53	3	24	6	97	0.00	0.0	6.568	0.000	0	0	0	3
PD.9318	PL.62086	B	15T	7.15Y	119.1	0.00	5.86	3.53	0	24	6	97	0.00	0.0	6.568	0.000	0	0	0	3
PL.62315	PD.9318	B	#4 ACSR	7.15Y	119.1	0.00	5.86	3.53	3	24	6	97	0.00	0.0	6.568	0.000	0	0	0	3
PL.62089	PL.62315	B	#4 ACSR	7.15Y	119.1	0.01	5.87	2.20	2	15	4	97	0.00	0.0	6.661	0.093	0	0	1	2
PL.62090	PL.62089	B	#4 ACSR	7.15Y	119.1	0.00	5.88	2.16	2	15	4	97	0.00	0.0	6.752	0.092	15	4	1	1
PL.62088	PL.62315	B	#4 ACSR	7.15Y	119.1	0.00	5.86	1.33	1	9	2	98	0.00	0.0	6.593	0.026	9	2	1	1
PL.46984	PL.47182	B	#4 ACSR	7.15Y	119.2	0.00	5.81	0.87	1	6	2	95	0.00	0.0	6.435	0.045	6	2	1	1
PL.58279	PL.47181	A	#1/0 ACSR	7.16Y	119.3	0.00	5.72	1.47	1	10	3	96	0.00	0.0	6.144	0.002	0	0	0	1
PD.8526	PL.58279	A	30T	7.16Y	119.3	0.00	5.72	1.47	0	10	3	96	0.00	0.0	6.144	0.002	0	0	0	1
PL.58280	PD.8526	A	#1/0 ACSR	7.16Y	119.3	0.00	5.72	1.47	1	10	3	96	0.00	0.0	6.203	0.060	10	3	1	1
PL.53956	PL.53957	C	#2 ACSR	7.17Y	119.5	0.00	5.55	1.29	1	9	2	98	0.00	0.0	5.790	0.000	0	0	0	1
PD.7248	PL.53956	C	30T	7.17Y	119.5	0.00	5.55	1.29	0	9	2	98	0.00	0.0	5.790	0.000	0	0	0	1
PL.53635	PD.7248	C	#2 ACSR	7.17Y	119.5	0.00	5.55	1.29	1	9	2	98	0.00	0.0	5.829	0.039	9	2	1	1
PL.47128	PL.47127	A	#2 ACSR	7.17Y	119.5	0.00	5.49	3.09	2	21	6	96	0.00	0.0	5.700	0.000	0	0	0	4
PD.7274	PL.47128	A	30T	7.17Y	119.5	0.00	5.49	3.09	0	21	6	96	0.00	0.0	5.700	0.000	0	0	0	4
PL.47129	PD.7274	A	#2 ACSR	7.17Y	119.5	0.00	5.49	3.09	2	21	6	96	0.00	0.0	5.750	0.050	21	6	4	4
PL.58247	PL.47126	A	1/0 AL URD	7.18Y	119.7	0.00	5.32	4.24	2	30	7	97	0.00	0.0	5.467	0.003	0	0	0	1
PD.8501	PL.58247	A	20T	7.18Y	119.7	0.00	5.32	4.24	0	30	7	97	0.00	0.0	5.467	0.003	0	0	0	1
PL.64072	PD.8501	A	1/0 AL URD	7.18Y	119.7	0.00	5.33	4.24	2	30	7	97	0.00	0.0	5.538	0.071	30	8	1	1
PL.58245	PL.47125	C	#2 ACSR	7.18Y	119.7	0.00	5.28	0.72	0	5	1	98	0.00	0.0	5.405	0.002	0	0	0	1
PD.8500	PL.58245	C	30T	7.18Y	119.7	0.00	5.28	0.72	0	5	1	98	0.00	0.0	5.405	0.002	0	0	0	1
PL.58246	PD.8500	C	#2 ACSR	7.18Y	119.7	0.00	5.28	0.72	0	5	1	98	0.00	0.0	5.470	0.066	5	1	1	1
PL.52792	PL.60278	ABC	336 MCM AC	7.19Y	119.8	0.04	5.18	91.88	18	1899	570	96	0.39	0.0	5.280	0.055	0	0	0	194
PL.52793	PL.52792	ABC	336 MCM AC	7.19Y	119.8	0.05	5.22	91.88	18	1898	569	96	0.48	0.0	5.347	0.067	0	0	0	194
PL.58054	PL.52793	C	#4 ACSR	7.19Y	119.8	0.00	5.22	2.43	2	17	4	97	0.00	0.0	5.350	0.003	0	0	0	1
PD.8542	PL.58054	C	50T	7.19Y	119.8	0.00	5.22	2.43	0	17	4	97	0.00	0.0	5.350	0.003	0	0	0	1
PL.58055	PD.8542	C	#4 ACSR	7.19Y	119.8	0.00	5.23	2.43	2	17	4	97	0.00	0.0	5.408	0.058	17	4	1	1
PL.53574	PL.52793	ABC	336 MCM AC	7.19Y	119.8	0.02	5.24	87.24	17	1801	543	96	0.14	0.0	5.370	0.023	15	4	2	180
PL.58353	PL.53574	ABC	336 MCM AC	7.18Y	119.7	0.04	5.28	86.52	17	1786	538	96	0.38	0.0	5.430	0.061	39	10	5	178

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.58352	PL.58353	ABC	336 MCM AC	7.18Y	119.7	0.02	5.30	35.98	7	728	267	94	0.07	0.0	5.496	0.066	0	0	0	52
PL.58358	PL.58352	C	#2 ACSR	7.18Y	119.7	0.00	5.30	0.33	0	2	1	89	0.00	0.0	5.499	0.003	0	0	0	1
PD.8558	PL.58358	C	65T	7.18Y	119.7	0.00	5.30	0.33	0	2	1	89	0.00	0.0	5.499	0.003	0	0	0	1
PL.58359	PD.8558	C	#2 ACSR	7.18Y	119.7	0.00	5.30	0.33	0	2	1	89	0.00	0.0	5.554	0.055	2	1	1	1
PL.58355	PL.58352	ABC	336 MCM AC	7.18Y	119.7	0.04	5.33	33.93	7	685	256	94	0.13	0.0	5.634	0.138	10	5	1	44
PL.53863	PL.58355	ABC	336 MCM AC	7.18Y	119.6	0.02	5.35	33.44	6	675	251	94	0.06	0.0	5.695	0.061	18	5	1	43
PL.58360	PL.53863	ABC	#1/0 ACSR	7.18Y	119.6	0.00	5.35	5.74	2	120	31	97	0.00	0.0	5.698	0.003	0	0	0	8
PD.8559	PL.58360	ABC	65T	7.18Y	119.6	0.00	5.35	5.74	0	120	31	97	0.00	0.0	5.698	0.003	0	0	0	8
PL.58361	PD.8559	ABC	#1/0 ACSR	7.18Y	119.6	0.01	5.36	5.74	2	120	31	97	0.01	0.0	5.756	0.057	0	0	0	8
PL.53812	PL.58361	ABC	1/0 AL URD	7.18Y	119.6	0.01	5.36	5.74	3	120	31	97	0.01	0.0	5.804	0.049	6	3	1	8
PL.53813	PL.53812	C	1/0 AL URD	7.18Y	119.6	0.00	5.37	16.28	10	113	28	97	0.00	0.0	5.811	0.007	13	3	1	7
PL.53811	PL.53813	C	1/0 AL URD	7.18Y	119.6	0.02	5.38	14.40	8	100	25	97	0.01	0.0	5.849	0.038	0	0	0	6
PL.60274	PL.53811	C	1/0 AL URD	7.17Y	119.6	0.05	5.43	14.40	8	100	25	97	0.04	0.0	5.959	0.110	0	0	0	6
PL.60275	PL.60274	C	1/0 AL URD	7.17Y	119.6	0.00	5.44	7.69	5	53	14	97	0.00	0.0	5.992	0.033	53	14	5	5
PL.60276	PL.60274	C	1/0 AL URD	7.17Y	119.6	0.00	5.43	6.73	4	47	12	97	0.00	0.0	5.960	0.001	0	0	0	1
PD.8958	PL.60276	C	100CodeSMo	7.17Y	119.6	0.00	5.43	6.73	0	47	12	97	0.00	0.0	5.960	0.001	0	0	0	1
PL.60277	PD.8958	C	1/0 AL URD	7.17Y	119.6	0.01	5.44	6.73	4	47	12	97	0.00	0.0	6.028	0.068	47	12	1	1
PL.53864	PL.53863	ABC	336 MCM AC	7.18Y	119.6	0.04	5.39	26.87	5	537	215	93	0.11	0.0	5.882	0.187	12	3	2	34
PL.58363	PL.53864	ABC	336 MCM AC	7.18Y	119.6	0.01	5.40	26.31	5	526	211	93	0.02	0.0	5.914	0.032	1	0	2	32
PL.58364	PL.58363	ABC	336 MCM AC	7.18Y	119.6	0.01	5.41	26.27	5	525	211	93	0.02	0.0	5.940	0.026	0	0	0	30
PD.8560-A	PL.58364	ABC	Closed	7.18Y	119.6	0.00	5.41	26.27	0	525	211	93	0.00	0.0	5.940	0.026	0	0	0	30
PD.8560-B	PD.8560-A	ABC	Closed	7.18Y	119.6	0.00	5.41	26.27	0	525	211	93	0.00	0.0	5.940	0.026	0	0	0	30
PL.58365	PD.8560-B	ABC	336 MCM AC	7.17Y	119.6	0.03	5.43	26.27	5	525	211	93	0.07	0.0	6.067	0.126	0	0	0	30
PL.58316	PL.58365	C	6 A (CWC)	7.17Y	119.6	0.00	5.43	3.66	3	25	7	96	0.00	0.0	6.069	0.002	0	0	0	9
PD.8561	PL.58316	C	50T	7.17Y	119.6	0.00	5.43	3.66	0	25	7	96	0.00	0.0	6.069	0.002	0	0	0	9
PL.58317	PD.8561	C	6 A (CWC)	7.17Y	119.6	0.02	5.45	3.66	3	25	7	96	0.00	0.0	6.165	0.096	3	1	2	9
PL.58315	PL.58317	C	6 A (CWC)	7.17Y	119.5	0.01	5.46	2.71	2	19	5	97	0.00	0.0	6.258	0.092	3	1	2	5
PL.58320	PL.58315	C	#4 ACSR	7.17Y	119.5	0.00	5.46	1.03	1	7	2	96	0.00	0.0	6.260	0.002	0	0	0	1
PD.8563	PL.58320	C	20T	7.17Y	119.5	0.00	5.46	1.03	0	7	2	96	0.00	0.0	6.260	0.002	0	0	0	1
PL.58321	PD.8563	C	#4 ACSR	7.17Y	119.5	0.00	5.46	1.03	1	7	2	96	0.00	0.0	6.405	0.145	7	2	1	1
PL.58318	PL.58315	C	6 A (CWC)	7.17Y	119.5	0.00	5.46	1.28	1	9	2	98	0.00	0.0	6.260	0.002	0	0	0	2

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.8562	PL.58318	C	30T	7.17Y	119.5	0.00	5.46	1.28	0	9	2	98	0.00	0.0	6.260	0.002	0	0	0	2
PL.58319	PD.8562	C	6 A (CWC)	7.17Y	119.5	0.00	5.46	1.28	1	9	2	98	0.00	0.0	6.335	0.075	9	2	2	2
PL.58366	PL.58317	C	6 A (CWC)	7.17Y	119.5	0.00	5.45	0.52	0	4	1	97	0.00	0.0	6.270	0.104	4	1	2	2
PL.58362	PL.58365	ABC	336 MCM AC	7.17Y	119.5	0.02	5.45	25.07	5	499	204	93	0.05	0.0	6.157	0.090	0	0	0	21
PL.46839	PL.58362	ABC	336 MCM AC	7.17Y	119.5	0.01	5.47	18.14	3	357	159	91	0.03	0.0	6.250	0.093	0	0	0	11
PL.46494	PL.46839	ABC	336 MCM AC	7.17Y	119.5	0.01	5.48	17.99	3	353	158	91	0.02	0.0	6.313	0.063	0	0	0	10
PL.64879	PL.46494	ABC	336 MCM AC	7.17Y	119.5	0.03	5.50	14.97	3	295	129	92	0.04	0.0	6.517	0.204	0	0	0	9
PL.64881	PL.64879	ABC	336 MCM AC	7.17Y	119.5	0.00	5.51	14.97	3	295	129	92	0.01	0.0	6.548	0.031	0	0	0	9
PD.9568-A	PL.64881	ABC	Closed	7.17Y	119.5	0.00	5.51	14.97	0	295	129	92	0.00	0.0	6.548	0.031	0	0	0	9
PD.9568-B	PD.9568-A	ABC	Closed	7.17Y	119.5	0.00	5.51	14.97	0	295	129	92	0.00	0.0	6.548	0.031	0	0	0	9
PL.64882	PD.9568-B	ABC	336 MCM AC	7.17Y	119.5	0.00	5.51	14.97	3	295	129	92	0.00	0.0	6.550	0.002	0	0	0	9
PL.64884	PL.64882	ABC	350 MCM AL	7.17Y	119.5	0.02	5.53	14.97	5	295	129	92	0.04	0.0	6.759	0.209	0	0	0	9
PL.58335	PL.64884	ABC	#1/0 ACSR	7.17Y	119.5	0.00	5.53	15.03	7	295	133	91	0.00	0.0	6.761	0.002	0	0	0	9
PD.8569-A	PL.58335	ABC	Closed	7.17Y	119.5	0.00	5.53	15.03	0	295	133	91	0.00	0.0	6.761	0.002	0	0	0	9
PD.8569-B	PD.8569-A	ABC	Closed	7.17Y	119.5	0.00	5.53	15.03	0	295	133	91	0.00	0.0	6.761	0.002	0	0	0	9
PL.64885	PD.8569-B	ABC	336 MCM AC	7.17Y	119.5	0.01	5.53	15.03	3	295	133	91	0.01	0.0	6.804	0.043	0	0	0	9
PL.58337	PL.64885	A	#4 ACSR	7.17Y	119.5	0.00	5.53	2.51	2	17	5	96	0.00	0.0	6.807	0.003	0	0	0	4
PD.8570	PL.58337	A	50T	7.17Y	119.5	0.00	5.53	2.51	0	17	5	96	0.00	0.0	6.807	0.003	0	0	0	4
PL.64351	PD.8570	A	#4 ACSR	7.17Y	119.5	0.00	5.54	2.51	2	17	5	96	0.00	0.0	6.830	0.023	10	3	3	4
PL.64352	PL.64351	A	#4 ACSR	7.17Y	119.5	0.00	5.54	1.08	1	7	2	96	0.00	0.0	6.866	0.035	7	2	1	1
PL.46495	PL.64885	ABC	336 MCM AC	7.17Y	119.5	0.00	5.53	0.56	0	12	3	97	0.00	0.0	6.881	0.077	2	1	1	4
PL.46496	PL.46495	ABC	336 MCM AC	7.17Y	119.5	0.00	5.53	0.00	0	0	0	100	0.00	0.0	6.944	0.064	0	0	0	0
PD.5886-B	PL.46496	ABC	Open	7.17Y	119.5	0.00	5.53	0.00	0	0	0	100	0.00	0.0	6.944	0.064	0	0	0	0
PL.46324	PL.46495	A	#2 ACSR	7.17Y	119.5	0.00	5.53	0.00	0	0	0	100	0.00	0.0	6.915	0.035	0	0	0	0
PL.58338	PL.46495	C	#2 ACSR	7.17Y	119.5	0.00	5.53	1.37	1	9	2	98	0.00	0.0	6.883	0.003	0	0	0	3
PD.8571	PL.58338	C	50T	7.17Y	119.5	0.00	5.53	1.37	0	9	2	98	0.00	0.0	6.883	0.003	0	0	0	3
PL.58339	PD.8571	C	#2 ACSR	7.17Y	119.5	0.00	5.54	1.37	1	9	2	98	0.00	0.0	6.901	0.018	9	2	3	3
PL.64353	PL.64885	ABC	#1/0 ACSR	7.17Y	119.5	0.00	5.54	13.66	6	266	125	91	0.00	0.0	6.810	0.006	266	125	1	1
PL.58330	PL.46494	ABC	#2 ACSR	7.17Y	119.5	0.00	5.48	3.02	2	59	28	90	0.00	0.0	6.316	0.003	0	0	0	1
PD.8567	PL.58330	ABC	65T	7.17Y	119.5	0.00	5.48	3.02	0	59	28	90	0.00	0.0	6.316	0.003	0	0	0	1
PL.58331	PD.8567	ABC	#2 ACSR	7.17Y	119.5	0.00	5.48	3.02	2	59	28	90	0.00	0.0	6.348	0.032	59	28	1	1

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.58328	PL.46839	C	6 A (CWC)	7.17Y	119.5	0.00	5.47	0.46	0	3	1	95	0.00	0.0	6.253	0.002	0	0	0	1
PD.8566	PL.58328	C	50T	7.17Y	119.5	0.00	5.47	0.46	0	3	1	95	0.00	0.0	6.253	0.002	0	0	0	1
PL.58329	PD.8566	C	6 A (CWC)	7.17Y	119.5	0.00	5.47	0.46	0	3	1	95	0.00	0.0	6.427	0.174	0	0	0	1
PL.58327	PL.58329	C	6 A (CWC)	7.17Y	119.5	0.00	5.47	0.46	0	3	1	95	0.00	0.0	6.542	0.115	3	1	1	1
PL.46491	PL.58362	ABC	#4 ACSR	7.17Y	119.5	0.01	5.47	6.96	5	143	45	95	0.01	0.0	6.205	0.047	0	0	0	10
PL.46492	PL.46491	ABC	#4 ACSR	7.17Y	119.5	0.00	5.47	2.09	2	43	11	97	0.00	0.0	6.205	0.001	0	0	0	1
PD.7223	PL.46492	ABC	75QA	7.17Y	119.5	0.00	5.47	2.09	3	43	11	97	0.00	0.0	6.205	0.001	0	0	0	1
PL.46493	PD.7223	ABC	#4 ACSR	7.17Y	119.5	0.00	5.47	2.09	2	43	11	97	0.00	0.0	6.243	0.038	43	11	1	1
PL.58325	PL.46491	A	1/0 AL URD	7.17Y	119.5	0.00	5.47	1.29	1	9	2	98	0.00	0.0	6.207	0.003	0	0	0	3
PD.8565	PL.58325	A	20T	7.17Y	119.5	0.00	5.47	1.29	0	9	2	98	0.00	0.0	6.207	0.003	0	0	0	3
PL.58326	PD.8565	A	1/0 AL URD	7.17Y	119.5	0.00	5.47	1.29	1	9	2	98	0.00	0.0	6.244	0.037	9	2	3	3
PL.58323	PL.46491	ABC	#2 ACSR	7.17Y	119.5	0.00	5.47	4.45	3	90	32	94	0.00	0.0	6.207	0.003	0	0	0	6
PD.8564	PL.58323	ABC	50T	7.17Y	119.5	0.00	5.47	4.45	3	90	32	94	0.00	0.0	6.207	0.003	0	0	0	6
PL.58324	PD.8564	ABC	#2 ACSR	7.17Y	119.5	0.00	5.47	4.45	3	90	32	94	0.00	0.0	6.242	0.034	40	19	2	6
PL.58322	PL.58324	ABC	#2 ACSR	7.17Y	119.5	0.00	5.47	2.41	1	50	13	97	0.00	0.0	6.245	0.004	0	0	0	4
PL.55978	PL.58322	A	#4 ACSR	7.17Y	119.5	0.01	5.48	7.22	6	50	13	97	0.00	0.0	6.311	0.066	50	13	4	4
PL.58356	PL.58352	A	#2 ACSR	7.18Y	119.7	0.00	5.30	5.85	3	41	11	97	0.00	0.0	5.499	0.003	0	0	0	7
PD.8557	PL.58356	A	65T	7.18Y	119.7	0.00	5.30	5.85	0	41	11	97	0.00	0.0	5.499	0.003	0	0	0	7
PL.58357	PD.8557	A	#2 ACSR	7.18Y	119.7	0.00	5.30	5.85	3	41	11	97	0.00	0.0	5.526	0.027	13	3	2	7
PL.58351	PL.58357	A	#2 ACSR	7.18Y	119.7	0.00	5.30	3.96	2	28	7	97	0.00	0.0	5.547	0.020	18	5	2	5
PL.53654	PL.58351	A	#2 ACSR	7.18Y	119.7	0.00	5.30	1.37	1	10	2	98	0.00	0.0	5.620	0.073	10	2	3	3
PL.58354	PL.58353	ABC	6 A (CWC)	7.18Y	119.7	0.02	5.30	48.79	35	1019	261	97	0.17	0.0	5.442	0.012	66	17	7	121
PL.58056	PL.58354	ABC	6 A (CWC)	7.17Y	119.6	0.12	5.42	45.61	33	952	243	97	0.93	0.1	5.509	0.067	0	0	0	114
PD.8543	PL.58056	ABC	140L	7.17Y	119.6	0.00	5.42	45.61	33	951	243	97	0.00	0.0	5.509	0.067	0	0	0	114
PL.58061	PD.8543	ABC	6 A (CWC)	7.17Y	119.5	0.03	5.45	45.61	33	951	243	97	0.26	0.0	5.528	0.019	12	3	1	114
PL.58285	PL.58061	A	6 A (CWC)	7.17Y	119.5	0.00	5.45	10.11	7	70	18	97	0.00	0.0	5.530	0.002	0	0	0	7
PD.8545	PL.58285	A	40T	7.17Y	119.5	0.00	5.45	10.11	0	70	18	97	0.00	0.0	5.530	0.002	0	0	0	7
PL.58286	PD.8545	A	6 A (CWC)	7.17Y	119.5	0.03	5.48	10.11	7	70	18	97	0.01	0.0	5.614	0.084	26	7	3	7
PL.58057	PL.58286	A	#4 ACSR	7.17Y	119.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	5.770	0.156	0	0	0	0
PL.58058	PL.58286	A	6 A (CWC)	7.17Y	119.5	0.02	5.50	6.33	5	44	11	97	0.01	0.0	5.674	0.061	8	2	1	4
PL.46497	PL.58058	A	6 A (CWC)	7.17Y	119.5	0.01	5.51	5.23	4	36	9	97	0.00	0.0	5.703	0.028	18	5	2	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: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.53187	PL.46497	A	#2 ACSR	7.17Y	119.5	0.00	5.51	2.71	2	19	5	97	0.00	0.0	5.738	0.035	19	5	1	1
PL.58062	PL.58061	A	6 A (CWC)	7.17Y	119.5	0.00	5.45	4.91	4	34	9	97	0.00	0.0	5.531	0.003	0	0	0	5
PD.8544	PL.58062	A	40T	7.17Y	119.5	0.00	5.45	4.91	0	34	9	97	0.00	0.0	5.531	0.003	0	0	0	5
PL.58063	PD.8544	A	6 A (CWC)	7.17Y	119.5	0.01	5.46	4.91	4	34	9	97	0.00	0.0	5.574	0.044	13	3	1	5
PL.58059	PL.58063	A	6 A (CWC)	7.17Y	119.5	0.00	5.46	0.00	0	0	0	100	0.00	0.0	5.618	0.044	0	0	1	1
PL.58060	PL.58063	A	6 A (CWC)	7.17Y	119.5	0.00	5.46	3.07	2	21	6	96	0.00	0.0	5.606	0.032	21	6	3	3
PL.58287	PL.58061	ABC	#1/0 ACSR	7.17Y	119.5	0.02	5.48	40.03	17	835	213	97	0.15	0.0	5.562	0.035	0	0	0	101
PL.58544	PL.58287	A	#2 ACSR	7.17Y	119.5	0.00	5.48	0.87	0	6	2	95	0.00	0.0	5.564	0.001	0	0	0	1
PD.8546	PL.58544	A	40T	7.17Y	119.5	0.00	5.48	0.87	0	6	2	95	0.00	0.0	5.564	0.001	0	0	0	1
PL.58545	PD.8546	A	#2 ACSR	7.17Y	119.5	0.00	5.48	0.87	0	6	2	95	0.00	0.0	5.567	0.003	6	2	1	1
PL.58289	PL.58287	ABC	#1/0 ACSR	7.16Y	119.4	0.13	5.61	39.74	17	829	211	97	0.77	0.1	5.746	0.183	0	0	0	100
PL.58290	PL.58289	A	#2 ACSR	7.16Y	119.4	0.00	5.61	0.69	0	5	1	98	0.00	0.0	5.748	0.002	0	0	0	1
PD.8547	PL.58290	A	30T	7.16Y	119.4	0.00	5.61	0.69	0	5	1	98	0.00	0.0	5.748	0.002	0	0	0	1
PL.58291	PD.8547	A	#2 ACSR	7.16Y	119.4	0.00	5.61	0.69	0	5	1	98	0.00	0.0	5.917	0.170	5	1	1	1
PL.47076	PL.58289	ABC	#1/0 ACSR	7.16Y	119.4	0.04	5.65	39.51	17	823	209	97	0.24	0.0	5.802	0.057	0	0	0	99
PL.47077	PL.47076	ABC	#1/0 ACSR	7.15Y	119.2	0.11	5.76	37.97	17	791	200	97	0.65	0.1	5.970	0.168	0	0	0	96
PL.58300	PL.47077	A	#2 ACSR	7.15Y	119.2	0.00	5.76	6.12	3	42	11	97	0.00	0.0	5.973	0.002	0	0	0	3
PD.8551	PL.58300	A	30T	7.15Y	119.2	0.00	5.76	6.12	0	42	11	97	0.00	0.0	5.973	0.002	0	0	0	3
PL.58301	PD.8551	A	#2 ACSR	7.15Y	119.2	0.00	5.77	6.12	3	42	11	97	0.00	0.0	6.020	0.047	42	11	3	3
PL.58298	PL.47077	A	6 A (CWC)	7.15Y	119.2	0.00	5.76	17.52	13	121	32	97	0.00	0.0	5.973	0.003	0	0	0	12
PD.8550	PL.58298	A	30T	7.15Y	119.2	0.00	5.76	17.52	0	121	32	97	0.00	0.0	5.973	0.003	0	0	0	12
PL.58299	PD.8550	A	6 A (CWC)	7.15Y	119.2	0.05	5.81	17.52	13	121	32	97	0.04	0.0	6.036	0.063	21	6	3	12
PL.58295	PL.58299	A	6 A (CWC)	7.15Y	119.2	0.04	5.85	14.46	10	100	26	97	0.03	0.0	6.094	0.058	0	0	0	9
PL.53722	PL.58295	A	#4 ACSR	7.15Y	119.1	0.00	5.85	3.13	2	22	6	96	0.00	0.0	6.146	0.052	22	6	2	2
PL.53723	PL.58295	A	6 A (CWC)	7.15Y	119.1	0.02	5.86	11.32	8	78	20	97	0.01	0.0	6.130	0.036	9	2	1	7
PL.53724	PL.53723	A	6 A (CWC)	7.15Y	119.1	0.05	5.91	10.08	7	70	18	97	0.03	0.0	6.238	0.108	0	0	0	6
PL.52149	PL.53724	A	6 A (CWC)	7.15Y	119.1	0.00	5.91	0.00	0	0	0	100	0.00	0.0	6.242	0.003	0	0	0	0
PL.60391	PL.53724	A	#4 ACSR	7.15Y	119.1	0.00	5.92	10.08	8	70	18	97	0.00	0.0	6.242	0.003	0	0	0	6
PD.8964	PL.60391	A	15T	7.15Y	119.1	0.00	5.92	10.08	0	70	18	97	0.00	0.0	6.242	0.003	0	0	0	6
PL.62877	PD.8964	A	#4 ACSR	7.14Y	119.1	0.01	5.93	10.08	8	70	18	97	0.01	0.0	6.290	0.048	45	12	3	6
PL.62876	PL.62877	A	#1/0 ACSR	7.14Y	119.1	0.00	5.93	3.62	2	25	6	97	0.00	0.0	6.313	0.023	0	0	0	3

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.59156	PL.62876	A	#4 ACSR	7.14Y	119.1	0.01	5.94	3.62	3	25	6	97	0.00	0.0	6.398	0.085	25	6	3	3
PL.53566	PL.47077	ABC	#1/0 ACSR	7.15Y	119.2	0.06	5.82	28.30	12	589	148	97	0.25	0.0	6.086	0.115	3	1	1	77
PL.63589	PL.53566	ABC	#1/0 ACSR	7.15Y	119.1	0.08	5.89	25.42	11	529	132	97	0.29	0.1	6.253	0.167	0	0	0	66
PL.63590	PL.63589	ABC	#1/0 ACSR	7.14Y	119.1	0.03	5.92	25.29	11	526	131	97	0.10	0.0	6.312	0.059	32	8	2	65
PL.53788	PL.63590	ABC	#1/0 ACSR	7.14Y	119.1	0.02	5.94	23.72	10	493	122	97	0.07	0.0	6.361	0.049	14	4	2	63
PL.53789	PL.53788	ABC	#1/0 ACSR	7.14Y	119.0	0.02	5.96	23.06	10	480	119	97	0.08	0.0	6.416	0.055	10	3	1	61
PL.53790	PL.53789	ABC	#1/0 ACSR	7.14Y	119.0	0.01	5.97	22.57	10	469	116	97	0.04	0.0	6.445	0.029	32	8	3	60
PL.58314	PL.53790	C	#4 ACSR	7.14Y	119.0	0.00	5.98	18.45	14	128	33	97	0.00	0.0	6.448	0.003	0	0	0	16
PD.8555	PL.58314	C	30T	7.14Y	119.0	0.00	5.98	18.45	0	128	33	97	0.00	0.0	6.448	0.003	0	0	0	16
PL.58313	PD.8555	C	#4 ACSR	7.14Y	119.0	0.03	6.00	18.45	14	128	33	97	0.03	0.0	6.483	0.035	16	4	1	16
PL.58312	PL.58313	C	#4 ACSR	7.14Y	119.0	0.03	6.03	16.11	12	111	29	97	0.03	0.0	6.526	0.043	6	2	2	15
PL.46396	PL.58312	C	#4 ACSR	7.14Y	118.9	0.05	6.08	15.18	12	105	27	97	0.04	0.0	6.596	0.071	3	1	1	13
PL.46395	PL.46396	C	#4 ACSR	7.13Y	118.9	0.02	6.10	14.77	11	102	27	97	0.02	0.0	6.630	0.033	0	0	0	12
PL.46791	PL.46395	C	#4 ACSR	7.13Y	118.9	0.00	6.10	4.38	3	30	8	97	0.00	0.0	6.658	0.029	30	8	3	3
PL.46392	PL.46395	C	#4 ACSR	7.13Y	118.9	0.02	6.12	10.38	8	72	19	97	0.01	0.0	6.665	0.035	0	0	0	9
PL.60581	PL.46392	C	#4 ACSR	7.13Y	118.9	0.00	6.12	3.48	3	24	6	97	0.00	0.0	6.668	0.003	0	0	0	3
PD.9044	PL.60581	C	15T	7.13Y	118.9	0.00	6.12	3.48	0	24	6	97	0.00	0.0	6.668	0.003	0	0	0	3
PL.60583	PD.9044	C	#4 ACSR	7.13Y	118.9	0.00	6.12	3.48	3	24	6	97	0.00	0.0	6.708	0.040	12	3	1	3
PL.60582	PL.60583	C	#4 ACSR	7.13Y	118.9	0.00	6.13	1.80	1	12	3	97	0.00	0.0	6.783	0.075	12	3	2	2
PL.60580	PL.60582	C	#4 ACSR	7.13Y	118.9	0.00	6.13	0.00	0	0	0	100	0.00	0.0	6.787	0.004	0	0	0	0
PL.58349	PL.46392	C	#4 ACSR	7.13Y	118.9	0.00	6.12	6.90	5	48	12	97	0.00	0.0	6.668	0.003	0	0	0	6
PD.8556	PL.58349	C	15T	7.13Y	118.9	0.00	6.12	6.90	0	48	12	97	0.00	0.0	6.668	0.003	0	0	0	6
PL.58350	PD.8556	C	#4 ACSR	7.13Y	118.9	0.01	6.13	6.90	5	48	12	97	0.00	0.0	6.695	0.027	8	2	1	6
PL.46393	PL.58350	C	#4 ACSR	7.13Y	118.9	0.01	6.13	5.75	4	40	10	97	0.00	0.0	6.742	0.047	23	6	3	5
PL.46394	PL.46393	C	#4 ACSR	7.13Y	118.9	0.00	6.14	2.37	2	16	4	97	0.00	0.0	6.772	0.030	16	4	2	2
PL.58308	PL.53790	B	1/0 AL URD	7.14Y	119.0	0.00	5.97	9.83	6	69	15	98	0.00	0.0	6.446	0.001	0	0	0	9
PD.8553	PL.58308	B	30T	7.14Y	119.0	0.00	5.97	9.83	0	69	15	98	0.00	0.0	6.446	0.001	0	0	0	9
PL.58309	PD.8553	B	1/0 AL URD	7.14Y	119.0	0.00	5.98	9.83	6	69	15	98	0.00	0.0	6.459	0.013	0	0	0	9
PL.58306	PL.58309	B	1/0 AL URD	7.14Y	119.0	0.01	5.99	9.84	6	69	15	98	0.01	0.0	6.500	0.041	0	0	0	9
PL.52436	PL.58306	B	1/0 AL URD	7.14Y	119.0	0.00	5.99	9.84	6	69	15	98	0.00	0.0	6.509	0.008	0	0	0	9
PL.53793	PL.52436	B	1/0 AL URD	7.14Y	119.0	0.01	6.01	9.84	6	69	15	98	0.01	0.0	6.555	0.046	0	0	0	9

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru			
P	PL.53794		PL.53793	B	1/0 AL URD	7.14Y 119.0	0.00	6.01	-0.01	0	0	0	100	0.00	0.0	6.568	0.013	0	0	0	0	P	
P	PL.52444		PL.53794	B	1/0 AL URD	7.14Y 119.0	0.00	6.01	0.00	0	0	0	100	0.00	0.0	6.570	0.002	0	0	0	0	P	
	PL.53795		PL.53793	B	1/0 AL URD	7.14Y 119.0	0.00	6.01	9.84	6	68	16	97	0.00	0.0	6.567	0.013	0	0	0	0	8	
	PL.52312		PL.53795	B	1/0 AL URD	7.14Y 119.0	0.00	6.01	7.05	4	49	12	97	0.00	0.0	6.579	0.012	0	0	0	0	6	
	PL.52313		PL.52312	B	1/0 AL URD	7.14Y 119.0	0.00	6.02	7.05	4	49	12	97	0.00	0.0	6.590	0.011	0	0	0	0	6	
	PL.52314		PL.52313	B	1/0 AL URD	7.14Y 119.0	0.01	6.02	7.05	4	49	12	97	0.00	0.0	6.613	0.023	0	0	0	0	6	
	PL.52315		PL.52314	B	1/0 AL URD	7.14Y 119.0	0.00	6.02	7.05	4	49	12	97	0.00	0.0	6.618	0.006	0	0	0	0	6	
	PL.52316		PL.52315	B	1/0 AL URD	7.14Y 119.0	0.01	6.03	7.06	4	49	12	97	0.00	0.0	6.657	0.039	0	0	0	0	6	
	PL.52317		PL.52316	B	1/0 AL URD	7.14Y 119.0	0.01	6.04	7.06	4	49	12	97	0.00	0.0	6.699	0.042	0	0	0	0	6	
	PL.52318		PL.52317	B	1/0 AL URD	7.14Y 119.0	0.01	6.05	7.07	4	49	12	97	0.00	0.0	6.736	0.037	11	3	1	1	6	
	PL.52319		PL.52318	B	1/0 AL URD	7.14Y 118.9	0.00	6.05	5.45	3	38	9	97	0.00	0.0	6.764	0.028	18	5	2	2	5	
	PL.52320		PL.52319	B	1/0 AL URD	7.14Y 118.9	0.00	6.05	2.78	2	19	5	97	0.00	0.0	6.808	0.043	19	5	3	3	3	
P	PL.52321		PL.52320	B	1/0 AL URD	7.14Y 118.9	-0.00	6.05	-0.02	0	0	0	100	0.00	0.0	6.847	0.040	0	0	0	0	0	P
	PL.52438		PL.53795	B	1/0 AL URD	7.14Y 119.0	0.00	6.01	2.79	2	19	4	98	0.00	0.0	6.601	0.034	0	0	0	0	2	
	PL.52437		PL.52438	B	1/0 AL URD	7.14Y 119.0	0.00	6.01	2.80	2	19	5	97	0.00	0.0	6.613	0.011	0	0	0	0	2	
	PL.53791		PL.52437	B	1/0 AL URD	7.14Y 119.0	0.00	6.02	2.80	2	19	5	97	0.00	0.0	6.638	0.026	5	1	1	1	2	
	PL.53792		PL.53791	B	1/0 AL URD	7.14Y 119.0	0.00	6.02	2.10	1	15	3	98	0.00	0.0	6.639	0.000	0	0	0	0	1	
	PL.52439		PL.53792	B	1/0 AL URD	7.14Y 119.0	0.00	6.02	2.10	1	15	3	98	0.00	0.0	6.667	0.029	0	0	0	0	1	
	PL.52440		PL.52439	B	1/0 AL URD	7.14Y 119.0	0.00	6.02	2.11	1	15	4	97	0.00	0.0	6.693	0.026	15	4	1	1	1	
P	PL.52441		PL.52440	B	1/0 AL URD	7.14Y 119.0	0.00	6.02	-0.02	0	0	0	100	0.00	0.0	6.694	0.001	0	0	0	0	0	P
P	PL.52442		PL.52441	B	1/0 AL URD	7.14Y 119.0	0.00	6.02	-0.02	0	0	0	100	0.00	0.0	6.699	0.005	0	0	0	0	0	P
P	PL.52443		PL.52442	B	1/0 AL URD	7.14Y 119.0	-0.00	6.02	-0.02	0	0	0	100	0.00	0.0	6.724	0.025	0	0	0	0	0	P
P	PL.52445		PL.52443	B	1/0 AL URD	7.14Y 119.0	0.00	6.02	-0.00	0	0	0	100	0.00	0.0	6.728	0.005	0	0	0	0	0	P
	PL.72977		PL.53793	B	1/0 AL URD	7.14Y 119.0	-0.00	6.01	0.06	0	0	0	100	0.00	0.0	6.584	0.029	0	0	1	1	1	
P	PL.72978		PL.72977	B	1/0 AL URD	7.14Y 119.0	-0.00	6.01	-0.04	0	0	0	100	0.00	0.0	6.666	0.082	0	0	0	0	0	P
	PD.9007		PL.53793	B	100CodeSMo	7.14Y 119.0	0.00	6.01	0.00	0	0	0	100	0.00	0.0	6.555	0.082	0	0	0	0	0	
	PL.58311		PL.53790	B	1/0 AL URD	7.14Y 119.0	0.00	5.97	34.75	20	241	59	97	0.00	0.0	6.446	0.001	0	0	0	0	32	
	PD.8554		PL.58311	B	30T	7.14Y 119.0	0.00	5.97	34.75	0	241	59	97	0.00	0.0	6.446	0.001	0	0	0	0	32	
	PL.58310		PD.8554	B	1/0 AL URD	7.14Y 119.0	0.00	5.98	34.75	20	241	59	97	0.00	0.0	6.448	0.002	0	0	0	0	32	
	PL.58307		PL.58310	B	1/0 AL URD	7.14Y 119.0	0.00	5.98	34.75	20	241	59	97	0.00	0.0	6.450	0.002	0	0	0	0	32	
	PL.52298		PL.58307	B	1/0 AL URD	7.14Y 119.0	0.03	6.01	34.75	20	241	59	97	0.06	0.0	6.479	0.029	0	0	0	0	32	

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.52299	PL.52298	B	1/0 AL URD	7.14Y	119.0	0.00	6.01	1.95	1	14	3	98	0.00	0.0	6.513	0.034	5	1	1	2
PL.52300	PL.52299	B	1/0 AL URD	7.14Y	119.0	0.00	6.01	1.22	1	9	2	98	0.00	0.0	6.532	0.019	0	0	0	1
PL.53939	PL.52300	B	1/0 AL URD	7.14Y	119.0	0.00	6.01	1.23	1	9	2	98	0.00	0.0	6.595	0.062	9	2	1	1
PL.52301	PL.52298	B	1/0 AL URD	7.14Y	119.0	0.01	6.02	32.80	19	227	56	97	0.02	0.0	6.491	0.012	0	0	0	30
PL.52302	PL.52301	B	1/0 AL URD	7.14Y	119.0	0.01	6.04	32.80	19	227	56	97	0.02	0.0	6.504	0.013	0	0	0	30
PL.53796	PL.52302	B	1/0 AL URD	7.14Y	118.9	0.02	6.05	32.80	19	227	56	97	0.03	0.0	6.519	0.016	10	2	3	30
PL.53797	PL.53796	B	1/0 AL URD	7.14Y	118.9	0.01	6.06	31.42	18	218	54	97	0.02	0.0	6.530	0.011	0	0	0	27
PL.52303	PL.53797	B	1/0 AL URD	7.13Y	118.9	0.03	6.09	31.42	18	218	54	97	0.05	0.0	6.562	0.032	4	1	1	27
PL.52304	PL.52303	B	1/0 AL URD	7.13Y	118.9	0.02	6.11	30.91	18	214	53	97	0.03	0.0	6.579	0.017	0	0	0	26
PL.52305	PL.52304	B	1/0 AL URD	7.13Y	118.9	0.01	6.12	30.91	18	214	53	97	0.01	0.0	6.587	0.008	0	0	0	26
PL.52306	PL.52305	B	1/0 AL URD	7.13Y	118.8	0.04	6.15	30.91	18	214	53	97	0.06	0.0	6.625	0.038	12	3	3	26
PL.52307	PL.52306	B	1/0 AL URD	7.13Y	118.8	0.02	6.17	29.16	17	202	50	97	0.03	0.0	6.647	0.022	0	0	0	23
PL.52308	PL.52307	B	1/0 AL URD	7.13Y	118.8	0.01	6.19	29.17	17	202	50	97	0.02	0.0	6.662	0.014	0	0	0	23
PL.52309	PL.52308	B	1/0 AL URD	7.13Y	118.8	0.01	6.20	29.17	17	202	50	97	0.02	0.0	6.672	0.011	8	2	1	23
PL.53852	PL.52309	B	1/0 AL URD	7.13Y	118.8	0.00	6.20	28.03	16	194	48	97	0.00	0.0	6.673	0.001	3	1	1	22
PL.53853	PL.53852	B	1/0 AL URD	7.13Y	118.8	0.02	6.22	27.64	16	191	47	97	0.03	0.0	6.696	0.023	11	3	2	21
PL.52310	PL.53853	B	1/0 AL URD	7.13Y	118.8	0.01	6.23	26.03	15	180	45	97	0.02	0.0	6.709	0.013	0	0	0	19
PL.52311	PL.52310	B	1/0 AL URD	7.13Y	118.8	0.02	6.25	26.03	15	180	45	97	0.03	0.0	6.738	0.029	28	7	2	19
PL.52420	PL.52311	B	1/0 AL URD	7.12Y	118.7	0.03	6.28	22.04	13	152	38	97	0.04	0.0	6.779	0.041	0	0	0	17
PL.52421	PL.52420	B	1/0 AL URD	7.12Y	118.7	0.00	6.28	22.05	13	152	38	97	0.01	0.0	6.786	0.007	0	0	0	17
PL.52422	PL.52421	B	1/0 AL URD	7.12Y	118.7	0.01	6.30	22.05	13	152	38	97	0.02	0.0	6.809	0.023	16	4	2	17
PL.52423	PL.52422	B	1/0 AL URD	7.12Y	118.7	0.03	6.32	19.78	12	137	34	97	0.03	0.0	6.854	0.045	0	0	0	15
PL.52424	PL.52423	B	1/0 AL URD	7.12Y	118.7	0.00	6.33	19.78	12	137	34	97	0.00	0.0	6.860	0.006	0	0	0	15
PL.52425	PL.52424	B	1/0 AL URD	7.12Y	118.7	0.01	6.34	19.78	12	137	34	97	0.01	0.0	6.877	0.017	29	8	4	15
PL.52426	PL.52425	B	1/0 AL URD	7.12Y	118.6	0.02	6.36	15.56	9	108	26	97	0.02	0.0	6.927	0.050	0	0	1	11
PL.53798	PL.52426	B	1/0 AL URD	7.12Y	118.6	0.00	6.36	15.57	9	108	27	97	0.00	0.0	6.928	0.000	21	5	1	10
PL.53799	PL.53798	B	1/0 AL URD	7.12Y	118.6	0.02	6.38	12.53	7	87	21	97	0.01	0.0	6.975	0.047	17	4	2	9
PL.52429	PL.53799	B	1/0 AL URD	7.12Y	118.6	0.01	6.39	10.05	6	69	17	97	0.01	0.0	7.022	0.047	19	5	2	7
PL.52430	PL.52429	B	1/0 AL URD	7.12Y	118.6	0.00	6.40	7.35	4	51	12	97	0.00	0.0	7.040	0.018	0	0	0	5
PL.52428	PL.52430	B	1/0 AL URD	7.12Y	118.6	0.00	6.40	7.36	4	51	12	97	0.00	0.0	7.047	0.006	0	0	0	5
PL.52427	PL.52428	B	1/0 AL URD	7.12Y	118.6	0.00	6.40	7.36	4	51	12	97	0.00	0.0	7.051	0.004	0	0	0	5

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.52431	PL.52427	B	1/0 AL URD	7.12Y	118.6	0.01	6.41	7.36	4	51	12	97	0.00	0.0	7.098	0.047	0	0	0	5
PL.53785	PL.52431	B	1/0 AL URD	7.12Y	118.6	0.01	6.42	7.36	4	51	13	97	0.00	0.0	7.128	0.030	4	1	1	5
PL.53786	PL.53785	B	1/0 AL URD	7.11Y	118.6	0.01	6.42	5.31	3	37	9	97	0.00	0.0	7.178	0.051	10	3	1	3
PL.52432	PL.53786	B	1/0 AL URD	7.11Y	118.6	0.00	6.43	3.85	2	27	7	97	0.00	0.0	7.216	0.037	0	0	0	2
PL.52433	PL.52432	B	1/0 AL URD	7.11Y	118.6	0.00	6.43	3.85	2	27	7	97	0.00	0.0	7.222	0.006	0	0	0	2
PL.52434	PL.52433	B	1/0 AL URD	7.11Y	118.6	0.00	6.43	3.85	2	27	7	97	0.00	0.0	7.248	0.026	27	7	2	2
P PL.52435	PL.52434	B	1/0 AL URD	7.11Y	118.6	0.00	6.43	0.00	0	0	0	100	0.00	0.0	7.249	0.001	0	0	0	0 P
PL.53787	PL.53785	B	1/0 AL URD	7.12Y	118.6	0.00	6.42	1.42	1	10	2	98	0.00	0.0	7.160	0.032	10	3	1	1
PL.63591	PL.63589	B	1/0 AL URD	7.15Y	119.1	0.00	5.89	0.39	0	3	1	95	0.00	0.0	6.308	0.055	3	1	1	1
PL.58304	PL.53566	C	#2 ACSR	7.15Y	119.2	0.00	5.82	8.21	5	57	15	97	0.00	0.0	6.088	0.002	0	0	0	10
PD.8552	PL.58304	C	30T	7.15Y	119.2	0.00	5.82	8.21	0	57	15	97	0.00	0.0	6.088	0.002	0	0	0	10
PL.58305	PD.8552	C	#2 ACSR	7.15Y	119.2	0.01	5.83	8.21	5	57	15	97	0.00	0.0	6.139	0.051	10	3	2	10
PL.58303	PL.58305	C	#1/0 ACSR	7.15Y	119.2	0.00	5.83	1.12	0	8	2	97	0.00	0.0	6.196	0.057	8	2	1	1
PL.58302	PL.58305	C	#2 ACSR	7.15Y	119.2	0.00	5.84	5.57	3	39	10	97	0.00	0.0	6.188	0.049	33	9	6	7
PL.53565	PL.58302	C	#2 ACSR	7.15Y	119.2	0.00	5.84	0.76	0	5	1	98	0.00	0.0	6.265	0.076	5	1	1	1
PL.58296	PL.47077	A	#2 ACSR	7.15Y	119.2	0.00	5.76	5.35	3	37	10	97	0.00	0.0	5.973	0.003	0	0	0	4
PD.8549	PL.58296	A	30T	7.15Y	119.2	0.00	5.76	5.35	0	37	10	97	0.00	0.0	5.973	0.003	0	0	0	4
PL.58297	PD.8549	A	#2 ACSR	7.15Y	119.2	0.01	5.77	5.35	3	37	10	97	0.00	0.0	6.107	0.134	37	10	4	4
PL.58293	PL.47076	C	#2 ACSR	7.16Y	119.4	0.00	5.65	4.63	3	32	8	97	0.00	0.0	5.804	0.002	0	0	0	3
PD.8548	PL.58293	C	30T	7.16Y	119.4	0.00	5.65	4.63	0	32	8	97	0.00	0.0	5.804	0.002	0	0	0	3
PL.58294	PD.8548	C	#2 ACSR	7.16Y	119.4	0.00	5.65	4.63	3	32	8	97	0.00	0.0	5.816	0.012	22	6	2	3
PL.58292	PL.58294	C	#2 ACSR	7.16Y	119.4	0.00	5.65	1.41	1	10	3	96	0.00	0.0	5.855	0.039	10	3	1	1
PL.58288	PL.58287	ABC	#2 ACSR	7.17Y	119.5	0.00	5.48	0.00	0	0	0	100	0.00	0.0	5.688	0.126	0	0	0	0
PL.58052	PL.52793	A	#4 ACSR	7.19Y	119.8	0.00	5.22	11.52	9	80	21	97	0.00	0.0	5.350	0.003	0	0	0	13
PD.8541	PL.58052	A	50T	7.19Y	119.8	0.00	5.22	11.52	0	80	21	97	0.00	0.0	5.350	0.003	0	0	0	13
PL.58053	PD.8541	A	#4 ACSR	7.19Y	119.8	0.02	5.24	11.52	9	80	21	97	0.01	0.0	5.390	0.041	26	7	10	13
PL.58051	PL.58053	A	#2 ACSR	7.19Y	119.8	0.00	5.24	3.37	2	23	6	97	0.00	0.0	5.433	0.043	23	6	2	2
PL.58050	PL.58053	A	#4 ACSR	7.19Y	119.8	0.00	5.24	4.36	3	30	8	97	0.00	0.0	5.415	0.025	30	8	1	1
CP.94	PL.52792	ABC	Cap (300)	7.19Y	119.8	0.00	5.18	0.00	0	0	0	100	0.00	0.0	5.280	0.025	0	0	0	0
PL.58229	PL.53936	A	#2 ACSR	7.21Y	120.2	0.00	4.83	0.43	0	3	1	95	0.00	0.0	4.938	0.003	0	0	0	1
PD.8493	PL.58229	A	20T	7.21Y	120.2	0.00	4.83	0.43	0	3	1	95	0.00	0.0	4.938	0.003	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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.58230	PD.8493	A	#2 ACSR	7.21Y	120.2	0.00	4.83	0.43	0	3	1	95	0.00	0.0	5.005	0.067	3	1	1	1
PL.58154	PL.47121	A	#4 ACSR	7.23Y	120.6	0.00	4.43	3.13	2	22	6	96	0.00	0.0	4.604	0.003	0	0	0	3
PD.8467	PL.58154	A	50T	7.23Y	120.6	0.00	4.43	3.13	0	22	6	96	0.00	0.0	4.604	0.003	0	0	0	3
PL.63600	PD.8467	A	#4 ACSR	7.23Y	120.6	0.00	4.43	3.13	2	22	6	96	0.00	0.0	4.624	0.020	0	0	0	3
PL.63602	PL.63600	A	#1/0 ACSR	7.23Y	120.6	0.00	4.43	1.42	1	10	3	96	0.00	0.0	4.650	0.026	10	3	2	2
PL.63601	PL.63600	A	#4 ACSR	7.23Y	120.6	0.00	4.44	1.72	1	12	3	97	0.00	0.0	4.657	0.033	12	3	1	1
PL.53638	PL.58152	C	#4 ACSR	7.24Y	120.7	0.00	4.31	1.76	1	12	3	97	0.00	0.0	4.543	0.039	10	3	1	3
PL.53639	PL.53638	C	#4 ACSR	7.24Y	120.7	0.00	4.31	0.30	0	2	1	89	0.00	0.0	4.623	0.080	2	1	2	2
PL.60352	PL.58152	A	#4 ACSR	7.24Y	120.7	0.00	4.31	3.76	3	26	7	97	0.00	0.0	4.508	0.003	0	0	0	2
PD.8960	PL.60352	A	65T	7.24Y	120.7	0.00	4.31	3.76	0	26	7	97	0.00	0.0	4.508	0.003	0	0	0	2
PL.60353	PD.8960	A	#4 ACSR	7.24Y	120.7	0.01	4.32	3.76	3	26	7	97	0.00	0.0	4.592	0.084	0	0	0	2
PL.60349	PL.60353	A	#4 ACSR	7.24Y	120.7	0.01	4.33	3.76	3	26	7	97	0.00	0.0	4.631	0.039	11	3	1	2
PL.46757	PL.60349	A	#4 ACSR	7.24Y	120.7	0.00	4.33	2.16	2	15	4	97	0.00	0.0	4.684	0.053	15	4	1	1
PL.60354	PL.58152	C	#2 ACSR	7.24Y	120.7	0.00	4.31	1.28	1	9	2	98	0.00	0.0	4.508	0.003	0	0	0	1
PD.8961	PL.60354	C	65T	7.24Y	120.7	0.00	4.31	1.28	0	9	2	98	0.00	0.0	4.508	0.003	0	0	0	1
PL.60355	PD.8961	C	#2 ACSR	7.24Y	120.7	0.00	4.31	1.28	1	9	2	98	0.00	0.0	4.591	0.083	9	2	1	1
PL.60350	PL.58152	A	6 A (CWC)	7.24Y	120.7	0.00	4.31	5.25	4	37	10	97	0.00	0.0	4.508	0.003	0	0	0	3
PD.8959	PL.60350	A	65T	7.24Y	120.7	0.00	4.31	5.25	0	37	10	97	0.00	0.0	4.508	0.003	0	0	0	3
PL.60351	PD.8959	A	6 A (CWC)	7.24Y	120.7	0.01	4.31	5.25	4	37	10	97	0.00	0.0	4.551	0.043	37	10	3	3
PL.58146	PL.45138	B	#2 ACSR	7.26Y	121.0	0.00	3.96	0.00	0	0	0	100	0.00	0.0	4.252	0.003	0	0	0	0
PD.8463-B	PL.58146	B	Open	7.26Y	121.0	0.00	3.96	0.00	0	0	0	100	0.00	0.0	4.252	0.003	0	0	0	0
PL.58143	PL.46046	C	#2 ACSR	7.29Y	121.5	0.00	3.54	3.33	2	24	6	97	0.00	0.0	3.958	0.003	0	0	0	3
PD.8458	PL.58143	C	25T	7.29Y	121.5	0.00	3.54	3.33	0	24	6	97	0.00	0.0	3.958	0.003	0	0	0	3
PL.58144	PD.8458	C	#2 ACSR	7.29Y	121.5	0.00	3.55	3.33	2	24	6	97	0.00	0.0	4.008	0.049	11	3	1	3
PL.58140	PL.58144	C	#2 ACSR	7.29Y	121.5	0.00	3.55	1.75	1	12	3	97	0.00	0.0	4.041	0.034	12	3	2	2
PL.58138	PL.46045	C	#2 ACSR	7.29Y	121.5	0.00	3.46	0.98	1	7	2	96	0.00	0.0	3.902	0.002	0	0	0	5
PD.8456	PL.58138	C	25T	7.29Y	121.5	0.00	3.46	0.98	0	7	2	96	0.00	0.0	3.902	0.002	0	0	0	5
PL.58139	PD.8456	C	#2 ACSR	7.29Y	121.5	0.00	3.46	0.98	1	7	2	96	0.00	0.0	3.929	0.026	0	0	3	5
PL.58137	PL.58139	C	#2 ACSR	7.29Y	121.5	0.00	3.46	0.94	1	7	2	96	0.00	0.0	3.945	0.016	7	2	2	2
PL.46445	PL.46390	B	#2 ACSR	7.32Y	122.0	0.01	2.97	11.77	7	83	22	97	0.00	0.0	3.604	0.023	20	5	2	10
PL.57806	PL.46445	B	#2 ACSR	7.32Y	122.0	0.01	2.98	8.88	5	63	16	97	0.00	0.0	3.626	0.022	0	0	0	8

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.8413	PL.57806	B	65T	7.32Y	122.0	0.00	2.98	8.88	0	63	16	97	0.00	0.0	3.626	0.022	0	0	0	8
PL.57809	PD.8413	B	#2 ACSR	7.32Y	122.0	0.01	2.99	8.88	5	63	16	97	0.01	0.0	3.671	0.045	5	1	1	8
PL.59155	PL.57809	B	#2 ACSR	7.32Y	122.0	0.00	2.99	1.62	1	11	3	96	0.00	0.0	3.704	0.033	11	3	1	1
PL.57808	PL.57809	B	#4 ACSR	7.32Y	122.0	0.01	3.00	6.50	5	46	12	97	0.00	0.0	3.707	0.037	16	4	2	6
PL.57807	PL.57808	B	#4 ACSR	7.32Y	122.0	0.01	3.01	4.30	3	30	8	97	0.00	0.0	3.792	0.085	16	4	2	4
PL.46446	PL.57807	B	#4 ACSR	7.32Y	122.0	0.00	3.01	0.97	1	7	2	96	0.00	0.0	3.825	0.033	7	2	1	1
PL.53557	PL.57807	B	#4 ACSR	7.32Y	122.0	0.00	3.01	1.11	1	8	2	97	0.00	0.0	3.826	0.034	8	2	1	1
PL.46439	PL.55993	B	#4 ACSR	7.33Y	122.1	0.01	2.90	5.62	4	40	10	97	0.00	0.0	3.581	0.037	0	0	0	4
PD.7222	PL.46439	B	50T	7.33Y	122.1	0.00	2.90	5.62	0	40	10	97	0.00	0.0	3.581	0.037	0	0	0	4
PL.46440	PD.7222	B	#4 ACSR	7.33Y	122.1	0.00	2.90	5.62	4	40	10	97	0.00	0.0	3.581	0.000	11	3	1	4
PL.46592	PL.46440	B	#4 ACSR	7.33Y	122.1	0.01	2.91	4.14	3	29	8	96	0.00	0.0	3.618	0.037	0	0	0	3
PL.46441	PL.46592	B	#4 ACSR	7.33Y	122.1	0.01	2.91	4.14	3	29	8	96	0.00	0.0	3.655	0.037	9	2	1	3
PL.46442	PL.46441	B	#4 ACSR	7.33Y	122.1	0.00	2.92	2.89	2	21	5	97	0.00	0.0	3.703	0.048	12	3	1	2
PL.46443	PL.46442	B	#4 ACSR	7.32Y	122.1	0.00	2.92	1.27	1	9	2	98	0.00	0.0	3.740	0.037	9	2	1	1
PL.46444	PL.46443	B	#4 ACSR	7.32Y	122.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	3.804	0.064	0	0	0	0
CP.66	PL.46591	ABC	Cap (300)	7.36Y	122.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	3.301	0.064	0	0	0	0
PL.46586	PL.53663	A	336 MCM AC	7.39Y	123.2	0.00	1.75	0.00	0	0	0	100	0.00	0.0	3.000	0.000	0	0	0	1
PD.7287	PL.46586	A	30T	7.39Y	123.2	0.00	1.75	0.00	0	0	0	100	0.00	0.0	3.000	0.000	0	0	0	1
PL.46587	PD.7287	A	336 MCM AC	7.39Y	123.2	0.00	1.75	0.00	0	0	0	100	0.00	0.0	3.068	0.068	0	0	1	1
PL.63598	PL.59785	B	1/0 AL URD	7.43Y	123.8	0.00	1.22	1.43	1	11	1	100	0.00	0.0	2.955	0.207	11	3	1	1
P PL.63597	PL.63598	B	1/0 AL URD	7.43Y	123.8	-0.00	1.22	-0.09	0	0	-1	0	0.00	0.0	3.125	0.170	0	0	0	0 P
PL.54702	PL.57790	C	#1/0 ACSR	7.24Y	120.7	0.00	4.26	11.18	5	79	20	97	0.00	0.0	1.696	0.002	0	0	0	8
PD.8153	PL.54702	C	80T	7.24Y	120.7	0.00	4.26	11.18	0	79	20	97	0.00	0.0	1.696	0.002	0	0	0	8
PL.54703	PD.8153	C	#1/0 ACSR	7.24Y	120.7	0.02	4.28	11.18	5	79	20	97	0.01	0.0	1.789	0.092	10	3	2	8
PL.54705	PL.54703	C	#1/0 ACSR	7.24Y	120.7	0.01	4.29	9.69	4	68	17	97	0.00	0.0	1.827	0.038	0	0	0	6
PL.54707	PL.54705	C	#1/0 ACSR	7.24Y	120.7	0.00	4.30	8.11	4	57	14	97	0.00	0.0	1.852	0.026	13	3	1	5
PL.54708	PL.54707	C	#1/0 ACSR	7.24Y	120.7	0.01	4.30	6.28	3	44	11	97	0.00	0.0	1.904	0.051	13	3	1	4
PL.54704	PL.54708	C	1/0 AL URD	7.24Y	120.7	0.01	4.31	4.41	3	31	8	97	0.00	0.0	1.955	0.051	12	3	2	3
PL.54700	PL.54704	C	1/0 AL URD	7.24Y	120.7	0.00	4.31	2.78	2	20	5	97	0.00	0.0	2.037	0.083	20	5	1	1
PL.54706	PL.54705	C	6 A (CWC)	7.24Y	120.7	0.00	4.29	1.57	1	11	3	96	0.00	0.0	1.901	0.074	11	3	1	1
PL.57818	PL.57790	ABC	336 MCM AC	7.24Y	120.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	1.697	0.002	0	0	0	0

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.8416-A	PL.57818	ABC	Open	7.24Y	120.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	1.697	0.002	0	0	0	0
PL.45560	PL.45559	C	6 A (CWC)	7.28Y	121.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	1.423	0.003	0	0	0	0
PD.7194	PL.45560	C	40T	7.28Y	121.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	1.423	0.003	0	0	0	0
PL.45561	PD.7194	C	6 A (CWC)	7.28Y	121.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	1.506	0.083	0	0	0	0
PL.47029	PL.46364	C	6 A (CWC)	7.33Y	122.1	0.00	2.90	3.02	2	21	6	96	0.00	0.0	1.134	0.002	0	0	0	4
PD.7261	PL.47029	C	100T	7.33Y	122.1	0.00	2.90	3.02	0	21	6	96	0.00	0.0	1.134	0.002	0	0	0	4
PL.47030	PD.7261	C	6 A (CWC)	7.33Y	122.1	0.00	2.91	3.02	2	21	6	96	0.00	0.0	1.149	0.015	0	0	0	4
PL.65300	PL.47030	C	6 A (CWC)	7.33Y	122.1	0.01	2.91	3.02	2	21	6	96	0.00	0.0	1.190	0.041	0	0	0	4
PL.65301	PL.65300	C	6 A (CWC)	7.33Y	122.1	0.00	2.91	3.02	2	21	6	96	0.00	0.0	1.190	0.000	0	0	0	4
PL.54830	PL.65301	C	6 A (CWC)	7.32Y	122.1	0.01	2.92	3.02	2	21	6	96	0.00	0.0	1.271	0.080	0	0	0	4
PL.47009	PL.54830	C	6 A (CWC)	7.32Y	122.1	0.02	2.94	1.92	1	14	4	96	0.00	0.0	1.470	0.199	0	0	1	3
PL.47010	PL.47009	C	6 A (CWC)	7.32Y	122.1	0.01	2.95	1.92	1	14	4	96	0.00	0.0	1.547	0.077	0	0	0	2
PL.47011	PL.47010	C	6 A (CWC)	7.32Y	122.1	0.00	2.95	1.92	1	14	4	96	0.00	0.0	1.547	0.000	0	0	0	2
PL.54680	PL.47011	C	6 A (CWC)	7.32Y	122.0	0.00	2.95	1.92	1	14	4	96	0.00	0.0	1.610	0.063	14	4	1	2
PL.54681	PL.54680	C	6 A (CWC)	7.32Y	122.0	0.00	2.95	0.01	0	0	0	100	0.00	0.0	1.673	0.063	0	0	1	1
PL.54852	PL.54830	C	6 A (CWC)	7.32Y	122.1	0.00	2.92	1.10	1	8	2	97	0.00	0.0	1.335	0.064	8	2	1	1
PL.45103	PL.46363	C	6 A (CWC)	7.34Y	122.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	1.067	0.002	0	0	0	0
PD.7225	PL.45103	C	60QA	7.34Y	122.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	1.067	0.002	0	0	0	0
PL.45104	PD.7225	C	6 A (CWC)	7.34Y	122.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	1.164	0.097	0	0	0	0
PL.56178	PL.56177	C	6 A (CWC)	7.43Y	123.8	0.00	1.16	6.63	5	48	12	97	0.00	0.0	0.432	0.000	0	0	0	5
PD.7279	PL.56178	C	40T	7.43Y	123.8	0.00	1.16	6.63	0	48	12	97	0.00	0.0	0.432	0.000	0	0	0	5
PL.46024	PD.7279	C	6 A (CWC)	7.43Y	123.8	0.01	1.17	6.63	5	48	12	97	0.00	0.0	0.501	0.068	33	8	3	5
PL.46843	PL.46024	C	6 A (CWC)	7.43Y	123.8	0.00	1.18	2.09	1	15	4	97	0.00	0.0	0.554	0.053	15	4	2	2
PL.54458	PL.54456	B	#1/0 ACSR	7.45Y	124.1	0.00	0.89	3.55	2	26	7	97	0.00	0.0	0.331	0.002	0	0	0	2
PD.8156	PL.54458	B	140T	7.45Y	124.1	0.00	0.89	3.55	0	26	7	97	0.00	0.0	0.331	0.002	0	0	0	2
PL.54459	PD.8156	B	#1/0 ACSR	7.45Y	124.1	0.00	0.89	3.55	2	26	7	97	0.00	0.0	0.345	0.015	26	7	2	2
PL.54457	PL.54456	B	6 A (CWC)	7.45Y	124.1	0.00	0.89	21.97	16	159	40	97	0.00	0.0	0.330	0.001	0	0	0	29
PD.6995	PL.54457	B	40T	7.45Y	124.1	0.00	0.89	21.97	0	159	40	97	0.00	0.0	0.330	0.001	0	0	0	29
PL.46617	PD.6995	B	6 A (CWC)	7.44Y	124.1	0.05	0.94	21.97	16	159	40	97	0.06	0.0	0.390	0.061	36	9	6	29
PL.46618	PL.46617	B	6 A (CWC)	7.44Y	124.0	0.05	0.99	17.02	12	123	31	97	0.04	0.0	0.451	0.061	0	0	0	23
PL.46410	PL.46618	B	6 A (CWC)	7.44Y	124.0	0.03	1.02	12.43	9	90	23	97	0.02	0.0	0.504	0.053	5	1	1	17

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46620	PL.46410	B	6 A (CWC)	7.44Y	123.9	0.04	1.06	11.73	8	85	21	97	0.03	0.0	0.586	0.082	0	0	0	16
PL.46018	PL.46620	B	6 A (CWC)	7.43Y	123.9	0.04	1.10	11.31	8	82	21	97	0.02	0.0	0.668	0.082	9	2	1	12
PL.54684	PL.46018	B	6 A (CWC)	7.43Y	123.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	0.706	0.038	0	0	0	0
PL.46187	PL.46018	B	6 A (CWC)	7.43Y	123.9	0.04	1.14	9.55	7	69	17	97	0.02	0.0	0.755	0.087	0	0	0	9
PL.46020	PL.46187	B	6 A (CWC)	7.43Y	123.8	0.05	1.19	6.52	5	47	12	97	0.02	0.0	0.932	0.178	9	2	1	6
PL.46021	PL.46020	B	6 A (CWC)	7.43Y	123.8	0.01	1.19	5.21	4	38	9	97	0.00	0.0	0.960	0.028	12	3	1	5
PL.46986	PL.46021	B	6 A (CWC)	7.43Y	123.8	0.02	1.22	2.24	2	16	4	97	0.00	0.0	1.200	0.240	0	0	0	3
PL.46987	PL.46986	B	6 A (CWC)	7.43Y	123.8	0.01	1.22	1.84	1	13	3	97	0.00	0.0	1.269	0.069	0	0	0	2
PL.60584	PL.46987	B	#1/0 ACSR	7.43Y	123.8	0.00	1.23	1.84	1	13	3	97	0.00	0.0	1.356	0.087	13	3	2	2
PL.66237	PL.60584	B	1/0 AL URD	7.43Y	123.8	-0.00	1.23	-0.09	0	0	-1	0	0.00	0.0	1.413	0.057	0	0	0	0
P PL.66238	PL.66237	B	1/0 AL URD	7.43Y	123.8	-0.00	1.23	-0.06	0	0	0	100	0.00	0.0	1.484	0.071	0	0	0	0 P
P PL.66239	PL.66238	B	1/0 AL URD	7.43Y	123.8	-0.00	1.23	-0.02	0	0	0	100	0.00	0.0	1.510	0.026	0	0	0	0 P
P PL.66240	PL.66239	B	1/0 AL URD	7.43Y	123.8	0.00	1.23	-0.01	0	0	0	100	0.00	0.0	1.530	0.020	0	0	0	0 P
PL.46989	PL.46986	B	6 A (CWC)	7.43Y	123.8	0.00	1.22	0.40	0	3	1	95	0.00	0.0	1.255	0.055	3	1	1	1
PL.54686	PL.46021	B	#2 ACSR	7.43Y	123.8	0.00	1.20	1.35	1	10	3	96	0.00	0.0	1.014	0.054	10	3	1	1
PL.54687	PL.54686	B	#1/0 ACSR	7.43Y	123.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	1.124	0.110	0	0	0	0
PL.54763	PL.46187	B	6 A (CWC)	7.43Y	123.8	0.01	1.15	3.03	2	22	6	96	0.00	0.0	0.838	0.083	0	0	0	3
PL.58378	PL.54763	B	6 A (CWC)	7.43Y	123.8	0.00	1.15	2.30	2	17	4	97	0.00	0.0	0.840	0.002	0	0	0	2
PD.8612	PL.58378	B	12T	7.43Y	123.8	0.00	1.15	2.30	0	17	4	97	0.00	0.0	0.840	0.002	0	0	0	2
PL.58379	PD.8612	B	6 A (CWC)	7.43Y	123.8	0.04	1.19	2.30	2	17	4	97	0.00	0.0	1.229	0.389	0	0	0	2
PL.54877	PL.58379	B	6 A (CWC)	7.43Y	123.8	0.00	1.20	2.30	2	17	4	97	0.00	0.0	1.300	0.071	17	4	2	2
PL.54851	PL.54877	B	6 A (CWC)	7.43Y	123.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	1.389	0.089	0	0	0	0
PL.58377	PL.54763	B	6 A (CWC)	7.43Y	123.8	0.00	1.15	0.73	1	5	1	98	0.00	0.0	0.887	0.049	5	1	1	1
PL.45940	PL.46018	B	6 A (CWC)	7.43Y	123.9	0.00	1.10	0.06	0	0	0	100	0.00	0.0	0.766	0.099	0	0	0	1
PL.45941	PL.45940	B	6 A (CWC)	7.43Y	123.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	0.832	0.066	0	0	0	0
PL.46000	PL.45940	B	#4 ACSR	7.43Y	123.9	0.00	1.10	0.06	0	0	0	100	0.00	0.0	0.861	0.094	0	0	1	1
PL.46237	PL.46018	B	#2 ACSR	7.43Y	123.9	0.00	1.10	0.44	0	3	1	95	0.00	0.0	0.722	0.054	3	1	1	1
PL.46019	PL.46620	B	6 A (CWC)	7.44Y	123.9	0.00	1.06	0.42	0	3	1	95	0.00	0.0	0.588	0.002	0	0	0	4
PD.6999	PL.46019	B	50T	7.44Y	123.9	0.00	1.06	0.42	0	3	1	95	0.00	0.0	0.588	0.002	0	0	0	4
PL.54685	PD.6999	B	6 A (CWC)	7.44Y	123.9	0.00	1.06	0.42	0	3	1	95	0.00	0.0	0.633	0.045	3	1	4	4
PL.45999	PL.46618	B	6 A (CWC)	7.44Y	124.0	0.00	0.99	1.13	1	8	2	97	0.00	0.0	0.493	0.041	8	2	2	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: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46619	PL.46618	B	6 A (CWC)	7.44Y	124.0	0.00	1.00	3.47	2	25	6	97	0.00	0.0	0.475	0.024	2	1	1	4
PL.54918	PL.46619	B	6 A (CWC)	7.44Y	124.0	0.00	1.00	3.17	2	23	6	97	0.00	0.0	0.496	0.021	15	4	2	3
PL.62957	PL.54918	B	6 A (CWC)	7.44Y	124.0	0.00	1.00	1.14	1	8	2	97	0.00	0.0	0.505	0.010	0	0	0	1
PL.62958	PL.62957	B	#1/0 ACSR	7.44Y	124.0	0.00	1.00	1.14	0	8	2	97	0.00	0.0	0.517	0.012	0	0	0	1
PL.58753	PL.62958	B	1/0 AL URD	7.44Y	124.0	0.00	1.00	1.14	1	8	2	97	0.00	0.0	0.565	0.048	8	2	1	1
PL.57993	PL.46727	ABC	#2 ACSR	7.48Y	124.6	0.00	0.37	5.24	3	110	42	93	0.00	0.0	0.156	0.021	0	0	0	6
PD.8401	PL.57993	ABC	100T	7.48Y	124.6	0.00	0.37	5.24	0	110	42	93	0.00	0.0	0.156	0.021	0	0	0	6
PL.57994	PD.8401	ABC	#2 ACSR	7.48Y	124.6	0.01	0.38	5.24	3	110	42	93	0.01	0.0	0.234	0.078	28	7	3	6
PL.45831	PL.57994	ABC	#2 ACSR	7.48Y	124.6	0.00	0.39	3.97	2	82	35	92	0.00	0.0	0.309	0.074	61	29	1	3
PL.45832	PL.45831	ABC	#2 ACSR	7.48Y	124.6	0.00	0.39	0.45	0	10	3	96	0.00	0.0	0.358	0.050	10	3	1	1
PL.45833	PL.45831	A	#1/0 ACSR	7.48Y	124.6	0.00	0.39	1.60	1	12	3	97	0.00	0.0	0.309	0.000	0	0	0	1
PD.7189	PL.45833	A	40QA	7.48Y	124.6	0.00	0.39	1.60	4	12	3	97	0.00	0.0	0.309	0.000	0	0	0	1
PL.45834	PD.7189	A	#1/0 ACSR	7.48Y	124.6	0.00	0.39	1.60	1	12	3	97	0.00	0.0	0.380	0.071	12	3	1	1
PL.52870	Campground	ABC	336 MCM AC	7.50Y	125.0	0.00	0.00	288.82	56	6167	2048	95	0.14	0.0	0.002	0.002	0	0	0	938
PL.52875	PL.52870	ABC	336 MCM AC	7.50Y	125.0	0.01	0.01	288.82	56	6167	2048	95	0.19	0.0	0.005	0.003	0	0	0	938
----- Feeder No. 2 (Campground F2) Beginning with Device PD.7982 -----																				
PD.7982	PL.52875	ABC	480VWE	7.50Y	125.0	0.00	0.01	288.82	0	6167	2048	95	0.00	0.0	0.005	0.003	0	0	0	938
PL.45835	PD.7982	ABC	336 MCM AC	7.50Y	124.9	0.06	0.07	288.82	56	6167	2048	95	1.90	0.0	0.032	0.027	19	5	2	938
PL.45129	PL.45835	ABC	336 MCM AC	7.49Y	124.8	0.13	0.20	287.94	55	6146	2038	95	3.85	0.1	0.087	0.055	25	6	6	936
PL.45130	PL.45129	ABC	336 MCM AC	7.47Y	124.5	0.28	0.48	286.81	55	6117	2023	95	8.57	0.1	0.211	0.124	0	0	0	930
PL.44726	PL.45130	ABC	336 MCM AC	7.46Y	124.4	0.15	0.63	284.39	55	6056	1990	95	4.56	0.1	0.278	0.067	18	5	2	924
PL.54849	PL.44726	ABC	336 MCM AC	7.45Y	124.2	0.15	0.77	283.56	55	6033	1974	95	4.48	0.1	0.344	0.066	11	3	1	922
PL.54850	PL.54849	ABC	336 MCM AC	7.45Y	124.1	0.09	0.86	283.03	55	6017	1961	95	2.67	0.0	0.384	0.040	0	0	1	921
PL.46351	PL.54850	ABC	336 MCM AC	7.35Y	122.5	1.61	2.47	283.03	55	6015	1955	95	49.49	0.8	1.117	0.733	0	0	0	920
PL.47054	PL.46351	ABC	336 MCM AC	7.35Y	122.5	0.06	2.54	279.19	54	5883	1818	96	1.96	0.0	1.147	0.030	5	1	1	908
PL.46764	PL.47054	ABC	336 MCM AC	7.32Y	122.0	0.49	3.02	278.94	54	5876	1812	96	14.98	0.3	1.375	0.229	0	0	0	907
PL.46767	PL.46764	ABC	336 MCM AC	7.30Y	121.7	0.30	3.32	278.57	54	5853	1775	96	9.16	0.2	1.516	0.140	7	2	2	906
PL.47057	PL.46767	A	6 A (CWC)	7.30Y	121.7	0.00	3.32	2.80	2	20	5	97	0.00	0.0	1.516	0.000	0	0	0	3
PD.7007	PL.47057	A	75QA	7.30Y	121.7	0.00	3.32	2.80	4	20	5	97	0.00	0.0	1.516	0.000	0	0	0	3

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.54451	PD.7007	A	6 A (CWC)	7.30Y	121.7	0.01	3.33	2.80	2	20	5	97	0.00	0.0	1.570	0.054	6	1	1	3
PL.54452	PL.54451	A	#1/0 ACSR	7.30Y	121.7	0.00	3.33	2.01	1	14	4	96	0.00	0.0	1.620	0.050	7	2	1	2
PL.54453	PL.54452	A	#1/0 ACSR	7.30Y	121.7	0.00	3.33	1.06	0	7	2	96	0.00	0.0	1.770	0.150	7	2	1	1
PL.57721	PL.46767	ABC	336 MCM AC	7.30Y	121.6	0.05	3.37	277.31	53	5817	1746	96	1.57	0.0	1.540	0.024	9	2	1	901
PL.57722	PL.57721	ABC	336 MCM AC	7.29Y	121.5	0.08	3.46	276.88	53	5806	1740	96	2.51	0.0	1.579	0.039	0	0	0	900
PL.47058	PL.57722	ABC	336 MCM AC	7.29Y	121.5	0.09	3.55	269.08	52	5639	1691	96	2.68	0.0	1.623	0.044	0	0	0	881
PL.47060	PL.47058	A	#1/0 ACSR	7.29Y	121.5	0.00	3.55	1.40	1	10	3	96	0.00	0.0	1.623	0.001	0	0	0	1
PD.7008	PL.47060	A	75QA	7.29Y	121.5	0.00	3.55	1.40	2	10	3	96	0.00	0.0	1.623	0.001	0	0	0	1
PL.46709	PD.7008	A	#1/0 ACSR	7.29Y	121.5	0.00	3.55	1.40	1	10	3	96	0.00	0.0	1.674	0.051	10	3	1	1
PL.47059	PL.47058	ABC	336 MCM AC	7.27Y	121.1	0.34	3.88	268.61	52	5626	1682	96	10.00	0.2	1.787	0.165	0	0	0	880
PL.46327	PL.47059	ABC	336 MCM AC	7.25Y	120.8	0.32	4.20	258.41	50	5401	1603	96	9.11	0.2	1.950	0.162	19	5	2	845
PL.56147	PL.46327	ABC	336 MCM AC	7.23Y	120.5	0.28	4.48	256.83	49	5358	1573	96	8.15	0.2	2.097	0.147	19	5	3	839
PL.56152	PL.56147	ABC	336 MCM AC	7.23Y	120.5	0.04	4.53	255.82	49	5329	1548	96	1.17	0.0	2.118	0.021	4	1	2	835
PL.56151	PL.56152	ABC	336 MCM AC	7.22Y	120.4	0.06	4.59	255.64	49	5324	1545	96	1.84	0.0	2.151	0.033	9	2	2	833
PL.56150	PL.56151	C	6 A (CWC)	7.22Y	120.4	0.00	4.59	0.99	1	7	2	96	0.00	0.0	2.155	0.004	0	0	0	1
PD.8231	PL.56150	C	75QA	7.22Y	120.4	0.00	4.59	0.99	1	7	2	96	0.00	0.0	2.155	0.004	0	0	0	1
PL.56145	PD.8231	C	6 A (CWC)	7.22Y	120.4	0.00	4.59	0.99	1	7	2	96	0.00	0.0	2.206	0.051	7	2	1	1
PL.56072	PL.56151	ABC	336 MCM AC	7.22Y	120.3	0.11	4.70	254.88	49	5306	1536	96	3.24	0.1	2.211	0.059	9	2	1	830
PL.56073	PL.56072	ABC	336 MCM AC	7.21Y	120.2	0.08	4.78	254.47	49	5294	1527	96	2.15	0.0	2.250	0.039	11	3	1	829
PL.55915	PL.56073	ABC	336 MCM AC	7.20Y	120.1	0.15	4.93	253.94	49	5281	1519	96	4.38	0.1	2.331	0.081	10	2	1	828
PL.46479	PL.55915	ABC	336 MCM AC	7.19Y	119.9	0.15	5.08	253.48	49	5267	1506	96	4.34	0.1	2.411	0.080	3	1	1	827
PL.56565	PL.46479	ABC	336 MCM AC	7.19Y	119.8	0.12	5.21	202.28	39	4194	1212	96	2.79	0.1	2.492	0.081	12	3	1	658
PL.56566	PL.56565	A	#4 ACSR	7.19Y	119.8	0.00	5.21	1.37	1	10	2	98	0.00	0.0	2.496	0.004	0	0	0	2
PD.8309	PL.56566	A	75QA	7.19Y	119.8	0.00	5.21	1.37	2	10	2	98	0.00	0.0	2.496	0.004	0	0	0	2
PL.56569	PD.8309	A	#4 ACSR	7.19Y	119.8	0.00	5.21	1.37	1	10	2	98	0.00	0.0	2.554	0.058	10	2	2	2
PL.56567	PL.56565	ABC	336 MCM AC	7.18Y	119.7	0.08	5.29	201.23	39	4170	1200	96	1.75	0.0	2.544	0.052	26	7	4	655
PL.56568	PL.56567	ABC	336 MCM AC	7.18Y	119.7	0.06	5.35	199.48	38	4132	1186	96	1.41	0.0	2.586	0.042	7	2	1	650
PL.52103	PL.56568	A	6 A (CWC)	7.18Y	119.7	0.00	5.35	3.28	2	23	6	97	0.00	0.0	2.586	0.000	0	0	0	2
PD.7013	PL.52103	A	75QA	7.18Y	119.7	0.00	5.35	3.28	4	23	6	97	0.00	0.0	2.586	0.000	0	0	0	2
PL.45934	PD.7013	A	6 A (CWC)	7.18Y	119.6	0.01	5.36	3.28	2	23	6	97	0.00	0.0	2.648	0.061	15	4	1	2
PL.45933	PL.45934	A	6 A (CWC)	7.18Y	119.6	0.00	5.36	1.08	1	7	2	96	0.00	0.0	2.745	0.097	7	2	1	1

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.52243	PL.56568	ABC	336 MCM AC	7.18Y	119.7	0.00	5.35	176.66	34	3655	1058	96	0.01	0.0	2.586	0.000	0	0	0	580
RG.56	PL.52243	ABC	250kva	7.46Y	124.3	-4.66	0.69	176.66	54	3655	1058	96	percent Boost= 3.75		3.75	Tap= 6.0				580
PL.52244	RG.56	ABC	336 MCM AC	7.46Y	124.3	0.05	0.74	170.04	33	3655	1058	96	0.94	0.0	2.625	0.039	9	2	2	580
PL.52107	PL.52244	ABC	336 MCM AC	7.45Y	124.2	0.05	0.79	169.61	33	3645	1053	96	0.94	0.0	2.664	0.039	0	0	0	578
PL.52108	PL.52107	ABC	336 MCM AC	7.45Y	124.2	0.02	0.81	169.61	33	3644	1051	96	0.44	0.0	2.682	0.018	20	5	4	578
PL.52109	PL.52108	ABC	336 MCM AC	7.45Y	124.1	0.08	0.89	167.22	32	3591	1036	96	1.57	0.0	2.749	0.067	12	3	1	570
PL.52777	PL.52109	ABC	336 MCM AC	7.45Y	124.1	0.02	0.91	165.84	32	3560	1025	96	0.39	0.0	2.766	0.017	0	0	0	566
PL.52778	PL.52777	ABC	336 MCM AC	7.44Y	124.1	0.00	0.92	165.84	32	3560	1024	96	0.04	0.0	2.767	0.002	0	0	0	566
PL.53281	PL.52778	ABC	336 MCM AC	7.44Y	124.0	0.04	0.96	165.84	32	3560	1024	96	0.73	0.0	2.799	0.032	3	1	1	566
PL.53280	PL.53281	ABC	336 MCM AC	7.44Y	124.0	0.06	1.02	165.72	32	3556	1022	96	1.11	0.0	2.847	0.048	0	0	0	565
PL.56076	PL.53280	C	#4 ACSR	7.44Y	124.0	0.00	1.02	4.89	4	35	9	97	0.00	0.0	2.848	0.001	0	0	0	6
PD.8299	PL.56076	C	75QA	7.44Y	124.0	0.00	1.02	4.89	7	35	9	97	0.00	0.0	2.848	0.001	0	0	0	6
PL.56077	PD.8299	C	#4 ACSR	7.44Y	124.0	0.01	1.02	4.89	4	35	9	97	0.00	0.0	2.896	0.048	15	4	3	6
PL.56078	PL.56077	C	#4 ACSR	7.44Y	124.0	0.01	1.03	2.77	2	20	5	97	0.00	0.0	2.945	0.050	0	0	0	3
PL.56375	PL.56078	C	#1/0 ACSR	7.44Y	124.0	0.00	1.03	2.77	1	20	5	97	0.00	0.0	2.963	0.017	9	2	1	3
PL.56376	PL.56375	C	#1/0 ACSR	7.44Y	124.0	0.00	1.03	1.48	1	11	3	96	0.00	0.0	2.987	0.024	11	3	2	2
PL.53286	PL.53280	ABC	336 MCM AC	7.44Y	123.9	0.07	1.08	163.81	32	3514	1008	96	1.21	0.0	2.901	0.054	0	0	0	558
PL.53285	PL.53286	C	6 A (CWC)	7.44Y	123.9	0.00	1.08	32.54	23	234	61	97	0.00	0.0	2.901	0.000	0	0	0	40
PD.7963	PL.53285	C	75QA	7.44Y	123.9	0.00	1.08	32.54	43	234	61	97	0.00	0.0	2.901	0.000	0	0	0	40
PL.53284	PD.7963	C	6 A (CWC)	7.43Y	123.9	0.04	1.12	32.54	23	234	61	97	0.06	0.0	2.929	0.028	43	11	4	40
PL.53283	PL.53284	C	6 A (CWC)	7.43Y	123.8	0.07	1.19	26.59	19	191	50	97	0.10	0.1	2.993	0.065	20	5	4	36
PL.46382	PL.53283	C	6 A (CWC)	7.43Y	123.8	0.01	1.21	18.05	13	130	34	97	0.01	0.0	3.012	0.018	6	2	1	26
PL.60478	PL.46382	C	#4 ACSR	7.43Y	123.8	0.00	1.21	4.79	4	34	9	97	0.00	0.0	3.015	0.003	0	0	0	5
PD.9004	PL.60478	C	30T	7.43Y	123.8	0.00	1.21	4.79	0	34	9	97	0.00	0.0	3.015	0.003	0	0	0	5
PL.60479	PD.9004	C	#4 ACSR	7.43Y	123.8	0.03	1.24	4.79	4	34	9	97	0.01	0.0	3.163	0.148	4	1	1	5
PL.55650	PL.60479	C	#4 ACSR	7.43Y	123.8	0.01	1.25	4.29	3	31	8	97	0.00	0.0	3.207	0.044	9	2	1	4
PL.55651	PL.55650	C	#4 ACSR	7.43Y	123.8	0.00	1.25	0.00	0	0	0	100	0.00	0.0	3.226	0.019	0	0	0	0
PL.55649	PL.55651	C	#4 ACSR	7.43Y	123.8	0.00	1.25	0.00	0	0	0	100	0.00	0.0	3.307	0.081	0	0	0	0
PL.57877	PL.55650	C	6 A (CWC)	7.43Y	123.8	0.00	1.25	3.05	2	22	6	96	0.00	0.0	3.230	0.023	15	4	2	3
PL.57878	PL.57877	C	6 A (CWC)	7.43Y	123.8	0.00	1.25	0.95	1	7	2	96	0.00	0.0	3.292	0.063	7	2	1	1
PL.60480	PL.46382	C	6 A (CWC)	7.43Y	123.8	0.00	1.21	12.44	9	89	23	97	0.00	0.0	3.015	0.003	0	0	0	20

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.9005	PL.60480	C	25T	7.43Y	123.8	0.00	1.21	12.44	0	89	23	97	0.00	0.0	3.015	0.003	0	0	0	20
PL.60481	PD.9005	C	6 A (CWC)	7.43Y	123.8	0.01	1.22	12.44	9	89	23	97	0.00	0.0	3.037	0.022	49	13	10	20
PL.57971	PL.60481	C	6 A (CWC)	7.43Y	123.8	0.01	1.23	5.59	4	40	10	97	0.00	0.0	3.110	0.073	15	4	4	10
PL.56284	PL.57971	C	#1/0 ACSR	7.43Y	123.8	0.00	1.23	1.24	1	9	2	98	0.00	0.0	3.125	0.015	9	2	1	2
PL.56285	PL.56284	C	#1/0 ACSR	7.43Y	123.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	3.161	0.036	0	0	1	1
PL.56283	PL.57971	C	6 A (CWC)	7.43Y	123.8	0.01	1.24	2.20	2	16	4	97	0.00	0.0	3.170	0.060	0	0	1	4
PL.46383	PL.56283	C	6 A (CWC)	7.43Y	123.8	0.00	1.24	2.18	2	16	4	97	0.00	0.0	3.192	0.022	8	2	1	3
PL.46512	PL.46383	C	6 A (CWC)	7.43Y	123.8	0.00	1.24	1.10	1	8	2	97	0.00	0.0	3.269	0.077	6	1	1	2
PL.55648	PL.46512	C	6 A (CWC)	7.43Y	123.8	0.00	1.25	0.30	0	2	1	89	0.00	0.0	3.319	0.050	2	1	1	1
PL.60476	PL.53283	C	6 A (CWC)	7.43Y	123.8	0.00	1.19	4.48	3	32	8	97	0.00	0.0	2.997	0.004	0	0	0	5
PD.9003	PL.60476	C	30T	7.43Y	123.8	0.00	1.19	4.48	0	32	8	97	0.00	0.0	2.997	0.004	0	0	0	5
PL.60477	PD.9003	C	6 A (CWC)	7.43Y	123.8	0.00	1.20	4.48	3	32	8	97	0.00	0.0	3.011	0.014	7	2	2	5
PL.64781	PL.60477	C	6 A (CWC)	7.43Y	123.8	0.01	1.20	3.51	3	25	7	96	0.00	0.0	3.054	0.043	0	0	0	3
PL.64782	PL.64781	C	6 A (CWC)	7.43Y	123.8	0.00	1.20	3.51	3	25	7	96	0.00	0.0	3.054	0.000	18	5	2	3
PL.56374	PL.64782	C	6 A (CWC)	7.43Y	123.8	0.00	1.21	0.99	1	7	2	96	0.00	0.0	3.130	0.076	7	2	1	1
PL.60474	PL.53283	C	#2 ACSR	7.43Y	123.8	0.00	1.19	1.22	1	9	2	98	0.00	0.0	2.997	0.003	0	0	0	1
PD.9002	PL.60474	C	30T	7.43Y	123.8	0.00	1.19	1.22	0	9	2	98	0.00	0.0	2.997	0.003	0	0	0	1
PL.60475	PD.9002	C	#2 ACSR	7.43Y	123.8	0.00	1.19	1.22	1	9	2	98	0.00	0.0	3.014	0.018	9	2	1	1
PL.60573	PL.53286	ABC	336 MCM AC	7.43Y	123.8	0.09	1.17	152.97	29	3279	944	96	1.51	0.0	2.977	0.077	0	0	0	518
PD.9043-A	PL.60573	ABC	Closed	7.43Y	123.8	0.00	1.17	152.97	0	3277	941	96	0.00	0.0	2.977	0.077	0	0	0	518
PD.9043-B	PD.9043-A	ABC	Closed	7.43Y	123.8	0.00	1.17	152.97	0	3277	941	96	0.00	0.0	2.977	0.077	0	0	0	518
PL.60574	PD.9043-B	ABC	336 MCM AC	7.42Y	123.7	0.08	1.26	152.97	29	3277	941	96	1.42	0.0	3.056	0.078	284	137	2	518
PL.56582	PL.60574	ABC	336 MCM AC	7.42Y	123.7	0.01	1.26	139.05	27	2992	801	97	0.15	0.0	3.065	0.009	7	3	1	516
PL.56581	PL.56582	ABC	336 MCM AC	7.42Y	123.7	0.04	1.31	138.72	27	2985	797	97	0.65	0.0	3.105	0.040	14	4	4	515
PL.60282	PL.56581	ABC	336 MCM AC	7.42Y	123.7	0.00	1.31	127.15	24	2735	730	97	0.05	0.0	3.109	0.003	0	0	0	474
PD.8878-A	PL.60282	ABC	Closed	7.42Y	123.7	0.00	1.31	127.15	0	2735	730	97	0.00	0.0	3.109	0.003	0	0	0	474
PD.8878-B	PD.8878-A	ABC	Closed	7.42Y	123.7	0.00	1.31	127.15	0	2735	730	97	0.00	0.0	3.109	0.003	0	0	0	474
PL.60283	PD.8878-B	ABC	336 MCM AC	7.42Y	123.6	0.05	1.36	127.15	24	2735	730	97	0.69	0.0	3.160	0.051	0	0	0	474
PL.56182	PL.60283	ABC	#2 ACSR	7.41Y	123.6	0.09	1.45	127.15	73	2734	729	97	1.84	0.1	3.187	0.028	0	0	0	474
PL.56570	PL.56182	ABC	#1/0 ACSR	7.41Y	123.5	0.02	1.47	35.16	15	757	196	97	0.12	0.0	3.224	0.037	0	0	1	136
PL.60596	PL.56570	A	#1/0 ACSR	7.41Y	123.5	0.00	1.47	1.09	0	8	2	97	0.00	0.0	3.226	0.002	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: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.9047	PL.60596	A	20T	7.41Y	123.5	0.00	1.47	1.09	0	8	2	97	0.00	0.0	3.226	0.002	0	0	0	1
PL.60597	PD.9047	A	#1/0 ACSR	7.41Y	123.5	0.00	1.47	1.09	0	8	2	97	0.00	0.0	3.238	0.012	8	2	1	1
PL.56571	PL.56570	ABC	#1/0 ACSR	7.41Y	123.5	0.02	1.49	34.80	15	749	194	97	0.13	0.0	3.264	0.039	0	0	0	134
PL.56183	PL.56571	ABC	#1/0 ACSR	7.41Y	123.5	0.02	1.51	34.80	15	749	194	97	0.10	0.0	3.295	0.031	0	0	0	134
PL.46754	PL.56183	ABC	#1/0 ACSR	7.41Y	123.5	0.00	1.51	34.80	15	749	194	97	0.01	0.0	3.297	0.002	0	0	0	134
PD.7299	PL.46754	ABC	70L	7.41Y	123.5	0.00	1.51	34.80	50	749	194	97	0.00	0.0	3.297	0.002	0	0	0	134
PL.46755	PD.7299	ABC	#1/0 ACSR	7.41Y	123.4	0.04	1.55	34.80	15	749	194	97	0.20	0.0	3.359	0.061	0	0	0	134
PL.46082	PL.46755	ABC	#1/0 ACSR	7.40Y	123.4	0.05	1.61	33.79	15	727	188	97	0.27	0.0	3.449	0.090	0	0	0	132
PL.46451	PL.46082	A	#4 ACSR	7.40Y	123.4	0.00	1.61	0.82	1	6	2	95	0.00	0.0	3.449	0.001	0	0	0	2
PD.7167	PL.46451	A	40QA	7.40Y	123.4	0.00	1.61	0.82	2	6	2	95	0.00	0.0	3.449	0.001	0	0	0	2
PL.46452	PD.7167	A	#4 ACSR	7.40Y	123.4	0.00	1.61	0.82	1	6	2	95	0.00	0.0	3.513	0.064	0	0	1	2
PL.46450	PL.46452	A	#4 ACSR	7.40Y	123.4	0.00	1.61	0.78	1	6	1	99	0.00	0.0	3.554	0.041	6	1	1	1
PL.56158	PL.46082	ABC	#1/0 ACSR	7.40Y	123.4	0.03	1.64	32.90	14	708	182	97	0.16	0.0	3.503	0.055	7	2	2	129
PL.59408	PL.56158	C	#1/0 ACSR	7.40Y	123.4	0.00	1.64	0.32	0	2	1	89	0.00	0.0	3.507	0.004	0	0	0	2
PD.8766	PL.59408	C	10T	7.40Y	123.4	0.00	1.64	0.32	0	2	1	89	0.00	0.0	3.507	0.004	0	0	0	2
PL.59409	PD.8766	C	#1/0 ACSR	7.40Y	123.4	0.00	1.64	0.32	0	2	1	89	0.00	0.0	3.598	0.091	2	1	2	2
PL.66241	PL.59409	C	#1/0 ACSR	7.40Y	123.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	3.634	0.036	0	0	0	0
PL.56281	PL.56158	ABC	#1/0 ACSR	7.40Y	123.3	0.02	1.66	32.46	14	698	180	97	0.10	0.0	3.540	0.037	5	1	1	125
PL.56282	PL.56281	ABC	#1/0 ACSR	7.40Y	123.3	0.03	1.69	32.21	14	693	178	97	0.14	0.0	3.589	0.049	0	0	0	124
PL.56275	PL.56282	A	#2 ACSR	7.40Y	123.3	0.00	1.69	5.06	3	36	9	97	0.00	0.0	3.591	0.003	0	0	0	9
PD.8236	PL.56275	A	40QA	7.40Y	123.3	0.00	1.69	5.06	13	36	9	97	0.00	0.0	3.591	0.003	0	0	0	9
PL.56276	PD.8236	A	#2 ACSR	7.40Y	123.3	0.00	1.69	5.06	3	36	9	97	0.00	0.0	3.600	0.008	0	0	0	9
PL.56277	PL.56276	A	#2 ACSR	7.40Y	123.3	0.01	1.70	5.06	3	36	9	97	0.00	0.0	3.646	0.047	0	0	0	9
PL.54874	PL.56277	A	#4 ACSR	7.40Y	123.3	0.00	1.70	1.80	1	13	3	97	0.00	0.0	3.719	0.073	13	3	3	3
PL.56157	PL.56277	A	#2 ACSR	7.40Y	123.3	0.01	1.70	3.26	2	23	6	97	0.00	0.0	3.727	0.081	18	5	2	6
PL.56216	PL.56157	A	#1/0 ACSR	7.40Y	123.3	0.00	1.70	0.81	0	6	1	99	0.00	0.0	3.749	0.022	6	1	4	4
PL.46388	PL.56282	ABC	#1/0 ACSR	7.40Y	123.3	0.06	1.75	29.61	13	636	164	97	0.26	0.0	3.698	0.110	0	0	0	107
PL.57869	PL.46388	ABC	#1/0 ACSR	7.39Y	123.2	0.02	1.77	28.64	12	615	158	97	0.10	0.0	3.745	0.047	13	3	3	104
PL.57870	PL.57869	ABC	#1/0 ACSR	7.39Y	123.2	0.04	1.81	28.04	12	603	155	97	0.16	0.0	3.820	0.075	6	1	1	101
PL.54872	PL.57870	A	#4 ACSR	7.39Y	123.2	0.00	1.81	1.16	1	8	2	97	0.00	0.0	3.821	0.001	0	0	0	1
PD.7235	PL.54872	A	40QA	7.39Y	123.2	0.00	1.81	1.16	3	8	2	97	0.00	0.0	3.821	0.001	0	0	0	1

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.54871	PD.7235	A	#4 ACSR	7.39Y	123.2	0.00	1.81	1.16	1	8	2	97	0.00	0.0	3.866	0.045	8	2	1	1
PL.54873	PL.57870	ABC	#1/0 ACSR	7.39Y	123.2	0.04	1.84	27.40	12	589	151	97	0.15	0.0	3.893	0.073	0	0	0	99
PL.46519	PL.54873	ABC	#1/0 ACSR	7.39Y	123.1	0.02	1.87	27.40	12	588	151	97	0.10	0.0	3.944	0.050	0	0	0	99
PL.59984	PL.46519	A	6 A (CWC)	7.38Y	123.1	0.08	1.95	11.22	8	80	21	97	0.04	0.1	4.112	0.169	14	4	1	10
PL.59985	PL.59984	A	6 A (CWC)	7.38Y	123.0	0.04	1.98	9.26	7	66	17	97	0.02	0.0	4.198	0.085	0	0	0	9
PL.60525	PL.59985	A	6 A (CWC)	7.38Y	123.0	0.00	1.98	2.78	2	20	5	97	0.00	0.0	4.201	0.003	0	0	0	3
PD.8866-A	PL.60525	A	Closed	7.38Y	123.0	0.00	1.98	2.78	0	20	5	97	0.00	0.0	4.201	0.003	0	0	0	3
PD.8866-B	PD.8866-A	A	Closed	7.38Y	123.0	0.00	1.98	2.78	0	20	5	97	0.00	0.0	4.201	0.003	0	0	0	3
PL.60526	PD.8866-B	A	6 A (CWC)	7.38Y	123.0	0.02	2.00	2.78	2	20	5	97	0.00	0.0	4.380	0.179	0	0	0	3
PL.55299	PL.60526	A	6 A (CWC)	7.38Y	123.0	0.01	2.01	1.99	1	14	4	96	0.00	0.0	4.512	0.132	5	1	1	2
PL.55298	PL.55299	A	6 A (CWC)	7.38Y	123.0	0.00	2.02	1.29	1	9	2	98	0.00	0.0	4.562	0.050	0	0	0	1
PL.55301	PL.55298	A	6 A (CWC)	7.38Y	123.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	4.639	0.077	0	0	0	0
PL.55302	PL.55301	A	6 A (CWC)	7.38Y	123.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	4.711	0.072	0	0	0	0
PL.55300	PL.55298	A	6 A (CWC)	7.38Y	123.0	0.00	2.02	1.29	1	9	2	98	0.00	0.0	4.579	0.017	9	2	1	1
PL.60527	PL.60526	A	6 A (CWC)	7.38Y	123.0	0.00	2.00	0.79	1	6	1	99	0.00	0.0	4.383	0.003	0	0	0	1
PD.8867	PL.60527	A	30T	7.38Y	123.0	0.00	2.00	0.79	0	6	1	99	0.00	0.0	4.383	0.003	0	0	0	1
PL.60528	PD.8867	A	6 A (CWC)	7.38Y	123.0	0.00	2.01	0.79	1	6	1	99	0.00	0.0	4.434	0.051	6	1	1	1
PL.60523	PL.59985	A	#4 ACSR	7.38Y	123.0	0.00	1.98	6.48	5	46	12	97	0.00	0.0	4.201	0.004	0	0	0	6
PD.8865	PL.60523	A	30T	7.38Y	123.0	0.00	1.98	6.48	0	46	12	97	0.00	0.0	4.201	0.004	0	0	0	6
PL.60524	PD.8865	A	#4 ACSR	7.38Y	123.0	0.02	2.00	6.48	5	46	12	97	0.01	0.0	4.258	0.056	0	0	0	6
PL.55297	PL.60524	A	#4 ACSR	7.38Y	123.0	0.02	2.02	6.48	5	46	12	97	0.01	0.0	4.345	0.087	15	4	2	6
PL.55294	PL.55297	A	#4 ACSR	7.38Y	123.0	0.01	2.03	4.45	3	32	8	97	0.00	0.0	4.424	0.080	14	4	2	4
PL.55295	PL.55294	A	#4 ACSR	7.38Y	123.0	0.00	2.04	2.47	2	18	5	96	0.00	0.0	4.477	0.052	5	1	1	2
PL.55296	PL.55295	A	#4 ACSR	7.38Y	123.0	0.01	2.04	1.74	1	12	3	97	0.00	0.0	4.611	0.135	12	3	1	1
PL.59986	PL.46519	ABC	#1/0 ACSR	7.39Y	123.1	0.00	1.87	23.66	10	508	130	97	0.01	0.0	3.947	0.004	0	0	0	89
PD.9016	PL.59986	ABC	70CodeSMod	7.39Y	123.1	0.00	1.87	23.66	0	508	130	97	0.00	0.0	3.947	0.004	0	0	0	89
PL.60493	PD.9016	ABC	#1/0 ACSR	7.39Y	123.1	0.02	1.89	23.66	10	508	130	97	0.06	0.0	3.990	0.043	0	0	0	89
PL.54947	PL.60493	C	1/0 AL URD	7.39Y	123.1	0.00	1.89	5.28	3	38	9	97	0.00	0.0	3.996	0.006	0	0	0	6
PD.8158	PL.54947	C	20QA	7.39Y	123.1	0.00	1.89	5.28	26	38	9	97	0.00	0.0	3.996	0.006	0	0	0	6
PL.54944	PD.8158	C	1/0 AL URD	7.39Y	123.1	0.00	1.89	5.28	3	38	9	97	0.00	0.0	4.015	0.019	7	2	2	6
PL.57668	PL.54944	C	1/0 AL URD	7.39Y	123.1	0.01	1.90	4.30	3	31	7	98	0.00	0.0	4.101	0.086	0	0	0	4

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.57669	PL.57668	C	1/0 AL URD	7.39Y	123.1	0.00	1.91	4.31	3	31	8	97	0.00	0.0	4.136	0.035	8	2	1	4
PL.57972	PL.57669	C	1/0 AL URD	7.39Y	123.1	0.00	1.91	3.18	2	23	6	97	0.00	0.0	4.156	0.020	0	0	0	3
PL.57670	PL.57972	C	1/0 AL URD	7.39Y	123.1	0.00	1.91	3.19	2	23	6	97	0.00	0.0	4.194	0.038	13	3	2	3
PL.63634	PL.57670	C	1/0 AL URD	7.39Y	123.1	0.00	1.91	1.33	1	10	2	98	0.00	0.0	4.202	0.008	0	0	0	1
PL.63633	PL.63634	C	1/0 AL URD	7.39Y	123.1	0.00	1.91	1.33	1	10	2	98	0.00	0.0	4.210	0.008	10	2	1	1
P PL.57674	PL.63633	C	1/0 AL URD	7.39Y	123.1	0.00	1.91	-0.00	0	0	0	100	0.00	0.0	4.213	0.003	0	0	0	0 P
PL.63546	PL.60493	ABC	#1/0 ACSR	7.39Y	123.1	0.01	1.90	12.57	5	269	70	97	0.03	0.0	4.053	0.063	0	0	0	46
PL.63547	PL.63546	ABC	#1/0 ACSR	7.39Y	123.1	0.00	1.90	12.57	5	269	70	97	0.00	0.0	4.053	0.000	12	3	1	46
PL.63548	PL.63547	ABC	#1/0 ACSR	7.39Y	123.1	0.01	1.91	11.99	5	257	67	97	0.01	0.0	4.093	0.040	7	2	1	45
PL.46220	PL.63548	ABC	#1/0 ACSR	7.38Y	123.1	0.02	1.92	11.67	5	250	65	97	0.03	0.0	4.166	0.073	0	0	0	44
PL.54447	PL.46220	A	6 A (CWC)	7.38Y	123.1	0.00	1.93	24.68	18	176	46	97	0.00	0.0	4.168	0.002	0	0	0	29
PD.8155	PL.54447	A	40QA	7.38Y	123.1	0.00	1.93	24.68	62	176	46	97	0.00	0.0	4.168	0.002	0	0	0	29
PL.54448	PD.8155	A	6 A (CWC)	7.38Y	123.0	0.08	2.01	24.68	18	176	46	97	0.11	0.1	4.240	0.072	0	0	0	29
PL.60532	PL.54448	A	#1/0 ACSR	7.38Y	123.0	0.00	2.01	1.55	1	11	3	96	0.00	0.0	4.244	0.004	0	0	0	2
PD.8870	PL.60532	A	20T	7.38Y	123.0	0.00	2.01	1.55	0	11	3	96	0.00	0.0	4.244	0.004	0	0	0	2
PL.60533	PD.8870	A	#1/0 ACSR	7.38Y	123.0	0.00	2.01	1.55	1	11	3	96	0.00	0.0	4.278	0.034	0	0	0	2
PL.54450	PL.60533	A	#1/0 ACSR	7.38Y	123.0	0.00	2.01	1.55	1	11	3	96	0.00	0.0	4.335	0.057	11	3	2	2
PL.66227	PL.54448	A	6 A (CWC)	7.38Y	122.9	0.04	2.05	23.13	17	165	43	97	0.05	0.0	4.281	0.041	0	0	0	27
PL.66228	PL.66227	A	6 A (CWC)	7.38Y	122.9	0.02	2.08	23.13	17	165	43	97	0.03	0.0	4.304	0.023	1	0	1	27
PL.60534	PL.66228	A	#4 ACSR	7.38Y	122.9	0.00	2.08	0.88	1	6	2	95	0.00	0.0	4.307	0.003	0	0	0	1
PD.8871	PL.60534	A	20T	7.38Y	122.9	0.00	2.08	0.88	0	6	2	95	0.00	0.0	4.307	0.003	0	0	0	1
PL.60535	PD.8871	A	#4 ACSR	7.38Y	122.9	0.00	2.08	0.88	1	6	2	95	0.00	0.0	4.388	0.081	0	0	0	1
PL.54679	PL.60535	A	#1/0 ACSR	7.38Y	122.9	0.00	2.08	0.88	0	6	2	95	0.00	0.0	4.410	0.022	6	2	1	1
PL.63557	PL.66228	A	6 A (CWC)	7.37Y	122.8	0.10	2.17	22.11	16	158	41	97	0.11	0.1	4.401	0.097	3	1	1	25
PL.63558	PL.63557	A	6 A (CWC)	7.37Y	122.8	0.03	2.20	21.75	16	155	41	97	0.03	0.0	4.431	0.030	16	4	1	24
PL.60538	PL.63558	A	6 A (CWC)	7.37Y	122.8	0.00	2.20	17.61	13	126	33	97	0.00	0.0	4.434	0.003	0	0	0	21
PD.8873-A	PL.60538	A	Closed	7.37Y	122.8	0.00	2.20	17.61	0	126	33	97	0.00	0.0	4.434	0.003	0	0	0	21
PD.8873-B	PD.8873-A	A	Closed	7.37Y	122.8	0.00	2.20	17.61	0	126	33	97	0.00	0.0	4.434	0.003	0	0	0	21
PL.60539	PD.8873-B	A	6 A (CWC)	7.35Y	122.5	0.25	2.45	17.61	13	126	33	97	0.23	0.2	4.749	0.314	4	1	1	21
PL.62906	PL.60539	A	6 A (CWC)	7.35Y	122.5	0.10	2.55	17.01	12	121	32	97	0.09	0.1	4.877	0.128	0	0	0	20
PL.62908	PL.62906	A	#4 ACSR	7.35Y	122.4	0.00	2.55	1.04	1	7	2	96	0.00	0.0	4.881	0.004	0	0	0	1

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----			
																KW	KVAR	Cons On	Cons Thru	
PD.9445	PL.62908	A	30T	7.35Y	122.4	0.00	2.55	1.04	0	7	2	96	0.00	0.0	4.881	0.004	0	0	0	1
PL.62909	PD.9445	A	#4 ACSR	7.35Y	122.4	0.00	2.55	1.04	1	7	2	96	0.00	0.0	5.061	0.180	7	2	1	1
PL.62905	PL.62906	A	6 A (CWC)	7.34Y	122.4	0.05	2.60	15.82	11	112	29	97	0.04	0.0	4.953	0.076	5	1	1	18
PL.60541	PL.62905	A	6 A (CWC)	7.34Y	122.4	0.00	2.61	12.38	9	88	23	97	0.00	0.0	4.956	0.003	0	0	0	13
PD.8876	PL.60541	A	30T	7.34Y	122.4	0.00	2.61	12.38	0	88	23	97	0.00	0.0	4.956	0.003	0	0	0	13
PL.60542	PD.8876	A	6 A (CWC)	7.34Y	122.3	0.11	2.72	12.38	9	88	23	97	0.07	0.1	5.156	0.200	0	0	0	13
PL.55540	PL.60542	A	6 A (CWC)	7.34Y	122.3	0.01	2.72	2.56	2	18	5	96	0.00	0.0	5.209	0.053	0	0	0	3
PL.55541	PL.55540	A	6 A (CWC)	7.34Y	122.3	0.01	2.73	2.56	2	18	5	96	0.00	0.0	5.267	0.058	7	2	1	3
PL.55542	PL.55541	A	6 A (CWC)	7.34Y	122.3	0.00	2.73	1.54	1	11	3	96	0.00	0.0	5.322	0.055	0	0	0	2
PL.54809	PL.55542	A	#2 ACSR	7.34Y	122.3	0.00	2.73	0.61	0	4	1	97	0.00	0.0	5.364	0.043	4	1	1	1
PL.54810	PL.55542	A	6 A (CWC)	7.34Y	122.3	0.00	2.73	0.93	1	7	2	96	0.00	0.0	5.363	0.041	7	2	1	1
PL.55127	PL.60542	A	6 A (CWC)	7.33Y	122.2	0.03	2.75	9.82	7	70	18	97	0.02	0.0	5.247	0.091	22	6	3	10
PL.54807	PL.55127	A	6 A (CWC)	7.33Y	122.2	0.03	2.79	6.73	5	48	12	97	0.01	0.0	5.356	0.109	0	0	0	7
PL.46819	PL.54807	A	6 A (CWC)	7.33Y	122.2	0.03	2.82	6.73	5	48	12	97	0.01	0.0	5.471	0.115	6	2	1	7
PL.46483	PL.46819	A	6 A (CWC)	7.33Y	122.2	0.00	2.82	1.43	1	10	3	96	0.00	0.0	5.548	0.077	10	3	2	2
PL.63555	PL.46819	A	6 A (CWC)	7.33Y	122.2	0.00	2.82	1.32	1	9	2	98	0.00	0.0	5.471	0.000	0	0	0	1
PL.63556	PL.63555	A	6 A (CWC)	7.33Y	122.2	0.01	2.82	1.32	1	9	2	98	0.00	0.0	5.565	0.094	0	0	0	1
PL.45135	PL.63556	A	#2 ACSR	7.33Y	122.2	0.00	2.83	1.32	1	9	2	98	0.00	0.0	5.600	0.035	9	2	1	1
PL.47091	PL.63556	A	6 A (CWC)	7.33Y	122.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	5.633	0.069	0	0	0	0
PL.46820	PL.46819	A	6 A (CWC)	7.33Y	122.2	0.01	2.83	3.09	2	22	6	96	0.00	0.0	5.549	0.078	5	1	1	3
PL.54805	PL.46820	A	6 A (CWC)	7.33Y	122.2	0.01	2.83	2.35	2	17	4	97	0.00	0.0	5.624	0.075	8	2	1	2
PL.54806	PL.54805	A	6 A (CWC)	7.33Y	122.2	0.00	2.84	1.15	1	8	2	97	0.00	0.0	5.670	0.045	8	2	1	1
PL.63606	PL.62905	A	6 A (CWC)	7.34Y	122.4	0.00	2.60	1.49	1	11	3	96	0.00	0.0	4.953	0.000	0	0	0	3
PL.63607	PL.63606	A	6 A (CWC)	7.34Y	122.4	0.00	2.60	1.49	1	11	3	96	0.00	0.0	4.956	0.004	0	0	0	3
PD.8875	PL.63607	A	30T	7.34Y	122.4	0.00	2.60	1.49	0	11	3	96	0.00	0.0	4.956	0.004	0	0	0	3
PL.63611	PD.8875	A	6 A (CWC)	7.34Y	122.4	0.00	2.60	1.49	1	11	3	96	0.00	0.0	4.958	0.001	0	0	0	3
PL.63608	PL.63611	A	6 A (CWC)	7.34Y	122.4	0.01	2.61	1.49	1	11	3	96	0.00	0.0	5.104	0.146	0	0	0	3
PL.63609	PL.63608	A	6 A (CWC)	7.34Y	122.4	0.00	2.61	0.54	0	4	1	97	0.00	0.0	5.149	0.046	4	1	1	1
PL.63610	PL.63608	A	6 A (CWC)	7.34Y	122.4	0.01	2.62	0.95	1	7	2	96	0.00	0.0	5.235	0.132	1	0	1	2
PL.55545	PL.63610	A	6 A (CWC)	7.34Y	122.4	0.00	2.62	0.87	1	6	2	95	0.00	0.0	5.460	0.225	6	2	1	1
PL.60543	PL.62905	A	6 A (CWC)	7.34Y	122.4	0.00	2.60	1.29	1	9	2	98	0.00	0.0	4.956	0.003	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: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.8877	PL.60543	A	30T	7.34Y	122.4	0.00	2.60	1.29	0	9	2	98	0.00	0.0	4.956	0.003	0	0	0	1
PL.60544	PD.8877	A	6 A (CWC)	7.34Y	122.4	0.01	2.61	1.29	1	9	2	98	0.00	0.0	5.132	0.176	9	2	1	1
PL.62907	PL.62906	A	6 A (CWC)	7.35Y	122.5	0.00	2.55	0.14	0	1	0	100	0.00	0.0	4.880	0.004	0	0	0	1
PD.8874	PL.62907	A	30T	7.35Y	122.5	0.00	2.55	0.14	0	1	0	100	0.00	0.0	4.880	0.004	0	0	0	1
PL.60540	PD.8874	A	6 A (CWC)	7.35Y	122.4	0.00	2.55	0.14	0	1	0	100	0.00	0.0	5.074	0.194	1	0	1	1
PL.60536	PL.63558	A	#1/0 ACSR	7.37Y	122.8	0.00	2.20	1.94	1	14	4	96	0.00	0.0	4.434	0.003	0	0	0	2
PD.8872	PL.60536	A	20T	7.37Y	122.8	0.00	2.20	1.94	0	14	4	96	0.00	0.0	4.434	0.003	0	0	0	2
PL.60537	PD.8872	A	#1/0 ACSR	7.37Y	122.8	0.00	2.20	1.94	1	14	4	96	0.00	0.0	4.483	0.049	6	1	1	2
PL.54678	PL.60537	A	#1/0 ACSR	7.37Y	122.8	0.00	2.20	1.17	1	8	2	97	0.00	0.0	4.536	0.053	8	2	1	1
PL.66226	PL.66227	A	#1/0 ACSR	7.38Y	122.9	0.00	2.05	0.00	0	0	0	100	0.00	0.0	4.312	0.030	0	0	0	0
PL.60530	PL.46220	ABC	#1/0 ACSR	7.38Y	123.1	0.00	1.92	1.80	1	39	10	97	0.00	0.0	4.169	0.003	0	0	0	7
PD.8869	PL.60530	ABC	70CodeSMod	7.38Y	123.1	0.00	1.92	1.80	0	39	10	97	0.00	0.0	4.169	0.003	0	0	0	7
PL.60531	PD.8869	ABC	#1/0 ACSR	7.38Y	123.1	0.00	1.93	1.80	1	39	10	97	0.00	0.0	4.258	0.089	20	5	2	7
PL.54855	PL.60531	ABC	#1/0 ACSR	7.38Y	123.1	0.00	1.93	0.88	0	19	5	97	0.00	0.0	4.367	0.109	0	0	0	5
PL.46184	PL.54855	A	#4 ACSR	7.38Y	123.1	0.00	1.93	2.65	2	19	5	97	0.00	0.0	4.369	0.002	0	0	0	5
PD.7295	PL.46184	A	40QA	7.38Y	123.1	0.00	1.93	2.65	7	19	5	97	0.00	0.0	4.369	0.002	0	0	0	5
PL.46185	PD.7295	A	#1/0 ACSR	7.38Y	123.1	0.00	1.93	2.65	1	19	5	97	0.00	0.0	4.408	0.039	10	3	2	5
PL.54460	PL.46185	A	#1/0 ACSR	7.38Y	123.1	0.00	1.93	1.06	0	8	2	97	0.00	0.0	4.448	0.040	3	1	1	2
PL.63549	PL.54460	A	#1/0 ACSR	7.38Y	123.1	0.00	1.93	0.64	0	5	1	98	0.00	0.0	4.486	0.038	5	1	1	1
PL.63588	PL.46185	A	#1/0 ACSR	7.38Y	123.1	0.00	1.93	0.16	0	1	0	100	0.00	0.0	4.450	0.042	1	0	1	1
PL.46183	PL.54855	ABC	#1/0 ACSR	7.38Y	123.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	4.541	0.174	0	0	0	0
PD.7306-B	PL.46183	ABC	Open	7.38Y	123.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	4.541	0.174	0	0	0	0
PL.46386	PL.46220	A	#4 ACSR	7.38Y	123.1	0.00	1.92	4.93	4	35	9	97	0.00	0.0	4.169	0.003	0	0	0	8
PD.7237	PL.46386	A	40QA	7.38Y	123.1	0.00	1.92	4.93	12	35	9	97	0.00	0.0	4.169	0.003	0	0	0	8
PL.54854	PD.7237	A	#4 ACSR	7.38Y	123.1	0.01	1.93	4.93	4	35	9	97	0.00	0.0	4.229	0.061	20	5	4	8
PL.54856	PL.54854	A	#4 ACSR	7.38Y	123.1	0.01	1.94	2.14	2	15	4	97	0.00	0.0	4.314	0.085	0	0	1	4
PL.59447	PL.54856	A	#4 ACSR	7.38Y	123.1	0.00	1.94	1.73	1	12	3	97	0.00	0.0	4.352	0.037	12	3	2	2
PL.54857	PL.54856	A	#4 ACSR	7.38Y	123.1	0.00	1.94	0.41	0	3	1	95	0.00	0.0	4.376	0.062	3	1	1	1
PL.54945	PL.60493	A	6 A (CWC)	7.39Y	123.1	0.00	1.89	20.93	15	150	39	97	0.00	0.0	3.992	0.002	0	0	0	31
PD.8151	PL.54945	A	40QA	7.39Y	123.1	0.00	1.89	20.93	52	150	39	97	0.00	0.0	3.992	0.002	0	0	0	31
PL.64774	PD.8151	A	6 A (CWC)	7.38Y	123.0	0.09	1.97	20.93	15	150	39	97	0.10	0.1	4.083	0.091	0	0	0	31

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.64775	PL.64774	A	6 A (CWC)	7.38Y	123.0	0.00	1.97	20.93	15	150	38	97	0.00	0.0	4.083	0.000	10	3	4	31
PL.59544	PL.64775	A	#1/0 ACSR	7.38Y	123.0	0.00	1.98	1.14	0	8	2	97	0.00	0.0	4.128	0.045	8	2	1	1
PL.59546	PL.64775	A	6 A (CWC)	7.38Y	123.0	0.02	2.00	18.36	13	131	34	97	0.02	0.0	4.111	0.028	8	2	4	26
PL.59444	PL.59546	A	6 A (CWC)	7.38Y	123.0	0.04	2.04	17.28	12	124	32	97	0.04	0.0	4.166	0.055	7	2	1	22
PL.59545	PL.59444	A	1/0 AL URD	7.38Y	123.0	0.00	2.04	0.99	1	7	2	96	0.00	0.0	4.220	0.054	7	2	2	2
PL.61088	PL.59444	A	6 A (CWC)	7.37Y	122.9	0.06	2.09	15.35	11	110	28	97	0.04	0.0	4.248	0.082	7	2	1	19
PL.61089	PL.61088	A	6 A (CWC)	7.37Y	122.9	0.00	2.10	5.15	4	37	10	97	0.00	0.0	4.251	0.004	0	0	0	5
PD.8868	PL.61089	A	20T	7.37Y	122.9	0.00	2.10	5.15	0	37	10	97	0.00	0.0	4.251	0.004	0	0	0	5
PL.60529	PD.8868	A	6 A (CWC)	7.37Y	122.9	0.02	2.11	5.15	4	37	10	97	0.00	0.0	4.317	0.066	0	0	1	5
PL.54901	PL.60529	A	6 A (CWC)	7.37Y	122.9	0.01	2.12	5.15	4	37	10	97	0.00	0.0	4.379	0.062	13	3	2	4
PL.46042	PL.54901	A	6 A (CWC)	7.37Y	122.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	4.421	0.042	0	0	0	0
PL.46482	PL.54901	A	#2 ACSR	7.37Y	122.9	0.00	2.13	3.27	2	23	6	97	0.00	0.0	4.456	0.077	23	6	2	2
PL.61090	PL.61088	A	6 A (CWC)	7.37Y	122.9	0.01	2.11	7.75	6	55	14	97	0.00	0.0	4.285	0.037	5	1	1	11
PL.63561	PL.61090	A	1/0 AL URD	7.37Y	122.9	0.00	2.11	1.07	1	8	2	97	0.00	0.0	4.316	0.031	8	2	2	2
PL.61064	PL.61090	A	#4 ACSR	7.37Y	122.9	0.01	2.12	5.91	5	42	11	97	0.00	0.0	4.346	0.061	17	4	2	8
PL.61063	PL.61064	A	#4 ACSR	7.37Y	122.9	0.00	2.12	3.48	3	25	6	97	0.00	0.0	4.366	0.020	0	0	0	6
PL.60588	PL.61063	A	#1/0 ACSR	7.37Y	122.9	0.00	2.12	2.58	1	18	5	96	0.00	0.0	4.375	0.009	5	1	1	5
PL.63627	PL.60588	A	1/0 AL URD	7.37Y	122.9	0.00	2.13	1.82	1	13	3	97	0.00	0.0	4.406	0.031	0	0	0	4
PL.63628	PL.63627	A	1/0 AL URD	7.37Y	122.9	0.00	2.13	1.82	1	13	3	97	0.00	0.0	4.413	0.007	13	3	4	4
PL.54455	PL.61063	A	#4 ACSR	7.37Y	122.9	0.00	2.12	0.91	1	6	2	95	0.00	0.0	4.392	0.026	6	2	1	1
PL.63615	PL.61088	A	#1/0 ACSR	7.37Y	122.9	0.00	2.10	1.44	1	10	3	96	0.00	0.0	4.264	0.016	10	3	2	2
PL.54946	PL.60493	A	#2 ACSR	7.39Y	123.1	0.00	1.89	0.98	1	7	2	96	0.00	0.0	3.992	0.001	0	0	0	1
PD.7236	PL.54946	A	40QA	7.39Y	123.1	0.00	1.89	0.98	2	7	2	96	0.00	0.0	3.992	0.001	0	0	0	1
PL.46387	PD.7236	A	#2 ACSR	7.39Y	123.1	0.00	1.89	0.98	1	7	2	96	0.00	0.0	4.029	0.037	7	2	1	1
PL.54948	PL.60493	A	1/0 AL URD	7.39Y	123.1	0.01	1.89	6.08	4	44	10	98	0.00	0.0	4.043	0.052	20	5	2	5
PL.54949	PL.54948	A	1/0 AL URD	7.39Y	123.1	0.01	1.91	3.31	2	24	5	98	0.00	0.0	4.212	0.169	9	2	1	3
PL.57671	PL.54949	A	1/0 AL URD	7.39Y	123.1	0.00	1.91	2.07	1	15	3	98	0.00	0.0	4.291	0.079	8	2	1	2
PL.57672	PL.57671	A	1/0 AL URD	7.39Y	123.1	0.00	1.91	0.98	1	7	2	96	0.00	0.0	4.311	0.019	7	2	1	1
P PL.57673	PL.57672	A	1/0 AL URD	7.39Y	123.1	0.00	1.91	-0.02	0	0	0	100	0.00	0.0	4.347	0.036	0	0	0	0 P
PL.56136	PL.46388	A	6 A (CWC)	7.40Y	123.3	0.00	1.75	2.90	2	21	5	97	0.00	0.0	3.701	0.003	0	0	0	3
PD.8230	PL.56136	A	40QA	7.40Y	123.3	0.00	1.75	2.90	7	21	5	97	0.00	0.0	3.701	0.003	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: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.56137	PD.8230	A	6 A (CWC)	7.40Y	123.3	0.00	1.75	2.90	2	21	5	97	0.00	0.0	3.722	0.021	5	1	1	3
PL.56135	PL.56137	A	6 A (CWC)	7.39Y	123.2	0.00	1.75	2.13	2	15	4	97	0.00	0.0	3.748	0.026	5	1	1	2
PL.56138	PL.56135	A	6 A (CWC)	7.39Y	123.2	0.00	1.75	1.42	1	10	3	96	0.00	0.0	3.842	0.094	10	3	1	1
PL.56278	PL.56282	A	#2 ACSR	7.40Y	123.3	0.00	1.69	2.77	2	20	5	97	0.00	0.0	3.592	0.004	0	0	0	8
PD.8237	PL.56278	A	40QA	7.40Y	123.3	0.00	1.69	2.77	7	20	5	97	0.00	0.0	3.592	0.004	0	0	0	8
PL.56279	PD.8237	A	#2 ACSR	7.40Y	123.3	0.00	1.69	2.77	2	20	5	97	0.00	0.0	3.657	0.065	16	4	7	8
PL.56280	PL.56279	A	#2 ACSR	7.40Y	123.3	0.00	1.69	0.55	0	4	1	97	0.00	0.0	3.740	0.082	4	1	1	1
PL.46453	PL.46082	A	#2 ACSR	7.40Y	123.4	0.00	1.61	1.85	1	13	3	97	0.00	0.0	3.450	0.001	0	0	0	1
PD.7272	PL.46453	A	40QA	7.40Y	123.4	0.00	1.61	1.85	5	13	3	97	0.00	0.0	3.450	0.001	0	0	0	1
PL.46454	PD.7272	A	#2 ACSR	7.40Y	123.4	0.00	1.61	1.85	1	13	3	97	0.00	0.0	3.476	0.026	13	3	1	1
PL.46083	PL.46755	A	#2 ACSR	7.41Y	123.4	0.00	1.55	2.29	1	16	4	97	0.00	0.0	3.359	0.001	0	0	0	1
PD.7197	PL.46083	A	40QA	7.41Y	123.4	0.00	1.55	2.29	6	16	4	97	0.00	0.0	3.359	0.001	0	0	0	1
PL.46084	PD.7197	A	#2 ACSR	7.41Y	123.4	0.00	1.55	2.29	1	16	4	97	0.00	0.0	3.411	0.052	16	4	1	1
PL.46085	PL.46755	A	#4 ACSR	7.41Y	123.4	0.00	1.55	0.73	1	5	1	98	0.00	0.0	3.359	0.001	0	0	0	1
PD.7273	PL.46085	A	40QA	7.41Y	123.4	0.00	1.55	0.73	2	5	1	98	0.00	0.0	3.359	0.001	0	0	0	1
PL.46086	PD.7273	A	#4 ACSR	7.41Y	123.4	0.00	1.55	0.73	1	5	1	98	0.00	0.0	3.464	0.105	5	1	1	1
PL.56181	PL.56182	C	6 A (CWC)	7.41Y	123.6	0.00	1.45	4.07	3	29	8	96	0.00	0.0	3.190	0.002	0	0	0	5
PD.7010	PL.56181	C	75QA	7.41Y	123.6	0.00	1.45	4.07	5	29	8	96	0.00	0.0	3.190	0.002	0	0	0	5
PL.56124	PD.7010	C	6 A (CWC)	7.41Y	123.5	0.01	1.45	4.07	3	29	8	96	0.00	0.0	3.243	0.053	9	2	1	5
PL.56187	PL.56124	C	6 A (CWC)	7.41Y	123.5	0.01	1.46	2.81	2	20	5	97	0.00	0.0	3.289	0.045	2	0	2	4
PL.56188	PL.56187	C	6 A (CWC)	7.41Y	123.5	0.00	1.46	2.55	2	18	5	96	0.00	0.0	3.315	0.026	18	5	2	2
PL.59652	PL.56182	ABC	#2 ACSR	7.41Y	123.5	0.03	1.48	90.63	52	1946	524	97	0.44	0.0	3.200	0.013	0	0	0	333
C PD.8821	PL.59652	ABC	100L	7.41Y	123.5	0.00	1.48	90.63	91	1946	524	97	0.00	0.0	3.200	0.013	0	0	0	333 C
PL.63722	PD.8821	ABC	#2 ACSR	7.41Y	123.4	0.09	1.57	90.63	52	1946	524	97	1.35	0.1	3.241	0.040	8	2	1	333
PL.63723	PL.63722	ABC	#2 ACSR	7.41Y	123.4	0.00	1.57	90.26	52	1936	521	97	0.00	0.0	3.241	0.000	4	1	1	332
PL.63586	PL.63723	C	#2 ACSR	7.41Y	123.4	0.00	1.57	5.18	3	37	10	97	0.00	0.0	3.257	0.016	10	3	1	4
PL.63587	PL.63586	C	#2 ACSR	7.41Y	123.4	0.00	1.57	3.77	2	27	7	97	0.00	0.0	3.295	0.038	13	3	2	3
PL.56365	PL.63587	C	#2 ACSR	7.41Y	123.4	0.00	1.57	1.91	1	14	4	96	0.00	0.0	3.314	0.019	14	4	1	1
PL.53288	PL.56365	C	#2 ACSR	7.41Y	123.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	3.333	0.020	0	0	0	0
PL.56364	PL.63723	ABC	#2 ACSR	7.39Y	123.2	0.18	1.75	88.36	50	1896	510	97	2.64	0.1	3.323	0.083	0	0	0	327
PL.45939	PL.56364	ABC	#2 ACSR	7.39Y	123.2	0.08	1.83	87.72	50	1879	505	97	1.14	0.1	3.360	0.036	0	0	0	325

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.56270	PL.45939	ABC	#2 ACSR	7.38Y	123.0	0.21	2.04	86.76	50	1857	499	97	2.93	0.2	3.455	0.095	0	0	0	322
PL.56269	PL.56270	ABC	#2 ACSR	7.37Y	122.8	0.12	2.16	84.73	48	1811	487	97	1.62	0.1	3.510	0.055	1	0	2	317
PL.56220	PL.56269	ABC	#2 ACSR	7.36Y	122.7	0.15	2.31	84.67	48	1808	485	97	2.06	0.1	3.580	0.070	0	0	0	315
PL.46988	PL.56220	ABC	#2 ACSR	7.36Y	122.6	0.09	2.40	84.67	48	1806	484	97	1.27	0.1	3.624	0.044	13	3	3	315
PL.45969	PL.46988	ABC	#2 ACSR	7.35Y	122.5	0.13	2.53	84.04	48	1791	480	97	1.79	0.1	3.686	0.062	0	0	0	312
PL.46628	PL.45969	C	#1/0 ACSR	7.35Y	122.5	0.00	2.53	0.09	0	1	0	100	0.00	0.0	3.686	0.000	0	0	0	3
PD.7198	PL.46628	C	75QA	7.35Y	122.5	0.00	2.53	0.09	0	1	0	100	0.00	0.0	3.686	0.000	0	0	0	3
PL.46629	PD.7198	C	#1/0 ACSR	7.35Y	122.5	0.00	2.53	0.09	0	1	0	100	0.00	0.0	3.723	0.038	1	0	3	3
PL.47014	PL.45969	C	#4 ACSR	7.35Y	122.5	0.02	2.55	15.02	12	107	28	97	0.01	0.0	3.712	0.027	6	2	4	25
PL.47015	PL.47014	C	#4 ACSR	7.35Y	122.4	0.02	2.57	14.15	11	101	26	97	0.02	0.0	3.752	0.039	0	0	0	21
PL.56459	PL.47015	C	#2 ACSR	7.34Y	122.4	0.02	2.59	8.70	5	62	16	97	0.01	0.0	3.841	0.089	20	5	2	14
PL.56460	PL.56459	C	#2 ACSR	7.34Y	122.4	0.01	2.60	5.93	3	42	11	97	0.00	0.0	3.874	0.033	0	0	0	12
PL.56463	PL.56460	C	#2 ACSR	7.34Y	122.4	0.00	2.60	0.92	1	7	2	96	0.00	0.0	3.909	0.034	7	2	1	1
PL.56461	PL.56460	C	#2 ACSR	7.34Y	122.4	0.01	2.61	5.01	3	36	9	97	0.00	0.0	3.928	0.054	16	4	4	11
PL.66235	PL.56461	C	#2 ACSR	7.34Y	122.4	0.00	2.61	1.50	1	11	3	96	0.00	0.0	3.962	0.034	8	2	3	4
PL.66236	PL.66235	C	#1/0 ACSR	7.34Y	122.4	0.00	2.61	0.42	0	3	1	95	0.00	0.0	3.992	0.030	3	1	1	1
PL.56462	PL.56461	C	#2 ACSR	7.34Y	122.4	0.00	2.61	1.28	1	9	2	98	0.00	0.0	3.949	0.021	9	2	3	3
PL.46861	PL.47015	C	#4 ACSR	7.35Y	122.4	0.01	2.58	5.45	4	39	10	97	0.00	0.0	3.793	0.042	8	2	2	7
PL.47013	PL.46861	C	#1/0 ACSR	7.35Y	122.4	0.00	2.58	0.68	0	5	1	98	0.00	0.0	3.882	0.089	5	1	1	1
PL.45963	PL.46861	C	#4 ACSR	7.34Y	122.4	0.01	2.59	3.58	3	25	7	96	0.00	0.0	3.880	0.087	10	3	3	4
PL.45964	PL.45963	C	#4 ACSR	7.34Y	122.4	0.00	2.60	2.16	2	15	4	97	0.00	0.0	3.967	0.087	15	4	1	1
PL.56253	PL.45969	ABC	#2 ACSR	7.31Y	121.8	0.62	3.15	78.44	45	1670	448	97	7.89	0.5	4.000	0.314	8	2	1	279
PL.56254	PL.56253	A	#4 ACSR	7.31Y	121.8	0.00	3.15	9.76	8	69	18	97	0.00	0.0	4.005	0.005	0	0	0	15
PD.8240	PL.56254	A	40QA	7.31Y	121.8	0.00	3.15	9.76	24	69	18	97	0.00	0.0	4.005	0.005	0	0	0	15
PL.56258	PD.8240	A	#4 ACSR	7.31Y	121.8	0.03	3.18	9.76	8	69	18	97	0.01	0.0	4.069	0.064	13	3	3	15
PL.56256	PL.56258	A	#4 ACSR	7.31Y	121.8	0.00	3.18	1.20	1	8	2	97	0.00	0.0	4.102	0.033	8	2	3	3
PL.56257	PL.56258	A	#4 ACSR	7.31Y	121.8	0.01	3.19	6.70	5	47	12	97	0.00	0.0	4.105	0.036	12	3	2	9
PL.47083	PL.56257	A	#4 ACSR	7.31Y	121.8	0.01	3.20	5.05	4	36	9	97	0.00	0.0	4.151	0.046	11	3	1	7
PL.47084	PL.47083	A	#4 ACSR	7.31Y	121.8	0.01	3.20	3.56	3	25	7	96	0.00	0.0	4.189	0.038	4	1	3	6
PL.47085	PL.47084	A	#4 ACSR	7.31Y	121.8	0.01	3.21	3.05	2	22	6	96	0.00	0.0	4.240	0.051	7	2	1	3
PL.59764	PL.47085	A	#4 ACSR	7.31Y	121.8	0.00	3.21	2.03	2	14	4	96	0.00	0.0	4.285	0.045	14	4	2	2

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Balanced Voltage Drop Report  
Source: Campground

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

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
-----																				
PL.56252	PL.56253	ABC	#2 ACSR	7.30Y	121.7	0.12	3.27	74.83	43	1586	424	97	1.48	0.1	4.064	0.065	14	4	2	263
PL.46621	PL.56252	ABC	#2 ACSR	7.29Y	121.6	0.18	3.45	74.19	42	1571	419	97	2.14	0.1	4.159	0.095	0	0	0	261
PL.47086	PL.46621	B	6 A (CWC)	7.29Y	121.5	0.00	3.45	40.63	29	287	75	97	0.00	0.0	4.160	0.001	0	0	0	46
PD.6991	PL.47086	B	75QA	7.29Y	121.5	0.00	3.45	40.63	54	287	75	97	0.00	0.0	4.160	0.001	0	0	0	46
PL.47087	PD.6991	B	6 A (CWC)	7.28Y	121.4	0.18	3.63	40.63	29	287	75	97	0.38	0.1	4.255	0.095	0	0	0	46
PL.56255	PL.47087	B	#4 ACSR	7.28Y	121.4	0.01	3.64	8.02	6	57	15	97	0.00	0.0	4.301	0.046	57	15	5	5
PL.62799	PL.47087	B	6 A (CWC)	7.28Y	121.3	0.03	3.66	32.62	23	230	60	97	0.06	0.0	4.279	0.023	7	2	1	41
PL.62800	PL.62799	B	#4 ACSR	7.28Y	121.3	0.05	3.71	30.73	24	217	56	97	0.08	0.0	4.312	0.033	0	0	1	39
PL.60561	PL.62800	B	#2 ACSR	7.28Y	121.3	0.00	3.71	0.38	0	3	1	95	0.00	0.0	4.315	0.003	0	0	0	2
PD.9036	PL.60561	B	20T	7.28Y	121.3	0.00	3.71	0.38	0	3	1	95	0.00	0.0	4.315	0.003	0	0	0	2
PL.60562	PD.9036	B	#2 ACSR	7.28Y	121.3	0.00	3.71	0.38	0	3	1	95	0.00	0.0	4.348	0.033	3	1	2	2
PL.60563	PL.62800	B	#2 ACSR	7.28Y	121.3	0.00	3.71	0.63	0	4	1	97	0.00	0.0	4.315	0.003	0	0	0	1
PD.9037	PL.60563	B	20T	7.28Y	121.3	0.00	3.71	0.63	0	4	1	97	0.00	0.0	4.315	0.003	0	0	0	1
PL.60564	PD.9037	B	#2 ACSR	7.28Y	121.3	0.00	3.71	0.63	0	4	1	97	0.00	0.0	4.360	0.045	4	1	1	1
PL.66233	PL.62800	B	#4 ACSR	7.27Y	121.2	0.06	3.77	29.72	23	209	55	97	0.10	0.0	4.360	0.048	0	0	0	35
PL.66234	PL.66233	B	#4 ACSR	7.27Y	121.2	0.05	3.82	29.72	23	209	54	97	0.07	0.0	4.395	0.035	0	0	0	35
PL.66232	PL.66234	B	6 A (CWC)	7.27Y	121.1	0.07	3.89	28.00	20	197	51	97	0.11	0.1	4.454	0.060	7	2	1	32
PL.46658	PL.66232	B	6 A (CWC)	7.26Y	121.1	0.04	3.93	11.91	9	84	22	97	0.03	0.0	4.530	0.076	0	0	0	17
PL.46659	PL.46658	B	6 A (CWC)	7.26Y	121.0	0.04	3.97	11.91	9	84	22	97	0.02	0.0	4.598	0.068	8	2	1	17
PL.46435	PL.46659	B	#4 ACSR	7.26Y	121.0	0.00	3.97	0.67	1	5	1	98	0.00	0.0	4.763	0.165	5	1	2	2
PL.60568	PL.46659	B	#4 ACSR	7.26Y	121.0	0.00	3.97	5.16	4	36	9	97	0.00	0.0	4.602	0.004	0	0	0	5
PD.9040	PL.60568	B	30T	7.26Y	121.0	0.00	3.97	5.16	0	36	9	97	0.00	0.0	4.602	0.004	0	0	0	5
PL.60569	PD.9040	B	#4 ACSR	7.26Y	121.0	0.01	3.98	5.16	4	36	9	97	0.00	0.0	4.652	0.050	5	1	1	5
PL.46660	PL.60569	B	#4 ACSR	7.26Y	121.0	0.00	3.98	4.47	3	31	8	97	0.00	0.0	4.683	0.031	31	8	3	4
PL.64349	PL.46660	B	#1/0 ACSR	7.26Y	121.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	4.686	0.003	0	0	0	1
PD.9532	PL.64349	B	20T	7.26Y	121.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	4.686	0.003	0	0	0	1
PL.64350	PD.9532	B	#1/0 ACSR	7.26Y	121.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	4.737	0.051	0	0	1	1
PL.60570	PL.46659	B	6 A (CWC)	7.26Y	121.0	0.00	3.97	4.89	3	34	9	97	0.00	0.0	4.602	0.004	0	0	0	9
PD.9041	PL.60570	B	30T	7.26Y	121.0	0.00	3.97	4.89	0	34	9	97	0.00	0.0	4.602	0.004	0	0	0	9
PL.60571	PD.9041	B	6 A (CWC)	7.26Y	121.0	0.02	3.99	4.89	3	34	9	97	0.01	0.0	4.706	0.104	5	1	2	9
PL.46661	PL.60571	B	6 A (CWC)	7.26Y	121.0	0.01	4.00	4.23	3	30	8	97	0.00	0.0	4.772	0.066	9	2	2	7

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: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46662	PL.46661	B	6 A (CWC)	7.26Y	121.0	0.01	4.01	3.01	2	21	6	96	0.00	0.0	4.859	0.087	7	2	1	5
PL.46663	PL.46662	B	6 A (CWC)	7.26Y	121.0	0.00	4.01	2.04	1	14	4	96	0.00	0.0	4.903	0.044	8	2	2	4
PL.46664	PL.46663	B	6 A (CWC)	7.26Y	121.0	0.00	4.02	0.94	1	7	2	96	0.00	0.0	4.996	0.093	7	2	2	2
PL.60566	PL.66232	B	#4 ACSR	7.27Y	121.1	0.00	3.89	15.08	12	106	28	97	0.00	0.0	4.458	0.003	0	0	0	14
PD.9039	PL.60566	B	25T	7.27Y	121.1	0.00	3.89	15.08	0	106	28	97	0.00	0.0	4.458	0.003	0	0	0	14
PL.60567	PD.9039	B	#4 ACSR	7.26Y	121.1	0.05	3.94	15.08	12	106	28	97	0.04	0.0	4.530	0.072	8	2	1	14
PL.47090	PL.60567	B	#4 ACSR	7.26Y	121.0	0.02	3.96	13.91	11	98	25	97	0.01	0.0	4.564	0.034	41	11	5	13
PL.45965	PL.47090	B	#4 ACSR	7.26Y	121.0	0.02	3.97	8.09	6	57	15	97	0.01	0.0	4.631	0.067	31	8	4	8
PL.45966	PL.45965	B	#4 ACSR	7.26Y	121.0	0.00	3.98	3.64	3	26	7	97	0.00	0.0	4.690	0.059	26	7	4	4
PL.60565	PL.66234	B	#2 ACSR	7.27Y	121.2	0.00	3.82	1.72	1	12	3	97	0.00	0.0	4.398	0.003	0	0	0	3
PD.9038	PL.60565	B	20T	7.27Y	121.2	0.00	3.82	1.72	0	12	3	97	0.00	0.0	4.398	0.003	0	0	0	3
PL.64347	PD.9038	B	#1/0 ACSR	7.27Y	121.2	0.00	3.82	1.72	1	12	3	97	0.00	0.0	4.417	0.019	5	1	2	3
PL.64348	PL.64347	B	#2 ACSR	7.27Y	121.2	0.00	3.82	0.94	1	7	2	96	0.00	0.0	4.430	0.014	0	0	0	1
PL.63616	PL.64348	B	#2 ACSR	7.27Y	121.2	0.00	3.82	0.94	1	7	2	96	0.00	0.0	4.430	0.000	7	2	1	1
PL.62801	PL.62799	B	6 A (CWC)	7.28Y	121.3	0.00	3.66	0.94	1	7	2	96	0.00	0.0	4.282	0.003	0	0	0	1
PD.9447	PL.62801	B	20T	7.28Y	121.3	0.00	3.66	0.94	0	7	2	96	0.00	0.0	4.282	0.003	0	0	0	1
PL.62798	PD.9447	B	6 A (CWC)	7.28Y	121.3	0.00	3.66	0.94	1	7	2	96	0.00	0.0	4.321	0.039	7	2	1	1
PL.46665	PL.46621	ABC	#2 ACSR	7.28Y	121.4	0.15	3.60	60.65	35	1282	343	97	1.44	0.1	4.256	0.097	16	4	3	215
PL.46667	PL.46665	A	6 A (CWC)	7.28Y	121.4	0.00	3.60	2.09	1	15	4	97	0.00	0.0	4.257	0.001	0	0	0	2
PD.6992	PL.46667	A	75QA	7.28Y	121.4	0.00	3.60	2.09	3	15	4	97	0.00	0.0	4.257	0.001	0	0	0	2
PL.46668	PD.6992	A	6 A (CWC)	7.28Y	121.4	0.00	3.60	2.09	1	15	4	97	0.00	0.0	4.331	0.074	15	4	2	2
PL.46669	PL.46665	C	#4 ACSR	7.28Y	121.4	0.00	3.60	1.66	1	12	3	97	0.00	0.0	4.257	0.001	0	0	0	2
PD.7296	PL.46669	C	75QA	7.28Y	121.4	0.00	3.60	1.66	2	12	3	97	0.00	0.0	4.257	0.001	0	0	0	2
PL.46271	PD.7296	C	#4 ACSR	7.28Y	121.4	0.00	3.60	1.66	1	12	3	97	0.00	0.0	4.305	0.048	5	1	1	2
PL.46272	PL.46271	C	#4 ACSR	7.28Y	121.4	0.00	3.60	0.96	1	7	2	96	0.00	0.0	4.384	0.079	0	0	0	1
PL.46670	PL.46272	C	#4 ACSR	7.28Y	121.4	0.00	3.61	0.96	1	7	2	96	0.00	0.0	4.447	0.063	0	0	0	1
PL.46671	PL.46670	C	#4 ACSR	7.28Y	121.4	0.01	3.62	0.96	1	7	2	96	0.00	0.0	4.912	0.465	7	2	1	1
PL.46666	PL.46665	ABC	#2 ACSR	7.28Y	121.3	0.08	3.67	58.64	34	1238	332	97	0.74	0.1	4.309	0.053	10	3	2	208
PL.47018	PL.46666	B	#2 ACSR	7.28Y	121.3	0.00	3.67	2.07	1	15	4	97	0.00	0.0	4.309	0.000	0	0	0	3
PD.6993	PL.47018	B	50T	7.28Y	121.3	0.00	3.67	2.07	0	15	4	97	0.00	0.0	4.309	0.000	0	0	0	3
PL.47019	PD.6993	B	#2 ACSR	7.28Y	121.3	0.00	3.68	2.07	1	15	4	97	0.00	0.0	4.354	0.044	7	2	2	3

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46273	PL.47019	B	#2 ACSR	7.28Y	121.3	0.00	3.68	1.09	1	8	2	97	0.00	0.0	4.394	0.040	8	2	1	1
PL.45212	PL.46666	ABC	#2 ACSR	7.28Y	121.3	0.04	3.72	57.45	33	1212	325	97	0.38	0.0	4.337	0.028	14	4	2	203
PL.46812	PL.45212	ABC	#2 ACSR	7.27Y	121.2	0.07	3.79	53.00	30	1117	300	97	0.63	0.1	4.392	0.055	19	5	3	188
PL.46679	PL.46812	ABC	#2 ACSR	7.27Y	121.1	0.07	3.86	52.11	30	1098	295	97	0.61	0.1	4.447	0.054	2	1	1	185
PL.46813	PL.46679	ABC	#2 ACSR	7.26Y	121.0	0.19	4.05	52.01	30	1095	294	97	1.59	0.1	4.590	0.143	0	0	0	184
PL.45938	PL.46813	A	6 A (CWC)	7.26Y	121.0	0.00	4.05	0.00	0	0	0	100	0.00	0.0	4.641	0.051	0	0	0	0
PL.46814	PL.46813	ABC	#2 ACSR	7.24Y	120.7	0.28	4.33	52.01	30	1094	293	97	2.35	0.2	4.802	0.212	0	0	0	184
PL.56456	PL.46814	ABC	#2 ACSR	7.23Y	120.5	0.15	4.48	49.48	28	1038	278	97	1.20	0.1	4.922	0.119	0	0	1	172
PL.56457	PL.56456	ABC	#2 ACSR	7.23Y	120.5	0.06	4.54	49.46	28	1037	277	97	0.52	0.1	4.974	0.052	7	2	1	171
PL.46189	PL.56457	B	6 A (CWC)	7.23Y	120.5	0.00	4.54	0.00	0	0	0	100	0.00	0.0	5.054	0.080	0	0	0	0
PL.60250	PL.56457	ABC	#2 ACSR	7.22Y	120.3	0.11	4.65	49.13	28	1029	275	97	0.91	0.1	5.067	0.092	0	0	0	170
PL.60251	PL.60250	ABC	#2 ACSR	7.21Y	120.2	0.15	4.80	48.72	28	1020	272	97	1.16	0.1	5.186	0.120	0	0	0	169
PL.47012	PL.60251	ABC	#2 ACSR	7.21Y	120.1	0.09	4.89	48.72	28	1018	272	97	0.73	0.1	5.261	0.075	0	0	0	169
PL.52779	PL.47012	ABC	#2 ACSR	7.20Y	120.0	0.11	5.01	48.72	28	1018	271	97	0.89	0.1	5.352	0.092	0	0	0	169
PL.52782	PL.52779	B	6 A (CWC)	7.20Y	119.9	0.06	5.07	16.13	12	112	29	97	0.05	0.0	5.438	0.086	0	0	0	20
PL.46509	PL.52782	B	6 A (CWC)	7.20Y	119.9	0.00	5.07	16.13	12	112	29	97	0.00	0.0	5.440	0.001	0	0	0	20
PD.7302	PL.46509	B	70L	7.20Y	119.9	0.00	5.07	16.13	23	112	29	97	0.00	0.0	5.440	0.001	0	0	0	20
PL.60484	PD.7302	B	6 A (CWC)	7.20Y	119.9	0.00	5.07	16.13	12	112	29	97	0.00	0.0	5.442	0.002	0	0	0	20
PD.9008-A	PL.60484	B	Closed	7.20Y	119.9	0.00	5.07	16.13	0	112	29	97	0.00	0.0	5.442	0.002	0	0	0	20
PD.9008-B	PD.9008-A	B	Closed	7.20Y	119.9	0.00	5.07	16.13	0	112	29	97	0.00	0.0	5.442	0.002	0	0	0	20
PL.60485	PD.9008-B	B	6 A (CWC)	7.18Y	119.7	0.18	5.25	16.13	12	112	29	97	0.16	0.1	5.691	0.249	0	0	0	20
PL.46342	PL.60485	B	6 A (CWC)	7.18Y	119.6	0.10	5.35	16.13	12	112	29	97	0.08	0.1	5.827	0.136	7	2	1	20
PL.46376	PL.46342	B	6 A (CWC)	7.18Y	119.6	0.06	5.42	15.18	11	105	27	97	0.05	0.0	5.922	0.095	8	2	1	19
PL.60486	PL.46376	B	#4 ACSR	7.18Y	119.6	0.00	5.42	0.87	1	6	2	95	0.00	0.0	5.926	0.003	0	0	0	1
PD.9009	PL.60486	B	15T	7.18Y	119.6	0.00	5.42	0.87	0	6	2	95	0.00	0.0	5.926	0.003	0	0	0	1
PL.60487	PD.9009	B	#4 ACSR	7.18Y	119.6	0.00	5.42	0.87	1	6	2	95	0.00	0.0	5.990	0.064	6	2	1	1
PL.46377	PL.60487	B	6 A (CWC)	7.17Y	119.5	0.06	5.48	13.23	9	92	24	97	0.04	0.0	6.024	0.102	0	0	0	17
PL.60488	PL.46377	B	#2 ACSR	7.17Y	119.5	0.00	5.48	0.65	0	4	1	97	0.00	0.0	6.027	0.003	0	0	0	1
PD.9010	PL.60488	B	12T	7.17Y	119.5	0.00	5.48	0.65	0	4	1	97	0.00	0.0	6.027	0.003	0	0	0	1
PL.60489	PD.9010	B	#2 ACSR	7.17Y	119.5	0.00	5.48	0.65	0	4	1	97	0.00	0.0	6.125	0.098	4	1	1	1
PL.56533	PL.46377	B	6 A (CWC)	7.17Y	119.5	0.03	5.51	12.58	9	87	23	97	0.02	0.0	6.085	0.061	1	0	1	16

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.60490	PL.56533	B	#2 ACSR	7.17Y	119.5	0.00	5.51	3.26	2	23	6	97	0.00	0.0	6.089	0.004	0	0	0	2
PD.9011	PL.60490	B	12T	7.17Y	119.5	0.00	5.51	3.26	0	23	6	97	0.00	0.0	6.089	0.004	0	0	0	2
PL.60491	PD.9011	B	#2 ACSR	7.17Y	119.5	0.01	5.52	3.26	2	23	6	97	0.00	0.0	6.174	0.085	12	3	1	2
PL.46378	PL.60491	B	#2 ACSR	7.17Y	119.5	0.00	5.52	1.48	1	10	3	96	0.00	0.0	6.227	0.053	10	3	1	1
PL.56532	PL.56533	B	6 A (CWC)	7.17Y	119.5	0.02	5.53	9.20	7	64	17	97	0.01	0.0	6.122	0.037	0	0	1	13
PL.46379	PL.56532	B	6 A (CWC)	7.17Y	119.4	0.04	5.56	9.18	7	64	17	97	0.02	0.0	6.217	0.095	9	2	1	12
PL.63564	PL.46379	B	#1/0 ACSR	7.17Y	119.4	0.00	5.56	1.30	1	9	2	98	0.00	0.0	6.250	0.032	9	2	2	2
PL.60492	PL.46379	B	6 A (CWC)	7.17Y	119.4	0.00	5.56	6.55	5	45	12	97	0.00	0.0	6.221	0.004	0	0	0	9
PD.9012	PL.60492	B	12T	7.17Y	119.4	0.00	5.56	6.55	0	45	12	97	0.00	0.0	6.221	0.004	0	0	0	9
PL.59977	PD.9012	B	6 A (CWC)	7.17Y	119.4	0.02	5.58	6.55	5	45	12	97	0.01	0.0	6.277	0.056	2	0	1	9
PL.46380	PL.59977	B	6 A (CWC)	7.16Y	119.4	0.02	5.60	6.33	5	44	11	97	0.01	0.0	6.352	0.076	0	0	0	8
PL.55216	PL.46380	B	6 A (CWC)	7.16Y	119.4	0.02	5.62	4.81	3	33	9	96	0.00	0.0	6.458	0.105	10	3	2	7
PL.55217	PL.55216	B	6 A (CWC)	7.16Y	119.4	0.01	5.63	3.33	2	23	6	97	0.00	0.0	6.514	0.056	0	0	0	5
PL.59982	PL.55217	B	#4 ACSR	7.16Y	119.4	0.00	5.63	3.12	2	22	6	96	0.00	0.0	6.517	0.004	0	0	0	4
PD.9015	PL.59982	B	25T	7.16Y	119.4	0.00	5.63	3.12	0	22	6	96	0.00	0.0	6.517	0.004	0	0	0	4
PL.59983	PD.9015	B	#4 ACSR	7.16Y	119.4	0.01	5.64	3.12	2	22	6	96	0.00	0.0	6.603	0.086	11	3	2	4
PL.55219	PL.59983	B	#4 ACSR	7.16Y	119.4	0.01	5.65	1.52	1	11	3	96	0.00	0.0	6.685	0.082	0	0	0	2
PL.46234	PL.55219	B	#4 ACSR	7.16Y	119.4	0.00	5.65	0.84	1	6	2	95	0.00	0.0	6.803	0.119	6	2	1	1
PL.46531	PL.55219	B	#1/0 ACSR	7.16Y	119.4	0.00	5.65	0.67	0	5	1	98	0.00	0.0	6.813	0.128	5	1	1	1
PL.46001	PL.55217	B	6 A (CWC)	7.16Y	119.4	0.00	5.63	0.00	0	0	0	100	0.00	0.0	6.600	0.087	0	0	0	0
PL.55210	PL.46001	B	6 A (CWC)	7.16Y	119.4	0.00	5.63	0.00	0	0	0	100	0.00	0.0	6.736	0.136	0	0	0	0
PD.8174-A	PL.55210	B	Open	7.16Y	119.4	0.00	5.63	0.00	0	0	0	100	0.00	0.0	6.736	0.136	0	0	0	0
PL.55522	PL.46001	B	#2 ACSR	7.16Y	119.4	0.00	5.63	0.00	0	0	0	100	0.00	0.0	6.657	0.057	0	0	0	0
PL.59980	PL.55217	B	#4 ACSR	7.16Y	119.4	0.00	5.63	0.21	0	1	0	100	0.00	0.0	6.517	0.004	0	0	0	1
PD.9014	PL.59980	B	12T	7.16Y	119.4	0.00	5.63	0.21	0	1	0	100	0.00	0.0	6.517	0.004	0	0	0	1
PL.59981	PD.9014	B	#4 ACSR	7.16Y	119.4	0.00	5.63	0.21	0	1	0	100	0.00	0.0	6.603	0.086	1	0	1	1
PL.59978	PL.46380	B	6 A (CWC)	7.16Y	119.4	0.00	5.60	1.52	1	11	3	96	0.00	0.0	6.356	0.004	0	0	0	1
PD.9013	PL.59978	B	25T	7.16Y	119.4	0.00	5.60	1.52	0	11	3	96	0.00	0.0	6.356	0.004	0	0	0	1
PL.64886	PD.9013	B	6 A (CWC)	7.16Y	119.4	0.00	5.61	1.52	1	11	3	96	0.00	0.0	6.414	0.057	0	0	0	1
PL.64887	PL.64886	B	6 A (CWC)	7.16Y	119.4	0.00	5.61	1.52	1	11	3	96	0.00	0.0	6.414	0.000	0	0	0	1
PL.55218	PL.64887	B	6 A (CWC)	7.16Y	119.4	0.00	5.61	1.52	1	11	3	96	0.00	0.0	6.463	0.049	11	3	1	1

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Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky  
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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.52780	PL.52779	ABC	#2 ACSR	7.19Y	119.9	0.12	5.13	43.28	25	903	241	97	0.88	0.1	5.467	0.114	0	0	0	147
PL.46341	PL.52780	A	6 A (CWC)	7.19Y	119.9	0.00	5.13	1.05	1	7	2	96	0.00	0.0	5.470	0.003	0	0	0	1
PD.7165	PL.46341	A	75QA	7.19Y	119.9	0.00	5.13	1.05	1	7	2	96	0.00	0.0	5.470	0.003	0	0	0	1
PL.56465	PD.7165	A	6 A (CWC)	7.19Y	119.9	0.00	5.13	1.05	1	7	2	96	0.00	0.0	5.539	0.069	7	2	1	1
PL.46340	PL.52780	ABC	#2 ACSR	7.19Y	119.8	0.07	5.20	42.93	25	895	239	97	0.47	0.1	5.529	0.062	0	0	0	146
PL.46506	PL.46340	ABC	#2 ACSR	7.19Y	119.8	0.04	5.24	42.65	24	889	237	97	0.31	0.0	5.570	0.042	0	0	0	145
PL.59650	PL.46506	ABC	#2 ACSR	7.18Y	119.7	0.08	5.33	32.59	19	679	181	97	0.44	0.1	5.675	0.104	21	6	2	108
PL.60494	PL.59650	C	6 A (CWC)	7.17Y	119.5	0.13	5.46	56.81	41	394	107	97	0.40	0.1	5.725	0.050	0	0	0	60
PD.9017	PL.60494	C	100CodeSMo	7.17Y	119.5	0.00	5.46	56.81	0	393	107	96	0.00	0.0	5.725	0.050	0	0	0	60
PL.60495	PD.9017	C	6 A (CWC)	7.17Y	119.5	0.01	5.47	56.81	41	393	107	96	0.04	0.0	5.731	0.006	0	0	0	60
C PD.8820	PL.60495	C	50L	7.17Y	119.5	0.00	5.47	56.81	114	393	107	96	0.00	0.0	5.731	0.006	0	0	0	60 C
PL.59867	PD.8820	C	6 A (CWC)	7.17Y	119.5	0.05	5.53	56.81	41	393	107	96	0.16	0.0	5.751	0.020	0	0	1	60
PL.59868	PL.59867	C	6 A (CWC)	7.15Y	119.2	0.26	5.78	56.81	41	393	106	97	0.78	0.2	5.851	0.100	0	0	0	59
PL.46992	PL.59868	C	#2 ACSR	7.15Y	119.2	0.00	5.79	1.64	1	11	3	96	0.00	0.0	6.022	0.171	11	3	1	1
PL.46405	PL.59868	C	#1/0 ACSR	7.15Y	119.1	0.09	5.87	54.03	23	373	101	97	0.23	0.1	5.923	0.072	0	0	0	57
PL.46407	PL.46405	C	#1/0 ACSR	7.14Y	119.1	0.07	5.95	54.03	23	373	101	97	0.18	0.0	5.981	0.058	6	2	2	57
PL.46406	PL.46407	C	6 A (CWC)	7.10Y	118.3	0.72	6.66	53.18	38	367	99	97	2.03	0.6	6.278	0.297	4	1	1	55
PL.46404	PL.46406	C	6 A (CWC)	7.09Y	118.2	0.10	6.76	52.66	38	361	97	97	0.28	0.1	6.320	0.042	4	1	1	54
L PL.46230	PL.46404	C	6 A (CWC)	7.08Y	118.0	0.27	7.03	52.04	37	357	95	97	0.74	0.2	6.433	0.112	0	0	0	53 L
L PL.46456	PL.46230	C	6 A (CWC)	7.07Y	117.8	0.15	7.18	52.04	37	356	95	97	0.41	0.1	6.495	0.062	0	0	0	53 L
L PL.63620	PL.46456	C	#1/0 ACSR	7.06Y	117.7	0.07	7.25	50.53	22	345	92	97	0.17	0.0	6.556	0.061	0	0	0	52 L
L PL.63621	PL.63620	C	#1/0 ACSR	7.06Y	117.6	0.12	7.37	50.53	22	345	92	97	0.28	0.1	6.658	0.102	5	1	1	52 L
L PL.46455	PL.63621	C	6 A (CWC)	7.04Y	117.3	0.33	7.70	49.79	36	340	90	97	0.87	0.3	6.803	0.145	0	0	0	51 L
L PL.46474	PL.46455	C	6 A (CWC)	7.03Y	117.1	0.19	7.88	48.76	35	332	88	97	0.48	0.1	6.888	0.085	9	2	1	50 L
L PL.46077	PL.46474	C	6 A (CWC)	7.01Y	116.9	0.24	8.12	47.43	34	322	85	97	0.61	0.2	6.999	0.111	0	0	0	49 L
L PL.45973	PL.46077	C	#1/0 ACSR	7.01Y	116.9	0.00	8.13	2.45	1	17	4	97	0.00	0.0	7.034	0.035	8	2	1	2 L
L PL.45765	PL.45973	C	#1/0 ACSR	7.01Y	116.9	0.00	8.13	1.30	1	9	2	98	0.00	0.0	7.090	0.056	9	2	1	1 L
L PL.45972	PL.45765	C	6 A (CWC)	7.00Y	116.7	0.13	8.26	44.98	32	305	81	97	0.32	0.1	7.064	0.065	0	0	0	47 L
L PL.46076	PL.45972	C	6 A (CWC)	7.00Y	116.6	0.09	8.35	44.98	32	305	80	97	0.22	0.1	7.110	0.046	9	2	1	47 L
L PL.60517	PL.46076	C	6 A (CWC)	6.99Y	116.5	0.15	8.50	43.65	31	295	78	97	0.35	0.1	7.186	0.076	0	0	0	46 L
L PL.62438	PL.60517	C	6 A (CWC)	6.98Y	116.3	0.17	8.67	42.69	30	289	76	97	0.39	0.1	7.273	0.087	0	0	0	45 L

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Balanced Voltage Drop Report  
Source: Campground

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

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
-----																				
L PL.62478	PL.62438	C	6 A (CWC)	6.97Y	116.2	0.08	8.75	31.65	23	214	56	97	0.13	0.1	7.328	0.055	0	0	0	33 L
L PL.62479	PL.62478	C	6 A (CWC)	6.96Y	116.1	0.17	8.92	31.65	23	214	56	97	0.28	0.1	7.447	0.119	7	2	1	33 L
L PL.46075	PL.62479	C	6 A (CWC)	6.96Y	116.0	0.11	9.03	30.67	22	207	54	97	0.17	0.1	7.524	0.077	6	2	1	32 L
L PL.46074	PL.46075	C	6 A (CWC)	6.95Y	115.8	0.13	9.16	27.22	19	183	48	97	0.19	0.1	7.631	0.107	0	0	0	29 L
L PL.46825	PL.46074	C	6 A (CWC)	6.95Y	115.8	0.00	9.16	0.23	0	2	0	100	0.00	0.0	7.674	0.043	2	0	1	1 L
L PL.46432	PL.46074	C	6 A (CWC)	6.94Y	115.7	0.18	9.34	26.99	19	181	48	97	0.26	0.1	7.775	0.145	0	0	0	28 L
L PL.47031	PL.46432	C	6 A (CWC)	6.93Y	115.5	0.14	9.47	26.99	19	181	47	97	0.20	0.1	7.887	0.111	1	0	1	28 L
L PL.46279	PL.47031	C	6 A (CWC)	6.92Y	115.3	0.19	9.66	26.91	19	180	47	97	0.27	0.1	8.039	0.152	0	0	0	27 L
L PL.46277	PL.46279	C	6 A (CWC)	6.91Y	115.2	0.12	9.78	26.08	19	175	46	97	0.17	0.1	8.141	0.102	0	0	1	26 L
L PL.46276	PL.46277	C	6 A (CWC)	6.91Y	115.2	0.00	9.78	0.00	0	0	0	100	0.00	0.0	8.159	0.017	0	0	0	0 L
L PL.46282	PL.46277	C	6 A (CWC)	6.91Y	115.1	0.07	9.86	26.07	19	174	45	97	0.10	0.1	8.204	0.063	0	0	0	25 L
L PL.46283	PL.46282	C	6 A (CWC)	6.91Y	115.1	0.05	9.91	26.07	19	174	45	97	0.07	0.0	8.249	0.045	0	0	0	25 L
L PL.46274	PL.46283	C	6 A (CWC)	6.90Y	115.0	0.06	9.97	21.43	15	143	37	97	0.07	0.1	8.315	0.066	0	0	0	22 L
L PL.46285	PL.46274	C	6 A (CWC)	6.90Y	115.0	0.00	9.97	16.96	12	113	29	97	0.00	0.0	8.316	0.001	0	0	0	17 L
L PD.7224	PL.46285	C	20T	6.90Y	115.0	0.00	9.97	16.96	0	113	29	97	0.00	0.0	8.316	0.001	0	0	0	17 L
L PL.64580	PD.7224	C	6 A (CWC)	6.90Y	115.0	0.02	9.99	16.96	12	113	29	97	0.02	0.0	8.340	0.024	0	0	0	17 L
L PL.64581	PL.64580	C	6 A (CWC)	6.90Y	115.0	0.00	9.99	16.96	12	113	29	97	0.00	0.0	8.340	0.000	0	0	0	17 L
L PL.64579	PL.64581	C	6 A (CWC)	6.90Y	114.9	0.06	10.05	16.96	12	113	29	97	0.05	0.0	8.416	0.076	0	0	0	17 L
L PL.46221	PL.64579	C	6 A (CWC)	6.89Y	114.9	0.07	10.12	16.96	12	113	29	97	0.06	0.1	8.515	0.099	26	7	2	17 L
L PL.45050	PL.46221	C	6 A (CWC)	6.89Y	114.9	0.00	10.12	0.00	0	0	0	100	0.00	0.0	8.516	0.000	0	0	0	0 L
L PD.7170	PL.45050	C	20T	6.89Y	114.9	0.00	10.12	0.00	0	0	0	100	0.00	0.0	8.516	0.000	0	0	0	0 L
L PL.45051	PD.7170	C	6 A (CWC)	6.89Y	114.9	0.00	10.12	0.00	0	0	0	100	0.00	0.0	8.602	0.087	0	0	0	0 L
L PL.46994	PL.46221	C	#4 ACSR	6.89Y	114.9	0.01	10.13	7.96	6	53	14	97	0.00	0.0	8.536	0.021	29	8	3	8 L
L PL.46995	PL.46994	C	#1/0 ACSR	6.89Y	114.9	0.02	10.14	3.63	2	24	6	97	0.00	0.0	8.755	0.219	5	1	2	5 L
L PL.60482	PL.46995	C	#2 ACSR	6.89Y	114.9	0.00	10.14	2.04	1	14	4	96	0.00	0.0	8.810	0.056	0	0	0	2 L
L PD.9006	PL.60482	C	12T	6.89Y	114.9	0.00	10.14	2.04	0	14	4	96	0.00	0.0	8.810	0.056	0	0	0	2 L
L PL.60483	PD.9006	C	#2 ACSR	6.89Y	114.9	0.00	10.15	2.04	1	14	4	96	0.00	0.0	8.915	0.105	14	4	2	2 L
L PL.45049	PL.46995	C	#4 ACSR	6.89Y	114.9	0.00	10.15	0.80	1	5	1	98	0.00	0.0	8.858	0.103	0	0	0	1 L
L PL.46685	PL.45049	C	#2 ACSR	6.89Y	114.9	0.00	10.15	0.80	0	5	1	98	0.00	0.0	8.859	0.002	0	0	0	1 L
L PD.7281	PL.46685	C	40QA	6.89Y	114.9	0.00	10.15	0.80	2	5	1	98	0.00	0.0	8.859	0.002	0	0	0	1 L
L PL.46464	PD.7281	C	#2 ACSR	6.89Y	114.9	0.00	10.15	0.80	0	5	1	98	0.00	0.0	8.964	0.105	5	1	1	1 L

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
L PL.45048	PL.45049	C	#4 ACSR	6.89Y	114.9	0.00	10.15	0.00	0	0	0	100	0.00	0.0	9.130	0.273	0	0	0	0 L
L PL.60298	PL.45048	C	#4 ACSR	6.89Y	114.9	0.00	10.15	0.00	0	0	0	100	0.00	0.0	9.134	0.004	0	0	0	0 L
L PD.8886-A	PL.60298	C	Open	6.89Y	114.9	0.00	10.15	0.00	0	0	0	100	0.00	0.0	9.134	0.004	0	0	0	0 L
L PL.66648	PL.46221	C	#4 ACSR	6.89Y	114.9	0.00	10.12	5.15	4	34	9	97	0.00	0.0	8.516	0.000	0	0	0	7 L
L PD.10406	PL.66648	C	25T	6.89Y	114.9	0.00	10.12	5.15	0	34	9	97	0.00	0.0	8.516	0.000	0	0	0	7 L
L PL.66649	PD.10406	C	#4 ACSR	6.89Y	114.9	0.01	10.13	5.15	4	34	9	97	0.00	0.0	8.575	0.060	4	1	1	7 L
L PL.45935	PL.66649	C	#4 ACSR	6.89Y	114.9	0.00	10.13	0.44	0	3	1	95	0.00	0.0	8.623	0.048	3	1	1	1 L
L PL.45053	PL.66649	C	#4 ACSR	6.89Y	114.9	0.02	10.15	4.05	3	27	7	97	0.00	0.0	8.714	0.138	18	5	2	5 L
L PL.45936	PL.45053	C	#4 ACSR	6.89Y	114.9	0.00	10.15	0.20	0	1	0	100	0.00	0.0	8.756	0.043	1	0	1	1 L
L PL.45054	PL.45053	C	#4 ACSR	6.89Y	114.8	0.01	10.16	1.22	1	8	2	97	0.00	0.0	8.825	0.112	0	0	0	2 L
L PL.45055	PL.45054	C	#4 ACSR	6.89Y	114.8	0.00	10.16	0.00	0	0	0	100	0.00	0.0	8.843	0.017	0	0	0	0 L
L PL.46682	PL.45054	C	#2 ACSR	6.89Y	114.8	0.00	10.16	1.22	1	8	2	97	0.00	0.0	8.873	0.047	8	2	2	2 L
L PL.43918	PL.46274	C	6 A (CWC)	6.90Y	115.0	0.00	9.98	4.48	3	30	8	97	0.00	0.0	8.337	0.022	30	8	5	5 L
L PL.45052	PL.43918	C	6 A (CWC)	6.90Y	115.0	0.00	9.98	0.00	0	0	0	100	0.00	0.0	8.390	0.053	0	0	0	0 L
L PL.46275	PL.46283	C	#2 ACSR	6.91Y	115.1	0.00	9.91	4.64	3	31	8	97	0.00	0.0	8.250	0.001	0	0	0	3 L
L PD.7280	PL.46275	C	40QA	6.91Y	115.1	0.00	9.91	4.64	12	31	8	97	0.00	0.0	8.250	0.001	0	0	0	3 L
L PL.46655	PD.7280	C	6 A (CWC)	6.90Y	115.1	0.01	9.92	4.64	3	31	8	97	0.00	0.0	8.320	0.070	9	2	1	3 L
L PL.45937	PL.46655	C	#2 ACSR	6.90Y	115.1	0.00	9.92	3.29	2	22	6	96	0.00	0.0	8.341	0.020	0	0	0	2 L
L PL.46280	PL.45937	C	#2 ACSR	6.90Y	115.1	0.00	9.93	3.29	2	22	6	96	0.00	0.0	8.369	0.029	10	3	1	2 L
L PL.46281	PL.46280	C	#2 ACSR	6.90Y	115.1	0.00	9.93	1.83	1	12	3	97	0.00	0.0	8.454	0.084	12	3	1	1 L
L PL.46278	PL.46279	C	6 A (CWC)	6.92Y	115.3	0.00	9.66	0.84	1	6	1	99	0.00	0.0	8.039	0.000	0	0	0	1 L
L PD.7169	PL.46278	C	40QA	6.92Y	115.3	0.00	9.66	0.84	2	6	1	99	0.00	0.0	8.039	0.000	0	0	0	1 L
L PL.46284	PD.7169	C	6 A (CWC)	6.92Y	115.3	0.00	9.66	0.84	1	6	1	99	0.00	0.0	8.057	0.018	6	1	1	1 L
L PL.43915	PL.46075	C	6 A (CWC)	6.96Y	116.0	0.00	9.03	2.54	2	17	4	97	0.00	0.0	7.536	0.013	17	4	2	2 L
L PL.62481	PL.62438	C	6 A (CWC)	6.98Y	116.3	0.00	8.67	11.03	8	75	19	97	0.00	0.0	7.276	0.003	0	0	0	12 L
L PD.9351	PL.62481	C	25T	6.98Y	116.3	0.00	8.67	11.03	0	75	19	97	0.00	0.0	7.276	0.003	0	0	0	12 L
L PL.66223	PD.9351	C	6 A (CWC)	6.98Y	116.3	0.06	8.74	11.03	8	75	19	97	0.04	0.0	7.400	0.124	0	0	0	12 L
L PL.66222	PL.66223	C	6 A (CWC)	6.97Y	116.2	0.04	8.78	11.03	8	74	19	97	0.02	0.0	7.493	0.093	22	6	4	12 L
L PL.46417	PL.66222	C	6 A (CWC)	6.97Y	116.2	0.02	8.80	7.76	6	52	14	97	0.01	0.0	7.568	0.075	7	2	1	8 L
L PL.60513	PL.46417	C	6 A (CWC)	6.97Y	116.2	0.00	8.80	1.42	1	10	2	98	0.00	0.0	7.572	0.003	0	0	0	2 L
L PD.9025	PL.60513	C	15T	6.97Y	116.2	0.00	8.80	1.42	0	10	2	98	0.00	0.0	7.572	0.003	0	0	0	2 L

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Balanced Voltage Drop Report  
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Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky  
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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	Length (mi)	-----Element-----		Cons On	Cons Thru
L PL.60514	PD.9025	C	6 A (CWC)	6.97Y	116.2	0.01	8.81	1.42	1	10	2	98	0.00	0.0	7.659	0.088	0	0	0	2 L
L PL.46488	PL.60514	C	#4 ACSR	6.97Y	116.2	0.00	8.81	1.41	1	10	2	98	0.00	0.0	7.739	0.079	10	2	1	1 L
L PL.47061	PL.60514	C	6 A (CWC)	6.97Y	116.2	0.00	8.81	0.01	0	0	0	100	0.00	0.0	7.818	0.159	0	0	1	1 L
L PL.46416	PL.46417	C	6 A (CWC)	6.97Y	116.2	0.02	8.82	5.33	4	36	9	97	0.01	0.0	7.648	0.080	0	0	0	5 L
L PL.46415	PL.46416	C	6 A (CWC)	6.97Y	116.2	0.01	8.83	5.33	4	36	9	97	0.00	0.0	7.706	0.058	3	1	2	5 L
L PL.46505	PL.46415	C	6 A (CWC)	6.97Y	116.1	0.02	8.85	4.87	3	33	9	96	0.00	0.0	7.806	0.100	9	2	1	3 L
L PL.60520	PL.46505	C	6 A (CWC)	6.97Y	116.1	0.00	8.85	0.00	0	0	0	100	0.00	0.0	7.897	0.091	0	0	0	0 L
L PD.8863-B	PL.60520	C	Open	6.97Y	116.1	0.00	8.85	0.00	0	0	0	100	0.00	0.0	7.897	0.091	0	0	0	0 L
L PL.60515	PL.46505	C	#2 ACSR	6.97Y	116.1	0.00	8.85	3.48	2	23	6	97	0.00	0.0	7.809	0.004	0	0	0	2 L
L PD.9026	PL.60515	C	15T	6.97Y	116.1	0.00	8.85	3.48	0	23	6	97	0.00	0.0	7.809	0.004	0	0	0	2 L
L PL.60516	PD.9026	C	#2 ACSR	6.97Y	116.1	0.01	8.86	3.48	2	23	6	97	0.00	0.0	7.921	0.112	23	6	2	2 L
L PL.60518	PL.60517	C	6 A (CWC)	6.99Y	116.5	0.00	8.50	0.97	1	7	2	96	0.00	0.0	7.253	0.067	7	2	1	1 L
L PL.60496	PL.46455	C	6 A (CWC)	7.04Y	117.3	0.00	7.70	1.02	1	7	2	96	0.00	0.0	6.806	0.003	0	0	0	1 L
L PD.9018	PL.60496	C	15T	7.04Y	117.3	0.00	7.70	1.02	0	7	2	96	0.00	0.0	6.806	0.003	0	0	0	1 L
L PL.60497	PD.9018	C	6 A (CWC)	7.04Y	117.3	0.00	7.70	1.02	1	7	2	96	0.00	0.0	6.826	0.020	7	2	1	1 L
L PL.46532	PL.46456	C	#4 ACSR	7.07Y	117.8	0.00	7.18	1.51	1	10	3	96	0.00	0.0	6.572	0.077	10	3	1	1 L
L PL.46698	PL.46230	C	#2 ACSR	7.08Y	118.0	0.00	7.03	0.00	0	0	0	100	0.00	0.0	6.492	0.059	0	0	0	0 L
PL.46826	PL.59868	C	6 A (CWC)	7.15Y	119.2	0.00	5.79	1.14	1	8	2	97	0.00	0.0	5.896	0.045	8	2	1	1
PL.59651	PL.59650	ABC	#2 ACSR	7.18Y	119.6	0.03	5.36	12.62	7	263	69	97	0.07	0.0	5.783	0.108	0	0	0	46
PL.60545	PL.59651	ABC	#2 ACSR	7.18Y	119.6	0.00	5.36	12.62	7	263	69	97	0.00	0.0	5.786	0.003	0	0	0	46
PD.9027	PL.60545	ABC	50L	7.18Y	119.6	0.00	5.36	12.62	25	263	69	97	0.00	0.0	5.786	0.003	0	0	0	46
PL.60546	PD.9027	ABC	#2 ACSR	7.17Y	119.6	0.06	5.42	12.62	7	263	69	97	0.12	0.0	5.971	0.185	0	0	0	46
PL.59649	PL.60546	ABC	#2 ACSR	7.17Y	119.5	0.06	5.48	12.02	7	250	65	97	0.11	0.0	6.157	0.186	5	1	1	44
PL.46467	PL.59649	ABC	#2 ACSR	7.17Y	119.5	0.03	5.51	11.80	7	246	64	97	0.07	0.0	6.273	0.116	0	0	0	43
PL.47000	PL.46467	ABC	#2 ACSR	7.17Y	119.4	0.06	5.57	11.80	7	246	64	97	0.11	0.0	6.465	0.192	0	0	0	43
PL.64070	PL.47000	C	#1/0 ACSR	7.17Y	119.4	0.00	5.57	0.86	0	6	2	95	0.00	0.0	6.468	0.003	0	0	0	1
PD.9526	PL.64070	C	10T	7.17Y	119.4	0.00	5.57	0.86	0	6	2	95	0.00	0.0	6.468	0.003	0	0	0	1
PL.64071	PD.9526	C	#1/0 ACSR	7.17Y	119.4	0.00	5.57	0.86	0	6	2	95	0.00	0.0	6.509	0.040	6	2	1	1
PL.47001	PL.47000	ABC	#2 ACSR	7.16Y	119.4	0.05	5.62	11.52	7	240	63	97	0.09	0.0	6.632	0.167	0	0	0	42
PL.46338	PL.47001	ABC	6 A (CWC)	7.16Y	119.4	0.02	5.64	8.99	6	187	49	97	0.03	0.0	6.695	0.063	8	2	1	34
PL.46339	PL.46338	ABC	6 A (CWC)	7.16Y	119.3	0.02	5.66	8.62	6	179	47	97	0.03	0.0	6.768	0.073	6	2	2	33

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.60548	PL.46339	B	6 A (CWC)	7.16Y	119.3	0.05	5.71	24.40	17	169	44	97	0.07	0.0	6.813	0.045	0	0	0	30
PD.9028	PL.60548	B	35L	7.16Y	119.3	0.00	5.71	24.40	70	169	44	97	0.00	0.0	6.813	0.045	0	0	0	30
PL.60549	PD.9028	B	6 A (CWC)	7.15Y	119.1	0.14	5.86	24.40	17	169	44	97	0.18	0.1	6.945	0.132	10	3	1	30
PL.60547	PL.60549	B	6 A (CWC)	7.14Y	119.0	0.10	5.96	21.43	15	148	39	97	0.11	0.1	7.049	0.104	4	1	1	27
PL.46433	PL.60547	B	#1/0 ACSR	7.14Y	119.0	0.00	5.96	0.92	0	6	2	95	0.00	0.0	7.076	0.027	6	2	1	1
PL.46233	PL.60547	B	6 A (CWC)	7.14Y	119.0	0.04	6.00	19.88	14	137	36	97	0.05	0.0	7.098	0.049	0	0	0	25
PL.60552	PL.46233	B	6 A (CWC)	7.14Y	119.0	0.00	6.00	9.20	7	64	17	97	0.00	0.0	7.101	0.003	0	0	0	13
PD.9030	PL.60552	B	35CodeSMod	7.14Y	119.0	0.00	6.00	9.20	0	64	17	97	0.00	0.0	7.101	0.003	0	0	0	13
PL.60553	PD.9030	B	6 A (CWC)	7.14Y	119.0	0.02	6.02	9.20	7	64	17	97	0.01	0.0	7.162	0.061	9	2	1	13
PL.46389	PL.60553	B	6 A (CWC)	7.14Y	118.9	0.03	6.06	7.89	6	55	14	97	0.01	0.0	7.250	0.088	0	0	0	12
PL.46457	PL.46389	B	#2 ACSR	7.14Y	118.9	0.00	6.06	1.52	1	10	3	96	0.00	0.0	7.275	0.025	10	3	2	2
PL.46458	PL.46457	B	#2 ACSR	7.14Y	118.9	0.00	6.06	0.00	0	0	0	100	0.00	0.0	7.375	0.101	0	0	0	0
PL.46459	PL.46458	B	#2 ACSR	7.14Y	118.9	0.00	6.06	0.00	0	0	0	100	0.00	0.0	7.413	0.038	0	0	0	0
PL.62731	PL.46389	B	6 A (CWC)	7.13Y	118.9	0.03	6.09	6.37	5	44	11	97	0.01	0.0	7.363	0.113	0	0	0	10
PL.62728	PL.62731	B	6 A (CWC)	7.13Y	118.9	0.00	6.09	3.47	2	24	6	97	0.00	0.0	7.366	0.003	0	0	0	4
PD.9032	PL.62728	B	20T	7.13Y	118.9	0.00	6.09	3.47	0	24	6	97	0.00	0.0	7.366	0.003	0	0	0	4
PL.62729	PD.9032	B	6 A (CWC)	7.13Y	118.9	0.01	6.10	3.47	2	24	6	97	0.00	0.0	7.424	0.058	0	0	0	4
PL.46460	PL.62729	B	6 A (CWC)	7.13Y	118.9	0.02	6.12	3.47	2	24	6	97	0.00	0.0	7.578	0.153	11	3	1	4
PL.46461	PL.46460	B	6 A (CWC)	7.13Y	118.9	0.01	6.12	1.89	1	13	3	97	0.00	0.0	7.666	0.089	0	0	0	3
PL.46476	PL.46461	B	6 A (CWC)	7.13Y	118.9	0.00	6.13	1.24	1	9	2	98	0.00	0.0	7.699	0.033	9	2	2	2
PL.46462	PL.46461	B	6 A (CWC)	7.13Y	118.9	0.00	6.13	0.65	0	4	1	97	0.00	0.0	7.718	0.051	4	1	1	1
PL.46463	PL.46462	B	6 A (CWC)	7.13Y	118.9	0.00	6.13	0.00	0	0	0	100	0.00	0.0	7.866	0.148	0	0	0	0
PL.62730	PL.62731	B	6 A (CWC)	7.13Y	118.9	0.00	6.09	2.90	2	20	5	97	0.00	0.0	7.366	0.004	0	0	0	6
PD.9033	PL.62730	B	20T	7.13Y	118.9	0.00	6.09	2.90	0	20	5	97	0.00	0.0	7.366	0.004	0	0	0	6
PL.60556	PD.9033	B	6 A (CWC)	7.13Y	118.9	0.00	6.09	2.90	2	20	5	97	0.00	0.0	7.398	0.031	0	0	0	6
PL.43919	PL.60556	B	6 A (CWC)	7.13Y	118.9	0.00	6.10	1.01	1	7	2	96	0.00	0.0	7.508	0.110	7	2	3	3
PL.43920	PL.60556	B	#4 ACSR	7.13Y	118.9	0.01	6.10	1.89	1	13	3	97	0.00	0.0	7.498	0.100	9	2	2	3
PL.46511	PL.43920	B	#4 ACSR	7.13Y	118.9	0.00	6.10	0.64	0	4	1	97	0.00	0.0	7.665	0.167	4	1	1	1
PL.60446	PL.46233	B	6 A (CWC)	7.14Y	119.0	0.04	6.04	10.69	8	74	19	97	0.02	0.0	7.185	0.087	0	0	0	12
PL.60447	PL.60446	B	6 A (CWC)	7.13Y	118.9	0.04	6.09	10.69	8	74	19	97	0.03	0.0	7.275	0.091	0	0	0	12
PL.46500	PL.60447	B	6 A (CWC)	7.13Y	118.9	0.03	6.11	9.57	7	66	17	97	0.01	0.0	7.337	0.062	4	1	1	11

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46501	PL.46500	B	6 A (CWC)	7.13Y	118.9	0.03	6.14	9.04	6	62	16	97	0.02	0.0	7.418	0.081	3	1	1	10
PL.46502	PL.46501	B	6 A (CWC)	7.13Y	118.8	0.05	6.20	8.55	6	59	15	97	0.02	0.0	7.557	0.139	0	0	0	9
PL.60557	PL.46502	B	6 A (CWC)	7.13Y	118.8	0.00	6.20	7.95	6	55	14	97	0.00	0.0	7.560	0.003	0	0	0	7
PD.9034	PL.60557	B	20T	7.13Y	118.8	0.00	6.20	7.95	0	55	14	97	0.00	0.0	7.560	0.003	0	0	0	7
PL.60558	PD.9034	B	6 A (CWC)	7.13Y	118.8	0.01	6.21	7.95	6	55	14	97	0.00	0.0	7.591	0.031	14	4	1	7
PL.46215	PL.60558	B	6 A (CWC)	7.13Y	118.8	0.00	6.21	1.12	1	8	2	97	0.00	0.0	7.656	0.065	8	2	1	1
PL.64583	PL.60558	B	6 A (CWC)	7.12Y	118.7	0.05	6.26	4.82	3	33	9	96	0.01	0.0	7.800	0.209	0	0	0	5
PL.64582	PL.64583	B	#1/0 ACSR	7.12Y	118.7	0.00	6.26	3.23	1	22	6	96	0.00	0.0	7.844	0.044	16	4	1	3
PL.63730	PL.64582	B	#1/0 ACSR	7.12Y	118.7	0.00	6.26	0.93	0	6	2	95	0.00	0.0	7.887	0.043	6	2	1	2
PL.63731	PL.63730	B	#1/0 ACSR	7.12Y	118.7	0.00	6.26	0.00	0	0	0	100	0.00	0.0	7.927	0.040	0	0	1	1
PL.64584	PL.64583	B	6 A (CWC)	7.12Y	118.7	0.00	6.26	1.59	1	11	3	96	0.00	0.0	7.888	0.088	11	3	2	2
PL.60559	PL.46502	B	6 A (CWC)	7.13Y	118.8	0.00	6.20	0.61	0	4	1	97	0.00	0.0	7.560	0.003	0	0	0	2
PD.9035	PL.60559	B	20T	7.13Y	118.8	0.00	6.20	0.61	0	4	1	97	0.00	0.0	7.560	0.003	0	0	0	2
PL.60560	PD.9035	B	6 A (CWC)	7.13Y	118.8	0.00	6.20	0.61	0	4	1	97	0.00	0.0	7.618	0.057	4	1	2	2
PL.60554	PL.60447	B	#4 ACSR	7.13Y	118.9	0.00	6.09	1.12	1	8	2	97	0.00	0.0	7.279	0.004	0	0	0	1
PD.9031	PL.60554	B	12T	7.13Y	118.9	0.00	6.09	1.12	0	8	2	97	0.00	0.0	7.279	0.004	0	0	0	1
PL.60555	PD.9031	B	#4 ACSR	7.13Y	118.9	0.00	6.09	1.12	1	8	2	97	0.00	0.0	7.350	0.071	8	2	1	1
PL.60448	PL.60446	B	#4/0 ACSR	7.14Y	119.0	0.00	6.04	0.00	0	0	0	100	0.00	0.0	7.208	0.023	0	0	0	0
PL.60550	PL.60549	B	6 A (CWC)	7.15Y	119.1	0.00	5.86	1.46	1	10	3	96	0.00	0.0	6.949	0.004	0	0	0	2
PD.9029	PL.60550	B	20T	7.15Y	119.1	0.00	5.86	1.46	0	10	3	96	0.00	0.0	6.949	0.004	0	0	0	2
PL.60551	PD.9029	B	6 A (CWC)	7.15Y	119.1	0.00	5.86	1.46	1	10	3	96	0.00	0.0	6.982	0.034	9	2	1	2
PL.46232	PL.60551	B	6 A (CWC)	7.15Y	119.1	0.00	5.86	0.23	0	2	0	100	0.00	0.0	7.077	0.095	2	0	1	1
PL.46529	PL.46339	C	6 A (CWC)	7.16Y	119.3	0.00	5.66	0.57	0	4	1	97	0.00	0.0	6.769	0.001	0	0	0	1
PD.7260	PL.46529	C	40QA	7.16Y	119.3	0.00	5.66	0.57	1	4	1	97	0.00	0.0	6.769	0.001	0	0	0	1
PL.46530	PD.7260	C	6 A (CWC)	7.16Y	119.3	0.00	5.67	0.57	0	4	1	97	0.00	0.0	6.971	0.202	4	1	1	1
PL.46231	PL.47001	C	6 A (CWC)	7.16Y	119.4	0.00	5.62	7.59	5	53	14	97	0.00	0.0	6.633	0.001	0	0	0	8
PD.6997	PL.46231	C	40QA	7.16Y	119.4	0.00	5.62	7.59	19	53	14	97	0.00	0.0	6.633	0.001	0	0	0	8
PL.47002	PD.6997	C	6 A (CWC)	7.16Y	119.3	0.11	5.73	7.59	5	53	14	97	0.05	0.1	6.960	0.326	0	0	0	8
PL.46990	PL.47002	C	#4 ACSR	7.16Y	119.3	0.00	5.73	1.32	1	9	2	98	0.00	0.0	7.036	0.077	9	2	3	3
PL.60521	PL.47002	C	6 A (CWC)	7.16Y	119.3	0.01	5.74	6.27	4	43	11	97	0.00	0.0	7.008	0.049	0	0	0	5
PD.8864	PL.60521	C	15T	7.16Y	119.3	0.00	5.74	6.27	0	43	11	97	0.00	0.0	7.008	0.049	0	0	0	5

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Balanced Voltage Drop Report  
Source: Campground

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.60522	PD.8864	C	6 A (CWC)	7.16Y	119.3	0.00	5.74	6.27	4	43	11	97	0.00	0.0	7.012	0.004	13	3	1	5
PL.46503	PL.60522	C	6 A (CWC)	7.15Y	119.2	0.02	5.76	4.47	3	31	8	97	0.00	0.0	7.115	0.103	16	4	2	4
PL.46326	PL.46503	C	#4 ACSR	7.15Y	119.2	0.00	5.76	0.35	0	2	1	89	0.00	0.0	7.211	0.096	2	1	1	1
PL.46504	PL.46503	C	6 A (CWC)	7.15Y	119.2	0.00	5.76	1.74	1	12	3	97	0.00	0.0	7.207	0.092	12	3	1	1
PL.60519	PL.46504	C	6 A (CWC)	7.15Y	119.2	0.00	5.76	0.00	0	0	0	100	0.00	0.0	7.210	0.003	0	0	0	0
PD.8863-A	PL.60519	C	Open	7.15Y	119.2	0.00	5.76	0.00	0	0	0	100	0.00	0.0	7.210	0.003	0	0	0	0
PL.59648	PL.60546	A	#4 ACSR	7.17Y	119.6	0.00	5.42	1.79	1	12	3	97	0.00	0.0	5.972	0.002	0	0	0	2
PD.6996	PL.59648	A	12T	7.17Y	119.6	0.00	5.42	1.79	0	12	3	97	0.00	0.0	5.972	0.002	0	0	0	2
PL.46466	PD.6996	A	#4 ACSR	7.17Y	119.6	0.00	5.43	1.79	1	12	3	97	0.00	0.0	6.031	0.058	2	0	1	2
PL.46465	PL.46466	A	#4 ACSR	7.17Y	119.6	0.01	5.43	1.53	1	11	3	96	0.00	0.0	6.212	0.182	11	3	1	1
PL.46190	PL.46506	A	6 A (CWC)	7.18Y	119.7	0.03	5.27	30.20	22	210	55	97	0.05	0.0	5.591	0.021	0	0	0	37
PL.43914	PL.46190	A	6 A (CWC)	7.18Y	119.7	0.00	5.27	30.20	22	210	55	97	0.00	0.0	5.592	0.000	0	0	0	37
PD.7303	PL.43914	A	50L	7.18Y	119.7	0.00	5.27	30.20	60	210	55	97	0.00	0.0	5.592	0.000	0	0	0	37
PL.60498	PD.7303	A	6 A (CWC)	7.18Y	119.7	0.00	5.28	30.20	22	210	55	97	0.01	0.0	5.595	0.003	0	0	0	37
PD.9019-A	PL.60498	A	Closed	7.18Y	119.7	0.00	5.28	30.20	0	210	55	97	0.00	0.0	5.595	0.003	0	0	0	37
PD.9019-B	PD.9019-A	A	Closed	7.18Y	119.7	0.00	5.28	30.20	0	210	55	97	0.00	0.0	5.595	0.003	0	0	0	37
PL.60499	PD.9019-B	A	6 A (CWC)	7.18Y	119.7	0.07	5.34	30.20	22	210	55	97	0.11	0.1	5.645	0.050	5	1	2	37
PL.56259	PL.60499	A	6 A (CWC)	7.17Y	119.5	0.17	5.51	29.53	21	205	54	97	0.26	0.1	5.772	0.128	8	2	1	35
PL.56260	PL.56259	A	6 A (CWC)	7.16Y	119.4	0.07	5.59	28.39	20	197	52	97	0.11	0.1	5.830	0.058	6	2	1	34
PL.60500	PL.56260	A	#2 ACSR	7.16Y	119.4	0.00	5.59	0.41	0	3	1	95	0.00	0.0	5.833	0.003	0	0	0	2
PD.9020	PL.60500	A	25T	7.16Y	119.4	0.00	5.59	0.41	0	3	1	95	0.00	0.0	5.833	0.003	0	0	0	2
PL.60501	PD.9020	A	#2 ACSR	7.16Y	119.4	0.00	5.59	0.41	0	3	1	95	0.00	0.0	5.898	0.065	3	1	1	2
PL.56261	PL.60501	A	#2 ACSR	7.16Y	119.4	0.00	5.59	0.01	0	0	0	100	0.00	0.0	5.980	0.082	0	0	1	1
PL.60502	PL.56260	A	6 A (CWC)	7.16Y	119.3	0.12	5.71	27.10	19	188	49	97	0.18	0.1	5.932	0.102	6	2	1	31
PL.60505	PL.60502	A	6 A (CWC)	7.16Y	119.3	0.00	5.71	0.00	0	0	0	100	0.00	0.0	5.935	0.003	0	0	0	0
PD.9021	PL.60505	A	15T	7.16Y	119.3	0.00	5.71	0.00	0	0	0	100	0.00	0.0	5.935	0.003	0	0	0	0
PL.60506	PD.9021	A	6 A (CWC)	7.16Y	119.3	0.00	5.71	0.00	0	0	0	100	0.00	0.0	5.964	0.029	0	0	0	0
PL.60504	PL.60506	A	6 A (CWC)	7.16Y	119.3	0.00	5.71	0.00	0	0	0	100	0.00	0.0	5.997	0.034	0	0	0	0
PL.60503	PL.60502	A	6 A (CWC)	7.15Y	119.2	0.11	5.82	26.16	19	181	48	97	0.16	0.1	6.029	0.097	5	1	1	30
PL.56262	PL.60503	A	6 A (CWC)	7.15Y	119.1	0.08	5.90	25.37	18	175	46	97	0.10	0.1	6.098	0.069	7	2	1	29
PL.56263	PL.56262	A	6 A (CWC)	7.14Y	118.9	0.16	6.06	24.35	17	168	44	97	0.20	0.1	6.240	0.142	0	0	0	28

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.56264	PL.56263	A	6 A (CWC)	7.12Y	118.7	0.20	6.26	24.35	17	168	44	97	0.25	0.2	6.417	0.177	0	0	0	28
PL.46625	PL.56264	A	6 A (CWC)	7.12Y	118.6	0.15	6.41	19.98	14	138	36	97	0.16	0.1	6.588	0.172	3	1	1	22
PL.46626	PL.46625	A	6 A (CWC)	7.11Y	118.5	0.06	6.47	19.48	14	134	35	97	0.06	0.0	6.655	0.066	8	2	1	21
PL.46418	PL.46626	A	6 A (CWC)	7.11Y	118.5	0.07	6.54	18.33	13	126	33	97	0.07	0.1	6.742	0.087	9	2	1	20
PL.46419	PL.46418	A	6 A (CWC)	7.10Y	118.3	0.14	6.68	17.03	12	117	31	97	0.12	0.1	6.939	0.197	19	5	2	19
PL.46219	PL.46419	A	6 A (CWC)	7.10Y	118.3	0.04	6.72	14.28	10	98	26	97	0.03	0.0	7.003	0.064	9	2	1	17
PL.62970	PL.46219	A	6 A (CWC)	7.09Y	118.1	0.14	6.86	13.00	9	89	23	97	0.10	0.1	7.242	0.238	0	0	1	16
PL.62968	PL.62970	A	6 A (CWC)	7.09Y	118.1	0.00	6.86	11.15	8	77	20	97	0.00	0.0	7.245	0.003	0	0	0	14
PD.9022	PL.62968	A	20T	7.09Y	118.1	0.00	6.86	11.15	0	76	20	97	0.00	0.0	7.245	0.003	0	0	0	14
PL.60507	PD.9022	A	6 A (CWC)	7.08Y	118.1	0.06	6.92	11.15	8	76	20	97	0.04	0.0	7.379	0.134	10	3	1	14
L PL.46436	PL.60507	A	6 A (CWC)	7.08Y	118.0	0.08	7.01	9.65	7	66	17	97	0.04	0.1	7.582	0.203	7	2	1	13 L
L PL.46420	PL.46436	A	6 A (CWC)	7.08Y	117.9	0.05	7.06	7.49	5	51	13	97	0.02	0.0	7.726	0.143	3	1	1	11 L
L PL.60511	PL.46420	A	6 A (CWC)	7.08Y	117.9	0.00	7.06	0.30	0	2	1	89	0.00	0.0	7.729	0.004	0	0	0	1 L
L PD.9024	PL.60511	A	12T	7.08Y	117.9	0.00	7.06	0.30	0	2	1	89	0.00	0.0	7.729	0.004	0	0	0	1 L
L PL.60512	PD.9024	A	6 A (CWC)	7.08Y	117.9	0.00	7.06	0.30	0	2	1	89	0.00	0.0	7.856	0.127	2	1	1	1 L
L PL.46328	PL.46420	A	6 A (CWC)	7.08Y	117.9	0.02	7.08	6.76	5	46	12	97	0.01	0.0	7.802	0.077	0	0	1	9 L
L PL.59492	PL.46328	A	#4 ACSR	7.08Y	117.9	0.00	7.08	0.00	0	0	0	100	0.00	0.0	7.836	0.034	0	0	0	0 L
L PL.63544	PL.46328	A	6 A (CWC)	7.07Y	117.9	0.03	7.11	6.76	5	46	12	97	0.01	0.0	7.898	0.096	6	1	1	8 L
L PL.63545	PL.63544	A	6 A (CWC)	7.07Y	117.9	0.00	7.11	5.94	4	41	11	97	0.00	0.0	7.898	0.000	0	0	0	7 L
L PL.46329	PL.63545	A	6 A (CWC)	7.07Y	117.9	0.02	7.13	3.92	3	27	7	97	0.00	0.0	8.007	0.109	0	0	0	5 L
L PL.60593	PL.46329	A	#1/0 ACSR	7.07Y	117.9	0.00	7.13	0.66	0	5	1	98	0.00	0.0	8.039	0.032	5	1	1	1 L
L PL.46330	PL.46329	A	6 A (CWC)	7.07Y	117.9	0.01	7.14	3.26	2	22	6	96	0.00	0.0	8.108	0.101	1	0	1	4 L
L PL.46332	PL.46330	A	6 A (CWC)	7.07Y	117.8	0.01	7.15	3.04	2	21	5	97	0.00	0.0	8.180	0.072	0	0	0	3 L
L PL.46331	PL.46332	A	6 A (CWC)	7.07Y	117.8	0.00	7.16	1.61	1	11	3	96	0.00	0.0	8.252	0.072	7	2	1	2 L
L PL.46333	PL.46331	A	6 A (CWC)	7.07Y	117.8	0.00	7.16	0.65	0	4	1	97	0.00	0.0	8.323	0.071	4	1	1	1 L
L PL.63008	PL.46332	A	#2 ACSR	7.07Y	117.8	0.00	7.15	1.43	1	10	3	96	0.00	0.0	8.180	0.000	10	3	1	1 L
L PL.63009	PL.63008	A	#2 ACSR	7.07Y	117.8	0.00	7.15	0.00	0	0	0	100	0.00	0.0	8.228	0.048	0	0	0	0 L
L PL.46523	PL.63545	A	#4 ACSR	7.07Y	117.9	0.00	7.11	2.02	2	14	4	96	0.00	0.0	7.968	0.070	14	4	2	2 L
L PL.60509	PL.46436	A	#2 ACSR	7.08Y	118.0	0.00	7.01	1.13	1	8	2	97	0.00	0.0	7.586	0.004	0	0	0	1 L
L PD.9023	PL.60509	A	12T	7.08Y	118.0	0.00	7.01	1.13	0	8	2	97	0.00	0.0	7.586	0.004	0	0	0	1 L
L PL.60510	PD.9023	A	#2 ACSR	7.08Y	118.0	0.00	7.01	1.13	1	8	2	97	0.00	0.0	7.718	0.132	8	2	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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.62967	PL.62970	A	6 A (CWC)	7.09Y	118.1	0.00	6.86	1.85	1	13	3	97	0.00	0.0	7.302	0.060	13	3	1	1
PL.60508	PL.62967	A	6 A (CWC)	7.09Y	118.1	0.00	6.86	0.00	0	0	0	100	0.00	0.0	7.302	0.000	0	0	0	0
PL.62969	PL.62967	A	6 A (CWC)	7.09Y	118.1	0.00	6.86	0.00	0	0	0	100	0.00	0.0	7.305	0.003	0	0	0	0
PD.9401-B	PL.62969	A	Open	7.09Y	118.1	0.00	6.86	0.00	0	0	0	100	0.00	0.0	7.305	0.003	0	0	0	0
PL.46525	PL.56264	A	#2 ACSR	7.12Y	118.7	0.00	6.26	1.19	1	8	2	97	0.00	0.0	6.491	0.075	8	2	1	1
PL.46728	PL.56264	A	6 A (CWC)	7.12Y	118.7	0.01	6.26	3.17	2	22	6	96	0.00	0.0	6.476	0.060	11	3	3	5
PL.63599	PL.46728	A	#1/0 ACSR	7.12Y	118.7	0.00	6.26	1.60	1	11	3	96	0.00	0.0	6.527	0.051	0	0	0	2
PL.64769	PL.63599	A	#1/0 ACSR	7.12Y	118.7	0.00	6.26	1.60	1	11	3	96	0.00	0.0	6.578	0.051	11	3	2	2
PL.46507	PL.46340	A	#2 ACSR	7.19Y	119.8	0.00	5.20	0.84	0	6	2	95	0.00	0.0	5.529	0.001	0	0	0	1
PD.7254	PL.46507	A	10T	7.19Y	119.8	0.00	5.20	0.84	0	6	2	95	0.00	0.0	5.529	0.001	0	0	0	1
PL.46508	PD.7254	A	#2 ACSR	7.19Y	119.8	0.00	5.20	0.84	0	6	2	95	0.00	0.0	5.629	0.100	6	2	1	1
PL.52781	PL.52779	A	#1/0 ACSR	7.20Y	120.0	0.00	5.01	0.18	0	1	0	100	0.00	0.0	5.356	0.004	0	0	0	2
PD.7262	PL.52781	A	75QA	7.20Y	120.0	0.00	5.01	0.18	0	1	0	100	0.00	0.0	5.356	0.004	0	0	0	2
PL.56464	PD.7262	A	#1/0 ACSR	7.20Y	120.0	0.00	5.01	0.18	0	1	0	100	0.00	0.0	5.428	0.072	1	0	2	2
PL.60252	PL.60250	B	#1/0 ACSR	7.22Y	120.3	0.00	4.65	1.25	1	9	2	98	0.00	0.0	5.070	0.003	0	0	0	1
PD.8952	PL.60252	B	15T	7.22Y	120.3	0.00	4.65	1.25	0	9	2	98	0.00	0.0	5.070	0.003	0	0	0	1
PL.60253	PD.8952	B	#1/0 ACSR	7.22Y	120.3	0.00	4.66	1.25	1	9	2	98	0.00	0.0	5.142	0.072	9	2	1	1
PL.56458	PL.56457	B	6 A (CWC)	7.23Y	120.5	0.00	4.54	0.00	0	0	0	100	0.00	0.0	5.055	0.081	0	0	0	0
PL.46815	PL.46814	A	6 A (CWC)	7.24Y	120.7	0.00	4.33	7.59	5	53	14	97	0.00	0.0	4.807	0.004	0	0	0	12
PD.6994	PL.46815	A	50T	7.24Y	120.7	0.00	4.33	7.59	0	53	14	97	0.00	0.0	4.807	0.004	0	0	0	12
PL.46816	PD.6994	A	6 A (CWC)	7.24Y	120.6	0.04	4.37	7.59	5	53	14	97	0.02	0.0	4.915	0.108	0	0	0	12
PL.46817	PL.46816	A	6 A (CWC)	7.24Y	120.6	0.01	4.38	6.41	5	45	12	97	0.00	0.0	4.954	0.039	0	0	0	11
PL.46227	PL.46817	A	#4 ACSR	7.24Y	120.6	0.00	4.38	1.97	2	14	4	96	0.00	0.0	5.065	0.111	14	4	2	2
PL.46818	PL.46817	A	6 A (CWC)	7.24Y	120.6	0.02	4.39	4.44	3	31	8	97	0.00	0.0	5.032	0.078	0	0	0	9
PL.46552	PL.46818	A	6 A (CWC)	7.24Y	120.6	0.01	4.40	3.94	3	28	7	97	0.00	0.0	5.071	0.039	0	0	3	8
PL.46553	PL.46552	A	6 A (CWC)	7.24Y	120.6	0.00	4.40	3.94	3	28	7	97	0.00	0.0	5.085	0.014	0	0	0	5
PL.45967	PL.46553	A	6 A (CWC)	7.24Y	120.6	0.01	4.41	3.94	3	28	7	97	0.00	0.0	5.134	0.049	10	3	1	5
PL.46554	PL.45967	A	6 A (CWC)	7.24Y	120.6	0.01	4.41	2.55	2	18	5	96	0.00	0.0	5.192	0.058	6	1	1	4
PL.46555	PL.46554	A	6 A (CWC)	7.23Y	120.6	0.00	4.42	1.74	1	12	3	97	0.00	0.0	5.260	0.068	6	2	2	3
PL.60598	PL.46555	A	6 A (CWC)	7.23Y	120.6	0.00	4.42	0.88	1	6	2	95	0.00	0.0	5.320	0.060	0	0	0	1
PL.60599	PL.60598	A	6 A (CWC)	7.23Y	120.6	0.00	4.42	0.88	1	6	2	95	0.00	0.0	5.429	0.109	6	2	1	1

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.46524	PL.46818	A	#4 ACSR	7.24Y	120.6	0.00	4.39	0.49	0	3	1	95	0.00	0.0	5.063	0.031	3	1	1	1
PL.56265	PL.46816	A	#4 ACSR	7.24Y	120.6	0.00	4.37	1.18	1	8	2	97	0.00	0.0	4.952	0.037	8	2	1	1
PL.46635	PL.45212	A	6 A (CWC)	7.28Y	121.3	0.00	3.72	11.30	8	80	21	97	0.00	0.0	4.338	0.001	0	0	0	13
PD.7278	PL.46635	A	75QA	7.28Y	121.3	0.00	3.72	11.30	15	80	21	97	0.00	0.0	4.338	0.001	0	0	0	13
PL.56250	PD.7278	A	6 A (CWC)	7.28Y	121.3	0.03	3.74	11.30	8	80	21	97	0.02	0.0	4.391	0.053	1	0	1	13
PL.56251	PL.56250	A	6 A (CWC)	7.27Y	121.2	0.01	3.75	11.22	8	79	21	97	0.01	0.0	4.413	0.022	8	2	2	12
PL.60572	PL.56251	A	6 A (CWC)	7.27Y	121.2	0.00	3.75	10.11	7	71	19	97	0.00	0.0	4.416	0.003	0	0	0	10
PD.9042	PL.60572	A	30T	7.27Y	121.2	0.00	3.75	10.11	0	71	19	97	0.00	0.0	4.416	0.003	0	0	0	10
PL.63581	PD.9042	A	6 A (CWC)	7.27Y	121.2	0.01	3.77	10.11	7	71	19	97	0.01	0.0	4.444	0.028	0	0	0	10
PL.63582	PL.63581	A	#1/0 ACSR	7.27Y	121.2	0.00	3.77	0.92	0	6	2	95	0.00	0.0	4.475	0.032	6	2	1	1
PL.63580	PL.63581	A	6 A (CWC)	7.27Y	121.2	0.03	3.80	9.19	7	65	17	97	0.02	0.0	4.527	0.083	0	0	0	9
PL.46810	PL.63580	A	6 A (CWC)	7.27Y	121.2	0.02	3.82	7.72	6	54	14	97	0.01	0.0	4.581	0.054	19	5	2	7
PL.45134	PL.46810	A	#2 ACSR	7.27Y	121.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	4.690	0.110	0	0	1	1
PL.46811	PL.46810	A	6 A (CWC)	7.27Y	121.2	0.01	3.82	5.07	4	36	9	97	0.00	0.0	4.626	0.045	36	9	4	4
PL.46672	PL.63580	A	#4 ACSR	7.27Y	121.2	0.00	3.80	1.47	1	10	3	96	0.00	0.0	4.580	0.053	6	1	1	2
PL.46673	PL.46672	A	#4 ACSR	7.27Y	121.2	0.00	3.81	0.68	1	5	1	98	0.00	0.0	4.635	0.055	5	1	1	1
PL.47017	PL.45969	A	#4 ACSR	7.35Y	122.5	0.00	2.53	1.69	1	12	3	97	0.00	0.0	3.686	0.000	0	0	0	5
PD.7238	PL.47017	A	75QA	7.35Y	122.5	0.00	2.53	1.69	2	12	3	97	0.00	0.0	3.686	0.000	0	0	0	5
PL.46630	PD.7238	A	#4 ACSR	7.35Y	122.5	0.00	2.54	1.69	1	12	3	97	0.00	0.0	3.787	0.101	11	3	4	5
PL.46631	PL.46630	A	#4 ACSR	7.35Y	122.5	0.00	2.54	0.14	0	1	0	100	0.00	0.0	3.856	0.069	1	0	1	1
PL.46632	PL.46631	A	#4 ACSR	7.35Y	122.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	4.034	0.177	0	0	0	0
PL.56271	PL.56270	C	6 A (CWC)	7.38Y	123.0	0.00	2.04	5.20	4	37	10	97	0.00	0.0	3.458	0.004	0	0	0	4
PD.8233	PL.56271	C	75QA	7.38Y	123.0	0.00	2.04	5.20	7	37	10	97	0.00	0.0	3.458	0.004	0	0	0	4
PL.56268	PD.8233	C	6 A (CWC)	7.38Y	122.9	0.02	2.06	5.20	4	37	10	97	0.01	0.0	3.569	0.110	13	3	1	4
PL.56267	PL.56268	C	6 A (CWC)	7.38Y	122.9	0.00	2.06	1.10	1	8	2	97	0.00	0.0	3.595	0.026	8	2	1	1
PL.56266	PL.56268	C	#4 ACSR	7.38Y	122.9	0.00	2.06	2.24	2	16	4	97	0.00	0.0	3.589	0.020	0	0	0	2
PL.65305	PL.56266	C	#4 ACSR	7.38Y	122.9	0.00	2.07	2.24	2	16	4	97	0.00	0.0	3.664	0.075	16	4	2	2
PL.56272	PL.56270	B	#1/0 ACSR	7.38Y	123.0	0.00	2.04	0.88	0	6	2	95	0.00	0.0	3.458	0.003	0	0	0	1
PD.8234	PL.56272	B	10QA	7.38Y	123.0	0.00	2.04	0.88	0	6	2	95	0.00	0.0	3.458	0.003	0	0	0	1
PL.56273	PD.8234	B	#1/0 ACSR	7.38Y	123.0	0.00	2.04	0.88	0	6	2	95	0.00	0.0	3.476	0.018	6	2	1	1
PL.56358	PL.45939	C	#4 ACSR	7.39Y	123.2	0.00	1.83	2.87	2	21	5	97	0.00	0.0	3.364	0.004	0	0	0	3

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	Element KW	KVAR	Cons On	Cons Thru
PD.8310	PL.56358	C	25T	7.39Y	123.2	0.00	1.83	2.87	0	21	5	97	0.00	0.0	3.364	0.004	0	0	0	3
PL.56359	PD.8310	C	#4 ACSR	7.39Y	123.2	0.00	1.84	2.87	2	21	5	97	0.00	0.0	3.415	0.051	14	4	2	3
PL.56360	PL.56359	C	#4 ACSR	7.39Y	123.2	0.00	1.84	0.89	1	6	2	95	0.00	0.0	3.451	0.036	6	2	1	1
PL.56361	PL.56364	A	6 A (CWC)	7.39Y	123.2	0.00	1.75	1.92	1	14	4	96	0.00	0.0	3.327	0.004	0	0	0	2
PD.8311	PL.56361	A	75QA	7.39Y	123.2	0.00	1.75	1.92	3	14	4	96	0.00	0.0	3.327	0.004	0	0	0	2
PL.56362	PD.8311	A	6 A (CWC)	7.39Y	123.2	0.01	1.76	1.92	1	14	4	96	0.00	0.0	3.479	0.152	0	0	0	2
PL.56363	PL.56362	A	6 A (CWC)	7.39Y	123.2	0.00	1.77	1.92	1	14	4	96	0.00	0.0	3.515	0.036	11	3	1	2
PL.46633	PL.56363	A	#4/0 ACSR	7.39Y	123.2	0.00	1.77	0.36	0	3	1	95	0.00	0.0	3.625	0.111	3	1	1	1
PL.46854	PL.56581	B	6 A (CWC)	7.42Y	123.7	0.04	1.34	32.75	23	235	61	97	0.07	0.0	3.131	0.025	0	0	0	37
PL.46789	PL.46854	B	6 A (CWC)	7.42Y	123.7	0.00	1.34	32.75	23	235	61	97	0.00	0.0	3.131	0.000	0	0	0	37
C PD.7298	PL.46789	B	35L	7.42Y	123.7	0.00	1.34	32.75	94	235	61	97	0.00	0.0	3.131	0.000	0	0	0	37 C
PL.60284	PD.7298	B	6 A (CWC)	7.42Y	123.7	0.00	1.35	32.75	23	235	61	97	0.01	0.0	3.134	0.003	0	0	0	37
PD.8879-A	PL.60284	B	Closed	7.42Y	123.7	0.00	1.35	32.75	0	235	61	97	0.00	0.0	3.134	0.003	0	0	0	37
PD.8879-B	PD.8879-A	B	Closed	7.42Y	123.7	0.00	1.35	32.75	0	235	61	97	0.00	0.0	3.134	0.003	0	0	0	37
PL.60285	PD.8879-B	B	6 A (CWC)	7.42Y	123.6	0.04	1.39	32.75	23	235	61	97	0.06	0.0	3.161	0.027	26	7	4	37
PL.46214	PL.60285	B	6 A (CWC)	7.41Y	123.5	0.16	1.54	29.16	21	209	55	97	0.24	0.1	3.278	0.117	0	0	0	33
PL.46384	PL.46214	B	6 A (CWC)	7.40Y	123.3	0.13	1.68	27.70	20	199	52	97	0.20	0.1	3.384	0.105	0	0	0	32
PL.53292	PL.46384	B	6 A (CWC)	7.40Y	123.3	0.00	1.68	1.18	1	8	2	97	0.00	0.0	3.471	0.087	8	2	1	1
PL.53294	PL.46384	B	6 A (CWC)	7.39Y	123.2	0.09	1.76	26.51	19	190	49	97	0.12	0.1	3.457	0.074	2	0	1	31
PL.60288	PL.53294	B	6 A (CWC)	7.39Y	123.2	0.00	1.76	0.65	0	5	1	98	0.00	0.0	3.461	0.003	0	0	0	1
PD.8881	PL.60288	B	25T	7.39Y	123.2	0.00	1.76	0.65	0	5	1	98	0.00	0.0	3.461	0.003	0	0	0	1
PL.60289	PD.8881	B	6 A (CWC)	7.39Y	123.2	0.00	1.77	0.65	0	5	1	98	0.00	0.0	3.513	0.052	0	0	0	1
PL.53293	PL.60289	B	6 A (CWC)	7.39Y	123.2	0.00	1.77	0.65	0	5	1	98	0.00	0.0	3.546	0.033	5	1	1	1
PL.60290	PL.53294	B	#4 ACSR	7.39Y	123.2	0.00	1.76	1.11	1	8	2	97	0.00	0.0	3.461	0.003	0	0	0	1
PD.8882	PL.60290	B	25T	7.39Y	123.2	0.00	1.76	1.11	0	8	2	97	0.00	0.0	3.461	0.003	0	0	0	1
PL.60291	PD.8882	B	#4 ACSR	7.39Y	123.2	0.00	1.77	1.11	1	8	2	97	0.00	0.0	3.496	0.035	0	0	0	1
PL.46792	PL.60291	B	#4 ACSR	7.39Y	123.2	0.00	1.77	1.11	1	8	2	97	0.00	0.0	3.562	0.066	0	0	0	1
PL.53291	PL.46792	B	#4 ACSR	7.39Y	123.2	0.00	1.77	1.11	1	8	2	97	0.00	0.0	3.623	0.061	8	2	1	1
PL.53295	PL.53294	B	6 A (CWC)	7.39Y	123.2	0.07	1.83	24.53	18	176	46	97	0.09	0.1	3.527	0.070	29	8	3	28
PL.56143	PL.53295	B	6 A (CWC)	7.39Y	123.1	0.02	1.85	20.44	15	146	38	97	0.02	0.0	3.545	0.019	6	2	1	25
PL.56144	PL.56143	B	6 A (CWC)	7.38Y	123.1	0.07	1.92	18.45	13	132	34	97	0.07	0.0	3.627	0.082	6	2	1	22

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Balanced Voltage Drop Report  
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Title: 2010-2013 CWP - Jackson Energy Cooperative - McKee, Kentucky  
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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.56142	PL.56144	B	6 A (CWC)	7.38Y	123.1	0.02	1.94	13.99	10	100	26	97	0.02	0.0	3.664	0.037	8	2	1	17
PL.56139	PL.56142	B	6 A (CWC)	7.38Y	123.0	0.02	1.96	12.83	9	92	24	97	0.01	0.0	3.703	0.038	10	2	1	16
PL.56062	PL.56139	B	6 A (CWC)	7.38Y	123.0	0.03	1.99	11.48	8	82	21	97	0.02	0.0	3.754	0.051	0	0	1	15
PL.60294	PL.56062	B	6 A (CWC)	7.38Y	123.0	0.00	1.99	4.70	3	34	9	97	0.00	0.0	3.757	0.004	0	0	0	4
PD.8884	PL.60294	B	30T	7.38Y	123.0	0.00	1.99	4.70	0	34	9	97	0.00	0.0	3.757	0.004	0	0	0	4
PL.60295	PD.8884	B	6 A (CWC)	7.38Y	123.0	0.01	2.00	4.70	3	34	9	97	0.00	0.0	3.793	0.036	0	0	0	4
PL.56061	PL.60295	B	6 A (CWC)	7.38Y	123.0	0.03	2.03	4.70	3	34	9	97	0.01	0.0	3.919	0.126	0	0	0	4
PL.56580	PL.56061	B	6 A (CWC)	7.38Y	123.0	0.01	2.03	1.01	1	7	2	96	0.00	0.0	4.069	0.150	0	0	0	1
PL.59765	PL.56580	B	#1/0 ACSR	7.38Y	123.0	0.00	2.03	1.01	0	7	2	96	0.00	0.0	4.141	0.072	0	0	0	1
PL.59766	PL.59765	B	#1/0 ACSR	7.38Y	123.0	0.00	2.03	1.01	0	7	2	96	0.00	0.0	4.193	0.052	7	2	1	1
PL.46181	PL.56061	B	6 A (CWC)	7.38Y	123.0	0.01	2.04	3.69	3	26	7	97	0.00	0.0	4.015	0.096	8	2	1	3
PL.53289	PL.46181	B	6 A (CWC)	7.38Y	123.0	0.01	2.05	2.58	2	18	5	96	0.00	0.0	4.104	0.089	10	3	1	2
PL.53290	PL.53289	B	6 A (CWC)	7.38Y	123.0	0.00	2.05	1.21	1	9	2	98	0.00	0.0	4.193	0.089	9	2	1	1
PL.60296	PL.56062	B	6 A (CWC)	7.38Y	123.0	0.00	1.99	5.20	4	37	10	97	0.00	0.0	3.757	0.003	0	0	0	7
PD.8885-A	PL.60296	B	Closed	7.38Y	123.0	0.00	1.99	5.20	0	37	10	97	0.00	0.0	3.757	0.003	0	0	0	7
PD.8885-B	PD.8885-A	B	Closed	7.38Y	123.0	0.00	1.99	5.20	0	37	10	97	0.00	0.0	3.757	0.003	0	0	0	7
PL.60297	PD.8885-B	B	6 A (CWC)	7.38Y	123.0	0.00	1.99	5.20	4	37	10	97	0.00	0.0	3.771	0.014	15	4	2	7
PL.56104	PL.60297	B	6 A (CWC)	7.38Y	123.0	0.01	2.01	3.14	2	22	6	96	0.00	0.0	3.863	0.092	2	0	1	5
PL.56105	PL.56104	B	6 A (CWC)	7.38Y	123.0	0.02	2.03	2.88	2	21	5	97	0.00	0.0	4.027	0.163	0	0	0	4
PL.60301	PL.56105	B	6 A (CWC)	7.38Y	123.0	0.00	2.03	0.36	0	3	1	95	0.00	0.0	4.098	0.071	3	1	2	2
PL.60300	PL.60301	B	6 A (CWC)	7.38Y	123.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	4.280	0.183	0	0	0	0
PL.46549	PL.60300	B	#4 ACSR 6/	7.38Y	123.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	4.340	0.060	0	0	0	0
PL.60299	PL.46549	B	#4 ACSR	7.38Y	123.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	4.401	0.061	0	0	0	0
PD.8886-B	PL.60299	B	Open	7.38Y	123.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	4.401	0.061	0	0	0	0
PL.47078	PL.60300	B	6 A (CWC)	7.38Y	123.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	4.527	0.247	0	0	0	0
PL.47079	PL.47078	B	6 A (CWC)	7.38Y	123.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	4.618	0.091	0	0	0	0
PL.46543	PL.47079	B	6 A (CWC)	7.38Y	123.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	4.652	0.034	0	0	0	0
PL.46569	PL.47078	B	6 A (CWC)	7.38Y	123.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	4.728	0.201	0	0	0	0
PL.46855	PL.56105	B	6 A (CWC)	7.38Y	123.0	0.00	2.03	2.53	2	18	5	96	0.00	0.0	4.071	0.045	18	5	2	2
PL.60292	PL.56062	B	6 A (CWC)	7.38Y	123.0	0.00	1.99	1.58	1	11	3	96	0.00	0.0	3.757	0.004	0	0	0	3
PD.8883	PL.60292	B	30T	7.38Y	123.0	0.00	1.99	1.58	0	11	3	96	0.00	0.0	3.757	0.004	0	0	0	3

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.60293	PD.8883	B	6 A (CWC)	7.38Y	123.0	0.00	1.99	1.58	1	11	3	96	0.00	0.0	3.794	0.037	4	1	1	3
PL.56060	PL.60293	B	6 A (CWC)	7.38Y	123.0	0.00	1.99	0.39	0	3	1	95	0.00	0.0	3.831	0.037	3	1	1	1
PL.56106	PL.60293	B	6 A (CWC)	7.38Y	123.0	0.00	1.99	0.64	0	5	1	98	0.00	0.0	3.850	0.056	5	1	1	1
PL.60258	PL.56144	B	6 A (CWC)	7.38Y	123.1	0.00	1.92	2.38	2	17	4	97	0.00	0.0	3.673	0.045	17	4	3	3
PL.56141	PL.56144	B	#1/0 ACSR	7.38Y	123.1	0.00	1.92	1.17	1	8	2	97	0.00	0.0	3.670	0.043	0	0	0	1
PL.56140	PL.56141	B	1/0 AL URD	7.38Y	123.1	0.00	1.92	1.17	1	8	2	97	0.00	0.0	3.688	0.018	8	2	1	1
PL.60286	PL.56143	B	6 A (CWC)	7.39Y	123.1	0.00	1.85	1.14	1	8	2	97	0.00	0.0	3.549	0.003	0	0	0	2
PD.8880	PL.60286	B	30T	7.39Y	123.1	0.00	1.85	1.14	0	8	2	97	0.00	0.0	3.549	0.003	0	0	0	2
PL.60287	PD.8880	B	6 A (CWC)	7.39Y	123.1	0.00	1.85	1.14	1	8	2	97	0.00	0.0	3.587	0.039	7	2	1	2
PL.46706	PL.60287	B	6 A (CWC)	7.39Y	123.1	0.00	1.85	0.22	0	2	0	100	0.00	0.0	3.633	0.045	0	0	0	1
PL.46449	PL.46706	B	#2 ACSR	7.39Y	123.1	0.00	1.85	0.22	0	2	0	100	0.00	0.0	3.710	0.077	2	0	1	1
PL.46753	PL.46706	B	6 A (CWC)	7.39Y	123.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0	3.793	0.160	0	0	0	0
PL.53287	PL.46214	B	6 A (CWC)	7.41Y	123.5	0.00	1.54	1.46	1	10	3	96	0.00	0.0	3.329	0.051	10	3	1	1
P PL.63604	PL.60574	ABC	#4 ACSR	7.42Y	123.7	-0.00	1.26	-0.02	0	0	0	100	0.00	0.0	3.101	0.045	0	0	0	0 P
P PL.63605	PL.63604	ABC	#4 ACSR	7.42Y	123.7	0.00	1.26	-0.02	0	0	0	100	0.00	0.0	3.103	0.002	0	0	0	0 P
P PL.46212	PL.63605	ABC	#4 ACSR	7.42Y	123.7	0.00	1.26	-0.02	0	0	0	100	0.00	0.0	3.105	0.002	0	0	0	0 P
P PL.46213	PL.46212	ABC	1/0 AL URD	7.42Y	123.7	0.00	1.26	-0.02	0	0	0	100	0.00	0.0	3.137	0.032	0	0	0	0 P
PL.46356	PL.53280	A	#4 ACSR	7.44Y	124.0	0.00	1.02	0.84	1	6	2	95	0.00	0.0	2.848	0.001	0	0	0	1
PD.7168	PL.46356	A	75QA	7.44Y	124.0	0.00	1.02	0.84	1	6	2	95	0.00	0.0	2.848	0.001	0	0	0	1
PL.53282	PD.7168	A	#4 ACSR	7.44Y	124.0	0.00	1.02	0.84	1	6	2	95	0.00	0.0	2.916	0.068	6	2	1	1
CP.90	PL.52778	ABC	Cap (300)	7.44Y	124.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	2.767	0.068	0	0	0	0
PL.52110	PL.52109	A	#4 ACSR	7.45Y	124.1	0.00	0.89	2.52	2	18	5	96	0.00	0.0	2.749	0.000	0	0	0	3
PD.7252	PL.52110	A	75QA	7.45Y	124.1	0.00	0.89	2.52	3	18	5	96	0.00	0.0	2.749	0.000	0	0	0	3
PL.45238	PD.7252	A	#4 ACSR	7.45Y	124.1	0.00	0.90	2.52	2	18	5	96	0.00	0.0	2.768	0.019	0	0	0	3
PL.45239	PL.45238	A	#4 ACSR	7.45Y	124.1	0.00	0.90	1.78	1	13	3	97	0.00	0.0	2.831	0.062	13	3	2	2
PL.53279	PL.45238	A	#4 ACSR	7.45Y	124.1	0.00	0.90	0.74	1	5	1	98	0.00	0.0	2.823	0.055	5	1	1	1
PL.52105	PL.52108	C	#4 ACSR	7.45Y	124.2	0.00	0.81	4.38	3	32	8	97	0.00	0.0	2.682	0.000	0	0	0	4
PD.7001	PL.52105	C	75QA	7.45Y	124.2	0.00	0.81	4.38	6	32	8	97	0.00	0.0	2.682	0.000	0	0	0	4
PL.46726	PD.7001	C	#4 ACSR	7.45Y	124.2	0.01	0.82	4.38	3	32	8	97	0.00	0.0	2.758	0.076	0	0	0	4
PL.46311	PL.46726	C	#4 ACSR	7.45Y	124.2	0.00	0.83	4.38	3	32	8	97	0.00	0.0	2.785	0.027	12	3	2	4
PL.56153	PL.46311	C	#4 ACSR	7.45Y	124.2	0.01	0.84	2.74	2	20	5	97	0.00	0.0	2.853	0.068	5	1	1	2

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.56154	PL.56153	C	#1/0 ACSR	7.45Y	124.2	0.00	0.84	2.10	1	15	4	97	0.00	0.0	2.874	0.021	15	4	1	1
PL.46239	PL.46726	C	#4 ACSR	7.45Y	124.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	2.788	0.031	0	0	0	0
PL.46240	PL.46239	C	#4 ACSR	7.45Y	124.2	0.00	0.82	0.00	0	0	0	100	0.00	0.0	2.821	0.033	0	0	0	0
PL.52106	PL.52244	B	#4 ACSR	7.46Y	124.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	2.625	0.000	0	0	0	0
PL.52102	PL.56568	B	6 A (CWC)	7.18Y	119.7	0.00	5.35	64.21	46	446	118	97	0.00	0.0	2.586	0.000	0	0	0	67
C PD.7282	PL.52102	B	75QA	7.18Y	119.7	0.00	5.35	64.21	86	446	118	97	0.00	0.0	2.586	0.000	0	0	0	67 C
PL.56107	PD.7282	B	6 A (CWC)	7.17Y	119.5	0.18	5.53	64.21	46	446	118	97	0.61	0.1	2.649	0.063	22	6	4	67
PL.56108	PL.56107	B	6 A (CWC)	7.16Y	119.3	0.16	5.69	61.11	44	424	112	97	0.52	0.1	2.707	0.058	10	3	2	63
PL.56079	PL.56108	B	6 A (CWC)	7.15Y	119.2	0.14	5.83	59.64	43	413	109	97	0.46	0.1	2.761	0.054	10	3	1	61
PL.56080	PL.56079	B	6 A (CWC)	7.13Y	118.9	0.26	6.09	58.21	42	403	106	97	0.79	0.2	2.859	0.098	9	2	1	60
PL.46026	PL.56080	B	6 A (CWC)	7.13Y	118.8	0.12	6.21	55.56	40	383	101	97	0.36	0.1	2.909	0.050	14	4	2	57
PL.60426	PL.46026	B	#4 ACSR	7.13Y	118.8	0.00	6.22	2.91	2	20	5	97	0.00	0.0	2.912	0.004	0	0	0	4
PD.8983	PL.60426	B	25T	7.13Y	118.8	0.00	6.22	2.91	0	20	5	97	0.00	0.0	2.912	0.004	0	0	0	4
PL.60427	PD.8983	B	#4 ACSR	7.13Y	118.8	0.00	6.22	2.91	2	20	5	97	0.00	0.0	2.944	0.032	9	2	2	4
PL.46027	PL.60427	B	#4 ACSR	7.13Y	118.8	0.00	6.22	1.58	1	11	3	96	0.00	0.0	2.972	0.027	11	3	2	2
PL.46182	PL.46026	B	6 A (CWC)	7.12Y	118.6	0.17	6.39	47.86	34	330	87	97	0.44	0.1	2.988	0.079	0	0	0	48
PL.55645	PL.46182	B	6 A (CWC)	7.11Y	118.5	0.08	6.46	47.86	34	329	86	97	0.20	0.1	3.024	0.036	10	3	2	48
PL.55646	PL.55645	B	6 A (CWC)	7.10Y	118.4	0.14	6.60	46.45	33	320	84	97	0.34	0.1	3.090	0.067	7	2	1	46
PL.55647	PL.55646	B	6 A (CWC)	7.09Y	118.2	0.18	6.78	45.45	32	312	82	97	0.43	0.1	3.179	0.088	9	2	1	45
PL.53275	PL.55647	B	6 A (CWC)	7.08Y	118.1	0.14	6.92	34.28	24	235	61	97	0.25	0.1	3.270	0.091	14	4	2	32
PL.53276	PL.53275	B	6 A (CWC)	7.08Y	118.0	0.03	6.95	32.19	23	221	58	97	0.05	0.0	3.291	0.021	0	0	0	30
PL.60430	PL.53276	B	6 A (CWC)	7.08Y	118.0	0.00	6.95	0.86	1	6	2	95	0.00	0.0	3.295	0.004	0	0	0	1
PD.8985	PL.60430	B	15T	7.08Y	118.0	0.00	6.95	0.86	0	6	2	95	0.00	0.0	3.295	0.004	0	0	0	1
PL.60431	PD.8985	B	6 A (CWC)	7.08Y	118.0	0.00	6.95	0.86	1	6	2	95	0.00	0.0	3.328	0.034	6	2	1	1
PL.60432	PL.53276	B	#4 ACSR	7.08Y	118.0	0.00	6.96	23.29	18	160	42	97	0.00	0.0	3.294	0.003	0	0	0	19
PD.8986	PL.60432	B	15T	7.08Y	118.0	0.00	6.96	23.29	0	160	42	97	0.00	0.0	3.294	0.003	0	0	0	19
L PL.60433	PD.8986	B	#4 ACSR	7.08Y	118.0	0.06	7.02	23.29	18	160	42	97	0.08	0.0	3.358	0.063	11	3	1	19 L
L PL.62281	PL.60433	B	#1/0 ACSR	7.08Y	117.9	0.03	7.05	21.75	9	149	39	97	0.03	0.0	3.426	0.068	10	3	1	18 L
L PL.62788	PL.62281	B	#1/0 ACSR	7.08Y	117.9	0.03	7.08	20.24	9	139	36	97	0.02	0.0	3.486	0.060	18	5	2	17 L
L PL.57726	PL.62788	B	#4 ACSR	7.07Y	117.9	0.04	7.12	17.68	14	121	32	97	0.04	0.0	3.540	0.054	7	2	1	15 L
L PL.57725	PL.57726	B	#4 ACSR	7.07Y	117.8	0.04	7.16	16.66	13	114	30	97	0.03	0.0	3.588	0.048	0	0	0	14 L

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
L PL.56544	PL.57725	B	#1/0 ACSR	7.07Y	117.8	0.00	7.16	2.03	1	14	4	96	0.00	0.0	3.618	0.030	14	4	1	1 L
L PL.60468	PL.57725	B	#4 ACSR	7.07Y	117.8	0.00	7.16	1.34	1	9	2	98	0.00	0.0	3.588	0.000	0	0	0	1 L
L PD.8999	PL.60468	B	20T	7.07Y	117.8	0.00	7.16	1.34	0	9	2	98	0.00	0.0	3.588	0.000	0	0	0	1 L
L PL.60469	PD.8999	B	#4 ACSR	7.07Y	117.8	0.00	7.16	1.34	1	9	2	98	0.00	0.0	3.588	0.000	0	0	0	1 L
L PL.60466	PL.60469	B	#4 ACSR	7.07Y	117.8	0.00	7.16	1.34	1	9	2	98	0.00	0.0	3.669	0.081	9	2	1	1 L
L PL.60467	PL.60469	B	#2 ACSR	7.07Y	117.8	0.00	7.16	0.00	0	0	0	100	0.00	0.0	3.731	0.143	0	0	0	0 L
L PL.60578	PL.57725	B	#4 ACSR	7.07Y	117.8	0.02	7.18	13.29	10	91	24	97	0.01	0.0	3.619	0.031	5	1	1	12 L
L PL.60579	PL.60578	B	6 A (CWC)	7.07Y	117.8	0.00	7.18	11.70	8	80	21	97	0.00	0.0	3.622	0.003	0	0	0	10 L
L PD.8998	PL.60579	B	50T	7.07Y	117.8	0.00	7.18	11.70	0	80	21	97	0.00	0.0	3.622	0.003	0	0	0	10 L
L PL.60465	PD.8998	B	6 A (CWC)	7.07Y	117.8	0.03	7.21	11.70	8	80	21	97	0.02	0.0	3.685	0.063	19	5	2	10 L
L PL.56075	PL.60465	B	6 A (CWC)	7.06Y	117.7	0.05	7.26	8.99	6	61	16	97	0.02	0.0	3.812	0.127	5	1	1	8 L
L PL.53296	PL.56075	B	6 A (CWC)	7.06Y	117.7	0.02	7.28	4.38	3	30	8	97	0.00	0.0	3.945	0.133	7	2	2	4 L
L PL.60472	PL.53296	B	#2 ACSR	7.06Y	117.7	0.00	7.28	2.23	1	15	4	97	0.00	0.0	3.949	0.003	0	0	0	1 L
L PD.9001	PL.60472	B	20T	7.06Y	117.7	0.00	7.28	2.23	0	15	4	97	0.00	0.0	3.949	0.003	0	0	0	1 L
L PL.60473	PD.9001	B	#2 ACSR	7.06Y	117.7	0.01	7.29	2.23	1	15	4	97	0.00	0.0	4.102	0.153	15	4	1	1 L
L PL.46782	PL.53296	B	6 A (CWC)	7.06Y	117.7	0.00	7.28	1.06	1	7	2	96	0.00	0.0	4.135	0.190	7	2	1	1 L
L PL.60470	PL.56075	B	#4 ACSR	7.06Y	117.7	0.00	7.26	3.89	3	27	7	97	0.00	0.0	3.816	0.003	0	0	0	3 L
L PD.9000	PL.60470	B	20T	7.06Y	117.7	0.00	7.26	3.89	0	27	7	97	0.00	0.0	3.816	0.003	0	0	0	3 L
L PL.60471	PD.9000	B	#4 ACSR	7.06Y	117.7	0.01	7.27	3.89	3	27	7	97	0.00	0.0	3.879	0.064	14	4	2	3 L
L PL.63631	PL.60471	B	#1/0 ACSR	7.06Y	117.7	0.00	7.27	1.82	1	12	3	97	0.00	0.0	3.918	0.039	0	0	0	1 L
L PL.63632	PL.63631	B	#1/0 ACSR	7.06Y	117.7	0.00	7.27	1.82	1	12	3	97	0.00	0.0	3.989	0.071	12	3	1	1 L
L PL.60577	PL.60578	B	6 A (CWC)	7.07Y	117.8	0.00	7.18	0.83	1	6	1	99	0.00	0.0	3.712	0.093	6	1	1	1 L
PL.46622	PL.53276	B	6 A (CWC)	7.08Y	118.0	0.01	6.96	8.05	6	55	14	97	0.00	0.0	3.330	0.039	24	6	3	10
PL.60434	PL.46622	B	6 A (CWC)	7.08Y	118.0	0.00	6.96	4.53	3	31	8	97	0.00	0.0	3.333	0.003	0	0	0	7
PD.8987-A	PL.60434	B	Closed	7.08Y	118.0	0.00	6.96	4.53	0	31	8	97	0.00	0.0	3.333	0.003	0	0	0	7
PD.8987-B	PD.8987-A	B	Closed	7.08Y	118.0	0.00	6.96	4.53	0	31	8	97	0.00	0.0	3.333	0.003	0	0	0	7
PL.60435	PD.8987-B	B	6 A (CWC)	7.08Y	118.0	0.01	6.97	4.53	3	31	8	97	0.00	0.0	3.383	0.050	6	1	1	7
PL.56189	PL.60435	B	6 A (CWC)	7.08Y	118.0	0.00	6.98	3.70	3	25	7	96	0.00	0.0	3.409	0.026	25	7	5	6
PL.56190	PL.56189	B	6 A (CWC)	7.08Y	118.0	0.00	6.98	0.00	0	0	0	100	0.00	0.0	3.478	0.069	0	0	1	1
PL.60428	PL.55647	B	6 A (CWC)	7.09Y	118.2	0.00	6.79	9.82	7	67	18	97	0.00	0.0	3.182	0.003	0	0	0	12
PD.8984	PL.60428	B	40T	7.09Y	118.2	0.00	6.79	9.82	0	67	18	97	0.00	0.0	3.182	0.003	0	0	0	12

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Balanced Voltage Drop Report  
Source: Campground

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

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
-----																				
PL.60429	PD.8984	B	6 A (CWC)	7.09Y	118.2	0.01	6.80	9.82	7	67	18	97	0.01	0.0	3.214	0.032	2	0	1	12
PL.56540	PL.60429	B	6 A (CWC)	7.09Y	118.2	0.02	6.82	9.54	7	65	17	97	0.01	0.0	3.255	0.040	8	2	2	11
PL.56541	PL.56540	B	6 A (CWC)	7.09Y	118.2	0.01	6.82	3.94	3	27	7	97	0.00	0.0	3.326	0.072	27	7	3	3
PL.56542	PL.56540	B	6 A (CWC)	7.09Y	118.2	0.01	6.82	4.38	3	30	8	97	0.00	0.0	3.285	0.030	10	3	1	6
PL.56211	PL.56542	B	6 A (CWC)	7.09Y	118.2	0.00	6.82	2.86	2	20	5	97	0.00	0.0	3.311	0.026	5	1	3	5
PL.56210	PL.56211	B	6 A (CWC)	7.09Y	118.2	0.00	6.83	2.07	1	14	4	96	0.00	0.0	3.353	0.042	14	4	2	2
PL.56543	PL.56540	B	#1/0 ACSR	7.09Y	118.2	0.00	6.82	0.00	0	0	0	100	0.00	0.0	3.297	0.043	0	0	0	0
PL.60424	PL.46026	B	6 A (CWC)	7.13Y	118.8	0.00	6.22	2.72	2	19	5	97	0.00	0.0	2.912	0.003	0	0	0	3
PD.8982	PL.60424	B	25T	7.13Y	118.8	0.00	6.22	2.72	0	19	5	97	0.00	0.0	2.912	0.003	0	0	0	3
PL.60425	PD.8982	B	6 A (CWC)	7.13Y	118.8	0.01	6.22	2.72	2	19	5	97	0.00	0.0	2.982	0.070	10	3	2	3
PL.56134	PL.60425	B	6 A (CWC)	7.13Y	118.8	0.00	6.22	1.23	1	9	2	98	0.00	0.0	3.006	0.023	9	2	1	1
PL.53277	PL.56080	B	6 A (CWC)	7.13Y	118.9	0.00	6.09	1.29	1	9	2	98	0.00	0.0	2.920	0.061	5	1	1	2
PL.53278	PL.53277	B	#2 ACSR	7.13Y	118.9	0.00	6.09	0.59	0	4	1	97	0.00	0.0	2.972	0.052	4	1	1	1
PL.60589	PL.56567	B	#1/0 ACSR	7.18Y	119.7	0.00	5.29	1.44	1	10	3	96	0.00	0.0	2.547	0.003	0	0	0	1
PD.9046	PL.60589	B	20T	7.18Y	119.7	0.00	5.29	1.44	0	10	3	96	0.00	0.0	2.547	0.003	0	0	0	1
PL.60590	PD.9046	B	#1/0 ACSR	7.18Y	119.7	0.00	5.29	1.44	1	10	3	96	0.00	0.0	2.584	0.037	10	3	1	1
PL.72972	PL.60590	B	#1/0 ACSR	7.18Y	119.7	0.00	5.29	0.00	0	0	0	100	0.00	0.0	2.681	0.097	0	0	0	0
PL.46309	PL.46479	C	#4 ACSR	7.19Y	119.9	0.00	5.08	1.13	1	8	2	97	0.00	0.0	2.411	0.000	0	0	0	1
PD.7234	PL.46309	C	75QA	7.19Y	119.9	0.00	5.08	1.13	2	8	2	97	0.00	0.0	2.411	0.000	0	0	0	1
PL.46310	PD.7234	C	#4 ACSR	7.19Y	119.9	0.00	5.09	1.13	1	8	2	97	0.00	0.0	2.435	0.023	8	2	1	1
PL.46822	PL.46479	C	#2 ACSR	7.19Y	119.9	0.00	5.09	1.85	1	13	3	97	0.00	0.0	2.482	0.071	13	3	1	1
PL.46073	PL.46479	ABC	#2 ACSR	7.19Y	119.9	0.06	5.15	50.08	29	1045	278	97	0.51	0.0	2.461	0.050	11	3	1	166
PL.47099	PL.46073	ABC	#2 ACSR	7.19Y	119.8	0.07	5.22	49.54	28	1033	274	97	0.59	0.1	2.519	0.059	0	0	0	165
PL.47100	PL.47099	ABC	#2 ACSR	7.19Y	119.8	0.00	5.22	49.54	28	1032	274	97	0.00	0.0	2.520	0.000	0	0	0	165
PD.7301	PL.47100	ABC	100L	7.19Y	119.8	0.00	5.22	49.54	50	1032	274	97	0.00	0.0	2.520	0.000	0	0	0	165
PL.60272	PD.7301	ABC	#2 ACSR	7.18Y	119.7	0.09	5.32	49.54	28	1032	274	97	0.76	0.1	2.596	0.076	0	0	0	165
PL.59759	PL.60272	ABC	#4 ACSR	7.17Y	119.4	0.24	5.55	49.19	31	1024	272	97	1.94	0.2	2.761	0.166	8	2	1	164
PL.62318	PL.59759	ABC	#4 ACSR	7.16Y	119.4	0.05	5.60	48.80	31	1014	269	97	0.40	0.0	2.795	0.034	0	0	0	163
PL.62319	PL.62318	C	#4 ACSR	7.17Y	119.4	0.00	5.56	13.90	11	96	25	97	0.00	0.0	2.796	0.001	0	0	0	29
PD.9319	PL.62319	C	25T	7.17Y	119.4	0.00	5.56	13.90	0	96	25	97	0.00	0.0	2.796	0.001	0	0	0	29
PL.61829	PD.9319	C	#4 ACSR	7.17Y	119.4	0.00	5.56	13.90	11	96	25	97	0.00	0.0	2.797	0.001	7	2	1	29

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.61830	PL.61829	C	#4 ACSR	7.16Y	119.4	0.05	5.61	12.83	10	89	23	97	0.03	0.0	2.879	0.082	0	0	0	28
PL.58540	PL.61830	C	#2 ACSR	7.16Y	119.4	0.00	5.61	0.95	1	7	2	96	0.00	0.0	2.913	0.034	7	2	1	1
PL.58539	PL.61830	C	#4 ACSR	7.16Y	119.4	0.01	5.62	11.88	9	82	21	97	0.01	0.0	2.902	0.023	12	3	3	27
PL.60456	PL.58539	C	#4 ACSR	7.16Y	119.3	0.06	5.68	10.09	8	70	18	97	0.03	0.0	3.041	0.139	0	0	0	24
PD.8994	PL.60456	C	25T	7.16Y	119.3	0.00	5.68	10.09	0	70	18	97	0.00	0.0	3.041	0.139	0	0	0	24
PL.60457	PD.8994	C	#4 ACSR	7.16Y	119.3	0.00	5.68	10.09	8	70	18	97	0.00	0.0	3.045	0.004	0	0	0	24
PL.60454	PL.60457	C	#4 ACSR	7.16Y	119.3	0.00	5.69	2.20	2	15	4	97	0.00	0.0	3.048	0.004	0	0	0	2
PD.8993	PL.60454	C	25T	7.16Y	119.3	0.00	5.69	2.20	0	15	4	97	0.00	0.0	3.048	0.004	0	0	0	2
PL.60455	PD.8993	C	#4 ACSR	7.16Y	119.3	0.00	5.69	2.20	2	15	4	97	0.00	0.0	3.102	0.054	15	4	2	2
PL.47008	PL.60457	C	#4 ACSR	7.16Y	119.3	0.04	5.72	7.89	6	55	14	97	0.02	0.0	3.154	0.109	5	1	3	22
PL.53309	PL.47008	C	#4 ACSR	7.15Y	119.2	0.04	5.76	7.21	6	50	13	97	0.01	0.0	3.281	0.127	11	3	7	19
PL.53310	PL.53309	C	#4 ACSR	7.15Y	119.2	0.01	5.76	5.65	4	39	10	97	0.00	0.0	3.310	0.030	19	5	2	12
PL.53307	PL.53310	C	#4 ACSR	7.15Y	119.2	0.00	5.77	2.96	2	21	5	97	0.00	0.0	3.336	0.026	13	4	7	10
PL.53308	PL.53307	C	#4 ACSR	7.15Y	119.2	0.00	5.77	1.02	1	7	2	96	0.00	0.0	3.353	0.017	7	2	3	3
PL.62316	PL.62318	ABC	#4 ACSR	7.14Y	118.9	0.45	6.05	43.84	28	911	242	97	3.27	0.4	3.144	0.348	0	0	0	133
PL.60461	PL.62316	A	#4 ACSR	7.12Y	118.7	0.00	6.27	0.90	1	6	2	95	0.00	0.0	3.147	0.003	0	0	0	1
PD.8997	PL.60461	A	50T	7.12Y	118.7	0.00	6.27	0.90	0	6	2	95	0.00	0.0	3.147	0.003	0	0	0	1
PL.60462	PD.8997	A	#4 ACSR	7.12Y	118.7	0.00	6.27	0.90	1	6	2	95	0.00	0.0	3.267	0.120	6	2	1	1
PL.60463	PL.62316	C	6 A (CWC)	7.14Y	119.1	0.00	5.95	1.22	1	8	2	97	0.00	0.0	3.147	0.003	0	0	0	1
PD.8995	PL.60463	C	40T	7.14Y	119.1	0.00	5.95	1.22	0	8	2	97	0.00	0.0	3.147	0.003	0	0	0	1
PL.60464	PD.8995	C	6 A (CWC)	7.14Y	119.0	0.00	5.95	1.22	1	8	2	97	0.00	0.0	3.270	0.123	8	2	1	1
PL.56573	PL.60464	C	6 A (CWC)	7.14Y	119.0	0.00	5.95	0.00	0	0	0	100	0.00	0.0	3.347	0.077	0	0	0	0
PL.56574	PL.56573	C	#1/0 ACSR	7.14Y	119.0	0.00	5.95	0.00	0	0	0	100	0.00	0.0	3.489	0.142	0	0	0	0
PL.56572	PL.56573	C	6 A (CWC)	7.14Y	119.0	0.00	5.95	0.00	0	0	0	100	0.00	0.0	3.666	0.319	0	0	0	0
PL.46343	PL.62316	ABC	#2 ACSR	7.13Y	118.8	0.10	6.15	43.02	25	890	236	97	0.71	0.1	3.237	0.093	1	0	1	129
PL.60419	PL.46343	ABC	#4 ACSR	7.12Y	118.7	0.11	6.27	42.96	27	889	235	97	0.80	0.1	3.326	0.089	0	0	0	128
PD.8979-A	PL.60419	ABC	Closed	7.12Y	118.7	0.00	6.27	42.96	0	888	235	97	0.00	0.0	3.326	0.089	0	0	0	128
PD.8979-B	PD.8979-A	ABC	Closed	7.12Y	118.7	0.00	6.27	42.96	0	888	235	97	0.00	0.0	3.326	0.089	0	0	0	128
PL.60420	PD.8979-B	ABC	#4 ACSR	7.12Y	118.6	0.09	6.36	42.96	27	888	235	97	0.65	0.1	3.399	0.073	6	2	1	128
PL.57675	PL.60420	ABC	#4 ACSR	7.12Y	118.6	0.05	6.41	42.68	27	881	233	97	0.36	0.0	3.440	0.041	7	2	2	127
PL.57676	PL.57675	ABC	#4 ACSR	7.11Y	118.5	0.08	6.49	42.33	27	874	231	97	0.59	0.1	3.509	0.069	11	3	2	125

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.56217	PL.57676	ABC	#4 ACSR	7.10Y	118.4	0.11	6.60	40.92	26	844	223	97	0.73	0.1	3.597	0.089	0	0	0	121
PL.46238	PL.56217	ABC	#4 ACSR	7.09Y	118.1	0.28	6.88	40.35	26	831	220	97	1.90	0.2	3.836	0.239	0	0	0	120
PL.46514	PL.46238	C	6 A (CWC)	7.10Y	118.3	0.00	6.67	0.30	0	2	1	89	0.00	0.0	3.837	0.001	0	0	0	1
PD.7012	PL.46514	C	50QA	7.10Y	118.3	0.00	6.67	0.30	1	2	1	89	0.00	0.0	3.837	0.001	0	0	0	1
PL.46515	PD.7012	C	6 A (CWC)	7.10Y	118.3	0.00	6.67	0.30	0	2	1	89	0.00	0.0	3.889	0.053	2	1	1	1
PL.56131	PL.46238	ABC	#4 ACSR	7.08Y	118.0	0.07	6.96	40.25	26	827	218	97	0.49	0.1	3.898	0.062	7	2	1	119
L PL.56133	PL.56131	ABC	#1/0 ACSR	7.07Y	117.9	0.13	7.09	25.70	11	528	140	97	0.49	0.1	4.185	0.287	15	4	2	72 L
L PL.56071	PL.56133	ABC	#1/0 ACSR	7.07Y	117.9	0.02	7.11	24.97	11	512	136	97	0.08	0.0	4.237	0.052	7	2	1	70 L
L PL.46840	PL.56071	ABC	#1/0 ACSR	7.07Y	117.9	0.01	7.12	24.64	11	505	134	97	0.02	0.0	4.251	0.014	0	0	0	69 L
L PL.46841	PL.46840	ABC	#1/0 ACSR	7.07Y	117.8	0.05	7.17	23.50	10	482	128	97	0.17	0.0	4.369	0.118	12	3	1	64 L
L PL.56155	PL.46841	ABC	#1/0 ACSR	7.07Y	117.8	0.02	7.19	22.92	10	470	125	97	0.08	0.0	4.429	0.060	15	4	2	63 L
L PL.56156	PL.56155	ABC	#1/0 ACSR	7.07Y	117.8	0.03	7.22	22.21	10	455	121	97	0.10	0.0	4.501	0.073	0	0	0	61 L
L PL.56127	PL.56156	ABC	#1/0 ACSR	7.07Y	117.8	0.01	7.23	20.81	9	426	113	97	0.04	0.0	4.538	0.036	0	0	0	57 L
L PL.61084	PL.56127	ABC	#1/0 ACSR	7.06Y	117.7	0.06	7.30	19.76	9	405	108	97	0.18	0.0	4.713	0.175	0	0	0	55 L
L PL.61082	PL.61084	ABC	#1/0 ACSR	7.06Y	117.7	0.01	7.31	19.28	8	395	105	97	0.03	0.0	4.746	0.032	0	0	0	54 L
L PL.61086	PL.61082	A	#1/0 ACSR	7.03Y	117.2	0.00	7.75	57.83	25	393	105	97	0.01	0.0	4.749	0.003	0	0	0	54 L
C PD.9077	PL.61086	A	70L	7.03Y	117.2	0.00	7.75	57.83	83	393	105	97	0.00	0.0	4.749	0.003	0	0	0	54 C
L PL.61087	PD.9077	A	#1/0 ACSR	7.02Y	117.1	0.17	7.93	57.83	25	393	105	97	0.47	0.1	4.881	0.132	2	1	1	54 L
L PL.61085	PL.61087	A	#1/0 ACSR	7.02Y	116.9	0.15	8.08	57.48	25	390	103	97	0.41	0.1	4.997	0.116	9	2	2	53 L
L PL.56286	PL.61085	A	#1/0 ACSR	7.01Y	116.8	0.09	8.17	56.15	24	381	101	97	0.24	0.1	5.067	0.071	10	3	1	51 L
L PL.56546	PL.56286	A	#1/0 ACSR	7.00Y	116.7	0.10	8.27	54.64	24	370	98	97	0.26	0.1	5.150	0.083	12	3	1	50 L
L PL.56545	PL.56546	A	#1/0 ACSR	7.00Y	116.7	0.04	8.31	52.93	23	358	94	97	0.09	0.0	5.183	0.032	11	3	3	49 L
L PL.45958	PL.56545	A	#1/0 ACSR	7.00Y	116.6	0.06	8.38	51.35	22	348	91	97	0.15	0.0	5.237	0.055	10	3	1	46 L
L PL.56561	PL.45958	A	#1/0 ACSR	7.00Y	116.6	0.03	8.41	49.84	22	337	89	97	0.07	0.0	5.264	0.027	0	0	0	45 L
L PL.56562	PL.56561	A	#1/0 ACSR	7.00Y	116.6	0.00	8.41	3.05	1	21	5	97	0.00	0.0	5.304	0.039	21	5	3	3 L
L PL.56564	PL.56561	A	#1/0 ACSR	6.99Y	116.6	0.02	8.43	46.79	20	317	83	97	0.05	0.0	5.288	0.024	11	3	1	42 L
L PL.56563	PL.56564	A	#1/0 ACSR	6.99Y	116.5	0.04	8.47	45.15	20	305	80	97	0.09	0.0	5.329	0.041	10	3	1	41 L
L PL.56560	PL.56563	A	#1/0 ACSR	6.99Y	116.4	0.08	8.55	43.64	19	295	77	97	0.16	0.1	5.407	0.078	0	0	0	40 L
L PL.60440	PL.56560	A	#1/0 ACSR	6.99Y	116.4	0.00	8.55	39.50	17	267	70	97	0.01	0.0	5.410	0.004	0	0	0	35 L
L PD.8989	PL.60440	A	30T	6.99Y	116.4	0.00	8.55	39.50	0	267	70	97	0.00	0.0	5.410	0.004	0	0	0	35 L
L PL.60441	PD.8989	A	#1/0 ACSR	6.98Y	116.4	0.06	8.61	39.50	17	267	70	97	0.10	0.0	5.472	0.062	0	0	0	35 L

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
L PL.46654	PL.60441	A	#1/0 ACSR	6.98Y	116.3	0.05	8.66	39.50	17	267	70	97	0.09	0.0	5.528	0.056	10	2	1	35 L
L PL.55916	PL.46654	A	#1/0 ACSR	6.97Y	116.2	0.13	8.79	38.09	17	257	67	97	0.23	0.1	5.686	0.158	20	5	1	34 L
L PL.56558	PL.55916	A	#4 ACSR	6.97Y	116.1	0.07	8.87	35.15	27	237	62	97	0.14	0.1	5.734	0.048	0	0	0	33 L
L PL.56559	PL.56558	A	#4 ACSR	6.96Y	116.1	0.06	8.93	35.15	27	237	62	97	0.11	0.0	5.773	0.039	23	6	3	33 L
L PL.56125	PL.56559	A	#4 ACSR	6.96Y	116.1	0.00	8.93	0.00	0	0	0	100	0.00	0.0	5.794	0.022	0	0	0	0 L
L PL.62910	PL.56559	A	#2 ACSR	6.96Y	116.0	0.05	8.98	22.02	13	148	39	97	0.06	0.0	5.850	0.077	11	3	1	23 L
L PL.62912	PL.62910	A	#2 ACSR	6.96Y	116.0	0.00	8.98	15.57	9	105	27	97	0.00	0.0	5.853	0.004	0	0	0	18 L
L PD.8991	PL.62912	A	20T	6.96Y	116.0	0.00	8.98	15.57	0	105	27	97	0.00	0.0	5.853	0.004	0	0	0	18 L
L PL.62913	PD.8991	A	#2 ACSR	6.96Y	116.0	0.05	9.03	15.57	9	105	27	97	0.04	0.0	5.958	0.105	10	3	1	18 L
L PL.62914	PL.62913	A	#4 ACSR	6.96Y	116.0	0.02	9.05	14.03	11	94	25	97	0.02	0.0	5.994	0.036	14	4	3	17 L
L PL.59493	PL.62914	A	#4 ACSR	6.96Y	116.0	0.00	9.05	1.10	1	7	2	96	0.00	0.0	6.043	0.049	7	2	1	1 L
L PL.56102	PL.62914	A	#4 ACSR	6.95Y	115.9	0.05	9.09	10.83	8	73	19	97	0.03	0.0	6.088	0.094	0	0	0	13 L
L PL.56109	PL.56102	A	#1/0 ACSR	6.95Y	115.9	0.00	9.09	1.43	1	10	3	96	0.00	0.0	6.114	0.026	10	3	1	1 L
L PL.56193	PL.56102	A	#4 ACSR	6.95Y	115.9	0.02	9.11	9.40	7	63	16	97	0.01	0.0	6.156	0.068	42	11	9	12 L
L PL.56192	PL.56193	A	#2 ACSR	6.95Y	115.9	0.00	9.12	3.15	2	21	6	96	0.00	0.0	6.208	0.052	13	3	2	3 L
L PL.56575	PL.56192	A	#1/0 ACSR	6.95Y	115.9	0.00	9.12	1.20	1	8	2	97	0.00	0.0	6.317	0.109	8	2	1	1 L
L PL.62911	PL.62910	A	#1/0 ACSR	6.96Y	116.0	0.00	8.98	4.75	2	32	8	97	0.00	0.0	5.875	0.026	0	0	0	4 L
L PL.56130	PL.62911	A	#1/0 ACSR	6.96Y	116.0	0.00	8.98	1.74	1	12	3	97	0.00	0.0	5.945	0.070	12	3	1	1 L
L PL.56176	PL.62911	A	#1/0 ACSR	6.96Y	116.0	0.00	8.98	3.01	1	20	5	97	0.00	0.0	5.920	0.045	20	5	3	3 L
L PL.56126	PL.56559	A	#4 ACSR	6.96Y	116.1	0.01	8.94	9.72	7	66	17	97	0.01	0.0	5.802	0.030	11	3	2	7 L
L PL.56576	PL.56126	A	#4 ACSR	6.96Y	116.0	0.03	8.97	8.06	6	54	14	97	0.01	0.0	5.907	0.105	14	4	1	5 L
L PL.60444	PL.56576	A	#4 ACSR	6.96Y	116.0	0.00	8.97	6.05	5	41	11	97	0.00	0.0	5.911	0.003	0	0	0	4 L
L PD.8992	PL.60444	A	15T	6.96Y	116.0	0.00	8.97	6.05	0	41	11	97	0.00	0.0	5.911	0.003	0	0	0	4 L
L PL.60445	PD.8992	A	#4 ACSR	6.96Y	116.0	0.00	8.97	6.05	5	41	11	97	0.00	0.0	5.923	0.013	24	6	2	4 L
L PL.60443	PL.60445	A	#1/0 ACSR	6.96Y	116.0	0.00	8.98	2.49	1	17	4	97	0.00	0.0	5.971	0.048	0	0	0	2 L
L PL.56092	PL.60443	A	#1/0 ACSR	6.96Y	116.0	0.00	8.98	1.02	0	7	2	96	0.00	0.0	6.015	0.043	7	2	1	1 L
L PL.56091	PL.60443	A	#1/0 ACSR	6.96Y	116.0	0.00	8.98	1.47	1	10	3	96	0.00	0.0	6.010	0.039	0	0	0	1 L
L PL.56093	PL.56091	A	#1/0 ACSR	6.96Y	116.0	0.00	8.98	1.47	1	10	3	96	0.00	0.0	6.077	0.066	0	0	0	1 L
L PL.56094	PL.56093	A	#1/0 ACSR	6.96Y	116.0	0.00	8.98	1.47	1	10	3	96	0.00	0.0	6.130	0.053	0	0	0	1 L
L PL.56095	PL.56094	A	#1/0 ACSR	6.96Y	116.0	0.00	8.98	1.47	1	10	3	96	0.00	0.0	6.189	0.059	0	0	0	1 L
L PL.56096	PL.56095	A	#1/0 ACSR	6.96Y	116.0	0.00	8.98	1.47	1	10	3	96	0.00	0.0	6.240	0.051	10	3	1	1 L

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
L PL.46236	PL.60441	A	#2 ACSR	6.98Y	116.4	0.00	8.61	0.00	0	0	0	100	0.00	0.0	5.493	0.020	0	0	0	0 L
L PL.63539	PL.56560	A	#1/0 ACSR	6.99Y	116.4	0.00	8.55	4.14	2	28	7	97	0.00	0.0	5.435	0.028	10	3	3	5 L
L PL.63540	PL.63539	A	#1/0 ACSR	6.99Y	116.4	0.00	8.55	2.62	1	18	5	96	0.00	0.0	5.438	0.003	0	0	0	2 L
L PD.8990	PL.63540	A	15T	6.99Y	116.4	0.00	8.55	2.62	0	18	5	96	0.00	0.0	5.438	0.003	0	0	0	2 L
L PL.60442	PD.8990	A	#1/0 ACSR	6.99Y	116.4	0.00	8.56	2.62	1	18	5	96	0.00	0.0	5.482	0.044	0	0	0	2 L
L PL.45959	PL.60442	A	#1/0 ACSR	6.99Y	116.4	0.00	8.56	1.16	1	8	2	97	0.00	0.0	5.517	0.035	8	2	1	1 L
L PL.46448	PL.60442	A	#2 ACSR	6.99Y	116.4	0.00	8.56	1.45	1	10	3	96	0.00	0.0	5.503	0.021	10	3	1	1 L
L PL.61083	PL.61084	C	#1/0 ACSR	7.08Y	117.9	0.00	7.07	1.47	1	10	3	96	0.00	0.0	4.718	0.005	0	0	0	1 L
L PD.8289	PL.61083	C	25QA	7.08Y	117.9	0.00	7.07	1.47	6	10	3	96	0.00	0.0	4.718	0.005	0	0	0	1 L
L PL.56103	PD.8289	C	#1/0 ACSR	7.08Y	117.9	0.00	7.07	1.47	1	10	3	96	0.00	0.0	4.756	0.037	10	3	1	1 L
L PL.56099	PL.56127	C	#1/0 ACSR	7.08Y	118.0	0.00	7.01	3.14	1	21	6	96	0.00	0.0	4.540	0.002	0	0	0	2 L
L PD.8287	PL.56099	C	40QA	7.08Y	118.0	0.00	7.01	3.14	8	21	6	96	0.00	0.0	4.540	0.002	0	0	0	2 L
L PL.56100	PD.8287	C	#1/0 ACSR	7.08Y	118.0	0.00	7.01	3.14	1	21	6	96	0.00	0.0	4.554	0.014	21	6	2	2 L
L PL.56184	PL.56156	A	#4 ACSR	7.04Y	117.3	0.00	7.66	4.20	3	29	7	97	0.00	0.0	4.504	0.003	0	0	0	4 L
L PD.8292	PL.56184	A	40QA	7.04Y	117.3	0.00	7.66	4.20	10	29	7	97	0.00	0.0	4.504	0.003	0	0	0	4 L
L PL.56553	PD.8292	A	#4 ACSR	7.04Y	117.3	0.00	7.67	4.20	3	29	7	97	0.00	0.0	4.529	0.025	9	2	2	4 L
L PL.56554	PL.56553	A	#4 ACSR	7.04Y	117.3	0.01	7.67	2.87	2	20	5	97	0.00	0.0	4.584	0.055	0	0	0	2 L
L PL.56556	PL.56554	A	#2 ACSR	7.04Y	117.3	0.00	7.68	1.48	1	10	3	96	0.00	0.0	4.657	0.073	0	0	0	1 L
L PL.56557	PL.56556	A	#1/0 ACSR	7.04Y	117.3	0.00	7.68	1.48	1	10	3	96	0.00	0.0	4.682	0.026	10	3	1	1 L
L PL.56555	PL.56554	A	#4 ACSR	7.04Y	117.3	0.00	7.68	1.39	1	9	2	98	0.00	0.0	4.622	0.038	9	2	1	1 L
PL.56128	PL.56156	C	#1/0 ACSR	7.08Y	118.0	0.00	7.00	0.00	0	0	0	100	0.00	0.0	4.504	0.003	0	0	0	0
PD.8288	PL.56128	C	25QA	7.08Y	118.0	0.00	7.00	0.00	0	0	0	100	0.00	0.0	4.504	0.003	0	0	0	0
PL.56101	PD.8288	C	#1/0 ACSR	7.08Y	118.0	0.00	7.00	0.00	0	0	0	100	0.00	0.0	4.542	0.037	0	0	0	0
PL.46842	PL.46840	C	6 A (CWC)	7.09Y	118.1	0.00	6.90	3.41	2	23	6	97	0.00	0.0	4.251	0.000	0	0	0	5
PD.7253	PL.46842	C	40QA	7.09Y	118.1	0.00	6.90	3.41	9	23	6	97	0.00	0.0	4.251	0.000	0	0	0	5
PL.53271	PD.7253	C	6 A (CWC)	7.09Y	118.1	0.00	6.90	3.41	2	23	6	97	0.00	0.0	4.288	0.037	17	4	4	5
PL.53272	PL.53271	C	6 A (CWC)	7.09Y	118.1	0.00	6.90	0.00	0	0	0	100	0.00	0.0	4.395	0.107	0	0	0	0
PL.60438	PL.53271	C	6 A (CWC)	7.09Y	118.1	0.00	6.90	0.94	1	6	2	95	0.00	0.0	4.291	0.003	0	0	0	1
PD.8988	PL.60438	C	20T	7.09Y	118.1	0.00	6.90	0.94	0	6	2	95	0.00	0.0	4.291	0.003	0	0	0	1
PL.60439	PD.8988	C	6 A (CWC)	7.09Y	118.1	0.00	6.90	0.94	1	6	2	95	0.00	0.0	4.397	0.106	6	2	1	1
L PL.56132	PL.56131	A	#2 ACSR	7.05Y	117.6	0.05	7.45	42.57	24	291	76	97	0.11	0.0	3.934	0.036	0	0	0	46 L

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
L PL.46322	PL.56132	A	#4 ACSR	7.05Y	117.6	0.00	7.45	0.15	0	1	0	100	0.00	0.0	3.938	0.003	0	0	0	1 L
L PD.7166	PL.46322	A	20T	7.05Y	117.6	0.00	7.45	0.15	0	1	0	100	0.00	0.0	3.938	0.003	0	0	0	1 L
L PL.56059	PD.7166	A	#4 ACSR	7.05Y	117.6	0.00	7.45	0.15	0	1	0	100	0.00	0.0	3.983	0.045	1	0	1	1 L
L PL.46321	PL.56132	A	6 A (CWC)	7.05Y	117.5	0.10	7.55	42.42	30	289	76	97	0.22	0.1	3.985	0.051	0	0	0	45 L
L PL.60421	PL.46321	A	#2 ACSR	7.05Y	117.4	0.00	7.55	17.98	10	123	32	97	0.00	0.0	3.989	0.003	0	0	0	21 L
L PD.8980	PL.60421	A	30T	7.05Y	117.4	0.00	7.55	17.98	0	123	32	97	0.00	0.0	3.989	0.003	0	0	0	21 L
L PL.60422	PD.8980	A	#2 ACSR	7.04Y	117.4	0.04	7.59	17.98	10	123	32	97	0.04	0.0	4.063	0.074	10	3	1	21 L
L PL.60423	PL.60422	A	#2 ACSR	7.04Y	117.4	0.00	7.59	0.78	0	5	1	98	0.00	0.0	4.066	0.004	0	0	0	1 L
L PD.8981	PL.60423	A	15T	7.04Y	117.4	0.00	7.59	0.78	0	5	1	98	0.00	0.0	4.066	0.004	0	0	0	1 L
L PL.63728	PD.8981	A	#2 ACSR	7.04Y	117.4	0.00	7.59	0.78	0	5	1	98	0.00	0.0	4.100	0.034	5	1	1	1 L
L PL.63729	PL.63728	A	#2 ACSR	7.04Y	117.4	0.00	7.59	0.00	0	0	0	100	0.00	0.0	4.100	0.000	0	0	0	0 L
L PL.56213	PL.60422	A	#1/0 ACSR	7.04Y	117.4	0.02	7.61	15.70	7	107	28	97	0.01	0.0	4.116	0.053	9	2	1	19 L
L PL.59703	PL.56213	A	#1/0 ACSR	7.04Y	117.4	0.01	7.62	14.45	6	99	26	97	0.01	0.0	4.157	0.041	0	0	0	18 L
L PL.59705	PL.59703	A	#1/0 ACSR	7.04Y	117.4	0.00	7.62	2.70	1	18	5	96	0.00	0.0	4.201	0.044	18	5	2	2 L
L PL.59704	PL.59703	A	#1/0 ACSR	7.04Y	117.4	0.01	7.63	11.75	5	80	21	97	0.00	0.0	4.189	0.032	14	4	3	16 L
L PL.59780	PL.59704	A	#1/0 ACSR	7.04Y	117.4	0.01	7.64	9.67	4	66	17	97	0.00	0.0	4.227	0.039	0	0	0	13 L
L PL.59781	PL.59780	A	#1/0 ACSR	7.04Y	117.4	0.00	7.64	3.32	1	23	6	97	0.00	0.0	4.259	0.031	8	2	1	3 L
L PL.56214	PL.59781	A	#1/0 ACSR	7.04Y	117.4	0.00	7.64	2.20	1	15	4	97	0.00	0.0	4.322	0.063	9	2	1	2 L
L PL.56215	PL.56214	A	#1/0 ACSR	7.04Y	117.4	0.00	7.64	0.82	0	6	1	99	0.00	0.0	4.332	0.010	6	1	1	1 L
L PL.63552	PL.59780	A	#1/0 ACSR	7.04Y	117.4	0.01	7.65	6.34	3	43	11	97	0.00	0.0	4.314	0.087	18	5	3	10 L
L PL.63010	PL.63552	A	#1/0 ACSR	7.04Y	117.3	0.00	7.65	2.85	1	19	5	97	0.00	0.0	4.379	0.065	10	3	2	4 L
L PL.63011	PL.63010	A	#1/0 ACSR	7.04Y	117.3	0.00	7.65	1.32	1	9	2	98	0.00	0.0	4.379	0.000	0	0	0	2 L
L PL.63727	PL.63011	A	1/0 AL URD	7.04Y	117.3	0.00	7.65	1.32	1	9	2	98	0.00	0.0	4.394	0.015	9	2	2	2 L
L PL.63626	PL.63552	A	1/0 AL URD	7.04Y	117.4	0.00	7.65	0.78	0	5	1	98	0.00	0.0	4.325	0.010	5	1	3	3 L
L PL.46205	PL.46321	A	6 A (CWC)	7.04Y	117.4	0.06	7.61	24.44	17	167	44	97	0.08	0.0	4.037	0.052	0	0	0	24 L
L PL.46323	PL.46205	A	6 A (CWC)	7.04Y	117.3	0.11	7.71	24.44	17	167	43	97	0.14	0.1	4.134	0.097	4	1	1	24 L
L PL.56001	PL.46323	A	6 A (CWC)	7.03Y	117.2	0.07	7.79	23.81	17	162	42	97	0.09	0.1	4.205	0.071	8	2	1	23 L
L PL.56002	PL.56001	A	6 A (CWC)	7.03Y	117.2	0.05	7.84	21.94	16	149	39	97	0.06	0.0	4.259	0.054	9	2	1	21 L
L PL.46518	PL.56002	A	6 A (CWC)	7.03Y	117.1	0.05	7.89	19.15	14	130	34	97	0.05	0.0	4.319	0.060	0	0	0	19 L
L PL.56003	PL.46518	A	6 A (CWC)	7.02Y	117.0	0.06	7.96	17.87	13	121	32	97	0.06	0.0	4.397	0.078	0	0	0	18 L
L PL.56218	PL.56003	A	6 A (CWC)	7.02Y	117.0	0.04	8.00	14.03	10	95	25	97	0.03	0.0	4.466	0.069	0	0	0	15 L

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
L PL.60406	PL.56218	A	#1/0 ACSR	7.02Y	117.0	0.00	8.00	0.60	0	4	1	97	0.00	0.0	4.470	0.004	0	0	0	1 L
L PD.8972	PL.60406	A	15T	7.02Y	117.0	0.00	8.00	0.60	0	4	1	97	0.00	0.0	4.470	0.004	0	0	0	1 L
L PL.60407	PD.8972	A	#1/0 ACSR	7.02Y	117.0	0.00	8.00	0.60	0	4	1	97	0.00	0.0	4.530	0.060	4	1	1	1 L
L PL.56577	PL.56218	A	6 A (CWC)	7.02Y	117.0	0.02	8.02	13.43	10	91	24	97	0.01	0.0	4.503	0.037	14	4	3	14 L
L PL.60408	PL.56577	A	#1/0 ACSR	7.02Y	117.0	0.00	8.02	9.16	4	62	16	97	0.00	0.0	4.507	0.004	0	0	0	8 L
L PD.8973	PL.60408	A	30T	7.02Y	117.0	0.00	8.02	9.16	0	62	16	97	0.00	0.0	4.507	0.004	0	0	0	8 L
L PL.63541	PD.8973	A	#1/0 ACSR	7.02Y	116.9	0.03	8.05	9.16	4	62	16	97	0.01	0.0	4.659	0.152	2	1	1	8 L
L PL.64132	PL.63541	A	#1/0 ACSR	7.02Y	116.9	0.01	8.06	8.85	4	60	16	97	0.00	0.0	4.714	0.055	5	1	1	7 L
L PL.60411	PL.64132	A	6 A (CWC)	7.02Y	116.9	0.00	8.06	1.05	1	7	2	96	0.00	0.0	4.717	0.003	0	0	0	1 L
L PD.8975	PL.60411	A	15T	7.02Y	116.9	0.00	8.06	1.05	0	7	2	96	0.00	0.0	4.717	0.003	0	0	0	1 L
L PL.60412	PD.8975	A	6 A (CWC)	7.02Y	116.9	0.00	8.06	1.05	1	7	2	96	0.00	0.0	4.743	0.026	7	2	1	1 L
L PL.56068	PL.64132	A	6 A (CWC)	7.02Y	116.9	0.01	8.07	7.05	5	48	12	97	0.00	0.0	4.742	0.028	1	0	1	5 L
L PL.55998	PL.56068	A	6 A (CWC)	7.01Y	116.9	0.02	8.09	6.87	5	47	12	97	0.01	0.0	4.798	0.056	0	0	0	4 L
L PL.55999	PL.55998	A	6 A (CWC)	7.01Y	116.9	0.02	8.11	5.60	4	38	10	97	0.01	0.0	4.869	0.071	0	0	0	3 L
L PL.56000	PL.55999	A	6 A (CWC)	7.01Y	116.9	0.01	8.11	3.94	3	27	7	97	0.00	0.0	4.912	0.042	14	4	1	2 L
L PL.60417	PL.56000	A	6 A (CWC)	7.01Y	116.9	0.00	8.11	1.84	1	12	3	97	0.00	0.0	4.915	0.003	0	0	0	1 L
L PD.8978	PL.60417	A	15T	7.01Y	116.9	0.00	8.11	1.84	0	12	3	97	0.00	0.0	4.915	0.003	0	0	0	1 L
L PL.60418	PD.8978	A	#4 ACSR	7.01Y	116.9	0.00	8.12	1.84	1	12	3	97	0.00	0.0	4.995	0.079	12	3	1	1 L
L PL.60415	PL.55999	A	#1/0 ACSR	7.01Y	116.9	0.00	8.11	1.66	1	11	3	96	0.00	0.0	4.873	0.003	0	0	0	1 L
L PD.8977	PL.60415	A	15T	7.01Y	116.9	0.00	8.11	1.66	0	11	3	96	0.00	0.0	4.873	0.003	0	0	0	1 L
L PL.60416	PD.8977	A	#1/0 ACSR	7.01Y	116.9	0.00	8.11	1.66	1	11	3	96	0.00	0.0	4.912	0.039	11	3	1	1 L
L PL.60413	PL.55998	A	#4 ACSR	7.01Y	116.9	0.00	8.09	1.27	1	9	2	98	0.00	0.0	4.802	0.003	0	0	0	1 L
L PD.8976	PL.60413	A	15T	7.01Y	116.9	0.00	8.09	1.27	0	9	2	98	0.00	0.0	4.802	0.003	0	0	0	1 L
L PL.60414	PD.8976	A	#4 ACSR	7.01Y	116.9	0.00	8.09	1.27	1	9	2	98	0.00	0.0	4.863	0.061	9	2	1	1 L
L PL.60409	PL.56577	A	#4 ACSR	7.02Y	117.0	0.00	8.02	2.27	2	15	4	97	0.00	0.0	4.507	0.003	0	0	0	3 L
L PD.8974	PL.60409	A	15T	7.02Y	117.0	0.00	8.02	2.27	0	15	4	97	0.00	0.0	4.507	0.003	0	0	0	3 L
L PL.60410	PD.8974	A	#4 ACSR	7.02Y	117.0	0.02	8.04	2.27	2	15	4	97	0.00	0.0	4.734	0.227	4	1	1	3 L
L PL.45943	PL.60410	A	#4 ACSR	7.02Y	117.0	0.00	8.04	1.61	1	11	3	96	0.00	0.0	4.791	0.057	1	0	1	2 L
L PL.45944	PL.45943	A	#4 ACSR	7.02Y	117.0	0.00	8.05	1.40	1	10	2	98	0.00	0.0	4.896	0.104	10	2	1	1 L
L PL.60404	PL.56003	A	#1/0 ACSR	7.02Y	117.0	0.00	7.96	1.05	0	7	2	96	0.00	0.0	4.415	0.018	0	0	0	1 L
L PD.8971	PL.60404	A	15T	7.02Y	117.0	0.00	7.96	1.05	0	7	2	96	0.00	0.0	4.415	0.018	0	0	0	1 L

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Balanced Voltage Drop Report  
Source: Campground

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

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
-----																				
L PL.60405	PD.8971	A	#1/0 ACSR	7.02Y	117.0	0.00	7.96	1.05	0	7	2	96	0.00	0.0	4.490	0.075	7	2	1	1 L
L PL.60402	PL.56003	A	#4 ACSR	7.02Y	117.0	0.00	7.96	2.79	2	19	5	97	0.00	0.0	4.401	0.004	0	0	0	2 L
L PD.8970	PL.60402	A	30T	7.02Y	117.0	0.00	7.96	2.79	0	19	5	97	0.00	0.0	4.401	0.004	0	0	0	2 L
L PL.60403	PD.8970	A	#4 ACSR	7.02Y	117.0	0.00	7.96	2.79	2	19	5	97	0.00	0.0	4.436	0.036	0	0	0	2 L
L PL.56069	PL.60403	A	#4 ACSR	7.02Y	117.0	0.01	7.97	2.79	2	19	5	97	0.00	0.0	4.480	0.044	0	0	0	2 L
L PL.56070	PL.56069	A	#1/0 ACSR	7.02Y	117.0	0.00	7.97	1.86	1	13	3	97	0.00	0.0	4.571	0.091	13	3	1	1 L
L PL.45211	PL.56069	A	#4 ACSR	7.02Y	117.0	0.01	7.97	0.93	1	6	2	95	0.00	0.0	4.626	0.146	0	0	0	1 L
L PL.55997	PL.45211	A	#4 ACSR	7.02Y	117.0	0.00	7.97	0.93	1	6	2	95	0.00	0.0	4.665	0.040	6	2	1	1 L
L PL.60400	PL.46518	A	#2 ACSR	7.03Y	117.1	0.00	7.89	0.00	0	0	0	100	0.00	0.0	4.322	0.003	0	0	0	0 L
L PD.8969	PL.60400	A	20T	7.03Y	117.1	0.00	7.89	0.00	0	0	0	100	0.00	0.0	4.322	0.003	0	0	0	0 L
L PL.60401	PD.8969	A	#2 ACSR	7.03Y	117.1	0.00	7.89	0.00	0	0	0	100	0.00	0.0	4.402	0.079	0	0	0	0 L
L PL.56004	PL.46518	A	#1/0 ACSR	7.03Y	117.1	0.00	7.89	1.28	1	9	2	98	0.00	0.0	4.351	0.032	9	2	1	1 L
L PL.57223	PL.56002	A	#2 ACSR	7.03Y	117.2	0.00	7.84	1.51	1	10	3	96	0.00	0.0	4.323	0.064	10	3	1	1 L
L PL.60398	PL.56001	A	#2 ACSR	7.03Y	117.2	0.00	7.79	0.70	0	5	1	98	0.00	0.0	4.208	0.003	0	0	0	1 L
L PD.8968	PL.60398	A	20T	7.03Y	117.2	0.00	7.79	0.70	0	5	1	98	0.00	0.0	4.208	0.003	0	0	0	1 L
L PL.60399	PD.8968	A	#2 ACSR	7.03Y	117.2	0.00	7.79	0.70	0	5	1	98	0.00	0.0	4.272	0.064	5	1	1	1 L
PL.46210	PL.56217	A	#4 ACSR	7.08Y	118.1	0.00	6.94	1.72	1	12	3	97	0.00	0.0	3.600	0.002	0	0	0	1
PD.7202	PL.46210	A	50QA	7.08Y	118.1	0.00	6.94	1.72	3	12	3	97	0.00	0.0	3.600	0.002	0	0	0	1
PL.46211	PD.7202	A	#4 ACSR	7.08Y	118.1	0.00	6.94	1.72	1	12	3	97	0.00	0.0	3.658	0.059	12	3	1	1
PL.57677	PL.57676	C	#1/0 ACSR	7.12Y	118.7	0.00	6.34	2.63	1	18	5	96	0.00	0.0	3.511	0.002	0	0	0	2
PD.8392	PL.57677	C	25T	7.12Y	118.7	0.00	6.34	2.63	0	18	5	96	0.00	0.0	3.511	0.002	0	0	0	2
PL.57678	PD.8392	C	#1/0 ACSR	7.12Y	118.7	0.00	6.34	2.63	1	18	5	96	0.00	0.0	3.550	0.039	4	1	1	2
PL.56380	PL.57678	C	#1/0 ACSR	7.12Y	118.7	0.00	6.34	2.00	1	14	4	96	0.00	0.0	3.567	0.017	14	4	1	1
PL.60459	PL.62316	C	#2 ACSR	7.14Y	119.1	0.00	5.95	0.34	0	2	1	89	0.00	0.0	3.147	0.003	0	0	0	2
PD.8996	PL.60459	C	50T	7.14Y	119.1	0.00	5.95	0.34	0	2	1	89	0.00	0.0	3.147	0.003	0	0	0	2
PL.60460	PD.8996	C	#2 ACSR	7.14Y	119.1	0.00	5.95	0.34	0	2	1	89	0.00	0.0	3.210	0.063	2	1	2	2
PL.60458	PL.60460	C	#2 ACSR	7.14Y	119.1	0.00	5.95	0.00	0	0	0	100	0.00	0.0	3.339	0.129	0	0	0	0
PL.62317	PL.62318	A	6 A (CWC)	7.16Y	119.3	0.00	5.69	0.97	1	7	2	96	0.00	0.0	2.797	0.002	0	0	0	1
PD.8609	PL.62317	A	50QA	7.16Y	119.3	0.00	5.69	0.97	2	7	2	96	0.00	0.0	2.797	0.002	0	0	0	1
PL.58541	PD.8609	A	6 A (CWC)	7.16Y	119.3	0.00	5.69	0.97	1	7	2	96	0.00	0.0	2.863	0.065	7	2	1	1
PL.59758	PL.60272	C	#1/0 ACSR	7.18Y	119.7	0.00	5.32	1.06	0	7	2	96	0.00	0.0	2.600	0.004	0	0	0	1

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Balanced Voltage Drop Report  
Source: Campground

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	Length (mi)	-----Element-----		Cons On	Cons Thru
PD.8298	PL.59758	C	30T	7.18Y	119.7	0.00	5.32	1.06	0	7	2	96	0.00	0.0	2.600	0.004	0	0	0	1
PL.56074	PD.8298	C	#1/0 ACSR	7.18Y	119.7	0.00	5.32	1.06	0	7	2	96	0.00	0.0	2.696	0.096	7	2	1	1
PL.56146	PL.56147	A	6 A (CWC)	7.23Y	120.5	0.00	4.48	0.29	0	2	1	89	0.00	0.0	2.100	0.003	0	0	0	1
PD.8232	PL.56146	A	75QA	7.23Y	120.5	0.00	4.48	0.29	0	2	1	89	0.00	0.0	2.100	0.003	0	0	0	1
PL.56148	PD.8232	A	6 A (CWC)	7.23Y	120.5	0.00	4.48	0.29	0	2	1	89	0.00	0.0	2.157	0.057	0	0	0	1
PL.56149	PL.56148	A	6 A (CWC)	7.23Y	120.5	0.00	4.49	0.29	0	2	1	89	0.00	0.0	2.205	0.048	2	1	1	1
PL.46314	PL.46327	A	6 A (CWC)	7.25Y	120.8	0.00	4.20	2.04	1	14	4	96	0.00	0.0	1.950	0.001	0	0	0	4
PD.7294	PL.46314	A	75QA	7.25Y	120.8	0.00	4.20	2.04	3	14	4	96	0.00	0.0	1.950	0.001	0	0	0	4
PL.46713	PD.7294	A	6 A (CWC)	7.25Y	120.8	0.00	4.20	2.04	1	14	4	96	0.00	0.0	1.973	0.022	0	0	0	4
PL.46847	PL.46713	A	6 A (CWC)	7.25Y	120.8	0.00	4.20	2.04	1	14	4	96	0.00	0.0	2.015	0.042	9	2	3	4
PL.46848	PL.46847	A	6 A (CWC)	7.25Y	120.8	0.00	4.20	0.72	1	5	1	98	0.00	0.0	2.039	0.024	0	0	0	1
PL.46603	PL.46848	A	6 A (CWC)	7.25Y	120.8	0.00	4.21	0.72	1	5	1	98	0.00	0.0	2.085	0.047	5	1	1	1
PL.56084	PL.47059	C	6 A (CWC)	7.27Y	121.1	0.00	3.88	2.42	2	17	4	97	0.00	0.0	1.791	0.003	0	0	0	2
PD.8301	PL.56084	C	75QA	7.27Y	121.1	0.00	3.88	2.42	3	17	4	97	0.00	0.0	1.791	0.003	0	0	0	2
PL.56085	PD.8301	C	6 A (CWC)	7.27Y	121.1	0.00	3.89	2.42	2	17	4	97	0.00	0.0	1.856	0.066	17	4	2	2
PL.56081	PL.47059	A	6 A (CWC)	7.27Y	121.1	0.00	3.89	28.19	20	198	52	97	0.01	0.0	1.790	0.003	0	0	0	33
PD.8300	PL.56081	A	30T	7.27Y	121.1	0.00	3.89	28.19	0	198	52	97	0.00	0.0	1.790	0.003	0	0	0	33
PL.56082	PD.8300	A	6 A (CWC)	7.26Y	121.1	0.04	3.93	28.19	20	198	52	97	0.06	0.0	1.823	0.033	9	2	1	33
PL.56083	PL.56082	A	6 A (CWC)	7.25Y	120.8	0.23	4.16	26.85	19	189	49	97	0.33	0.2	2.012	0.189	0	0	0	32
PL.46686	PL.56083	A	6 A (CWC)	7.25Y	120.8	0.01	4.16	3.83	3	27	7	97	0.00	0.0	2.042	0.030	0	0	0	5
PL.54441	PL.46686	A	6 A (CWC)	7.25Y	120.8	0.01	4.17	3.83	3	27	7	97	0.00	0.0	2.080	0.038	6	2	1	5
PL.54442	PL.54441	A	6 A (CWC)	7.25Y	120.8	0.00	4.17	2.96	2	21	5	97	0.00	0.0	2.096	0.016	7	2	2	4
PL.54443	PL.54442	A	6 A (CWC)	7.25Y	120.8	0.00	4.17	1.93	1	14	4	96	0.00	0.0	2.141	0.045	0	0	0	2
PL.46687	PL.54443	A	6 A (CWC)	7.25Y	120.8	0.00	4.18	1.93	1	14	4	96	0.00	0.0	2.223	0.082	14	4	2	2
PL.54878	PL.56083	A	6 A (CWC)	7.24Y	120.7	0.12	4.27	23.02	16	161	42	97	0.14	0.1	2.123	0.111	0	0	0	27
PL.54882	PL.54878	A	6 A (CWC)	7.24Y	120.7	0.01	4.29	5.18	4	36	9	97	0.00	0.0	2.173	0.050	5	1	1	6
PL.64073	PL.54882	A	6 A (CWC)	7.24Y	120.7	0.00	4.29	4.54	3	32	8	97	0.00	0.0	2.193	0.020	7	2	1	5
PL.64074	PL.64073	A	6 A (CWC)	7.24Y	120.7	0.00	4.29	3.59	3	25	7	96	0.00	0.0	2.193	0.000	7	2	1	4
PL.54881	PL.64074	A	6 A (CWC)	7.24Y	120.7	0.01	4.29	2.64	2	19	5	97	0.00	0.0	2.257	0.064	10	3	1	3
PL.46688	PL.54881	A	6 A (CWC)	7.24Y	120.7	0.00	4.30	1.17	1	8	2	97	0.00	0.0	2.273	0.016	0	0	1	2
PL.46689	PL.46688	A	6 A (CWC)	7.24Y	120.7	0.00	4.30	1.13	1	8	2	97	0.00	0.0	2.313	0.040	8	2	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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.54879	PL.54878	A	6 A (CWC)	7.24Y	120.7	0.00	4.28	3.30	2	23	6	97	0.00	0.0	2.156	0.033	7	2	1	3
PL.54860	PL.54879	A	6 A (CWC)	7.24Y	120.7	0.00	4.28	2.35	2	16	4	97	0.00	0.0	2.220	0.064	11	3	1	2
PL.54861	PL.54860	A	6 A (CWC)	7.24Y	120.7	0.00	4.28	0.74	1	5	1	98	0.00	0.0	2.267	0.047	5	1	1	1
PL.54880	PL.54878	A	6 A (CWC)	7.24Y	120.7	0.03	4.30	14.53	10	102	27	97	0.02	0.0	2.167	0.045	0	0	0	18
PL.54862	PL.54880	A	#1/0 ACSR	7.24Y	120.7	0.00	4.30	1.15	1	8	2	97	0.00	0.0	2.177	0.010	0	0	0	1
PL.54863	PL.54862	A	#1/0 ACSR	7.24Y	120.7	0.00	4.30	1.15	1	8	2	97	0.00	0.0	2.223	0.046	8	2	1	1
PL.54858	PL.54880	A	6 A (CWC)	7.24Y	120.6	0.06	4.37	13.37	10	94	24	97	0.04	0.0	2.287	0.119	24	6	4	17
PL.54859	PL.54858	A	6 A (CWC)	7.24Y	120.6	0.01	4.38	3.23	2	23	6	97	0.00	0.0	2.374	0.088	10	2	1	2
PL.46690	PL.54859	A	6 A (CWC)	7.24Y	120.6	0.01	4.38	1.86	1	13	3	97	0.00	0.0	2.457	0.083	0	0	0	1
PL.46691	PL.46690	A	6 A (CWC)	7.24Y	120.6	0.00	4.39	1.86	1	13	3	97	0.00	0.0	2.550	0.093	13	3	1	1
PL.54884	PL.54858	A	6 A (CWC)	7.24Y	120.6	0.03	4.40	6.73	5	47	12	97	0.01	0.0	2.409	0.123	22	6	2	11
PL.54883	PL.54884	A	#2 ACSR	7.24Y	120.6	0.00	4.40	2.22	1	16	4	97	0.00	0.0	2.434	0.024	0	0	1	7
PL.54886	PL.54883	A	#2 ACSR	7.24Y	120.6	0.00	4.40	2.22	1	16	4	97	0.00	0.0	2.462	0.029	12	3	2	6
PL.54887	PL.54886	A	#2 ACSR	7.24Y	120.6	0.00	4.40	0.48	0	3	1	95	0.00	0.0	2.532	0.070	0	0	0	4
PL.46712	PL.54887	A	#2 ACSR	7.24Y	120.6	0.00	4.40	0.48	0	3	1	95	0.00	0.0	2.572	0.040	3	1	4	4
PL.54885	PL.54884	A	#4 ACSR	7.24Y	120.6	0.00	4.40	1.31	1	9	2	98	0.00	0.0	2.477	0.068	9	2	2	2
PL.46206	PL.57722	C	6 A (CWC)	7.29Y	121.5	0.00	3.46	1.49	1	11	3	96	0.00	0.0	1.580	0.001	0	0	0	1
PD.7251	PL.46206	C	75QA	7.29Y	121.5	0.00	3.46	1.49	2	11	3	96	0.00	0.0	1.580	0.001	0	0	0	1
PL.46207	PD.7251	C	6 A (CWC)	7.29Y	121.5	0.00	3.46	1.49	1	11	3	96	0.00	0.0	1.623	0.044	11	3	1	1
PL.46188	PL.57722	B	6 A (CWC)	7.29Y	121.5	0.00	3.46	21.93	16	155	40	97	0.00	0.0	1.580	0.001	0	0	0	18
PD.7009	PL.46188	B	75QA	7.29Y	121.5	0.00	3.46	21.93	29	155	40	97	0.00	0.0	1.580	0.001	0	0	0	18
PL.46761	PD.7009	B	6 A (CWC)	7.29Y	121.5	0.03	3.49	21.93	16	155	40	97	0.03	0.0	1.609	0.030	0	0	0	18
PL.46710	PL.46761	B	6 A (CWC)	7.29Y	121.5	0.06	3.54	21.93	16	155	40	97	0.07	0.0	1.670	0.060	8	2	1	18
PL.46711	PL.46710	B	6 A (CWC)	7.29Y	121.4	0.02	3.56	20.76	15	146	38	97	0.02	0.0	1.687	0.018	0	0	0	17
PL.54430	PL.46711	B	6 A (CWC)	7.28Y	121.3	0.10	3.66	20.76	15	146	38	97	0.11	0.1	1.795	0.108	10	3	1	17
PL.54431	PL.54430	B	6 A (CWC)	7.28Y	121.3	0.05	3.71	19.36	14	136	35	97	0.05	0.0	1.847	0.053	0	0	0	16
PL.62161	PL.54431	B	6 A (CWC)	7.27Y	121.2	0.05	3.75	19.36	14	136	35	97	0.05	0.0	1.904	0.057	15	4	1	15
PL.62162	PL.62161	B	6 A (CWC)	7.27Y	121.2	0.01	3.77	7.18	5	51	13	97	0.00	0.0	1.946	0.042	14	4	1	5
PL.63006	PL.62162	B	#1/0 ACSR	7.27Y	121.2	0.01	3.77	5.19	2	37	9	97	0.00	0.0	1.991	0.045	0	0	0	4
PL.63007	PL.63006	B	#1/0 ACSR	7.27Y	121.2	0.00	3.77	5.19	2	37	9	97	0.00	0.0	1.991	0.000	7	2	1	4
PL.54895	PL.63007	B	#1/0 ACSR	7.27Y	121.2	0.01	3.78	2.20	1	15	4	97	0.00	0.0	2.131	0.140	0	0	1	2

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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	Length (mi)	-----Element-----		Cons On	Cons Thru
PL.54896	PL.54895	B	#1/0 ACSR	7.27Y	121.2	0.00	3.78	2.17	1	15	4	97	0.00	0.0	2.183	0.052	15	4	1	1
PL.54894	PL.63007	B	#1/0 ACSR	7.27Y	121.2	0.00	3.77	2.03	1	14	4	96	0.00	0.0	2.043	0.052	14	4	1	1
PL.62275	PL.62161	B	#4 ACSR	7.27Y	121.2	0.00	3.75	10.01	8	70	18	97	0.00	0.0	1.904	0.000	0	0	0	9
PD.9316	PL.62275	B	40T	7.27Y	121.2	0.00	3.75	10.01	0	70	18	97	0.00	0.0	1.904	0.000	0	0	0	9
PL.62276	PD.9316	B	#4 ACSR	7.27Y	121.2	0.00	3.75	10.01	8	70	18	97	0.00	0.0	1.904	0.000	0	0	0	9
PL.62165	PL.62276	B	#4 ACSR	7.27Y	121.2	0.01	3.76	9.58	7	67	18	97	0.01	0.0	1.933	0.028	16	4	2	8
PL.62163	PL.62165	B	#4 ACSR	7.27Y	121.2	0.01	3.77	7.35	6	52	13	97	0.00	0.0	1.964	0.031	11	3	1	6
PL.54848	PL.62163	B	#4 ACSR	7.27Y	121.2	0.01	3.78	5.82	4	41	11	97	0.00	0.0	2.011	0.047	6	2	1	5
PL.54847	PL.54848	B	#4 ACSR	7.27Y	121.2	0.01	3.79	5.00	4	35	9	97	0.00	0.0	2.070	0.059	21	5	3	4
PL.54846	PL.54847	B	#4 ACSR	7.27Y	121.2	0.00	3.79	2.04	2	14	4	96	0.00	0.0	2.089	0.019	14	4	1	1
PL.62164	PL.62276	B	#2 ACSR	7.27Y	121.2	0.00	3.75	0.43	0	3	1	95	0.00	0.0	1.957	0.053	3	1	1	1
PL.60396	PL.54431	B	#2 ACSR	7.28Y	121.3	0.00	3.71	0.00	0	0	0	100	0.00	0.0	1.851	0.003	0	0	0	1
PD.8967	PL.60396	B	40T	7.28Y	121.3	0.00	3.71	0.00	0	0	0	100	0.00	0.0	1.851	0.003	0	0	0	1
PL.60397	PD.8967	B	#2 ACSR	7.28Y	121.3	0.00	3.71	0.00	0	0	0	100	0.00	0.0	1.892	0.041	0	0	1	1
PL.46765	PL.46764	C	#2 ACSR	7.32Y	122.0	0.00	3.02	1.11	1	8	2	97	0.00	0.0	1.378	0.002	0	0	0	1
PD.7293	PL.46765	C	60QA	7.32Y	122.0	0.00	3.02	1.11	2	8	2	97	0.00	0.0	1.378	0.002	0	0	0	1
PL.46766	PD.7293	C	#2 ACSR	7.32Y	122.0	0.00	3.03	1.11	1	8	2	97	0.00	0.0	1.402	0.024	8	2	1	1
PL.45828	PL.46351	A	6 A (CWC)	7.35Y	122.5	0.00	2.47	11.56	8	82	21	97	0.00	0.0	1.120	0.003	0	0	0	12
PD.7239	PL.45828	A	75QA	7.35Y	122.5	0.00	2.47	11.56	15	82	21	97	0.00	0.0	1.120	0.003	0	0	0	12
PL.46760	PD.7239	A	6 A (CWC)	7.35Y	122.4	0.09	2.57	11.56	8	82	21	97	0.06	0.1	1.296	0.176	0	0	0	12
PL.60392	PL.46760	A	#4 ACSR	7.35Y	122.4	0.00	2.57	1.58	1	11	3	96	0.00	0.0	1.299	0.003	0	0	0	1
PD.8965	PL.60392	A	40T	7.35Y	122.4	0.00	2.57	1.58	0	11	3	96	0.00	0.0	1.299	0.003	0	0	0	1
PL.60393	PD.8965	A	#4 ACSR	7.35Y	122.4	0.00	2.57	1.58	1	11	3	96	0.00	0.0	1.349	0.050	11	3	1	1
PL.54697	PL.46760	A	6 A (CWC)	7.34Y	122.4	0.04	2.60	9.97	7	71	18	97	0.02	0.0	1.381	0.085	0	0	0	11
PL.54698	PL.54697	A	6 A (CWC)	7.34Y	122.4	0.04	2.64	9.97	7	71	18	97	0.02	0.0	1.462	0.081	0	0	0	11
PL.46762	PL.54698	A	6 A (CWC)	7.34Y	122.3	0.03	2.67	9.97	7	71	18	97	0.01	0.0	1.545	0.083	28	7	3	10
PL.60394	PL.46762	A	#2 ACSR	7.34Y	122.3	0.00	2.67	1.51	1	11	3	96	0.00	0.0	1.548	0.003	0	0	0	1
PD.8966	PL.60394	A	40T	7.34Y	122.3	0.00	2.67	1.51	0	11	3	96	0.00	0.0	1.548	0.003	0	0	0	1
PL.60395	PD.8966	A	#2 ACSR	7.34Y	122.3	0.00	2.67	1.51	1	11	3	96	0.00	0.0	1.577	0.030	0	0	0	1
PL.54835	PL.60395	A	#1/0 ACSR	7.34Y	122.3	0.00	2.67	1.51	1	11	3	96	0.00	0.0	1.657	0.080	11	3	1	1
PL.46763	PL.46762	A	6 A (CWC)	7.34Y	122.3	0.01	2.68	4.47	3	32	8	97	0.00	0.0	1.591	0.046	0	0	0	6

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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	Length (mi)	-----Element-----			
																KW	KVAR	Cons On	Cons Thru	
PL.45136	PL.46763	A	6 A (CWC)	7.34Y	122.3	0.00	2.68	0.44	0	3	1	95	0.00	0.0	1.611	0.020	3	1	1	1
PL.54866	PL.46763	A	6 A (CWC)	7.34Y	122.3	0.00	2.68	4.03	3	29	7	97	0.00	0.0	1.615	0.023	18	5	4	5
PL.54893	PL.54866	A	6 A (CWC)	7.34Y	122.3	0.00	2.69	1.46	1	10	3	96	0.00	0.0	1.680	0.065	10	3	1	1
PL.54696	PL.54698	A	#2 ACSR	7.34Y	122.4	0.00	2.64	0.00	0	0	0	100	0.00	0.0	1.474	0.012	0	0	1	1
PL.44727	PL.45130	A	#2 ACSR	7.47Y	124.5	0.00	0.48	7.29	4	53	13	97	0.00	0.0	0.212	0.001	0	0	0	6
PD.7226	PL.44727	A	75QA	7.47Y	124.5	0.00	0.48	7.29	10	53	13	97	0.00	0.0	0.212	0.001	0	0	0	6
PL.44728	PD.7226	A	#2 ACSR	7.47Y	124.5	0.00	0.48	7.29	4	53	13	97	0.00	0.0	0.230	0.018	22	6	2	6
PL.54888	PL.44728	A	#2 ACSR	7.47Y	124.5	0.00	0.48	4.24	2	31	8	97	0.00	0.0	0.261	0.031	0	0	0	4
PL.54889	PL.54888	A	#2 ACSR	7.47Y	124.5	0.00	0.48	0.78	0	6	1	99	0.00	0.0	0.294	0.033	6	1	1	1
PL.54890	PL.54888	A	#1/0 ACSR	7.47Y	124.5	0.01	0.49	3.46	2	25	6	97	0.00	0.0	0.327	0.066	0	0	0	3
PL.54914	PL.54890	A	1/0 AL URD	7.47Y	124.5	0.00	0.49	3.46	2	25	6	97	0.00	0.0	0.354	0.027	16	4	1	3
PL.54915	PL.54914	A	1/0 AL URD	7.47Y	124.5	0.00	0.49	1.24	1	9	2	98	0.00	0.0	0.409	0.055	9	2	2	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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total			
KW	18316	0	0	0	0	0	686		0.00	19005	Lowest Voltage =	114.84	on Element PL.46682
KVAR	4979	0	0	-103	0	0	1376			6251	Max Accm VoltD =	10.16	on Element PL.46682
											Max Elem VoltD =	1.61	on Element PL.46351