Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
South Fork		ABC	SRC-South	7.50Y	125.0	0.00	0.00	173.96	0	3718	1224	95	0.00	0.0	0.000	0.000	0	0	0	944
PL.13908	South Fork	ABC	#1/0 ACSR	7.50Y	125.0	0.00	0.00	48.46	21	1042	320	96	0.03	0.0	0.004	0.004	0	0	0	307
PL.72574	PL.13908	ABC	#1/0 ACSR	7.50Y	125.0	0.00	0.01	48.46	21	1042	320	96	0.01	0.0	0.006	0.002	0	0	0	307
---------- Feeder No. 3 (Oneida F3) Beginning with Device PD.11213 ----------																				
PD.11213	PL.72574	ABC	300VWE	7.50Y	125.0	0.00	0.01	48.46	0	1042	319	96	0.00	0.0	0.006	0.002	0	0	0	307
PL.14242	PD.11213	ABC	#1/0 ACSR	7.50Y	125.0	0.00	0.01	48.46	21	1042	319	96	0.03	0.0	0.012	0.005	0	0	0	307
PL.13741	PL.14242	ABC	#1/0 ACSR	7.50Y	124.9	0.05	0.06	48.46	21	1042	319	96	0.33	0.0	0.066	0.054	6	2	1	307
PL.13743	PL.13741	ABC	#1/0 ACSR	7.49Y	124.9	0.07	0.13	48.16	21	1036	317	96	0.52	0.1	0.150	0.084	0	0	0	306
PL.13742	PL.13743	ABC	#1/0 ACSR	7.49Y	124.8	0.08	0.21	48.16	21	1035	317	96	0.56	0.1	0.240	0.091	0	0	0	306
PL.13744	PL.13742	ABC	#1/0 ACSR	7.48Y	124.7	0.07	0.28	48.16	21	1035	316	96	0.50	0.0	0.321	0.080	0	0	0	306
PL.13745	PL.13744	ABC	#1/0 ACSR	7.48Y	124.6	0.08	0.36	48.16	21	1034	316	96	0.56	0.1	0.411	0.090	0	0	0	306
PL.13287	PL.13745	ABC	#1/0 ACSR	7.47Y	124.5	0.09	0.45	48.16	21	1034	315	96	0.65	0.1	0.516	0.106	6	2	1	306
PL.13746	PL.13287	C	#2 ACSR	7.47Y	124.5	0.00	0.46	0.96	1	7	2	96	0.00	0.0	0.604	0.088	7	2	1	1
PL.13288	PL.13287	ABC	#1/0 ACSR	7.47Y	124.5	0.04	0.49	47.55	21	1020	311	96	0.27	0.0	0.561	0.044	5	1	2	304
PL.13768	PL.13288	ABC	#1/0 ACSR	7.47Y	124.5	0.05	0.54	47.33	21	1015	309	96	0.35	0.0	0.619	0.058	0	0	0	302
PL.13747	PL.13768	ABC	#1/0 ACSR	7.46Y	124.4	0.10	0.64	47.33	21	1014	309	96	0.67	0.1	0.731	0.112	0	0	0	302
PL.13748	PL.13747	C	#2 ACSR	7.46Y	124.4	0.01	0.65	1.62	1	12	3	97	0.00	0.0	0.840	0.110	0	0	0	3
PL.13750	PL.13748	C	#2 ACSR	7.46Y	124.4	0.00	0.65	1.62	1	12	3	97	0.00	0.0	0.845	0.005	0	0	0	3
PD.2288	PL.13750	C	50T	7.46Y	124.4	0.00	0.65	1.62	0	12	3	97	0.00	0.0	0.845	0.005	0	0	0	3
PL.14125	PD.2288	C	#2 ACSR	7.46Y	124.4	0.00	0.65	0.78	0	6	2	95	0.00	0.0	0.877	0.032	0	0	0	2
PL.13752	PL.14125	C	#2 ACSR	7.46Y	124.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	0.977	0.100	0	0	1	1
PL.13751	PL.14125	C	#2 ACSR	7.46Y	124.4	0.00	0.65	0.78	0	6	2	95	0.00	0.0	0.955	0.078	6	2	1	1
PL.13291	PD.2288	C	#2 ACSR	7.46Y	124.4	0.00	0.65	0.83	0	6	2	95	0.00	0.0	0.851	0.006	0	0	0	1
PL.13292	PL.13291	C	#2 ACSR	7.46Y	124.4	0.00	0.65	0.83	0	6	2	95	0.00	0.0	0.851	0.000	0	0	0	1
PL.13749	PL.13292	C	#2 ACSR	7.46Y	124.4	0.00	0.65	0.83	0	6	2	95	0.00	0.0	0.886	0.034	6	2	1	1
PL.14124	PL.13747	ABC	#1/0 ACSR	7.46Y	124.3	0.08	0.72	46.79	20	1002	305	96	0.55	0.1	0.826	0.095	7	2	1	299
PL.13753	PL.14124	ABC	#1/0 ACSR	7.45Y	124.2	0.08	0.80	46.47	20	995	302	96	0.51	0.1	0.915	0.089	5	2	1	298
PL.13755	PL.13753	ABC	#1/0 ACSR	7.45Y	124.2	0.04	0.84	46.22	20	989	300	96	0.27	0.0	0.963	0.048	0	0	0	297
PL.13756	PL.13755	ABC	#1/0 ACSR	7.44Y	124.1	0.10	0.94	46.22	20	989	300	96	0.67	0.1	1.081	0.118	0	0	0	297
PL.13299	PL.13756	ABC	#1/0 ACSR	7.44Y	124.0	0.09	1.02	44.57	19	952	289	96	0.56	0.1	1.186	0.106	0	0	0	286

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

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Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13300	PL.13299	ABC	#1/0 ACSR	7.44Y	123.9	0.06	1.08	44.57	19	952	288	96	0.38	0.0	1.258	0.072	0	0	0	286
PL.14178	PL.13300	ABC	#1/0 ACSR	7.43Y	123.9	0.01	1.09	44.57	19	952	288	96	0.05	0.0	1.267	0.009	0	0	0	286
PL.14179	PL.14178	ABC	#1/0 ACSR	7.43Y	123.9	0.00	1.09	44.57	19	951	288	96	0.02	0.0	1.272	0.004	0	0	0	286
PL.13313	PL.14179	ABC	#1/0 ACSR	7.43Y	123.9	0.03	1.12	44.52	19	950	288	96	0.20	0.0	1.309	0.038	10	3	3	285
PL.13314	PL.13313	ABC	#1/0 ACSR	7.43Y	123.8	0.07	1.19	44.06	19	940	285	96	0.43	0.0	1.393	0.084	0	0	0	282
PL.13764	PL.13314	ABC	#1/0 ACSR	7.43Y	123.8	0.04	1.23	43.85	19	935	283	96	0.27	0.0	1.446	0.053	0	0	0	281
PL.13765	PL.13764	ABC	#1/0 ACSR	7.42Y	123.7	0.03	1.26	43.85	19	935	283	96	0.20	0.0	1.486	0.040	1	0	1	281
PL.13766	PL.13765	ABC	#1/0 ACSR	7.42Y	123.7	0.05	1.32	41.26	18	880	266	96	0.32	0.0	1.556	0.070	0	0	0	270
PL.13769	PL.13766	ABC	#1/0 ACSR	7.42Y	123.6	0.07	1.39	41.26	18	879	266	96	0.43	0.0	1.652	0.096	22	7	4	270
PL.13770	PL.13769	ABC	#1/0 ACSR	7.41Y	123.5	0.07	1.46	40.22	17	857	259	96	0.42	0.0	1.750	0.098	5	1	1	266
PL.13771	PL.13770	ABC	#1/0 ACSR	7.41Y	123.5	0.04	1.50	39.99	17	851	257	96	0.24	0.0	1.805	0.055	0	0	0	265
PL.14230	PL.13771	A	6 A (CWC)	7.41Y	123.5	0.00	1.50	1.78	1	13	4	96	0.00	0.0	1.808	0.003	0	0	0	6
PD.2186	PL.14230	A	50L	7.41Y	123.5	0.00	1.50	1.78	4	13	4	96	0.00	0.0	1.808	0.003	0	0	0	6
PL.14231	PD.2186	A	6 A (CWC)	7.41Y	123.5	0.01	1.51	1.78	1	13	4	96	0.00	0.0	1.874	0.066	0	0	0	6
PL.14034	PL.14231	A	6 A (CWC)	7.41Y	123.5	0.01	1.51	1.78	1	13	4	96	0.00	0.0	1.974	0.100	0	0	2	6
PL.14035	PL.14034	A	6 A (CWC)	7.41Y	123.5	0.00	1.52	1.77	1	13	4	96	0.00	0.0	2.020	0.046	6	2	2	4
PL.14036	PL.14035	A	6 A (CWC)	7.41Y	123.5	0.00	1.52	0.98	1	7	2	96	0.00	0.0	2.075	0.055	0	0	0	2
PL.14037	PL.14036	A	6 A (CWC)	7.41Y	123.5	0.00	1.52	0.98	1	7	2	96	0.00	0.0	2.133	0.058	5	2	1	2
PL.14038	PL.14037	A	6 A (CWC)	7.41Y	123.5	0.00	1.52	0.26	0	2	1	89	0.00	0.0	2.181	0.048	0	0	0	1
PL.14040	PL.14038	A	6 A (CWC)	7.41Y	123.5	0.00	1.52	0.26	0	2	1	89	0.00	0.0	2.263	0.082	0	0	0	1
PL.14041	PL.14040	A	#1/0 ACSR	7.41Y	123.5	0.00	1.52	0.26	0	2	1	89	0.00	0.0	2.331	0.069	0	0	0	1
PL.14042	PL.14041	A	#1/0 ACSR	7.41Y	123.5	0.00	1.52	0.26	0	2	1	89	0.00	0.0	2.389	0.058	0	0	0	1
PL.14043	PL.14042	A	#1/0 ACSR	7.41Y	123.5	0.00	1.52	0.26	0	2	1	89	0.00	0.0	2.446	0.057	0	0	0	1
PL.14044	PL.14043	A	#1/0 ACSR	7.41Y	123.5	0.00	1.52	0.26	0	2	1	89	0.00	0.0	2.506	0.059	0	0	0	1
PL.14045	PL.14044	A	#1/0 ACSR	7.41Y	123.5	0.00	1.53	0.26	0	2	1	89	0.00	0.0	2.575	0.069	0	0	0	1
PL.14046	PL.14045	A	#1/0 ACSR	7.41Y	123.5	0.00	1.53	0.26	0	2	1	89	0.00	0.0	2.628	0.053	0	0	0	1
PL.14047	PL.14046	A	#1/0 ACSR	7.41Y	123.5	0.00	1.53	0.26	0	2	1	89	0.00	0.0	2.686	0.058	0	0	0	1
PL.14048	PL.14047	A	#1/0 ACSR	7.41Y	123.5	0.00	1.53	0.26	0	2	1	89	0.00	0.0	2.739	0.053	0	0	0	1
PL.14049	PL.14048	A	#1/0 ACSR	7.41Y	123.5	0.00	1.53	0.26	0	2	1	89	0.00	0.0	2.785	0.045	2	1	1	1
PL.13772	PL.13771	ABC	#1/0 ACSR	7.41Y	123.4	0.08	1.58	39.40	17	838	253	96	0.44	0.1	1.913	0.107	11	3	2	259
PL.13773	PL.13772	ABC	#1/0 ACSR	7.40Y	123.4	0.07	1.65	38.90	17	827	250	96	0.39	0.0	2.011	0.098	0	0	0	257

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Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13774	PL.13773	ABC	#1/0 ACSR	7.40Y	123.3	0.07	1.72	38.90	17	827	249	96	0.40	0.0	2.111	0.100	0	0	0	257
PL.13775	PL.13774	ABC	#1/0 ACSR	7.40Y	123.3	0.03	1.74	38.90	17	826	249	96	0.14	0.0	2.147	0.036	0	0	1	257
PL.13776	PL.13775	ABC	#1/0 ACSR	7.39Y	123.2	0.06	1.80	38.90	17	826	249	96	0.33	0.0	2.230	0.083	9	3	1	256
PL.13777	PL.13776	ABC	#1/0 ACSR	7.39Y	123.2	0.02	1.82	38.46	17	817	246	96	0.11	0.0	2.257	0.027	8	2	1	255
PL.13778	PL.13777	ABC	#1/0 ACSR	7.39Y	123.1	0.03	1.85	38.08	17	808	243	96	0.18	0.0	2.303	0.046	0	0	0	254
PL.13779	PL.13778	ABC	#1/0 ACSR	7.38Y	123.1	0.09	1.94	38.08	17	808	243	96	0.50	0.1	2.434	0.131	0	0	0	254
PL.13780	PL.13779	ABC	#1/0 ACSR	7.38Y	123.0	0.06	2.00	38.08	17	808	243	96	0.31	0.0	2.514	0.080	0	0	0	254
PL.13781	PL.13780	ABC	#1/0 ACSR	7.38Y	122.9	0.07	2.07	38.08	17	807	242	96	0.39	0.0	2.614	0.100	0	0	0	254
PL.13783	PL.13781	ABC	#1/0 ACSR	7.38Y	122.9	0.01	2.08	5.25	2	111	33	96	0.01	0.0	2.693	0.079	0	0	0	48
PL.14232	PL.13783	ABC	#1/0 ACSR	7.38Y	122.9	0.00	2.08	5.25	2	111	33	96	0.00	0.0	2.696	0.003	0	0	0	48
PD.2187	PL.14232	ABC	50L	7.38Y	122.9	0.00	2.08	5.25	10	111	33	96	0.00	0.0	2.696	0.003	0	0	0	48
PL.14233	PD.2187	ABC	#1/0 ACSR	7.37Y	122.9	0.01	2.08	5.25	2	111	33	96	0.01	0.0	2.770	0.074	0	0	0	48
PL.13784	PL.14233	ABC	#1/0 ACSR	7.37Y	122.9	0.01	2.09	5.25	2	111	33	96	0.00	0.0	2.834	0.064	0	0	0	48
PL.13785	PL.13784	ABC	#1/0 ACSR	7.37Y	122.9	0.01	2.10	5.25	2	111	33	96	0.00	0.0	2.892	0.058	0	0	0	48
PL.13786	PL.13785	ABC	#1/0 ACSR	7.37Y	122.9	0.01	2.10	5.25	2	111	33	96	0.00	0.0	2.950	0.058	0	0	0	48
PL.13787	PL.13786	ABC	#1/0 ACSR	7.37Y	122.9	0.01	2.11	5.25	2	111	33	96	0.01	0.0	3.054	0.104	0	0	0	48
PL.13788	PL.13787	ABC	#1/0 ACSR	7.37Y	122.9	0.01	2.12	5.25	2	111	33	96	0.00	0.0	3.112	0.058	0	0	0	48
PL.12898	PL.13788	ABC	#1/0 ACSR	7.37Y	122.9	0.01	2.13	5.25	2	111	33	96	0.01	0.0	3.252	0.140	0	0	0	48
PL.12899	PL.12898	ABC	#1/0 ACSR	7.37Y	122.9	0.02	2.15	5.03	2	107	31	96	0.01	0.0	3.429	0.177	0	0	0	46
PL.12902	PL.12899	ABC	#1/0 ACSR	7.37Y	122.8	0.02	2.16	5.03	2	107	31	96	0.01	0.0	3.604	0.175	0	0	0	46
PL.12903	PL.12902	ABC	#1/0 ACSR	7.37Y	122.8	0.00	2.17	5.03	2	107	31	96	0.00	0.0	3.655	0.051	0	0	1	46
PL.12904	PL.12903	ABC	#1/0 ACSR	7.37Y	122.8	0.01	2.18	5.03	2	107	31	96	0.01	0.0	3.765	0.110	0	0	1	45
PL.12906	PL.12904	ABC	#1/0 ACSR	7.37Y	122.8	0.01	2.18	4.81	2	102	30	96	0.00	0.0	3.830	0.065	0	0	0	43
PL.12907	PL.12906	ABC	#1/0 ACSR	7.37Y	122.8	0.01	2.19	4.81	2	102	30	96	0.00	0.0	3.900	0.071	1	0	1	43
PL.14182	PL.12907	A	#2 ACSR	7.37Y	122.8	0.00	2.19	0.58	0	4	1	97	0.00	0.0	3.905	0.005	0	0	0	1
PD.2163	PL.14182	A	20T	7.37Y	122.8	0.00	2.19	0.58	0	4	1	97	0.00	0.0	3.905	0.005	0	0	0	1
PL.14183	PD.2163	A	#2 ACSR	7.37Y	122.8	0.00	2.19	0.58	0	4	1	97	0.00	0.0	3.973	0.068	4	1	1	1
PL.12908	PL.12907	ABC	#1/0 ACSR	7.37Y	122.8	0.00	2.19	4.58	2	97	29	96	0.00	0.0	3.942	0.042	0	0	0	41
PL.12909	PL.12908	ABC	#1/0 ACSR	7.37Y	122.8	0.00	2.20	4.58	2	97	29	96	0.00	0.0	3.998	0.056	5	2	1	41
PL.12910	PL.12909	ABC	#1/0 ACSR	7.37Y	122.8	0.01	2.21	4.33	2	92	27	96	0.01	0.0	4.113	0.116	0	0	0	40
PL.12911	PL.12910	ABC	#1/0 ACSR	7.37Y	122.8	0.01	2.22	4.33	2	92	27	96	0.01	0.0	4.258	0.145	0	0	0	40

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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	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12912	PL.12911	ABC	#1/0 ACSR	7.37Y	122.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	4.343	0.085	0	0	0	0
PL.12914	PL.12912	ABC	#1/0 ACSR	7.37Y	122.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	4.386	0.043	0	0	0	0
PL.12127	PL.12914	ABC	#1/0 ACSR	7.37Y	122.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	4.391	0.005	0	0	0	0
PD.2091-B	PL.12127	ABC	Open	7.37Y	122.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	4.391	0.005	0	0	0	0
PL.12913	PL.12911	A	6 A (CWC)	7.36Y	122.7	0.04	2.26	13.00	9	92	27	96	0.03	0.0	4.332	0.074	0	0	0	40
PL.14226	PL.12913	A	6 A (CWC)	7.36Y	122.7	0.00	2.26	13.00	9	92	27	96	0.00	0.0	4.335	0.003	0	0	0	40
PD.2184	PL.14226	A	35L	7.36Y	122.7	0.00	2.26	13.00	37	92	27	96	0.00	0.0	4.335	0.003	0	0	0	40
PL.14227	PD.2184	A	6 A (CWC)	7.36Y	122.7	0.05	2.31	13.00	9	92	27	96	0.03	0.0	4.417	0.082	0	0	0	40
PL.12915	PL.14227	A	6 A (CWC)	7.36Y	122.6	0.06	2.37	13.00	9	92	27	96	0.04	0.0	4.517	0.100	0	0	0	40
PL.12916	PL.12915	A	6 A (CWC)	7.35Y	122.5	0.08	2.45	13.00	9	92	27	96	0.06	0.1	4.654	0.138	0	0	0	40
PL.14111	PL.12916	A	6 A (CWC)	7.35Y	122.5	0.04	2.50	13.00	9	92	27	96	0.03	0.0	4.725	0.071	1	0	1	40
PL.14112	PL.14111	A	6 A (CWC)	7.35Y	122.5	0.03	2.53	12.81	9	90	27	96	0.02	0.0	4.780	0.055	0	0	0	39
PL.14113	PL.14112	A	6 A (CWC)	7.34Y	122.4	0.08	2.61	12.81	9	90	27	96	0.05	0.1	4.918	0.138	2	1	1	39
PL.12917	PL.14113	A	6 A (CWC)	7.34Y	122.4	0.00	2.61	0.00	0	0	0	100	0.00	0.0	4.965	0.047	0	0	1	1
PL.12918	PL.14113	A	6 A (CWC)	7.34Y	122.4	0.04	2.65	12.46	9	88	26	96	0.03	0.0	4.986	0.068	0	0	0	37
PL.12919	PL.12918	A	6 A (CWC)	7.34Y	122.3	0.05	2.70	12.46	9	88	26	96	0.04	0.0	5.081	0.096	0	0	0	37
PL.12920	PL.12919	A	6 A (CWC)	7.33Y	122.2	0.06	2.76	12.46	9	88	26	96	0.04	0.0	5.184	0.103	0	0	1	37
PL.12921	PL.12920	A	6 A (CWC)	7.33Y	122.2	0.06	2.82	12.46	9	88	26	96	0.04	0.0	5.290	0.105	0	0	0	36
PL.12922	PL.12921	A	6 A (CWC)	7.33Y	122.1	0.06	2.89	12.46	9	88	26	96	0.04	0.0	5.400	0.110	0	0	0	36
PL.12924	PL.12922	A	6 A (CWC)	7.32Y	122.1	0.06	2.95	12.46	9	88	26	96	0.04	0.0	5.512	0.113	1	0	1	35
PL.12925	PL.12924	A	6 A (CWC)	7.32Y	122.0	0.04	2.99	11.01	8	77	23	96	0.02	0.0	5.587	0.074	0	0	1	33
PL.12929	PL.12925	A	6 A (CWC)	7.32Y	122.0	0.05	3.04	10.96	8	77	23	96	0.03	0.0	5.691	0.104	0	0	0	32
PL.12930	PL.12929	A	6 A (CWC)	7.31Y	121.9	0.06	3.10	10.96	8	77	23	96	0.03	0.0	5.803	0.112	0	0	0	32
PL.12931	PL.12930	A	6 A (CWC)	7.31Y	121.8	0.07	3.16	10.96	8	77	23	96	0.04	0.0	5.932	0.130	0	0	0	32
PL.12932	PL.12931	A	6 A (CWC)	7.31Y	121.8	0.05	3.21	10.96	8	77	23	96	0.03	0.0	6.038	0.106	0	0	0	32
PL.12933	PL.12932	A	6 A (CWC)	7.30Y	121.7	0.06	3.27	10.96	8	77	23	96	0.03	0.0	6.152	0.114	3	1	3	32
PL.12934	PL.12933	A	#1/0 ACSR	7.30Y	121.7	0.01	3.28	4.22	2	30	9	96	0.00	0.0	6.221	0.069	0	0	0	12
PL.14140	PL.12934	A	#1/0 ACSR	7.30Y	121.7	0.00	3.28	4.22	2	30	9	96	0.00	0.0	6.225	0.005	0	0	0	12
PD.2142	PL.14140	A	15T	7.30Y	121.7	0.00	3.28	4.22	0	30	9	96	0.00	0.0	6.225	0.005	0	0	0	12
PL.14141	PD.2142	A	#1/0 ACSR	7.30Y	121.7	0.01	3.28	4.22	2	30	9	96	0.00	0.0	6.290	0.065	0	0	0	12
PL.12935	PL.14141	A	#1/0 ACSR	7.30Y	121.7	0.00	3.29	4.22	2	30	9	96	0.00	0.0	6.330	0.040	0	0	0	12

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13789	PL.12935	A	#1/0 ACSR	7.30Y	121.7	0.00	3.29	0.34	0	2	1	89	0.00	0.0	6.361	0.031	2	1	2	2
PL.13790	PL.12935	A	#1/0 ACSR	7.30Y	121.7	0.00	3.29	3.88	2	27	8	96	0.00	0.0	6.380	0.050	0	0	0	10
PL.13791	PL.13790	A	#1/0 ACSR	7.30Y	121.7	0.00	3.30	3.88	2	27	8	96	0.00	0.0	6.420	0.040	0	0	0	10
PL.13792	PL.13791	A	#1/0 ACSR	7.30Y	121.7	0.00	3.30	3.88	2	27	8	96	0.00	0.0	6.472	0.052	0	0	0	10
PL.13793	PL.13792	A	#1/0 ACSR	7.30Y	121.7	0.01	3.31	3.88	2	27	8	96	0.00	0.0	6.540	0.068	0	0	0	10
PL.13794	PL.13793	A	#1/0 ACSR	7.30Y	121.7	0.01	3.31	3.88	2	27	8	96	0.00	0.0	6.603	0.063	0	0	0	10
PL.13795	PL.13794	A	#1/0 ACSR	7.30Y	121.7	0.01	3.32	3.88	2	27	8	96	0.00	0.0	6.696	0.093	0	0	0	10
PL.13796	PL.13795	A	#1/0 ACSR	7.30Y	121.7	0.00	3.33	3.88	2	27	8	96	0.00	0.0	6.751	0.054	0	0	0	10
PL.13797	PL.13796	A	#1/0 ACSR	7.30Y	121.7	0.00	3.33	3.88	2	27	8	96	0.00	0.0	6.799	0.048	0	0	0	10
PL.13798	PL.13797	A	#1/0 ACSR	7.30Y	121.7	0.00	3.33	3.88	2	27	8	96	0.00	0.0	6.844	0.045	0	0	0	10
PL.13799	PL.13798	A	#1/0 ACSR	7.30Y	121.7	0.01	3.34	3.88	2	27	8	96	0.00	0.0	6.959	0.114	0	0	0	10
PL.13800	PL.13799	A	#1/0 ACSR	7.30Y	121.7	0.00	3.35	3.88	2	27	8	96	0.00	0.0	7.016	0.058	9	3	1	10
PL.13801	PL.13800	A	6 A (CWC)	7.30Y	121.6	0.01	3.36	2.59	2	18	5	96	0.00	0.0	7.093	0.076	0	0	0	9
PL.13802	PL.13801	A	6 A (CWC)	7.30Y	121.6	0.01	3.37	2.59	2	18	5	96	0.00	0.0	7.181	0.088	3	1	1	9
PL.13803	PL.13802	A	6 A (CWC)	7.30Y	121.6	0.01	3.38	2.21	2	15	5	95	0.00	0.0	7.301	0.120	0	0	0	8
PL.13804	PL.13803	A	6 A (CWC)	7.30Y	121.6	0.01	3.39	2.21	2	15	5	95	0.00	0.0	7.372	0.071	0	0	0	8
PL.13805	PL.13804	A	6 A (CWC)	7.30Y	121.6	0.01	3.40	2.21	2	15	5	95	0.00	0.0	7.460	0.088	0	0	0	8
PL.13806	PL.13805	A	6 A (CWC)	7.30Y	121.6	0.02	3.41	2.21	2	15	5	95	0.00	0.0	7.629	0.169	0	0	0	8
PL.13807	PL.13806	A	6 A (CWC)	7.29Y	121.6	0.01	3.42	2.21	2	15	5	95	0.00	0.0	7.719	0.091	0	0	0	8
PL.13808	PL.13807	A	6 A (CWC)	7.29Y	121.6	0.01	3.43	2.21	2	15	5	95	0.00	0.0	7.775	0.056	0	0	2	8
PL.13810	PL.13808	A	6 A (CWC)	7.29Y	121.6	0.01	3.44	1.93	1	14	4	96	0.00	0.0	7.880	0.104	1	0	1	5
PL.13811	PL.13810	A	6 A (CWC)	7.29Y	121.6	0.01	3.45	1.72	1	12	4	95	0.00	0.0	8.015	0.135	0	0	0	4
PL.13812	PL.13811	A	6 A (CWC)	7.29Y	121.5	0.01	3.46	1.72	1	12	4	95	0.00	0.0	8.114	0.099	0	0	0	4
PL.13813	PL.13812	A	6 A (CWC)	7.29Y	121.5	0.01	3.47	1.72	1	12	4	95	0.00	0.0	8.244	0.130	0	0	0	4
PL.13814	PL.13813	A	6 A (CWC)	7.29Y	121.5	0.01	3.47	1.72	1	12	4	95	0.00	0.0	8.340	0.096	5	1	1	4
PL.13815	PL.13814	A	6 A (CWC)	7.29Y	121.5	0.00	3.48	1.04	1	7	2	96	0.00	0.0	8.423	0.084	0	0	1	3
PL.13816	PL.13815	A	6 A (CWC)	7.29Y	121.5	0.01	3.48	1.04	1	7	2	96	0.00	0.0	8.569	0.146	0	0	0	2
PL.13817	PL.13816	A	6 A (CWC)	7.29Y	121.5	0.00	3.49	1.04	1	7	2	96	0.00	0.0	8.670	0.101	5	2	1	2
PL.13818	PL.13817	A	6 A (CWC)	7.29Y	121.5	0.00	3.49	0.30	0	2	1	89	0.00	0.0	8.738	0.068	0	0	0	1
PL.13819	PL.13818	A	6 A (CWC)	7.29Y	121.5	0.00	3.49	0.30	0	2	1	89	0.00	0.0	8.813	0.075	0	0	0	1
PL.13820	PL.13819	A	6 A (CWC)	7.29Y	121.5	0.00	3.49	0.30	0	2	1	89	0.00	0.0	8.865	0.052	0	0	0	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13821	PL.13820	A	6 A (CWC)	7.29Y	121.5	0.00	3.49	0.30	0	2	1	89	0.00	0.0	8.975	0.110	0	0	0	1
PL.13822	PL.13821	A	6 A (CWC)	7.29Y	121.5	0.00	3.49	0.30	0	2	1	89	0.00	0.0	9.029	0.054	0	0	0	1
PL.13823	PL.13822	A	6 A (CWC)	7.29Y	121.5	0.00	3.49	0.30	0	2	1	89	0.00	0.0	9.135	0.105	0	0	0	1
PL.13824	PL.13823	A	6 A (CWC)	7.29Y	121.5	0.00	3.49	0.30	0	2	1	89	0.00	0.0	9.225	0.091	2	1	1	1
PL.13809	PL.13808	A	#1/0 ACSR	7.29Y	121.6	0.00	3.43	0.27	0	2	1	89	0.00	0.0	7.823	0.048	2	1	1	1
PL.14184	PL.12933	A	6 A (CWC)	7.30Y	121.7	0.00	3.27	6.28	4	44	13	96	0.00	0.0	6.157	0.005	0	0	0	17
PD.2164	PL.14184	A	15T	7.30Y	121.7	0.00	3.27	6.28	0	44	13	96	0.00	0.0	6.157	0.005	0	0	0	17
PL.14185	PD.2164	A	6 A (CWC)	7.30Y	121.7	0.04	3.31	6.28	4	44	13	96	0.01	0.0	6.298	0.142	1	0	1	17
PL.14114	PL.14185	A	6 A (CWC)	7.30Y	121.7	0.01	3.32	6.12	4	43	13	96	0.00	0.0	6.328	0.029	0	0	0	16
PL.14115	PL.14114	A	6 A (CWC)	7.30Y	121.7	0.02	3.34	6.12	4	43	13	96	0.01	0.0	6.399	0.071	0	0	0	16
PL.14131	PL.14115	A	6 A (CWC)	7.30Y	121.6	0.04	3.38	6.12	4	43	13	96	0.01	0.0	6.535	0.136	0	0	0	16
PL.14116	PL.14131	A	6 A (CWC)	7.30Y	121.6	0.01	3.39	6.12	4	43	13	96	0.00	0.0	6.574	0.039	0	0	0	16
PL.13304	PL.14116	A	6 A (CWC)	7.30Y	121.6	0.02	3.41	6.12	4	43	13	96	0.01	0.0	6.662	0.087	8	2	1	16
PL.13303	PL.13304	A	6 A (CWC)	7.29Y	121.6	0.01	3.42	4.99	4	35	10	96	0.00	0.0	6.690	0.028	5	2	2	15
PL.13826	PL.13303	A	#2 ACSR	7.29Y	121.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	6.764	0.074	0	0	0	0
PL.13825	PL.13303	A	6 A (CWC)	7.29Y	121.6	0.02	3.44	4.21	3	29	9	96	0.01	0.0	6.811	0.121	0	0	0	13
PL.13827	PL.13825	A	6 A (CWC)	7.29Y	121.5	0.01	3.45	3.31	2	23	7	96	0.00	0.0	6.873	0.062	0	0	0	12
PL.13830	PL.13827	A	6 A (CWC)	7.29Y	121.5	0.01	3.46	3.31	2	23	7	96	0.00	0.0	6.926	0.053	5	1	1	12
PL.13829	PL.13830	A	6 A (CWC)	7.29Y	121.5	0.02	3.48	2.66	2	19	5	97	0.00	0.0	7.123	0.197	0	0	0	11
PL.13838	PL.13829	A	6 A (CWC)	7.29Y	121.5	0.01	3.49	2.66	2	19	5	97	0.00	0.0	7.227	0.104	0	0	0	11
PL.13297	PL.13838	A	6 A (CWC)	7.29Y	121.5	0.01	3.50	1.58	1	11	3	96	0.00	0.0	7.309	0.082	2	1	1	4
PL.13298	PL.13297	A	6 A (CWC)	7.29Y	121.5	0.00	3.50	1.28	1	9	3	95	0.00	0.0	7.390	0.081	4	1	1	3
PL.13831	PL.13298	A	6 A (CWC)	7.29Y	121.5	0.00	3.51	0.76	1	5	2	93	0.00	0.0	7.496	0.106	0	0	0	2
PL.66185	PL.13831	A	6 A (CWC)	7.29Y	121.5	0.00	3.51	0.76	1	5	2	93	0.00	0.0	7.498	0.002	0	0	0	2
PD.9598	PL.66185	A	10T	7.29Y	121.5	0.00	3.51	0.76	0	5	2	93	0.00	0.0	7.498	0.002	0	0	0	2
PL.66186	PD.9598	A	6 A (CWC)	7.29Y	121.5	0.00	3.51	0.76	1	5	2	93	0.00	0.0	7.525	0.027	0	0	0	2
PL.13833	PL.66186	A	6 A (CWC)	7.29Y	121.5	0.00	3.51	0.76	1	5	2	93	0.00	0.0	7.588	0.063	0	0	0	2
PL.13834	PL.13833	A	6 A (CWC)	7.29Y	121.5	0.00	3.51	0.76	1	5	2	93	0.00	0.0	7.623	0.035	0	0	0	2
PL.13835	PL.13834	A	6 A (CWC)	7.29Y	121.5	0.00	3.51	0.76	1	5	2	93	0.00	0.0	7.675	0.051	0	0	0	2
PL.13836	PL.13835	A	6 A (CWC)	7.29Y	121.5	0.00	3.52	0.76	1	5	2	93	0.00	0.0	7.743	0.068	0	0	0	2
PL.14022	PL.13836	A	6 A (CWC)	7.29Y	121.5	0.00	3.52	0.76	1	5	2	93	0.00	0.0	7.846	0.104	1	0	1	2

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.14015	PL.14022	A	6 A (CWC)	7.29Y	121.5	0.00	3.52	0.57	0	4	1	97	0.00	0.0	7.984	0.137	0	0	0	1
PL.14014	PL.14015	A	6 A (CWC)	7.29Y	121.5	0.00	3.52	0.57	0	4	1	97	0.00	0.0	8.040	0.056	0	0	0	1
PL.14021	PL.14014	A	6 A (CWC)	7.29Y	121.5	0.00	3.53	0.57	0	4	1	97	0.00	0.0	8.115	0.076	0	0	0	1
PL.14016	PL.14021	A	6 A (CWC)	7.29Y	121.5	0.00	3.53	0.57	0	4	1	97	0.00	0.0	8.189	0.074	0	0	0	1
PL.14020	PL.14016	A	6 A (CWC)	7.29Y	121.5	0.00	3.53	0.57	0	4	1	97	0.00	0.0	8.284	0.095	0	0	0	1
PL.14019	PL.14020	A	6 A (CWC)	7.29Y	121.5	0.00	3.53	0.57	0	4	1	97	0.00	0.0	8.387	0.103	0	0	0	1
PL.14018	PL.14019	A	6 A (CWC)	7.29Y	121.5	0.00	3.53	0.57	0	4	1	97	0.00	0.0	8.451	0.064	4	1	1	1
PL.14017	PL.14018	A	6 A (CWC)	7.29Y	121.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	8.606	0.155	0	0	0	0
PL.13837	PL.13297	A	6 A (CWC)	7.29Y	121.5	0.00	3.50	0.00	0	0	0	100	0.00	0.0	7.354	0.045	0	0	0	0
PL.13839	PL.13838	A	6 A (CWC)	7.29Y	121.5	0.00	3.50	1.08	1	8	2	97	0.00	0.0	7.318	0.091	0	0	0	7
PL.14117	PL.13839	A	6 A (CWC)	7.29Y	121.5	0.01	3.50	1.08	1	8	2	97	0.00	0.0	7.420	0.102	0	0	0	7
PL.14118	PL.14117	A	6 A (CWC)	7.29Y	121.5	0.00	3.51	0.83	1	6	2	95	0.00	0.0	7.495	0.075	0	0	0	6
PL.14120	PL.14118	A	6 A (CWC)	7.29Y	121.5	0.01	3.51	0.83	1	6	2	95	0.00	0.0	7.631	0.136	0	0	1	6
PL.13841	PL.14120	A	6 A (CWC)	7.29Y	121.5	0.01	3.52	0.82	1	6	2	95	0.00	0.0	7.796	0.165	0	0	0	5
PL.13840	PL.13841	A	6 A (CWC)	7.29Y	121.5	0.00	3.52	0.82	1	6	2	95	0.00	0.0	7.871	0.074	0	0	0	5
PL.13843	PL.13840	A	6 A (CWC)	7.29Y	121.5	0.00	3.52	0.82	1	6	2	95	0.00	0.0	7.963	0.093	0	0	0	5
PL.13844	PL.13843	A	6 A (CWC)	7.29Y	121.5	0.00	3.53	0.82	1	6	2	95	0.00	0.0	8.014	0.051	1	0	1	5
PL.13845	PL.13844	A	6 A (CWC)	7.29Y	121.5	0.00	3.53	0.71	1	5	1	98	0.00	0.0	8.078	0.063	1	0	1	4
PL.13846	PL.13845	A	6 A (CWC)	7.29Y	121.5	0.00	3.53	0.58	0	4	1	97	0.00	0.0	8.185	0.107	0	0	0	3
PL.13847	PL.13846	A	6 A (CWC)	7.29Y	121.5	0.00	3.53	0.58	0	4	1	97	0.00	0.0	8.285	0.100	0	0	0	3
PL.13311	PL.13847	A	6 A (CWC)	7.29Y	121.5	0.00	3.54	0.58	0	4	1	97	0.00	0.0	8.428	0.144	0	0	0	3
PL.13312	PL.13311	A	6 A (CWC)	7.29Y	121.5	0.00	3.54	0.58	0	4	1	97	0.00	0.0	8.506	0.077	0	0	1	3
PL.13848	PL.13312	A	#2 ACSR	7.29Y	121.5	0.00	3.54	0.54	0	4	1	97	0.00	0.0	8.552	0.046	4	1	2	2
PL.14119	PL.14117	A	#2 ACSR	7.29Y	121.5	0.00	3.50	0.26	0	2	1	89	0.00	0.0	7.462	0.042	2	1	1	1
PL.13828	PL.13825	A	#2 ACSR	7.29Y	121.6	0.00	3.44	0.89	1	6	2	95	0.00	0.0	6.839	0.028	6	2	1	1
PL.12926	PL.12924	A	#1/0 ACSR	7.32Y	122.0	0.00	2.95	1.27	1	9	3	95	0.00	0.0	5.544	0.031	0	0	0	1
PL.12927	PL.12926	A	#1/0 ACSR	7.32Y	122.0	0.00	2.95	1.27	1	9	3	95	0.00	0.0	5.697	0.154	0	0	0	1
PL.12928	PL.12927	A	#1/0 ACSR	7.32Y	122.0	0.00	2.96	1.27	1	9	3	95	0.00	0.0	5.779	0.082	9	3	1	1
PL.12923	PL.12922	A	#2 ACSR	7.33Y	122.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	5.471	0.071	0	0	1	1
PL.12905	PL.12904	A	#2 ACSR	7.37Y	122.8	0.00	2.18	0.64	0	5	1	98	0.00	0.0	3.801	0.036	5	1	1	1
PL.12900	PL.12898	C	#2 ACSR	7.37Y	122.9	0.00	2.13	0.66	0	5	1	98	0.00	0.0	3.315	0.064	0	0	0	2

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

Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13326	PL.12900	C	#2 ACSR	7.37Y	122.9	0.00	2.13	0.66	0	5	1	98	0.00	0.0	3.320	0.005	0	0	0	2
PD.2290	PL.13326	C	20T	7.37Y	122.9	0.00	2.13	0.66	0	5	1	98	0.00	0.0	3.320	0.005	0	0	0	2
PL.13327	PD.2290	C	#2 ACSR	7.37Y	122.9	0.00	2.13	0.66	0	5	1	98	0.00	0.0	3.465	0.145	0	0	0	2
PL.12901	PL.13327	C	#2 ACSR	7.37Y	122.9	0.00	2.14	0.66	0	5	1	98	0.00	0.0	3.555	0.090	5	1	2	2
PL.13782	PL.13781	ABC	#1/0 ACSR	7.38Y	122.9	0.01	2.08	32.83	14	696	209	96	0.05	0.0	2.633	0.019	0	0	0	206
PL.14234	PL.13782	ABC	#1/0 ACSR	7.38Y	122.9	0.00	2.08	32.83	14	696	209	96	0.01	0.0	2.635	0.003	0	0	0	206
PD.2188	PL.14234	ABC	70L	7.38Y	122.9	0.00	2.08	32.83	47	696	209	96	0.00	0.0	2.635	0.003	0	0	0	206
PL.14235	PD.2188	ABC	#1/0 ACSR	7.37Y	122.9	0.04	2.13	32.83	14	696	209	96	0.21	0.0	2.709	0.073	0	0	0	206
PL.14050	PL.14235	ABC	#1/0 ACSR	7.37Y	122.8	0.04	2.16	32.83	14	696	209	96	0.18	0.0	2.771	0.062	0	0	0	206
PL.14170	PL.14050	C	6 A (CWC)	7.37Y	122.8	0.00	2.16	0.96	1	7	2	96	0.00	0.0	2.776	0.005	0	0	0	1
PD.2158	PL.14170	C	30T	7.37Y	122.8	0.00	2.16	0.96	0	7	2	96	0.00	0.0	2.776	0.005	0	0	0	1
PL.14171	PD.2158	C	6 A (CWC)	7.37Y	122.8	0.00	2.16	0.96	1	7	2	96	0.00	0.0	2.818	0.043	7	2	1	1
PL.14126	PL.14050	ABC	#1/0 ACSR	7.37Y	122.8	0.05	2.22	32.51	14	689	207	96	0.24	0.0	2.859	0.088	10	3	1	205
PL.13849	PL.14126	ABC	#1/0 ACSR	7.36Y	122.7	0.06	2.28	32.06	14	679	204	96	0.28	0.0	2.962	0.103	0	0	0	204
PL.13850	PL.13849	ABC	#1/0 ACSR	7.36Y	122.7	0.06	2.34	32.06	14	678	203	96	0.29	0.0	3.066	0.104	0	0	0	204
PL.14168	PL.13850	C	#2 ACSR	7.36Y	122.7	0.00	2.34	0.32	0	2	1	89	0.00	0.0	3.070	0.005	0	0	0	2
PD.2157	PL.14168	C	30T	7.36Y	122.7	0.00	2.34	0.32	0	2	1	89	0.00	0.0	3.070	0.005	0	0	0	2
PL.14169	PD.2157	C	#2 ACSR	7.36Y	122.7	0.00	2.34	0.32	0	2	1	89	0.00	0.0	3.123	0.053	0	0	0	2
PL.13851	PL.14169	C	#2 ACSR	7.36Y	122.7	0.00	2.34	0.32	0	2	1	89	0.00	0.0	3.158	0.035	2	1	2	2
PL.14238	PL.13850	ABC	#1/0 ACSR	7.36Y	122.6	0.04	2.38	31.95	14	676	202	96	0.20	0.0	3.140	0.074	0	0	0	202
PL.14239	PL.14238	ABC	#1/0 ACSR	7.36Y	122.6	0.03	2.41	31.95	14	676	202	96	0.13	0.0	3.186	0.047	0	0	0	202
PL.13852	PL.14239	A	#1/0 ACSR	7.35Y	122.6	0.01	2.42	13.14	6	93	27	96	0.01	0.0	3.222	0.036	0	0	0	28
PL.14222	PL.13852	A	#1/0 ACSR	7.35Y	122.6	0.00	2.42	13.14	6	93	27	96	0.00	0.0	3.225	0.003	0	0	0	28
PD.2182	PL.14222	A	50L	7.35Y	122.6	0.00	2.42	13.14	26	93	27	96	0.00	0.0	3.225	0.003	0	0	0	28
PL.14223	PD.2182	A	#1/0 ACSR	7.35Y	122.6	0.01	2.43	13.14	6	93	27	96	0.01	0.0	3.267	0.042	0	0	0	28
PL.13853	PL.14223	A	#1/0 ACSR	7.35Y	122.6	0.01	2.44	13.14	6	93	27	96	0.01	0.0	3.296	0.029	0	0	0	28
PL.13854	PL.13853	A	#1/0 ACSR	7.35Y	122.5	0.02	2.46	13.14	6	93	27	96	0.01	0.0	3.345	0.049	0	0	0	28
PL.13855	PL.13854	A	#1/0 ACSR	7.35Y	122.5	0.02	2.48	13.14	6	93	27	96	0.01	0.0	3.411	0.066	0	0	0	28
PL.13856	PL.13855	A	#1/0 ACSR	7.35Y	122.5	0.02	2.50	13.14	6	93	27	96	0.01	0.0	3.477	0.065	0	0	0	28
PL.13857	PL.13856	A	#1/0 ACSR	7.35Y	122.5	0.01	2.51	13.14	6	93	27	96	0.01	0.0	3.524	0.047	0	0	0	28
PL.13858	PL.13857	A	#1/0 ACSR	7.35Y	122.5	0.02	2.53	13.14	6	93	27	96	0.01	0.0	3.574	0.050	0	0	0	28

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13859	PL.13858	A	#1/0 ACSR	7.35Y	122.5	0.02	2.55	13.14	6	93	27	96	0.01	0.0	3.644	0.070	0	0	0	28
PL.13860	PL.13859	A	#1/0 ACSR	7.35Y	122.4	0.01	2.56	13.14	6	93	27	96	0.01	0.0	3.677	0.032	0	0	0	28
PL.13325	PL.13860	A	#1/0 ACSR	7.35Y	122.4	0.00	2.56	2.48	1	17	5	96	0.00	0.0	3.681	0.005	0	0	0	2
PD.2289	PL.13325	A	20T	7.35Y	122.4	0.00	2.56	2.48	0	17	5	96	0.00	0.0	3.681	0.005	0	0	0	2
PL.13324	PD.2289	A	#1/0 ACSR	7.35Y	122.4	0.00	2.56	2.48	1	17	5	96	0.00	0.0	3.722	0.040	17	5	2	2
PL.13861	PL.13324	A	#2 ACSR	7.35Y	122.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	3.769	0.047	0	0	0	0
PL.14051	PL.13861	A	#2 ACSR	7.35Y	122.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	3.798	0.029	0	0	0	0
PL.13862	PL.13860	A	#1/0 ACSR	7.35Y	122.4	0.02	2.58	10.66	5	75	22	96	0.01	0.0	3.757	0.080	0	0	0	26
PL.13863	PL.13862	A	#1/0 ACSR	7.34Y	122.4	0.02	2.59	10.66	5	75	22	96	0.01	0.0	3.822	0.066	0	0	0	26
PL.13864	PL.13863	A	#1/0 ACSR	7.34Y	122.4	0.01	2.61	10.66	5	75	22	96	0.01	0.0	3.867	0.045	0	0	0	26
PL.13865	PL.13864	A	#1/0 ACSR	7.34Y	122.4	0.03	2.64	10.66	5	75	22	96	0.02	0.0	3.991	0.124	0	0	0	26
PL.13866	PL.13865	A	#1/0 ACSR	7.34Y	122.4	0.01	2.65	10.66	5	75	22	96	0.01	0.0	4.040	0.049	0	0	0	26
PL.13867	PL.13866	A	#1/0 ACSR	7.34Y	122.3	0.02	2.67	10.66	5	75	22	96	0.01	0.0	4.113	0.074	0	0	0	26
PL.13868	PL.13867	A	#1/0 ACSR	7.34Y	122.3	0.01	2.67	10.66	5	75	22	96	0.00	0.0	4.140	0.027	0	0	0	26
PL.13869	PL.13868	A	#1/0 ACSR	7.34Y	122.3	0.01	2.68	10.66	5	75	22	96	0.01	0.0	4.183	0.043	0	0	0	26
PL.13870	PL.13869	A	#1/0 ACSR	7.34Y	122.3	0.01	2.70	10.66	5	75	22	96	0.01	0.0	4.227	0.044	0	0	0	26
PL.13871	PL.13870	A	#1/0 ACSR	7.34Y	122.3	0.01	2.70	10.66	5	75	22	96	0.00	0.0	4.265	0.038	0	0	0	26
PL.13872	PL.13871	A	#1/0 ACSR	7.34Y	122.3	0.01	2.71	10.66	5	75	22	96	0.00	0.0	4.299	0.034	0	0	0	26
PL.13873	PL.13872	A	#1/0 ACSR	7.34Y	122.3	0.01	2.73	10.66	5	75	22	96	0.01	0.0	4.351	0.051	0	0	0	26
PL.13874	PL.13873	A	#1/0 ACSR	7.34Y	122.3	0.02	2.75	10.66	5	75	22	96	0.01	0.0	4.428	0.077	0	0	0	26
PL.13875	PL.13874	A	#1/0 ACSR	7.33Y	122.2	0.02	2.76	10.66	5	75	22	96	0.01	0.0	4.504	0.077	4	1	1	26
PL.13876	PL.13875	A	#1/0 ACSR	7.33Y	122.2	0.01	2.78	10.11	4	71	21	96	0.01	0.0	4.571	0.067	8	2	1	25
PL.13877	PL.13876	A	#1/0 ACSR	7.33Y	122.2	0.02	2.80	8.95	4	63	18	96	0.01	0.0	4.680	0.109	9	3	2	24
PL.13878	PL.13877	A	#1/0 ACSR	7.33Y	122.2	0.01	2.81	7.62	3	54	16	96	0.00	0.0	4.756	0.076	2	1	1	22
PL.13879	PL.13878	A	#1/0 ACSR	7.33Y	122.2	0.01	2.82	7.28	3	51	15	96	0.00	0.0	4.821	0.066	0	0	0	21
PL.13880	PL.13879	A	#1/0 ACSR	7.33Y	122.2	0.00	2.83	7.28	3	51	15	96	0.00	0.0	4.850	0.029	0	0	0	21
PL.13881	PL.13880	A	#1/0 ACSR	7.33Y	122.2	0.01	2.84	7.08	3	50	15	96	0.00	0.0	4.926	0.075	0	0	0	19
PL.13882	PL.13881	A	#1/0 ACSR	7.33Y	122.1	0.01	2.85	7.08	3	50	15	96	0.00	0.0	4.987	0.062	0	0	0	19
PL.13883	PL.13882	A	#1/0 ACSR	7.33Y	122.1	0.01	2.86	7.08	3	50	15	96	0.00	0.0	5.042	0.055	0	0	0	19
PL.13884	PL.13883	A	#1/0 ACSR	7.33Y	122.1	0.02	2.88	7.08	3	50	15	96	0.01	0.0	5.157	0.115	0	0	0	19
PL.13885	PL.13884	A	#1/0 ACSR	7.33Y	122.1	0.01	2.89	7.08	3	50	15	96	0.00	0.0	5.207	0.050	0	0	0	19

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13886	PL.13885	A	#1/0 ACSR	7.33Y	122.1	0.01	2.89	7.08	3	50	15	96	0.00	0.0	5.239	0.032	0	0	0	19
PL.14127	PL.13886	A	#1/0 ACSR	7.33Y	122.1	0.01	2.90	6.67	3	47	14	96	0.00	0.0	5.304	0.065	0	0	0	18
PL.13887	PL.14127	A	#1/0 ACSR	7.32Y	122.1	0.01	2.92	6.67	3	47	14	96	0.00	0.0	5.392	0.087	0	0	0	18
PL.13888	PL.13887	A	#1/0 ACSR	7.32Y	122.1	0.01	2.93	6.67	3	47	14	96	0.00	0.0	5.441	0.049	0	0	0	18
PL.13889	PL.13888	A	#1/0 ACSR	7.32Y	122.1	0.01	2.94	6.67	3	47	14	96	0.00	0.0	5.504	0.064	0	0	0	18
PL.13890	PL.13889	A	#1/0 ACSR	7.32Y	122.1	0.01	2.95	6.67	3	47	14	96	0.00	0.0	5.572	0.067	0	0	0	18
PL.13891	PL.13890	A	#1/0 ACSR	7.32Y	122.0	0.01	2.95	6.67	3	47	14	96	0.00	0.0	5.629	0.057	0	0	0	18
PL.13893	PL.13891	A	#1/0 ACSR	7.32Y	122.0	0.01	2.96	6.67	3	47	14	96	0.00	0.0	5.684	0.055	0	0	0	18
PL.13892	PL.13893	A	#1/0 ACSR	7.32Y	122.0	0.00	2.97	6.67	3	47	14	96	0.00	0.0	5.716	0.032	3	1	1	18
PL.13894	PL.13892	A	#1/0 ACSR	7.32Y	122.0	0.02	2.99	6.26	3	44	13	96	0.00	0.0	5.832	0.116	0	0	0	17
PL.13895	PL.13894	A	#1/0 ACSR	7.32Y	122.0	0.01	3.00	6.26	3	44	13	96	0.00	0.0	5.899	0.067	0	0	0	17
PL.13896	PL.13895	A	#1/0 ACSR	7.32Y	122.0	0.01	3.00	6.26	3	44	13	96	0.00	0.0	5.951	0.052	0	0	0	17
PL.14138	PL.13896	A	#2 ACSR	7.32Y	122.0	0.00	3.00	0.23	0	2	0	100	0.00	0.0	5.955	0.004	0	0	0	1
PD.2141	PL.14138	A	20T	7.32Y	122.0	0.00	3.00	0.23	0	2	0	100	0.00	0.0	5.955	0.004	0	0	0	1
PL.14139	PD.2141	A	#2 ACSR	7.32Y	122.0	0.00	3.00	0.23	0	2	0	100	0.00	0.0	5.969	0.014	2	0	1	1
PL.13897	PL.13896	A	#1/0 ACSR	7.32Y	122.0	0.01	3.01	6.03	3	42	12	96	0.00	0.0	5.994	0.043	0	0	0	16
PL.13898	PL.13897	A	#1/0 ACSR	7.32Y	122.0	0.01	3.02	6.03	3	42	12	96	0.00	0.0	6.082	0.088	0	0	1	16
PL.13899	PL.13898	A	#1/0 ACSR	7.32Y	122.0	0.01	3.03	4.60	2	32	9	96	0.00	0.0	6.129	0.047	0	0	0	12
PL.13900	PL.13899	A	#1/0 ACSR	7.32Y	122.0	0.01	3.03	4.60	2	32	9	96	0.00	0.0	6.185	0.057	0	0	0	12
PL.13305	PL.13900	A	#1/0 ACSR	7.32Y	122.0	0.01	3.04	4.60	2	32	9	96	0.00	0.0	6.240	0.055	2	0	1	12
PL.13306	PL.13305	A	#1/0 ACSR	7.32Y	122.0	0.00	3.04	4.37	2	31	9	96	0.00	0.0	6.282	0.042	0	0	0	11
PL.13901	PL.13306	A	#1/0 ACSR	7.32Y	122.0	0.01	3.05	4.37	2	31	9	96	0.00	0.0	6.351	0.069	0	0	0	11
PL.13902	PL.13901	A	#1/0 ACSR	7.32Y	121.9	0.01	3.05	3.47	2	24	7	96	0.00	0.0	6.413	0.062	0	0	0	10
PL.13903	PL.13902	A	#1/0 ACSR	7.32Y	121.9	0.01	3.06	3.47	2	24	7	96	0.00	0.0	6.486	0.072	0	0	0	10
PL.13318	PL.13903	A	#1/0 ACSR	7.32Y	121.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	6.531	0.045	0	0	0	0
PD.8621-A	PL.13318	A	Open	7.32Y	121.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	6.531	0.045	0	0	0	0
PL.14146	PL.13903	A	#1/0 ACSR	7.32Y	121.9	0.00	3.06	3.47	2	24	7	96	0.00	0.0	6.490	0.005	0	0	0	10
PD.2145	PL.14146	A	20T	7.32Y	121.9	0.00	3.06	3.47	0	24	7	96	0.00	0.0	6.490	0.005	0	0	0	10
PL.14147	PD.2145	A	#1/0 ACSR	7.32Y	121.9	0.01	3.07	3.47	2	24	7	96	0.00	0.0	6.631	0.141	0	0	0	10
PL.13904	PL.14147	A	6 A (CWC)	7.32Y	121.9	0.01	3.08	3.47	2	24	7	96	0.00	0.0	6.666	0.035	5	2	1	10
PL.13905	PL.13904	A	6 A (CWC)	7.31Y	121.9	0.01	3.08	2.73	2	19	6	95	0.00	0.0	6.723	0.057	2	1	1	9

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: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13906	PL.13905	A	6 A (CWC)	7.31Y	121.9	0.00	3.09	2.39	2	17	5	96	0.00	0.0	6.744	0.021	0	0	0	8
PL.13240	PL.13906	A	6 A (CWC)	7.31Y	121.9	0.02	3.11	2.39	2	17	5	96	0.00	0.0	6.926	0.181	0	0	0	7
PL.13241	PL.13240	A	6 A (CWC)	7.31Y	121.9	0.01	3.11	2.39	2	17	5	96	0.00	0.0	7.034	0.109	9	3	2	7
PL.13242	PL.13241	A	6 A (CWC)	7.31Y	121.9	0.00	3.12	1.05	1	7	2	96	0.00	0.0	7.105	0.070	0	0	0	5
PL.14053	PL.13242	A	6 A (CWC)	7.31Y	121.9	0.00	3.12	1.05	1	7	2	96	0.00	0.0	7.187	0.083	2	1	1	5
PL.14054	PL.14053	A	6 A (CWC)	7.31Y	121.9	0.00	3.12	0.78	1	5	2	93	0.00	0.0	7.251	0.064	0	0	0	4
PL.14055	PL.14054	A	6 A (CWC)	7.31Y	121.9	0.01	3.13	0.78	1	5	2	93	0.00	0.0	7.390	0.140	0	0	0	4
PL.14057	PL.14055	A	6 A (CWC)	7.31Y	121.9	0.00	3.13	0.78	1	5	2	93	0.00	0.0	7.423	0.032	3	1	1	4
PL.14058	PL.14057	A	6 A (CWC)	7.31Y	121.9	0.00	3.13	0.36	0	3	1	95	0.00	0.0	7.468	0.046	1	0	2	3
PL.14059	PL.14058	A	6 A (CWC)	7.31Y	121.9	0.00	3.13	0.28	0	2	1	89	0.00	0.0	7.525	0.057	2	1	1	1
PL.14060	PL.14059	A	6 A (CWC)	7.31Y	121.9	0.00	3.13	0.00	0	0	0	100	0.00	0.0	7.591	0.066	0	0	0	0
PL.14061	PL.14060	A	6 A (CWC)	7.31Y	121.9	0.00	3.13	0.00	0	0	0	100	0.00	0.0	7.698	0.107	0	0	0	0
PL.14056	PL.14055	A	6 A (CWC)	7.31Y	121.9	0.00	3.13	0.00	0	0	0	100	0.00	0.0	7.450	0.060	0	0	0	0
PL.13907	PL.13906	A	#2 ACSR	7.31Y	121.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	6.823	0.078	0	0	0	1
PL.14052	PL.13907	A	#2 ACSR	7.31Y	121.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	6.894	0.071	0	0	0	1
PL.14132	PL.14052	A	#2 ACSR	7.31Y	121.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	7.033	0.139	0	0	1	1
PL.14144	PL.13901	A	#4 ACSR	7.32Y	122.0	0.00	3.05	0.90	1	6	2	95	0.00	0.0	6.356	0.004	0	0	0	1
PD.2144	PL.14144	A	20T	7.32Y	122.0	0.00	3.05	0.90	0	6	2	95	0.00	0.0	6.356	0.004	0	0	0	1
PL.14145	PD.2144	A	#4 ACSR	7.32Y	121.9	0.00	3.05	0.90	1	6	2	95	0.00	0.0	6.382	0.026	6	2	1	1
PL.14142	PL.13898	A	6 A (CWC)	7.32Y	122.0	0.00	3.02	1.39	1	10	3	96	0.00	0.0	6.087	0.005	0	0	0	3
PD.2143	PL.14142	A	20T	7.32Y	122.0	0.00	3.02	1.39	0	10	3	96	0.00	0.0	6.087	0.005	0	0	0	3
PL.14143	PD.2143	A	6 A (CWC)	7.32Y	122.0	0.00	3.02	1.39	1	10	3	96	0.00	0.0	6.157	0.070	10	3	3	3
PL.14166	PL.13886	A	#2 ACSR	7.33Y	122.1	0.00	2.89	0.42	0	3	1	95	0.00	0.0	5.244	0.005	0	0	0	1
PD.2156	PL.14166	A	20T	7.33Y	122.1	0.00	2.89	0.42	0	3	1	95	0.00	0.0	5.244	0.005	0	0	0	1
PL.14167	PD.2156	A	#2 ACSR	7.33Y	122.1	0.00	2.89	0.42	0	3	1	95	0.00	0.0	5.264	0.020	3	1	1	1
PL.14136	PL.13880	A	#1/0 ACSR	7.33Y	122.2	0.00	2.83	0.20	0	1	0	100	0.00	0.0	4.855	0.005	0	0	0	2
PD.2140	PL.14136	A	20T	7.33Y	122.2	0.00	2.83	0.20	0	1	0	100	0.00	0.0	4.855	0.005	0	0	0	2
PL.14137	PD.2140	A	#1/0 ACSR	7.33Y	122.2	0.00	2.83	0.20	0	1	0	100	0.00	0.0	4.878	0.023	1	0	2	2
PL.13243	PL.14239	ABC	#1/0 ACSR	7.35Y	122.6	0.02	2.43	27.57	12	583	175	96	0.09	0.0	3.230	0.044	0	0	1	174
PL.14186	PL.13243	A	6 A (CWC)	7.35Y	122.6	0.00	2.43	0.73	1	5	1	98	0.00	0.0	3.235	0.005	0	0	0	1
PD.2165	PL.14186	A	30T	7.35Y	122.6	0.00	2.43	0.73	0	5	1	98	0.00	0.0	3.235	0.005	0	0	0	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.14187	PD.2165	A	6 A (CWC)	7.35Y	122.6	0.00	2.43	0.73	1	5	1	98	0.00	0.0	3.293	0.058	5	1	1	1
PL.13244	PL.13243	ABC	#1/0 ACSR	7.35Y	122.5	0.05	2.47	27.31	12	577	173	96	0.18	0.0	3.322	0.091	0	0	0	172
PL.14164	PL.13244	C	#2 ACSR	7.35Y	122.5	0.00	2.47	0.31	0	2	1	89	0.00	0.0	3.326	0.005	0	0	0	1
PD.2155	PL.14164	C	30T	7.35Y	122.5	0.00	2.47	0.31	0	2	1	89	0.00	0.0	3.326	0.005	0	0	0	1
PL.14165	PD.2155	C	#2 ACSR	7.35Y	122.5	0.00	2.47	0.31	0	2	1	89	0.00	0.0	3.342	0.016	2	1	1	1
PL.13245	PL.13244	ABC	#1/0 ACSR	7.35Y	122.5	0.04	2.52	27.20	12	575	172	96	0.17	0.0	3.409	0.088	0	0	0	171
PL.14062	PL.13245	ABC	#1/0 ACSR	7.35Y	122.4	0.04	2.56	27.20	12	575	172	96	0.15	0.0	3.488	0.078	4	1	1	171
PL.14162	PL.14062	A	6 A (CWC)	7.35Y	122.4	0.00	2.56	0.92	1	6	2	95	0.00	0.0	3.492	0.005	0	0	0	1
PD.2154	PL.14162	A	30T	7.35Y	122.4	0.00	2.56	0.92	0	6	2	95	0.00	0.0	3.492	0.005	0	0	0	1
PL.14163	PD.2154	A	6 A (CWC)	7.35Y	122.4	0.00	2.56	0.92	1	6	2	95	0.00	0.0	3.557	0.065	6	2	1	1
PL.14063	PL.14062	ABC	#1/0 ACSR	7.34Y	122.4	0.04	2.60	26.47	12	559	167	96	0.17	0.0	3.578	0.090	0	0	0	167
PL.14064	PL.14063	ABC	#1/0 ACSR	7.34Y	122.4	0.03	2.63	26.47	12	559	167	96	0.13	0.0	3.647	0.069	21	6	4	167
PL.14160	PL.14064	A	#2 ACSR	7.34Y	122.4	0.00	2.63	1.01	1	7	2	96	0.00	0.0	3.652	0.005	0	0	0	1
PD.2153	PL.14160	A	30T	7.34Y	122.4	0.00	2.63	1.01	0	7	2	96	0.00	0.0	3.652	0.005	0	0	0	1
PL.14161	PD.2153	A	#2 ACSR	7.34Y	122.4	0.00	2.63	1.01	1	7	2	96	0.00	0.0	3.703	0.051	7	2	1	1
PL.14065	PL.14064	ABC	#1/0 ACSR	7.34Y	122.3	0.04	2.68	25.16	11	531	159	96	0.16	0.0	3.744	0.097	0	0	0	162
PL.14066	PL.14065	ABC	#1/0 ACSR	7.34Y	122.3	0.04	2.72	24.89	11	525	157	96	0.15	0.0	3.834	0.090	0	0	0	160
PL.14067	PL.14066	ABC	#1/0 ACSR	7.33Y	122.2	0.05	2.77	24.89	11	525	157	96	0.18	0.0	3.940	0.106	0	0	0	160
PL.14068	PL.14067	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.77	24.89	11	525	157	96	0.03	0.0	3.956	0.016	0	0	0	160
PL.14069	PL.14068	ABC	#1/0 ACSR	7.33Y	122.2	0.05	2.82	24.89	11	525	157	96	0.17	0.0	4.060	0.104	0	0	0	160
PL.14070	PL.14069	ABC	#1/0 ACSR	7.33Y	122.1	0.04	2.87	24.89	11	524	157	96	0.16	0.0	4.159	0.099	4	1	3	160
PL.14071	PL.14070	ABC	#1/0 ACSR	7.33Y	122.1	0.05	2.91	24.71	11	520	155	96	0.18	0.0	4.268	0.109	0	0	0	157
PL.14073	PL.14071	A	#2 ACSR	7.33Y	122.1	0.00	2.91	0.51	0	4	1	97	0.00	0.0	4.297	0.029	4	1	2	2
PL.14072	PL.14071	ABC	#1/0 ACSR	7.32Y	122.1	0.03	2.95	24.54	11	517	154	96	0.12	0.0	4.345	0.077	0	0	0	155
PL.14074	PL.14072	ABC	#1/0 ACSR	7.32Y	122.0	0.02	2.97	24.54	11	517	154	96	0.08	0.0	4.394	0.049	0	0	0	155
PL.14075	PL.14074	ABC	#1/0 ACSR	7.32Y	122.0	0.04	3.01	24.54	11	516	154	96	0.14	0.0	4.484	0.090	2	0	1	155
PL.14076	PL.14075	ABC	#1/0 ACSR	7.32Y	122.0	0.03	3.04	24.46	11	515	153	96	0.09	0.0	4.542	0.058	4	1	1	154
PL.14077	PL.14076	ABC	#1/0 ACSR	7.32Y	121.9	0.03	3.07	24.29	11	511	152	96	0.12	0.0	4.617	0.076	0	0	0	153
PL.14078	PL.14077	ABC	#1/0 ACSR	7.31Y	121.9	0.04	3.11	24.29	11	511	152	96	0.13	0.0	4.703	0.085	15	5	1	153
PL.13246	PL.14078	ABC	#1/0 ACSR	7.31Y	121.8	0.04	3.15	23.55	10	495	147	96	0.15	0.0	4.807	0.105	0	0	0	152
PL.13247	PL.13246	ABC	#1/0 ACSR	7.31Y	121.8	0.04	3.19	23.55	10	495	147	96	0.14	0.0	4.905	0.097	7	2	2	152

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13248	PL.13247	ABC	#1/0 ACSR	7.31Y	121.8	0.03	3.22	23.23	10	488	145	96	0.10	0.0	4.973	0.068	0	0	0	150
PL.13250	PL.13248	ABC	#1/0 ACSR	7.30Y	121.7	0.03	3.26	23.12	10	486	144	96	0.11	0.0	5.051	0.077	0	0	0	149
PL.13251	PL.13250	ABC	#1/0 ACSR	7.30Y	121.7	0.04	3.30	23.12	10	486	144	96	0.13	0.0	5.146	0.095	2	1	1	149
PL.13252	PL.13251	ABC	#1/0 ACSR	7.30Y	121.7	0.05	3.34	23.01	10	483	144	96	0.16	0.0	5.260	0.114	0	0	0	148
PL.13286	PL.13252	ABC	#1/0 ACSR	7.30Y	121.6	0.04	3.38	23.01	10	483	143	96	0.12	0.0	5.344	0.085	0	0	0	148
PL.14133	PL.13286	ABC	#1/0 ACSR	7.30Y	121.6	0.04	3.42	23.01	10	483	143	96	0.12	0.0	5.433	0.089	2	1	2	148
PL.13254	PL.14133	ABC	#1/0 ACSR	7.29Y	121.6	0.03	3.44	22.76	10	477	142	96	0.09	0.0	5.500	0.067	0	0	0	145
PL.14236	PL.13254	ABC	#1/0 ACSR	7.29Y	121.6	0.00	3.44	22.76	10	477	142	96	0.00	0.0	5.503	0.003	0	0	0	145
PD.2189	PL.14236	ABC	50L	7.29Y	121.6	0.00	3.44	22.76	46	477	142	96	0.00	0.0	5.503	0.003	0	0	0	145
PL.14237	PD.2189	ABC	#1/0 ACSR	7.29Y	121.5	0.03	3.47	22.76	10	477	142	96	0.09	0.0	5.567	0.065	5	1	1	145
PL.13255	PL.14237	ABC	#1/0 ACSR	7.29Y	121.5	0.02	3.49	22.52	10	472	140	96	0.05	0.0	5.605	0.038	6	2	1	144
PL.13256	PL.13255	ABC	#1/0 ACSR	7.29Y	121.5	0.05	3.53	22.25	10	467	138	96	0.15	0.0	5.722	0.117	0	0	0	143
PL.14192	PL.13256	A	6 A (CWC)	7.29Y	121.5	0.00	3.53	0.95	1	7	2	96	0.00	0.0	5.726	0.005	0	0	0	2
PD.2168	PL.14192	A	20T	7.29Y	121.5	0.00	3.53	0.95	0	7	2	96	0.00	0.0	5.726	0.005	0	0	0	2
PL.14193	PD.2168	A	6 A (CWC)	7.29Y	121.5	0.00	3.54	0.95	1	7	2	96	0.00	0.0	5.800	0.073	7	2	2	2
PL.13257	PL.13256	ABC	#1/0 ACSR	7.29Y	121.4	0.03	3.56	21.93	10	460	136	96	0.09	0.0	5.792	0.070	0	0	0	141
PL.13285	PL.13257	ABC	#1/0 ACSR	7.28Y	121.4	0.06	3.62	21.93	10	460	136	96	0.19	0.0	5.944	0.152	1	0	1	141
PL.13258	PL.13285	ABC	#1/0 ACSR	7.28Y	121.3	0.03	3.65	21.90	10	459	136	96	0.09	0.0	6.014	0.069	0	0	0	140
PL.13259	PL.13258	ABC	#1/0 ACSR	7.28Y	121.3	0.06	3.71	21.90	10	459	136	96	0.20	0.0	6.171	0.157	0	0	0	140
PL.13260	PL.13259	ABC	#1/0 ACSR	7.28Y	121.3	0.03	3.74	21.90	10	458	135	96	0.10	0.0	6.246	0.075	0	0	1	140
PL.13261	PL.13260	ABC	#1/0 ACSR	7.27Y	121.2	0.04	3.78	21.90	10	458	135	96	0.12	0.0	6.340	0.094	0	0	0	139
PL.13263	PL.13261	ABC	#1/0 ACSR	7.27Y	121.2	0.03	3.81	21.33	9	446	132	96	0.08	0.0	6.406	0.066	0	0	0	136
PL.13264	PL.13263	ABC	#1/0 ACSR	7.27Y	121.2	0.03	3.83	21.22	9	444	131	96	0.09	0.0	6.481	0.074	10	3	1	135
PL.13275	PL.13264	ABC	#1/0 ACSR	7.27Y	121.1	0.04	3.87	20.72	9	433	128	96	0.11	0.0	6.581	0.101	0	0	0	134
PL.13276	PL.13275	ABC	#1/0 ACSR	7.27Y	121.1	0.04	3.91	20.72	9	433	128	96	0.12	0.0	6.685	0.103	0	0	0	134
PL.13277	PL.13276	ABC	#1/0 ACSR	7.26Y	121.1	0.03	3.94	20.68	9	432	127	96	0.09	0.0	6.768	0.083	0	0	0	133
PL.14194	PL.13277	A	6 A (CWC)	7.26Y	121.1	0.00	3.94	7.35	5	51	15	96	0.00	0.0	6.772	0.004	0	0	0	13
PD.2169	PL.14194	A	20T	7.26Y	121.1	0.00	3.94	7.35	0	51	15	96	0.00	0.0	6.772	0.004	0	0	0	13
PL.14195	PD.2169	A	6 A (CWC)	7.26Y	121.0	0.02	3.96	7.35	5	51	15	96	0.01	0.0	6.820	0.047	5	1	3	13
PL.13278	PL.14195	A	6 A (CWC)	7.26Y	121.0	0.01	3.97	6.62	5	46	13	96	0.00	0.0	6.868	0.048	5	2	3	10
PL.13279	PL.13278	A	#2 ACSR	7.26Y	121.0	0.01	3.98	5.87	3	41	12	96	0.00	0.0	6.897	0.029	0	0	0	7

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13280	PL.13279	A	#2 ACSR	7.26Y	121.0	0.01	3.99	5.87	3	41	12	96	0.00	0.0	6.947	0.050	0	0	0	7
PL.13281	PL.13280	A	#2 ACSR	7.26Y	121.0	0.01	4.00	5.87	3	41	12	96	0.00	0.0	7.018	0.071	11	3	3	7
PL.13282	PL.13281	A	#2 ACSR	7.26Y	121.0	0.01	4.01	4.23	2	29	9	96	0.00	0.0	7.088	0.070	0	0	0	4
PL.13283	PL.13282	A	#2 ACSR	7.26Y	121.0	0.01	4.01	4.23	2	29	9	96	0.00	0.0	7.146	0.058	12	4	1	4
PL.13284	PL.13283	A	#2 ACSR	7.26Y	121.0	0.00	4.02	2.48	1	17	5	96	0.00	0.0	7.209	0.063	5	1	1	3
PL.13909	PL.13284	A	#2 ACSR	7.26Y	121.0	0.00	4.02	1.76	1	12	4	95	0.00	0.0	7.270	0.062	5	2	1	2
PL.13910	PL.13909	A	#2 ACSR	7.26Y	121.0	0.00	4.02	0.98	1	7	2	96	0.00	0.0	7.318	0.048	0	0	0	1
PL.14079	PL.13910	A	#2 ACSR	7.26Y	121.0	0.00	4.03	0.98	1	7	2	96	0.00	0.0	7.428	0.110	0	0	0	1
PL.14080	PL.14079	A	#2 ACSR	7.26Y	121.0	0.00	4.03	0.98	1	7	2	96	0.00	0.0	7.541	0.113	7	2	1	1
PL.13911	PL.13277	ABC	#1/0 ACSR	7.26Y	121.0	0.04	3.98	18.23	8	381	112	96	0.09	0.0	6.874	0.106	0	0	1	120
PL.13913	PL.13911	C	6 A (CWC)	7.26Y	121.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	6.968	0.094	0	0	0	0
PL.14081	PL.13913	C	6 A (CWC)	7.26Y	121.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	7.053	0.085	0	0	0	0
PL.14082	PL.14081	C	6 A (CWC)	7.26Y	121.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	7.187	0.134	0	0	0	0
PL.14083	PL.14082	C	6 A (CWC)	7.26Y	121.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	7.296	0.108	0	0	0	0
PL.13912	PL.13911	ABC	#1/0 ACSR	7.26Y	121.0	0.02	3.99	18.22	8	381	112	96	0.04	0.0	6.924	0.050	7	2	1	119
PL.13915	PL.13912	ABC	#1/0 ACSR	7.26Y	121.0	0.02	4.02	17.90	8	374	110	96	0.06	0.0	6.993	0.069	0	0	0	118
PL.13916	PL.13915	ABC	#1/0 ACSR	7.26Y	120.9	0.06	4.08	17.90	8	374	110	96	0.16	0.0	7.176	0.183	0	0	0	118
PL.13914	PL.13916	ABC	#1/0 ACSR	7.25Y	120.9	0.03	4.11	17.90	8	374	110	96	0.08	0.0	7.275	0.099	1	0	1	118
PL.13917	PL.13914	ABC	#1/0 ACSR	7.25Y	120.9	0.03	4.13	17.86	8	373	110	96	0.07	0.0	7.353	0.078	0	0	0	117
PL.13918	PL.13917	ABC	#1/0 ACSR	7.25Y	120.8	0.03	4.16	17.86	8	373	110	96	0.08	0.0	7.443	0.090	0	0	0	117
PL.13919	PL.13918	ABC	#1/0 ACSR	7.25Y	120.8	0.03	4.19	17.86	8	373	110	96	0.07	0.0	7.525	0.082	8	2	1	117
PL.13920	PL.13919	ABC	#1/0 ACSR	7.25Y	120.8	0.03	4.22	17.46	8	364	107	96	0.06	0.0	7.606	0.081	6	2	1	116
PL.13921	PL.13920	ABC	#1/0 ACSR	7.25Y	120.8	0.03	4.25	17.16	7	358	105	96	0.09	0.0	7.718	0.112	8	2	1	115
PL.13922	PL.13921	ABC	#1/0 ACSR	7.24Y	120.7	0.03	4.28	16.77	7	350	103	96	0.07	0.0	7.816	0.098	9	3	2	114
PL.13930	PL.13922	ABC	#1/0 ACSR	7.24Y	120.7	0.02	4.30	15.18	7	317	93	96	0.04	0.0	7.888	0.072	7	2	1	107
PL.13931	PL.13930	ABC	#1/0 ACSR	7.24Y	120.7	0.02	4.31	14.83	6	309	91	96	0.03	0.0	7.945	0.057	3	1	3	106
PL.13932	PL.13931	ABC	#1/0 ACSR	7.24Y	120.7	0.01	4.33	14.69	6	306	90	96	0.03	0.0	7.999	0.054	0	0	0	103
PL.13933	PL.13932	ABC	#1/0 ACSR	7.24Y	120.7	0.01	4.34	14.69	6	306	90	96	0.03	0.0	8.043	0.044	0	0	1	103
PL.14152	PL.13933	A	#2 ACSR	7.24Y	120.7	0.00	4.34	0.29	0	2	1	89	0.00	0.0	8.047	0.005	0	0	0	1
PD.2149	PL.14152	A	20T	7.24Y	120.7	0.00	4.34	0.29	0	2	1	89	0.00	0.0	8.047	0.005	0	0	0	1
PL.14153	PD.2149	A	#2 ACSR	7.24Y	120.7	0.00	4.34	0.29	0	2	1	89	0.00	0.0	8.103	0.056	2	1	1	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13934	PL.13933	ABC	#1/0 ACSR	7.24Y	120.6	0.03	4.37	14.59	6	304	89	96	0.06	0.0	8.147	0.104	8	2	2	101
PL.13935	PL.13934	ABC	#1/0 ACSR	7.24Y	120.6	0.02	4.39	14.20	6	296	87	96	0.05	0.0	8.242	0.095	5	1	1	99
PL.14196	PL.13935	C	#4 ACSR	7.24Y	120.6	0.00	4.39	2.47	2	17	5	96	0.00	0.0	8.246	0.005	0	0	0	3
PD.2170	PL.14196	C	20T	7.24Y	120.6	0.00	4.39	2.47	0	17	5	96	0.00	0.0	8.246	0.005	0	0	0	3
PL.14197	PD.2170	C	#4 ACSR	7.24Y	120.6	0.00	4.39	2.47	2	17	5	96	0.00	0.0	8.264	0.018	17	5	3	3
PL.13936	PL.13935	ABC	#1/0 ACSR	7.24Y	120.6	0.01	4.40	13.16	6	274	80	96	0.02	0.0	8.287	0.045	9	2	1	95
PL.13289	PL.13936	ABC	#1/0 ACSR	7.24Y	120.6	0.01	4.41	12.75	6	266	78	96	0.01	0.0	8.314	0.028	4	1	3	94
PL.14154	PL.13289	A	#1/0 ACSR	7.24Y	120.6	0.00	4.41	2.05	1	14	4	96	0.00	0.0	8.319	0.005	0	0	0	3
PD.2150	PL.14154	A	20T	7.24Y	120.6	0.00	4.41	2.05	0	14	4	96	0.00	0.0	8.319	0.005	0	0	0	3
PL.14155	PD.2150	A	#1/0 ACSR	7.24Y	120.6	0.00	4.41	2.05	1	14	4	96	0.00	0.0	8.346	0.027	10	3	2	3
PL.13937	PL.14155	A	#1/0 ACSR	7.24Y	120.6	0.00	4.41	0.62	0	4	1	97	0.00	0.0	8.398	0.052	0	0	0	1
PL.13938	PL.13937	A	#1/0 ACSR	7.24Y	120.6	0.00	4.41	0.62	0	4	1	97	0.00	0.0	8.450	0.052	0	0	0	1
PL.13939	PL.13938	A	#1/0 ACSR	7.24Y	120.6	0.00	4.41	0.62	0	4	1	97	0.00	0.0	8.510	0.059	0	0	0	1
PL.13940	PL.13939	A	#1/0 ACSR	7.24Y	120.6	0.00	4.41	0.62	0	4	1	97	0.00	0.0	8.558	0.048	0	0	0	1
PL.13941	PL.13940	A	#1/0 ACSR	7.24Y	120.6	0.00	4.41	0.62	0	4	1	97	0.00	0.0	8.611	0.053	0	0	0	1
PL.13942	PL.13941	A	#1/0 ACSR	7.24Y	120.6	0.00	4.41	0.62	0	4	1	97	0.00	0.0	8.648	0.037	0	0	0	1
PL.13943	PL.13942	A	#1/0 ACSR	7.24Y	120.6	0.00	4.42	0.62	0	4	1	97	0.00	0.0	8.700	0.052	0	0	0	1
PL.13944	PL.13943	A	#1/0 ACSR	7.24Y	120.6	0.00	4.42	0.62	0	4	1	97	0.00	0.0	8.734	0.034	4	1	1	1
PL.13945	PL.13944	A	#1/0 ACSR	7.24Y	120.6	0.00	4.42	0.00	0	0	0	100	0.00	0.0	8.770	0.035	0	0	0	0
PL.13946	PL.13945	A	#1/0 ACSR	7.24Y	120.6	0.00	4.42	0.00	0	0	0	100	0.00	0.0	8.809	0.039	0	0	0	0
PL.13947	PL.13946	A	#1/0 ACSR	7.24Y	120.6	0.00	4.42	0.00	0	0	0	100	0.00	0.0	8.837	0.028	0	0	0	0
PL.13290	PL.13289	ABC	#1/0 ACSR	7.23Y	120.6	0.02	4.43	11.85	5	247	72	96	0.04	0.0	8.418	0.103	6	2	3	88
PL.14198	PL.13290	A	#2 ACSR	7.23Y	120.6	0.00	4.43	1.03	1	7	2	96	0.00	0.0	8.422	0.004	0	0	0	1
PD.2171	PL.14198	A	20T	7.23Y	120.6	0.00	4.43	1.03	0	7	2	96	0.00	0.0	8.422	0.004	0	0	0	1
PL.14199	PD.2171	A	#2 ACSR	7.23Y	120.6	0.00	4.43	1.03	1	7	2	96	0.00	0.0	8.449	0.027	7	2	1	1
PL.13948	PL.13290	ABC	#1/0 ACSR	7.23Y	120.6	0.02	4.45	11.23	5	234	69	96	0.02	0.0	8.492	0.074	0	0	0	84
PL.13949	PL.13948	ABC	#1/0 ACSR	7.23Y	120.5	0.01	4.46	10.83	5	226	66	96	0.02	0.0	8.559	0.068	0	0	0	81
PL.13950	PL.13949	ABC	#1/0 ACSR	7.23Y	120.5	0.02	4.48	10.74	5	224	66	96	0.04	0.0	8.681	0.122	0	0	1	79
PL.13952	PL.13950	ABC	#1/0 ACSR	7.23Y	120.5	0.01	4.50	10.72	5	223	65	96	0.02	0.0	8.746	0.065	0	0	0	78
PL.13955	PL.13952	ABC	#1/0 ACSR	7.23Y	120.5	0.01	4.51	9.73	4	203	59	96	0.02	0.0	8.828	0.082	8	2	2	67
PL.14200	PL.13955	C	#2 ACSR	7.23Y	120.5	0.00	4.51	0.57	0	4	1	97	0.00	0.0	8.833	0.005	0	0	0	2

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.2172	PL.14200	C	20T	7.23Y	120.5	0.00	4.51	0.57	0	4	1	97	0.00	0.0	8.833	0.005	0	0	0	2
PL.14201	PD.2172	C	#2 ACSR	7.23Y	120.5	0.00	4.51	0.57	0	4	1	97	0.00	0.0	8.894	0.061	4	1	2	2
PL.13956	PL.13955	ABC	#1/0 ACSR	7.23Y	120.5	0.02	4.53	9.14	4	190	56	96	0.02	0.0	8.926	0.098	5	1	1	63
PL.13968	PL.13956	ABC	#1/0 ACSR	7.23Y	120.5	0.01	4.53	8.92	4	186	54	96	0.01	0.0	8.965	0.039	0	0	0	62
PL.13969	PL.13968	ABC	#1/0 ACSR	7.23Y	120.5	0.01	4.54	8.92	4	186	54	96	0.02	0.0	9.040	0.074	3	1	1	62
PL.14203	PL.13969	C	6 A (CWC)	7.23Y	120.5	0.00	4.54	2.36	2	16	5	95	0.00	0.0	9.044	0.005	0	0	0	7
PD.2173	PL.14203	C	20T	7.23Y	120.5	0.00	4.54	2.36	0	16	5	95	0.00	0.0	9.044	0.005	0	0	0	7
PL.14202	PD.2173	C	6 A (CWC)	7.23Y	120.4	0.01	4.55	2.36	2	16	5	95	0.00	0.0	9.105	0.061	1	0	1	7
PL.13307	PL.14202	C	6 A (CWC)	7.23Y	120.4	0.00	4.55	2.17	2	15	4	97	0.00	0.0	9.135	0.030	0	0	1	6
PL.13308	PL.13307	C	6 A (CWC)	7.23Y	120.4	0.00	4.56	2.16	2	15	4	97	0.00	0.0	9.183	0.048	3	1	1	5
PL.13967	PL.13308	C	#2 ACSR	7.23Y	120.4	0.00	4.56	0.50	0	3	1	95	0.00	0.0	9.235	0.052	3	1	1	1
PL.13970	PL.13308	C	6 A (CWC)	7.23Y	120.4	0.00	4.56	1.27	1	9	3	95	0.00	0.0	9.241	0.058	0	0	0	3
PL.13971	PL.13970	C	#2 ACSR	7.23Y	120.4	0.00	4.56	1.27	1	9	3	95	0.00	0.0	9.295	0.055	3	1	1	3
PL.13972	PL.13971	C	#1/0 ACSR	7.23Y	120.4	0.00	4.56	0.85	0	6	2	95	0.00	0.0	9.336	0.041	0	0	1	2
PL.13973	PL.13972	C	#1/0 ACSR	7.23Y	120.4	0.00	4.57	0.81	0	6	2	95	0.00	0.0	9.394	0.058	0	0	0	1
PL.13974	PL.13973	C	#1/0 ACSR	7.23Y	120.4	0.00	4.57	0.81	0	6	2	95	0.00	0.0	9.442	0.048	6	2	1	1
PL.13975	PL.13969	ABC	#1/0 ACSR	7.23Y	120.4	0.01	4.56	7.88	3	164	48	96	0.01	0.0	9.119	0.079	0	0	0	52
PL.14206	PL.13975	C	#2 ACSR	7.23Y	120.4	0.00	4.56	0.91	1	6	2	95	0.00	0.0	9.124	0.005	0	0	0	1
PD.2175	PL.14206	C	20T	7.23Y	120.4	0.00	4.56	0.91	0	6	2	95	0.00	0.0	9.124	0.005	0	0	0	1
PL.14207	PD.2175	C	#2 ACSR	7.23Y	120.4	0.00	4.56	0.91	1	6	2	95	0.00	0.0	9.169	0.045	6	2	1	1
PL.13978	PL.13975	ABC	#1/0 ACSR	7.23Y	120.4	0.01	4.57	7.57	3	158	46	96	0.01	0.0	9.207	0.088	22	6	5	51
PL.13981	PL.13978	ABC	#1/0 ACSR	7.23Y	120.4	0.01	4.58	5.96	3	124	36	96	0.01	0.0	9.311	0.104	0	0	0	43
PL.14220	PL.13981	A	6 A (CWC)	7.23Y	120.4	0.00	4.58	4.28	3	30	9	96	0.00	0.0	9.315	0.005	0	0	0	6
PD.2181	PL.14220	A	20T	7.23Y	120.4	0.00	4.58	4.28	0	30	9	96	0.00	0.0	9.315	0.005	0	0	0	6
PL.14221	PD.2181	A	6 A (CWC)	7.22Y	120.4	0.01	4.59	4.28	3	30	9	96	0.00	0.0	9.369	0.054	0	0	0	6
PL.13979	PL.14221	A	6 A (CWC)	7.22Y	120.4	0.00	4.59	4.28	3	30	9	96	0.00	0.0	9.392	0.023	2	1	2	6
PL.13980	PL.13979	A	#2 ACSR	7.22Y	120.4	0.00	4.60	4.00	2	28	8	96	0.00	0.0	9.417	0.024	28	8	4	4
PL.13982	PL.13981	ABC	#1/0 ACSR	7.22Y	120.4	0.01	4.58	4.53	2	94	28	96	0.00	0.0	9.374	0.063	2	1	1	37
PL.14212	PL.13982	C	6 A (CWC)	7.22Y	120.4	0.00	4.58	7.31	5	51	15	96	0.00	0.0	9.378	0.004	0	0	0	18
PL.14213	PL.14212	C	6 A (CWC)	7.22Y	120.4	0.04	4.62	7.31	5	51	15	96	0.01	0.0	9.492	0.114	0	0	0	18
PL.14215	PL.14213	C	6 A (CWC)	7.22Y	120.4	0.00	4.62	7.31	5	51	15	96	0.00	0.0	9.497	0.005	0	0	0	18

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.2178	PL.14215	C	12T	7.22Y	120.4	0.00	4.62	7.31	0	51	15	96	0.00	0.0	9.497	0.005	0	0	0	18
PL.14214	PD.2178	C	6 A (CWC)	7.22Y	120.4	0.01	4.63	7.31	5	51	15	96	0.00	0.0	9.512	0.015	0	0	0	18
PL.14240	PL.14214	C	6 A (CWC)	7.22Y	120.4	0.00	4.63	7.31	5	51	15	96	0.00	0.0	9.517	0.004	0	0	0	18
RG.18	PL.14240	C	76.2 KVA	7.46Y	124.3	-3.88	0.75	7.31	7	51	15	96	percent Boost= 0.00			Tap= 0.0				18
PL.14241	RG.18	C	6 A (CWC)	7.45Y	124.2	0.03	0.78	7.08	5	51	15	96	0.01	0.0	9.602	0.086	0	0	0	18
PL.13983	PL.14241	C	6 A (CWC)	7.45Y	124.2	0.03	0.81	7.08	5	51	15	96	0.01	0.0	9.701	0.098	0	0	0	18
PL.13988	PL.13983	C	6 A (CWC)	7.45Y	124.2	0.03	0.84	7.08	5	51	15	96	0.01	0.0	9.799	0.098	0	0	0	18
PL.13987	PL.13988	C	#2 ACSR	7.45Y	124.2	0.00	0.84	0.44	0	3	1	95	0.00	0.0	9.862	0.063	0	0	0	3
PL.13986	PL.13987	C	#2 ACSR	7.45Y	124.2	0.00	0.84	0.44	0	3	1	95	0.00	0.0	9.956	0.094	0	0	1	3
PL.13985	PL.13986	C	#2 ACSR	7.45Y	124.2	0.00	0.84	0.43	0	3	1	95	0.00	0.0	9.992	0.036	0	0	0	2
PL.13984	PL.13985	C	#2 ACSR	7.45Y	124.2	0.00	0.84	0.43	0	3	1	95	0.00	0.0	10.032	0.040	3	1	2	2
PL.13989	PL.13988	C	6 A (CWC)	7.45Y	124.1	0.05	0.89	6.64	5	47	14	96	0.02	0.0	9.979	0.180	12	3	3	15
PL.13990	PL.13989	C	6 A (CWC)	7.45Y	124.1	0.03	0.91	5.01	4	36	10	96	0.01	0.0	10.089	0.110	0	0	0	12
PL.13991	PL.13990	C	6 A (CWC)	7.44Y	124.1	0.02	0.93	5.01	4	36	10	96	0.01	0.0	10.189	0.100	6	2	1	12
PL.13993	PL.13991	C	6 A (CWC)	7.44Y	124.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	10.236	0.047	0	0	0	0
PL.13994	PL.13993	C	6 A (CWC)	7.44Y	124.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	10.245	0.009	0	0	0	0
PL.13992	PL.13991	C	#2 ACSR	7.44Y	124.1	0.00	0.94	0.53	0	4	1	97	0.00	0.0	10.262	0.073	4	1	1	1
PL.13995	PL.13991	C	6 A (CWC)	7.44Y	124.0	0.03	0.96	3.64	3	26	8	96	0.01	0.0	10.356	0.167	0	0	0	10
PL.13998	PL.13995	C	6 A (CWC)	7.44Y	124.0	0.02	0.98	3.64	3	26	8	96	0.00	0.0	10.463	0.107	2	1	3	10
PL.13999	PL.13998	C	6 A (CWC)	7.44Y	124.0	0.01	0.99	3.38	2	24	7	96	0.00	0.0	10.552	0.089	0	0	0	7
PL.14000	PL.13999	C	6 A (CWC)	7.44Y	124.0	0.02	1.01	3.38	2	24	7	96	0.00	0.0	10.659	0.107	3	1	2	7
PL.14001	PL.14000	C	6 A (CWC)	7.44Y	124.0	0.01	1.02	2.97	2	21	6	96	0.00	0.0	10.768	0.109	0	0	0	5
PL.14002	PL.14001	C	6 A (CWC)	7.44Y	124.0	0.01	1.04	2.97	2	21	6	96	0.00	0.0	10.848	0.080	0	0	0	5
PL.14003	PL.14002	C	6 A (CWC)	7.44Y	124.0	0.01	1.05	2.97	2	21	6	96	0.00	0.0	10.925	0.077	2	0	1	5
PL.14004	PL.14003	C	6 A (CWC)	7.44Y	123.9	0.01	1.06	2.73	2	20	6	96	0.00	0.0	11.015	0.090	0	0	0	4
PL.14005	PL.14004	C	6 A (CWC)	7.44Y	123.9	0.00	1.06	2.73	2	20	6	96	0.00	0.0	11.053	0.038	4	1	1	4
PL.14006	PL.14005	C	6 A (CWC)	7.44Y	123.9	0.01	1.07	2.15	2	15	4	97	0.00	0.0	11.135	0.082	0	0	0	3
PL.14007	PL.14006	C	6 A (CWC)	7.44Y	123.9	0.01	1.08	2.15	2	15	4	97	0.00	0.0	11.212	0.077	0	0	0	3
PL.14012	PL.14007	C	6 A (CWC)	7.44Y	123.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	11.302	0.090	0	0	0	0
PL.14009	PL.14007	C	#1/0 ACSR	7.44Y	123.9	0.00	1.08	0.90	0	6	2	95	0.00	0.0	11.247	0.035	6	2	1	1
PL.14008	PL.14007	C	6 A (CWC)	7.44Y	123.9	0.00	1.08	1.25	1	9	3	95	0.00	0.0	11.252	0.040	5	1	1	2

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.14010	PL.14008	C	6 A (CWC)	7.44Y	123.9	0.00	1.08	0.57	0	4	1	97	0.00	0.0	11.308	0.056	0	0	0	1
PL.14011	PL.14010	C	6 A (CWC)	7.44Y	123.9	0.00	1.08	0.57	0	4	1	97	0.00	0.0	11.420	0.112	0	0	0	1
PL.14084	PL.14011	C	#1/0 ACSR	7.43Y	123.9	0.00	1.08	0.57	0	4	1	97	0.00	0.0	11.514	0.094	4	1	1	1
PL.14085	PL.14011	C	6 A (CWC)	7.44Y	123.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	11.540	0.120	0	0	0	0
PL.14130	PL.14004	C	6 A (CWC)	7.44Y	123.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	11.060	0.045	0	0	0	0
PL.13996	PL.13995	C	#1/0 ACSR	7.44Y	124.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	10.402	0.046	0	0	0	0
PL.13997	PL.13996	C	#1/0 ACSR	7.44Y	124.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	10.449	0.047	0	0	0	0
PL.14228	PL.13982	A	6 A (CWC)	7.22Y	120.4	0.00	4.58	6.01	4	42	12	96	0.00	0.0	9.377	0.003	0	0	0	17
PD.2185	PL.14228	A	35L	7.22Y	120.4	0.00	4.58	6.01	17	42	12	96	0.00	0.0	9.377	0.003	0	0	0	17
PL.14229	PD.2185	A	6 A (CWC)	7.22Y	120.4	0.03	4.62	6.01	4	42	12	96	0.01	0.0	9.490	0.114	0	0	0	17
PL.14086	PL.14229	A	6 A (CWC)	7.22Y	120.4	0.03	4.64	6.01	4	42	12	96	0.01	0.0	9.593	0.103	0	0	1	17
PL.14087	PL.14086	A	6 A (CWC)	7.22Y	120.4	0.01	4.65	2.58	2	18	5	96	0.00	0.0	9.650	0.057	7	2	2	6
PL.14089	PL.14087	A	6 A (CWC)	7.22Y	120.3	0.00	4.65	0.43	0	3	1	95	0.00	0.0	9.704	0.054	0	0	0	1
PL.14123	PL.14089	A	6 A (CWC)	7.22Y	120.3	0.00	4.65	0.43	0	3	1	95	0.00	0.0	9.722	0.018	3	1	1	1
PL.14088	PL.14087	A	6 A (CWC)	7.22Y	120.4	0.00	4.65	1.11	1	8	2	97	0.00	0.0	9.679	0.030	8	2	3	3
PL.14090	PL.14086	A	6 A (CWC)	7.22Y	120.3	0.01	4.65	3.41	2	24	7	96	0.00	0.0	9.652	0.059	0	0	0	10
PL.14091	PL.14090	A	6 A (CWC)	7.22Y	120.3	0.02	4.67	3.41	2	24	7	96	0.00	0.0	9.777	0.125	0	0	0	10
PL.14093	PL.14091	A	6 A (CWC)	7.22Y	120.3	0.02	4.69	2.78	2	19	6	95	0.00	0.0	9.909	0.132	0	0	0	7
PL.14092	PL.14093	A	#1/0 ACSR	7.22Y	120.3	0.00	4.69	1.05	0	7	2	96	0.00	0.0	9.975	0.066	0	0	0	2
PL.14110	PL.14092	A	#1/0 ACSR	7.22Y	120.3	0.00	4.69	1.05	0	7	2	96	0.00	0.0	10.080	0.105	7	2	2	2
PL.14094	PL.14093	A	#1/0 ACSR	7.22Y	120.3	0.00	4.69	0.66	0	5	1	98	0.00	0.0	10.016	0.107	0	0	0	3
PL.14096	PL.14094	A	#1/0 ACSR	7.22Y	120.3	0.00	4.69	0.66	0	5	1	98	0.00	0.0	10.057	0.041	0	0	0	3
PL.14097	PL.14096	A	#1/0 ACSR	7.22Y	120.3	0.00	4.69	0.66	0	5	1	98	0.00	0.0	10.097	0.040	0	0	0	3
PL.14098	PL.14097	A	#1/0 ACSR	7.22Y	120.3	0.00	4.69	0.66	0	5	1	98	0.00	0.0	10.167	0.070	0	0	0	3
PL.14100	PL.14098	A	#1/0 ACSR	7.22Y	120.3	0.00	4.69	0.04	0	0	0	100	0.00	0.0	10.223	0.056	0	0	0	1
PL.14101	PL.14100	A	#1/0 ACSR	7.22Y	120.3	0.00	4.69	0.04	0	0	0	100	0.00	0.0	10.292	0.070	0	0	0	1
PL.14102	PL.14101	A	#1/0 ACSR	7.22Y	120.3	0.00	4.69	0.04	0	0	0	100	0.00	0.0	10.342	0.049	0	0	0	1
PL.14103	PL.14102	A	#1/0 ACSR	7.22Y	120.3	0.00	4.69	0.04	0	0	0	100	0.00	0.0	10.381	0.039	0	0	1	1
PL.14099	PL.14098	A	#1/0 ACSR	7.22Y	120.3	0.00	4.69	0.63	0	4	1	97	0.00	0.0	10.188	0.021	0	0	0	2
PL.14104	PL.14099	A	#1/0 ACSR	7.22Y	120.3	0.00	4.69	0.63	0	4	1	97	0.00	0.0	10.241	0.053	0	0	0	2
PL.14105	PL.14104	A	#1/0 ACSR	7.22Y	120.3	0.00	4.70	0.63	0	4	1	97	0.00	0.0	10.286	0.045	0	0	0	2

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.14106	PL.14105	A	#1/0 ACSR	7.22Y	120.3	0.00	4.70	0.63	0	4	1	97	0.00	0.0	10.341	0.056	0	0	0	2
PL.14107	PL.14106	A	#1/0 ACSR	7.22Y	120.3	0.00	4.70	0.63	0	4	1	97	0.00	0.0	10.408	0.066	4	1	2	2
PL.14108	PL.14093	A	6 A (CWC)	7.22Y	120.3	0.01	4.70	1.07	1	7	2	96	0.00	0.0	10.069	0.160	0	0	0	2
PL.14109	PL.14108	A	#2 ACSR	7.22Y	120.3	0.00	4.70	1.07	1	7	2	96	0.00	0.0	10.127	0.058	7	2	2	2
PL.14129	PL.14091	A	6 A (CWC)	7.22Y	120.3	0.00	4.67	0.63	0	4	1	97	0.00	0.0	9.842	0.065	4	1	3	3
PL.14211	PL.13982	C	#2 ACSR	7.22Y	120.4	0.00	4.58	0.01	0	0	0	100	0.00	0.0	9.378	0.004	0	0	0	1
PD.2177	PL.14211	C	20T	7.22Y	120.4	0.00	4.58	0.01	0	0	0	100	0.00	0.0	9.378	0.004	0	0	0	1
PL.14210	PD.2177	C	#2 ACSR	7.22Y	120.4	0.00	4.58	0.01	0	0	0	100	0.00	0.0	9.490	0.112	0	0	1	1
PL.14208	PL.13978	A	#2 ACSR	7.23Y	120.4	0.00	4.57	1.73	1	12	4	95	0.00	0.0	9.211	0.005	0	0	0	3
PD.2176	PL.14208	A	20T	7.23Y	120.4	0.00	4.57	1.73	0	12	4	95	0.00	0.0	9.211	0.005	0	0	0	3
PL.14209	PD.2176	A	#2 ACSR	7.23Y	120.4	0.00	4.57	1.73	1	12	4	95	0.00	0.0	9.221	0.010	3	1	1	3
PL.13977	PL.14209	A	#2 ACSR	7.23Y	120.4	0.00	4.57	1.37	1	9	3	95	0.00	0.0	9.302	0.080	9	3	1	2
PL.13976	PL.13977	A	#2 ACSR	7.23Y	120.4	0.00	4.57	0.00	0	0	0	100	0.00	0.0	9.386	0.084	0	0	1	1
PL.14204	PL.13969	B	6 A (CWC)	7.23Y	120.5	0.00	4.54	0.32	0	2	1	89	0.00	0.0	9.044	0.005	0	0	0	2
PD.2174	PL.14204	B	20T	7.23Y	120.5	0.00	4.54	0.32	0	2	1	89	0.00	0.0	9.044	0.005	0	0	0	2
PL.14205	PD.2174	B	6 A (CWC)	7.23Y	120.5	0.00	4.54	0.32	0	2	1	89	0.00	0.0	9.088	0.044	2	1	2	2
PL.14148	PL.13952	C	6 A (CWC)	7.23Y	120.5	0.00	4.50	2.97	2	21	6	96	0.00	0.0	8.751	0.005	0	0	0	11
PD.2146	PL.14148	C	20T	7.23Y	120.5	0.00	4.50	2.97	0	21	6	96	0.00	0.0	8.751	0.005	0	0	0	11
PL.14149	PD.2146	C	6 A (CWC)	7.23Y	120.5	0.01	4.51	2.97	2	21	6	96	0.00	0.0	8.838	0.087	3	1	2	11
PL.13953	PL.14149	C	6 A (CWC)	7.23Y	120.5	0.00	4.51	0.00	0	0	0	100	0.00	0.0	8.856	0.019	0	0	0	0
PL.13954	PL.14149	C	6 A (CWC)	7.23Y	120.5	0.01	4.52	2.50	2	17	5	96	0.00	0.0	8.910	0.072	0	0	0	9
PL.13957	PL.13954	C	6 A (CWC)	7.23Y	120.5	0.01	4.52	2.50	2	17	5	96	0.00	0.0	8.974	0.064	1	0	1	9
PL.13958	PL.13957	C	6 A (CWC)	7.23Y	120.5	0.01	4.53	2.43	2	17	5	96	0.00	0.0	9.080	0.106	10	3	3	8
PL.13959	PL.13958	C	6 A (CWC)	7.23Y	120.5	0.00	4.53	1.05	1	7	2	96	0.00	0.0	9.132	0.052	0	0	0	5
PL.13960	PL.13959	C	6 A (CWC)	7.23Y	120.5	0.01	4.54	1.05	1	7	2	96	0.00	0.0	9.297	0.166	0	0	0	5
PL.13962	PL.13960	C	6 A (CWC)	7.23Y	120.5	0.00	4.54	0.04	0	0	0	100	0.00	0.0	9.400	0.103	0	0	1	1
PL.13961	PL.13960	C	6 A (CWC)	7.23Y	120.5	0.00	4.54	1.00	1	7	2	96	0.00	0.0	9.364	0.067	0	0	0	4
PL.13310	PL.13961	C	6 A (CWC)	7.23Y	120.5	0.00	4.55	0.41	0	3	1	95	0.00	0.0	9.437	0.073	0	0	1	3
PL.13309	PL.13310	C	6 A (CWC)	7.23Y	120.5	0.00	4.55	0.40	0	3	1	95	0.00	0.0	9.459	0.022	3	1	2	2
PL.13963	PL.13961	C	6 A (CWC)	7.23Y	120.5	0.00	4.55	0.59	0	4	1	97	0.00	0.0	9.537	0.174	0	0	0	1
PL.13965	PL.13963	C	6 A (CWC)	7.23Y	120.4	0.00	4.55	0.59	0	4	1	97	0.00	0.0	9.628	0.091	0	0	0	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13964	PL.13965	C	#2 ACSR	7.23Y	120.4	0.00	4.55	0.59	0	4	1	97	0.00	0.0	9.700	0.072	4	1	1	1
PL.13966	PL.13965	C	6 A (CWC)	7.23Y	120.4	0.00	4.55	0.00	0	0	0	100	0.00	0.0	9.673	0.045	0	0	0	0
PL.14157	PL.13949	C	#2 ACSR	7.23Y	120.5	0.00	4.46	0.26	0	2	1	89	0.00	0.0	8.564	0.005	0	0	0	2
PD.2151	PL.14157	C	20T	7.23Y	120.5	0.00	4.46	0.26	0	2	1	89	0.00	0.0	8.564	0.005	0	0	0	2
PL.14156	PD.2151	C	#2 ACSR	7.23Y	120.5	0.00	4.46	0.26	0	2	1	89	0.00	0.0	8.638	0.074	1	0	1	2
PL.13951	PL.14156	C	#1/0 ACSR	7.23Y	120.5	0.00	4.46	0.10	0	1	0	100	0.00	0.0	8.655	0.017	1	0	1	1
PL.14150	PL.13948	C	#2 ACSR	7.23Y	120.6	0.00	4.45	1.21	1	8	2	97	0.00	0.0	8.496	0.005	0	0	0	3
PD.2147	PL.14150	C	20T	7.23Y	120.6	0.00	4.45	1.21	0	8	2	97	0.00	0.0	8.496	0.005	0	0	0	3
PL.14151	PD.2147	C	#2 ACSR	7.23Y	120.6	0.00	4.45	1.21	1	8	2	97	0.00	0.0	8.536	0.040	8	2	3	3
PL.13923	PL.13922	C	#2 ACSR	7.24Y	120.7	0.00	4.28	3.44	2	24	7	96	0.00	0.0	7.821	0.004	0	0	0	5
PD.2148	PL.13923	C	20T	7.24Y	120.7	0.00	4.28	3.44	0	24	7	96	0.00	0.0	7.821	0.004	0	0	0	5
PL.13293	PD.2148	C	6 A (CWC)	7.24Y	120.7	0.00	4.28	1.87	1	13	4	96	0.00	0.0	7.824	0.003	0	0	0	3
PL.13294	PL.13293	C	6 A (CWC)	7.24Y	120.7	0.00	4.28	1.87	1	13	4	96	0.00	0.0	7.824	0.000	0	0	0	3
PL.13924	PL.13294	C	6 A (CWC)	7.24Y	120.7	0.01	4.29	1.87	1	13	4	96	0.00	0.0	7.918	0.094	0	0	0	3
PL.13925	PL.13924	C	6 A (CWC)	7.24Y	120.7	0.01	4.30	1.87	1	13	4	96	0.00	0.0	8.030	0.112	0	0	0	3
PL.13926	PL.13925	C	6 A (CWC)	7.24Y	120.7	0.00	4.30	1.87	1	13	4	96	0.00	0.0	8.107	0.077	8	2	1	3
PL.13927	PL.13926	C	6 A (CWC)	7.24Y	120.7	0.00	4.30	0.68	0	5	1	98	0.00	0.0	8.145	0.038	4	1	1	2
PL.13928	PL.13927	C	6 A (CWC)	7.24Y	120.7	0.00	4.30	0.08	0	1	0	100	0.00	0.0	8.184	0.039	0	0	0	1
PL.13929	PL.13928	C	6 A (CWC)	7.24Y	120.7	0.00	4.30	0.08	0	1	0	100	0.00	0.0	8.244	0.060	1	0	1	1
PL.13295	PD.2148	C	6 A (CWC)	7.24Y	120.7	0.00	4.28	0.59	0	4	1	97	0.00	0.0	7.825	0.005	0	0	0	1
PL.13296	PL.13295	C	6 A (CWC)	7.24Y	120.7	0.00	4.28	0.59	0	4	1	97	0.00	0.0	7.826	0.000	0	0	0	1
PL.14122	PL.13296	C	6 A (CWC)	7.24Y	120.7	0.00	4.28	0.59	0	4	1	97	0.00	0.0	7.889	0.063	4	1	1	1
PL.14128	PD.2148	C	#2 ACSR	7.24Y	120.7	0.00	4.28	0.98	1	7	2	96	0.00	0.0	7.835	0.014	7	2	1	1
PL.13328	PL.13276	A	6 A (CWC)	7.27Y	121.1	0.00	3.91	0.12	0	1	0	100	0.00	0.0	6.689	0.005	0	0	0	1
PD.2291	PL.13328	A	20T	7.27Y	121.1	0.00	3.91	0.12	0	1	0	100	0.00	0.0	6.689	0.005	0	0	0	1
PL.13329	PD.2291	A	6 A (CWC)	7.27Y	121.1	0.00	3.91	0.12	0	1	0	100	0.00	0.0	6.741	0.052	1	0	1	1
PL.14218	PL.13263	C	6 A (CWC)	7.27Y	121.2	0.00	3.81	0.34	0	2	1	89	0.00	0.0	6.411	0.005	0	0	0	1
PD.2180	PL.14218	C	20T	7.27Y	121.2	0.00	3.81	0.34	0	2	1	89	0.00	0.0	6.411	0.005	0	0	0	1
PL.14219	PD.2180	C	6 A (CWC)	7.27Y	121.2	0.00	3.81	0.34	0	2	1	89	0.00	0.0	6.484	0.073	0	0	0	1
PL.13265	PL.14219	C	6 A (CWC)	7.27Y	121.2	0.00	3.81	0.34	0	2	1	89	0.00	0.0	6.672	0.188	0	0	0	1
PL.13301	PL.13265	C	6 A (CWC)	7.27Y	121.2	0.00	3.81	0.34	0	2	1	89	0.00	0.0	6.755	0.083	2	1	1	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13302	PL.13301	C	6 A (CWC)	7.27Y	121.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	6.853	0.098	0	0	0	0
PL.13266	PL.13302	C	#2 ACSR	7.27Y	121.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	6.877	0.024	0	0	0	0
PL.13267	PL.13266	C	#2 ACSR	7.27Y	121.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	6.902	0.025	0	0	0	0
PL.14134	PL.13261	A	#4 ACSR	7.27Y	121.2	0.00	3.78	1.70	1	12	3	97	0.00	0.0	6.345	0.005	0	0	0	3
PD.2139	PL.14134	A	20T	7.27Y	121.2	0.00	3.78	1.70	0	12	3	97	0.00	0.0	6.345	0.005	0	0	0	3
PL.14135	PD.2139	A	#4 ACSR	7.27Y	121.2	0.00	3.78	1.70	1	12	3	97	0.00	0.0	6.363	0.018	0	0	0	3
PL.13262	PL.14135	A	#4 ACSR	7.27Y	121.2	0.00	3.79	1.70	1	12	3	97	0.00	0.0	6.411	0.048	0	0	0	3
PL.13268	PL.13262	A	#4 ACSR	7.27Y	121.2	0.01	3.79	1.70	1	12	3	97	0.00	0.0	6.507	0.096	0	0	0	3
PL.13269	PL.13268	A	#4 ACSR	7.27Y	121.2	0.00	3.80	1.70	1	12	3	97	0.00	0.0	6.555	0.048	0	0	0	3
PL.13270	PL.13269	A	#4 ACSR	7.27Y	121.2	0.00	3.80	1.70	1	12	3	97	0.00	0.0	6.598	0.043	0	0	0	3
PL.13272	PL.13270	A	#4 ACSR	7.27Y	121.2	0.00	3.80	1.17	1	8	2	97	0.00	0.0	6.690	0.092	8	2	2	2
PL.13271	PL.13270	A	#4 ACSR	7.27Y	121.2	0.00	3.80	0.53	0	4	1	97	0.00	0.0	6.626	0.027	0	0	0	1
PL.13273	PL.13271	A	#4 ACSR	7.27Y	121.2	0.00	3.80	0.53	0	4	1	97	0.00	0.0	6.690	0.064	4	1	1	1
PL.13274	PL.13273	A	#4 ACSR	7.27Y	121.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	6.759	0.069	0	0	0	0
PL.14190	PL.14133	C	6 A (CWC)	7.30Y	121.6	0.00	3.42	0.41	0	3	1	95	0.00	0.0	5.438	0.004	0	0	0	1
PD.2167	PL.14190	C	30T	7.30Y	121.6	0.00	3.42	0.41	0	3	1	95	0.00	0.0	5.438	0.004	0	0	0	1
PL.14191	PD.2167	C	6 A (CWC)	7.30Y	121.6	0.00	3.42	0.41	0	3	1	95	0.00	0.0	5.444	0.006	0	0	0	1
PL.13253	PL.14191	C	6 A (CWC)	7.30Y	121.6	0.00	3.42	0.41	0	3	1	95	0.00	0.0	5.484	0.039	3	1	1	1
PL.14188	PL.13248	A	6 A (CWC)	7.31Y	121.8	0.00	3.22	0.35	0	2	1	89	0.00	0.0	4.978	0.005	0	0	0	1
PD.2166	PL.14188	A	30T	7.31Y	121.8	0.00	3.22	0.35	0	2	1	89	0.00	0.0	4.978	0.005	0	0	0	1
PL.14189	PD.2166	A	6 A (CWC)	7.31Y	121.8	0.00	3.22	0.35	0	2	1	89	0.00	0.0	5.010	0.032	0	0	0	1
PL.13249	PL.14189	A	6 A (CWC)	7.31Y	121.8	0.00	3.22	0.35	0	2	1	89	0.00	0.0	5.037	0.027	2	1	1	1
PL.14158	PL.14065	A	#4 ACSR	7.34Y	122.3	0.00	2.68	0.81	1	6	2	95	0.00	0.0	3.749	0.005	0	0	0	2
PD.2152	PL.14158	A	30T	7.34Y	122.3	0.00	2.68	0.81	0	6	2	95	0.00	0.0	3.749	0.005	0	0	0	2
PL.14159	PD.2152	A	#4 ACSR	7.34Y	122.3	0.00	2.68	0.81	1	6	2	95	0.00	0.0	3.792	0.043	6	2	2	2
PL.14216	PL.14062	C	#4 ACSR	7.35Y	122.4	0.00	2.56	0.65	0	5	1	98	0.00	0.0	3.492	0.005	0	0	0	2
PD.2179	PL.14216	C	30T	7.35Y	122.4	0.00	2.56	0.65	0	5	1	98	0.00	0.0	3.492	0.005	0	0	0	2
PL.14217	PD.2179	C	#4 ACSR	7.35Y	122.4	0.00	2.56	0.65	0	5	1	98	0.00	0.0	3.543	0.051	5	1	2	2
CP.23	PL.14238	ABC	Cap (900)	7.36Y	122.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	3.140	0.051	0	0	0	0
PL.14224	PL.13765	B	6 A (CWC)	7.42Y	123.7	0.00	1.27	7.58	5	54	16	96	0.00	0.0	1.489	0.003	0	0	0	10
PD.2183	PL.14224	B	50L	7.42Y	123.7	0.00	1.27	7.58	15	54	16	96	0.00	0.0	1.489	0.003	0	0	0	10

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.14225	PD.2183	B	6 A (CWC)	7.42Y	123.7	0.04	1.30	7.58	5	54	16	96	0.01	0.0	1.593	0.104	0	0	0	10
PL.14013	PL.14225	B	6 A (CWC)	7.42Y	123.7	0.03	1.34	6.93	5	49	14	96	0.01	0.0	1.700	0.106	0	0	0	9
PL.14023	PL.14013	B	6 A (CWC)	7.42Y	123.6	0.03	1.37	6.93	5	49	14	96	0.01	0.0	1.808	0.108	0	0	0	9
PL.14024	PL.14023	B	6 A (CWC)	7.42Y	123.6	0.03	1.40	6.93	5	49	14	96	0.01	0.0	1.889	0.081	0	0	0	9
PL.14025	PL.14024	B	#2 ACSR	7.42Y	123.6	0.00	1.40	2.98	2	21	6	96	0.00	0.0	1.913	0.023	0	0	0	3
PL.14026	PL.14025	B	#2 ACSR	7.42Y	123.6	0.01	1.41	2.98	2	21	6	96	0.00	0.0	2.052	0.139	0	0	0	3
PL.13316	PL.14026	B	#2 ACSR	7.42Y	123.6	0.00	1.41	1.95	1	14	4	96	0.00	0.0	2.100	0.048	6	2	1	2
PL.13317	PL.13316	B	#2 ACSR	7.42Y	123.6	0.00	1.42	1.16	1	8	2	97	0.00	0.0	2.126	0.026	0	0	0	1
PL.13315	PL.13317	B	#2 ACSR	7.42Y	123.6	0.00	1.42	1.16	1	8	2	97	0.00	0.0	2.163	0.038	8	2	1	1
PL.14027	PL.14026	B	#2 ACSR	7.42Y	123.6	0.00	1.41	1.03	1	7	2	96	0.00	0.0	2.096	0.044	7	2	1	1
PL.14028	PL.14024	B	6 A (CWC)	7.41Y	123.6	0.02	1.42	3.95	3	28	8	96	0.00	0.0	2.036	0.147	4	1	1	6
PL.14029	PL.14028	B	6 A (CWC)	7.41Y	123.6	0.01	1.43	3.32	2	24	7	96	0.00	0.0	2.095	0.059	0	0	0	5
PL.14030	PL.14029	B	6 A (CWC)	7.41Y	123.6	0.01	1.44	3.32	2	24	7	96	0.00	0.0	2.170	0.075	7	2	1	5
PL.14031	PL.14030	B	6 A (CWC)	7.41Y	123.6	0.01	1.45	2.37	2	17	5	96	0.00	0.0	2.255	0.085	5	1	1	4
PL.14032	PL.14031	B	6 A (CWC)	7.41Y	123.5	0.00	1.45	1.66	1	12	3	97	0.00	0.0	2.318	0.062	8	2	2	3
PL.14033	PL.14032	B	6 A (CWC)	7.41Y	123.5	0.00	1.45	0.59	0	4	1	97	0.00	0.0	2.449	0.132	4	1	1	1
PL.13767	PL.14225	B	6 A (CWC)	7.42Y	123.7	0.00	1.30	0.65	0	5	1	98	0.00	0.0	1.713	0.120	5	1	1	1
PL.14172	PL.13314	C	#2 ACSR	7.43Y	123.8	0.00	1.19	0.62	0	4	1	97	0.00	0.0	1.398	0.005	0	0	0	1
PD.2159	PL.14172	C	50T	7.43Y	123.8	0.00	1.19	0.62	0	4	1	97	0.00	0.0	1.398	0.005	0	0	0	1
PL.14173	PD.2159	C	#2 ACSR	7.43Y	123.8	0.00	1.19	0.62	0	4	1	97	0.00	0.0	1.441	0.043	4	1	1	1
PL.14180	PL.14179	A	#2 ACSR	7.43Y	123.9	0.00	1.09	0.15	0	1	0	100	0.00	0.0	1.276	0.005	0	0	0	1
PD.2162	PL.14180	A	50T	7.43Y	123.9	0.00	1.09	0.15	0	1	0	100	0.00	0.0	1.276	0.005	0	0	0	1
PL.14181	PD.2162	A	#2 ACSR	7.43Y	123.9	0.00	1.09	0.15	0	1	0	100	0.00	0.0	1.325	0.049	1	0	1	1
PL.13757	PL.13756	A	#2 ACSR	7.44Y	124.1	0.01	0.95	4.96	3	35	10	96	0.00	0.0	1.158	0.077	12	3	3	11
PL.14174	PL.13757	A	#2 ACSR	7.44Y	124.1	0.00	0.95	3.34	2	24	7	96	0.00	0.0	1.162	0.004	0	0	0	8
PD.2160	PL.14174	A	50T	7.44Y	124.1	0.00	0.95	3.34	0	24	7	96	0.00	0.0	1.162	0.004	0	0	0	8
PL.14175	PD.2160	A	#2 ACSR	7.44Y	124.0	0.00	0.95	3.34	2	24	7	96	0.00	0.0	1.195	0.032	0	0	0	8
PL.13758	PL.14175	A	#2 ACSR	7.44Y	124.0	0.00	0.95	3.34	2	24	7	96	0.00	0.0	1.202	0.007	0	0	0	6
PL.13760	PL.13758	A	#2 ACSR	7.44Y	124.0	0.00	0.95	3.34	2	24	7	96	0.00	0.0	1.222	0.020	6	2	3	6
PL.13761	PL.13760	A	#2 ACSR	7.44Y	124.0	0.00	0.96	2.55	1	18	5	96	0.00	0.0	1.334	0.111	18	5	3	3
PL.13759	PL.14175	A	#2 ACSR	7.44Y	124.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	1.226	0.032	0	0	0	2

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13762	PL.13759	A	#2 ACSR	7.44Y	124.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	1.311	0.084	0	0	2	2
PL.13763	PL.13759	A	#1/0 ACSR	7.44Y	124.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	1.282	0.056	0	0	0	0
PL.14176	PL.14124	C	#2 ACSR	7.46Y	124.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	0.831	0.005	0	0	0	0
PD.2161	PL.14176	C	50T	7.46Y	124.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	0.831	0.005	0	0	0	0
PL.14177	PD.2161	C	#2 ACSR	7.46Y	124.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	0.886	0.055	0	0	0	0
PL.13754	PL.14177	C	#2 ACSR	7.46Y	124.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	0.923	0.037	0	0	0	0
PL.12514	South Fork	ABC	336 MCM AC	7.50Y	125.0	0.00	0.00	11.35	2	245	73	96	0.00	0.0	0.003	0.003	0	0	0	81
PL.72575	PL.12514	ABC	336 MCM AC	7.50Y	125.0	0.00	0.00	11.35	2	245	73	96	0.00	0.0	0.005	0.002	0	0	0	81
---------- Feeder No. 4 (White Oak F4) Beginning with Device PD.11214 ----------																				
PD.11214	PL.72575	ABC	300VWE	7.50Y	125.0	0.00	0.00	11.35	0	245	73	96	0.00	0.0	0.005	0.002	0	0	0	81
PL.12515	PD.11214	ABC	336 MCM AC	7.50Y	125.0	0.00	0.00	11.35	2	245	73	96	0.00	0.0	0.009	0.005	0	0	0	81
PL.12144	PL.12515	ABC	336 MCM AC	7.50Y	125.0	0.00	0.00	11.35	2	245	73	96	0.00	0.0	0.041	0.032	5	1	2	81
PL.12145	PL.12144	ABC	336 MCM AC	7.50Y	125.0	0.01	0.01	11.14	2	240	71	96	0.01	0.0	0.122	0.081	0	0	0	79
PL.12146	PL.12145	ABC	336 MCM AC	7.50Y	125.0	0.00	0.01	11.14	2	240	71	96	0.00	0.0	0.166	0.044	0	0	0	79
PL.12147	PL.12146	ABC	336 MCM AC	7.50Y	125.0	0.00	0.02	11.14	2	240	71	96	0.01	0.0	0.222	0.056	0	0	0	79
PL.12148	PL.12147	ABC	336 MCM AC	7.50Y	125.0	0.00	0.02	11.14	2	240	71	96	0.01	0.0	0.270	0.049	0	0	0	79
PL.12149	PL.12148	ABC	336 MCM AC	7.50Y	125.0	0.01	0.03	11.14	2	240	71	96	0.01	0.0	0.354	0.084	0	0	0	79
PL.12150	PL.12149	ABC	336 MCM AC	7.50Y	125.0	0.01	0.04	11.14	2	240	71	96	0.01	0.0	0.435	0.080	0	0	0	79
PL.12151	PL.12150	ABC	336 MCM AC	7.50Y	125.0	0.00	0.04	11.14	2	240	71	96	0.00	0.0	0.465	0.030	0	0	0	79
PL.12152	PL.12151	ABC	336 MCM AC	7.50Y	125.0	0.01	0.04	11.14	2	240	71	96	0.01	0.0	0.530	0.065	0	0	0	79
PL.12153	PL.12152	ABC	336 MCM AC	7.50Y	124.9	0.01	0.06	11.14	2	240	71	96	0.02	0.0	0.690	0.160	0	0	0	79
PL.12154	PL.12153	ABC	336 MCM AC	7.50Y	124.9	0.00	0.06	11.14	2	240	71	96	0.00	0.0	0.737	0.047	0	0	0	79
PL.12155	PL.12154	ABC	336 MCM AC	7.50Y	124.9	0.00	0.07	11.14	2	240	71	96	0.01	0.0	0.791	0.054	0	0	0	79
PL.12156	PL.12155	ABC	336 MCM AC	7.50Y	124.9	0.01	0.07	11.14	2	240	71	96	0.01	0.0	0.855	0.064	0	0	0	79
PL.12157	PL.12156	ABC	336 MCM AC	7.50Y	124.9	0.00	0.08	11.14	2	240	71	96	0.01	0.0	0.911	0.056	0	0	0	79
PL.12158	PL.12157	ABC	336 MCM AC	7.50Y	124.9	0.00	0.08	11.14	2	240	71	96	0.01	0.0	0.967	0.056	3	1	1	79
PL.12159	PL.12158	ABC	336 MCM AC	7.49Y	124.9	0.00	0.09	11.02	2	238	70	96	0.01	0.0	1.022	0.055	2	1	1	78
PL.12160	PL.12159	ABC	336 MCM AC	7.49Y	124.9	0.01	0.09	10.94	2	236	70	96	0.01	0.0	1.098	0.076	0	0	0	77
PL.12161	PL.12160	ABC	336 MCM AC	7.49Y	124.9	0.00	0.10	10.94	2	236	70	96	0.01	0.0	1.148	0.050	0	0	0	77

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Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12162	PL.12161	ABC	336 MCM AC	7.49Y	124.9	0.01	0.10	10.67	2	230	68	96	0.01	0.0	1.220	0.072	0	0	0	76
PL.12163	PL.12162	ABC	336 MCM AC	7.49Y	124.9	0.00	0.11	10.67	2	230	68	96	0.00	0.0	1.251	0.031	0	0	0	76
PL.12333	PL.12163	ABC	336 MCM AC	7.49Y	124.9	0.00	0.11	10.67	2	230	68	96	0.00	0.0	1.288	0.037	0	0	0	76
PL.12398	PL.12333	A	#2 ACSR	7.49Y	124.9	0.00	0.11	1.01	1	7	2	96	0.00	0.0	1.293	0.005	0	0	0	4
PD.2115	PL.12398	A	65T	7.49Y	124.9	0.00	0.11	1.01	0	7	2	96	0.00	0.0	1.293	0.005	0	0	0	4
PL.12399	PD.2115	A	#4 ACSR	7.49Y	124.9	0.00	0.11	1.01	1	7	2	96	0.00	0.0	1.350	0.057	2	1	2	4
PL.12358	PL.12399	A	#2 ACSR	7.49Y	124.9	0.00	0.11	0.72	0	5	2	93	0.00	0.0	1.373	0.023	0	0	0	1
PL.12164	PL.12358	A	#2 ACSR	7.49Y	124.9	0.00	0.11	0.72	0	5	2	93	0.00	0.0	1.402	0.029	5	2	1	1
PL.12165	PL.12164	A	#2 ACSR	7.49Y	124.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	1.458	0.056	0	0	0	0
PL.32637	PL.12399	A	#1/0 ACSR	7.49Y	124.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	1.400	0.050	0	0	1	1
PL.12340	PL.12333	ABC	336 MCM AC	7.49Y	124.9	0.00	0.11	10.33	2	223	66	96	0.00	0.0	1.340	0.052	0	0	0	72
PL.12166	PL.12340	ABC	336 MCM AC	7.49Y	124.9	0.01	0.12	10.33	2	223	66	96	0.01	0.0	1.487	0.147	0	0	0	72
PL.12167	PL.12166	ABC	336 MCM AC	7.49Y	124.9	0.01	0.13	10.16	2	219	65	96	0.01	0.0	1.571	0.083	0	0	0	70
PL.12168	PL.12167	ABC	336 MCM AC	7.49Y	124.9	0.01	0.14	10.16	2	219	65	96	0.01	0.0	1.650	0.080	0	0	0	70
PL.12169	PL.12168	ABC	336 MCM AC	7.49Y	124.9	0.01	0.14	10.16	2	219	65	96	0.01	0.0	1.729	0.079	0	0	0	70
PL.12170	PL.12169	ABC	336 MCM AC	7.49Y	124.9	0.00	0.15	10.16	2	219	65	96	0.00	0.0	1.772	0.042	0	0	0	70
PL.12171	PL.12170	ABC	336 MCM AC	7.49Y	124.8	0.00	0.15	10.16	2	219	65	96	0.00	0.0	1.827	0.055	0	0	0	70
PL.12172	PL.12171	ABC	336 MCM AC	7.49Y	124.8	0.01	0.16	10.16	2	219	65	96	0.01	0.0	1.905	0.078	0	0	0	70
PL.12173	PL.12172	ABC	336 MCM AC	7.49Y	124.8	0.01	0.17	10.16	2	219	65	96	0.01	0.0	2.050	0.145	4	1	2	70
PL.12174	PL.12173	ABC	336 MCM AC	7.49Y	124.8	0.01	0.17	9.97	2	215	63	96	0.01	0.0	2.140	0.090	2	1	2	68
PL.12175	PL.12174	ABC	336 MCM AC	7.49Y	124.8	0.00	0.18	9.88	2	213	63	96	0.00	0.0	2.181	0.041	0	0	0	66
PL.12374	PL.12175	A	6 A (CWC)	7.49Y	124.8	0.00	0.18	1.03	1	7	2	96	0.00	0.0	2.186	0.005	0	0	0	4
PD.2102	PL.12374	A	65T	7.49Y	124.8	0.00	0.18	1.03	0	7	2	96	0.00	0.0	2.186	0.005	0	0	0	4
PL.12375	PD.2102	A	6 A (CWC)	7.49Y	124.8	0.00	0.18	1.03	1	7	2	96	0.00	0.0	2.216	0.031	0	0	0	4
PL.12176	PL.12375	A	6 A (CWC)	7.49Y	124.8	0.00	0.18	1.03	1	7	2	96	0.00	0.0	2.263	0.047	0	0	0	4
PL.12177	PL.12176	A	6 A (CWC)	7.49Y	124.8	0.00	0.19	1.03	1	7	2	96	0.00	0.0	2.364	0.100	0	0	0	4
PL.12178	PL.12177	A	6 A (CWC)	7.49Y	124.8	0.00	0.19	1.03	1	7	2	96	0.00	0.0	2.442	0.079	0	0	0	4
PL.12179	PL.12178	A	6 A (CWC)	7.49Y	124.8	0.00	0.19	1.03	1	7	2	96	0.00	0.0	2.514	0.072	1	0	1	4
PL.12180	PL.12179	A	6 A (CWC)	7.49Y	124.8	0.00	0.20	0.91	1	7	2	96	0.00	0.0	2.613	0.099	2	1	1	3
PL.12181	PL.12180	A	6 A (CWC)	7.49Y	124.8	0.00	0.20	0.58	0	4	1	97	0.00	0.0	2.725	0.112	4	1	2	2
PL.12182	PL.12175	ABC	336 MCM AC	7.49Y	124.8	0.01	0.19	9.54	2	205	61	96	0.01	0.0	2.328	0.147	0	0	0	62

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: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12341	PL.12182	ABC	336 MCM AC	7.49Y	124.8	0.01	0.20	9.54	2	205	61	96	0.01	0.0	2.445	0.117	0	0	0	62
PL.12342	PL.12341	ABC	336 MCM AC	7.49Y	124.8	0.01	0.20	9.54	2	205	61	96	0.01	0.0	2.568	0.124	0	0	0	62
PL.12183	PL.12342	ABC	336 MCM AC	7.49Y	124.8	0.00	0.21	9.54	2	205	61	96	0.00	0.0	2.624	0.055	0	0	0	62
PL.12184	PL.12183	ABC	336 MCM AC	7.49Y	124.8	0.00	0.21	9.54	2	205	61	96	0.00	0.0	2.689	0.065	0	0	0	62
PL.12185	PL.12184	ABC	336 MCM AC	7.49Y	124.8	0.00	0.22	9.54	2	205	61	96	0.00	0.0	2.725	0.036	1	0	1	62
PL.12186	PL.12185	ABC	336 MCM AC	7.49Y	124.8	0.01	0.22	9.47	2	204	60	96	0.01	0.0	2.797	0.072	0	0	0	61
PL.12187	PL.12186	ABC	336 MCM AC	7.49Y	124.8	0.00	0.22	9.47	2	204	60	96	0.00	0.0	2.834	0.037	0	0	0	61
PL.12188	PL.12187	ABC	336 MCM AC	7.49Y	124.8	0.00	0.23	9.47	2	204	60	96	0.00	0.0	2.894	0.060	0	0	0	61
PL.12189	PL.12188	ABC	336 MCM AC	7.49Y	124.8	0.00	0.23	9.47	2	204	60	96	0.00	0.0	2.955	0.061	0	0	0	61
PL.12366	PL.12189	ABC	336 MCM AC	7.49Y	124.8	0.00	0.24	9.47	2	204	60	96	0.00	0.0	3.007	0.052	1	0	2	61
PL.12367	PL.12366	ABC	336 MCM AC	7.49Y	124.8	0.01	0.24	9.42	2	203	60	96	0.01	0.0	3.081	0.074	0	0	0	59
PL.12190	PL.12367	ABC	336 MCM AC	7.48Y	124.7	0.01	0.25	9.42	2	203	60	96	0.01	0.0	3.209	0.128	0	0	0	59
PL.12343	PL.12190	ABC	336 MCM AC	7.48Y	124.7	0.01	0.26	9.42	2	203	60	96	0.01	0.0	3.285	0.076	2	1	1	59
PL.12376	PL.12343	C	#4 ACSR	7.48Y	124.7	0.00	0.26	0.42	0	3	1	95	0.00	0.0	3.290	0.005	0	0	0	3
PD.2103	PL.12376	C	65T	7.48Y	124.7	0.00	0.26	0.42	0	3	1	95	0.00	0.0	3.290	0.005	0	0	0	3
PL.12377	PD.2103	C	#4 ACSR	7.48Y	124.7	0.00	0.26	0.42	0	3	1	95	0.00	0.0	3.380	0.090	0	0	0	3
PL.12192	PL.12377	C	#4 ACSR	7.48Y	124.7	0.00	0.26	0.42	0	3	1	95	0.00	0.0	3.448	0.068	0	0	0	3
PL.12193	PL.12192	C	#4 ACSR	7.48Y	124.7	0.00	0.26	0.42	0	3	1	95	0.00	0.0	3.520	0.072	0	0	0	3
PL.12194	PL.12193	C	#4 ACSR	7.48Y	124.7	0.00	0.26	0.42	0	3	1	95	0.00	0.0	3.626	0.106	0	0	0	3
PL.12195	PL.12194	C	#4 ACSR	7.48Y	124.7	0.00	0.26	0.42	0	3	1	95	0.00	0.0	3.731	0.105	0	0	0	3
PL.12196	PL.12195	C	#4 ACSR	7.48Y	124.7	0.00	0.27	0.42	0	3	1	95	0.00	0.0	3.774	0.043	0	0	0	3
PL.12197	PL.12196	C	#4 ACSR	7.48Y	124.7	0.00	0.27	0.42	0	3	1	95	0.00	0.0	3.840	0.066	0	0	0	3
PL.12198	PL.12197	C	#4 ACSR	7.48Y	124.7	0.00	0.27	0.42	0	3	1	95	0.00	0.0	3.933	0.094	0	0	0	3
PL.12199	PL.12198	C	#4 ACSR	7.48Y	124.7	0.00	0.27	0.42	0	3	1	95	0.00	0.0	4.024	0.091	0	0	0	3
PL.12200	PL.12199	C	#4 ACSR	7.48Y	124.7	0.00	0.27	0.42	0	3	1	95	0.00	0.0	4.155	0.131	0	0	0	3
PL.12201	PL.12200	C	#4 ACSR	7.48Y	124.7	0.00	0.27	0.42	0	3	1	95	0.00	0.0	4.200	0.046	0	0	0	3
PL.12202	PL.12201	C	#4 ACSR	7.48Y	124.7	0.00	0.27	0.42	0	3	1	95	0.00	0.0	4.271	0.071	0	0	0	3
PL.12203	PL.12202	C	#4 ACSR	7.48Y	124.7	0.00	0.28	0.42	0	3	1	95	0.00	0.0	4.352	0.081	0	0	0	3
PL.12204	PL.12203	C	#4 ACSR	7.48Y	124.7	0.00	0.28	0.42	0	3	1	95	0.00	0.0	4.428	0.076	3	1	2	3
PL.12205	PL.12204	C	#4 ACSR	7.48Y	124.7	0.00	0.28	0.06	0	0	0	100	0.00	0.0	4.521	0.093	0	0	0	1
PL.12206	PL.12205	C	#4 ACSR	7.48Y	124.7	0.00	0.28	0.06	0	0	0	100	0.00	0.0	4.600	0.079	0	0	0	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12207	PL.12206	C	#4 ACSR	7.48Y	124.7	0.00	0.28	0.06	0	0	0	100	0.00	0.0	4.651	0.051	0	0	1	1
PL.12191	PL.12343	ABC	336 MCM AC	7.48Y	124.7	0.00	0.26	9.19	2	198	58	96	0.00	0.0	3.327	0.042	0	0	0	55
PL.12208	PL.12191	ABC	336 MCM AC	7.48Y	124.7	0.00	0.26	9.19	2	198	58	96	0.00	0.0	3.395	0.068	0	0	0	55
PL.12209	PL.12208	ABC	336 MCM AC	7.48Y	124.7	0.00	0.27	9.19	2	198	58	96	0.00	0.0	3.449	0.054	0	0	0	55
PL.12210	PL.12209	ABC	336 MCM AC	7.48Y	124.7	0.01	0.27	9.19	2	198	58	96	0.01	0.0	3.525	0.076	0	0	0	55
PL.12211	PL.12210	ABC	336 MCM AC	7.48Y	124.7	0.00	0.28	9.19	2	198	58	96	0.00	0.0	3.568	0.043	0	0	0	55
PL.12212	PL.12211	ABC	336 MCM AC	7.48Y	124.7	0.01	0.28	9.19	2	198	58	96	0.01	0.0	3.666	0.098	0	0	0	55
PL.12213	PL.12212	ABC	336 MCM AC	7.48Y	124.7	0.01	0.29	9.19	2	198	58	96	0.01	0.0	3.753	0.086	0	0	0	55
PL.12214	PL.12213	ABC	336 MCM AC	7.48Y	124.7	0.01	0.29	9.19	2	198	58	96	0.01	0.0	3.833	0.081	0	0	0	55
PL.12215	PL.12214	ABC	336 MCM AC	7.48Y	124.7	0.01	0.30	9.19	2	198	58	96	0.01	0.0	3.915	0.082	0	0	0	55
PL.12216	PL.12215	ABC	336 MCM AC	7.48Y	124.7	0.00	0.30	9.19	2	198	58	96	0.00	0.0	3.964	0.049	0	0	0	55
PL.12217	PL.12216	ABC	336 MCM AC	7.48Y	124.7	0.00	0.31	9.19	2	198	58	96	0.00	0.0	4.025	0.061	0	0	0	55
PL.12218	PL.12217	ABC	336 MCM AC	7.48Y	124.7	0.00	0.31	9.19	2	198	58	96	0.00	0.0	4.092	0.068	0	0	0	55
PL.12219	PL.12218	ABC	336 MCM AC	7.48Y	124.7	0.00	0.32	9.19	2	198	58	96	0.00	0.0	4.152	0.060	0	0	0	55
PL.12220	PL.12219	ABC	336 MCM AC	7.48Y	124.7	0.01	0.33	9.19	2	198	58	96	0.01	0.0	4.290	0.138	0	0	0	55
PL.12221	PL.12220	ABC	336 MCM AC	7.48Y	124.7	0.00	0.33	9.19	2	198	58	96	0.00	0.0	4.349	0.059	0	0	0	55
PL.12390	PL.12221	C	#2 ACSR	7.48Y	124.7	0.00	0.33	0.36	0	3	1	95	0.00	0.0	4.354	0.005	0	0	0	1
PD.2111	PL.12390	C	65T	7.48Y	124.7	0.00	0.33	0.36	0	3	1	95	0.00	0.0	4.354	0.005	0	0	0	1
PL.12391	PD.2111	C	#2 ACSR	7.48Y	124.7	0.00	0.33	0.36	0	3	1	95	0.00	0.0	4.424	0.070	0	0	0	1
PL.12223	PL.12391	C	#2 ACSR	7.48Y	124.7	0.00	0.33	0.36	0	3	1	95	0.00	0.0	4.525	0.102	3	1	1	1
PL.12222	PL.12221	ABC	336 MCM AC	7.48Y	124.7	0.00	0.33	9.07	2	195	57	96	0.00	0.0	4.407	0.058	0	0	0	54
PL.12224	PL.12222	ABC	336 MCM AC	7.48Y	124.7	0.00	0.34	9.07	2	195	57	96	0.00	0.0	4.447	0.040	0	0	0	54
PL.12226	PL.12224	ABC	336 MCM AC	7.48Y	124.7	0.01	0.34	8.60	2	185	54	96	0.01	0.0	4.549	0.102	0	0	0	53
PL.12227	PL.12226	ABC	336 MCM AC	7.48Y	124.7	0.00	0.35	8.60	2	185	54	96	0.00	0.0	4.621	0.072	0	0	0	53
PL.12228	PL.12227	ABC	336 MCM AC	7.48Y	124.6	0.00	0.35	8.60	2	185	54	96	0.00	0.0	4.667	0.046	0	0	0	53
PL.12396	PL.12228	A	#4 ACSR	7.48Y	124.6	0.00	0.35	0.02	0	0	0	100	0.00	0.0	4.671	0.005	0	0	0	1
PD.2114	PL.12396	A	65T	7.48Y	124.6	0.00	0.35	0.02	0	0	0	100	0.00	0.0	4.671	0.005	0	0	0	1
PL.12397	PD.2114	A	#4 ACSR	7.48Y	124.6	0.00	0.35	0.02	0	0	0	100	0.00	0.0	4.721	0.050	0	0	1	1
PL.12339	PL.12228	ABC	336 MCM AC	7.48Y	124.6	0.00	0.35	8.59	2	185	54	96	0.00	0.0	4.722	0.055	0	0	0	52
PL.12229	PL.12339	ABC	336 MCM AC	7.48Y	124.6	0.00	0.36	8.59	2	185	54	96	0.00	0.0	4.798	0.076	0	0	0	52
PL.12231	PL.12229	ABC	336 MCM AC	7.48Y	124.6	0.00	0.36	8.59	2	185	54	96	0.00	0.0	4.862	0.064	0	0	0	52

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12394	PL.12231	A	#2 ACSR	7.48Y	124.6	0.00	0.36	0.22	0	2	0	100	0.00	0.0	4.867	0.005	0	0	0	1
PD.2113	PL.12394	A	65T	7.48Y	124.6	0.00	0.36	0.22	0	2	0	100	0.00	0.0	4.867	0.005	0	0	0	1
PL.12395	PD.2113	A	#2 ACSR	7.48Y	124.6	0.00	0.36	0.22	0	2	0	100	0.00	0.0	4.938	0.072	0	0	0	1
PL.12365	PL.12395	A	#2 ACSR	7.48Y	124.6	0.00	0.36	0.22	0	2	0	100	0.00	0.0	5.038	0.100	2	0	1	1
PL.12338	PL.12231	ABC	336 MCM AC	7.48Y	124.6	0.01	0.37	8.30	2	179	52	96	0.01	0.0	4.975	0.113	0	0	0	50
PL.12230	PL.12338	ABC	336 MCM AC	7.48Y	124.6	0.00	0.37	8.30	2	179	52	96	0.00	0.0	5.004	0.030	0	0	0	50
PL.12233	PL.12230	ABC	336 MCM AC	7.48Y	124.6	0.00	0.38	8.30	2	179	52	96	0.00	0.0	5.048	0.043	0	0	0	50
PL.12234	PL.12233	ABC	336 MCM AC	7.48Y	124.6	0.00	0.38	8.30	2	179	52	96	0.00	0.0	5.111	0.063	5	1	1	50
PL.12235	PL.12234	ABC	336 MCM AC	7.48Y	124.6	0.00	0.38	8.07	2	174	51	96	0.00	0.0	5.160	0.049	0	0	0	49
PL.12236	PL.12235	ABC	336 MCM AC	7.48Y	124.6	0.01	0.39	8.07	2	174	51	96	0.00	0.0	5.242	0.082	0	0	0	49
PL.12237	PL.12236	ABC	336 MCM AC	7.48Y	124.6	0.00	0.39	8.07	2	174	51	96	0.00	0.0	5.295	0.052	0	0	0	49
PL.12238	PL.12237	ABC	336 MCM AC	7.48Y	124.6	0.00	0.39	8.07	2	174	51	96	0.00	0.0	5.350	0.055	0	0	0	49
PL.12239	PL.12238	ABC	336 MCM AC	7.48Y	124.6	0.01	0.40	8.07	2	174	51	96	0.01	0.0	5.457	0.108	0	0	0	49
PL.12240	PL.12239	ABC	336 MCM AC	7.48Y	124.6	0.01	0.41	8.07	2	174	51	96	0.00	0.0	5.547	0.090	0	0	0	49
PL.12243	PL.12240	ABC	336 MCM AC	7.48Y	124.6	0.01	0.41	8.07	2	174	51	96	0.01	0.0	5.656	0.109	0	0	0	49
PL.12244	PL.12243	ABC	336 MCM AC	7.47Y	124.6	0.00	0.42	8.07	2	174	51	96	0.00	0.0	5.723	0.067	0	0	0	49
PL.12245	PL.12244	ABC	336 MCM AC	7.47Y	124.6	0.00	0.42	7.82	2	168	49	96	0.00	0.0	5.803	0.080	0	0	0	48
PL.12246	PL.12245	ABC	336 MCM AC	7.47Y	124.6	0.01	0.43	7.82	2	168	49	96	0.00	0.0	5.892	0.089	0	0	0	48
PL.12247	PL.12246	ABC	336 MCM AC	7.47Y	124.6	0.00	0.43	7.82	2	168	49	96	0.00	0.0	5.957	0.065	0	0	0	48
PL.12248	PL.12247	ABC	336 MCM AC	7.47Y	124.6	0.00	0.43	7.82	2	168	49	96	0.00	0.0	6.010	0.053	0	0	0	48
PL.12249	PL.12248	ABC	336 MCM AC	7.47Y	124.6	0.00	0.44	7.82	2	168	49	96	0.00	0.0	6.081	0.071	0	0	0	48
PL.12250	PL.12249	ABC	336 MCM AC	7.47Y	124.6	0.01	0.45	7.67	1	165	48	96	0.01	0.0	6.200	0.119	0	0	0	46
PL.12251	PL.12250	ABC	336 MCM AC	7.47Y	124.6	0.00	0.45	3.81	1	82	24	96	0.00	0.0	6.264	0.064	0	0	0	29
PL.12253	PL.12251	ABC	336 MCM AC	7.47Y	124.6	0.00	0.45	3.81	1	82	24	96	0.00	0.0	6.309	0.045	0	0	0	29
PL.12292	PL.12253	ABC	336 MCM AC	7.47Y	124.5	0.00	0.45	3.81	1	82	24	96	0.00	0.0	6.408	0.099	6	2	3	29
PL.12293	PL.12292	ABC	336 MCM AC	7.47Y	124.5	0.00	0.45	3.53	1	76	22	96	0.00	0.0	6.523	0.114	0	0	0	26
PL.12294	PL.12293	ABC	336 MCM AC	7.47Y	124.5	0.00	0.46	3.39	1	73	21	96	0.00	0.0	6.600	0.077	0	0	0	25
PL.12355	PL.12294	ABC	336 MCM AC	7.47Y	124.5	0.00	0.46	3.39	1	73	21	96	0.00	0.0	6.675	0.075	6	2	2	25
PL.12356	PL.12355	ABC	336 MCM AC	7.47Y	124.5	0.00	0.46	3.01	1	65	19	96	0.00	0.0	6.725	0.050	0	0	0	22
PL.12300	PL.12356	ABC	336 MCM AC	7.47Y	124.5	0.00	0.46	3.01	1	65	19	96	0.00	0.0	6.757	0.032	1	0	1	22
PL.12310	PL.12300	ABC	336 MCM AC	7.47Y	124.5	0.00	0.46	2.53	0	54	16	96	0.00	0.0	6.836	0.079	0	0	0	18

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12311	PL.12310	ABC	336 MCM AC	7.47Y	124.5	0.00	0.46	2.53	0	54	16	96	0.00	0.0	6.951	0.115	0	0	0	18
PL.12312	PL.12311	ABC	336 MCM AC	7.47Y	124.5	0.00	0.47	2.53	0	54	16	96	0.00	0.0	7.102	0.151	0	0	0	18
PL.12313	PL.12312	ABC	336 MCM AC	7.47Y	124.5	0.00	0.47	2.53	0	54	16	96	0.00	0.0	7.171	0.069	0	0	0	18
PL.12314	PL.12313	ABC	336 MCM AC	7.47Y	124.5	0.00	0.47	2.53	0	54	16	96	0.00	0.0	7.246	0.075	0	0	0	18
PL.12315	PL.12314	ABC	336 MCM AC	7.47Y	124.5	0.00	0.47	2.53	0	54	16	96	0.00	0.0	7.357	0.111	0	0	0	18
PL.12316	PL.12315	ABC	336 MCM AC	7.47Y	124.5	0.00	0.47	2.40	0	52	15	96	0.00	0.0	7.474	0.117	0	0	0	17
PL.12351	PL.12316	ABC	336 MCM AC	7.47Y	124.5	0.00	0.47	2.40	0	52	15	96	0.00	0.0	7.552	0.078	0	0	0	17
PL.12317	PL.12351	ABC	336 MCM AC	7.47Y	124.5	0.00	0.48	2.40	0	52	15	96	0.00	0.0	7.691	0.138	0	0	0	17
PL.12318	PL.12317	ABC	336 MCM AC	7.47Y	124.5	0.00	0.48	0.33	0	7	2	96	0.00	0.0	7.765	0.074	7	2	1	1
PL.12328	PL.12318	ABC	336 MCM AC	7.47Y	124.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	7.825	0.060	0	0	0	0
PL.12352	PL.12328	ABC	336 MCM AC	7.47Y	124.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	7.891	0.066	0	0	0	0
PD.4405-A	PL.12352	ABC	Open	7.47Y	124.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	7.891	0.066	0	0	0	0
PL.12319	PL.12317	A	6 A (CWC)	7.47Y	124.5	0.00	0.48	6.22	4	45	13	96	0.00	0.0	7.695	0.005	0	0	0	16
PD.2108	PL.12319	A	65T	7.47Y	124.5	0.00	0.48	6.22	0	45	13	96	0.00	0.0	7.695	0.005	0	0	0	16
PL.12353	PD.2108	A	#2 ACSR	7.47Y	124.5	0.00	0.48	1.05	1	8	2	97	0.00	0.0	7.699	0.004	0	0	0	1
PL.12354	PL.12353	A	#2 ACSR	7.47Y	124.5	0.00	0.48	1.05	1	8	2	97	0.00	0.0	7.699	0.000	0	0	0	1
PL.12327	PL.12354	A	#2 ACSR	7.47Y	124.5	0.00	0.48	1.05	1	8	2	97	0.00	0.0	7.756	0.056	8	2	1	1
PL.12359	PD.2108	A	6 A (CWC)	7.47Y	124.5	0.01	0.49	5.17	4	37	11	96	0.00	0.0	7.745	0.049	1	0	1	15
PL.12360	PL.12359	A	6 A (CWC)	7.47Y	124.5	0.01	0.50	5.01	4	36	11	96	0.00	0.0	7.799	0.054	1	0	1	14
PL.12320	PL.12360	A	6 A (CWC)	7.47Y	124.5	0.01	0.51	4.94	4	35	10	96	0.00	0.0	7.831	0.032	0	0	0	13
PL.12322	PL.12320	A	6 A (CWC)	7.47Y	124.5	0.02	0.53	4.94	4	35	10	96	0.01	0.0	7.915	0.085	0	0	0	13
PL.12361	PL.12322	A	6 A (CWC)	7.47Y	124.5	0.01	0.54	4.72	3	34	10	96	0.00	0.0	7.964	0.048	3	1	3	12
PL.12362	PL.12361	A	6 A (CWC)	7.47Y	124.5	0.01	0.55	4.37	3	31	9	96	0.00	0.0	8.034	0.071	16	5	3	9
PL.12323	PL.12362	A	6 A (CWC)	7.47Y	124.4	0.01	0.56	2.16	2	15	5	95	0.00	0.0	8.110	0.075	0	0	1	6
PL.12324	PL.12323	A	6 A (CWC)	7.47Y	124.4	0.00	0.56	2.16	2	15	5	95	0.00	0.0	8.143	0.034	3	1	1	5
PL.12326	PL.12324	A	6 A (CWC)	7.47Y	124.4	0.00	0.56	0.98	1	7	2	96	0.00	0.0	8.229	0.086	7	2	3	3
PL.12325	PL.12324	A	6 A (CWC)	7.47Y	124.4	0.00	0.56	0.75	1	5	2	93	0.00	0.0	8.195	0.052	5	2	1	1
PL.12321	PL.12322	A	#2 ACSR	7.47Y	124.5	0.00	0.53	0.22	0	2	0	100	0.00	0.0	7.947	0.031	2	0	1	1
PL.12384	PL.12315	A	6 A (CWC)	7.47Y	124.5	0.00	0.47	0.37	0	3	1	95	0.00	0.0	7.362	0.005	0	0	0	1
PD.2107	PL.12384	A	65T	7.47Y	124.5	0.00	0.47	0.37	0	3	1	95	0.00	0.0	7.362	0.005	0	0	0	1
PL.12385	PD.2107	A	6 A (CWC)	7.47Y	124.5	0.00	0.47	0.37	0	3	1	95	0.00	0.0	7.472	0.111	3	1	1	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12378	PL.12300	A	6 A (CWC)	7.47Y	124.5	0.00	0.46	1.36	1	10	3	96	0.00	0.0	6.762	0.005	0	0	0	3
PD.2104	PL.12378	A	20T	7.47Y	124.5	0.00	0.46	1.36	0	10	3	96	0.00	0.0	6.762	0.005	0	0	0	3
PL.12379	PD.2104	A	6 A (CWC)	7.47Y	124.5	0.00	0.46	1.36	1	10	3	96	0.00	0.0	6.787	0.025	0	0	0	3
PL.12301	PL.12379	A	6 A (CWC)	7.47Y	124.5	0.00	0.47	1.36	1	10	3	96	0.00	0.0	6.862	0.076	1	0	1	3
PL.12302	PL.12301	A	6 A (CWC)	7.47Y	124.5	0.00	0.47	1.23	1	9	3	95	0.00	0.0	6.946	0.084	0	0	0	2
PL.12304	PL.12302	A	6 A (CWC)	7.47Y	124.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.022	0.076	0	0	0	0
PL.12335	PL.12304	A	6 A (CWC)	7.47Y	124.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.077	0.055	0	0	0	0
PL.12306	PL.12335	A	#2 ACSR	7.47Y	124.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.102	0.026	0	0	0	0
PL.12307	PL.12306	A	#2 ACSR	7.47Y	124.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.201	0.099	0	0	0	0
PL.12308	PL.12307	A	#2 ACSR	7.47Y	124.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.284	0.083	0	0	0	0
PL.12309	PL.12308	A	#2 ACSR	7.47Y	124.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.355	0.071	0	0	0	0
PL.12303	PL.12302	A	#1/0 ACSR	7.47Y	124.5	0.00	0.47	1.23	1	9	3	95	0.00	0.0	6.979	0.033	9	3	2	2
PL.12380	PL.12355	C	6 A (CWC)	7.47Y	124.5	0.00	0.46	0.30	0	2	1	89	0.00	0.0	6.679	0.005	0	0	0	1
PD.2105	PL.12380	C	65T	7.47Y	124.5	0.00	0.46	0.30	0	2	1	89	0.00	0.0	6.679	0.005	0	0	0	1
PL.12381	PD.2105	C	6 A (CWC)	7.47Y	124.5	0.00	0.46	0.30	0	2	1	89	0.00	0.0	6.758	0.079	0	0	0	1
PL.12295	PL.12381	C	6 A (CWC)	7.47Y	124.5	0.00	0.46	0.30	0	2	1	89	0.00	0.0	6.856	0.098	0	0	0	1
PL.12331	PL.12295	C	6 A (CWC)	7.47Y	124.5	0.00	0.46	0.30	0	2	1	89	0.00	0.0	7.035	0.178	0	0	0	1
PL.12350	PL.12331	C	6 A (CWC)	7.47Y	124.5	0.00	0.46	0.30	0	2	1	89	0.00	0.0	7.132	0.097	0	0	0	1
PL.12298	PL.12350	C	6 A (CWC)	7.47Y	124.5	0.00	0.47	0.30	0	2	1	89	0.00	0.0	7.205	0.073	0	0	0	1
PL.12297	PL.12298	C	#1/0 ACSR	7.47Y	124.5	0.00	0.47	0.30	0	2	1	89	0.00	0.0	7.252	0.047	0	0	0	1
PL.12296	PL.12297	C	#1/0 ACSR	7.47Y	124.5	0.00	0.47	0.30	0	2	1	89	0.00	0.0	7.291	0.039	2	1	1	1
PL.12299	PL.12298	C	6 A (CWC)	7.47Y	124.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	7.260	0.054	0	0	0	0
PL.12382	PL.12293	A	#1/0 ACSR	7.47Y	124.5	0.00	0.45	0.41	0	3	1	95	0.00	0.0	6.527	0.005	0	0	0	1
PD.2106	PL.12382	A	65T	7.47Y	124.5	0.00	0.45	0.41	0	3	1	95	0.00	0.0	6.527	0.005	0	0	0	1
PL.12383	PD.2106	A	#1/0 ACSR	7.47Y	124.5	0.00	0.45	0.41	0	3	1	95	0.00	0.0	6.549	0.021	3	1	1	1
PL.12252	PL.12250	A	6 A (CWC)	7.47Y	124.5	0.04	0.49	11.58	8	83	24	96	0.03	0.0	6.283	0.083	0	0	0	17
PL.12334	PL.12252	A	6 A (CWC)	7.47Y	124.5	0.00	0.49	11.58	8	83	24	96	0.00	0.0	6.286	0.002	0	0	0	17
PD.2117	PL.12334	A	35L	7.47Y	124.5	0.00	0.49	11.58	33	83	24	96	0.00	0.0	6.286	0.002	0	0	0	17
PL.12357	PD.2117	A	6 A (CWC)	7.47Y	124.5	0.00	0.49	1.11	1	8	2	97	0.00	0.0	6.286	0.000	0	0	0	1
PL.12403	PL.12357	A	6 A (CWC)	7.47Y	124.5	0.00	0.49	1.11	1	8	2	97	0.00	0.0	6.286	0.000	0	0	0	1
PL.12402	PL.12403	A	6 A (CWC)	7.47Y	124.5	0.00	0.49	1.11	1	8	2	97	0.00	0.0	6.290	0.004	0	0	0	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12254	PL.12402	A	6 A (CWC)	7.47Y	124.5	0.00	0.49	1.11	1	8	2	97	0.00	0.0	6.328	0.038	8	2	1	1
PL.12336	PD.2117	A	6 A (CWC)	7.47Y	124.5	0.04	0.53	10.47	7	75	22	96	0.02	0.0	6.367	0.081	0	0	0	16
PL.12255	PL.12336	A	6 A (CWC)	7.47Y	124.4	0.05	0.57	10.47	7	75	22	96	0.02	0.0	6.464	0.098	6	2	1	16
PL.12256	PL.12255	A	6 A (CWC)	7.46Y	124.4	0.05	0.62	9.62	7	69	20	96	0.02	0.0	6.568	0.104	0	0	0	15
PL.12257	PL.12256	A	6 A (CWC)	7.46Y	124.3	0.03	0.65	9.62	7	69	20	96	0.02	0.0	6.639	0.071	0	0	0	15
PL.12258	PL.12257	A	6 A (CWC)	7.46Y	124.3	0.02	0.68	9.62	7	69	20	96	0.01	0.0	6.692	0.053	0	0	0	15
PL.12259	PL.12258	A	6 A (CWC)	7.46Y	124.3	0.02	0.70	9.62	7	69	20	96	0.01	0.0	6.748	0.056	0	0	0	15
PL.12260	PL.12259	A	6 A (CWC)	7.46Y	124.3	0.03	0.73	9.62	7	69	20	96	0.02	0.0	6.825	0.078	0	0	0	15
PL.12262	PL.12260	A	6 A (CWC)	7.46Y	124.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	6.848	0.023	0	0	0	0
PL.12261	PL.12260	A	6 A (CWC)	7.45Y	124.2	0.03	0.77	9.62	7	69	20	96	0.02	0.0	6.904	0.079	7	2	1	15
PL.12264	PL.12261	A	6 A (CWC)	7.45Y	124.2	0.05	0.81	8.70	6	62	18	96	0.02	0.0	7.021	0.117	0	0	0	14
PL.12270	PL.12264	A	6 A (CWC)	7.45Y	124.2	0.03	0.85	7.15	5	51	15	96	0.01	0.0	7.123	0.102	0	0	0	12
PL.12271	PL.12270	A	6 A (CWC)	7.45Y	124.1	0.01	0.86	7.15	5	51	15	96	0.00	0.0	7.145	0.023	0	0	0	12
PL.12272	PL.12271	A	6 A (CWC)	7.45Y	124.1	0.02	0.87	7.15	5	51	15	96	0.01	0.0	7.195	0.050	0	0	0	12
PL.12273	PL.12272	A	6 A (CWC)	7.45Y	124.1	0.04	0.91	7.15	5	51	15	96	0.02	0.0	7.327	0.132	0	0	0	12
PL.12274	PL.12273	A	6 A (CWC)	7.44Y	124.0	0.05	0.96	7.15	5	51	15	96	0.02	0.0	7.469	0.142	0	0	0	12
PL.12275	PL.12274	A	6 A (CWC)	7.44Y	124.0	0.02	0.98	7.15	5	51	15	96	0.01	0.0	7.522	0.054	0	0	0	12
PL.12276	PL.12275	A	6 A (CWC)	7.44Y	124.0	0.03	1.01	7.15	5	51	15	96	0.01	0.0	7.619	0.096	0	0	0	12
PL.12277	PL.12276	A	6 A (CWC)	7.44Y	124.0	0.03	1.04	7.15	5	51	15	96	0.01	0.0	7.713	0.095	0	0	0	12
PL.12363	PL.12277	A	6 A (CWC)	7.44Y	123.9	0.03	1.07	7.15	5	51	15	96	0.01	0.0	7.801	0.087	0	0	1	12
PL.12364	PL.12363	A	6 A (CWC)	7.43Y	123.9	0.02	1.09	7.15	5	51	15	96	0.01	0.0	7.872	0.072	0	0	0	11
PL.12278	PL.12364	A	6 A (CWC)	7.43Y	123.9	0.03	1.13	7.15	5	51	15	96	0.01	0.0	7.978	0.106	10	3	2	11
PL.12279	PL.12278	A	6 A (CWC)	7.43Y	123.9	0.02	1.14	5.79	4	41	12	96	0.01	0.0	8.051	0.073	0	0	0	9
PL.12282	PL.12279	A	6 A (CWC)	7.43Y	123.8	0.02	1.17	5.79	4	41	12	96	0.01	0.0	8.145	0.094	3	1	2	9
PL.12283	PL.12282	A	6 A (CWC)	7.43Y	123.8	0.03	1.20	5.37	4	38	11	96	0.01	0.0	8.266	0.121	0	0	0	7
PL.12286	PL.12283	A	6 A (CWC)	7.43Y	123.8	0.00	1.20	1.01	1	7	2	96	0.00	0.0	8.320	0.054	1	0	1	3
PL.12287	PL.12286	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.81	0	6	2	95	0.00	0.0	8.342	0.022	0	0	0	1
PL.12288	PL.12287	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.81	0	6	2	95	0.00	0.0	8.395	0.053	6	2	1	1
PL.12400	PL.12286	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.11	0	1	0	100	0.00	0.0	8.324	0.005	0	0	0	1
PD.2116	PL.12400	A	65T	7.43Y	123.8	0.00	1.20	0.11	0	1	0	100	0.00	0.0	8.324	0.005	0	0	0	1
PL.12401	PD.2116	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.11	0	1	0	100	0.00	0.0	8.407	0.083	0	0	0	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12290	PL.12401	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.11	0	1	0	100	0.00	0.0	8.577	0.170	0	0	0	1
PL.12289	PL.12290	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	8.687	0.110	0	0	0	0
PL.12337	PL.12290	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.11	0	1	0	100	0.00	0.0	8.613	0.037	0	0	0	1
PL.12291	PL.12337	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.11	0	1	0	100	0.00	0.0	8.713	0.100	0	0	0	1
PL.12329	PL.12291	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.11	0	1	0	100	0.00	0.0	8.875	0.162	0	0	0	1
PL.12346	PL.12329	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.11	0	1	0	100	0.00	0.0	9.034	0.159	0	0	0	1
PL.12347	PL.12346	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.11	0	1	0	100	0.00	0.0	9.165	0.131	0	0	0	1
PL.12348	PL.12347	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.11	0	1	0	100	0.00	0.0	9.211	0.046	0	0	0	1
PL.12330	PL.12348	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.11	0	1	0	100	0.00	0.0	9.313	0.102	0	0	0	1
PL.12349	PL.12330	A	#2 ACSR	7.43Y	123.8	0.00	1.20	0.11	0	1	0	100	0.00	0.0	9.418	0.105	1	0	1	1
PL.27877	PL.12283	A	6 A (CWC)	7.43Y	123.8	0.00	1.20	4.36	3	31	9	96	0.00	0.0	8.291	0.026	6	2	1	4
PL.27878	PL.27877	A	6 A (CWC)	7.43Y	123.8	0.00	1.21	3.49	2	25	7	96	0.00	0.0	8.330	0.038	13	4	1	3
PL.12285	PL.27878	A	#2 ACSR	7.43Y	123.8	0.00	1.21	1.63	1	12	3	97	0.00	0.0	8.417	0.088	12	3	2	2
PL.12265	PL.12264	A	6 A (CWC)	7.45Y	124.2	0.01	0.82	1.56	1	11	3	96	0.00	0.0	7.110	0.089	0	0	0	2
PL.12266	PL.12265	A	6 A (CWC)	7.45Y	124.2	0.01	0.83	1.56	1	11	3	96	0.00	0.0	7.200	0.090	0	0	0	2
PL.12267	PL.12266	A	6 A (CWC)	7.45Y	124.2	0.01	0.84	1.56	1	11	3	96	0.00	0.0	7.321	0.121	0	0	0	2
PL.12268	PL.12267	A	6 A (CWC)	7.45Y	124.2	0.00	0.84	1.56	1	11	3	96	0.00	0.0	7.436	0.115	9	3	1	2
PL.12269	PL.12268	A	6 A (CWC)	7.45Y	124.2	0.00	0.84	0.23	0	2	0	100	0.00	0.0	7.513	0.076	2	0	1	1
PL.12392	PL.12249	A	#4 ACSR	7.47Y	124.6	0.00	0.44	0.44	0	3	1	95	0.00	0.0	6.086	0.005	0	0	0	2
PD.2112	PL.12392	A	65T	7.47Y	124.6	0.00	0.44	0.44	0	3	1	95	0.00	0.0	6.086	0.005	0	0	0	2
PL.12393	PD.2112	A	#4 ACSR	7.47Y	124.6	0.00	0.44	0.44	0	3	1	95	0.00	0.0	6.130	0.044	3	1	2	2
PL.12388	PL.12244	C	6 A (CWC)	7.47Y	124.6	0.00	0.42	0.73	1	5	2	93	0.00	0.0	5.728	0.005	0	0	0	1
PD.2110	PL.12388	C	65T	7.47Y	124.6	0.00	0.42	0.73	0	5	2	93	0.00	0.0	5.728	0.005	0	0	0	1
PL.12389	PD.2110	C	6 A (CWC)	7.47Y	124.6	0.00	0.42	0.73	1	5	2	93	0.00	0.0	5.867	0.139	0	0	0	1
PL.12241	PL.12389	C	6 A (CWC)	7.47Y	124.6	0.00	0.42	0.73	1	5	2	93	0.00	0.0	5.959	0.092	0	0	0	1
PL.12242	PL.12241	C	6 A (CWC)	7.47Y	124.6	0.00	0.43	0.73	1	5	2	93	0.00	0.0	6.047	0.088	5	2	1	1
PL.12232	PL.12231	A	6 A (CWC)	7.48Y	124.6	0.00	0.37	0.66	0	5	1	98	0.00	0.0	4.938	0.077	5	1	1	1
PL.12386	PL.12224	A	6 A (CWC)	7.48Y	124.7	0.00	0.34	1.41	1	10	3	96	0.00	0.0	4.452	0.005	0	0	0	1
PD.2109	PL.12386	A	65T	7.48Y	124.7	0.00	0.34	1.41	0	10	3	96	0.00	0.0	4.452	0.005	0	0	0	1
PL.12387	PD.2109	A	6 A (CWC)	7.48Y	124.7	0.00	0.34	1.41	1	10	3	96	0.00	0.0	4.510	0.058	0	0	0	1
PL.12225	PL.12387	A	#2 ACSR	7.48Y	124.7	0.00	0.34	1.41	1	10	3	96	0.00	0.0	4.559	0.049	10	3	1	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12372	PL.12166	A	#2 ACSR	7.49Y	124.9	0.00	0.12	0.52	0	4	1	97	0.00	0.0	1.492	0.005	0	0	0	2
PD.2101	PL.12372	A	65T	7.49Y	124.9	0.00	0.12	0.52	0	4	1	97	0.00	0.0	1.492	0.005	0	0	0	2
PL.12373	PD.2101	A	#2 ACSR	7.49Y	124.9	0.00	0.12	0.52	0	4	1	97	0.00	0.0	1.534	0.043	4	1	2	2
PL.12370	PL.12161	A	6 A (CWC)	7.49Y	124.9	0.00	0.10	0.82	1	6	2	95	0.00	0.0	1.152	0.004	0	0	0	1
PD.2100	PL.12370	A	65T	7.49Y	124.9	0.00	0.10	0.82	0	6	2	95	0.00	0.0	1.152	0.004	0	0	0	1
PL.12371	PD.2100	A	6 A (CWC)	7.49Y	124.9	0.00	0.10	0.82	1	6	2	95	0.00	0.0	1.200	0.048	6	2	1	1
PL.12512	South Fork	ABC	336 MCM AC	7.50Y	125.0	0.00	0.00	38.24	7	794	332	92	0.00	0.0	0.003	0.003	0	0	0	97
PL.72571	PL.12512	ABC	336 MCM AC	7.50Y	125.0	0.00	0.00	38.24	7	794	332	92	0.00	0.0	0.004	0.002	0	0	0	97
---------- Feeder No. 5 (Booneville F5) Beginning with Device PD.11211 ----------																				
PD.11211	PL.72571	ABC	300VWE	7.50Y	125.0	0.00	0.00	38.24	0	794	332	92	0.00	0.0	0.004	0.002	0	0	0	97
PL.12513	PD.11211	ABC	336 MCM AC	7.50Y	125.0	0.00	0.00	38.24	7	794	332	92	0.01	0.0	0.009	0.004	0	0	0	97
PL.12404	PL.12513	ABC	336 MCM AC	7.50Y	125.0	0.01	0.02	38.24	7	794	332	92	0.05	0.0	0.052	0.044	0	0	0	97
PL.12421	PL.12404	ABC	336 MCM AC	7.50Y	124.9	0.04	0.05	38.24	7	794	332	92	0.13	0.0	0.160	0.108	0	0	0	97
PL.12422	PL.12421	ABC	336 MCM AC	7.49Y	124.9	0.04	0.09	38.24	7	793	332	92	0.13	0.0	0.269	0.109	0	0	0	97
PL.12423	PL.12422	ABC	336 MCM AC	7.49Y	124.9	0.04	0.13	38.24	7	793	332	92	0.15	0.0	0.394	0.124	0	0	0	97
PL.12424	PL.12423	ABC	336 MCM AC	7.49Y	124.9	0.02	0.15	38.24	7	793	331	92	0.08	0.0	0.459	0.066	0	0	0	97
PL.12425	PL.12424	ABC	336 MCM AC	7.49Y	124.8	0.04	0.19	38.24	7	793	331	92	0.13	0.0	0.568	0.109	0	0	0	97
PL.12472	PL.12425	ABC	336 MCM AC	7.49Y	124.8	0.03	0.21	38.24	7	793	331	92	0.11	0.0	0.658	0.090	0	0	0	97
PL.12473	PL.12472	ABC	336 MCM AC	7.49Y	124.8	0.00	0.22	38.24	7	793	330	92	0.01	0.0	0.662	0.004	0	0	0	97
PL.12470	PL.12473	C	6 A (CWC)	7.49Y	124.8	0.00	0.22	0.57	0	4	1	97	0.00	0.0	0.667	0.005	0	0	0	1
PD.2120	PL.12470	C	65T	7.49Y	124.8	0.00	0.22	0.57	0	4	1	97	0.00	0.0	0.667	0.005	0	0	0	1
PL.12471	PD.2120	C	6 A (CWC)	7.49Y	124.8	0.00	0.22	0.57	0	4	1	97	0.00	0.0	0.689	0.022	4	1	1	1
PL.12412	PL.12473	ABC	336 MCM AC	7.49Y	124.8	0.01	0.23	38.05	7	789	329	92	0.06	0.0	0.708	0.046	0	0	0	96
PL.12468	PL.12412	C	6 A (CWC)	7.49Y	124.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	0.713	0.005	0	0	0	1
PD.2119	PL.12468	C	65T	7.49Y	124.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	0.713	0.005	0	0	0	1
PL.12469	PD.2119	C	6 A (CWC)	7.49Y	124.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	0.726	0.013	0	0	1	1
PL.12440	PL.12412	ABC	336 MCM AC	7.48Y	124.7	0.04	0.27	38.05	7	789	329	92	0.16	0.0	0.844	0.135	6	2	2	95
PL.12441	PL.12440	ABC	336 MCM AC	7.48Y	124.7	0.01	0.29	37.77	7	782	327	92	0.05	0.0	0.886	0.042	0	0	0	93
PL.12447	PL.12441	ABC	336 MCM AC	7.48Y	124.7	0.02	0.31	37.77	7	782	327	92	0.07	0.0	0.941	0.055	0	0	0	93

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12448	PL.12447	ABC	336 MCM AC	7.48Y	124.7	0.01	0.32	37.77	7	782	327	92	0.05	0.0	0.985	0.044	5	1	3	93
PL.12442	PL.12448	ABC	336 MCM AC	7.48Y	124.6	0.05	0.37	37.53	7	777	325	92	0.19	0.0	1.145	0.160	0	0	0	90
PL.12443	PL.12442	ABC	336 MCM AC	7.48Y	124.6	0.03	0.40	37.53	7	777	325	92	0.11	0.0	1.241	0.096	7	2	1	90
PL.12444	PL.12443	ABC	336 MCM AC	7.47Y	124.6	0.03	0.43	37.21	7	770	322	92	0.10	0.0	1.327	0.087	0	0	0	89
PL.12445	PL.12444	ABC	336 MCM AC	7.47Y	124.5	0.02	0.45	37.21	7	770	322	92	0.09	0.0	1.403	0.076	2	1	1	89
PL.12474	PL.12445	C	#2 ACSR	7.47Y	124.5	0.00	0.45	0.61	0	4	1	97	0.00	0.0	1.407	0.005	0	0	0	1
PD.2121	PL.12474	C	65T	7.47Y	124.5	0.00	0.45	0.61	0	4	1	97	0.00	0.0	1.407	0.005	0	0	0	1
PL.12475	PD.2121	C	#2 ACSR	7.47Y	124.5	0.00	0.45	0.61	0	4	1	97	0.00	0.0	1.434	0.027	4	1	1	1
PL.12446	PL.12445	ABC	336 MCM AC	7.47Y	124.5	0.02	0.47	36.93	7	764	320	92	0.07	0.0	1.460	0.057	0	0	0	87
PL.12458	PL.12446	ABC	336 MCM AC	7.47Y	124.5	0.04	0.51	36.93	7	763	320	92	0.13	0.0	1.574	0.114	3	1	1	87
PL.12462	PL.12458	ABC	336 MCM AC	7.47Y	124.5	0.03	0.53	36.81	7	761	319	92	0.10	0.0	1.662	0.088	5	2	1	86
PL.12463	PL.12462	ABC	336 MCM AC	7.47Y	124.5	0.01	0.55	36.56	7	755	317	92	0.04	0.0	1.701	0.039	7	2	1	85
PL.12461	PL.12463	ABC	336 MCM AC	7.47Y	124.4	0.03	0.58	36.24	7	748	315	92	0.12	0.0	1.808	0.107	0	0	0	84
PL.12426	PL.12461	ABC	336 MCM AC	7.46Y	124.4	0.04	0.62	36.24	7	748	315	92	0.13	0.0	1.921	0.113	0	0	0	84
PL.12459	PL.12426	ABC	336 MCM AC	7.46Y	124.3	0.03	0.65	36.24	7	748	314	92	0.12	0.0	2.034	0.113	2	1	1	84
PL.12460	PL.12459	ABC	336 MCM AC	7.46Y	124.3	0.03	0.68	36.13	7	745	313	92	0.12	0.0	2.146	0.112	0	0	0	83
PL.12413	PL.12460	ABC	336 MCM AC	7.46Y	124.3	0.04	0.72	36.08	7	744	313	92	0.14	0.0	2.271	0.125	0	0	0	82
PL.12427	PL.12413	ABC	336 MCM AC	7.45Y	124.2	0.03	0.75	36.08	7	744	312	92	0.10	0.0	2.361	0.090	0	0	0	82
PL.12428	PL.12427	ABC	336 MCM AC	7.45Y	124.2	0.05	0.80	36.08	7	744	312	92	0.17	0.0	2.515	0.154	0	0	0	82
PL.12453	PL.12428	ABC	336 MCM AC	7.45Y	124.2	0.03	0.83	35.82	7	738	310	92	0.11	0.0	2.618	0.103	0	0	0	81
PL.12454	PL.12453	ABC	336 MCM AC	7.45Y	124.1	0.03	0.86	35.82	7	738	310	92	0.12	0.0	2.728	0.110	0	0	0	81
PL.12429	PL.12454	ABC	336 MCM AC	7.45Y	124.1	0.03	0.89	35.82	7	738	310	92	0.11	0.0	2.830	0.102	0	0	0	81
PL.12510	PL.12429	ABC	336 MCM AC	7.44Y	124.1	0.03	0.93	35.40	7	729	307	92	0.12	0.0	2.943	0.112	0	0	0	80
PL.12511	PL.12510	ABC	336 MCM AC	7.44Y	124.0	0.03	0.96	35.40	7	729	306	92	0.11	0.0	3.049	0.106	0	0	0	80
PL.12430	PL.12511	ABC	336 MCM AC	7.44Y	124.0	0.03	0.99	35.40	7	729	306	92	0.09	0.0	3.134	0.085	0	0	0	80
PL.12414	PL.12430	ABC	336 MCM AC	7.44Y	124.0	0.02	1.01	34.95	7	719	303	92	0.08	0.0	3.215	0.081	0	0	0	78
PL.12415	PL.12414	ABC	336 MCM AC	7.44Y	124.0	0.02	1.03	34.79	7	715	302	92	0.06	0.0	3.272	0.057	4	2	1	77
PL.12408	PL.12415	ABC	336 MCM AC	7.44Y	124.0	0.01	1.04	34.60	7	711	300	92	0.03	0.0	3.307	0.034	0	0	0	76
PL.12416	PL.12408	ABC	336 MCM AC	7.44Y	124.0	0.01	1.04	33.22	6	682	291	92	0.02	0.0	3.325	0.018	1	0	1	70
PL.12438	PL.12416	ABC	336 MCM AC	7.44Y	123.9	0.02	1.06	32.97	6	676	290	92	0.06	0.0	3.394	0.070	8	2	1	68
PL.12439	PL.12438	ABC	336 MCM AC	7.44Y	123.9	0.02	1.08	31.54	6	645	280	92	0.06	0.0	3.466	0.072	5	1	1	62

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12435	PL.12439	ABC	336 MCM AC	7.43Y	123.9	0.02	1.10	30.82	6	630	276	92	0.06	0.0	3.541	0.075	0	0	0	60
PL.12508	PL.12435	ABC	336 MCM AC	7.43Y	123.9	0.00	1.10	25.13	5	514	224	92	0.00	0.0	3.545	0.004	0	0	0	57
PD.2138-A	PL.12508	ABC	Closed	7.43Y	123.9	0.00	1.10	25.13	0	514	224	92	0.00	0.0	3.545	0.004	0	0	0	57
PD.2138-B	PD.2138-A	ABC	Closed	7.43Y	123.9	0.00	1.10	25.13	0	514	224	92	0.00	0.0	3.545	0.004	0	0	0	57
PL.12509	PD.2138-B	ABC	336 MCM AC	7.43Y	123.9	0.00	1.11	25.13	5	514	224	92	0.00	0.0	3.552	0.007	0	0	0	57
PL.12417	PL.12509	ABC	336 MCM AC	7.43Y	123.9	0.01	1.11	21.75	4	441	203	91	0.02	0.0	3.590	0.038	0	0	0	18
PL.12433	PL.12417	ABC	336 MCM AC	7.43Y	123.9	0.00	1.11	2.58	0	55	17	96	0.00	0.0	3.622	0.032	1	0	1	12
PL.12434	PL.12433	ABC	336 MCM AC	7.43Y	123.9	0.00	1.12	2.03	0	43	14	95	0.00	0.0	3.765	0.144	0	0	0	9
PL.12432	PL.12434	ABC	336 MCM AC	7.43Y	123.9	0.00	1.12	1.78	0	38	11	96	0.00	0.0	3.918	0.152	12	3	2	8
PL.12457	PL.12432	ABC	336 MCM AC	7.43Y	123.9	0.00	1.12	0.81	0	17	5	96	0.00	0.0	3.991	0.073	17	5	5	5
PL.12506	PL.12457	ABC	336 MCM AC	7.43Y	123.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	4.017	0.026	0	0	0	0
PD.2137-A	PL.12506	ABC	Open	7.43Y	123.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	4.017	0.026	0	0	0	0
PL.12500	PL.12432	C	#2 ACSR	7.43Y	123.9	0.00	1.12	1.27	1	9	3	95	0.00	0.0	3.922	0.005	0	0	0	1
PD.2134	PL.12500	C	65T	7.43Y	123.9	0.00	1.12	1.27	0	9	3	95	0.00	0.0	3.922	0.005	0	0	0	1
PL.12501	PD.2134	C	#2 ACSR	7.43Y	123.9	0.00	1.12	1.27	1	9	3	95	0.00	0.0	3.969	0.047	9	3	1	1
PL.12405	PL.12434	ABC	#2 ACSR	7.43Y	123.9	0.00	1.12	0.24	0	5	2	93	0.00	0.0	3.786	0.021	5	2	1	1
PL.12494	PL.12433	A	#4 ACSR	7.43Y	123.9	0.00	1.11	1.56	1	11	3	96	0.00	0.0	3.626	0.005	0	0	0	2
PD.2131	PL.12494	A	65T	7.43Y	123.9	0.00	1.11	1.56	0	11	3	96	0.00	0.0	3.626	0.005	0	0	0	2
PL.12495	PD.2131	A	#4 ACSR	7.43Y	123.9	0.00	1.12	1.56	1	11	3	96	0.00	0.0	3.707	0.081	11	3	2	2
PL.12409	PL.12417	ABC	#1/0 ACSR	7.43Y	123.9	0.03	1.14	19.20	8	386	186	90	0.08	0.0	3.675	0.085	0	0	0	6
PL.12418	PL.12409	ABC	#1/0 ACSR	7.43Y	123.9	0.00	1.14	0.52	0	11	5	91	0.00	0.0	3.709	0.034	11	5	1	1
PL.12496	PL.12409	C	#2 ACSR	7.43Y	123.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.679	0.005	0	0	0	1
PD.2132	PL.12496	C	65T	7.43Y	123.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.679	0.005	0	0	0	1
PL.12497	PD.2132	C	#2 ACSR	7.43Y	123.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.716	0.037	0	0	1	1
PL.12410	PL.12409	ABC	6 A (CWC)	7.43Y	123.8	0.01	1.15	18.68	13	375	181	90	0.02	0.0	3.684	0.009	0	0	0	4
PL.12419	PL.12410	ABC	6 A (CWC)	7.43Y	123.8	0.01	1.16	18.49	13	371	180	90	0.02	0.0	3.694	0.010	0	0	0	0
PL.12431	PL.12419	ABC	6 A (CWC)	7.43Y	123.8	0.00	1.16	18.49	13	371	180	90	0.00	0.0	3.697	0.003	371	180	0	0
PL.12498	PL.12410	C	#2 ACSR	7.43Y	123.8	0.00	1.15	0.55	0	4	1	97	0.00	0.0	3.688	0.005	0	0	0	4
PD.2133	PL.12498	C	65T	7.43Y	123.8	0.00	1.15	0.55	0	4	1	97	0.00	0.0	3.688	0.005	0	0	0	4
PL.12499	PD.2133	C	#2 ACSR	7.43Y	123.8	0.00	1.15	0.55	0	4	1	97	0.00	0.0	3.736	0.047	0	0	1	4
PL.12456	PL.12499	C	#2 ACSR	7.43Y	123.8	0.00	1.15	0.50	0	4	1	97	0.00	0.0	3.755	0.019	1	0	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

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Case: 2009 Existing Conditions

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12455	PL.12456	C	#2 ACSR	7.43Y	123.8	0.00	1.15	0.41	0	3	1	95	0.00	0.0	3.825	0.070	3	1	1	1
PL.12502	PL.12509	ABC	4/0 AL URD	7.43Y	123.9	0.00	1.11	3.41	1	73	20	96	0.00	0.0	3.557	0.005	0	0	0	39
PD.2135	PL.12502	ABC	65T	7.43Y	123.9	0.00	1.11	3.41	0	73	21	96	0.00	0.0	3.557	0.005	0	0	0	39
PL.12503	PD.2135	ABC	4/0 AL URD	7.43Y	123.9	0.00	1.11	3.41	1	73	21	96	0.00	0.0	3.585	0.029	29	8	24	39
PL.12465	PL.12503	ABC	4/0 AL URD	7.43Y	123.9	0.00	1.11	2.08	1	45	13	96	0.00	0.0	3.604	0.018	35	10	14	15
PL.12464	PL.12465	ABC	4/0 AL URD	7.43Y	123.9	0.00	1.11	0.47	0	10	3	96	0.00	0.0	3.615	0.011	0	0	0	1
PL.25706	PL.12464	A	1/0 AL URD	7.43Y	123.9	0.00	1.11	1.42	1	10	3	96	0.00	0.0	3.620	0.005	10	3	1	1
PL.12504	PL.12435	ABC	350 MCM AL	7.43Y	123.9	0.00	1.10	5.69	2	116	52	91	0.00	0.0	3.545	0.005	0	0	0	3
PD.2136	PL.12504	ABC	65T	7.43Y	123.9	0.00	1.10	5.70	0	116	52	91	0.00	0.0	3.545	0.005	0	0	0	3
PL.12505	PD.2136	ABC	350 MCM AL	7.43Y	123.9	0.00	1.11	5.70	2	116	52	91	0.00	0.0	3.627	0.081	0	0	0	3
PL.12411	PL.12505	ABC	350 MCM AL	7.43Y	123.9	0.00	1.11	3.00	1	60	29	90	0.00	0.0	3.648	0.022	60	29	1	1
PL.12436	PL.12505	ABC	350 MCM AL	7.43Y	123.9	0.00	1.11	2.72	1	55	25	91	0.00	0.0	3.663	0.037	0	0	0	2
PL.12437	PL.12436	ABC	350 MCM AL	7.43Y	123.9	-0.00	1.11	0.04	0	0	-1	0	0.00	0.0	3.718	0.055	0	0	0	1
PL.12407	PL.12437	C	350 MCM AL	7.43Y	123.9	0.00	1.11	0.06	0	0	0	100	0.00	0.0	3.731	0.013	0	0	1	1
PL.12406	PL.12436	ABC	350 MCM AL	7.43Y	123.9	0.00	1.11	2.73	1	55	26	90	0.00	0.0	3.700	0.037	55	27	1	1
PL.12480	PL.12439	C	#1/0 ACSR	7.44Y	123.9	0.00	1.08	1.53	1	11	3	96	0.00	0.0	3.470	0.005	0	0	0	1
PD.2124	PL.12480	C	65T	7.44Y	123.9	0.00	1.08	1.53	0	11	3	96	0.00	0.0	3.470	0.005	0	0	0	1
PL.12481	PD.2124	C	#1/0 ACSR	7.43Y	123.9	0.00	1.08	1.53	1	11	3	96	0.00	0.0	3.505	0.034	11	3	1	1
PL.12482	PL.12438	B	#2 ACSR	7.44Y	123.9	0.00	1.06	3.27	2	23	7	96	0.00	0.0	3.399	0.005	0	0	0	5
PD.2125	PL.12482	B	65T	7.44Y	123.9	0.00	1.06	3.27	0	23	7	96	0.00	0.0	3.399	0.005	0	0	0	5
PL.12483	PD.2125	B	#2 ACSR	7.44Y	123.9	0.00	1.07	3.27	2	23	7	96	0.00	0.0	3.430	0.031	0	0	0	5
PL.12450	PL.12483	B	#2 ACSR	7.44Y	123.9	0.01	1.07	1.82	1	13	4	96	0.00	0.0	3.525	0.096	0	0	0	4
PL.12451	PL.12450	B	#2 ACSR	7.44Y	123.9	0.00	1.08	1.82	1	13	4	96	0.00	0.0	3.593	0.068	4	1	1	4
PL.12452	PL.12451	B	#2 ACSR	7.44Y	123.9	0.00	1.08	1.24	1	9	3	95	0.00	0.0	3.664	0.071	9	3	3	3
PL.12420	PL.12483	B	#1/0 ACSR	7.44Y	123.9	0.00	1.07	1.45	1	10	3	96	0.00	0.0	3.476	0.046	10	3	1	1
PL.12476	PL.12416	C	#2 ACSR	7.44Y	124.0	0.00	1.04	0.62	0	4	1	97	0.00	0.0	3.329	0.005	0	0	0	1
PD.2122	PL.12476	C	65T	7.44Y	124.0	0.00	1.04	0.62	0	4	1	97	0.00	0.0	3.329	0.005	0	0	0	1
PL.12477	PD.2122	C	#2 ACSR	7.44Y	124.0	0.00	1.04	0.62	0	4	1	97	0.00	0.0	3.382	0.053	4	1	1	1
PL.12478	PL.12408	A	#4 ACSR	7.44Y	124.0	0.00	1.04	4.15	3	30	9	96	0.00	0.0	3.311	0.005	0	0	0	6
PD.2123	PL.12478	A	65T	7.44Y	124.0	0.00	1.04	4.15	0	30	9	96	0.00	0.0	3.311	0.005	0	0	0	6
PL.12479	PD.2123	A	#4 ACSR	7.44Y	123.9	0.01	1.05	4.15	3	30	9	96	0.00	0.0	3.397	0.086	13	4	3	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	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12449	PL.12479	A	#4 ACSR	7.44Y	123.9	0.00	1.05	2.39	2	17	5	96	0.00	0.0	3.432	0.035	17	5	3	3
PL.12492	PL.12414	A	#4 ACSR	7.44Y	124.0	0.00	1.01	0.48	0	3	1	95	0.00	0.0	3.220	0.005	0	0	0	1
PD.2130	PL.12492	A	65T	7.44Y	124.0	0.00	1.01	0.48	0	3	1	95	0.00	0.0	3.220	0.005	0	0	0	1
PL.12493	PD.2130	A	#4 ACSR	7.44Y	124.0	0.00	1.01	0.48	0	3	1	95	0.00	0.0	3.265	0.045	3	1	1	1
PL.12484	PL.12430	A	6 A (CWC)	7.44Y	124.0	0.00	0.99	1.35	1	10	3	96	0.00	0.0	3.139	0.005	0	0	0	2
PD.2126	PL.12484	A	65T	7.44Y	124.0	0.00	0.99	1.35	0	10	3	96	0.00	0.0	3.139	0.005	0	0	0	2
PL.12485	PD.2126	A	6 A (CWC)	7.44Y	124.0	0.00	0.99	1.35	1	10	3	96	0.00	0.0	3.159	0.021	10	3	2	2
CP.22	PL.12510	ABC	Cap (300)	7.44Y	124.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	2.943	0.021	0	0	0	0
PL.12488	PL.12429	A	#2 ACSR	7.45Y	124.1	0.00	0.90	1.27	1	9	3	95	0.00	0.0	2.835	0.005	0	0	0	1
PD.2128	PL.12488	A	65T	7.45Y	124.1	0.00	0.90	1.27	0	9	3	95	0.00	0.0	2.835	0.005	0	0	0	1
PL.12489	PD.2128	A	#2 ACSR	7.45Y	124.1	0.00	0.90	1.27	1	9	3	95	0.00	0.0	2.856	0.021	9	3	1	1
PL.12490	PL.12428	C	#1/0 ACSR	7.45Y	124.2	0.00	0.80	0.80	0	6	2	95	0.00	0.0	2.520	0.005	0	0	0	1
PD.2129	PL.12490	C	65T	7.45Y	124.2	0.00	0.80	0.80	0	6	2	95	0.00	0.0	2.520	0.005	0	0	0	1
PL.12491	PD.2129	C	#1/0 ACSR	7.45Y	124.2	0.00	0.80	0.80	0	6	2	95	0.00	0.0	2.558	0.038	6	2	1	1
PL.12486	PL.12460	C	6 A (CWC)	7.46Y	124.3	0.00	0.68	0.13	0	1	0	100	0.00	0.0	2.151	0.005	0	0	0	1
PD.2127	PL.12486	C	65T	7.46Y	124.3	0.00	0.68	0.13	0	1	0	100	0.00	0.0	2.151	0.005	0	0	0	1
PL.12487	PD.2127	C	6 A (CWC)	7.46Y	124.3	0.00	0.69	0.13	0	1	0	100	0.00	0.0	2.248	0.097	1	0	1	1
PL.14246	South Fork	ABC	#1/0 ACSR	7.50Y	125.0	0.00	0.00	28.01	12	603	183	96	0.01	0.0	0.005	0.005	0	0	0	162
PL.72572	PL.14246	ABC	#1/0 ACSR	7.50Y	125.0	0.00	0.00	28.01	12	603	183	96	0.01	0.0	0.009	0.004	0	0	0	162
---------- Feeder No. 1 (Bear Run F1) Beginning with Device PD.11212 ----------																				
PD.11212	PL.72572	ABC	300VWE	7.50Y	125.0	0.00	0.00	28.01	0	603	183	96	0.00	0.0	0.009	0.004	0	0	0	162
PL.14245	PD.11212	ABC	#1/0 ACSR	7.50Y	125.0	0.00	0.01	28.01	12	603	183	96	0.02	0.0	0.018	0.009	0	0	0	162
PL.12516	PL.14245	ABC	#1/0 ACSR	7.50Y	125.0	0.02	0.03	28.01	12	603	183	96	0.07	0.0	0.051	0.033	0	0	0	162
PL.12517	PL.12516	ABC	#1/0 ACSR	7.50Y	124.9	0.05	0.08	28.01	12	603	183	96	0.20	0.0	0.149	0.097	0	0	1	162
PL.12518	PL.12517	ABC	#1/0 ACSR	7.49Y	124.9	0.05	0.13	27.81	12	599	181	96	0.20	0.0	0.247	0.099	0	0	0	159
PL.12846	PL.12518	ABC	#1/0 ACSR	7.49Y	124.8	0.05	0.18	27.81	12	598	181	96	0.20	0.0	0.345	0.097	6	2	1	159
PL.12994	PL.12846	C	6 A (CWC)	7.49Y	124.8	0.00	0.18	0.22	0	2	0	100	0.00	0.0	0.349	0.005	0	0	0	4
PD.2220	PL.12994	C	50T	7.49Y	124.8	0.00	0.18	0.22	0	2	0	100	0.00	0.0	0.349	0.005	0	0	0	4
PL.12995	PD.2220	C	6 A (CWC)	7.49Y	124.8	0.00	0.18	0.22	0	2	0	100	0.00	0.0	0.372	0.023	1	0	1	4

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Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12520	PL.12995	C	6 A (CWC)	7.49Y	124.8	0.00	0.18	0.07	0	1	0	100	0.00	0.0	0.399	0.028	1	0	2	3
PL.12521	PL.12520	C	6 A (CWC)	7.49Y	124.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.530	0.131	0	0	0	1
PL.12533	PL.12521	C	6 A (CWC)	7.49Y	124.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.589	0.059	0	0	1	1
PL.12519	PL.12846	ABC	#1/0 ACSR	7.49Y	124.8	0.05	0.22	27.47	12	591	179	96	0.18	0.0	0.436	0.091	0	0	0	154
PL.12522	PL.12519	ABC	#1/0 ACSR	7.49Y	124.8	0.01	0.24	27.47	12	591	178	96	0.06	0.0	0.465	0.029	0	0	0	154
PL.12523	PL.12522	ABC	#1/0 ACSR	7.48Y	124.7	0.03	0.27	27.47	12	591	178	96	0.14	0.0	0.535	0.070	0	0	0	154
PL.12524	PL.12523	ABC	#1/0 ACSR	7.48Y	124.7	0.03	0.30	27.47	12	590	178	96	0.12	0.0	0.597	0.062	0	0	0	154
PL.12525	PL.12524	ABC	#1/0 ACSR	7.48Y	124.7	0.03	0.33	26.84	12	577	174	96	0.10	0.0	0.649	0.052	0	0	0	152
PL.12527	PL.12525	ABC	#1/0 ACSR	7.48Y	124.7	0.02	0.34	26.84	12	577	174	96	0.07	0.0	0.683	0.034	0	0	1	152
PL.12528	PL.12527	ABC	#1/0 ACSR	7.48Y	124.6	0.03	0.38	26.84	12	576	174	96	0.14	0.0	0.754	0.071	0	0	0	151
PL.12529	PL.12528	ABC	#1/0 ACSR	7.48Y	124.6	0.03	0.40	26.84	12	576	174	96	0.10	0.0	0.806	0.052	0	0	0	151
PL.12530	PL.12529	ABC	#1/0 ACSR	7.47Y	124.5	0.07	0.47	26.84	12	576	174	96	0.27	0.0	0.946	0.140	0	0	0	151
PL.12847	PL.12530	ABC	#1/0 ACSR	7.47Y	124.5	0.03	0.50	26.84	12	576	174	96	0.10	0.0	1.000	0.055	0	0	0	151
PL.12535	PL.12847	ABC	#1/0 ACSR	7.47Y	124.5	0.04	0.54	26.84	12	576	173	96	0.17	0.0	1.087	0.087	0	0	0	151
PL.12536	PL.12535	ABC	#1/0 ACSR	7.47Y	124.4	0.03	0.57	26.84	12	576	173	96	0.11	0.0	1.142	0.055	4	1	1	151
PL.12537	PL.12536	ABC	#1/0 ACSR	7.46Y	124.4	0.04	0.61	26.65	12	571	172	96	0.16	0.0	1.226	0.084	0	0	0	150
PL.12538	PL.12537	ABC	#1/0 ACSR	7.46Y	124.3	0.04	0.65	26.65	12	571	172	96	0.17	0.0	1.319	0.092	0	0	0	150
PL.12539	PL.12538	ABC	#1/0 ACSR	7.46Y	124.3	0.02	0.67	26.65	12	571	172	96	0.08	0.0	1.360	0.041	3	1	1	150
PL.12540	PL.12539	ABC	#1/0 ACSR	7.46Y	124.3	0.01	0.69	26.51	12	568	171	96	0.05	0.0	1.385	0.025	0	0	0	149
PL.12541	PL.12540	ABC	#1/0 ACSR	7.46Y	124.3	0.02	0.70	26.51	12	568	171	96	0.06	0.0	1.418	0.033	0	0	0	149
PL.12542	PL.12541	ABC	#1/0 ACSR	7.46Y	124.3	0.02	0.72	26.51	12	568	171	96	0.07	0.0	1.456	0.038	0	0	0	149
PL.12543	PL.12542	ABC	#1/0 ACSR	7.45Y	124.2	0.03	0.75	26.51	12	568	171	96	0.13	0.0	1.524	0.068	0	0	0	149
PL.12544	PL.12543	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.77	26.51	12	568	170	96	0.07	0.0	1.561	0.037	0	0	0	149
PL.12545	PL.12544	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.79	26.00	11	557	167	96	0.06	0.0	1.597	0.035	0	0	0	148
PL.12546	PL.12545	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.81	26.00	11	557	167	96	0.06	0.0	1.633	0.036	0	0	0	148
PL.12998	PL.12546	ABC	#1/0 ACSR	7.45Y	124.2	0.00	0.81	26.00	11	557	167	96	0.01	0.0	1.637	0.005	0	0	0	148
PD.2222-A	PL.12998	ABC	Closed	7.45Y	124.2	0.00	0.81	26.00	0	557	167	96	0.00	0.0	1.637	0.005	0	0	0	148
PD.2222-B	PD.2222-A	ABC	Closed	7.45Y	124.2	0.00	0.81	26.00	0	557	167	96	0.00	0.0	1.637	0.005	0	0	0	148
PL.12999	PD.2222-B	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.83	26.00	11	557	167	96	0.08	0.0	1.684	0.046	0	0	0	148
PL.12548	PL.12999	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.85	26.00	11	557	167	96	0.07	0.0	1.722	0.038	0	0	0	148
PL.12549	PL.12548	ABC	#1/0 ACSR	7.45Y	124.1	0.03	0.87	26.00	11	556	167	96	0.10	0.0	1.777	0.056	0	0	0	148

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12551	PL.12549	ABC	#1/0 ACSR	7.45Y	124.1	0.03	0.90	26.00	11	556	167	96	0.12	0.0	1.841	0.064	0	0	0	148
PL.12982	PL.12551	A	#1/0 ACSR	7.45Y	124.1	0.00	0.90	0.51	0	4	1	97	0.00	0.0	1.846	0.005	0	0	0	1
PD.2214	PL.12982	A	50T	7.45Y	124.1	0.00	0.90	0.51	0	4	1	97	0.00	0.0	1.846	0.005	0	0	0	1
PL.12983	PD.2214	A	#1/0 ACSR	7.45Y	124.1	0.00	0.90	0.51	0	4	1	97	0.00	0.0	1.874	0.028	4	1	1	1
PL.12992	PL.12551	C	#1/0 ACSR	7.45Y	124.1	0.00	0.90	0.09	0	1	0	100	0.00	0.0	1.846	0.005	0	0	0	2
PD.2219	PL.12992	C	50T	7.45Y	124.1	0.00	0.90	0.09	0	1	0	100	0.00	0.0	1.846	0.005	0	0	0	2
PL.12993	PD.2219	C	#1/0 ACSR	7.45Y	124.1	0.00	0.90	0.09	0	1	0	100	0.00	0.0	1.864	0.018	1	0	2	2
PL.12552	PL.12551	ABC	#1/0 ACSR	7.44Y	124.0	0.05	0.96	25.80	11	552	165	96	0.20	0.0	1.952	0.111	0	0	0	145
PL.12553	PL.12552	ABC	#1/0 ACSR	7.44Y	124.0	0.03	0.99	25.80	11	552	165	96	0.11	0.0	2.016	0.064	0	0	0	145
PL.12554	PL.12553	ABC	#1/0 ACSR	7.44Y	124.0	0.03	1.01	25.80	11	552	165	96	0.10	0.0	2.074	0.058	0	0	0	145
PL.12555	PL.12554	ABC	#1/0 ACSR	7.44Y	123.9	0.07	1.08	25.80	11	552	165	96	0.26	0.0	2.220	0.146	0	0	0	145
PL.12556	PL.12555	ABC	#1/0 ACSR	7.43Y	123.9	0.03	1.11	25.50	11	545	163	96	0.10	0.0	2.279	0.059	0	0	0	143
PL.12557	PL.12556	ABC	#1/0 ACSR	7.43Y	123.9	0.03	1.14	25.50	11	545	163	96	0.10	0.0	2.339	0.059	0	0	0	143
PL.12558	PL.12557	ABC	#1/0 ACSR	7.43Y	123.9	0.00	1.14	25.08	11	536	160	96	0.02	0.0	2.348	0.009	0	0	0	142
PL.12559	PL.12558	ABC	#1/0 ACSR	7.43Y	123.8	0.03	1.17	25.08	11	536	160	96	0.11	0.0	2.415	0.067	0	0	0	142
PL.12560	PL.12559	ABC	#1/0 ACSR	7.43Y	123.8	0.05	1.22	24.97	11	533	159	96	0.17	0.0	2.518	0.103	0	0	0	141
PL.12561	PL.12560	ABC	#1/0 ACSR	7.42Y	123.7	0.05	1.27	24.97	11	533	159	96	0.18	0.0	2.624	0.106	0	0	0	141
PL.12840	PL.12561	ABC	#1/0 ACSR	7.42Y	123.7	0.02	1.28	24.23	11	517	154	96	0.05	0.0	2.658	0.034	0	0	0	140
PL.12566	PL.12840	ABC	#1/0 ACSR	7.42Y	123.7	0.02	1.31	24.23	11	517	154	96	0.08	0.0	2.709	0.051	0	0	0	140
PL.12567	PL.12566	ABC	#1/0 ACSR	7.42Y	123.7	0.02	1.33	24.23	11	517	154	96	0.08	0.0	2.761	0.052	0	0	0	140
PL.12568	PL.12567	ABC	#1/0 ACSR	7.42Y	123.7	0.02	1.34	24.23	11	517	154	96	0.05	0.0	2.796	0.035	6	2	1	140
PL.13003	PL.12568	A	6 A (CWC)	7.42Y	123.7	0.00	1.35	6.77	5	48	14	96	0.00	0.0	2.799	0.003	0	0	0	16
PD.2224	PL.13003	A	50L	7.42Y	123.7	0.00	1.35	6.77	14	48	14	96	0.00	0.0	2.799	0.003	0	0	0	16
PL.13002	PD.2224	A	6 A (CWC)	7.42Y	123.6	0.05	1.39	6.77	5	48	14	96	0.02	0.0	2.951	0.151	0	0	0	16
PL.12578	PL.13002	A	6 A (CWC)	7.41Y	123.6	0.03	1.42	6.27	4	45	13	96	0.01	0.0	3.054	0.104	0	0	0	15
PL.12579	PL.12578	A	6 A (CWC)	7.41Y	123.6	0.03	1.45	6.27	4	45	13	96	0.01	0.0	3.148	0.094	0	0	0	15
PL.12580	PL.12579	A	6 A (CWC)	7.41Y	123.5	0.02	1.47	6.27	4	45	13	96	0.01	0.0	3.230	0.082	0	0	0	15
PL.12574	PL.12580	A	6 A (CWC)	7.41Y	123.5	0.03	1.50	6.27	4	45	13	96	0.01	0.0	3.335	0.105	0	0	0	15
PL.12573	PL.12574	A	6 A (CWC)	7.41Y	123.5	0.03	1.53	6.27	4	45	13	96	0.01	0.0	3.443	0.108	0	0	0	15
PL.12572	PL.12573	A	6 A (CWC)	7.41Y	123.4	0.04	1.57	6.27	4	45	13	96	0.01	0.0	3.565	0.122	0	0	0	15
PL.12571	PL.12572	A	6 A (CWC)	7.41Y	123.4	0.00	1.57	0.01	0	0	0	100	0.00	0.0	3.640	0.075	0	0	0	2

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12873	PL.12571	A	6 A (CWC)	7.41Y	123.4	0.00	1.57	0.01	0	0	0	100	0.00	0.0	3.687	0.047	0	0	1	2
PL.12874	PL.12873	A	6 A (CWC)	7.41Y	123.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	3.736	0.049	0	0	1	1
PL.12581	PL.12572	A	6 A (CWC)	7.40Y	123.4	0.07	1.64	6.26	4	45	13	96	0.02	0.1	3.797	0.232	0	0	0	13
PL.12582	PL.12581	A	6 A (CWC)	7.40Y	123.3	0.04	1.68	6.26	4	44	13	96	0.01	0.0	3.936	0.139	0	0	0	13
PL.12583	PL.12582	A	#2 ACSR	7.40Y	123.3	0.00	1.68	2.30	1	16	5	95	0.00	0.0	3.988	0.052	9	3	1	2
PL.12584	PL.12583	A	#2 ACSR	7.40Y	123.3	0.00	1.68	1.02	1	7	2	96	0.00	0.0	4.021	0.033	7	2	1	1
PL.12585	PL.12582	A	6 A (CWC)	7.40Y	123.3	0.02	1.70	3.72	3	26	8	96	0.00	0.0	4.069	0.133	9	3	3	10
PL.12589	PL.12585	A	6 A (CWC)	7.40Y	123.3	0.00	1.70	1.76	1	13	4	96	0.00	0.0	4.090	0.021	0	0	0	5
PL.12590	PL.12589	A	6 A (CWC)	7.40Y	123.3	0.00	1.70	1.76	1	13	4	96	0.00	0.0	4.111	0.022	0	0	0	5
PL.12591	PL.12590	A	6 A (CWC)	7.40Y	123.3	0.00	1.70	1.76	1	13	4	96	0.00	0.0	4.143	0.032	6	2	2	5
PL.12879	PL.12591	A	6 A (CWC)	7.40Y	123.3	0.00	1.70	0.98	1	7	2	96	0.00	0.0	4.216	0.072	2	1	2	3
PL.12880	PL.12879	A	6 A (CWC)	7.40Y	123.3	0.00	1.70	0.66	0	5	1	98	0.00	0.0	4.279	0.063	5	1	1	1
PL.12588	PL.12585	A	#2 ACSR	7.40Y	123.3	0.00	1.70	0.67	0	5	1	98	0.00	0.0	4.102	0.033	0	0	0	2
PL.12586	PL.12588	A	#2 ACSR	7.40Y	123.3	0.00	1.70	0.67	0	5	1	98	0.00	0.0	4.152	0.050	2	0	1	2
PL.12587	PL.12586	A	#2 ACSR	7.40Y	123.3	0.00	1.70	0.46	0	3	1	95	0.00	0.0	4.202	0.050	3	1	1	1
PL.12845	PL.12582	A	6 A (CWC)	7.40Y	123.3	0.00	1.68	0.24	0	2	0	100	0.00	0.0	3.994	0.058	2	0	1	1
PL.12576	PL.13002	A	#4 ACSR	7.42Y	123.6	0.00	1.39	0.50	0	4	1	97	0.00	0.0	3.072	0.122	0	0	0	1
PL.12575	PL.12576	A	#2 ACSR	7.42Y	123.6	0.00	1.40	0.50	0	4	1	97	0.00	0.0	3.141	0.068	4	1	1	1
PL.12569	PL.12568	ABC	#1/0 ACSR	7.42Y	123.7	0.00	1.35	21.70	9	463	138	96	0.01	0.0	2.808	0.011	0	0	0	123
PL.12570	PL.12569	ABC	#1/0 ACSR	7.42Y	123.6	0.02	1.37	21.70	9	463	138	96	0.07	0.0	2.866	0.058	0	0	0	123
PL.12592	PL.12570	ABC	#1/0 ACSR	7.42Y	123.6	0.03	1.40	21.70	9	463	138	96	0.08	0.0	2.933	0.066	0	0	0	123
PL.12593	PL.12592	ABC	#1/0 ACSR	7.41Y	123.6	0.03	1.43	21.70	9	463	138	96	0.09	0.0	3.005	0.073	0	0	0	123
PL.12594	PL.12593	ABC	#1/0 ACSR	7.41Y	123.6	0.01	1.44	14.68	6	313	94	96	0.02	0.0	3.045	0.040	0	0	0	84
PL.12968	PL.12594	C	#2 ACSR	7.41Y	123.6	0.00	1.44	0.20	0	1	0	100	0.00	0.0	3.050	0.005	0	0	0	1
PD.2207	PL.12968	C	50T	7.41Y	123.6	0.00	1.44	0.20	0	1	0	100	0.00	0.0	3.050	0.005	0	0	0	1
PL.12969	PD.2207	C	#2 ACSR	7.41Y	123.6	0.00	1.44	0.20	0	1	0	100	0.00	0.0	3.068	0.019	1	0	1	1
PL.12726	PL.12594	ABC	#1/0 ACSR	7.41Y	123.5	0.02	1.45	14.61	6	311	93	96	0.03	0.0	3.101	0.056	0	0	0	83
PL.12727	PL.12726	ABC	#1/0 ACSR	7.41Y	123.5	0.02	1.47	14.61	6	311	93	96	0.03	0.0	3.161	0.060	0	0	0	83
PL.12728	PL.12727	ABC	#1/0 ACSR	7.41Y	123.5	0.01	1.48	14.61	6	311	93	96	0.03	0.0	3.217	0.056	0	0	0	83
PL.13006	PL.12728	ABC	#1/0 ACSR	7.41Y	123.5	0.00	1.48	14.61	6	311	93	96	0.00	0.0	3.220	0.003	0	0	0	83
PD.2226	PL.13006	ABC	50L	7.41Y	123.5	0.00	1.48	14.61	29	311	93	96	0.00	0.0	3.220	0.003	0	0	0	83

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13007	PD.2226	ABC	#1/0 ACSR	7.41Y	123.5	0.01	1.50	14.61	6	311	93	96	0.02	0.0	3.263	0.043	0	0	0	83
PL.12729	PL.13007	ABC	#1/0 ACSR	7.41Y	123.5	0.02	1.51	14.61	6	311	93	96	0.04	0.0	3.331	0.068	0	0	0	83
PL.12730	PL.12729	ABC	#1/0 ACSR	7.41Y	123.5	0.02	1.53	14.61	6	311	93	96	0.04	0.0	3.408	0.078	0	0	0	83
PL.12731	PL.12730	ABC	#1/0 ACSR	7.41Y	123.5	0.01	1.55	14.61	6	311	93	96	0.03	0.0	3.453	0.045	0	0	0	83
PL.12732	PL.12731	ABC	#1/0 ACSR	7.41Y	123.4	0.02	1.57	14.22	6	303	91	96	0.04	0.0	3.528	0.074	0	0	0	82
PL.12964	PL.12732	A	#2 ACSR	7.41Y	123.4	0.00	1.57	0.44	0	3	1	95	0.00	0.0	3.532	0.005	0	0	0	2
PD.2205	PL.12964	A	20T	7.41Y	123.4	0.00	1.57	0.44	0	3	1	95	0.00	0.0	3.532	0.005	0	0	0	2
PL.12965	PD.2205	A	#2 ACSR	7.41Y	123.4	0.00	1.57	0.44	0	3	1	95	0.00	0.0	3.554	0.022	3	1	2	2
PL.12733	PL.12732	ABC	#1/0 ACSR	7.40Y	123.4	0.02	1.59	14.07	6	299	90	96	0.04	0.0	3.605	0.077	0	0	0	80
PL.12734	PL.12733	ABC	#1/0 ACSR	7.40Y	123.4	0.03	1.62	14.07	6	299	90	96	0.06	0.0	3.726	0.122	0	0	0	80
PL.12735	PL.12734	ABC	#1/0 ACSR	7.40Y	123.4	0.02	1.63	14.07	6	299	90	96	0.03	0.0	3.791	0.065	0	0	0	80
PL.12736	PL.12735	ABC	#1/0 ACSR	7.40Y	123.3	0.02	1.65	14.07	6	299	90	96	0.04	0.0	3.875	0.084	0	0	0	80
PL.12737	PL.12736	ABC	#1/0 ACSR	7.40Y	123.3	0.03	1.69	14.07	6	299	90	96	0.07	0.0	3.999	0.124	0	0	0	80
PL.12853	PL.12737	ABC	#1/0 ACSR	7.40Y	123.3	0.03	1.71	14.07	6	299	89	96	0.06	0.0	4.104	0.106	0	0	0	80
PL.12738	PL.12853	ABC	336 MCM AC	7.40Y	123.3	0.00	1.72	14.07	3	299	89	96	0.01	0.0	4.139	0.035	0	0	0	80
PL.12739	PL.12738	ABC	336 MCM AC	7.40Y	123.3	0.00	1.72	14.07	3	299	89	96	0.01	0.0	4.176	0.037	0	0	0	80
PL.12740	PL.12739	ABC	336 MCM AC	7.40Y	123.3	0.00	1.73	14.07	3	299	89	96	0.01	0.0	4.215	0.039	0	0	0	80
PL.12741	PL.12740	ABC	336 MCM AC	7.40Y	123.3	0.00	1.73	14.07	3	299	89	96	0.01	0.0	4.250	0.035	0	0	0	80
PL.12742	PL.12741	ABC	336 MCM AC	7.40Y	123.3	0.01	1.74	14.07	3	299	89	96	0.01	0.0	4.310	0.060	0	0	0	80
PL.12743	PL.12742	ABC	336 MCM AC	7.40Y	123.3	0.01	1.74	14.07	3	299	89	96	0.01	0.0	4.369	0.058	0	0	0	80
PL.12744	PL.12743	ABC	336 MCM AC	7.40Y	123.3	0.00	1.75	14.07	3	299	89	96	0.01	0.0	4.403	0.034	4	1	1	80
PL.12745	PL.12744	ABC	336 MCM AC	7.39Y	123.2	0.01	1.75	13.87	3	295	88	96	0.01	0.0	4.459	0.057	0	0	0	79
PL.12746	PL.12745	ABC	336 MCM AC	7.39Y	123.2	0.00	1.76	13.87	3	295	88	96	0.01	0.0	4.497	0.037	0	0	0	79
PL.12747	PL.12746	ABC	336 MCM AC	7.39Y	123.2	0.00	1.76	13.87	3	295	88	96	0.01	0.0	4.533	0.036	0	0	1	79
PL.12748	PL.12747	ABC	336 MCM AC	7.39Y	123.2	0.01	1.76	13.87	3	295	88	96	0.01	0.0	4.584	0.051	4	1	1	78
PL.12749	PL.12748	ABC	336 MCM AC	7.39Y	123.2	0.01	1.77	13.66	3	290	87	96	0.01	0.0	4.648	0.065	0	0	1	77
PL.12750	PL.12749	ABC	336 MCM AC	7.39Y	123.2	0.00	1.78	13.66	3	290	87	96	0.01	0.0	4.692	0.044	0	0	0	76
PL.12751	PL.12750	ABC	336 MCM AC	7.39Y	123.2	0.01	1.79	13.66	3	290	87	96	0.02	0.0	4.825	0.133	0	0	0	76
PL.12752	PL.12751	ABC	336 MCM AC	7.39Y	123.2	0.01	1.80	13.66	3	290	87	96	0.01	0.0	4.893	0.068	0	0	0	76
PL.12753	PL.12752	ABC	336 MCM AC	7.39Y	123.2	0.00	1.80	13.66	3	290	87	96	0.01	0.0	4.934	0.041	0	0	0	76
PL.12754	PL.12753	ABC	336 MCM AC	7.39Y	123.2	0.00	1.81	13.55	3	288	86	96	0.01	0.0	4.976	0.043	0	0	0	75

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
PL.12756	PL.12754	ABC	336 MCM AC	7.39Y	123.2	0.01	1.82	13.55	3	288	86	96	0.02	0.0	5.092	0.116	0	0	0	75	
PL.12757	PL.12756	ABC	336 MCM AC	7.39Y	123.2	0.01	1.83	13.55	3	288	86	96	0.02	0.0	5.193	0.101	0	0	0	75	
PL.12758	PL.12757	ABC	336 MCM AC	7.39Y	123.2	0.01	1.83	13.55	3	288	86	96	0.01	0.0	5.245	0.052	0	0	0	75	
PL.12759	PL.12758	ABC	336 MCM AC	7.39Y	123.2	0.01	1.84	13.55	3	288	86	96	0.01	0.0	5.315	0.070	0	0	1	75	
PL.12760	PL.12759	ABC	336 MCM AC	7.39Y	123.2	0.01	1.85	13.40	3	285	85	96	0.01	0.0	5.398	0.083	0	0	0	73	
PL.12762	PL.12760	ABC	336 MCM AC	7.39Y	123.1	0.01	1.85	13.08	3	278	83	96	0.01	0.0	5.454	0.056	0	0	0	72	
PL.12763	PL.12762	ABC	336 MCM AC	7.39Y	123.1	0.00	1.86	13.08	3	278	83	96	0.00	0.0	5.488	0.034	0	0	0	72	
PL.12764	PL.12763	ABC	336 MCM AC	7.39Y	123.1	0.01	1.87	13.08	3	278	83	96	0.01	0.0	5.573	0.085	0	0	0	72	
PL.12996	PL.12764	ABC	#2 ACSR	7.39Y	123.1	0.00	1.87	0.00	0	0	0	100	0.00	0.0	5.648	0.075	0	0	0	0	
PD.2221-A	PL.12996	ABC	Open	7.39Y	123.1	0.00	1.87	0.00	0	0	0	100	0.00	0.0	5.648	0.075	0	0	0	0	
PL.12765	PL.12764	B	#1/0 ACSR	7.39Y	123.1	0.01	1.88	39.24	17	278	83	96	0.03	0.0	5.588	0.015	0	0	0	72	
PL.13000	PL.12765	B	#1/0 ACSR	7.39Y	123.1	0.00	1.88	39.24	17	278	83	96	0.00	0.0	5.591	0.003	0	0	0	72	
C PD.2223	PL.13000	B	35L	7.39Y	123.1	0.00	1.88	39.24	112	278	83	96	0.00	0.0	5.591	0.003	0	0	0	72	C
PL.13001	PD.2223	B	#1/0 ACSR	7.39Y	123.1	0.03	1.91	39.24	17	278	83	96	0.05	0.0	5.624	0.033	11	3	1	72	
PL.12766	PL.13001	B	#1/0 ACSR	7.38Y	123.0	0.04	1.95	36.61	16	259	77	96	0.07	0.0	5.672	0.048	3	1	2	70	
PL.12770	PL.12766	B	#4 ACSR	7.38Y	123.0	0.00	1.96	1.59	1	11	3	96	0.00	0.0	5.687	0.014	0	0	1	5	
PL.12875	PL.12770	B	#4 ACSR	7.38Y	123.0	0.00	1.96	1.59	1	11	3	96	0.00	0.0	5.727	0.040	3	1	1	4	
PL.12876	PL.12875	B	#4 ACSR	7.38Y	123.0	0.00	1.96	1.18	1	8	2	97	0.00	0.0	5.751	0.024	8	2	3	3	
PL.12768	PL.12766	B	#1/0 ACSR	7.38Y	123.0	0.01	1.97	33.35	14	236	70	96	0.02	0.0	5.688	0.016	4	1	1	61	
PL.12769	PL.12768	B	#1/0 ACSR	7.38Y	123.0	0.03	1.99	32.80	14	232	69	96	0.04	0.0	5.722	0.033	1	0	6	60	
PL.12774	PL.12769	B	#1/0 ACSR	7.38Y	123.0	0.05	2.04	32.68	14	231	69	96	0.07	0.0	5.781	0.059	0	0	0	54	
PL.25707	PL.12774	B	#1/0 ACSR	7.38Y	123.0	0.00	2.04	0.32	0	2	1	89	0.00	0.0	5.843	0.062	2	1	1	1	
PL.12775	PL.12774	B	#1/0 ACSR	7.38Y	122.9	0.04	2.08	32.37	14	229	68	96	0.07	0.0	5.839	0.059	0	0	0	53	
PL.12776	PL.12775	B	#1/0 ACSR	7.37Y	122.9	0.04	2.12	32.37	14	229	68	96	0.06	0.0	5.893	0.053	0	0	0	53	
PL.12777	PL.12776	B	#1/0 ACSR	7.37Y	122.8	0.05	2.17	32.37	14	229	68	96	0.07	0.0	5.952	0.060	0	0	0	53	
PL.12778	PL.12777	B	#1/0 ACSR	7.37Y	122.8	0.06	2.22	32.37	14	229	68	96	0.08	0.0	6.025	0.073	0	0	0	53	
PL.12779	PL.12778	B	#1/0 ACSR	7.36Y	122.7	0.04	2.26	30.74	13	217	64	96	0.06	0.0	6.080	0.055	1	0	1	50	
PL.12780	PL.12779	B	#1/0 ACSR	7.36Y	122.7	0.03	2.29	30.63	13	216	64	96	0.04	0.0	6.121	0.041	0	0	0	49	
PL.12783	PL.12780	B	#1/0 ACSR	7.36Y	122.7	0.00	2.29	0.20	0	1	0	100	0.00	0.0	6.135	0.014	1	0	1	1	
PL.12784	PL.12780	B	#1/0 ACSR	7.36Y	122.7	0.01	2.31	30.43	13	215	64	96	0.02	0.0	6.140	0.019	0	0	0	48	
PL.12956	PL.12784	B	#1/0 ACSR	7.36Y	122.7	0.00	2.31	2.67	1	19	6	95	0.00	0.0	6.144	0.005	0	0	0	4	

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.2201	PL.12956	B	15T	7.36Y	122.7	0.00	2.31	2.67	0	19	6	95	0.00	0.0	6.144	0.005	0	0	0	4
PL.12957	PD.2201	B	#1/0 ACSR	7.36Y	122.7	0.00	2.31	2.67	1	19	6	95	0.00	0.0	6.183	0.039	13	4	2	4
PL.12872	PL.12957	B	#1/0 ACSR	7.36Y	122.7	0.00	2.31	0.88	0	6	2	95	0.00	0.0	6.224	0.040	6	2	2	2
PL.12785	PL.12784	B	#1/0 ACSR	7.36Y	122.6	0.05	2.35	27.76	12	196	58	96	0.06	0.0	6.214	0.074	0	0	0	44
PL.12786	PL.12785	B	#1/0 ACSR	7.36Y	122.6	0.04	2.40	27.76	12	196	58	96	0.05	0.0	6.277	0.064	1	0	1	44
PL.12787	PL.12786	B	#1/0 ACSR	7.36Y	122.6	0.02	2.41	27.59	12	195	58	96	0.02	0.0	6.307	0.029	4	1	2	43
PL.12788	PL.12787	B	#1/0 ACSR	7.35Y	122.6	0.03	2.45	27.02	12	191	56	96	0.04	0.0	6.360	0.054	0	0	0	41
PL.12789	PL.12788	B	#1/0 ACSR	7.35Y	122.5	0.03	2.48	27.02	12	190	56	96	0.04	0.0	6.414	0.053	0	0	0	41
PL.12790	PL.12789	B	#1/0 ACSR	7.35Y	122.5	0.04	2.52	27.02	12	190	56	96	0.05	0.0	6.478	0.065	0	0	0	41
PL.12792	PL.12790	B	#1/0 ACSR	7.35Y	122.5	0.00	2.52	0.03	0	0	0	100	0.00	0.0	6.496	0.018	0	0	0	2
PL.12942	PL.12792	B	6 A (CWC)	7.35Y	122.5	0.00	2.52	0.03	0	0	0	100	0.00	0.0	6.501	0.005	0	0	0	2
PD.2195	PL.12942	B	15T	7.35Y	122.5	0.00	2.52	0.03	0	0	0	100	0.00	0.0	6.501	0.005	0	0	0	2
PL.12943	PD.2195	B	6 A (CWC)	7.35Y	122.5	0.00	2.52	0.03	0	0	0	100	0.00	0.0	6.613	0.112	0	0	1	2
PL.12793	PL.12943	B	6 A (CWC)	7.35Y	122.5	0.00	2.52	0.00	0	0	0	100	0.00	0.0	6.699	0.086	0	0	1	1
PL.12791	PL.12790	B	#1/0 ACSR	7.35Y	122.4	0.05	2.57	26.99	12	190	56	96	0.06	0.0	6.550	0.072	0	0	0	39
PL.12941	PL.12791	B	#2 ACSR	7.35Y	122.4	0.00	2.57	2.21	1	16	5	95	0.00	0.0	6.555	0.005	0	0	0	2
PD.2194	PL.12941	B	15T	7.35Y	122.4	0.00	2.57	2.21	0	16	5	95	0.00	0.0	6.555	0.005	0	0	0	2
PL.12940	PD.2194	B	#2 ACSR	7.35Y	122.4	0.00	2.57	2.21	1	16	5	95	0.00	0.0	6.606	0.051	16	5	2	2
PL.12794	PL.12791	B	#1/0 ACSR	7.34Y	122.4	0.05	2.62	24.78	11	175	52	96	0.05	0.0	6.631	0.081	0	0	0	37
PL.12938	PL.12794	B	#1/0 ACSR	7.34Y	122.4	0.00	2.62	0.87	0	6	2	95	0.00	0.0	6.636	0.005	0	0	0	1
PD.2193	PL.12938	B	15T	7.34Y	122.4	0.00	2.62	0.87	0	6	2	95	0.00	0.0	6.636	0.005	0	0	0	1
PL.12939	PD.2193	B	#1/0 ACSR	7.34Y	122.4	0.00	2.62	0.87	0	6	2	95	0.00	0.0	6.666	0.030	6	2	1	1
PL.12795	PL.12794	B	#1/0 ACSR	7.34Y	122.3	0.04	2.65	23.91	10	168	50	96	0.04	0.0	6.697	0.066	0	0	0	36
PL.12796	PL.12795	B	#1/0 ACSR	7.34Y	122.3	0.04	2.69	23.91	10	168	50	96	0.04	0.0	6.761	0.063	0	0	0	36
PL.12797	PL.12796	B	#1/0 ACSR	7.34Y	122.3	0.04	2.73	23.91	10	168	50	96	0.04	0.0	6.834	0.073	11	3	1	36
PL.12798	PL.12797	B	#1/0 ACSR	7.33Y	122.2	0.04	2.76	22.40	10	158	46	96	0.04	0.0	6.900	0.067	0	0	0	35
PL.12799	PL.12798	B	#1/0 ACSR	7.33Y	122.2	0.04	2.80	22.40	10	158	46	96	0.04	0.0	6.971	0.070	0	0	0	35
PL.12936	PL.12799	B	#1/0 ACSR	7.33Y	122.2	0.00	2.80	2.46	1	17	5	96	0.00	0.0	6.975	0.005	0	0	0	2
PD.2192	PL.12936	B	15T	7.33Y	122.2	0.00	2.80	2.46	0	17	5	96	0.00	0.0	6.975	0.005	0	0	0	2
PL.12937	PD.2192	B	#1/0 ACSR	7.33Y	122.2	0.00	2.80	2.46	1	17	5	96	0.00	0.0	7.026	0.051	11	3	1	2
PL.12801	PL.12937	B	#4 ACSR	7.33Y	122.2	0.00	2.80	0.94	1	7	2	96	0.00	0.0	7.049	0.023	0	0	0	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12802	PL.12801	B	#4 ACSR	7.33Y	122.2	0.00	2.81	0.94	1	7	2	96	0.00	0.0	7.154	0.105	0	0	0	1
PL.12803	PL.12802	B	#4 ACSR	7.33Y	122.2	0.00	2.81	0.94	1	7	2	96	0.00	0.0	7.257	0.103	0	0	0	1
PL.12804	PL.12803	B	#4 ACSR	7.33Y	122.2	0.00	2.82	0.94	1	7	2	96	0.00	0.0	7.339	0.082	0	0	0	1
PL.12805	PL.12804	B	#4 ACSR	7.33Y	122.2	0.00	2.82	0.94	1	7	2	96	0.00	0.0	7.403	0.064	7	2	1	1
PL.12800	PL.12799	B	#1/0 ACSR	7.33Y	122.2	0.05	2.85	19.94	9	140	41	96	0.04	0.0	7.070	0.099	3	1	1	33
PL.12806	PL.12800	B	#1/0 ACSR	7.33Y	122.2	0.00	2.85	1.10	0	8	2	97	0.00	0.0	7.137	0.067	8	2	1	1
PL.12807	PL.12800	B	#1/0 ACSR	7.33Y	122.1	0.04	2.88	18.43	8	130	38	96	0.03	0.0	7.160	0.090	0	0	0	31
PL.12808	PL.12807	B	#1/0 ACSR	7.32Y	122.1	0.03	2.92	18.43	8	130	38	96	0.03	0.0	7.236	0.076	0	0	0	31
PL.12854	PL.12808	B	#1/0 ACSR	7.32Y	122.0	0.04	2.96	18.43	8	129	38	96	0.03	0.0	7.331	0.095	0	0	0	31
PL.12857	PL.12854	B	#1/0 ACSR	7.32Y	122.0	0.04	3.00	18.43	8	129	38	96	0.03	0.0	7.425	0.095	0	0	0	31
PL.12809	PL.12857	B	#4 ACSR	7.32Y	122.0	0.00	3.00	0.65	0	5	1	98	0.00	0.0	7.476	0.051	5	1	1	1
PL.12856	PL.12857	B	#1/0 ACSR	7.32Y	122.0	0.02	3.02	17.78	8	125	37	96	0.02	0.0	7.475	0.050	0	0	0	30
PL.12810	PL.12856	B	#1/0 ACSR	7.32Y	121.9	0.06	3.08	17.78	8	125	37	96	0.05	0.0	7.618	0.143	4	1	1	30
PL.12811	PL.12810	B	#1/0 ACSR	7.31Y	121.9	0.04	3.12	17.15	7	120	35	96	0.03	0.0	7.713	0.095	0	0	0	29
PL.12813	PL.12811	B	#1/0 ACSR	7.31Y	121.9	0.02	3.14	17.15	7	120	35	96	0.02	0.0	7.761	0.048	0	0	0	29
PL.12814	PL.12813	B	#1/0 ACSR	7.31Y	121.8	0.06	3.20	17.15	7	120	35	96	0.05	0.0	7.913	0.152	0	0	0	29
PL.12946	PL.12814	B	6 A (CWC)	7.31Y	121.8	0.00	3.20	6.61	5	46	14	96	0.00	0.0	7.918	0.005	0	0	0	13
PD.2197	PL.12946	B	15T	7.31Y	121.8	0.00	3.20	6.61	0	46	14	96	0.00	0.0	7.918	0.005	0	0	0	13
PL.12947	PD.2197	B	6 A (CWC)	7.30Y	121.7	0.05	3.25	6.61	5	46	14	96	0.02	0.0	8.093	0.175	0	0	0	13
PL.12817	PL.12947	B	6 A (CWC)	7.30Y	121.7	0.04	3.30	6.61	5	46	14	96	0.01	0.0	8.258	0.166	10	3	1	13
PL.12818	PL.12817	B	6 A (CWC)	7.30Y	121.7	0.01	3.30	5.14	4	36	11	96	0.00	0.0	8.294	0.036	5	1	3	12
PL.12819	PL.12818	B	6 A (CWC)	7.30Y	121.7	0.01	3.32	4.45	3	31	9	96	0.00	0.0	8.357	0.063	0	0	0	9
PL.12858	PL.12819	B	6 A (CWC)	7.30Y	121.7	0.01	3.33	4.45	3	31	9	96	0.00	0.0	8.426	0.069	0	0	0	9
PL.12820	PL.12858	B	6 A (CWC)	7.30Y	121.7	0.01	3.34	2.00	1	14	4	96	0.00	0.0	8.504	0.078	0	0	0	4
PL.12829	PL.12820	B	6 A (CWC)	7.30Y	121.7	0.01	3.35	2.00	1	14	4	96	0.00	0.0	8.632	0.128	0	0	0	4
PL.12864	PL.12829	B	6 A (CWC)	7.30Y	121.6	0.01	3.36	2.00	1	14	4	96	0.00	0.0	8.714	0.082	7	2	1	4
PL.12865	PL.12864	B	6 A (CWC)	7.30Y	121.6	0.00	3.36	0.95	1	7	2	96	0.00	0.0	8.745	0.030	0	0	0	3
PL.12830	PL.12865	B	6 A (CWC)	7.30Y	121.6	0.00	3.36	0.95	1	7	2	96	0.00	0.0	8.856	0.111	7	2	3	3
PL.12831	PL.12830	B	6 A (CWC)	7.30Y	121.6	0.00	3.36	0.00	0	0	0	100	0.00	0.0	8.961	0.105	0	0	0	0
PL.12832	PL.12831	B	6 A (CWC)	7.30Y	121.6	0.00	3.36	0.00	0	0	0	100	0.00	0.0	9.018	0.057	0	0	0	0
PL.12868	PL.12858	B	6 A (CWC)	7.30Y	121.7	0.01	3.34	2.45	2	17	5	96	0.00	0.0	8.488	0.061	0	0	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: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12869	PL.12868	B	6 A (CWC)	7.30Y	121.7	0.00	3.34	2.41	2	17	5	96	0.00	0.0	8.529	0.042	0	0	0	4
PL.12859	PL.12869	B	6 A (CWC)	7.30Y	121.7	0.00	3.35	2.41	2	17	5	96	0.00	0.0	8.571	0.041	0	0	0	4
PL.12870	PL.12859	B	6 A (CWC)	7.30Y	121.7	0.00	3.35	0.72	1	5	1	98	0.00	0.0	8.593	0.022	5	1	1	1
PL.12871	PL.12870	B	6 A (CWC)	7.30Y	121.7	0.00	3.35	0.00	0	0	0	100	0.00	0.0	8.676	0.083	0	0	0	0
PL.12821	PL.12859	B	6 A (CWC)	7.30Y	121.7	0.00	3.35	1.69	1	12	3	97	0.00	0.0	8.598	0.027	0	0	0	3
PL.12822	PL.12821	B	6 A (CWC)	7.30Y	121.6	0.00	3.35	1.69	1	12	3	97	0.00	0.0	8.667	0.069	9	3	1	3
PL.12823	PL.12822	B	6 A (CWC)	7.30Y	121.6	0.00	3.35	0.41	0	3	1	95	0.00	0.0	8.701	0.034	0	0	0	2
PL.12824	PL.12823	B	6 A (CWC)	7.30Y	121.6	0.00	3.35	0.41	0	3	1	95	0.00	0.0	8.794	0.092	2	0	1	2
PL.12825	PL.12824	B	6 A (CWC)	7.30Y	121.6	0.00	3.36	0.19	0	1	0	100	0.00	0.0	8.866	0.073	0	0	0	1
PL.12826	PL.12825	B	6 A (CWC)	7.30Y	121.6	0.00	3.36	0.19	0	1	0	100	0.00	0.0	9.025	0.158	0	0	0	1
PL.12827	PL.12826	B	#2 ACSR	7.30Y	121.6	0.00	3.36	0.00	0	0	0	100	0.00	0.0	9.059	0.034	0	0	0	0
PL.12828	PL.12826	B	6 A (CWC)	7.30Y	121.6	0.00	3.36	0.19	0	1	0	100	0.00	0.0	9.199	0.174	0	0	0	1
PL.12855	PL.12828	B	6 A (CWC)	7.30Y	121.6	0.00	3.36	0.19	0	1	0	100	0.00	0.0	9.250	0.051	1	0	1	1
PL.12843	PL.12814	B	#1/0 ACSR	7.31Y	121.8	0.02	3.21	10.54	5	74	22	96	0.01	0.0	7.983	0.070	11	3	1	16
PL.12816	PL.12843	B	#1/0 ACSR	7.31Y	121.8	0.01	3.22	8.12	4	57	17	96	0.00	0.0	8.038	0.055	0	0	0	14
PL.12866	PL.12816	B	#1/0 ACSR	7.31Y	121.8	0.01	3.23	8.12	4	57	17	96	0.00	0.0	8.095	0.057	1	0	1	14
PL.12867	PL.12866	B	#1/0 ACSR	7.30Y	121.7	0.02	3.25	8.02	3	56	16	96	0.01	0.0	8.196	0.101	6	2	2	13
PL.12944	PL.12867	B	#1/0 ACSR	7.30Y	121.7	0.00	3.25	7.17	3	50	15	96	0.00	0.0	8.200	0.005	0	0	0	11
PD.2196	PL.12944	B	15T	7.30Y	121.7	0.00	3.25	7.17	0	50	15	96	0.00	0.0	8.200	0.005	0	0	0	11
PL.12945	PD.2196	B	#1/0 ACSR	7.30Y	121.7	0.00	3.26	7.17	3	50	15	96	0.00	0.0	8.225	0.025	0	0	0	11
PL.12833	PL.12945	B	#1/0 ACSR	7.30Y	121.7	0.01	3.27	7.17	3	50	15	96	0.00	0.0	8.300	0.074	9	3	1	11
PL.12834	PL.12833	B	#1/0 ACSR	7.30Y	121.7	0.01	3.28	5.94	3	42	12	96	0.00	0.0	8.364	0.064	0	0	0	10
PL.12836	PL.12834	B	6 A (CWC)	7.30Y	121.7	0.03	3.30	5.94	4	42	12	96	0.01	0.0	8.473	0.110	11	3	2	10
PL.12837	PL.12836	B	6 A (CWC)	7.30Y	121.7	0.02	3.32	4.41	3	31	9	96	0.00	0.0	8.580	0.107	1	0	1	8
PL.12838	PL.12837	B	6 A (CWC)	7.30Y	121.7	0.02	3.34	4.29	3	30	9	96	0.00	0.0	8.665	0.085	0	0	0	7
PL.27874	PL.12838	B	6 A (CWC)	7.30Y	121.6	0.01	3.36	4.29	3	30	9	96	0.00	0.0	8.749	0.084	9	3	1	7
PL.27875	PL.27874	B	6 A (CWC)	7.30Y	121.6	0.01	3.37	3.06	2	21	6	96	0.00	0.0	8.836	0.087	6	2	1	6
PL.12863	PL.27875	B	6 A (CWC)	7.30Y	121.6	0.01	3.37	2.20	2	15	5	95	0.00	0.0	8.911	0.076	0	0	0	5
PL.12839	PL.12863	B	#2 ACSR	7.30Y	121.6	0.00	3.37	1.11	1	8	2	97	0.00	0.0	8.938	0.027	8	2	1	1
PL.12844	PL.12863	B	6 A (CWC)	7.30Y	121.6	0.00	3.38	1.10	1	8	2	97	0.00	0.0	8.978	0.066	3	1	2	4
PL.12860	PL.12844	B	#4 ACSR	7.30Y	121.6	0.00	3.38	0.73	1	5	1	98	0.00	0.0	8.992	0.014	0	0	0	2

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12861	PL.12860	B	#4 ACSR	7.30Y	121.6	0.00	3.38	0.73	1	5	1	98	0.00	0.0	9.071	0.079	5	1	2	2
PL.12835	PL.12834	B	#2 ACSR	7.30Y	121.7	0.00	3.28	0.00	0	0	0	100	0.00	0.0	8.420	0.056	0	0	0	0
PL.12815	PL.12843	B	#4 ACSR	7.31Y	121.8	0.00	3.21	0.89	1	6	2	95	0.00	0.0	8.026	0.043	6	2	1	1
PL.12955	PL.12778	B	#2 ACSR	7.37Y	122.8	0.00	2.22	1.63	1	12	3	97	0.00	0.0	6.030	0.005	0	0	0	3
PD.2200	PL.12955	B	15T	7.37Y	122.8	0.00	2.22	1.63	0	12	3	97	0.00	0.0	6.030	0.005	0	0	0	3
PL.12954	PD.2200	B	#2 ACSR	7.37Y	122.8	0.00	2.22	1.63	1	12	3	97	0.00	0.0	6.055	0.025	0	0	2	3
PL.12781	PL.12954	B	#2 ACSR	7.37Y	122.8	0.00	2.23	1.63	1	12	3	97	0.00	0.0	6.129	0.074	0	0	0	1
PL.12782	PL.12781	B	#2 ACSR	7.37Y	122.8	0.00	2.23	1.63	1	12	3	97	0.00	0.0	6.155	0.026	12	3	1	1
PL.12771	PL.12766	B	#1/0 ACSR	7.38Y	123.0	0.00	1.95	1.26	1	9	3	95	0.00	0.0	5.694	0.022	0	0	0	2
PL.12772	PL.12771	B	#1/0 ACSR	7.38Y	123.0	0.00	1.96	1.26	1	9	3	95	0.00	0.0	5.766	0.071	9	3	2	2
PL.12773	PL.12772	B	#1/0 ACSR	7.38Y	123.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	5.815	0.049	0	0	0	0
PL.12767	PL.13001	B	#2 ACSR	7.39Y	123.1	0.00	1.91	1.06	1	8	2	97	0.00	0.0	5.663	0.039	8	2	1	1
PL.12958	PL.12760	A	#4 ACSR	7.39Y	123.2	0.00	1.85	0.95	1	7	2	96	0.00	0.0	5.403	0.005	0	0	0	1
PD.2202	PL.12958	A	20T	7.39Y	123.2	0.00	1.85	0.95	0	7	2	96	0.00	0.0	5.403	0.005	0	0	0	1
PL.12959	PD.2202	A	#4 ACSR	7.39Y	123.1	0.00	1.85	0.95	1	7	2	96	0.00	0.0	5.512	0.109	0	0	0	1
PL.12761	PL.12959	A	#4 ACSR	7.39Y	123.1	0.00	1.85	0.95	1	7	2	96	0.00	0.0	5.564	0.053	7	2	1	1
PL.12960	PL.12759	C	#1/0 ACSR	7.39Y	123.2	0.00	1.84	0.44	0	3	1	95	0.00	0.0	5.320	0.005	0	0	0	1
PD.2203	PL.12960	C	20T	7.39Y	123.2	0.00	1.84	0.44	0	3	1	95	0.00	0.0	5.320	0.005	0	0	0	1
PL.12961	PD.2203	C	#1/0 ACSR	7.39Y	123.2	0.00	1.84	0.44	0	3	1	95	0.00	0.0	5.357	0.037	3	1	1	1
PL.12962	PL.12753	C	6 A (CWC)	7.39Y	123.2	0.00	1.80	0.33	0	2	1	89	0.00	0.0	4.938	0.005	0	0	0	1
PD.2204	PL.12962	C	12T	7.39Y	123.2	0.00	1.80	0.33	0	2	1	89	0.00	0.0	4.938	0.005	0	0	0	1
PL.12963	PD.2204	C	6 A (CWC)	7.39Y	123.2	0.00	1.80	0.33	0	2	1	89	0.00	0.0	5.015	0.077	0	0	0	1
PL.12755	PL.12963	C	6 A (CWC)	7.39Y	123.2	0.00	1.80	0.33	0	2	1	89	0.00	0.0	5.091	0.075	2	1	1	1
PL.12966	PL.12731	C	6 A (CWC)	7.41Y	123.5	0.00	1.55	1.19	1	8	2	97	0.00	0.0	3.458	0.004	0	0	0	1
PD.2206	PL.12966	C	20T	7.41Y	123.5	0.00	1.55	1.19	0	8	2	97	0.00	0.0	3.458	0.004	0	0	0	1
PL.12967	PD.2206	C	6 A (CWC)	7.41Y	123.5	0.00	1.55	1.19	1	8	2	97	0.00	0.0	3.514	0.056	8	2	1	1
PL.12595	PL.12593	C	#1/0 ACSR	7.41Y	123.5	0.03	1.46	21.07	9	150	44	96	0.03	0.0	3.066	0.060	0	0	0	39
PL.12596	PL.12595	C	#1/0 ACSR	7.41Y	123.5	0.02	1.48	15.65	7	111	33	96	0.02	0.0	3.127	0.061	0	0	0	28
PL.12617	PL.12596	C	#1/0 ACSR	7.41Y	123.5	0.02	1.50	15.65	7	111	33	96	0.01	0.0	3.178	0.051	0	0	0	28
PL.13004	PL.12617	C	#1/0 ACSR	7.41Y	123.5	0.00	1.50	15.65	7	111	33	96	0.00	0.0	3.181	0.003	0	0	0	28
PD.2225	PL.13004	C	35L	7.41Y	123.5	0.00	1.50	15.65	45	111	33	96	0.00	0.0	3.181	0.003	0	0	0	28

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13005	PD.2225	C	#1/0 ACSR	7.41Y	123.5	0.02	1.52	15.65	7	111	33	96	0.02	0.0	3.241	0.060	0	0	0	28
PL.12618	PL.13005	C	#1/0 ACSR	7.41Y	123.4	0.04	1.56	15.65	7	111	33	96	0.03	0.0	3.348	0.107	0	0	0	28
PL.12850	PL.12618	C	#1/0 ACSR	7.40Y	123.4	0.04	1.60	15.65	7	111	33	96	0.03	0.0	3.468	0.120	0	0	0	28
PL.12619	PL.12850	C	#1/0 ACSR	7.40Y	123.4	0.03	1.63	15.65	7	111	33	96	0.02	0.0	3.542	0.074	0	0	0	28
PL.12620	PL.12619	C	#1/0 ACSR	7.40Y	123.3	0.03	1.66	15.65	7	111	33	96	0.02	0.0	3.629	0.087	0	0	0	28
PL.12623	PL.12620	C	#1/0 ACSR	7.40Y	123.3	0.00	1.67	1.75	1	12	4	95	0.00	0.0	3.677	0.048	0	0	0	1
PL.12624	PL.12623	C	6 A (CWC)	7.40Y	123.3	0.01	1.68	1.75	1	12	4	95	0.00	0.0	3.855	0.178	0	0	0	1
PL.12625	PL.12624	C	6 A (CWC)	7.40Y	123.3	0.00	1.68	1.75	1	12	4	95	0.00	0.0	3.913	0.058	12	4	1	1
PL.12621	PL.12620	C	#1/0 ACSR	7.40Y	123.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	3.666	0.037	0	0	0	0
PL.12622	PL.12620	C	#1/0 ACSR	7.40Y	123.3	0.02	1.69	13.90	6	99	29	96	0.01	0.0	3.699	0.070	0	0	0	27
PL.12626	PL.12622	C	#1/0 ACSR	7.40Y	123.3	0.02	1.70	13.90	6	99	29	96	0.01	0.0	3.753	0.054	0	0	0	27
PL.12627	PL.12626	C	#1/0 ACSR	7.40Y	123.3	0.02	1.72	13.90	6	99	29	96	0.01	0.0	3.813	0.060	0	0	0	27
PL.12628	PL.12627	C	#1/0 ACSR	7.40Y	123.3	0.02	1.74	13.90	6	99	29	96	0.01	0.0	3.870	0.057	0	0	0	27
PL.12629	PL.12628	C	#1/0 ACSR	7.39Y	123.2	0.02	1.76	13.90	6	99	29	96	0.01	0.0	3.929	0.059	0	0	0	27
PL.12630	PL.12629	C	#1/0 ACSR	7.39Y	123.2	0.02	1.78	13.90	6	99	29	96	0.01	0.0	3.991	0.062	0	0	0	27
PL.12631	PL.12630	C	#1/0 ACSR	7.39Y	123.2	0.02	1.80	13.90	6	99	29	96	0.01	0.0	4.050	0.058	0	0	0	27
PL.12632	PL.12631	C	#1/0 ACSR	7.39Y	123.2	0.02	1.82	13.90	6	99	29	96	0.01	0.0	4.106	0.056	0	0	0	27
PL.12633	PL.12632	C	#1/0 ACSR	7.39Y	123.2	0.02	1.84	13.90	6	99	29	96	0.01	0.0	4.160	0.054	0	0	0	27
PL.12634	PL.12633	C	#1/0 ACSR	7.39Y	123.1	0.01	1.85	13.90	6	99	29	96	0.01	0.0	4.205	0.045	0	0	0	27
PL.12635	PL.12634	C	#1/0 ACSR	7.39Y	123.1	0.02	1.87	13.90	6	99	29	96	0.02	0.0	4.276	0.072	0	0	0	27
PL.12841	PL.12635	C	#1/0 ACSR	7.39Y	123.1	0.00	1.87	1.22	1	9	3	95	0.00	0.0	4.299	0.023	9	3	1	1
PL.12636	PL.12635	C	#1/0 ACSR	7.39Y	123.1	0.02	1.89	12.68	6	90	26	96	0.01	0.0	4.333	0.056	8	2	3	26
PL.12637	PL.12636	C	#1/0 ACSR	7.39Y	123.1	0.02	1.91	11.60	5	82	24	96	0.01	0.0	4.396	0.063	0	0	0	23
PL.12638	PL.12637	C	#1/0 ACSR	7.38Y	123.1	0.02	1.93	11.60	5	82	24	96	0.01	0.0	4.461	0.065	0	0	0	23
PL.12639	PL.12638	C	#1/0 ACSR	7.38Y	123.1	0.02	1.94	11.60	5	82	24	96	0.01	0.0	4.520	0.059	0	0	0	23
PL.12640	PL.12639	C	#1/0 ACSR	7.38Y	123.0	0.02	1.96	11.60	5	82	24	96	0.01	0.0	4.586	0.066	0	0	0	23
PL.12641	PL.12640	C	#1/0 ACSR	7.38Y	123.0	0.02	1.98	11.60	5	82	24	96	0.01	0.0	4.644	0.058	0	0	0	23
PL.12642	PL.12641	C	#1/0 ACSR	7.38Y	123.0	0.02	1.99	11.60	5	82	24	96	0.01	0.0	4.711	0.067	0	0	0	23
PL.12643	PL.12642	C	#1/0 ACSR	7.38Y	123.0	0.02	2.01	11.60	5	82	24	96	0.01	0.0	4.777	0.066	0	0	0	23
PL.12644	PL.12643	C	#1/0 ACSR	7.38Y	123.0	0.02	2.03	11.60	5	82	24	96	0.01	0.0	4.840	0.063	0	0	0	23
PL.12645	PL.12644	C	#1/0 ACSR	7.38Y	123.0	0.02	2.05	11.60	5	82	24	96	0.01	0.0	4.902	0.062	0	0	0	23

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12646	PL.12645	C	#1/0 ACSR	7.38Y	122.9	0.01	2.05	10.67	5	76	22	96	0.00	0.0	4.934	0.032	7	2	1	21
PL.12652	PL.12646	C	#1/0 ACSR	7.38Y	122.9	0.01	2.07	9.62	4	68	20	96	0.01	0.0	4.996	0.062	0	0	0	20
PL.12653	PL.12652	C	#1/0 ACSR	7.38Y	122.9	0.01	2.08	9.62	4	68	20	96	0.00	0.0	5.046	0.049	0	0	0	20
PL.12974	PL.12653	C	6 A (CWC)	7.38Y	122.9	0.00	2.08	0.85	1	6	2	95	0.00	0.0	5.050	0.004	0	0	0	3
PD.2210	PL.12974	C	15T	7.38Y	122.9	0.00	2.08	0.85	0	6	2	95	0.00	0.0	5.050	0.004	0	0	0	3
PL.12975	PD.2210	C	6 A (CWC)	7.38Y	122.9	0.00	2.08	0.85	1	6	2	95	0.00	0.0	5.102	0.052	0	0	0	3
PL.12655	PL.12975	C	6 A (CWC)	7.38Y	122.9	0.00	2.08	0.85	1	6	2	95	0.00	0.0	5.150	0.048	0	0	0	3
PL.12656	PL.12655	C	6 A (CWC)	7.37Y	122.9	0.00	2.09	0.85	1	6	2	95	0.00	0.0	5.237	0.087	1	0	1	3
PL.12657	PL.12656	C	6 A (CWC)	7.37Y	122.9	0.00	2.09	0.78	1	5	2	93	0.00	0.0	5.299	0.062	5	2	2	2
PL.12658	PL.12657	C	6 A (CWC)	7.37Y	122.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	5.362	0.062	0	0	0	0
PL.12659	PL.12658	C	6 A (CWC)	7.37Y	122.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	5.429	0.068	0	0	0	0
PL.12660	PL.12659	C	6 A (CWC)	7.37Y	122.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	5.528	0.098	0	0	0	0
PL.12654	PL.12653	C	#1/0 ACSR	7.37Y	122.9	0.01	2.09	8.77	4	62	18	96	0.01	0.0	5.107	0.061	0	0	0	17
PL.12661	PL.12654	C	#1/0 ACSR	7.37Y	122.9	0.01	2.10	8.77	4	62	18	96	0.00	0.0	5.166	0.060	0	0	0	17
PL.12663	PL.12661	C	#1/0 ACSR	7.37Y	122.9	0.01	2.11	8.77	4	62	18	96	0.00	0.0	5.222	0.055	0	0	0	17
PL.12664	PL.12663	C	#1/0 ACSR	7.37Y	122.9	0.01	2.13	8.77	4	62	18	96	0.00	0.0	5.275	0.054	0	0	0	17
PL.12665	PL.12664	C	#1/0 ACSR	7.37Y	122.9	0.01	2.14	8.77	4	62	18	96	0.00	0.0	5.336	0.060	3	1	1	17
PL.12667	PL.12665	C	#1/0 ACSR	7.37Y	122.9	0.01	2.15	6.61	3	47	14	96	0.00	0.0	5.414	0.079	0	0	0	13
PL.12669	PL.12667	C	#1/0 ACSR	7.37Y	122.8	0.01	2.16	6.61	3	47	14	96	0.00	0.0	5.474	0.059	0	0	0	13
PL.12670	PL.12669	C	#1/0 ACSR	7.37Y	122.8	0.01	2.16	6.61	3	47	14	96	0.00	0.0	5.513	0.039	0	0	0	13
PL.12671	PL.12670	C	#1/0 ACSR	7.37Y	122.8	0.00	2.16	0.29	0	2	1	89	0.00	0.0	5.530	0.017	2	1	1	1
PL.12672	PL.12670	C	#1/0 ACSR	7.37Y	122.8	0.01	2.17	6.32	3	45	13	96	0.00	0.0	5.550	0.037	0	0	0	12
PL.12673	PL.12672	C	#1/0 ACSR	7.37Y	122.8	0.00	2.17	0.99	0	7	2	96	0.00	0.0	5.563	0.012	0	0	0	1
PL.12674	PL.12673	C	#1/0 ACSR	7.37Y	122.8	0.00	2.17	0.99	0	7	2	96	0.00	0.0	5.582	0.020	7	2	1	1
PL.12842	PL.12672	C	#1/0 ACSR	7.37Y	122.8	0.01	2.18	5.33	2	38	11	96	0.00	0.0	5.623	0.073	0	0	0	11
PL.12679	PL.12842	C	#1/0 ACSR	7.37Y	122.8	0.00	2.18	0.60	0	4	1	97	0.00	0.0	5.646	0.023	4	1	1	1
PL.12680	PL.12842	C	#1/0 ACSR	7.37Y	122.8	0.01	2.19	4.73	2	33	10	96	0.00	0.0	5.695	0.072	0	0	0	10
PL.12681	PL.12680	C	#1/0 ACSR	7.37Y	122.8	0.01	2.20	4.73	2	33	10	96	0.00	0.0	5.790	0.095	1	0	1	10
PL.12682	PL.12681	C	#1/0 ACSR	7.37Y	122.8	0.01	2.21	4.54	2	32	9	96	0.00	0.0	5.882	0.092	0	0	0	9
PL.12683	PL.12682	C	#1/0 ACSR	7.37Y	122.8	0.01	2.22	4.54	2	32	9	96	0.00	0.0	6.016	0.134	0	0	0	9
PL.12877	PL.12683	C	#1/0 ACSR	7.37Y	122.8	0.01	2.23	4.54	2	32	9	96	0.00	0.0	6.091	0.075	0	0	1	9

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12878	PL.12877	C	#1/0 ACSR	7.37Y	122.8	0.01	2.24	4.47	2	32	9	96	0.00	0.0	6.153	0.062	0	0	0	8
PL.12684	PL.12878	C	#1/0 ACSR	7.37Y	122.8	0.01	2.24	4.47	2	32	9	96	0.00	0.0	6.207	0.054	0	0	0	8
PL.12685	PL.12684	C	#1/0 ACSR	7.37Y	122.8	0.01	2.25	4.47	2	32	9	96	0.00	0.0	6.263	0.056	6	2	1	8
PL.12686	PL.12685	C	#1/0 ACSR	7.36Y	122.7	0.01	2.25	3.56	2	25	7	96	0.00	0.0	6.325	0.063	0	0	0	7
PL.12687	PL.12686	C	#1/0 ACSR	7.36Y	122.7	0.01	2.26	3.56	2	25	7	96	0.00	0.0	6.391	0.066	0	0	0	7
PL.12688	PL.12687	C	#1/0 ACSR	7.36Y	122.7	0.01	2.26	3.56	2	25	7	96	0.00	0.0	6.475	0.084	0	0	0	7
PL.12689	PL.12688	C	#1/0 ACSR	7.36Y	122.7	0.00	2.27	3.56	2	25	7	96	0.00	0.0	6.535	0.059	0	0	0	7
PL.12691	PL.12689	C	#1/0 ACSR	7.36Y	122.7	0.00	2.27	3.56	2	25	7	96	0.00	0.0	6.584	0.049	0	0	0	7
PL.12692	PL.12691	C	#1/0 ACSR	7.36Y	122.7	0.00	2.28	3.56	2	25	7	96	0.00	0.0	6.617	0.033	0	0	0	7
PL.12693	PL.12692	C	#1/0 ACSR	7.36Y	122.7	0.00	2.28	3.56	2	25	7	96	0.00	0.0	6.653	0.036	0	0	0	7
PL.12694	PL.12693	C	#1/0 ACSR	7.36Y	122.7	0.01	2.29	3.56	2	25	7	96	0.00	0.0	6.736	0.083	0	0	0	7
PL.12695	PL.12694	C	#1/0 ACSR	7.36Y	122.7	0.01	2.29	3.56	2	25	7	96	0.00	0.0	6.799	0.062	0	0	0	7
PL.12696	PL.12695	C	#1/0 ACSR	7.36Y	122.7	0.01	2.30	3.56	2	25	7	96	0.00	0.0	6.903	0.104	5	1	1	7
PL.12706	PL.12696	C	#1/0 ACSR	7.36Y	122.7	0.00	2.30	2.71	1	19	6	95	0.00	0.0	6.972	0.069	0	0	0	5
PL.12707	PL.12706	C	#1/0 ACSR	7.36Y	122.7	0.00	2.31	2.71	1	19	6	95	0.00	0.0	7.027	0.055	0	0	0	5
PL.12708	PL.12707	C	#1/0 ACSR	7.36Y	122.7	0.00	2.31	2.71	1	19	6	95	0.00	0.0	7.085	0.058	0	0	0	5
PL.12709	PL.12708	C	#1/0 ACSR	7.36Y	122.7	0.00	2.32	2.71	1	19	6	95	0.00	0.0	7.149	0.064	0	0	0	5
PL.12950	PL.12709	C	#1/0 ACSR	7.36Y	122.7	0.00	2.32	0.25	0	2	1	89	0.00	0.0	7.153	0.005	0	0	0	2
PL.12951	PL.12950	C	#1/0 ACSR	7.36Y	122.7	0.00	2.32	0.25	0	2	1	89	0.00	0.0	7.220	0.067	2	1	2	2
PL.12948	PL.12709	C	6 A (CWC)	7.36Y	122.7	0.00	2.32	2.46	2	17	5	96	0.00	0.0	7.153	0.005	0	0	0	3
PD.2198	PL.12948	C	15T	7.36Y	122.7	0.00	2.32	2.46	0	17	5	96	0.00	0.0	7.153	0.005	0	0	0	3
PL.12949	PD.2198	C	6 A (CWC)	7.36Y	122.7	0.00	2.32	2.46	2	17	5	96	0.00	0.0	7.194	0.040	8	2	1	3
PL.12710	PL.12949	C	6 A (CWC)	7.36Y	122.7	0.00	2.32	1.30	1	9	3	95	0.00	0.0	7.233	0.039	0	0	0	2
PL.12711	PL.12710	C	6 A (CWC)	7.36Y	122.7	0.01	2.33	1.30	1	9	3	95	0.00	0.0	7.318	0.085	0	0	0	2
PL.12712	PL.12711	C	6 A (CWC)	7.36Y	122.7	0.01	2.33	1.30	1	9	3	95	0.00	0.0	7.432	0.114	0	0	0	2
PL.12713	PL.12712	C	6 A (CWC)	7.36Y	122.7	0.00	2.34	1.30	1	9	3	95	0.00	0.0	7.508	0.076	0	0	0	2
PL.12714	PL.12713	C	6 A (CWC)	7.36Y	122.7	0.01	2.35	1.30	1	9	3	95	0.00	0.0	7.649	0.141	0	0	0	2
PL.12715	PL.12714	C	6 A (CWC)	7.36Y	122.6	0.01	2.35	1.30	1	9	3	95	0.00	0.0	7.745	0.096	0	0	0	2
PL.12716	PL.12715	C	6 A (CWC)	7.36Y	122.6	0.00	2.36	1.30	1	9	3	95	0.00	0.0	7.843	0.098	3	1	1	2
PL.12717	PL.12716	C	6 A (CWC)	7.36Y	122.6	0.00	2.36	0.88	1	6	2	95	0.00	0.0	7.945	0.102	0	0	0	1
PL.12718	PL.12717	C	#2 ACSR	7.36Y	122.6	0.00	2.36	0.88	1	6	2	95	0.00	0.0	7.984	0.039	0	0	0	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12719	PL.12718	C	#2 ACSR	7.36Y	122.6	0.00	2.37	0.88	1	6	2	95	0.00	0.0	8.153	0.169	0	0	0	1
PL.12720	PL.12719	C	#2 ACSR	7.36Y	122.6	0.00	2.37	0.88	1	6	2	95	0.00	0.0	8.235	0.082	0	0	0	1
PL.12721	PL.12720	C	#2 ACSR	7.36Y	122.6	0.00	2.37	0.88	1	6	2	95	0.00	0.0	8.328	0.093	0	0	0	1
PL.12722	PL.12721	C	#2 ACSR	7.36Y	122.6	0.00	2.38	0.88	1	6	2	95	0.00	0.0	8.447	0.119	0	0	0	1
PL.12723	PL.12722	C	#2 ACSR	7.36Y	122.6	0.00	2.38	0.88	1	6	2	95	0.00	0.0	8.550	0.103	6	2	1	1
PL.12724	PL.12723	C	#2 ACSR	7.36Y	122.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	8.623	0.073	0	0	0	0
PL.12725	PL.12724	C	#2 ACSR	7.36Y	122.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	8.746	0.124	0	0	0	0
PL.12852	PL.12725	C	#2 ACSR	7.36Y	122.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	8.830	0.084	0	0	0	0
PL.12952	PL.12696	C	6 A (CWC)	7.36Y	122.7	0.00	2.30	0.15	0	1	0	100	0.00	0.0	6.908	0.005	0	0	0	1
PD.2199	PL.12952	C	15T	7.36Y	122.7	0.00	2.30	0.15	0	1	0	100	0.00	0.0	6.908	0.005	0	0	0	1
PL.12953	PD.2199	C	6 A (CWC)	7.36Y	122.7	0.00	2.30	0.15	0	1	0	100	0.00	0.0	6.922	0.014	0	0	0	1
PL.12697	PL.12953	C	6 A (CWC)	7.36Y	122.7	0.00	2.30	0.15	0	1	0	100	0.00	0.0	6.984	0.062	1	0	1	1
PL.12698	PL.12697	C	6 A (CWC)	7.36Y	122.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	7.107	0.123	0	0	0	0
PL.12699	PL.12698	C	6 A (CWC)	7.36Y	122.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	7.141	0.034	0	0	0	0
PL.12700	PL.12699	C	6 A (CWC)	7.36Y	122.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	7.248	0.106	0	0	0	0
PL.12701	PL.12700	C	6 A (CWC)	7.36Y	122.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	7.334	0.087	0	0	0	0
PL.12702	PL.12701	C	6 A (CWC)	7.36Y	122.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	7.425	0.091	0	0	0	0
PL.12703	PL.12702	C	6 A (CWC)	7.36Y	122.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	7.519	0.094	0	0	0	0
PL.12704	PL.12703	C	6 A (CWC)	7.36Y	122.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	7.628	0.109	0	0	0	0
PL.12705	PL.12704	C	6 A (CWC)	7.36Y	122.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	7.688	0.060	0	0	0	0
PL.12690	PL.12688	C	#1/0 ACSR	7.36Y	122.7	0.00	2.26	0.00	0	0	0	100	0.00	0.0	6.523	0.047	0	0	0	0
PL.12668	PL.12665	C	#2 ACSR	7.37Y	122.9	0.00	2.14	0.69	0	5	1	98	0.00	0.0	5.378	0.042	5	1	2	2
PL.12666	PL.12665	C	#1/0 ACSR	7.37Y	122.9	0.00	2.14	1.05	0	7	2	96	0.00	0.0	5.390	0.054	7	2	1	1
PL.12647	PL.12645	C	#1/0 ACSR	7.38Y	123.0	0.00	2.05	0.93	0	7	2	96	0.00	0.0	4.982	0.079	0	0	1	2
PL.12648	PL.12647	C	#1/0 ACSR	7.38Y	123.0	0.00	2.05	0.93	0	7	2	96	0.00	0.0	5.022	0.040	0	0	0	1
PL.12649	PL.12648	C	#1/0 ACSR	7.38Y	123.0	0.00	2.05	0.93	0	7	2	96	0.00	0.0	5.108	0.086	0	0	0	1
PL.12651	PL.12649	C	6 A (CWC)	7.38Y	123.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	5.203	0.095	0	0	0	0
PL.12650	PL.12649	C	6 A (CWC)	7.38Y	122.9	0.00	2.05	0.93	1	7	2	96	0.00	0.0	5.142	0.034	7	2	1	1
PL.12970	PL.12595	C	#1/0 ACSR	7.41Y	123.5	0.00	1.46	5.42	2	39	11	96	0.00	0.0	3.070	0.005	0	0	0	11
PD.2208	PL.12970	C	50T	7.41Y	123.5	0.00	1.46	5.42	0	39	11	96	0.00	0.0	3.070	0.005	0	0	0	11
PL.12971	PD.2208	C	#1/0 ACSR	7.41Y	123.5	0.00	1.46	5.42	2	39	11	96	0.00	0.0	3.102	0.031	0	0	0	11

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12598	PL.12971	C	6 A (CWC)	7.41Y	123.5	0.01	1.47	5.42	4	39	11	96	0.00	0.0	3.131	0.030	7	2	1	11
PL.12599	PL.12598	C	6 A (CWC)	7.41Y	123.5	0.01	1.48	4.37	3	31	9	96	0.00	0.0	3.187	0.055	0	0	0	10
PL.12601	PL.12599	C	6 A (CWC)	7.41Y	123.5	0.02	1.50	3.79	3	27	8	96	0.00	0.0	3.310	0.123	4	1	1	8
PL.12602	PL.12601	C	6 A (CWC)	7.41Y	123.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	3.368	0.058	0	0	0	0
PL.12603	PL.12601	C	6 A (CWC)	7.41Y	123.5	0.02	1.51	3.23	2	23	7	96	0.00	0.0	3.416	0.106	0	0	0	7
PL.12605	PL.12603	C	6 A (CWC)	7.41Y	123.5	0.01	1.53	1.41	1	10	3	96	0.00	0.0	3.621	0.205	0	0	0	5
PL.12608	PL.12605	C	#4 ACSR	7.41Y	123.5	0.00	1.53	0.88	1	6	2	95	0.00	0.0	3.668	0.046	0	0	0	3
PL.12612	PL.12608	C	#4 ACSR	7.41Y	123.5	0.00	1.53	0.88	1	6	2	95	0.00	0.0	3.720	0.053	0	0	0	3
PL.12615	PL.12612	C	#4 ACSR	7.41Y	123.5	0.00	1.53	0.88	1	6	2	95	0.00	0.0	3.780	0.060	0	0	0	3
PL.12616	PL.12615	C	#4 ACSR	7.41Y	123.5	0.00	1.54	0.88	1	6	2	95	0.00	0.0	3.824	0.044	5	1	1	3
PL.25705	PL.12616	C	#4 ACSR	7.41Y	123.5	0.00	1.54	0.20	0	1	0	100	0.00	0.0	3.914	0.090	0	0	0	2
PL.12613	PL.25705	C	#1/0 ACSR	7.41Y	123.5	0.00	1.54	0.20	0	1	0	100	0.00	0.0	3.932	0.017	1	0	2	2
PL.12607	PL.12605	C	6 A (CWC)	7.41Y	123.5	0.00	1.53	0.54	0	4	1	97	0.00	0.0	3.715	0.094	0	0	0	2
PL.12609	PL.12607	C	6 A (CWC)	7.41Y	123.5	0.00	1.53	0.54	0	4	1	97	0.00	0.0	3.775	0.059	4	1	1	2
PL.12610	PL.12609	C	#2 ACSR	7.41Y	123.5	0.00	1.53	0.02	0	0	0	100	0.00	0.0	3.802	0.028	0	0	0	1
PL.12611	PL.12610	C	#2 ACSR	7.41Y	123.5	0.00	1.53	0.02	0	0	0	100	0.00	0.0	3.845	0.043	0	0	1	1
PL.12604	PL.12603	C	6 A (CWC)	7.41Y	123.5	0.01	1.52	1.81	1	13	4	96	0.00	0.0	3.534	0.119	9	3	1	2
PL.12606	PL.12604	C	6 A (CWC)	7.41Y	123.5	0.00	1.52	0.50	0	4	1	97	0.00	0.0	3.651	0.117	4	1	1	1
PL.12600	PL.12599	C	#2 ACSR	7.41Y	123.5	0.00	1.48	0.58	0	4	1	97	0.00	0.0	3.220	0.033	4	1	2	2
PL.12972	PL.12561	C	#1/0 ACSR	7.42Y	123.7	0.00	1.27	2.21	1	16	5	95	0.00	0.0	2.629	0.005	0	0	0	1
PD.2209	PL.12972	C	50T	7.42Y	123.7	0.00	1.27	2.21	0	16	5	95	0.00	0.0	2.629	0.005	0	0	0	1
PL.12973	PD.2209	C	#1/0 ACSR	7.42Y	123.7	0.00	1.27	2.21	1	16	5	95	0.00	0.0	2.666	0.038	0	0	0	1
PL.12562	PL.12973	C	#1/0 ACSR	7.42Y	123.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	2.678	0.012	0	0	0	0
PL.12563	PL.12973	C	#1/0 ACSR	7.42Y	123.7	0.00	1.27	2.21	1	16	5	95	0.00	0.0	2.712	0.046	0	0	0	1
PL.12564	PL.12563	C	6 A (CWC)	7.42Y	123.7	0.01	1.28	2.21	2	16	5	95	0.00	0.0	2.770	0.058	0	0	0	1
PL.12565	PL.12564	C	#1/0 ACSR	7.42Y	123.7	0.00	1.28	2.21	1	16	5	95	0.00	0.0	2.790	0.020	16	5	1	1
PL.12978	PL.12559	C	#1/0 ACSR	7.43Y	123.8	0.00	1.17	0.33	0	2	1	89	0.00	0.0	2.419	0.005	0	0	0	1
PD.2212	PL.12978	C	10T	7.43Y	123.8	0.00	1.17	0.33	0	2	1	89	0.00	0.0	2.419	0.005	0	0	0	1
PL.12979	PD.2212	C	#1/0 ACSR	7.43Y	123.8	0.00	1.17	0.33	0	2	1	89	0.00	0.0	2.444	0.025	2	1	1	1
PL.12976	PL.12557	C	6 A (CWC)	7.43Y	123.9	0.00	1.14	1.28	1	9	3	95	0.00	0.0	2.343	0.005	0	0	0	1
PD.2211	PL.12976	C	50T	7.43Y	123.9	0.00	1.14	1.28	0	9	3	95	0.00	0.0	2.343	0.005	0	0	0	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12977	PD.2211	C	6 A (CWC)	7.43Y	123.9	0.00	1.14	1.28	1	9	3	95	0.00	0.0	2.369	0.025	9	3	1	1
PL.12980	PL.12555	C	#1/0 ACSR	7.44Y	123.9	0.00	1.08	0.89	0	6	2	95	0.00	0.0	2.224	0.004	0	0	0	2
PD.2213	PL.12980	C	50T	7.44Y	123.9	0.00	1.08	0.89	0	6	2	95	0.00	0.0	2.224	0.004	0	0	0	2
PL.12981	PD.2213	C	#1/0 ACSR	7.44Y	123.9	0.00	1.08	0.89	0	6	2	95	0.00	0.0	2.234	0.009	6	2	2	2
PL.12984	PL.12544	A	#2 ACSR	7.45Y	124.2	0.00	0.77	1.54	1	11	3	96	0.00	0.0	1.566	0.005	0	0	0	1
PD.2215	PL.12984	A	50T	7.45Y	124.2	0.00	0.77	1.54	0	11	3	96	0.00	0.0	1.566	0.005	0	0	0	1
PL.12985	PD.2215	A	#2 ACSR	7.45Y	124.2	0.00	0.77	1.54	1	11	3	96	0.00	0.0	1.612	0.046	0	0	0	1
PL.12547	PL.12985	A	#2 ACSR	7.45Y	124.2	0.00	0.78	1.54	1	11	3	96	0.00	0.0	1.663	0.050	0	0	0	1
PL.12550	PL.12547	A	#2 ACSR	7.45Y	124.2	0.00	0.78	1.54	1	11	3	96	0.00	0.0	1.728	0.065	11	3	1	1
PL.12986	PL.12847	A	#2 ACSR	7.47Y	124.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.005	0.005	0	0	0	0
PD.2216	PL.12986	A	50T	7.47Y	124.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.005	0.005	0	0	0	0
PL.12987	PD.2216	A	#2 ACSR	7.47Y	124.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.094	0.089	0	0	0	0
PL.12532	PL.12987	A	#2 ACSR	7.47Y	124.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.144	0.050	0	0	0	0
PL.12531	PL.12532	A	#2 ACSR	7.47Y	124.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.245	0.101	0	0	0	0
PL.12988	PL.12524	A	#1/0 ACSR	7.48Y	124.7	0.00	0.30	1.90	1	14	4	96	0.00	0.0	0.601	0.005	0	0	0	2
PD.2217	PL.12988	A	50T	7.48Y	124.7	0.00	0.30	1.90	0	14	4	96	0.00	0.0	0.601	0.005	0	0	0	2
PL.12989	PD.2217	A	#1/0 ACSR	7.48Y	124.7	0.00	0.31	1.90	1	14	4	96	0.00	0.0	0.681	0.080	0	0	1	2
PL.12526	PL.12989	A	#1/0 ACSR	7.48Y	124.7	0.00	0.31	1.90	1	14	4	96	0.00	0.0	0.852	0.171	14	4	1	1
PL.12990	PL.12517	C	6 A (CWC)	7.50Y	124.9	0.00	0.08	0.55	0	4	1	97	0.00	0.0	0.153	0.005	0	0	0	2
PD.2218	PL.12990	C	50T	7.50Y	124.9	0.00	0.08	0.55	0	4	1	97	0.00	0.0	0.153	0.005	0	0	0	2
PL.12991	PD.2218	C	6 A (CWC)	7.50Y	124.9	0.00	0.08	0.55	0	4	1	97	0.00	0.0	0.188	0.035	4	1	2	2
PL.14243	South Fork	ABC	#1/0 ACSR	7.50Y	125.0	0.00	0.00	48.06	21	1034	317	96	0.03	0.0	0.005	0.005	0	0	0	297
PL.72573	PL.14243	ABC	#1/0 ACSR	7.50Y	125.0	0.00	0.01	48.06	21	1034	317	96	0.02	0.0	0.008	0.004	0	0	0	297
---------- Feeder No. 2 (Rice Town F2) Beginning with Device PD.11210 ----------																				
PD.11210	PL.72573	ABC	300VWE	7.50Y	125.0	0.00	0.01	48.06	0	1034	317	96	0.00	0.0	0.008	0.004	0	0	0	297
PL.14244	PD.11210	ABC	#1/0 ACSR	7.50Y	125.0	0.01	0.01	48.06	21	1034	317	96	0.04	0.0	0.014	0.006	0	0	0	297
PL.13008	PL.14244	ABC	#1/0 ACSR	7.49Y	124.9	0.09	0.10	48.06	21	1034	317	96	0.64	0.1	0.118	0.104	0	0	0	297
PL.13009	PL.13008	ABC	#1/0 ACSR	7.49Y	124.8	0.12	0.23	48.06	21	1033	316	96	0.85	0.1	0.257	0.139	0	0	0	297
PL.13010	PL.13009	ABC	#1/0 ACSR	7.48Y	124.7	0.04	0.26	48.06	21	1032	315	96	0.27	0.0	0.301	0.044	0	0	0	297

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13011	PL.13010	ABC	#1/0 ACSR	7.48Y	124.7	0.08	0.35	48.06	21	1032	315	96	0.59	0.1	0.397	0.096	0	0	0	297
PL.13012	PL.13011	ABC	#1/0 ACSR	7.48Y	124.6	0.06	0.41	48.06	21	1032	314	96	0.44	0.0	0.468	0.071	0	0	0	297
PL.13013	PL.13012	ABC	#1/0 ACSR	7.47Y	124.5	0.09	0.51	47.76	21	1025	312	96	0.66	0.1	0.576	0.109	0	0	0	296
PL.13675	PL.13013	A	#4 ACSR	7.47Y	124.5	0.00	0.51	0.95	1	7	2	96	0.00	0.0	0.581	0.005	0	0	0	1
PD.2250	PL.13675	A	50T	7.47Y	124.5	0.00	0.51	0.95	0	7	2	96	0.00	0.0	0.581	0.005	0	0	0	1
PL.13676	PD.2250	A	#4 ACSR	7.47Y	124.5	0.00	0.51	0.95	1	7	2	96	0.00	0.0	0.617	0.036	7	2	1	1
PL.13014	PL.13013	ABC	#1/0 ACSR	7.46Y	124.4	0.08	0.58	47.44	21	1017	309	96	0.54	0.1	0.666	0.090	2	1	1	295
PL.13015	PL.13014	ABC	#1/0 ACSR	7.46Y	124.4	0.06	0.65	47.35	21	1015	308	96	0.42	0.0	0.737	0.070	0	0	0	294
PL.13017	PL.13015	ABC	#1/0 ACSR	7.46Y	124.3	0.09	0.74	46.94	20	1005	305	96	0.64	0.1	0.846	0.109	0	0	0	293
PL.13018	PL.13017	ABC	#1/0 ACSR	7.45Y	124.2	0.06	0.79	46.94	20	1005	305	96	0.38	0.0	0.911	0.065	0	0	0	293
PL.13019	PL.13018	ABC	#1/0 ACSR	7.45Y	124.1	0.08	0.88	46.94	20	1004	304	96	0.56	0.1	1.007	0.096	0	0	0	293
PL.13020	PL.13019	ABC	#1/0 ACSR	7.44Y	124.0	0.08	0.95	46.94	20	1004	304	96	0.53	0.1	1.098	0.091	0	0	0	293
PL.13021	PL.13020	ABC	#1/0 ACSR	7.44Y	124.0	0.06	1.02	46.28	20	989	299	96	0.42	0.0	1.172	0.074	0	0	0	290
PL.13022	PL.13021	ABC	#1/0 ACSR	7.44Y	123.9	0.05	1.06	46.28	20	989	299	96	0.32	0.0	1.228	0.056	0	0	1	290
PL.13677	PL.13022	C	6 A (CWC)	7.44Y	123.9	0.00	1.07	2.78	2	20	6	96	0.00	0.0	1.233	0.005	0	0	0	4
PD.2251	PL.13677	C	50T	7.44Y	123.9	0.00	1.07	2.78	0	20	6	96	0.00	0.0	1.233	0.005	0	0	0	4
PL.13678	PD.2251	C	6 A (CWC)	7.44Y	123.9	0.01	1.07	2.78	2	20	6	96	0.00	0.0	1.288	0.055	7	2	1	4
PL.13024	PL.13678	C	6 A (CWC)	7.44Y	123.9	0.00	1.07	1.75	1	12	4	95	0.00	0.0	1.360	0.071	12	3	2	3
PL.13025	PL.13024	C	6 A (CWC)	7.44Y	123.9	0.00	1.07	0.11	0	1	0	100	0.00	0.0	1.427	0.067	1	0	1	1
PL.13023	PL.13022	ABC	#1/0 ACSR	7.43Y	123.9	0.07	1.14	45.34	20	968	293	96	0.47	0.0	1.315	0.086	1	0	1	285
PL.13026	PL.13023	ABC	#1/0 ACSR	7.43Y	123.8	0.07	1.20	45.30	20	967	292	96	0.44	0.0	1.395	0.080	6	2	1	284
PL.13027	PL.13026	ABC	#1/0 ACSR	7.42Y	123.7	0.06	1.26	45.01	20	960	290	96	0.39	0.0	1.467	0.072	7	2	1	283
PL.13028	PL.13027	ABC	#1/0 ACSR	7.42Y	123.7	0.06	1.32	44.67	19	953	287	96	0.36	0.0	1.536	0.069	3	1	1	282
PL.13029	PL.13028	ABC	#1/0 ACSR	7.42Y	123.7	0.03	1.34	44.55	19	950	286	96	0.18	0.0	1.570	0.034	6	2	1	281
PL.13673	PL.13029	C	6 A (CWC)	7.42Y	123.7	0.00	1.35	3.21	2	23	7	96	0.00	0.0	1.574	0.005	0	0	0	6
PD.2249	PL.13673	C	50T	7.42Y	123.7	0.00	1.35	3.21	0	23	7	96	0.00	0.0	1.574	0.005	0	0	0	6
PL.13674	PD.2249	C	6 A (CWC)	7.42Y	123.6	0.01	1.35	3.21	2	23	7	96	0.00	0.0	1.632	0.058	0	0	0	6
PL.13033	PL.13674	C	6 A (CWC)	7.42Y	123.6	0.00	1.36	2.50	2	18	5	96	0.00	0.0	1.667	0.035	0	0	0	5
PL.13034	PL.13033	C	6 A (CWC)	7.42Y	123.6	0.01	1.36	2.50	2	18	5	96	0.00	0.0	1.720	0.053	5	1	1	5
PL.13035	PL.13034	C	6 A (CWC)	7.42Y	123.6	0.01	1.37	1.81	1	13	4	96	0.00	0.0	1.857	0.137	4	1	1	4
PL.13036	PL.13035	C	6 A (CWC)	7.42Y	123.6	0.00	1.38	1.20	1	9	2	98	0.00	0.0	1.956	0.099	9	2	3	3

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13032	PL.13674	C	#1/0 ACSR	7.42Y	123.6	0.00	1.35	0.72	0	5	1	98	0.00	0.0	1.674	0.041	5	1	1	1
PL.13030	PL.13029	ABC	#1/0 ACSR	7.41Y	123.6	0.07	1.42	43.21	19	921	278	96	0.46	0.0	1.662	0.092	0	0	0	274
PL.13031	PL.13030	ABC	#1/0 ACSR	7.41Y	123.5	0.10	1.52	43.21	19	920	277	96	0.64	0.1	1.791	0.130	0	0	0	274
PL.13037	PL.13031	ABC	#1/0 ACSR	7.40Y	123.3	0.13	1.65	43.21	19	920	276	96	0.84	0.1	1.959	0.168	0	0	0	274
PL.13435	PL.13037	ABC	#1/0 ACSR	7.40Y	123.3	0.07	1.72	43.21	19	919	276	96	0.43	0.0	2.045	0.086	0	0	0	274
PL.13038	PL.13435	ABC	#1/0 ACSR	7.39Y	123.2	0.05	1.77	43.21	19	918	275	96	0.33	0.0	2.112	0.067	0	0	0	274
PL.13039	PL.13038	ABC	#1/0 ACSR	7.39Y	123.1	0.10	1.88	43.21	19	918	275	96	0.66	0.1	2.244	0.132	0	0	0	274
PL.13040	PL.13039	ABC	#1/0 ACSR	7.38Y	123.1	0.04	1.92	43.21	19	917	274	96	0.28	0.0	2.300	0.056	0	0	0	274
PL.13042	PL.13040	ABC	#1/0 ACSR	7.38Y	123.0	0.04	1.96	42.94	19	912	272	96	0.23	0.0	2.348	0.048	5	1	2	273
PL.13043	PL.13042	ABC	#1/0 ACSR	7.38Y	123.0	0.04	2.00	42.71	19	906	271	96	0.24	0.0	2.397	0.050	0	0	0	271
PL.13044	PL.13043	ABC	#1/0 ACSR	7.38Y	122.9	0.06	2.06	42.71	19	906	271	96	0.40	0.0	2.479	0.082	0	0	0	271
PL.13045	PL.13044	ABC	#1/0 ACSR	7.37Y	122.9	0.06	2.12	42.55	18	902	269	96	0.40	0.0	2.561	0.082	0	0	0	270
PL.13047	PL.13045	ABC	#1/0 ACSR	7.37Y	122.8	0.03	2.15	24.00	10	509	151	96	0.10	0.0	2.624	0.063	0	0	0	145
PL.13048	PL.13047	ABC	#1/0 ACSR	7.37Y	122.8	0.05	2.20	24.00	10	509	151	96	0.16	0.0	2.730	0.106	7	2	1	145
PL.13727	PL.13048	A	6 A (CWC)	7.37Y	122.8	0.00	2.20	7.43	5	53	15	96	0.00	0.0	2.733	0.003	0	0	0	12
PD.2277	PL.13727	A	50L	7.37Y	122.8	0.00	2.20	7.43	15	53	15	96	0.00	0.0	2.733	0.003	0	0	0	12
PL.13728	PD.2277	A	6 A (CWC)	7.37Y	122.8	0.02	2.22	7.43	5	53	15	96	0.01	0.0	2.797	0.064	8	2	3	12
PL.13051	PL.13728	A	#2 ACSR	7.37Y	122.8	0.00	2.22	0.22	0	2	0	100	0.00	0.0	2.830	0.033	2	0	1	1
PL.13520	PL.13728	A	6 A (CWC)	7.37Y	122.8	0.02	2.24	6.04	4	43	12	96	0.01	0.0	2.866	0.069	0	0	0	8
PL.13052	PL.13520	A	6 A (CWC)	7.36Y	122.7	0.05	2.28	6.04	4	43	12	96	0.01	0.0	3.031	0.165	0	0	0	8
PL.13054	PL.13052	A	#2 ACSR	7.36Y	122.7	0.00	2.28	1.00	1	7	2	96	0.00	0.0	3.073	0.042	7	2	1	1
PL.13053	PL.13052	A	#2 ACSR	7.36Y	122.7	0.00	2.28	0.79	0	6	2	95	0.00	0.0	3.052	0.021	0	0	0	1
PL.13055	PL.13053	A	#2 ACSR	7.36Y	122.7	0.00	2.28	0.79	0	6	2	95	0.00	0.0	3.078	0.026	6	2	1	1
PL.13236	PL.13052	A	6 A (CWC)	7.36Y	122.7	0.02	2.30	4.25	3	30	9	96	0.00	0.0	3.136	0.104	0	0	0	6
PL.13056	PL.13236	A	6 A (CWC)	7.36Y	122.7	0.03	2.34	4.25	3	30	9	96	0.01	0.0	3.310	0.174	0	0	0	6
PL.13058	PL.13056	A	6 A (CWC)	7.36Y	122.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	3.365	0.056	0	0	0	0
PL.13059	PL.13058	A	6 A (CWC)	7.36Y	122.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	3.454	0.089	0	0	0	0
PL.13060	PL.13059	A	6 A (CWC)	7.36Y	122.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	3.530	0.076	0	0	0	0
PL.13061	PL.13060	A	6 A (CWC)	7.36Y	122.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	3.609	0.079	0	0	0	0
PL.13057	PL.13056	A	6 A (CWC)	7.36Y	122.7	0.01	2.35	4.25	3	30	9	96	0.00	0.0	3.369	0.060	0	0	0	6
PL.13064	PL.13057	A	6 A (CWC)	7.36Y	122.6	0.03	2.38	4.25	3	30	9	96	0.01	0.0	3.510	0.141	0	0	0	6

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13437	PL.13064	A	6 A (CWC)	7.36Y	122.6	0.02	2.40	4.25	3	30	9	96	0.00	0.0	3.619	0.109	0	0	0	6
PL.13065	PL.13437	A	6 A (CWC)	7.36Y	122.6	0.01	2.41	4.25	3	30	9	96	0.00	0.0	3.691	0.072	0	0	0	6
PL.13653	PL.13065	A	#1/0 ACSR	7.36Y	122.6	0.00	2.41	1.93	1	14	4	96	0.00	0.0	3.696	0.005	0	0	0	3
PD.2239	PL.13653	A	20T	7.36Y	122.6	0.00	2.41	1.93	0	14	4	96	0.00	0.0	3.696	0.005	0	0	0	3
PL.13654	PD.2239	A	#1/0 ACSR	7.36Y	122.6	0.00	2.41	1.93	1	14	4	96	0.00	0.0	3.743	0.048	0	0	0	3
PL.13066	PL.13654	A	#1/0 ACSR	7.35Y	122.6	0.00	2.42	1.93	1	14	4	96	0.00	0.0	3.851	0.108	0	0	0	3
PL.13067	PL.13066	A	#1/0 ACSR	7.35Y	122.6	0.00	2.42	1.93	1	14	4	96	0.00	0.0	3.871	0.019	10	3	1	3
PL.13068	PL.13067	A	#1/0 ACSR	7.35Y	122.6	0.00	2.42	0.52	0	4	1	97	0.00	0.0	3.959	0.088	0	0	0	2
PL.13069	PL.13068	A	#1/0 ACSR	7.35Y	122.6	0.00	2.42	0.52	0	4	1	97	0.00	0.0	4.024	0.065	4	1	2	2
PL.13237	PL.13065	A	6 A (CWC)	7.35Y	122.6	0.01	2.42	2.31	2	16	5	95	0.00	0.0	3.773	0.082	0	0	0	3
PL.13070	PL.13237	A	6 A (CWC)	7.35Y	122.6	0.02	2.44	2.31	2	16	5	95	0.00	0.0	3.950	0.177	0	0	0	3
PL.13438	PL.13070	A	6 A (CWC)	7.35Y	122.5	0.01	2.45	2.31	2	16	5	95	0.00	0.0	4.058	0.108	0	0	0	3
PL.13439	PL.13438	A	6 A (CWC)	7.35Y	122.5	0.01	2.46	2.31	2	16	5	95	0.00	0.0	4.155	0.097	0	0	0	3
PL.13071	PL.13439	A	6 A (CWC)	7.35Y	122.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	4.220	0.065	0	0	0	0
PL.13072	PL.13439	A	6 A (CWC)	7.35Y	122.5	0.01	2.48	2.31	2	16	5	95	0.00	0.0	4.284	0.130	0	0	0	3
PL.13073	PL.13072	A	6 A (CWC)	7.35Y	122.5	0.01	2.48	2.31	2	16	5	95	0.00	0.0	4.362	0.077	0	0	0	3
PL.13074	PL.13073	A	6 A (CWC)	7.35Y	122.5	0.00	2.49	0.84	1	6	2	95	0.00	0.0	4.417	0.056	0	0	0	2
PL.13076	PL.13074	A	6 A (CWC)	7.35Y	122.5	0.00	2.49	0.84	1	6	2	95	0.00	0.0	4.490	0.073	0	0	0	2
PL.13075	PL.13076	A	6 A (CWC)	7.35Y	122.5	0.00	2.49	0.84	1	6	2	95	0.00	0.0	4.564	0.074	6	2	2	2
PL.13238	PL.13076	A	6 A (CWC)	7.35Y	122.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	4.513	0.023	0	0	0	0
PL.13077	PL.13073	A	#2 ACSR	7.35Y	122.5	0.00	2.48	1.47	1	10	3	96	0.00	0.0	4.406	0.044	10	3	1	1
PL.13050	PL.13048	ABC	#1/0 ACSR	7.37Y	122.8	0.04	2.23	21.18	9	449	133	96	0.11	0.0	2.823	0.093	5	1	1	132
PL.13659	PL.13050	A	#2 ACSR	7.37Y	122.8	0.00	2.23	1.07	1	8	2	97	0.00	0.0	2.828	0.005	0	0	0	2
PD.2242	PL.13659	A	10T	7.37Y	122.8	0.00	2.23	1.07	0	8	2	97	0.00	0.0	2.828	0.005	0	0	0	2
PL.13660	PD.2242	A	#2 ACSR	7.37Y	122.8	0.00	2.23	1.07	1	8	2	97	0.00	0.0	2.871	0.043	0	0	0	2
PL.13554	PL.13660	A	#2 ACSR	7.37Y	122.8	0.00	2.24	1.07	1	8	2	97	0.00	0.0	2.898	0.027	8	2	2	2
PL.13078	PL.13050	ABC	#1/0 ACSR	7.36Y	122.7	0.02	2.26	20.59	9	436	129	96	0.07	0.0	2.888	0.065	0	0	0	129
PL.13079	PL.13078	ABC	#1/0 ACSR	7.36Y	122.7	0.02	2.28	20.59	9	436	129	96	0.06	0.0	2.942	0.054	0	0	0	129
PL.13739	PL.13079	ABC	#1/0 ACSR	7.36Y	122.7	0.00	2.28	20.59	9	436	129	96	0.00	0.0	2.945	0.003	0	0	0	129
PD.2283	PL.13739	ABC	50L	7.36Y	122.7	0.00	2.28	20.59	41	436	129	96	0.00	0.0	2.945	0.003	0	0	0	129
PL.13740	PD.2283	ABC	#1/0 ACSR	7.36Y	122.7	0.02	2.30	20.59	9	436	129	96	0.07	0.0	3.004	0.059	8	2	1	129

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13657	PL.13740	B	#2 ACSR	7.36Y	122.7	0.00	2.30	1.39	1	10	3	96	0.00	0.0	3.008	0.004	0	0	0	1
PD.2241	PL.13657	B	20T	7.36Y	122.7	0.00	2.30	1.39	0	10	3	96	0.00	0.0	3.008	0.004	0	0	0	1
PL.13658	PD.2241	B	#2 ACSR	7.36Y	122.7	0.00	2.30	1.39	1	10	3	96	0.00	0.0	3.029	0.021	10	3	1	1
PL.13080	PL.13740	ABC	#1/0 ACSR	7.36Y	122.7	0.03	2.33	19.76	9	418	124	96	0.07	0.0	3.075	0.071	0	0	0	127
PL.13081	PL.13080	ABC	#1/0 ACSR	7.36Y	122.6	0.04	2.36	19.76	9	418	124	96	0.10	0.0	3.175	0.101	0	0	0	127
PL.72526	PL.13081	C	6 A (CWC)	7.36Y	122.6	0.00	2.36	0.80	1	6	2	95	0.00	0.0	3.176	0.001	0	0	0	1
PD.2240	PL.72526	C	20T	7.36Y	122.6	0.00	2.36	0.80	0	6	2	95	0.00	0.0	3.176	0.001	0	0	0	1
PL.72524	PD.2240	C	6 A (CWC)	7.36Y	122.6	0.00	2.36	0.80	1	6	2	95	0.00	0.0	3.177	0.001	0	0	0	1
PL.72525	PL.72524	C	6 A (CWC)	7.36Y	122.6	0.00	2.36	0.80	1	6	2	95	0.00	0.0	3.213	0.036	0	0	0	1
PL.13083	PL.72525	C	6 A (CWC)	7.36Y	122.6	0.00	2.37	0.80	1	6	2	95	0.00	0.0	3.280	0.067	0	0	0	1
PL.13084	PL.13083	C	6 A (CWC)	7.36Y	122.6	0.00	2.37	0.80	1	6	2	95	0.00	0.0	3.308	0.028	0	0	0	1
PL.13085	PL.13084	C	#2 ACSR	7.36Y	122.6	0.00	2.37	0.80	0	6	2	95	0.00	0.0	3.336	0.028	6	2	1	1
PL.13082	PL.13081	ABC	#1/0 ACSR	7.35Y	122.6	0.07	2.43	19.49	8	413	122	96	0.19	0.0	3.362	0.186	0	0	0	126
PL.13087	PL.13082	ABC	#1/0 ACSR	7.35Y	122.5	0.02	2.45	19.49	8	412	122	96	0.07	0.0	3.429	0.067	0	0	0	126
PL.13088	PL.13087	ABC	#1/0 ACSR	7.35Y	122.5	0.04	2.49	19.49	8	412	122	96	0.12	0.0	3.548	0.120	0	0	0	126
PL.13440	PL.13088	ABC	#1/0 ACSR	7.35Y	122.5	0.03	2.52	19.49	8	412	122	96	0.08	0.0	3.628	0.080	0	0	0	126
PL.13089	PL.13440	ABC	#1/0 ACSR	7.35Y	122.5	0.02	2.54	19.49	8	412	122	96	0.05	0.0	3.677	0.048	0	0	0	126
PL.13090	PL.13089	ABC	#1/0 ACSR	7.35Y	122.4	0.02	2.56	19.49	8	412	122	96	0.05	0.0	3.722	0.046	0	0	0	126
PL.13091	PL.13090	ABC	#1/0 ACSR	7.34Y	122.4	0.03	2.58	19.49	8	412	122	96	0.08	0.0	3.800	0.078	0	0	0	126
PL.13092	PL.13091	ABC	#1/0 ACSR	7.34Y	122.4	0.05	2.63	19.49	8	412	121	96	0.13	0.0	3.932	0.132	0	0	0	126
PL.13093	PL.13092	ABC	#1/0 ACSR	7.34Y	122.3	0.04	2.67	19.49	8	412	121	96	0.11	0.0	4.039	0.107	0	0	0	126
PL.13094	PL.13093	ABC	#1/0 ACSR	7.34Y	122.3	0.03	2.69	19.49	8	412	121	96	0.07	0.0	4.112	0.073	0	0	0	126
PL.13430	PL.13094	ABC	#1/0 ACSR	7.34Y	122.3	0.05	2.75	19.26	8	407	120	96	0.14	0.0	4.257	0.145	0	0	0	125
PL.13552	PL.13430	ABC	#1/0 ACSR	7.33Y	122.2	0.05	2.80	19.26	8	407	120	96	0.14	0.0	4.404	0.148	13	4	2	125
PL.13553	PL.13552	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.81	18.65	8	394	116	96	0.04	0.0	4.449	0.044	8	2	2	123
PL.13095	PL.13553	ABC	#1/0 ACSR	7.33Y	122.2	0.02	2.83	18.25	8	385	113	96	0.05	0.0	4.502	0.053	0	0	0	121
PL.13649	PL.13095	C	6 A (CWC)	7.33Y	122.2	0.00	2.83	1.39	1	10	3	96	0.00	0.0	4.507	0.005	0	0	0	2
PD.2237	PL.13649	C	20T	7.33Y	122.2	0.00	2.83	1.39	0	10	3	96	0.00	0.0	4.507	0.005	0	0	0	2
PL.13650	PD.2237	C	6 A (CWC)	7.33Y	122.2	0.00	2.83	1.39	1	10	3	96	0.00	0.0	4.521	0.014	0	0	0	2
PL.13096	PL.13650	C	6 A (CWC)	7.33Y	122.2	0.01	2.84	1.39	1	10	3	96	0.00	0.0	4.626	0.105	0	0	0	2
PL.13097	PL.13096	C	6 A (CWC)	7.33Y	122.2	0.01	2.84	1.39	1	10	3	96	0.00	0.0	4.736	0.111	0	0	0	2

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13098	PL.13097	C	6 A (CWC)	7.33Y	122.2	0.01	2.85	1.39	1	10	3	96	0.00	0.0	4.824	0.088	0	0	0	2
PL.13099	PL.13098	C	6 A (CWC)	7.33Y	122.1	0.00	2.85	1.39	1	10	3	96	0.00	0.0	4.889	0.065	5	2	1	2
PL.13100	PL.13099	C	#2 ACSR	7.33Y	122.1	0.00	2.85	0.62	0	4	1	97	0.00	0.0	4.947	0.058	4	1	1	1
PL.13101	PL.13095	ABC	#1/0 ACSR	7.33Y	122.1	0.03	2.86	17.79	8	375	110	96	0.07	0.0	4.587	0.085	0	0	0	119
PL.13102	PL.13101	C	6 A (CWC)	7.33Y	122.1	0.01	2.87	5.98	4	42	12	96	0.00	0.0	4.641	0.054	0	0	1	11
PL.13647	PL.13102	C	6 A (CWC)	7.33Y	122.1	0.00	2.87	5.98	4	42	12	96	0.00	0.0	4.645	0.005	0	0	0	10
PD.2236	PL.13647	C	20T	7.33Y	122.1	0.00	2.87	5.98	0	42	12	96	0.00	0.0	4.645	0.005	0	0	0	10
PL.13648	PD.2236	C	6 A (CWC)	7.33Y	122.1	0.01	2.88	5.98	4	42	12	96	0.00	0.0	4.679	0.033	5	1	3	10
PL.13105	PL.13648	C	6 A (CWC)	7.33Y	122.1	0.00	2.89	4.16	3	29	9	96	0.00	0.0	4.704	0.025	0	0	0	6
PL.13106	PL.13105	C	6 A (CWC)	7.33Y	122.1	0.01	2.90	4.16	3	29	9	96	0.00	0.0	4.766	0.063	7	2	1	6
PL.13107	PL.13106	C	6 A (CWC)	7.33Y	122.1	0.02	2.91	3.21	2	23	7	96	0.00	0.0	4.871	0.105	0	0	0	5
PL.13108	PL.13107	C	6 A (CWC)	7.32Y	122.1	0.02	2.93	3.21	2	23	7	96	0.00	0.0	5.024	0.153	1	0	1	5
PL.13548	PL.13108	C	6 A (CWC)	7.32Y	122.1	0.01	2.95	3.07	2	22	6	96	0.00	0.0	5.143	0.119	6	2	1	4
PL.13549	PL.13548	C	6 A (CWC)	7.32Y	122.0	0.01	2.96	2.20	2	15	5	95	0.00	0.0	5.246	0.103	1	0	1	3
PL.13109	PL.13549	C	6 A (CWC)	7.32Y	122.0	0.01	2.97	2.10	1	15	4	97	0.00	0.0	5.342	0.096	0	0	0	2
PL.13110	PL.13109	C	6 A (CWC)	7.32Y	122.0	0.01	2.98	2.10	1	15	4	97	0.00	0.0	5.446	0.105	0	0	0	2
PL.13111	PL.13110	C	6 A (CWC)	7.32Y	122.0	0.01	2.99	2.10	1	15	4	97	0.00	0.0	5.558	0.112	0	0	0	2
PL.13112	PL.13111	C	6 A (CWC)	7.32Y	122.0	0.01	2.99	2.10	1	15	4	97	0.00	0.0	5.649	0.090	7	2	1	2
PL.13114	PL.13112	C	6 A (CWC)	7.32Y	122.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	5.747	0.099	0	0	0	0
PL.13113	PL.13112	C	6 A (CWC)	7.32Y	122.0	0.00	3.00	1.09	1	8	2	97	0.00	0.0	5.712	0.063	8	2	1	1
PL.13104	PL.13648	C	6 A (CWC)	7.33Y	122.1	0.00	2.88	1.11	1	8	2	97	0.00	0.0	4.757	0.078	8	2	1	1
PL.13103	PL.13101	ABC	#1/0 ACSR	7.33Y	122.1	0.02	2.87	15.79	7	333	98	96	0.04	0.0	4.647	0.061	0	0	0	108
PL.13115	PL.13103	ABC	#1/0 ACSR	7.33Y	122.1	0.01	2.89	15.72	7	332	97	96	0.03	0.0	4.694	0.047	0	0	0	107
PL.13116	PL.13115	ABC	#1/0 ACSR	7.33Y	122.1	0.03	2.91	15.72	7	332	97	96	0.06	0.0	4.788	0.094	0	0	0	107
PL.13239	PL.13116	ABC	#1/0 ACSR	7.32Y	122.1	0.01	2.93	14.54	6	307	90	96	0.03	0.0	4.834	0.046	0	0	0	100
PL.13118	PL.13239	ABC	#1/0 ACSR	7.32Y	122.1	0.01	2.94	14.54	6	307	90	96	0.03	0.0	4.880	0.046	12	3	2	100
PL.13126	PL.13118	ABC	#1/0 ACSR	7.32Y	122.0	0.01	2.95	14.00	6	295	87	96	0.03	0.0	4.933	0.054	0	0	0	98
PL.13641	PL.13126	A	#2 ACSR	7.32Y	122.0	0.00	2.95	0.35	0	2	1	89	0.00	0.0	4.938	0.005	0	0	0	1
PD.2233	PL.13641	A	20T	7.32Y	122.0	0.00	2.95	0.35	0	2	1	89	0.00	0.0	4.938	0.005	0	0	0	1
PL.13642	PD.2233	A	#2 ACSR	7.32Y	122.0	0.00	2.95	0.35	0	2	1	89	0.00	0.0	4.992	0.054	2	1	1	1
PL.13550	PL.13126	ABC	#1/0 ACSR	7.32Y	122.0	0.01	2.96	13.88	6	293	86	96	0.02	0.0	4.967	0.034	3	1	1	97

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: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13551	PL.13550	ABC	#1/0 ACSR	7.32Y	122.0	0.01	2.97	13.73	6	289	85	96	0.02	0.0	5.004	0.037	0	0	0	96
PL.13127	PL.13551	ABC	#1/0 ACSR	7.32Y	122.0	0.02	2.99	13.73	6	289	85	96	0.04	0.0	5.080	0.076	0	0	0	96
PL.13128	PL.13127	ABC	#1/0 ACSR	7.32Y	122.0	0.01	3.00	13.73	6	289	85	96	0.02	0.0	5.129	0.050	7	2	2	96
PL.13540	PL.13128	ABC	#1/0 ACSR	7.32Y	122.0	0.02	3.02	13.40	6	282	83	96	0.03	0.0	5.195	0.065	1	0	1	94
PL.13541	PL.13540	ABC	#1/0 ACSR	7.32Y	122.0	0.00	3.02	13.36	6	282	83	96	0.00	0.0	5.200	0.006	0	0	0	93
PL.13708	PL.13541	C	6 A (CWC)	7.32Y	122.0	0.00	3.02	0.85	1	6	2	95	0.00	0.0	5.205	0.005	0	0	0	4
PD.2267	PL.13708	C	20T	7.32Y	122.0	0.00	3.02	0.85	0	6	2	95	0.00	0.0	5.205	0.005	0	0	0	4
PL.13707	PD.2267	C	6 A (CWC)	7.32Y	122.0	0.00	3.02	0.85	1	6	2	95	0.00	0.0	5.237	0.032	6	2	4	4
PL.13637	PL.13541	A	6 A (CWC)	7.32Y	122.0	0.00	3.02	1.44	1	10	3	96	0.00	0.0	5.205	0.005	0	0	0	8
PD.2231	PL.13637	A	20T	7.32Y	122.0	0.00	3.02	1.44	0	10	3	96	0.00	0.0	5.205	0.005	0	0	0	8
PL.13638	PD.2231	A	6 A (CWC)	7.32Y	122.0	0.00	3.02	1.44	1	10	3	96	0.00	0.0	5.257	0.052	0	0	1	8
PL.13131	PL.13638	A	6 A (CWC)	7.32Y	122.0	0.00	3.02	0.20	0	1	0	100	0.00	0.0	5.310	0.053	0	0	0	1
PL.13132	PL.13131	A	6 A (CWC)	7.32Y	122.0	0.00	3.02	0.20	0	1	0	100	0.00	0.0	5.391	0.081	0	0	0	1
PL.13133	PL.13132	A	6 A (CWC)	7.32Y	122.0	0.00	3.02	0.20	0	1	0	100	0.00	0.0	5.442	0.051	0	0	0	1
PL.13134	PL.13133	A	6 A (CWC)	7.32Y	122.0	0.00	3.02	0.20	0	1	0	100	0.00	0.0	5.490	0.048	0	0	0	1
PL.13135	PL.13134	A	6 A (CWC)	7.32Y	122.0	0.00	3.02	0.20	0	1	0	100	0.00	0.0	5.547	0.057	0	0	0	1
PL.13136	PL.13135	A	6 A (CWC)	7.32Y	122.0	0.00	3.02	0.20	0	1	0	100	0.00	0.0	5.644	0.097	1	0	1	1
PL.13130	PL.13638	A	#2 ACSR	7.32Y	122.0	0.00	3.02	1.24	1	9	3	95	0.00	0.0	5.291	0.035	5	1	2	6
PL.13137	PL.13130	A	#2 ACSR	7.32Y	122.0	0.00	3.02	0.55	0	4	1	97	0.00	0.0	5.361	0.069	4	1	4	4
PL.13129	PL.13541	ABC	#1/0 ACSR	7.32Y	122.0	0.01	3.03	12.60	5	265	78	96	0.02	0.0	5.255	0.055	0	0	0	81
PL.13138	PL.13129	ABC	#1/0 ACSR	7.32Y	121.9	0.04	3.07	12.60	5	265	78	96	0.07	0.0	5.426	0.171	0	0	0	81
PL.13139	PL.13138	ABC	#1/0 ACSR	7.31Y	121.9	0.03	3.10	12.60	5	265	78	96	0.05	0.0	5.540	0.114	0	0	0	81
PL.13140	PL.13139	ABC	#1/0 ACSR	7.31Y	121.9	0.01	3.11	12.60	5	265	78	96	0.02	0.0	5.597	0.057	0	0	0	81
PL.13141	PL.13140	ABC	#1/0 ACSR	7.31Y	121.9	0.01	3.12	9.39	4	198	58	96	0.01	0.0	5.655	0.058	0	0	0	65
PL.13163	PL.13141	ABC	#1/0 ACSR	7.31Y	121.9	0.02	3.14	9.39	4	198	58	96	0.03	0.0	5.777	0.122	0	0	0	65
PL.13164	PL.13163	ABC	#1/0 ACSR	7.31Y	121.8	0.02	3.16	9.39	4	198	58	96	0.03	0.0	5.891	0.114	0	0	0	65
PL.13165	PL.13164	ABC	#1/0 ACSR	7.31Y	121.8	0.01	3.17	9.39	4	198	58	96	0.01	0.0	5.950	0.059	0	0	0	65
PL.13166	PL.13165	ABC	#1/0 ACSR	7.31Y	121.8	0.01	3.18	9.39	4	198	58	96	0.02	0.0	6.037	0.087	0	0	0	65
PL.13167	PL.13166	ABC	#1/0 ACSR	7.31Y	121.8	0.01	3.19	9.39	4	198	58	96	0.01	0.0	6.075	0.038	4	1	1	65
PL.13635	PL.13167	A	6 A (CWC)	7.31Y	121.8	0.00	3.19	4.89	3	34	10	96	0.00	0.0	6.079	0.005	0	0	0	8
PD.2230	PL.13635	A	20T	7.31Y	121.8	0.00	3.19	4.89	0	34	10	96	0.00	0.0	6.079	0.005	0	0	0	8

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13636	PD.2230	A	6 A (CWC)	7.31Y	121.8	0.01	3.20	4.89	3	34	10	96	0.00	0.0	6.127	0.048	0	0	0	8
PL.13168	PL.13636	A	6 A (CWC)	7.31Y	121.8	0.02	3.22	4.89	3	34	10	96	0.01	0.0	6.215	0.088	0	0	1	8
PL.13169	PL.13168	A	6 A (CWC)	7.31Y	121.8	0.02	3.24	4.88	3	34	10	96	0.00	0.0	6.282	0.067	0	0	0	7
PL.13170	PL.13169	A	6 A (CWC)	7.30Y	121.7	0.03	3.26	4.88	3	34	10	96	0.01	0.0	6.403	0.120	3	1	2	7
PL.13172	PL.13170	A	6 A (CWC)	7.30Y	121.7	0.01	3.27	3.02	2	21	6	96	0.00	0.0	6.482	0.079	0	0	0	3
PL.13173	PL.13172	A	6 A (CWC)	7.30Y	121.7	0.02	3.29	3.02	2	21	6	96	0.00	0.0	6.668	0.185	15	4	2	3
PL.13174	PL.13173	A	6 A (CWC)	7.30Y	121.7	0.00	3.29	0.90	1	6	2	95	0.00	0.0	6.743	0.075	6	2	1	1
PL.13171	PL.13170	A	#4 ACSR	7.30Y	121.7	0.00	3.27	1.37	1	10	3	96	0.00	0.0	6.484	0.081	0	0	1	2
PL.13515	PL.13171	A	#4 ACSR	7.30Y	121.7	0.00	3.27	1.31	1	9	3	95	0.00	0.0	6.551	0.068	0	0	0	1
PL.13516	PL.13515	A	#4 ACSR	7.30Y	121.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	6.640	0.088	0	0	0	0
PL.13179	PL.13515	A	#2 ACSR	7.30Y	121.7	0.00	3.27	1.31	1	9	3	95	0.00	0.0	6.570	0.018	9	3	1	1
PL.13180	PL.13167	ABC	#1/0 ACSR	7.31Y	121.8	0.01	3.20	7.55	3	159	47	96	0.01	0.0	6.132	0.058	0	0	0	56
PL.13181	PL.13180	ABC	#1/0 ACSR	7.31Y	121.8	0.02	3.21	7.55	3	159	47	96	0.02	0.0	6.246	0.114	0	0	0	56
PL.13182	PL.13181	ABC	#1/0 ACSR	7.31Y	121.8	0.01	3.22	7.55	3	159	47	96	0.01	0.0	6.316	0.070	0	0	0	56
PL.13183	PL.13182	ABC	#1/0 ACSR	7.31Y	121.8	0.01	3.23	7.55	3	159	47	96	0.01	0.0	6.374	0.058	0	0	0	56
PL.13184	PL.13183	ABC	#1/0 ACSR	7.31Y	121.8	0.01	3.24	7.55	3	159	47	96	0.01	0.0	6.436	0.061	0	0	0	56
PL.13185	PL.13184	ABC	#1/0 ACSR	7.31Y	121.8	0.01	3.25	7.55	3	159	47	96	0.01	0.0	6.499	0.064	0	0	0	56
PL.13186	PL.13185	ABC	#1/0 ACSR	7.30Y	121.7	0.01	3.26	7.55	3	159	47	96	0.01	0.0	6.564	0.065	0	0	0	56
PL.13187	PL.13186	ABC	#1/0 ACSR	7.30Y	121.7	0.01	3.27	7.26	3	153	45	96	0.01	0.0	6.635	0.071	0	0	0	54
PL.13188	PL.13187	ABC	#1/0 ACSR	7.30Y	121.7	0.01	3.27	7.26	3	153	45	96	0.01	0.0	6.696	0.061	0	0	0	54
PL.13189	PL.13188	ABC	#1/0 ACSR	7.30Y	121.7	0.01	3.28	7.26	3	153	45	96	0.01	0.0	6.763	0.067	0	0	0	54
PL.13190	PL.13189	ABC	#1/0 ACSR	7.30Y	121.7	0.01	3.29	6.89	3	145	42	96	0.01	0.0	6.827	0.065	0	0	0	53
PL.13721	PL.13190	A	6 A (CWC)	7.30Y	121.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	6.832	0.005	0	0	0	0
PD.2274	PL.13721	A	20T	7.30Y	121.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	6.832	0.005	0	0	0	0
PL.13722	PD.2274	A	6 A (CWC)	7.30Y	121.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	6.839	0.007	0	0	0	0
PL.13191	PL.13190	ABC	#1/0 ACSR	7.30Y	121.7	0.02	3.31	6.57	3	138	40	96	0.02	0.0	7.005	0.178	0	0	0	52
PL.13711	PL.13191	C	#4 ACSR	7.30Y	121.7	0.00	3.31	0.40	0	3	1	95	0.00	0.0	7.010	0.005	0	0	0	3
PD.2269	PL.13711	C	20T	7.30Y	121.7	0.00	3.31	0.40	0	3	1	95	0.00	0.0	7.010	0.005	0	0	0	3
PL.13712	PD.2269	C	#4 ACSR	7.30Y	121.7	0.00	3.31	0.40	0	3	1	95	0.00	0.0	7.034	0.025	3	1	3	3
PL.13719	PL.13191	A	#4 ACSR	7.30Y	121.7	0.00	3.31	0.57	0	4	1	97	0.00	0.0	7.009	0.004	0	0	0	1
PD.2273	PL.13719	A	20T	7.30Y	121.7	0.00	3.31	0.57	0	4	1	97	0.00	0.0	7.009	0.004	0	0	0	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13720	PD.2273	A	#4 ACSR	7.30Y	121.7	0.00	3.31	0.57	0	4	1	97	0.00	0.0	7.022	0.012	4	1	1	1
PL.13521	PL.13191	ABC	#1/0 ACSR	7.30Y	121.7	0.00	3.32	6.24	3	131	38	96	0.00	0.0	7.045	0.040	0	0	1	48
PL.13192	PL.13521	A	#2 ACSR	7.30Y	121.7	0.01	3.33	7.73	4	54	16	96	0.01	0.0	7.100	0.055	0	0	0	18
PL.13193	PL.13192	A	#2 ACSR	7.30Y	121.7	0.00	3.33	7.73	4	54	16	96	0.00	0.0	7.105	0.005	0	0	0	18
PD.2227	PL.13193	A	20T	7.30Y	121.7	0.00	3.33	7.73	0	54	16	96	0.00	0.0	7.105	0.005	0	0	0	18
PL.13523	PD.2227	A	#4 ACSR	7.30Y	121.7	0.00	3.33	5.29	4	37	11	96	0.00	0.0	7.113	0.008	0	0	0	15
PL.13524	PL.13523	A	#4 ACSR	7.30Y	121.7	0.00	3.33	5.29	4	37	11	96	0.00	0.0	7.113	0.000	0	0	0	15
PL.13194	PL.13524	A	#4 ACSR	7.30Y	121.7	0.01	3.34	5.29	4	37	11	96	0.00	0.0	7.138	0.025	6	2	2	15
PL.13334	PL.13194	A	#4 ACSR	7.30Y	121.6	0.04	3.37	4.43	3	31	9	96	0.01	0.0	7.318	0.180	0	0	0	13
PL.13335	PL.13334	A	#4 ACSR	7.30Y	121.6	0.03	3.41	4.43	3	31	9	96	0.01	0.0	7.478	0.160	0	0	0	13
PL.13441	PL.13335	A	#4 ACSR	7.30Y	121.6	0.01	3.42	4.43	3	31	9	96	0.00	0.0	7.524	0.047	0	0	0	13
PL.13337	PL.13441	A	#4 ACSR	7.29Y	121.6	0.02	3.43	4.43	3	31	9	96	0.00	0.0	7.619	0.095	0	0	0	12
PL.13338	PL.13337	A	#4 ACSR	7.29Y	121.5	0.03	3.46	4.43	3	31	9	96	0.01	0.0	7.766	0.147	6	2	1	12
PL.13339	PL.13338	A	#4 ACSR	7.29Y	121.5	0.01	3.47	3.54	3	25	7	96	0.00	0.0	7.849	0.083	2	1	1	11
PL.13340	PL.13339	A	#4 ACSR	7.29Y	121.5	0.01	3.49	3.20	2	22	7	95	0.00	0.0	7.936	0.088	0	0	1	10
PL.13341	PL.13340	A	#4 ACSR	7.29Y	121.5	0.01	3.50	3.20	2	22	7	95	0.00	0.0	8.016	0.080	5	1	1	9
PL.13342	PL.13341	A	#4 ACSR	7.29Y	121.5	0.01	3.50	2.52	2	18	5	96	0.00	0.0	8.095	0.078	0	0	0	8
PL.13344	PL.13342	A	#4 ACSR	7.29Y	121.5	0.01	3.52	2.52	2	18	5	96	0.00	0.0	8.210	0.115	0	0	0	8
PL.13345	PL.13344	A	#4 ACSR	7.29Y	121.5	0.01	3.53	2.52	2	18	5	96	0.00	0.0	8.331	0.121	1	0	1	8
PL.13346	PL.13345	A	#4 ACSR	7.29Y	121.5	0.01	3.54	2.42	2	17	5	96	0.00	0.0	8.403	0.072	0	0	0	7
PL.13347	PL.13346	A	#4 ACSR	7.29Y	121.5	0.01	3.54	2.42	2	17	5	96	0.00	0.0	8.456	0.053	1	0	2	7
PL.13348	PL.13347	A	#4 ACSR	7.29Y	121.5	0.00	3.55	0.41	0	3	1	95	0.00	0.0	8.503	0.047	0	0	0	1
PL.13546	PL.13348	A	#4 ACSR	7.29Y	121.5	0.00	3.55	0.41	0	3	1	95	0.00	0.0	8.594	0.091	0	0	0	1
PL.13547	PL.13546	A	#4 ACSR	7.29Y	121.5	0.00	3.55	0.41	0	3	1	95	0.00	0.0	8.657	0.063	3	1	1	1
PL.13349	PL.13347	A	#4 ACSR	7.29Y	121.4	0.01	3.55	1.82	1	13	4	96	0.00	0.0	8.538	0.082	4	1	1	4
PL.13544	PL.13349	A	#4 ACSR	7.29Y	121.4	0.00	3.55	1.26	1	9	3	95	0.00	0.0	8.580	0.042	6	2	1	3
PL.13545	PL.13544	A	#4 ACSR	7.29Y	121.4	0.00	3.55	0.42	0	3	1	95	0.00	0.0	8.607	0.027	1	0	1	2
PL.13350	PL.13545	A	#4 ACSR	7.29Y	121.4	0.00	3.55	0.30	0	2	1	89	0.00	0.0	8.645	0.038	2	1	1	1
PL.13351	PL.13350	A	#4 ACSR	7.29Y	121.4	0.00	3.55	0.00	0	0	0	100	0.00	0.0	8.707	0.061	0	0	0	0
PL.13352	PL.13351	A	#4 ACSR	7.29Y	121.4	0.00	3.55	0.00	0	0	0	100	0.00	0.0	8.790	0.083	0	0	0	0
PL.13343	PL.13341	A	#4 ACSR	7.29Y	121.5	0.00	3.50	0.00	0	0	0	100	0.00	0.0	8.178	0.162	0	0	0	0

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13442	PL.13343	A	#4 ACSR	7.29Y	121.5	0.00	3.50	0.00	0	0	0	100	0.00	0.0	8.286	0.109	0	0	0	0
PL.13336	PL.13441	A	#2 ACSR	7.30Y	121.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	7.568	0.044	0	0	1	1
PL.13538	PD.2227	A	#2 ACSR	7.30Y	121.7	0.00	3.33	2.43	1	17	5	96	0.00	0.0	7.135	0.030	14	4	1	3
PL.13539	PL.13538	A	#2 ACSR	7.30Y	121.7	0.00	3.33	0.45	0	3	1	95	0.00	0.0	7.168	0.033	0	0	0	2
PL.13330	PL.13539	A	#2 ACSR	7.30Y	121.7	0.00	3.33	0.45	0	3	1	95	0.00	0.0	7.274	0.106	0	0	0	2
PL.13331	PL.13330	A	#2 ACSR	7.30Y	121.7	0.00	3.34	0.45	0	3	1	95	0.00	0.0	7.453	0.179	0	0	0	2
PL.13332	PL.13331	A	#2 ACSR	7.30Y	121.7	0.00	3.34	0.45	0	3	1	95	0.00	0.0	7.521	0.067	0	0	0	2
PL.13333	PL.13332	A	#2 ACSR	7.30Y	121.7	0.00	3.34	0.45	0	3	1	95	0.00	0.0	7.549	0.029	3	1	2	2
PL.13522	PL.13521	ABC	#1/0 ACSR	7.30Y	121.7	0.00	3.32	3.67	2	77	23	96	0.00	0.0	7.091	0.046	0	0	0	29
PL.13353	PL.13522	ABC	#1/0 ACSR	7.30Y	121.7	0.00	3.32	3.67	2	77	23	96	0.00	0.0	7.161	0.070	4	1	3	29
PL.13731	PL.13353	ABC	#1/0 ACSR	7.30Y	121.7	0.00	3.33	3.06	1	64	19	96	0.00	0.0	7.207	0.046	0	0	0	24
PD.2279	PL.13731	ABC	35H	7.30Y	121.7	0.00	3.33	3.06	9	64	19	96	0.00	0.0	7.207	0.046	0	0	0	24
PL.13732	PD.2279	ABC	#1/0 ACSR	7.30Y	121.7	0.00	3.33	3.06	1	64	19	96	0.00	0.0	7.251	0.043	0	0	0	24
PL.13699	PL.13732	A	#2 ACSR	7.30Y	121.7	0.00	3.33	2.63	2	18	5	96	0.00	0.0	7.255	0.005	0	0	0	4
PD.2263	PL.13699	A	10T	7.30Y	121.7	0.00	3.33	2.63	0	18	5	96	0.00	0.0	7.255	0.005	0	0	0	4
PL.13700	PD.2263	A	#2 ACSR	7.30Y	121.7	0.01	3.34	2.63	2	18	5	96	0.00	0.0	7.337	0.082	5	1	1	4
PL.13356	PL.13700	A	#2 ACSR	7.30Y	121.7	0.00	3.34	1.94	1	14	4	96	0.00	0.0	7.366	0.029	0	0	0	3
PL.13357	PL.13356	A	#2 ACSR	7.30Y	121.7	0.01	3.34	1.94	1	14	4	96	0.00	0.0	7.463	0.097	0	0	0	3
PL.13358	PL.13357	A	#2 ACSR	7.30Y	121.7	0.00	3.35	1.94	1	14	4	96	0.00	0.0	7.525	0.062	0	0	0	3
PL.13359	PL.13358	A	#2 ACSR	7.30Y	121.6	0.01	3.35	1.94	1	14	4	96	0.00	0.0	7.619	0.094	0	0	0	3
PL.13360	PL.13359	A	#2 ACSR	7.30Y	121.6	0.00	3.36	1.94	1	14	4	96	0.00	0.0	7.699	0.080	14	4	3	3
PL.13354	PL.13732	ABC	6 A (CWC)	7.30Y	121.7	0.00	3.33	2.18	2	46	13	96	0.00	0.0	7.291	0.040	0	0	0	20
PL.13355	PL.13354	ABC	6 A (CWC)	7.30Y	121.7	0.00	3.34	2.18	2	46	13	96	0.00	0.0	7.322	0.032	0	0	0	20
PL.13361	PL.13355	ABC	6 A (CWC)	7.30Y	121.7	0.01	3.34	2.18	2	46	13	96	0.00	0.0	7.420	0.098	0	0	1	20
PL.13362	PL.13361	ABC	6 A (CWC)	7.30Y	121.6	0.01	3.36	2.18	2	46	13	96	0.01	0.0	7.585	0.165	0	0	0	19
PL.13363	PL.13362	ABC	6 A (CWC)	7.30Y	121.6	0.01	3.36	2.18	2	46	13	96	0.00	0.0	7.657	0.072	0	0	0	19
PL.13695	PL.13363	C	6 A (CWC)	7.30Y	121.6	0.00	3.36	1.49	1	10	3	96	0.00	0.0	7.662	0.005	0	0	0	3
PD.2261	PL.13695	C	10T	7.30Y	121.6	0.00	3.36	1.49	0	10	3	96	0.00	0.0	7.662	0.005	0	0	0	3
PL.13696	PD.2261	C	6 A (CWC)	7.30Y	121.6	0.00	3.37	1.49	1	10	3	96	0.00	0.0	7.724	0.063	10	3	3	3
PL.13364	PL.13363	ABC	6 A (CWC)	7.30Y	121.6	0.00	3.37	1.68	1	35	10	96	0.00	0.0	7.727	0.070	0	0	0	16
PL.13365	PL.13364	ABC	6 A (CWC)	7.30Y	121.6	0.01	3.38	1.68	1	35	10	96	0.00	0.0	7.840	0.112	0	0	0	16

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13717	PL.13365	C	#4 ACSR	7.30Y	121.6	0.00	3.38	0.00	0	0	0	100	0.00	0.0	7.844	0.005	0	0	0	0
PD.2272	PL.13717	C	10T	7.30Y	121.6	0.00	3.38	0.00	0	0	0	100	0.00	0.0	7.844	0.005	0	0	0	0
PL.13718	PD.2272	C	#4 ACSR	7.30Y	121.6	0.00	3.38	0.00	0	0	0	100	0.00	0.0	7.889	0.044	0	0	0	0
PL.13697	PL.13365	A	6 A (CWC)	7.30Y	121.6	0.00	3.38	0.00	0	0	0	100	0.00	0.0	7.844	0.005	0	0	0	1
PD.2262	PL.13697	A	10T	7.30Y	121.6	0.00	3.38	0.00	0	0	0	100	0.00	0.0	7.844	0.005	0	0	0	1
PL.13698	PD.2262	A	6 A (CWC)	7.30Y	121.6	0.00	3.38	0.00	0	0	0	100	0.00	0.0	7.891	0.046	0	0	1	1
PL.13367	PL.13365	ABC	6 A (CWC)	7.30Y	121.6	0.01	3.38	1.68	1	35	10	96	0.00	0.0	7.960	0.120	4	1	2	15
PL.13519	PL.13367	ABC	6 A (CWC)	7.30Y	121.6	0.00	3.39	1.50	1	31	9	96	0.00	0.0	8.021	0.061	0	0	1	13
PL.13536	PL.13519	ABC	6 A (CWC)	7.30Y	121.6	0.00	3.39	1.30	1	27	8	96	0.00	0.0	8.101	0.080	8	2	5	11
PL.13537	PL.13536	ABC	6 A (CWC)	7.30Y	121.6	0.00	3.39	0.92	1	19	6	95	0.00	0.0	8.202	0.102	11	3	2	6
PL.13368	PL.13537	ABC	6 A (CWC)	7.30Y	121.6	0.00	3.40	0.37	0	8	2	97	0.00	0.0	8.303	0.101	0	0	0	4
PL.13630	PL.13368	ABC	6 A (CWC)	7.30Y	121.6	0.00	3.40	0.37	0	8	2	97	0.00	0.0	8.387	0.084	0	0	0	4
PL.13629	PL.13630	ABC	6 A (CWC)	7.30Y	121.6	0.00	3.40	0.37	0	8	2	97	0.00	0.0	8.478	0.091	1	0	1	4
PL.13369	PL.13629	ABC	6 A (CWC)	7.30Y	121.6	0.00	3.40	0.31	0	7	2	96	0.00	0.0	8.570	0.091	0	0	0	3
PL.13370	PL.13369	ABC	6 A (CWC)	7.30Y	121.6	0.00	3.40	0.31	0	7	2	96	0.00	0.0	8.673	0.103	0	0	2	3
PL.13371	PL.13370	ABC	#1/0 ACSR	7.30Y	121.6	0.00	3.40	0.29	0	6	2	95	0.00	0.0	8.700	0.028	0	0	0	1
PL.13372	PL.13371	ABC	#1/0 ACSR	7.30Y	121.6	0.00	3.40	0.29	0	6	2	95	0.00	0.0	8.790	0.090	0	0	0	1
PL.13443	PL.13372	ABC	#1/0 ACSR	7.30Y	121.6	0.00	3.40	0.29	0	6	2	95	0.00	0.0	8.899	0.109	0	0	0	1
PL.13374	PL.13443	ABC	#1/0 ACSR	7.30Y	121.6	0.00	3.40	0.29	0	6	2	95	0.00	0.0	8.940	0.041	0	0	0	1
PL.13375	PL.13374	ABC	#1/0 ACSR	7.30Y	121.6	0.00	3.40	0.29	0	6	2	95	0.00	0.0	8.989	0.049	0	0	0	1
PL.13373	PL.13375	ABC	#1/0 ACSR	7.30Y	121.6	0.00	3.40	0.29	0	6	2	95	0.00	0.0	9.005	0.017	6	2	1	1
PL.13713	PL.13519	C	#4 ACSR	7.30Y	121.6	0.00	3.39	0.60	0	4	1	97	0.00	0.0	8.026	0.005	0	0	0	1
PD.2270	PL.13713	C	10T	7.30Y	121.6	0.00	3.39	0.60	0	4	1	97	0.00	0.0	8.026	0.005	0	0	0	1
PL.13714	PD.2270	C	#4 ACSR	7.30Y	121.6	0.00	3.39	0.60	0	4	1	97	0.00	0.0	8.061	0.035	4	1	1	1
PL.13715	PL.13353	A	#2 ACSR	7.30Y	121.7	0.00	3.32	1.26	1	9	3	95	0.00	0.0	7.166	0.005	0	0	0	2
PD.2271	PL.13715	A	20T	7.30Y	121.7	0.00	3.32	1.26	0	9	3	95	0.00	0.0	7.166	0.005	0	0	0	2
PL.13716	PD.2271	A	#2 ACSR	7.30Y	121.7	0.00	3.33	1.26	1	9	3	95	0.00	0.0	7.179	0.013	9	3	2	2
PL.13709	PL.13190	C	6 A (CWC)	7.30Y	121.7	0.00	3.29	0.96	1	7	2	96	0.00	0.0	6.832	0.005	0	0	0	1
PD.2268	PL.13709	C	20T	7.30Y	121.7	0.00	3.29	0.96	0	7	2	96	0.00	0.0	6.832	0.005	0	0	0	1
PL.13710	PD.2268	C	6 A (CWC)	7.30Y	121.7	0.00	3.29	0.96	1	7	2	96	0.00	0.0	6.871	0.039	7	2	1	1
PL.13631	PL.13189	A	#1/0 ACSR	7.30Y	121.7	0.00	3.28	1.11	0	8	2	97	0.00	0.0	6.767	0.005	0	0	0	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.2228	PL.13631	A	20T	7.30Y	121.7	0.00	3.28	1.11	0	8	2	97	0.00	0.0	6.767	0.005	0	0	0	1
PL.13632	PD.2228	A	#1/0 ACSR	7.30Y	121.7	0.00	3.28	1.11	0	8	2	97	0.00	0.0	6.805	0.038	8	2	1	1
PL.13633	PL.13186	A	#1/0 ACSR	7.30Y	121.7	0.00	3.26	0.89	0	6	2	95	0.00	0.0	6.569	0.005	0	0	0	2
PD.2229	PL.13633	A	20T	7.30Y	121.7	0.00	3.26	0.89	0	6	2	95	0.00	0.0	6.569	0.005	0	0	0	2
PL.13634	PD.2229	A	#1/0 ACSR	7.30Y	121.7	0.00	3.26	0.89	0	6	2	95	0.00	0.0	6.577	0.009	6	2	2	2
PL.13639	PL.13140	A	6 A (CWC)	7.31Y	121.9	0.00	3.11	9.63	7	68	20	96	0.00	0.0	5.601	0.005	0	0	0	16
PD.2232	PL.13639	A	15T	7.31Y	121.9	0.00	3.11	9.63	0	68	20	96	0.00	0.0	5.601	0.005	0	0	0	16
PL.13640	PD.2232	A	6 A (CWC)	7.31Y	121.9	0.03	3.14	9.63	7	68	20	96	0.02	0.0	5.678	0.077	0	0	0	16
PL.13142	PL.13640	A	6 A (CWC)	7.31Y	121.8	0.03	3.17	9.63	7	68	20	96	0.01	0.0	5.737	0.059	0	0	0	16
PL.13143	PL.13142	A	6 A (CWC)	7.31Y	121.8	0.07	3.24	9.63	7	68	20	96	0.03	0.1	5.893	0.156	2	0	1	16
PL.13144	PL.13143	A	6 A (CWC)	7.30Y	121.7	0.04	3.28	9.39	7	66	19	96	0.02	0.0	5.985	0.092	0	0	0	15
PL.13145	PL.13144	A	6 A (CWC)	7.30Y	121.7	0.02	3.30	9.39	7	66	19	96	0.01	0.0	6.028	0.043	0	0	0	15
PL.13542	PL.13145	A	6 A (CWC)	7.30Y	121.7	0.01	3.31	9.39	7	66	19	96	0.01	0.0	6.057	0.030	4	1	2	15
PL.13543	PL.13542	A	6 A (CWC)	7.30Y	121.6	0.05	3.36	8.87	6	62	18	96	0.02	0.0	6.175	0.117	0	0	0	13
PL.13517	PL.13543	A	6 A (CWC)	7.30Y	121.6	0.01	3.37	8.87	6	62	18	96	0.00	0.0	6.198	0.023	10	3	1	13
PL.13518	PL.13517	A	6 A (CWC)	7.30Y	121.6	0.02	3.39	4.52	3	32	9	96	0.00	0.0	6.309	0.111	4	1	1	7
PL.13148	PL.13518	A	#4 ACSR	7.30Y	121.6	0.00	3.39	0.91	1	6	2	95	0.00	0.0	6.357	0.048	6	2	1	1
PL.13149	PL.13518	A	6 A (CWC)	7.30Y	121.6	0.01	3.40	3.01	2	21	6	96	0.00	0.0	6.411	0.102	0	0	0	5
PL.13150	PL.13149	A	6 A (CWC)	7.30Y	121.6	0.01	3.41	3.01	2	21	6	96	0.00	0.0	6.495	0.085	1	0	1	5
PL.13151	PL.13150	A	#4 ACSR	7.29Y	121.6	0.01	3.42	2.88	2	20	6	96	0.00	0.0	6.546	0.051	0	0	0	4
PL.13152	PL.13151	A	#4 ACSR	7.29Y	121.6	0.01	3.43	2.88	2	20	6	96	0.00	0.0	6.660	0.113	2	1	1	4
PL.13153	PL.13152	A	#2 ACSR	7.29Y	121.6	0.01	3.44	2.54	1	18	5	96	0.00	0.0	6.754	0.095	0	0	0	3
PL.13154	PL.13153	A	#4 ACSR	7.29Y	121.6	0.01	3.45	2.54	2	18	5	96	0.00	0.0	6.819	0.065	8	2	1	3
PL.13155	PL.13154	A	#4 ACSR	7.29Y	121.5	0.00	3.45	1.33	1	9	3	95	0.00	0.0	6.888	0.069	0	0	0	2
PL.13156	PL.13155	A	#4 ACSR	7.29Y	121.5	0.00	3.45	1.33	1	9	3	95	0.00	0.0	6.961	0.073	0	0	0	2
PL.13158	PL.13156	A	#4 ACSR	7.29Y	121.5	0.01	3.46	0.73	1	5	1	98	0.00	0.0	7.139	0.178	0	0	0	1
PL.13159	PL.13158	A	#4 ACSR	7.29Y	121.5	0.00	3.46	0.73	1	5	1	98	0.00	0.0	7.266	0.127	0	0	0	1
PL.13160	PL.13159	A	#4 ACSR	7.29Y	121.5	0.00	3.47	0.73	1	5	1	98	0.00	0.0	7.316	0.050	0	0	0	1
PL.13161	PL.13160	A	#4 ACSR	7.29Y	121.5	0.00	3.47	0.73	1	5	1	98	0.00	0.0	7.398	0.081	0	0	0	1
PL.13162	PL.13161	A	#4 ACSR	7.29Y	121.5	0.00	3.47	0.73	1	5	1	98	0.00	0.0	7.428	0.030	5	1	1	1
PL.13157	PL.13156	A	#1/0 ACSR	7.29Y	121.5	0.00	3.46	0.60	0	4	1	97	0.00	0.0	7.006	0.045	4	1	1	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13146	PL.13517	A	6 A (CWC)	7.30Y	121.6	0.01	3.37	2.91	2	20	6	96	0.00	0.0	6.294	0.096	20	6	4	5
PL.13147	PL.13146	A	6 A (CWC)	7.30Y	121.6	0.00	3.37	0.00	0	0	0	100	0.00	0.0	6.377	0.083	0	0	1	1
PL.13705	PL.13116	C	#1/0 ACSR	7.33Y	122.1	0.00	2.91	0.32	0	2	1	89	0.00	0.0	4.793	0.005	0	0	0	1
PD.2266	PL.13705	C	20T	7.33Y	122.1	0.00	2.91	0.32	0	2	1	89	0.00	0.0	4.793	0.005	0	0	0	1
PL.13706	PD.2266	C	#1/0 ACSR	7.33Y	122.1	0.00	2.91	0.32	0	2	1	89	0.00	0.0	4.837	0.045	0	0	0	1
PL.13117	PL.13706	C	#1/0 ACSR	7.33Y	122.1	0.00	2.91	0.32	0	2	1	89	0.00	0.0	4.903	0.066	2	1	1	1
PL.13643	PL.13116	A	#1/0 ACSR	7.33Y	122.1	0.00	2.91	3.20	1	23	7	96	0.00	0.0	4.792	0.005	0	0	0	6
PD.2234	PL.13643	A	20T	7.33Y	122.1	0.00	2.91	3.20	0	23	7	96	0.00	0.0	4.792	0.005	0	0	0	6
PL.13644	PD.2234	A	#1/0 ACSR	7.32Y	122.1	0.00	2.92	3.20	1	23	7	96	0.00	0.0	4.854	0.061	0	0	0	6
PL.13119	PL.13644	A	6 A (CWC)	7.32Y	122.1	0.00	2.92	3.20	2	23	7	96	0.00	0.0	4.879	0.026	0	0	0	6
PL.13120	PL.13119	A	6 A (CWC)	7.32Y	122.1	0.01	2.93	3.20	2	23	7	96	0.00	0.0	4.937	0.058	8	2	1	6
PL.13121	PL.13120	A	6 A (CWC)	7.32Y	122.1	0.01	2.94	2.09	1	15	4	97	0.00	0.0	5.022	0.085	0	0	0	5
PL.13122	PL.13121	A	#2 ACSR	7.32Y	122.1	0.00	2.94	0.72	0	5	1	98	0.00	0.0	5.042	0.020	5	1	2	2
PL.13123	PL.13121	A	6 A (CWC)	7.32Y	122.1	0.00	2.94	1.37	1	10	3	96	0.00	0.0	5.067	0.045	6	2	1	3
PL.13124	PL.13123	A	#4 ACSR	7.32Y	122.1	0.00	2.94	0.47	0	3	1	95	0.00	0.0	5.087	0.021	2	1	1	2
PL.13125	PL.13124	A	#2 ACSR	7.32Y	122.1	0.00	2.94	0.15	0	1	0	100	0.00	0.0	5.141	0.054	1	0	1	1
PL.13645	PL.13103	B	#1/0 ACSR	7.33Y	122.1	0.00	2.87	0.23	0	2	0	100	0.00	0.0	4.652	0.004	0	0	0	1
PD.2235	PL.13645	B	20T	7.33Y	122.1	0.00	2.87	0.23	0	2	0	100	0.00	0.0	4.652	0.004	0	0	0	1
PL.13646	PD.2235	B	#1/0 ACSR	7.33Y	122.1	0.00	2.87	0.23	0	2	0	100	0.00	0.0	4.678	0.026	2	0	1	1
PL.13652	PL.13094	C	#2 ACSR	7.34Y	122.3	0.00	2.69	0.69	0	5	1	98	0.00	0.0	4.116	0.005	0	0	0	1
PD.2238	PL.13652	C	20T	7.34Y	122.3	0.00	2.69	0.69	0	5	1	98	0.00	0.0	4.116	0.005	0	0	0	1
PL.13651	PD.2238	C	#2 ACSR	7.34Y	122.3	0.00	2.69	0.69	0	5	1	98	0.00	0.0	4.147	0.031	5	1	1	1
PL.13049	PL.13045	ABC	#1/0 ACSR	7.37Y	122.9	0.02	2.15	18.55	8	393	118	96	0.07	0.0	2.634	0.073	0	0	0	125
PL.13378	PL.13049	ABC	#1/0 ACSR	7.37Y	122.8	0.05	2.19	18.55	8	393	118	96	0.12	0.0	2.770	0.136	0	0	0	125
PL.13556	PL.13378	ABC	#1/0 ACSR	7.37Y	122.8	0.02	2.22	18.55	8	393	118	96	0.07	0.0	2.843	0.073	1	0	1	125
PL.13557	PL.13556	ABC	#1/0 ACSR	7.37Y	122.8	0.02	2.24	18.50	8	392	117	96	0.06	0.0	2.905	0.062	0	0	0	124
PL.13379	PL.13557	ABC	#1/0 ACSR	7.36Y	122.7	0.05	2.29	18.50	8	392	117	96	0.14	0.0	3.058	0.153	0	0	0	124
PL.13380	PL.13379	ABC	#1/0 ACSR	7.36Y	122.7	0.03	2.32	18.50	8	391	117	96	0.09	0.0	3.152	0.093	0	0	0	124
PL.13381	PL.13380	ABC	#1/0 ACSR	7.36Y	122.6	0.05	2.38	18.50	8	391	117	96	0.14	0.0	3.309	0.158	12	3	1	124
PL.13663	PL.13381	A	#2 ACSR	7.36Y	122.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	3.314	0.005	0	0	0	0
PD.2244	PL.13663	A	50T	7.36Y	122.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	3.314	0.005	0	0	0	0

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13664	PD.2244	A	#2 ACSR	7.36Y	122.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	3.382	0.068	0	0	0	0
PL.13382	PL.13381	ABC	#1/0 ACSR	7.36Y	122.6	0.02	2.39	17.95	8	379	114	96	0.04	0.0	3.356	0.046	0	0	1	123
PL.13383	PL.13382	ABC	#1/0 ACSR	7.36Y	122.6	0.01	2.40	17.94	8	379	114	96	0.03	0.0	3.395	0.039	6	2	1	122
PL.13384	PL.13383	ABC	#1/0 ACSR	7.35Y	122.6	0.02	2.43	17.67	8	374	112	96	0.06	0.0	3.471	0.076	0	0	0	121
PL.13385	PL.13384	ABC	#1/0 ACSR	7.35Y	122.5	0.06	2.48	17.67	8	373	112	96	0.15	0.0	3.647	0.175	0	0	0	121
PL.13560	PL.13385	ABC	#1/0 ACSR	7.35Y	122.5	0.02	2.50	17.67	8	373	112	96	0.05	0.0	3.704	0.057	1	0	1	121
PL.13561	PL.13560	ABC	#1/0 ACSR	7.35Y	122.5	0.03	2.53	17.61	8	372	111	96	0.07	0.0	3.791	0.088	6	2	3	120
PL.13386	PL.13561	ABC	#1/0 ACSR	7.35Y	122.5	0.02	2.55	17.33	8	366	109	96	0.04	0.0	3.848	0.056	9	3	1	117
PL.13558	PL.13386	ABC	#1/0 ACSR	7.35Y	122.4	0.02	2.57	16.89	7	357	107	96	0.05	0.0	3.921	0.074	8	2	1	116
PL.13559	PL.13558	ABC	#1/0 ACSR	7.34Y	122.4	0.02	2.59	16.52	7	349	104	96	0.04	0.0	3.977	0.056	0	0	0	115
PL.13387	PL.13559	ABC	#1/0 ACSR	7.34Y	122.4	0.00	2.59	16.52	7	349	104	96	0.01	0.0	3.985	0.008	0	0	0	115
PL.13389	PL.13387	ABC	#1/0 ACSR	7.34Y	122.4	0.01	2.60	13.43	6	283	85	96	0.02	0.0	4.018	0.033	0	0	0	99
PL.13390	PL.13389	ABC	#1/0 ACSR	7.34Y	122.4	0.01	2.61	13.43	6	283	85	96	0.03	0.0	4.077	0.059	3	1	1	99
PL.13391	PL.13390	ABC	#1/0 ACSR	7.34Y	122.4	0.02	2.63	13.28	6	280	84	96	0.03	0.0	4.145	0.068	13	4	1	98
PL.13196	PL.13391	ABC	#1/0 ACSR	7.34Y	122.4	0.01	2.64	12.66	6	267	80	96	0.02	0.0	4.192	0.047	2	1	1	97
PL.13197	PL.13196	ABC	#1/0 ACSR	7.34Y	122.3	0.01	2.65	12.54	5	265	80	96	0.03	0.0	4.252	0.060	0	0	0	96
PL.13737	PL.13197	ABC	#1/0 ACSR	7.34Y	122.3	0.00	2.65	12.54	5	264	80	96	0.00	0.0	4.254	0.003	0	0	0	96
PD.2282	PL.13737	ABC	35L	7.34Y	122.3	0.00	2.65	12.54	36	264	80	96	0.00	0.0	4.254	0.003	0	0	0	96
PL.13738	PD.2282	ABC	#1/0 ACSR	7.34Y	122.3	0.01	2.67	12.54	5	264	80	96	0.02	0.0	4.311	0.057	2	0	1	96
PL.13562	PL.13738	ABC	#1/0 ACSR	7.34Y	122.3	0.01	2.68	12.47	5	263	79	96	0.02	0.0	4.360	0.049	0	0	0	95
PL.13667	PL.13562	C	#1/0 ACSR	7.34Y	122.3	0.00	2.68	0.88	0	6	2	95	0.00	0.0	4.365	0.005	0	0	0	1
PD.2246	PL.13667	C	15T	7.34Y	122.3	0.00	2.68	0.88	0	6	2	95	0.00	0.0	4.365	0.005	0	0	0	1
PL.13668	PD.2246	C	#1/0 ACSR	7.34Y	122.3	0.00	2.68	0.88	0	6	2	95	0.00	0.0	4.417	0.051	6	2	1	1
PL.13198	PL.13562	ABC	#1/0 ACSR	7.34Y	122.3	0.01	2.69	12.17	5	257	77	96	0.02	0.0	4.415	0.055	0	0	0	94
PL.13199	PL.13198	ABC	#1/0 ACSR	7.34Y	122.3	0.02	2.71	12.17	5	257	77	96	0.04	0.0	4.517	0.102	7	2	1	94
PL.13200	PL.13199	ABC	#1/0 ACSR	7.34Y	122.3	0.02	2.73	11.85	5	250	75	96	0.03	0.0	4.613	0.096	8	4	1	93
PL.13201	PL.13200	ABC	#1/0 ACSR	7.34Y	122.3	0.01	2.74	11.47	5	242	71	96	0.02	0.0	4.660	0.047	0	0	0	92
PL.13202	PL.13201	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.75	11.47	5	242	71	96	0.02	0.0	4.706	0.046	8	2	3	92
PL.13669	PL.13202	A	6 A (CWC)	7.33Y	122.2	0.00	2.75	1.05	1	7	2	96	0.00	0.0	4.710	0.005	0	0	0	1
PD.2247	PL.13669	A	15T	7.33Y	122.2	0.00	2.75	1.05	0	7	2	96	0.00	0.0	4.710	0.005	0	0	0	1
PL.13670	PD.2247	A	6 A (CWC)	7.33Y	122.2	0.00	2.75	1.05	1	7	2	96	0.00	0.0	4.797	0.086	7	2	1	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13203	PL.13202	ABC	#1/0 ACSR	7.33Y	122.2	0.02	2.77	10.76	5	227	67	96	0.03	0.0	4.793	0.087	0	0	0	88
PL.13204	PL.13203	ABC	#1/0 ACSR	7.33Y	122.2	0.00	2.77	10.76	5	227	67	96	0.00	0.0	4.806	0.013	0	0	0	88
PL.13205	PL.13204	ABC	#1/0 ACSR	7.33Y	122.2	0.04	2.81	10.76	5	227	67	96	0.06	0.0	4.989	0.183	0	0	0	88
PL.13206	PL.13205	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.82	10.76	5	227	67	96	0.01	0.0	5.034	0.045	0	0	0	88
PL.13563	PL.13206	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.83	10.73	5	226	67	96	0.01	0.0	5.083	0.049	2	1	1	87
PL.13564	PL.13563	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.83	10.62	5	224	66	96	0.01	0.0	5.129	0.046	0	0	0	86
PL.13429	PL.13564	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.84	9.65	4	203	60	96	0.01	0.0	5.186	0.057	0	0	0	81
PL.13420	PL.13429	ABC	#1/0 ACSR	7.33Y	122.1	0.02	2.86	9.42	4	199	59	96	0.02	0.0	5.285	0.098	0	0	0	80
PL.13210	PL.13420	ABC	#1/0 ACSR	7.33Y	122.1	0.02	2.88	9.42	4	199	59	96	0.03	0.0	5.391	0.106	0	0	0	80
PL.13454	PL.13210	ABC	#1/0 ACSR	7.33Y	122.1	0.02	2.90	9.42	4	199	59	96	0.03	0.0	5.499	0.108	0	0	0	80
PL.13455	PL.13454	ABC	#1/0 ACSR	7.32Y	122.1	0.02	2.92	9.42	4	199	59	96	0.03	0.0	5.611	0.113	0	0	0	80
PL.13456	PL.13455	ABC	#1/0 ACSR	7.32Y	122.1	0.02	2.94	9.42	4	198	58	96	0.03	0.0	5.726	0.115	0	0	0	80
PL.13685	PL.13456	C	#2 ACSR	7.32Y	122.1	0.00	2.94	2.85	2	20	6	96	0.00	0.0	5.731	0.005	0	0	0	6
PD.2255	PL.13685	C	15T	7.32Y	122.1	0.00	2.94	2.85	0	20	6	96	0.00	0.0	5.731	0.005	0	0	0	6
PL.13686	PD.2255	C	#2 ACSR	7.32Y	122.1	0.00	2.94	2.85	2	20	6	96	0.00	0.0	5.757	0.027	11	3	3	6
PL.13626	PL.13686	C	#2 ACSR	7.32Y	122.1	0.00	2.94	1.26	1	9	3	95	0.00	0.0	5.806	0.048	0	0	2	3
PL.13588	PL.13626	C	#2 ACSR	7.32Y	122.1	0.00	2.94	1.26	1	9	3	95	0.00	0.0	5.866	0.060	9	3	1	1
PL.13433	PL.13456	ABC	#1/0 ACSR	7.32Y	122.1	0.01	2.94	8.47	4	178	53	96	0.01	0.0	5.766	0.040	0	0	0	74
PL.13434	PL.13433	ABC	#1/0 ACSR	7.32Y	122.0	0.02	2.96	8.46	4	178	53	96	0.02	0.0	5.869	0.103	0	0	0	73
PL.13457	PL.13434	ABC	#1/0 ACSR	7.32Y	122.0	0.02	2.97	8.46	4	178	53	96	0.02	0.0	5.968	0.099	0	0	0	73
PL.13458	PL.13457	ABC	#1/0 ACSR	7.32Y	122.0	0.02	2.99	8.46	4	178	53	96	0.02	0.0	6.070	0.101	0	0	0	73
PL.13459	PL.13458	ABC	#1/0 ACSR	7.32Y	122.0	0.02	3.01	8.46	4	178	52	96	0.03	0.0	6.208	0.139	0	0	0	73
PL.13460	PL.13459	ABC	#1/0 ACSR	7.32Y	122.0	0.02	3.03	8.46	4	178	52	96	0.02	0.0	6.335	0.127	0	0	0	73
PL.13461	PL.13460	ABC	#1/0 ACSR	7.32Y	121.9	0.02	3.05	8.46	4	178	52	96	0.03	0.0	6.470	0.135	0	0	0	73
PL.13587	PL.13461	ABC	#1/0 ACSR	7.32Y	121.9	0.01	3.06	8.46	4	178	52	96	0.01	0.0	6.534	0.064	0	0	1	73
PL.13616	PL.13587	ABC	#1/0 ACSR	7.32Y	121.9	0.01	3.07	8.46	4	178	52	96	0.01	0.0	6.602	0.068	2	1	2	72
PL.13617	PL.13616	ABC	#1/0 ACSR	7.32Y	121.9	0.00	3.08	8.34	4	176	52	96	0.00	0.0	6.623	0.021	0	0	0	70
PL.13586	PL.13617	C	6 A (CWC)	7.31Y	121.9	0.02	3.10	9.69	7	68	20	96	0.01	0.0	6.671	0.048	0	0	1	29
PL.13735	PL.13586	C	6 A (CWC)	7.31Y	121.9	0.00	3.10	9.66	7	68	20	96	0.00	0.0	6.673	0.003	0	0	0	28
PD.2281	PL.13735	C	100CodeSMo	7.31Y	121.9	0.00	3.10	9.66	0	68	20	96	0.00	0.0	6.673	0.003	0	0	0	28
PL.13736	PD.2281	C	6 A (CWC)	7.31Y	121.8	0.06	3.16	9.66	7	68	20	96	0.03	0.0	6.812	0.139	0	0	0	28

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.12893	PL.13736	C	6 A (CWC)	7.31Y	121.8	0.05	3.21	9.66	7	68	20	96	0.03	0.0	6.928	0.116	0	0	0	28
PL.13230	PL.12893	C	6 A (CWC)	7.30Y	121.7	0.07	3.28	9.66	7	68	20	96	0.03	0.0	7.075	0.148	0	0	0	28
PL.12894	PL.13230	C	6 A (CWC)	7.30Y	121.7	0.03	3.30	9.66	7	68	20	96	0.01	0.0	7.135	0.060	0	0	0	28
PL.13681	PL.12894	C	6 A (CWC)	7.30Y	121.7	0.00	3.30	0.49	0	3	1	95	0.00	0.0	7.140	0.005	0	0	0	2
PD.2253	PL.13681	C	10T	7.30Y	121.7	0.00	3.30	0.49	0	3	1	95	0.00	0.0	7.140	0.005	0	0	0	2
PL.13682	PD.2253	C	6 A (CWC)	7.30Y	121.7	0.00	3.30	0.49	0	3	1	95	0.00	0.0	7.238	0.099	0	0	0	2
PL.13506	PL.13682	C	6 A (CWC)	7.30Y	121.7	0.00	3.31	0.49	0	3	1	95	0.00	0.0	7.355	0.116	0	0	0	2
PL.13584	PL.13506	C	6 A (CWC)	7.30Y	121.7	0.00	3.31	0.49	0	3	1	95	0.00	0.0	7.498	0.143	0	0	0	2
PL.13585	PL.13584	C	6 A (CWC)	7.30Y	121.7	0.00	3.31	0.49	0	3	1	95	0.00	0.0	7.678	0.180	0	0	0	2
PL.12895	PL.13585	C	6 A (CWC)	7.30Y	121.7	0.00	3.32	0.49	0	3	1	95	0.00	0.0	7.793	0.115	0	0	0	2
PL.12896	PL.12895	C	6 A (CWC)	7.30Y	121.7	0.00	3.32	0.49	0	3	1	95	0.00	0.0	7.900	0.107	0	0	0	2
PL.13226	PL.12896	C	6 A (CWC)	7.30Y	121.7	0.00	3.32	0.49	0	3	1	95	0.00	0.0	7.985	0.085	3	1	1	1
PL.13422	PL.12896	C	#4 ACSR	7.30Y	121.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	8.035	0.135	0	0	0	1
PL.13580	PL.13422	C	#4 ACSR	7.30Y	121.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	8.144	0.109	0	0	0	0
PL.13581	PL.13580	C	#4 ACSR	7.30Y	121.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	8.350	0.206	0	0	0	0
PL.12897	PL.13581	C	#4 ACSR	7.30Y	121.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	8.399	0.049	0	0	0	0
PL.13582	PL.13422	C	#4 ACSR	7.30Y	121.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	8.115	0.080	0	0	0	1
PL.13583	PL.13582	C	#4 ACSR	7.30Y	121.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	8.260	0.145	0	0	1	1
PL.13432	PL.12894	C	6 A (CWC)	7.30Y	121.6	0.05	3.36	9.17	7	64	19	96	0.03	0.0	7.260	0.125	0	0	0	26
PL.13482	PL.13432	C	6 A (CWC)	7.30Y	121.6	0.04	3.40	9.17	7	64	19	96	0.02	0.0	7.363	0.103	0	0	0	26
PL.13483	PL.13482	C	6 A (CWC)	7.29Y	121.6	0.05	3.44	9.17	7	64	19	96	0.02	0.0	7.469	0.107	0	0	0	26
PL.13596	PL.13483	C	6 A (CWC)	7.29Y	121.5	0.04	3.49	9.17	7	64	19	96	0.02	0.0	7.578	0.109	4	1	2	26
PL.13597	PL.13596	C	6 A (CWC)	7.29Y	121.5	0.03	3.52	8.63	6	60	18	96	0.01	0.0	7.649	0.070	0	0	0	24
PL.13484	PL.13597	C	6 A (CWC)	7.29Y	121.4	0.05	3.57	8.63	6	60	18	96	0.02	0.0	7.776	0.128	0	0	0	24
PL.13231	PL.13484	C	#4 ACSR	7.28Y	121.4	0.04	3.61	8.63	7	60	18	96	0.02	0.0	7.884	0.107	0	0	0	24
PL.13485	PL.13231	C	#4 ACSR	7.28Y	121.4	0.04	3.65	8.63	7	60	18	96	0.02	0.0	7.984	0.100	0	0	0	24
PL.13486	PL.13485	C	#4 ACSR	7.28Y	121.3	0.07	3.71	8.63	7	60	18	96	0.03	0.1	8.158	0.174	0	0	0	24
PL.13487	PL.13486	C	#4 ACSR	7.27Y	121.2	0.06	3.77	8.63	7	60	18	96	0.03	0.0	8.304	0.146	0	0	0	24
PL.13488	PL.13487	C	#4 ACSR	7.27Y	121.2	0.04	3.81	8.63	7	60	18	96	0.02	0.0	8.396	0.092	0	0	0	24
PL.13489	PL.13488	C	#4 ACSR	7.27Y	121.2	0.04	3.84	8.63	7	60	18	96	0.02	0.0	8.488	0.092	0	0	0	24
PL.13490	PL.13489	C	#4 ACSR	7.27Y	121.1	0.06	3.91	8.63	7	60	18	96	0.03	0.0	8.654	0.166	0	0	0	24

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: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13491	PL.13490	C	#4 ACSR	7.26Y	121.1	0.04	3.95	8.63	7	60	18	96	0.02	0.0	8.765	0.111	0	0	0	24
PL.13691	PL.13491	C	#4 ACSR	7.26Y	121.0	0.01	3.96	8.63	7	60	18	96	0.01	0.0	8.802	0.037	0	0	0	24
PD.2258	PL.13691	C	10T	7.26Y	121.0	0.00	3.96	8.63	0	60	18	96	0.00	0.0	8.802	0.037	0	0	0	24
PL.13692	PD.2258	C	#4 ACSR	7.26Y	121.0	0.04	4.01	8.63	7	60	18	96	0.02	0.0	8.913	0.111	0	0	0	24
PL.13492	PL.13692	C	#4 ACSR	7.26Y	121.0	0.04	4.05	8.63	7	60	18	96	0.02	0.0	9.023	0.110	0	0	0	24
PL.13493	PL.13492	C	#4 ACSR	7.25Y	120.9	0.05	4.10	8.63	7	60	18	96	0.02	0.0	9.151	0.128	0	0	0	24
PL.13624	PL.13493	C	#4 ACSR	7.25Y	120.9	0.02	4.12	8.63	7	60	18	96	0.01	0.0	9.200	0.049	0	0	0	24
PL.13625	PL.13624	C	#4 ACSR	7.25Y	120.8	0.05	4.17	8.63	7	60	18	96	0.02	0.0	9.334	0.135	0	0	0	24
PL.13494	PL.13625	C	#4 ACSR	7.25Y	120.8	0.06	4.23	8.63	7	60	18	96	0.03	0.0	9.482	0.148	0	0	0	24
PL.13495	PL.13494	C	#4 ACSR	7.24Y	120.7	0.06	4.28	8.63	7	60	18	96	0.03	0.0	9.631	0.150	0	0	0	24
PL.13578	PL.13495	C	#4 ACSR	7.24Y	120.7	0.05	4.33	8.63	7	60	18	96	0.02	0.0	9.760	0.128	2	1	1	24
PL.13579	PL.13578	C	#4 ACSR	7.24Y	120.6	0.02	4.36	8.28	6	58	17	96	0.01	0.0	9.829	0.069	3	1	2	23
PL.13577	PL.13579	C	#4 ACSR	7.24Y	120.6	0.06	4.42	7.81	6	54	16	96	0.02	0.0	9.997	0.169	0	0	0	21
PL.13496	PL.13577	C	#4 ACSR	7.23Y	120.5	0.06	4.47	7.81	6	54	16	96	0.02	0.0	10.157	0.160	0	0	0	21
PL.13497	PL.13496	C	#4 ACSR	7.23Y	120.5	0.03	4.50	7.81	6	54	16	96	0.01	0.0	10.254	0.097	0	0	0	21
PL.13533	PL.13497	C	#4 ACSR	7.23Y	120.5	0.02	4.52	7.81	6	54	16	96	0.01	0.0	10.311	0.056	6	2	1	21
PL.13575	PL.13533	C	6 A (CWC)	7.23Y	120.5	0.01	4.53	4.02	3	28	8	96	0.00	0.0	10.387	0.076	16	5	3	4
PL.13576	PL.13575	C	6 A (CWC)	7.23Y	120.5	0.01	4.54	1.71	1	12	3	97	0.00	0.0	10.566	0.179	12	3	1	1
PL.13534	PL.13533	C	#4 ACSR	7.23Y	120.5	0.02	4.54	2.89	2	20	6	96	0.00	0.0	10.456	0.146	2	1	1	16
PL.13573	PL.13534	C	#4 ACSR	7.23Y	120.4	0.01	4.55	2.44	2	17	5	96	0.00	0.0	10.562	0.106	5	2	1	14
PL.13574	PL.13573	C	#4 ACSR	7.23Y	120.4	0.01	4.56	1.69	1	12	3	97	0.00	0.0	10.717	0.155	0	0	0	13
PL.13498	PL.13574	C	#4 ACSR	7.23Y	120.4	0.01	4.57	1.69	1	12	3	97	0.00	0.0	10.851	0.134	0	0	0	13
PL.13499	PL.13498	C	#4 ACSR	7.23Y	120.4	0.01	4.58	1.69	1	12	3	97	0.00	0.0	10.972	0.121	0	0	0	13
PL.13571	PL.13499	C	#4 ACSR	7.22Y	120.4	0.00	4.59	1.69	1	12	3	97	0.00	0.0	11.034	0.063	6	2	1	13
PL.13572	PL.13571	C	#4 ACSR	7.22Y	120.4	0.00	4.59	0.87	1	6	2	95	0.00	0.0	11.147	0.113	0	0	0	12
PL.13500	PL.13572	C	#4 ACSR	7.22Y	120.4	0.00	4.59	0.87	1	6	2	95	0.00	0.0	11.201	0.054	0	0	0	12
PL.13501	PL.13500	C	#4 ACSR	7.22Y	120.4	0.01	4.60	0.87	1	6	2	95	0.00	0.0	11.349	0.148	0	0	0	12
PL.13502	PL.13501	C	#4 ACSR	7.22Y	120.4	0.01	4.60	0.87	1	6	2	95	0.00	0.0	11.482	0.133	0	0	0	12
PL.13569	PL.13502	C	#4 ACSR	7.22Y	120.4	0.01	4.61	0.87	1	6	2	95	0.00	0.0	11.644	0.162	1	0	3	12
PL.13570	PL.13569	C	#4 ACSR	7.22Y	120.4	0.00	4.61	0.68	1	5	1	98	0.00	0.0	11.779	0.135	1	0	2	9
PL.13224	PL.13570	C	#4 ACSR	7.22Y	120.4	0.00	4.61	0.04	0	0	0	100	0.00	0.0	11.891	0.111	0	0	0	3

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13504	PL.13224	C	#4 ACSR	7.22Y	120.4	0.00	4.61	0.04	0	0	0	100	0.00	0.0	11.977	0.086	0	0	0	3
PL.13567	PL.13504	C	#4 ACSR	7.22Y	120.4	0.00	4.61	0.04	0	0	0	100	0.00	0.0	12.089	0.113	0	0	1	3
PL.13568	PL.13567	C	#4 ACSR	7.22Y	120.4	0.00	4.61	0.04	0	0	0	100	0.00	0.0	12.199	0.110	0	0	1	2
PL.13232	PL.13568	C	#2 ACSR	7.22Y	120.4	0.00	4.61	0.04	0	0	0	100	0.00	0.0	12.284	0.085	0	0	0	1
PL.13507	PL.13232	C	#2 ACSR	7.22Y	120.4	0.00	4.61	0.04	0	0	0	100	0.00	0.0	12.396	0.112	0	0	0	1
PL.13505	PL.13507	C	#2 ACSR	7.22Y	120.4	0.00	4.61	0.04	0	0	0	100	0.00	0.0	12.520	0.125	0	0	1	1
PL.13535	PL.13570	C	#4 ACSR	7.22Y	120.4	0.00	4.62	0.46	0	3	1	95	0.00	0.0	11.962	0.182	0	0	0	4
PL.13503	PL.13535	C	#4 ACSR	7.22Y	120.4	0.00	4.62	0.46	0	3	1	95	0.00	0.0	12.047	0.086	3	1	4	4
PL.13225	PL.13534	C	#4 ACSR	7.23Y	120.5	0.00	4.54	0.09	0	1	0	100	0.00	0.0	10.510	0.054	1	0	1	1
PL.13212	PL.13617	B	#1/0 ACSR	7.32Y	121.9	0.00	3.08	2.31	1	16	5	95	0.00	0.0	6.627	0.005	0	0	0	4
PD.2260	PL.13212	B	15T	7.32Y	121.9	0.00	3.08	2.31	0	16	5	95	0.00	0.0	6.627	0.005	0	0	0	4
PL.13530	PD.2260	B	6 A (CWC)	7.32Y	121.9	0.00	3.08	1.12	1	8	2	97	0.00	0.0	6.632	0.005	0	0	0	3
PL.13531	PL.13530	B	6 A (CWC)	7.32Y	121.9	0.00	3.08	1.12	1	8	2	97	0.00	0.0	6.632	0.000	0	0	0	3
PL.13211	PL.13531	B	6 A (CWC)	7.32Y	121.9	0.00	3.08	1.12	1	8	2	97	0.00	0.0	6.652	0.019	8	2	3	3
PL.13421	PD.2260	B	#1/0 ACSR	7.32Y	121.9	0.00	3.08	1.19	1	8	2	97	0.00	0.0	6.662	0.034	8	2	1	1
PL.13729	PL.13617	A	6 A (CWC)	7.31Y	121.9	0.07	3.14	13.02	9	91	27	96	0.05	0.0	6.732	0.109	0	0	0	37
PD.2278	PL.13729	A	100CodeSMo	7.31Y	121.9	0.00	3.14	13.02	0	91	27	96	0.00	0.0	6.732	0.109	0	0	0	37
PL.13730	PD.2278	A	6 A (CWC)	7.31Y	121.8	0.10	3.24	13.02	9	91	27	96	0.07	0.1	6.903	0.171	5	1	1	37
PL.13623	PL.13730	A	6 A (CWC)	7.30Y	121.7	0.02	3.26	12.29	9	86	25	96	0.01	0.0	6.935	0.032	5	2	2	36
PL.13622	PL.13623	A	6 A (CWC)	7.30Y	121.7	0.05	3.31	11.50	8	81	24	96	0.03	0.0	7.030	0.095	7	2	2	34
PL.13222	PL.13622	A	#2 ACSR	7.30Y	121.7	0.00	3.31	0.00	0	0	0	100	0.00	0.0	7.096	0.066	0	0	0	0
PL.13431	PL.13222	A	#4 ACSR	7.30Y	121.7	0.00	3.31	0.00	0	0	0	100	0.00	0.0	7.149	0.053	0	0	0	0
PL.13528	PL.13622	A	6 A (CWC)	7.30Y	121.6	0.06	3.36	10.47	7	73	22	96	0.03	0.0	7.149	0.119	0	0	0	32
PL.13508	PL.13528	A	6 A (CWC)	7.30Y	121.6	0.05	3.41	10.47	7	73	22	96	0.03	0.0	7.247	0.099	0	0	0	32
PL.13620	PL.13508	A	6 A (CWC)	7.29Y	121.5	0.04	3.45	10.47	7	73	22	96	0.02	0.0	7.334	0.086	0	0	0	32
PL.13621	PL.13620	A	6 A (CWC)	7.29Y	121.5	0.04	3.49	10.47	7	73	21	96	0.02	0.0	7.413	0.079	9	3	3	32
PL.13223	PL.13621	A	#4 ACSR	7.29Y	121.5	0.00	3.49	1.09	1	8	2	97	0.00	0.0	7.455	0.042	8	2	1	1
PL.13529	PL.13621	A	6 A (CWC)	7.29Y	121.4	0.06	3.55	8.14	6	57	17	96	0.03	0.0	7.583	0.171	0	0	0	28
PL.13462	PL.13529	A	6 A (CWC)	7.28Y	121.4	0.06	3.61	8.14	6	57	17	96	0.02	0.0	7.732	0.148	0	0	0	28
PL.13221	PL.13462	A	#4 ACSR	7.28Y	121.4	0.00	3.61	0.09	0	1	0	100	0.00	0.0	7.799	0.068	1	0	1	1
PL.13423	PL.13462	A	6 A (CWC)	7.28Y	121.4	0.04	3.64	8.04	6	56	16	96	0.02	0.0	7.828	0.097	0	0	0	27

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13220	PL.13423	A	#2 ACSR	7.28Y	121.4	0.00	3.64	1.04	1	7	2	96	0.00	0.0	7.893	0.064	7	2	1	1
PL.13527	PL.13423	A	6 A (CWC)	7.28Y	121.3	0.02	3.66	7.00	5	49	14	96	0.01	0.0	7.895	0.067	8	2	1	26
PL.13618	PL.13527	A	6 A (CWC)	7.28Y	121.3	0.00	3.66	0.72	1	5	1	98	0.00	0.0	7.943	0.048	5	1	2	3
PL.13619	PL.13618	A	6 A (CWC)	7.28Y	121.3	0.00	3.66	0.00	0	0	0	100	0.00	0.0	7.985	0.042	0	0	0	1
PL.13464	PL.13619	A	6 A (CWC)	7.28Y	121.3	0.00	3.66	0.00	0	0	0	100	0.00	0.0	8.103	0.118	0	0	0	1
PL.13463	PL.13464	A	6 A (CWC)	7.28Y	121.3	0.00	3.66	0.00	0	0	0	100	0.00	0.0	8.229	0.126	0	0	1	1
PL.13213	PL.13527	A	6 A (CWC)	7.28Y	121.3	0.03	3.69	5.20	4	36	11	96	0.01	0.0	8.005	0.110	0	0	0	22
PL.13509	PL.13213	A	6 A (CWC)	7.28Y	121.3	0.02	3.71	5.20	4	36	11	96	0.01	0.0	8.095	0.090	0	0	0	22
PL.13465	PL.13509	A	6 A (CWC)	7.28Y	121.3	0.02	3.73	5.20	4	36	11	96	0.01	0.0	8.189	0.094	0	0	0	22
PL.13466	PL.13465	A	6 A (CWC)	7.27Y	121.2	0.02	3.76	5.20	4	36	11	96	0.01	0.0	8.288	0.099	0	0	0	22
PL.13591	PL.13466	A	6 A (CWC)	7.27Y	121.2	0.03	3.78	5.20	4	36	11	96	0.01	0.0	8.402	0.114	1	0	1	22
PL.13592	PL.13591	A	6 A (CWC)	7.27Y	121.2	0.03	3.81	5.08	4	35	10	96	0.01	0.0	8.517	0.115	0	0	0	21
PL.13510	PL.13592	A	6 A (CWC)	7.27Y	121.2	0.02	3.83	5.08	4	35	10	96	0.01	0.0	8.603	0.086	0	0	0	21
PL.13467	PL.13510	A	6 A (CWC)	7.27Y	121.2	0.02	3.85	5.08	4	35	10	96	0.01	0.0	8.684	0.082	0	0	0	21
PL.13511	PL.13467	A	6 A (CWC)	7.27Y	121.1	0.03	3.88	5.08	4	35	10	96	0.01	0.0	8.820	0.135	0	0	0	21
PL.13593	PL.13511	A	6 A (CWC)	7.27Y	121.1	0.02	3.90	5.08	4	35	10	96	0.01	0.0	8.904	0.085	0	0	0	21
PL.13689	PL.13593	A	6 A (CWC)	7.26Y	121.1	0.02	3.92	5.08	4	35	10	96	0.01	0.0	8.991	0.087	0	0	0	21
PD.2257	PL.13689	A	10T	7.26Y	121.1	0.00	3.92	5.08	0	35	10	96	0.00	0.0	8.991	0.087	0	0	0	21
PL.13690	PD.2257	A	6 A (CWC)	7.26Y	121.1	0.03	3.95	5.08	4	35	10	96	0.01	0.0	9.107	0.116	0	0	0	21
PL.13693	PL.13690	A	6 A (CWC)	7.26Y	121.1	0.00	3.95	1.07	1	7	2	96	0.00	0.0	9.112	0.005	0	0	0	7
PD.2259	PL.13693	A	10T	7.26Y	121.1	0.00	3.95	1.07	0	7	2	96	0.00	0.0	9.112	0.005	0	0	0	7
PL.13694	PD.2259	A	6 A (CWC)	7.26Y	121.1	0.00	3.95	1.07	1	7	2	96	0.00	0.0	9.122	0.010	0	0	0	7
PL.13233	PL.13694	A	6 A (CWC)	7.26Y	121.0	0.01	3.96	1.07	1	7	2	96	0.00	0.0	9.287	0.165	0	0	0	7
PL.13468	PL.13233	A	6 A (CWC)	7.26Y	121.0	0.01	3.96	1.07	1	7	2	96	0.00	0.0	9.426	0.139	0	0	0	7
PL.13469	PL.13468	A	6 A (CWC)	7.26Y	121.0	0.01	3.97	1.07	1	7	2	96	0.00	0.0	9.566	0.139	0	0	0	7
PL.13470	PL.13469	A	6 A (CWC)	7.26Y	121.0	0.00	3.97	1.07	1	7	2	96	0.00	0.0	9.665	0.099	0	0	0	7
PL.13512	PL.13470	A	6 A (CWC)	7.26Y	121.0	0.00	3.98	1.07	1	7	2	96	0.00	0.0	9.764	0.099	0	0	0	7
PL.13471	PL.13512	A	6 A (CWC)	7.26Y	121.0	0.01	3.99	1.07	1	7	2	96	0.00	0.0	9.895	0.131	0	0	0	7
PL.13425	PL.13471	A	6 A (CWC)	7.26Y	121.0	0.00	3.99	1.05	1	7	2	96	0.00	0.0	9.973	0.078	0	0	0	6
PL.13473	PL.13425	A	6 A (CWC)	7.26Y	121.0	0.01	4.00	1.05	1	7	2	96	0.00	0.0	10.098	0.125	0	0	0	6
PL.13472	PL.13473	A	6 A (CWC)	7.26Y	121.0	0.01	4.00	1.05	1	7	2	96	0.00	0.0	10.242	0.144	0	0	0	6

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13474	PL.13472	A	6 A (CWC)	7.26Y	121.0	0.01	4.01	1.05	1	7	2	96	0.00	0.0	10.367	0.125	0	0	0	6
PL.13594	PL.13474	A	6 A (CWC)	7.26Y	121.0	0.00	4.01	1.05	1	7	2	96	0.00	0.0	10.422	0.055	0	0	1	6
PL.13595	PL.13594	A	6 A (CWC)	7.26Y	121.0	0.01	4.02	1.05	1	7	2	96	0.00	0.0	10.585	0.163	0	0	0	5
PL.13426	PL.13595	A	6 A (CWC)	7.26Y	121.0	0.01	4.03	0.94	1	7	2	96	0.00	0.0	10.735	0.150	0	0	0	4
PL.13475	PL.13426	A	6 A (CWC)	7.26Y	121.0	0.01	4.03	0.94	1	7	2	96	0.00	0.0	10.875	0.140	0	0	0	4
PL.13227	PL.13475	A	#4 ACSR	7.26Y	121.0	0.01	4.04	0.94	1	7	2	96	0.00	0.0	11.008	0.132	0	0	0	4
PL.13476	PL.13227	A	#4 ACSR	7.26Y	121.0	0.00	4.04	0.94	1	7	2	96	0.00	0.0	11.104	0.096	0	0	0	4
PL.13513	PL.13476	A	#4 ACSR	7.26Y	121.0	0.00	4.05	0.94	1	7	2	96	0.00	0.0	11.200	0.096	0	0	0	4
PL.13477	PL.13513	A	#4 ACSR	7.26Y	120.9	0.01	4.05	0.94	1	7	2	96	0.00	0.0	11.330	0.130	0	0	0	4
PL.13479	PL.13477	A	#4 ACSR	7.26Y	120.9	0.00	4.06	0.94	1	7	2	96	0.00	0.0	11.425	0.095	0	0	0	4
PL.65829	PL.13479	A	#1/0 ACSR	7.26Y	120.9	0.00	4.06	0.52	0	4	1	97	0.00	0.0	11.475	0.050	4	1	1	1
PL.13478	PL.13479	A	#4 ACSR	7.26Y	120.9	0.00	4.06	0.43	0	3	1	95	0.00	0.0	11.544	0.119	0	0	0	3
PL.13514	PL.13478	A	#4 ACSR	7.26Y	120.9	0.00	4.06	0.43	0	3	1	95	0.00	0.0	11.615	0.072	0	0	0	3
PL.13480	PL.13514	A	#4 ACSR	7.26Y	120.9	0.00	4.06	0.43	0	3	1	95	0.00	0.0	11.790	0.175	0	0	0	3
PL.13481	PL.13480	A	#4 ACSR	7.26Y	120.9	0.00	4.07	0.43	0	3	1	95	0.00	0.0	11.967	0.178	0	0	0	3
PL.12885	PL.13481	A	#4 ACSR	7.26Y	120.9	0.00	4.07	0.43	0	3	1	95	0.00	0.0	12.095	0.128	0	0	0	3
PL.13598	PL.12885	A	#4 ACSR	7.26Y	120.9	0.00	4.07	0.43	0	3	1	95	0.00	0.0	12.244	0.149	0	0	1	3
PL.13599	PL.13598	A	#4 ACSR	7.26Y	120.9	0.00	4.07	0.42	0	3	1	95	0.00	0.0	12.300	0.056	0	0	0	2
PL.13600	PL.13599	A	#4 ACSR	7.26Y	120.9	0.00	4.07	0.42	0	3	1	95	0.00	0.0	12.347	0.047	3	1	1	2
PL.13532	PL.13600	A	#4 ACSR	7.26Y	120.9	0.00	4.07	0.00	0	0	0	100	0.00	0.0	12.453	0.106	0	0	0	0
PL.12886	PL.13532	A	#4 ACSR	7.26Y	120.9	0.00	4.07	0.00	0	0	0	100	0.00	0.0	12.538	0.085	0	0	0	0
PL.13217	PL.13600	A	#2 ACSR	7.26Y	120.9	0.00	4.07	0.02	0	0	0	100	0.00	0.0	12.420	0.073	0	0	1	1
PL.13218	PL.13595	A	#4 ACSR	7.26Y	121.0	0.00	4.02	0.11	0	1	0	100	0.00	0.0	10.627	0.042	1	0	1	1
PL.13219	PL.13471	A	#1/0 ACSR	7.26Y	121.0	0.00	3.99	0.01	0	0	0	100	0.00	0.0	9.940	0.046	0	0	1	1
PL.13424	PL.13690	A	6 A (CWC)	7.26Y	121.0	0.03	3.98	4.01	3	28	8	96	0.01	0.0	9.268	0.161	0	0	0	14
PL.13601	PL.13424	A	6 A (CWC)	7.26Y	121.0	0.02	4.00	4.01	3	28	8	96	0.00	0.0	9.367	0.099	0	0	0	14
PL.13602	PL.13601	A	6 A (CWC)	7.26Y	121.0	0.02	4.02	4.01	3	28	8	96	0.00	0.0	9.475	0.108	0	0	0	14
PL.13603	PL.13602	A	6 A (CWC)	7.26Y	121.0	0.02	4.04	4.01	3	28	8	96	0.00	0.0	9.590	0.115	0	0	0	14
PL.13604	PL.13603	A	6 A (CWC)	7.26Y	120.9	0.01	4.05	4.01	3	28	8	96	0.00	0.0	9.669	0.079	0	0	1	14
PL.13605	PL.13604	A	6 A (CWC)	7.26Y	120.9	0.01	4.07	3.95	3	28	8	96	0.00	0.0	9.750	0.080	0	0	0	13
PL.12887	PL.13605	A	6 A (CWC)	7.25Y	120.9	0.02	4.09	3.95	3	27	8	96	0.00	0.0	9.881	0.131	0	0	0	13

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: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13216	PL.12887	A	#1/0 ACSR	7.25Y	120.9	0.00	4.09	0.76	0	5	2	93	0.00	0.0	9.926	0.046	5	2	1	1
PL.13427	PL.12887	A	6 A (CWC)	7.25Y	120.9	0.02	4.11	3.19	2	22	6	96	0.00	0.0	10.005	0.124	0	0	0	12
PL.13606	PL.13427	A	6 A (CWC)	7.25Y	120.9	0.01	4.12	3.19	2	22	6	96	0.00	0.0	10.101	0.096	0	0	0	12
PL.13607	PL.13606	A	6 A (CWC)	7.25Y	120.9	0.02	4.14	3.19	2	22	6	96	0.00	0.0	10.259	0.158	0	0	0	12
PL.13627	PL.13607	A	6 A (CWC)	7.25Y	120.8	0.01	4.15	1.96	1	14	4	96	0.00	0.0	10.344	0.085	0	0	0	11
PL.13628	PL.13627	A	6 A (CWC)	7.25Y	120.8	0.01	4.16	1.96	1	14	4	96	0.00	0.0	10.458	0.114	0	0	0	11
PL.13525	PL.13628	A	6 A (CWC)	7.25Y	120.8	0.01	4.17	1.96	1	14	4	96	0.00	0.0	10.573	0.115	3	1	1	11
PL.13526	PL.13525	A	6 A (CWC)	7.25Y	120.8	0.01	4.18	1.55	1	11	3	96	0.00	0.0	10.739	0.166	0	0	0	9
PL.13608	PL.13526	A	6 A (CWC)	7.25Y	120.8	0.01	4.19	1.55	1	11	3	96	0.00	0.0	10.885	0.146	0	0	1	9
PL.13609	PL.13608	A	6 A (CWC)	7.25Y	120.8	0.00	4.20	1.55	1	11	3	96	0.00	0.0	10.947	0.062	2	1	1	8
PL.13610	PL.13609	A	6 A (CWC)	7.25Y	120.8	0.00	4.20	1.24	1	9	3	95	0.00	0.0	10.997	0.050	4	1	1	7
PL.13611	PL.13610	A	6 A (CWC)	7.25Y	120.8	0.00	4.20	0.72	1	5	1	98	0.00	0.0	11.098	0.101	0	0	0	6
PL.12889	PL.13611	A	6 A (CWC)	7.25Y	120.8	0.00	4.21	0.72	1	5	1	98	0.00	0.0	11.220	0.123	0	0	0	6
PL.13612	PL.12889	A	6 A (CWC)	7.25Y	120.8	0.01	4.21	0.72	1	5	1	98	0.00	0.0	11.388	0.168	0	0	1	6
PL.13613	PL.13612	A	6 A (CWC)	7.25Y	120.8	0.00	4.22	0.66	0	5	1	98	0.00	0.0	11.490	0.102	0	0	0	5
PL.13614	PL.13613	A	6 A (CWC)	7.25Y	120.8	0.00	4.22	0.66	0	5	1	98	0.00	0.0	11.589	0.099	0	0	1	5
PL.13615	PL.13614	A	6 A (CWC)	7.25Y	120.8	0.00	4.22	0.66	0	5	1	98	0.00	0.0	11.719	0.130	0	0	0	4
PL.12891	PL.13615	A	6 A (CWC)	7.25Y	120.8	0.00	4.22	0.66	0	5	1	98	0.00	0.0	11.798	0.079	4	1	1	4
PL.13235	PL.12891	A	#4 ACSR	7.25Y	120.8	0.00	4.22	0.11	0	1	0	100	0.00	0.0	11.887	0.089	0	0	0	3
PL.12892	PL.13235	A	#4 ACSR	7.25Y	120.8	0.00	4.23	0.11	0	1	0	100	0.00	0.0	11.996	0.109	1	0	3	3
PL.13214	PL.13525	A	6 A (CWC)	7.25Y	120.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	10.700	0.127	0	0	0	1
PL.12888	PL.13214	A	6 A (CWC)	7.25Y	120.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	10.880	0.179	0	0	1	1
PL.13215	PL.13607	A	#2 ACSR	7.25Y	120.9	0.00	4.15	1.23	1	9	2	98	0.00	0.0	10.306	0.047	9	2	1	1
PL.13683	PL.13433	A	6 A (CWC)	7.32Y	122.1	0.00	2.94	0.03	0	0	0	100	0.00	0.0	5.771	0.005	0	0	0	1
PD.2254	PL.13683	A	15T	7.32Y	122.1	0.00	2.94	0.03	0	0	0	100	0.00	0.0	5.771	0.005	0	0	0	1
PL.13684	PD.2254	A	6 A (CWC)	7.32Y	122.1	0.00	2.94	0.03	0	0	0	100	0.00	0.0	5.861	0.091	0	0	1	1
PL.13687	PL.13429	B	#2 ACSR	7.33Y	122.2	0.00	2.85	0.69	0	5	1	98	0.00	0.0	5.242	0.056	0	0	0	1
PD.2256	PL.13687	B	15T	7.33Y	122.2	0.00	2.85	0.69	0	5	1	98	0.00	0.0	5.242	0.056	0	0	0	1
PL.13688	PD.2256	B	#2 ACSR	7.33Y	122.2	0.00	2.85	0.69	0	5	1	98	0.00	0.0	5.281	0.039	0	0	0	1
PL.13589	PL.13688	B	#4 ACSR	7.33Y	122.2	0.00	2.85	0.69	1	5	1	98	0.00	0.0	5.332	0.051	0	0	0	1
PL.13590	PL.13589	B	#4 ACSR	7.33Y	122.2	0.00	2.85	0.69	1	5	1	98	0.00	0.0	5.379	0.047	5	1	1	1

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Balanced Voltage Drop Report
Source: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13671	PL.13564	A	#2 ACSR	7.33Y	122.2	0.00	2.84	2.93	2	21	6	96	0.00	0.0	5.134	0.005	0	0	0	5
PD.2248	PL.13671	A	15T	7.33Y	122.2	0.00	2.84	2.93	0	21	6	96	0.00	0.0	5.134	0.005	0	0	0	5
PL.13672	PD.2248	A	#2 ACSR	7.33Y	122.2	0.01	2.84	2.93	2	21	6	96	0.00	0.0	5.213	0.079	0	0	0	5
PL.13207	PL.13672	A	#2 ACSR	7.33Y	122.1	0.02	2.86	2.93	2	21	6	96	0.00	0.0	5.378	0.165	0	0	0	5
PL.13208	PL.13207	A	#2 ACSR	7.33Y	122.1	0.01	2.87	2.93	2	21	6	96	0.00	0.0	5.526	0.148	0	0	0	5
PL.13229	PL.13208	A	#1/0 ACSR	7.33Y	122.1	0.00	2.87	1.11	0	8	2	97	0.00	0.0	5.649	0.123	0	0	1	4
PL.13453	PL.13229	A	#1/0 ACSR	7.33Y	122.1	0.00	2.88	1.11	0	8	2	97	0.00	0.0	5.730	0.081	0	0	0	3
PL.13428	PL.13453	A	#1/0 ACSR	7.33Y	122.1	0.00	2.88	0.50	0	4	1	97	0.00	0.0	5.785	0.055	4	1	1	1
PL.13209	PL.13453	A	#1/0 ACSR	7.33Y	122.1	0.00	2.88	0.61	0	4	1	97	0.00	0.0	5.803	0.072	4	1	2	2
PL.13228	PL.13208	A	#2 ACSR	7.33Y	122.1	0.01	2.88	1.82	1	13	4	96	0.00	0.0	5.613	0.087	0	0	0	1
PL.13452	PL.13228	A	#2 ACSR	7.33Y	122.1	0.01	2.88	1.82	1	13	4	96	0.00	0.0	5.715	0.103	0	0	0	1
PL.13451	PL.13452	A	#2 ACSR	7.33Y	122.1	0.00	2.89	1.82	1	13	4	96	0.00	0.0	5.840	0.125	13	4	1	1
PL.13723	PL.13206	A	#1/0 ACSR	7.33Y	122.2	0.00	2.82	0.07	0	0	0	100	0.00	0.0	5.039	0.005	0	0	0	1
PD.2275	PL.13723	A	15T	7.33Y	122.2	0.00	2.82	0.07	0	0	0	100	0.00	0.0	5.039	0.005	0	0	0	1
PL.13724	PD.2275	A	#1/0 ACSR	7.33Y	122.2	0.00	2.82	0.07	0	0	0	100	0.00	0.0	5.046	0.007	0	0	1	1
PL.13388	PL.13387	B	6 A (CWC)	7.34Y	122.4	0.02	2.61	9.25	7	65	19	96	0.01	0.0	4.038	0.053	0	0	0	16
PL.13733	PL.13388	B	6 A (CWC)	7.34Y	122.4	0.00	2.61	9.25	7	65	19	96	0.00	0.0	4.041	0.003	0	0	0	16
PD.2280	PL.13733	B	35L	7.34Y	122.4	0.00	2.61	9.25	26	65	19	96	0.00	0.0	4.041	0.003	0	0	0	16
PL.13734	PD.2280	B	6 A (CWC)	7.34Y	122.4	0.03	2.64	9.25	7	65	19	96	0.01	0.0	4.113	0.072	0	0	1	16
PL.13392	PL.13734	B	6 A (CWC)	7.34Y	122.3	0.06	2.70	9.22	7	65	19	96	0.03	0.0	4.250	0.137	0	0	0	15
PL.13444	PL.13392	B	6 A (CWC)	7.34Y	122.3	0.04	2.74	9.22	7	65	19	96	0.02	0.0	4.336	0.086	0	0	0	15
PL.13393	PL.13444	B	6 A (CWC)	7.33Y	122.2	0.08	2.82	9.22	7	65	19	96	0.04	0.1	4.523	0.187	0	0	0	15
PL.13394	PL.13393	B	6 A (CWC)	7.33Y	122.2	0.02	2.84	9.22	7	65	19	96	0.01	0.0	4.569	0.045	0	0	0	15
PL.13396	PL.13394	B	6 A (CWC)	7.33Y	122.1	0.06	2.90	9.22	7	65	19	96	0.03	0.0	4.711	0.143	0	0	0	15
PL.13397	PL.13396	B	6 A (CWC)	7.32Y	122.1	0.05	2.95	9.22	7	65	19	96	0.02	0.0	4.829	0.118	0	0	0	15
PL.13398	PL.13397	B	6 A (CWC)	7.32Y	122.0	0.02	2.97	9.22	7	65	19	96	0.01	0.0	4.878	0.049	0	0	0	15
PL.13399	PL.13398	B	6 A (CWC)	7.32Y	122.0	0.02	2.99	9.22	7	65	19	96	0.01	0.0	4.922	0.043	2	1	1	15
PL.13400	PL.13399	B	6 A (CWC)	7.32Y	122.0	0.02	3.01	8.91	6	63	18	96	0.01	0.0	4.978	0.057	0	0	0	14
PL.13401	PL.13400	B	6 A (CWC)	7.32Y	122.0	0.00	3.01	0.26	0	2	1	89	0.00	0.0	5.071	0.093	0	0	0	1
PL.13445	PL.13401	B	6 A (CWC)	7.32Y	122.0	0.00	3.01	0.26	0	2	1	89	0.00	0.0	5.193	0.121	2	1	1	1
PL.13402	PL.13400	B	6 A (CWC)	7.32Y	122.0	0.01	3.02	8.65	6	61	18	96	0.00	0.0	4.997	0.018	6	2	2	13

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: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13405	PL.13402	B	6 A (CWC)	7.32Y	122.0	0.02	3.03	7.32	5	51	15	96	0.01	0.0	5.049	0.053	15	4	2	10
PL.13406	PL.13405	B	6 A (CWC)	7.32Y	122.0	0.01	3.04	5.20	4	37	11	96	0.00	0.0	5.083	0.034	0	0	0	8
PL.13407	PL.13406	B	6 A (CWC)	7.32Y	121.9	0.02	3.06	5.20	4	37	11	96	0.00	0.0	5.156	0.073	0	0	0	8
PL.13408	PL.13407	B	6 A (CWC)	7.32Y	121.9	0.01	3.07	5.20	4	37	11	96	0.00	0.0	5.204	0.048	0	0	0	8
PL.13665	PL.13408	B	6 A (CWC)	7.32Y	121.9	0.00	3.07	0.73	1	5	1	98	0.00	0.0	5.209	0.005	0	0	0	1
PD.2245	PL.13665	B	15T	7.32Y	121.9	0.00	3.07	0.73	0	5	1	98	0.00	0.0	5.209	0.005	0	0	0	1
PL.13666	PD.2245	B	6 A (CWC)	7.32Y	121.9	0.01	3.07	0.73	1	5	1	98	0.00	0.0	5.367	0.159	0	0	0	1
PL.13409	PL.13666	B	6 A (CWC)	7.32Y	121.9	0.00	3.08	0.73	1	5	1	98	0.00	0.0	5.437	0.070	5	1	1	1
PL.13565	PL.13408	B	6 A (CWC)	7.32Y	121.9	0.01	3.08	4.47	3	31	9	96	0.00	0.0	5.234	0.030	6	2	2	7
PL.13566	PL.13565	B	6 A (CWC)	7.32Y	121.9	0.01	3.08	3.62	3	25	7	96	0.00	0.0	5.281	0.048	7	2	1	5
PL.13410	PL.13566	B	6 A (CWC)	7.31Y	121.9	0.01	3.09	2.65	2	19	5	97	0.00	0.0	5.330	0.049	1	0	1	4
PL.13725	PL.13410	B	6 A (CWC)	7.31Y	121.9	0.00	3.09	2.57	2	18	5	96	0.00	0.0	5.335	0.005	0	0	0	3
PD.2276-A	PL.13725	B	Closed	7.31Y	121.9	0.00	3.09	2.57	0	18	5	96	0.00	0.0	5.335	0.005	0	0	0	3
PD.2276-B	PD.2276-A	B	Closed	7.31Y	121.9	0.00	3.09	2.57	0	18	5	96	0.00	0.0	5.335	0.005	0	0	0	3
PL.13726	PD.2276-B	B	6 A (CWC)	7.31Y	121.9	0.01	3.10	2.57	2	18	5	96	0.00	0.0	5.419	0.084	0	0	0	3
PL.13411	PL.13726	B	6 A (CWC)	7.31Y	121.9	0.01	3.11	2.57	2	18	5	96	0.00	0.0	5.480	0.061	0	0	0	3
PL.13412	PL.13411	B	6 A (CWC)	7.31Y	121.9	0.02	3.13	2.57	2	18	5	96	0.00	0.0	5.657	0.177	0	0	0	3
PL.65831	PL.13412	B	6 A (CWC)	7.31Y	121.9	0.01	3.13	2.57	2	18	5	96	0.00	0.0	5.710	0.053	0	0	0	3
PL.65832	PL.65831	B	6 A (CWC)	7.31Y	121.9	0.01	3.14	2.57	2	18	5	96	0.00	0.0	5.784	0.074	0	0	0	3
PL.13447	PL.65832	B	6 A (CWC)	7.31Y	121.8	0.02	3.16	2.57	2	18	5	96	0.00	0.0	5.952	0.168	0	0	0	3
PL.13448	PL.13447	B	6 A (CWC)	7.31Y	121.8	0.01	3.17	2.57	2	18	5	96	0.00	0.0	6.046	0.094	0	0	0	3
PL.13413	PL.13448	B	6 A (CWC)	7.31Y	121.8	0.01	3.18	2.57	2	18	5	96	0.00	0.0	6.143	0.097	11	3	1	3
PL.13414	PL.13413	B	6 A (CWC)	7.31Y	121.8	0.00	3.18	0.95	1	7	2	96	0.00	0.0	6.195	0.053	0	0	0	2
PL.13415	PL.13414	B	#4 ACSR	7.31Y	121.8	0.00	3.18	0.23	0	2	0	100	0.00	0.0	6.247	0.052	2	0	1	1
PL.13416	PL.13414	B	6 A (CWC)	7.31Y	121.8	0.00	3.18	0.72	1	5	1	98	0.00	0.0	6.243	0.048	0	0	0	1
PL.13417	PL.13416	B	6 A (CWC)	7.31Y	121.8	0.01	3.19	0.72	1	5	1	98	0.00	0.0	6.403	0.160	0	0	0	1
PL.13418	PL.13417	B	8 A (CWC)	7.31Y	121.8	0.01	3.20	0.72	1	5	1	98	0.00	0.0	6.554	0.151	0	0	0	1
PL.13449	PL.13418	B	8 A (CWC)	7.31Y	121.8	0.01	3.20	0.72	1	5	1	98	0.00	0.0	6.671	0.117	0	0	0	1
PL.13450	PL.13449	B	8 A (CWC)	7.31Y	121.8	0.00	3.20	0.72	1	5	1	98	0.00	0.0	6.779	0.108	5	1	1	1
PL.13419	PL.13417	B	#4 ACSR	7.31Y	121.8	0.00	3.19	0.00	0	0	0	100	0.00	0.0	6.469	0.065	0	0	0	0
PL.13195	PL.13419	B	#1/0 ACSR	7.31Y	121.8	0.00	3.19	0.00	0	0	0	100	0.00	0.0	6.554	0.085	0	0	0	0

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: South Fork

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.13661	PL.13402	B	#4 ACSR	7.32Y	122.0	0.00	3.02	0.51	0	4	1	97	0.00	0.0	5.001	0.005	0	0	0	1
PD.2243	PL.13661	B	15T	7.32Y	122.0	0.00	3.02	0.51	0	4	1	97	0.00	0.0	5.001	0.005	0	0	0	1
PL.13662	PD.2243	B	#4 ACSR	7.32Y	122.0	0.00	3.02	0.51	0	4	1	97	0.00	0.0	5.026	0.025	0	0	0	1
PL.13555	PL.13662	B	#4 ACSR	7.32Y	122.0	0.00	3.02	0.51	0	4	1	97	0.00	0.0	5.074	0.048	0	0	0	1
PL.13403	PL.13555	B	#4 ACSR	7.32Y	122.0	0.00	3.02	0.51	0	4	1	97	0.00	0.0	5.168	0.094	0	0	0	1
PL.13404	PL.13403	B	#4 ACSR	7.32Y	122.0	0.00	3.02	0.51	0	4	1	97	0.00	0.0	5.252	0.084	4	1	1	1
PL.13395	PL.13394	B	6 A (CWC)	7.33Y	122.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	4.623	0.055	0	0	0	0
PL.13046	PL.13044	C	#2 ACSR	7.38Y	122.9	0.00	2.06	0.48	0	3	1	95	0.00	0.0	2.509	0.030	3	1	1	1
PL.13041	PL.13040	A	#4 ACSR	7.38Y	123.1	0.00	1.92	0.79	1	6	2	95	0.00	0.0	2.320	0.021	6	2	1	1
PL.13704	PL.13020	A	6 A (CWC)	7.44Y	124.0	0.00	0.96	1.99	1	14	4	96	0.00	0.0	1.103	0.005	0	0	0	3
PD.2265	PL.13704	A	50T	7.44Y	124.0	0.00	0.96	1.99	0	14	4	96	0.00	0.0	1.103	0.005	0	0	0	3
PL.13703	PD.2265	A	6 A (CWC)	7.44Y	124.0	0.01	0.96	1.99	1	14	4	96	0.00	0.0	1.171	0.068	1	0	1	3
PL.13679	PL.13703	A	6 A (CWC)	7.44Y	124.0	0.00	0.96	1.82	1	13	4	96	0.00	0.0	1.175	0.005	0	0	0	2
PD.2252	PL.13679	A	30T	7.44Y	124.0	0.00	0.96	1.82	0	13	4	96	0.00	0.0	1.175	0.005	0	0	0	2
PL.13680	PD.2252	A	6 A (CWC)	7.44Y	124.0	0.00	0.96	1.82	1	13	4	96	0.00	0.0	1.213	0.038	13	4	2	2
PL.13016	PL.13015	C	#2 ACSR	7.46Y	124.4	0.00	0.65	1.23	1	9	3	95	0.00	0.0	0.752	0.015	9	3	1	1
PL.13701	PL.13012	C	#2 ACSR	7.48Y	124.6	0.00	0.41	0.91	1	7	2	96	0.00	0.0	0.472	0.004	0	0	0	1
PD.2264	PL.13701	C	50T	7.48Y	124.6	0.00	0.41	0.91	0	7	2	96	0.00	0.0	0.472	0.004	0	0	0	1
PL.13702	PD.2264	C	#2 ACSR	7.48Y	124.6	0.00	0.41	0.91	1	7	2	96	0.00	0.0	0.525	0.053	7	2	1	1

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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total
KW	3661	0	0	0	0	0	57	0.00	3718
KVAR	1168	0	0	-5	0	0	61		1224

Lowest Voltage = 120.30 on Element PL.14109
Max Accm VoltD = 4.70 on Element PL.14109
Max Elem VoltD = 0.13 on Element PL.13037