Balanced Voltage Drop Report
Source: Rice Station

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
Rice Station		ABC	SRC-Rice S	7.50Y	125.0	0.00	0.00	594.14	0	12699	4177	95	0.00	0.0	0.000	0.000	0	0	0	3074
PL.26948	Rice Station	ABC	336 MCM AC	7.50Y	125.0	0.01	0.01	242.02	47	5180	1679	95	0.30	0.0	0.006	0.006	0	0	0	1492
PL.33026	PL.26948	ABC	336 MCM AC	7.50Y	125.0	0.01	0.02	242.02	47	5180	1678	95	0.16	0.0	0.009	0.003	0	0	0	1492
---------- Feeder No. 2 (Station Camp F2) Beginning with Device PD.4870 ----------																				
PD.4870	PL.33026	ABC	380VWE	7.50Y	125.0	0.00	0.02	242.02	0	5180	1677	95	0.00	0.0	0.009	0.003	0	0	0	1492
PL.33027	PD.4870	ABC	336 MCM AC	7.50Y	125.0	0.01	0.02	242.02	47	5180	1677	95	0.14	0.0	0.012	0.003	6	1	2	1492
PL.26222	PL.33027	ABC	#1/0 ACSR	7.50Y	125.0	0.00	0.02	0.00	0	0	0	100	0.00	0.0	0.030	0.018	0	0	0	0
PL.27125	PL.33027	ABC	336 MCM AC	7.49Y	124.9	0.10	0.12	241.76	47	5174	1676	95	2.64	0.1	0.066	0.054	9	2	1	1490
PL.27126	PL.27125	ABC	336 MCM AC	7.49Y	124.8	0.12	0.24	241.37	47	5163	1667	95	3.10	0.1	0.129	0.063	0	0	0	1489
PL.27127	PL.27126	ABC	336 MCM AC	7.48Y	124.6	0.12	0.36	241.37	47	5160	1660	95	3.12	0.1	0.192	0.063	0	0	0	1489
PL.26223	PL.27127	ABC	336 MCM AC	7.46Y	124.4	0.28	0.64	241.37	47	5157	1653	95	7.24	0.1	0.340	0.148	0	0	0	1489
PL.26750	PL.26223	ABC	336 MCM AC	7.45Y	124.2	0.20	0.84	241.37	47	5149	1636	95	5.27	0.1	0.447	0.107	0	0	0	1489
PL.26749	PL.26750	ABC	336 MCM AC	7.44Y	124.1	0.09	0.93	241.37	47	5144	1624	95	2.39	0.0	0.496	0.049	0	0	0	1489
PL.26430	PL.26749	ABC	336 MCM AC	7.43Y	123.9	0.15	1.09	241.37	47	5142	1618	95	4.02	0.1	0.578	0.082	0	0	0	1489
PL.26224	PL.26430	ABC	336 MCM AC	7.42Y	123.6	0.27	1.36	241.37	47	5138	1609	95	7.13	0.1	0.723	0.145	0	0	0	1489
PL.26751	PL.26224	ABC	336 MCM AC	7.41Y	123.5	0.10	1.45	241.37	47	5131	1592	96	2.60	0.1	0.776	0.053	0	0	0	1489
PL.27544	PL.26751	C	6 A (CWC)	7.41Y	123.5	0.00	1.45	1.67	1	12	3	97	0.00	0.0	0.780	0.004	0	0	0	2
PD.3689	PL.27544	C	65T	7.41Y	123.5	0.00	1.45	1.67	0	12	3	97	0.00	0.0	0.780	0.004	0	0	0	2
PL.27545	PD.3689	C	6 A (CWC)	7.41Y	123.5	0.00	1.46	1.67	1	12	3	97	0.00	0.0	0.835	0.054	4	1	1	2
PL.26225	PL.27545	C	#4 ACSR	7.41Y	123.5	0.00	1.46	1.05	1	8	2	97	0.00	0.0	0.854	0.019	8	2	1	1
PL.26582	PL.26751	ABC	336 MCM AC	7.40Y	123.3	0.27	1.72	240.81	46	5116	1583	96	7.11	0.1	0.922	0.146	0	0	0	1487
PL.26752	PL.26582	ABC	336 MCM AC	7.39Y	123.1	0.14	1.86	240.81	46	5109	1566	96	3.61	0.1	0.996	0.074	0	0	0	1487
PL.26583	PL.26752	ABC	336 MCM AC	7.37Y	122.8	0.33	2.19	240.81	46	5105	1558	96	8.80	0.2	1.176	0.180	0	0	0	1486
PL.26755	PL.26583	ABC	336 MCM AC	7.35Y	122.6	0.24	2.43	240.81	46	5096	1537	96	6.33	0.1	1.306	0.130	0	0	0	1486
PL.26756	PL.26755	ABC	336 MCM AC	7.35Y	122.5	0.11	2.54	240.81	46	5090	1523	96	3.05	0.1	1.368	0.062	0	0	0	1486
PL.27542	PL.26756	C	#4 ACSR	7.35Y	122.5	0.00	2.55	2.36	2	17	4	97	0.00	0.0	1.373	0.005	0	0	0	6
PD.3688	PL.27542	C	65T	7.35Y	122.5	0.00	2.55	2.36	0	17	4	97	0.00	0.0	1.373	0.005	0	0	0	6
PL.27543	PD.3688	C	#4 ACSR	7.35Y	122.5	0.00	2.55	2.36	2	17	4	97	0.00	0.0	1.419	0.047	4	1	1	6
PL.26855	PL.27543	C	#4 ACSR	7.35Y	122.4	0.00	2.55	1.83	1	13	3	97	0.00	0.0	1.457	0.038	1	0	1	5
PL.26854	PL.26855	C	#4 ACSR	7.35Y	122.4	0.01	2.56	1.74	1	12	3	97	0.00	0.0	1.616	0.158	0	0	0	4

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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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.27128	PL.26854	C	#4 ACSR	7.35Y	122.4	0.01	2.57	1.74	1	12	3	97	0.00	0.0	1.718	0.102	0	0	1	4
PL.27129	PL.27128	C	#4 ACSR	7.35Y	122.4	0.00	2.58	1.74	1	12	3	97	0.00	0.0	1.764	0.046	0	0	0	3
PL.26252	PL.27129	C	#4 ACSR	7.35Y	122.4	0.00	2.58	1.34	1	10	2	98	0.00	0.0	1.875	0.111	10	2	2	2
PL.26585	PL.27129	C	#4 ACSR	7.35Y	122.4	0.00	2.58	0.40	0	3	1	95	0.00	0.0	1.832	0.068	3	1	1	1
PL.26584	PL.26756	ABC	336 MCM AC	7.34Y	122.3	0.17	2.71	232.29	45	4905	1469	96	4.29	0.1	1.463	0.094	0	0	0	1452
PL.27540	PL.26584	C	#4 ACSR	7.34Y	122.3	0.00	2.71	0.81	1	6	1	99	0.00	0.0	1.467	0.005	0	0	0	2
PD.3687	PL.27540	C	40T	7.34Y	122.3	0.00	2.71	0.81	0	6	1	99	0.00	0.0	1.467	0.005	0	0	0	2
PL.27541	PD.3687	C	#4 ACSR	7.34Y	122.3	0.00	2.71	0.81	1	6	1	99	0.00	0.0	1.508	0.041	6	1	2	2
PL.26591	PL.26584	ABC	336 MCM AC	7.33Y	122.1	0.14	2.85	232.02	45	4895	1458	96	3.64	0.1	1.543	0.080	0	0	0	1450
PL.27576	PL.26591	C	#4 ACSR	7.33Y	122.1	0.00	2.85	1.20	1	9	2	98	0.00	0.0	1.547	0.005	0	0	0	1
PD.3706	PL.27576	C	65T	7.33Y	122.1	0.00	2.85	1.20	0	9	2	98	0.00	0.0	1.547	0.005	0	0	0	1
PL.27577	PD.3706	C	#4 ACSR	7.33Y	122.1	0.00	2.85	1.20	1	9	2	98	0.00	0.0	1.579	0.031	9	2	1	1
PL.26592	PL.26591	ABC	336 MCM AC	7.32Y	122.0	0.13	2.99	231.62	45	4882	1447	96	3.39	0.1	1.618	0.075	10	2	2	1449
PL.26593	PL.26592	ABC	336 MCM AC	7.32Y	122.0	0.05	3.03	231.06	45	4867	1436	96	1.27	0.0	1.646	0.028	0	0	0	1446
PL.26743	PL.26593	ABC	336 MCM AC	7.31Y	121.8	0.17	3.20	231.06	45	4866	1433	96	4.34	0.1	1.743	0.097	0	0	0	1446
PL.27512	PL.26743	C	6 A (CWC)	7.31Y	121.8	0.00	3.20	0.24	0	2	0	100	0.00	0.0	1.747	0.004	0	0	0	1
PD.3674	PL.27512	C	15T	7.31Y	121.8	0.00	3.20	0.24	0	2	0	100	0.00	0.0	1.747	0.004	0	0	0	1
PL.27513	PD.3674	C	6 A (CWC)	7.31Y	121.8	0.00	3.20	0.24	0	2	0	100	0.00	0.0	1.815	0.069	2	0	1	1
PL.27460	PL.26743	A	6 A (CWC)	7.31Y	121.8	0.00	3.20	0.00	0	0	0	100	0.00	0.0	1.747	0.004	0	0	0	0
PD.3647	PL.27460	A	40T	7.31Y	121.8	0.00	3.20	0.00	0	0	0	100	0.00	0.0	1.747	0.004	0	0	0	0
PL.27461	PD.3647	A	6 A (CWC)	7.31Y	121.8	0.00	3.20	0.00	0	0	0	100	0.00	0.0	1.850	0.103	0	0	0	0
PL.27091	PL.26743	ABC	336 MCM AC	7.30Y	121.7	0.14	3.35	230.98	45	4860	1423	96	3.66	0.1	1.824	0.082	6	2	1	1445
PL.27092	PL.27091	ABC	336 MCM AC	7.30Y	121.6	0.07	3.41	230.69	44	4850	1413	96	1.69	0.0	1.862	0.038	2	0	2	1444
PL.27510	PL.27092	C	6 A (CWC)	7.30Y	121.6	0.00	3.41	14.14	10	100	25	97	0.00	0.0	1.866	0.004	0	0	0	26
PD.3673	PL.27510	C	65T	7.30Y	121.6	0.00	3.41	14.14	0	100	25	97	0.00	0.0	1.866	0.004	0	0	0	26
PL.27511	PD.3673	C	6 A (CWC)	7.29Y	121.6	0.01	3.43	14.14	10	100	25	97	0.01	0.0	1.886	0.020	0	0	0	26
PL.26234	PL.27511	C	#1/0 ACSR	7.29Y	121.6	0.00	3.43	1.53	1	11	3	96	0.00	0.0	1.916	0.030	11	3	3	3
PL.26945	PL.27511	C	6 A (CWC)	7.29Y	121.5	0.05	3.48	12.61	9	89	22	97	0.04	0.0	1.976	0.091	0	0	0	23
PL.27840	PL.26945	C	6 A (CWC)	7.29Y	121.5	0.00	3.48	12.61	9	89	22	97	0.00	0.0	1.979	0.003	0	0	0	23
PD.3840	PL.27840	C	35L	7.29Y	121.5	0.00	3.48	12.61	36	89	22	97	0.00	0.0	1.979	0.003	0	0	0	23
PL.27841	PD.3840	C	6 A (CWC)	7.29Y	121.5	0.02	3.50	12.61	9	89	22	97	0.01	0.0	2.008	0.029	2	0	1	23

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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.26239	PL.27841	C	6 A (CWC)	7.29Y	121.5	0.00	3.50	2.40	2	17	4	97	0.00	0.0	2.061	0.053	17	4	3	3
PL.26240	PL.27841	C	6 A (CWC)	7.29Y	121.5	0.01	3.51	6.24	4	44	11	97	0.00	0.0	2.051	0.043	0	0	0	13
PL.26594	PL.26240	C	6 A (CWC)	7.29Y	121.5	0.02	3.52	4.84	3	34	9	97	0.00	0.0	2.131	0.080	8	2	4	10
PL.26246	PL.26594	C	#4 ACSR	7.29Y	121.5	0.00	3.53	1.51	1	11	3	96	0.00	0.0	2.157	0.026	11	3	3	3
PL.26247	PL.26594	C	#4 ACSR	7.29Y	121.5	0.00	3.53	2.18	2	15	4	97	0.00	0.0	2.197	0.066	15	4	3	3
PL.26244	PL.26240	C	#4 ACSR	7.29Y	121.5	0.00	3.51	0.53	0	4	1	97	0.00	0.0	2.067	0.016	4	1	1	1
PL.26245	PL.26240	C	6 A (CWC)	7.29Y	121.5	0.00	3.51	0.87	1	6	2	95	0.00	0.0	2.097	0.046	6	2	2	2
PL.26237	PL.27841	C	6 A (CWC)	7.29Y	121.5	0.01	3.51	3.76	3	27	7	97	0.00	0.0	2.092	0.084	4	1	1	6
PL.27044	PL.26237	C	6 A (CWC)	7.29Y	121.5	0.00	3.51	3.21	2	23	6	97	0.00	0.0	2.129	0.036	7	2	1	5
PL.27045	PL.27044	C	6 A (CWC)	7.29Y	121.5	0.01	3.53	2.16	2	15	4	97	0.00	0.0	2.261	0.132	0	0	0	4
PL.26758	PL.27045	C	6 A (CWC)	7.29Y	121.5	0.01	3.54	2.16	2	15	4	97	0.00	0.0	2.419	0.158	3	1	2	4
PL.26242	PL.26758	C	#2 ACSR	7.29Y	121.5	0.00	3.54	1.79	1	13	3	97	0.00	0.0	2.456	0.037	0	0	0	2
PL.26243	PL.26242	C	#2 ACSR	7.29Y	121.5	0.00	3.54	0.34	0	2	1	89	0.00	0.0	2.504	0.048	2	1	1	1
PL.26595	PL.26242	C	#2 ACSR	7.29Y	121.5	0.00	3.54	1.45	1	10	3	96	0.00	0.0	2.477	0.021	10	3	1	1
PL.26241	PL.26237	C	#4 ACSR	7.29Y	121.5	0.00	3.51	0.00	0	0	0	100	0.00	0.0	2.122	0.029	0	0	0	0
PL.26946	PL.27092	ABC	336 MCM AC	7.29Y	121.5	0.07	3.48	223.00	43	4685	1368	96	1.77	0.0	1.904	0.042	13	3	4	1402
PL.27085	PL.26946	ABC	336 MCM AC	7.28Y	121.4	0.12	3.60	222.23	43	4667	1360	96	2.90	0.1	1.974	0.070	2	1	2	1397
PL.27086	PL.27085	ABC	336 MCM AC	7.28Y	121.3	0.05	3.65	222.12	43	4662	1352	96	1.35	0.0	2.006	0.033	11	3	2	1395
PL.26596	PL.27086	ABC	336 MCM AC	7.28Y	121.3	0.09	3.74	220.71	43	4630	1342	96	2.15	0.0	2.059	0.052	1	0	3	1386
PL.27083	PL.26596	ABC	336 MCM AC	7.27Y	121.2	0.07	3.81	220.67	43	4627	1336	96	1.81	0.0	2.103	0.044	8	2	3	1383
PL.27084	PL.27083	ABC	336 MCM AC	7.27Y	121.1	0.05	3.87	220.30	42	4618	1330	96	1.29	0.0	2.134	0.031	2	0	1	1380
PL.27082	PL.27084	ABC	336 MCM AC	7.26Y	121.0	0.09	3.96	220.21	42	4615	1327	96	2.28	0.0	2.190	0.056	9	2	2	1379
PL.27062	PL.27082	ABC	336 MCM AC	7.26Y	120.9	0.10	4.06	218.73	42	4581	1314	96	2.52	0.1	2.253	0.063	11	3	1	1372
PL.27063	PL.27062	ABC	336 MCM AC	7.25Y	120.9	0.04	4.10	218.23	42	4568	1305	96	0.95	0.0	2.276	0.024	6	1	1	1371
PL.27060	PL.27063	ABC	336 MCM AC	7.25Y	120.8	0.08	4.18	216.44	42	4529	1293	96	1.93	0.0	2.325	0.049	4	1	1	1353
PL.27061	PL.27060	ABC	336 MCM AC	7.24Y	120.7	0.09	4.26	216.28	42	4524	1288	96	2.08	0.0	2.378	0.053	0	0	1	1352
PL.27494	PL.27061	ABC	336 MCM AC	7.24Y	120.6	0.10	4.37	216.26	42	4521	1283	96	2.55	0.1	2.443	0.065	0	0	0	1351
PL.27495	PL.27494	ABC	336 MCM AC	7.24Y	120.6	0.01	4.38	216.26	42	4519	1277	96	0.15	0.0	2.447	0.004	5	1	2	1351
PL.27786	PL.27495	A	#2 ACSR	7.24Y	120.6	0.00	4.38	0.97	1	7	2	96	0.00	0.0	2.451	0.004	0	0	0	1
PD.3815	PL.27786	A	40T	7.24Y	120.6	0.00	4.38	0.97	0	7	2	96	0.00	0.0	2.451	0.004	0	0	0	1
PL.27787	PD.3815	A	#2 ACSR	7.24Y	120.6	0.00	4.38	0.97	1	7	2	96	0.00	0.0	2.468	0.017	0	0	0	1

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Units Displayed In Volts
-Base Voltage:120.0-

	Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
	PL.27068	PL.27787	A	#2 ACSR	7.24Y	120.6	0.00	4.38	0.97	1	7	2	96	0.00	0.0	2.485	0.018	7	2	1	1	
	PL.27496	PL.27495	C	#4 ACSR	7.24Y	120.6	0.00	4.38	1.52	1	11	3	96	0.00	0.0	2.451	0.004	0	0	0	2	
	PD.3665	PL.27496	C	65T	7.24Y	120.6	0.00	4.38	1.52	0	11	3	96	0.00	0.0	2.451	0.004	0	0	0	2	
	PL.27497	PD.3665	C	#4 ACSR	7.24Y	120.6	0.00	4.38	1.52	1	11	3	96	0.00	0.0	2.477	0.026	2	0	1	2	
	PL.27067	PL.27497	C	#4 ACSR	7.24Y	120.6	0.00	4.38	1.24	1	9	2	98	0.00	0.0	2.511	0.034	9	2	1	1	
	PL.27065	PL.27495	ABC	336 MCM AC	7.23Y	120.5	0.08	4.46	215.22	41	4497	1271	96	2.03	0.0	2.499	0.052	2	1	2	1346	
	PL.27066	PL.27065	ABC	336 MCM AC	7.23Y	120.5	0.07	4.52	215.11	41	4492	1266	96	1.59	0.0	2.540	0.041	12	3	4	1344	
	PL.26947	PL.27066	ABC	336 MCM AC	7.23Y	120.4	0.03	4.56	214.25	41	4473	1258	96	0.80	0.0	2.560	0.021	4	1	1	1339	
	PL.26952	PL.26947	ABC	336 MCM AC	7.22Y	120.3	0.14	4.70	214.06	41	4468	1255	96	3.45	0.1	2.650	0.090	16	4	5	1337	
	PL.27850	PL.26952	ABC	#1/0 ACSR	7.22Y	120.3	0.05	4.75	51.99	23	1091	278	97	0.36	0.0	2.700	0.050	0	0	0	331	
	PL.27851	PL.27850	ABC	#1/0 ACSR	7.21Y	120.2	0.04	4.78	51.99	23	1091	278	97	0.29	0.0	2.740	0.041	5	1	3	331	
	PL.27052	PL.27851	ABC	#1/0 ACSR	7.21Y	120.2	0.02	4.80	51.76	23	1085	276	97	0.15	0.0	2.761	0.021	4	1	2	328	
	PL.27792	PL.27052	A	6 A (CWC)	7.21Y	120.2	0.00	4.80	4.79	3	34	8	97	0.00	0.0	2.765	0.004	0	0	0	11	
	PD.3817	PL.27792	A	40T	7.21Y	120.2	0.00	4.80	4.79	0	34	8	97	0.00	0.0	2.765	0.004	0	0	0	11	
	PL.27793	PD.3817	A	6 A (CWC)	7.21Y	120.2	0.01	4.81	4.79	3	34	8	97	0.00	0.0	2.798	0.033	0	0	0	11	
	PL.27048	PL.27793	A	6 A (CWC)	7.21Y	120.2	0.01	4.82	4.79	3	34	8	97	0.00	0.0	2.877	0.079	14	3	5	11	
	PL.26285	PL.27048	A	#4 ACSR	7.21Y	120.2	0.01	4.83	2.14	2	15	4	97	0.00	0.0	2.948	0.072	0	0	0	3	
	PL.26287	PL.26285	A	#2 ACSR	7.21Y	120.2	0.00	4.83	0.86	0	6	2	95	0.00	0.0	2.971	0.023	6	2	1	1	
	PL.26288	PL.26285	A	#1/0 ACSR	7.21Y	120.2	0.00	4.83	1.04	0	7	2	96	0.00	0.0	2.985	0.037	7	2	1	1	
	PL.26286	PL.26285	A	#1/0 ACSR	7.21Y	120.2	0.00	4.83	0.24	0	2	0	100	0.00	0.0	3.047	0.099	2	0	1	1	
	PL.26284	PL.27048	A	6 A (CWC)	7.21Y	120.2	0.00	4.83	0.67	0	5	1	98	0.00	0.0	2.923	0.047	5	1	3	3	
	PL.27488	PL.27052	C	#1/0 ACSR	7.21Y	120.2	0.00	4.80	0.39	0	3	1	95	0.00	0.0	2.765	0.004	0	0	0	1	
	PD.3662	PL.27488	C	15T	7.21Y	120.2	0.00	4.80	0.39	0	3	1	95	0.00	0.0	2.765	0.004	0	0	0	1	
	PL.27489	PD.3662	C	#1/0 ACSR	7.21Y	120.2	0.00	4.80	0.39	0	3	1	95	0.00	0.0	2.835	0.070	3	1	1	1	
	PL.27049	PL.27052	ABC	#1/0 ACSR	7.21Y	120.1	0.05	4.86	49.84	22	1045	266	97	0.40	0.0	2.821	0.060	7	2	2	314	
	PL.27050	PL.27049	ABC	#1/0 ACSR	7.20Y	120.1	0.06	4.92	49.49	22	1037	264	97	0.46	0.0	2.893	0.072	19	5	4	312	
	PL.66163	PL.27050	ABC	#1/0 ACSR	7.20Y	120.1	0.00	4.92	48.59	21	1018	259	97	0.01	0.0	2.895	0.002	0	0	0	308	
C	PD.9999	PL.66163	ABC	50L	7.20Y	120.1	0.00	4.92	48.59	97	1018	259	97	0.00	0.0	2.895	0.002	0	0	0	308	C
	PL.66164	PD.9999	ABC	#1/0 ACSR	7.20Y	120.0	0.04	4.96	48.59	21	1018	259	97	0.28	0.0	2.940	0.045	7	2	3	308	
	PL.27029	PL.66164	ABC	#1/0 ACSR	7.20Y	120.0	0.08	5.04	48.25	21	1010	257	97	0.61	0.1	3.039	0.099	10	3	4	305	
	PL.26604	PL.27029	ABC	#1/0 ACSR	7.20Y	119.9	0.04	5.08	47.19	21	988	251	97	0.26	0.0	3.082	0.043	2	1	3	298	

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Balanced Voltage Drop Report
Source: Rice Station

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.27470	PL.26604	C	6 A (CWC)	7.20Y	119.9	0.00	5.08	3.16	2	22	6	96	0.00	0.0	3.088	0.005	0	0	0	5
PD.3653	PL.27470	C	20T	7.20Y	119.9	0.00	5.08	3.16	0	22	6	96	0.00	0.0	3.088	0.005	0	0	0	5
PL.27471	PD.3653	C	6 A (CWC)	7.19Y	119.9	0.01	5.09	3.16	2	22	6	96	0.00	0.0	3.156	0.068	13	3	2	5
PL.26290	PL.27471	C	6 A (CWC)	7.19Y	119.9	0.01	5.09	1.35	1	9	2	98	0.00	0.0	3.325	0.170	7	2	2	3
PL.26291	PL.26290	C	#4 ACSR	7.19Y	119.9	0.00	5.10	0.32	0	2	1	89	0.00	0.0	3.379	0.054	0	0	0	1
PL.26292	PL.26291	C	#1/0 ACSR	7.19Y	119.9	0.00	5.10	0.32	0	2	1	89	0.00	0.0	3.532	0.153	2	1	1	1
PL.26289	PL.26604	ABC	#1/0 ACSR	7.19Y	119.8	0.07	5.16	46.02	20	963	244	97	0.52	0.1	3.174	0.092	4	1	2	290
PL.27518	PL.26289	A	#2 ACSR	7.19Y	119.8	0.00	5.16	1.34	1	9	2	98	0.00	0.0	3.178	0.005	0	0	0	1
PD.3677	PL.27518	A	30T	7.19Y	119.8	0.00	5.16	1.34	0	9	2	98	0.00	0.0	3.178	0.005	0	0	0	1
PL.27519	PD.3677	A	#2 ACSR	7.19Y	119.8	0.00	5.16	1.34	1	9	2	98	0.00	0.0	3.192	0.013	9	2	1	1
PL.27055	PL.26289	ABC	#1/0 ACSR	7.19Y	119.8	0.02	5.18	45.40	20	949	240	97	0.13	0.0	3.198	0.024	4	1	3	287
PL.27056	PL.27055	ABC	#1/0 ACSR	7.19Y	119.8	0.03	5.21	45.19	20	945	239	97	0.23	0.0	3.241	0.042	1	0	1	284
PL.27484	PL.27056	C	#4 ACSR	7.19Y	119.8	0.00	5.21	1.92	1	13	3	97	0.00	0.0	3.245	0.005	0	0	0	4
PD.3660	PL.27484	C	20T	7.19Y	119.8	0.00	5.21	1.92	0	13	3	97	0.00	0.0	3.245	0.005	0	0	0	4
PL.27485	PD.3660	C	#4 ACSR	7.19Y	119.8	0.00	5.21	1.92	1	13	3	97	0.00	0.0	3.267	0.022	8	2	2	4
PL.26293	PL.27485	C	#4 ACSR	7.19Y	119.8	0.00	5.21	0.31	0	2	1	89	0.00	0.0	3.370	0.103	2	1	1	1
PL.27053	PL.27485	C	#4 ACSR	7.19Y	119.8	0.00	5.21	0.42	0	3	1	95	0.00	0.0	3.280	0.013	0	0	0	1
PL.27054	PL.27053	C	#4 ACSR	7.19Y	119.8	0.00	5.21	0.42	0	3	1	95	0.00	0.0	3.345	0.065	3	1	1	1
PL.27046	PL.27056	ABC	#1/0 ACSR	7.18Y	119.7	0.07	5.28	44.51	19	930	235	97	0.47	0.1	3.331	0.090	3	1	1	279
PL.27047	PL.27046	ABC	#1/0 ACSR	7.18Y	119.7	0.05	5.33	44.35	19	927	234	97	0.30	0.0	3.388	0.058	2	1	1	278
PL.26598	PL.27047	ABC	#1/0 ACSR	7.18Y	119.6	0.05	5.38	44.03	19	920	232	97	0.35	0.0	3.456	0.068	10	2	1	276
PL.27482	PL.26598	A	#4 ACSR	7.18Y	119.6	0.00	5.38	2.41	2	17	4	97	0.00	0.0	3.460	0.004	0	0	0	3
PD.3659	PL.27482	A	40T	7.18Y	119.6	0.00	5.38	2.41	0	17	4	97	0.00	0.0	3.460	0.004	0	0	0	3
PL.27483	PD.3659	A	#4 ACSR	7.18Y	119.6	0.01	5.39	2.41	2	17	4	97	0.00	0.0	3.551	0.090	0	0	0	3
PL.27026	PL.27483	A	#2 ACSR	7.18Y	119.6	0.00	5.39	2.41	1	17	4	97	0.00	0.0	3.573	0.022	10	2	2	3
PL.27027	PL.27026	A	#2 ACSR	7.18Y	119.6	0.00	5.39	1.01	1	7	2	96	0.00	0.0	3.652	0.080	7	2	1	1
PL.26599	PL.26598	ABC	#1/0 ACSR	7.17Y	119.6	0.05	5.43	42.77	19	893	225	97	0.35	0.0	3.528	0.072	10	3	3	272
PL.27039	PL.26599	ABC	#1/0 ACSR	7.17Y	119.5	0.08	5.52	41.30	18	862	217	97	0.51	0.1	3.643	0.115	23	6	3	265
PL.27040	PL.27039	ABC	#1/0 ACSR	7.17Y	119.5	0.02	5.54	40.20	17	839	211	97	0.12	0.0	3.670	0.028	0	0	0	262
PL.27476	PL.27040	A	6 A (CWC)	7.17Y	119.5	0.00	5.54	1.47	1	10	3	96	0.00	0.0	3.675	0.005	0	0	0	4
PD.3656	PL.27476	A	40T	7.17Y	119.5	0.00	5.54	1.47	0	10	3	96	0.00	0.0	3.675	0.005	0	0	0	4

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Balanced Voltage Drop Report
Source: Rice Station

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.27477	PD.3656	A	6 A (CWC)	7.17Y	119.5	0.00	5.54	1.47	1	10	3	96	0.00	0.0	3.736	0.061	10	3	4	4
PL.27041	PL.27040	ABC	#1/0 ACSR	7.17Y	119.4	0.02	5.55	39.71	17	828	208	97	0.10	0.0	3.694	0.024	2	0	1	258
PL.27042	PL.27041	ABC	#1/0 ACSR	7.17Y	119.4	0.02	5.58	39.62	17	826	208	97	0.14	0.0	3.728	0.034	11	3	2	257
PL.27043	PL.27042	ABC	#1/0 ACSR	7.16Y	119.4	0.03	5.61	39.07	17	815	205	97	0.17	0.0	3.770	0.042	6	2	1	255
PL.27474	PL.27043	C	#2 ACSR	7.16Y	119.4	0.00	5.61	0.98	1	7	2	96	0.00	0.0	3.774	0.004	0	0	0	1
PD.3655	PL.27474	C	40T	7.16Y	119.4	0.00	5.61	0.98	0	7	2	96	0.00	0.0	3.774	0.004	0	0	0	1
PL.27475	PD.3655	C	#2 ACSR	7.16Y	119.4	0.00	5.61	0.98	1	7	2	96	0.00	0.0	3.821	0.046	7	2	1	1
PL.27023	PL.27043	ABC	#1/0 ACSR	7.16Y	119.4	0.03	5.64	38.44	17	801	201	97	0.17	0.0	3.815	0.044	9	2	1	253
PL.27024	PL.27023	ABC	#1/0 ACSR	7.16Y	119.3	0.03	5.67	38.00	17	792	199	97	0.19	0.0	3.865	0.050	10	3	2	252
PL.27022	PL.27024	ABC	#1/0 ACSR	7.16Y	119.3	0.04	5.71	37.51	16	781	196	97	0.25	0.0	3.932	0.067	0	0	0	250
PL.26600	PL.27022	ABC	#1/0 ACSR	7.15Y	119.2	0.05	5.76	36.52	16	761	191	97	0.27	0.0	4.007	0.076	0	0	0	245
PL.27866	PL.26600	ABC	#1/0 ACSR	7.15Y	119.2	0.07	5.84	36.52	16	760	190	97	0.41	0.1	4.122	0.115	0	0	0	245
PL.27867	PL.27866	ABC	#1/0 ACSR	7.14Y	119.1	0.11	5.95	36.52	16	760	190	97	0.61	0.1	4.293	0.171	0	0	0	245
PL.26601	PL.27867	ABC	#1/0 ACSR	7.14Y	119.0	0.05	6.00	28.02	12	583	145	97	0.19	0.0	4.386	0.093	4	1	2	183
PL.26943	PL.26601	ABC	#1/0 ACSR	7.14Y	119.0	0.03	6.02	14.59	6	304	74	97	0.06	0.0	4.494	0.107	0	0	0	95
PL.27464	PL.26943	C	#1/0 ACSR	7.14Y	119.0	0.00	6.02	2.13	1	15	4	97	0.00	0.0	4.498	0.005	0	0	0	2
PD.3649	PL.27464	C	30T	7.14Y	119.0	0.00	6.02	2.13	0	15	4	97	0.00	0.0	4.498	0.005	0	0	0	2
PL.27465	PD.3649	C	#1/0 ACSR	7.14Y	119.0	0.00	6.03	2.13	1	15	4	97	0.00	0.0	4.645	0.147	15	4	2	2
PL.26944	PL.26943	ABC	#1/0 ACSR	7.14Y	119.0	0.02	6.04	13.88	6	289	70	97	0.04	0.0	4.577	0.084	0	0	0	93
PL.26760	PL.26944	ABC	#1/0 ACSR	7.14Y	118.9	0.03	6.07	13.88	6	289	70	97	0.05	0.0	4.681	0.103	0	0	0	93
PL.27013	PL.26760	ABC	#1/0 ACSR	7.13Y	118.9	0.01	6.08	13.88	6	289	70	97	0.03	0.0	4.738	0.058	10	3	1	93
PL.27014	PL.27013	ABC	#1/0 ACSR	7.13Y	118.9	0.01	6.10	13.39	6	279	68	97	0.02	0.0	4.787	0.048	13	3	3	92
PL.27010	PL.27014	ABC	#1/0 ACSR	7.13Y	118.9	0.00	6.10	12.76	6	265	64	97	0.01	0.0	4.806	0.020	0	0	0	89
PL.27802	PL.27010	C	1/0 AL URD	7.13Y	118.9	0.00	6.10	17.67	10	123	29	97	0.00	0.0	4.811	0.005	0	0	0	27
PD.3822	PL.27802	C	20T	7.13Y	118.9	0.00	6.10	17.67	0	123	29	97	0.00	0.0	4.811	0.005	0	0	0	27
PL.27803	PD.3822	C	1/0 AL URD	7.13Y	118.9	0.03	6.13	17.67	10	123	29	97	0.03	0.0	4.861	0.050	0	0	0	27
PL.27452	PL.27803	C	1/0 AL URD	7.13Y	118.9	0.01	6.14	17.67	10	123	29	97	0.01	0.0	4.879	0.018	1	0	2	27
PL.27453	PL.27452	C	1/0 AL URD	7.13Y	118.8	0.02	6.16	17.54	10	122	29	97	0.02	0.0	4.914	0.035	0	0	0	25
PL.26306	PL.27453	C	1/0 AL URD	7.13Y	118.8	0.01	6.17	17.54	10	122	29	97	0.01	0.0	4.938	0.024	10	2	2	25
PL.27440	PL.26306	C	1/0 AL URD	7.13Y	118.8	0.01	6.19	16.13	9	112	27	97	0.01	0.0	4.967	0.029	5	1	2	23
PL.27450	PL.27440	C	1/0 AL URD	7.13Y	118.8	0.01	6.20	15.35	9	106	25	97	0.01	0.0	4.994	0.028	14	4	2	21

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Balanced Voltage Drop Report
Source: Rice Station

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.27451	PL.27450	C	1/0 AL URD	7.13Y	118.8	0.01	6.21	13.28	8	92	22	97	0.01	0.0	5.023	0.029	7	2	1	19
PL.27447	PL.27451	C	1/0 AL URD	7.13Y	118.8	0.01	6.21	12.23	7	85	20	97	0.00	0.0	5.039	0.016	9	2	2	18
PL.27448	PL.27447	C	1/0 AL URD	7.13Y	118.8	0.01	6.23	10.99	6	76	18	97	0.01	0.0	5.083	0.044	8	2	1	16
PL.27449	PL.27448	C	1/0 AL URD	7.13Y	118.8	0.01	6.24	9.80	6	68	16	97	0.01	0.0	5.122	0.039	9	2	1	15
PL.27445	PL.27449	C	1/0 AL URD	7.12Y	118.7	0.01	6.25	8.55	5	59	14	97	0.01	0.0	5.173	0.052	8	2	2	14
PL.27446	PL.27445	C	1/0 AL URD	7.12Y	118.7	0.01	6.26	7.36	4	51	12	97	0.00	0.0	5.206	0.033	7	2	2	12
PL.27441	PL.27446	C	1/0 AL URD	7.12Y	118.7	0.00	6.26	3.01	2	21	5	97	0.00	0.0	5.236	0.030	6	1	2	4
PL.27442	PL.27441	C	1/0 AL URD	7.12Y	118.7	0.00	6.26	2.19	1	15	4	97	0.00	0.0	5.258	0.023	15	4	2	2
PL.27443	PL.27446	C	1/0 AL URD	7.12Y	118.7	0.00	6.26	3.34	2	23	6	97	0.00	0.0	5.226	0.019	15	4	4	6
PL.27444	PL.27443	C	1/0 AL URD	7.12Y	118.7	0.00	6.26	1.12	1	8	2	97	0.00	0.0	5.249	0.024	8	2	2	2
PL.27800	PL.27010	C	1/0 AL URD	7.13Y	118.9	0.00	6.10	5.24	3	36	9	97	0.00	0.0	4.808	0.002	0	0	0	6
PD.3821	PL.27800	C	20T	7.13Y	118.9	0.00	6.10	5.24	0	36	9	97	0.00	0.0	4.808	0.002	0	0	0	6
PL.27801	PD.3821	C	1/0 AL URD	7.13Y	118.9	0.00	6.10	5.24	3	36	9	97	0.00	0.0	4.810	0.002	9	2	2	6
PL.27438	PL.27801	C	1/0 AL URD	7.13Y	118.9	0.01	6.11	3.97	2	28	7	97	0.00	0.0	4.865	0.054	11	3	2	4
PL.27439	PL.27438	C	1/0 AL URD	7.13Y	118.9	0.00	6.11	2.34	1	16	4	97	0.00	0.0	4.913	0.049	16	4	2	2
PL.27462	PL.27010	A	#4 ACSR	7.13Y	118.9	0.00	6.10	15.38	12	106	27	97	0.00	0.0	4.811	0.005	0	0	0	56
PD.3648	PL.27462	A	40T	7.13Y	118.9	0.00	6.10	15.38	0	106	27	97	0.00	0.0	4.811	0.005	0	0	0	56
PL.27463	PD.3648	A	#4 ACSR	7.13Y	118.9	0.03	6.13	15.38	12	106	27	97	0.02	0.0	4.850	0.039	0	0	0	56
PL.26303	PL.27463	A	#4 ACSR	7.13Y	118.9	0.01	6.14	2.99	2	21	5	97	0.00	0.0	4.930	0.080	8	2	3	6
PL.26304	PL.26303	A	#4 ACSR	7.13Y	118.9	0.00	6.14	0.60	0	4	1	97	0.00	0.0	4.990	0.059	4	1	1	1
PL.26305	PL.26303	A	#1/0 ACSR	7.13Y	118.9	0.00	6.14	1.21	1	8	2	97	0.00	0.0	5.099	0.169	8	2	2	2
PL.27011	PL.27463	A	#4 ACSR	7.13Y	118.9	0.02	6.15	12.39	10	86	22	97	0.01	0.0	4.885	0.035	28	7	15	50
PL.27012	PL.27011	A	#4 ACSR	7.13Y	118.8	0.01	6.15	8.29	6	57	14	97	0.00	0.0	4.912	0.027	57	14	35	35
PL.26294	PL.26601	B	6 A (CWC)	7.14Y	119.0	0.01	6.00	39.75	28	275	70	97	0.02	0.0	4.390	0.004	0	0	0	86
PD.3651	PL.26294	B	40T	7.14Y	119.0	0.00	6.00	39.75	0	275	70	97	0.00	0.0	4.390	0.004	0	0	0	86
PL.27020	PD.3651	B	6 A (CWC)	7.13Y	118.8	0.16	6.16	39.59	28	274	69	97	0.34	0.1	4.481	0.091	6	1	1	84
PL.27021	PL.27020	B	6 A (CWC)	7.13Y	118.8	0.03	6.20	38.75	28	268	68	97	0.07	0.0	4.501	0.020	15	4	3	83
PL.26296	PL.27021	B	6 A (CWC)	7.12Y	118.6	0.15	6.35	35.47	25	245	62	97	0.29	0.1	4.596	0.095	3	1	1	78
PL.26603	PL.26296	B	6 A (CWC)	7.12Y	118.6	0.02	6.38	7.44	5	51	13	97	0.01	0.0	4.684	0.087	22	6	4	11
PL.27033	PL.26603	B	6 A (CWC)	7.12Y	118.6	0.01	6.38	4.21	3	29	7	97	0.00	0.0	4.728	0.044	7	2	2	7
PL.27034	PL.27033	B	6 A (CWC)	7.12Y	118.6	0.00	6.39	3.13	2	22	5	98	0.00	0.0	4.766	0.038	10	2	2	5

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Balanced Voltage Drop Report
Source: Rice Station

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.27036	PL.27034	B	6 A (CWC)	7.12Y	118.6	0.00	6.39	1.75	1	12	3	97	0.00	0.0	4.811	0.045	6	2	2	3
PL.27037	PL.27036	B	6 A (CWC)	7.12Y	118.6	0.00	6.39	0.86	1	6	1	99	0.00	0.0	4.843	0.032	6	1	1	1
PL.27035	PL.27037	B	6 A (CWC)	7.12Y	118.6	0.00	6.39	0.00	0	0	0	100	0.00	0.0	4.870	0.028	0	0	0	0
PL.26299	PL.26296	B	#4 ACSR	7.12Y	118.6	0.00	6.35	0.80	1	6	1	99	0.00	0.0	4.633	0.036	6	1	1	1
PL.26300	PL.26296	B	#4 ACSR	7.11Y	118.5	0.12	6.48	26.84	21	185	47	97	0.18	0.1	4.700	0.103	0	0	0	65
PL.26759	PL.26300	B	#4 ACSR	7.10Y	118.4	0.12	6.59	26.84	21	185	47	97	0.17	0.1	4.800	0.100	0	0	0	65
PL.26301	PL.26759	B	#4 ACSR	7.10Y	118.4	0.00	6.60	1.05	1	7	2	96	0.00	0.0	4.859	0.059	7	2	1	1
PL.27008	PL.26759	B	#4 ACSR	7.10Y	118.3	0.11	6.71	25.79	20	178	45	97	0.15	0.1	4.899	0.099	5	1	1	64
PL.27009	PL.27008	B	#4 ACSR	7.10Y	118.3	0.03	6.74	25.02	19	172	43	97	0.05	0.0	4.930	0.030	0	0	0	63
PL.26998	PL.27009	B	#4 ACSR	7.09Y	118.2	0.02	6.76	4.94	4	34	9	97	0.01	0.0	5.051	0.121	10	2	3	7
PL.27004	PL.26998	B	#4 ACSR	7.09Y	118.2	0.00	6.77	3.50	3	24	6	97	0.00	0.0	5.078	0.027	12	3	2	4
PL.27005	PL.27004	B	#4 ACSR	7.09Y	118.2	0.00	6.77	1.74	1	12	3	97	0.00	0.0	5.103	0.025	12	3	2	2
PL.26942	PL.27009	B	#4 ACSR	7.09Y	118.2	0.05	6.79	13.66	11	94	24	97	0.04	0.0	5.009	0.079	0	0	0	47
PL.27006	PL.26942	B	#2 ACSR	7.09Y	118.2	0.00	6.79	7.08	4	49	12	97	0.00	0.0	5.026	0.017	23	6	14	29
PL.27007	PL.27006	B	#2 ACSR	7.09Y	118.2	0.00	6.79	3.80	2	26	7	97	0.00	0.0	5.051	0.025	26	7	15	15
PL.26999	PL.26942	B	#4 ACSR	7.09Y	118.2	0.00	6.79	3.71	3	26	6	97	0.00	0.0	5.036	0.027	5	1	1	5
PL.27000	PL.26999	B	#4 ACSR	7.09Y	118.2	0.00	6.79	3.02	2	21	5	97	0.00	0.0	5.062	0.026	21	5	4	4
PL.26302	PL.26942	B	#2 ACSR	7.09Y	118.2	0.00	6.79	2.88	2	20	5	97	0.00	0.0	5.043	0.034	20	5	13	13
PL.27001	PL.27009	B	#4 ACSR	7.09Y	118.2	0.02	6.76	6.42	5	44	11	97	0.01	0.0	5.016	0.086	11	3	2	9
PL.27002	PL.27001	B	#4 ACSR	7.09Y	118.2	0.00	6.76	4.78	4	33	8	97	0.00	0.0	5.042	0.026	21	5	4	7
PL.27003	PL.27002	B	#4 ACSR	7.09Y	118.2	0.00	6.77	1.68	1	12	3	97	0.00	0.0	5.066	0.024	12	3	3	3
PL.26297	PL.27021	B	#1/0 ACSR	7.13Y	118.8	0.00	6.20	0.34	0	2	1	89	0.00	0.0	4.532	0.031	2	1	1	1
PL.26298	PL.27021	B	#4 ACSR	7.13Y	118.8	0.00	6.20	0.81	1	6	1	99	0.00	0.0	4.548	0.047	6	1	1	1
PL.26295	PD.3651	B	#4 ACSR	7.14Y	119.0	0.00	6.00	0.16	0	1	0	100	0.00	0.0	4.472	0.081	1	0	2	2
PL.27466	PL.27867	C	#1/0 ACSR	7.14Y	119.1	0.00	5.95	0.00	0	0	0	100	0.00	0.0	4.297	0.004	0	0	0	1
PD.3650	PL.27466	C	40T	7.14Y	119.1	0.00	5.95	0.00	0	0	0	100	0.00	0.0	4.297	0.004	0	0	0	1
PL.27467	PD.3650	C	#1/0 ACSR	7.14Y	119.1	0.00	5.95	0.00	0	0	0	100	0.00	0.0	4.324	0.027	0	0	1	1
PL.27798	PL.27867	A	6 A (CWC)	7.14Y	119.0	0.00	5.95	25.50	18	177	45	97	0.01	0.0	4.297	0.004	0	0	0	61
PD.3820	PL.27798	A	40T	7.14Y	119.0	0.00	5.95	25.50	0	177	45	97	0.00	0.0	4.297	0.004	0	0	0	61
PL.65816	PD.3820	A	6 A (CWC)	7.14Y	118.9	0.12	6.07	25.50	18	177	45	97	0.16	0.1	4.398	0.101	3	1	1	61
PL.65817	PL.65816	A	6 A (CWC)	7.13Y	118.9	0.05	6.12	25.12	18	174	44	97	0.06	0.0	4.439	0.040	2	0	1	60

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Balanced Voltage Drop Report
Source: Rice Station

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.27025	PL.65817	A	6 A (CWC)	7.12Y	118.7	0.18	6.29	24.84	18	172	43	97	0.24	0.1	4.596	0.157	0	0	0	59
PL.27018	PL.27025	A	#4 ACSR	7.12Y	118.7	0.04	6.34	24.84	19	172	43	97	0.06	0.0	4.637	0.041	12	3	1	59
PL.27019	PL.27018	A	#4 ACSR	7.12Y	118.6	0.05	6.39	23.11	18	160	40	97	0.07	0.0	4.689	0.053	6	2	1	58
PL.27017	PL.27019	A	#4 ACSR	7.11Y	118.6	0.04	6.43	22.22	17	153	39	97	0.04	0.0	4.730	0.041	19	5	6	57
PL.26308	PL.27017	A	#4 ACSR	7.11Y	118.6	0.02	6.45	2.67	2	18	5	96	0.00	0.0	4.883	0.152	0	0	0	2
PL.26310	PL.26308	A	#4 ACSR	7.11Y	118.6	0.00	6.45	0.95	1	7	2	96	0.00	0.0	4.964	0.081	7	2	1	1
PL.26311	PL.26308	A	#4 ACSR	7.11Y	118.6	0.00	6.45	1.72	1	12	3	97	0.00	0.0	4.910	0.027	12	3	1	1
PL.26307	PL.27017	A	#2 ACSR	7.11Y	118.6	0.02	6.45	16.85	10	116	29	97	0.02	0.0	4.768	0.038	0	0	0	49
PL.27015	PL.26307	A	#2 ACSR	7.11Y	118.5	0.02	6.47	12.21	7	84	21	97	0.01	0.0	4.835	0.066	39	10	24	44
PL.27016	PL.27015	A	#2 ACSR	7.11Y	118.5	0.00	6.47	6.54	4	45	11	97	0.00	0.0	4.855	0.020	45	11	20	20
PL.26602	PL.26307	A	#2 ACSR	7.11Y	118.5	0.00	6.45	4.64	3	32	8	97	0.00	0.0	4.797	0.028	32	8	5	5
PL.26309	PL.26307	A	#4 ACSR	7.11Y	118.6	0.00	6.45	0.00	0	0	0	100	0.00	0.0	4.868	0.099	0	0	0	0
CP.38	PL.27866	ABC	Cap (300)	7.15Y	119.2	0.00	5.84	0.00	0	0	0	100	0.00	0.0	4.122	0.099	0	0	0	0
PL.27796	PL.27022	C	#1/0 ACSR	7.16Y	119.3	0.00	5.71	0.83	0	6	1	99	0.00	0.0	3.936	0.004	0	0	0	2
PD.3819	PL.27796	C	15T	7.16Y	119.3	0.00	5.71	0.83	0	6	1	99	0.00	0.0	3.936	0.004	0	0	0	2
PL.27797	PD.3819	C	#1/0 ACSR	7.16Y	119.3	0.00	5.72	0.83	0	6	1	99	0.00	0.0	4.073	0.137	0	0	1	2
PL.27038	PL.27797	C	#1/0 ACSR	7.16Y	119.3	0.00	5.72	0.83	0	6	1	99	0.00	0.0	4.230	0.157	6	1	1	1
PL.27468	PL.27022	C	6 A (CWC)	7.16Y	119.3	0.00	5.72	2.13	2	15	4	97	0.00	0.0	3.936	0.004	0	0	0	3
PD.3652	PL.27468	C	40T	7.16Y	119.3	0.00	5.72	2.13	0	15	4	97	0.00	0.0	3.936	0.004	0	0	0	3
PL.27469	PD.3652	C	6 A (CWC)	7.16Y	119.3	0.00	5.72	2.13	2	15	4	97	0.00	0.0	3.989	0.053	15	4	3	3
PL.27480	PL.26599	A	#4 ACSR	7.17Y	119.6	0.00	5.43	1.15	1	8	2	97	0.00	0.0	3.532	0.004	0	0	0	2
PD.3658	PL.27480	A	20T	7.17Y	119.6	0.00	5.43	1.15	0	8	2	97	0.00	0.0	3.532	0.004	0	0	0	2
PL.27481	PD.3658	A	#4 ACSR	7.17Y	119.6	0.00	5.43	1.15	1	8	2	97	0.00	0.0	3.547	0.014	8	2	2	2
PL.27794	PL.26599	C	6 A (CWC)	7.17Y	119.6	0.00	5.43	1.78	1	12	3	97	0.00	0.0	3.532	0.004	0	0	0	2
PD.3818	PL.27794	C	40T	7.17Y	119.6	0.00	5.43	1.78	0	12	3	97	0.00	0.0	3.532	0.004	0	0	0	2
PL.27795	PD.3818	C	6 A (CWC)	7.17Y	119.6	0.00	5.44	1.78	1	12	3	97	0.00	0.0	3.580	0.048	12	3	2	2
PL.27486	PL.27047	C	#4 ACSR	7.18Y	119.7	0.00	5.33	0.62	0	4	1	97	0.00	0.0	3.392	0.004	0	0	0	1
PD.3661	PL.27486	C	20T	7.18Y	119.7	0.00	5.33	0.62	0	4	1	97	0.00	0.0	3.392	0.004	0	0	0	1
PL.27487	PD.3661	C	#4 ACSR	7.18Y	119.7	0.00	5.33	0.62	0	4	1	97	0.00	0.0	3.452	0.059	4	1	1	1
PL.27472	PL.27029	A	#2 ACSR	7.20Y	120.0	0.00	5.04	1.68	1	12	3	97	0.00	0.0	3.044	0.005	0	0	0	3
PD.3654	PL.27472	A	25T	7.20Y	120.0	0.00	5.04	1.68	0	12	3	97	0.00	0.0	3.044	0.005	0	0	0	3

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Balanced Voltage Drop Report
Source: Rice Station

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.27473	PD.3654	A	#2 ACSR	7.20Y	120.0	0.00	5.05	1.68	1	12	3	97	0.00	0.0	3.075	0.032	12	3	3	3
PL.26251	PL.26952	ABC	336 MCM AC	7.21Y	120.2	0.11	4.81	161.31	31	3357	964	96	2.04	0.1	2.743	0.093	0	0	0	1001
PL.27069	PL.26251	ABC	336 MCM AC	7.21Y	120.1	0.06	4.88	161.01	31	3349	958	96	1.15	0.0	2.795	0.052	0	0	0	999
PL.27077	PL.27069	ABC	336 MCM AC	7.20Y	120.0	0.10	4.97	161.01	31	3348	955	96	1.78	0.1	2.877	0.082	8	2	3	999
PL.27078	PL.27077	ABC	336 MCM AC	7.20Y	120.0	0.02	5.00	160.63	31	3338	949	96	0.42	0.0	2.896	0.019	2	0	1	996
PL.27079	PL.27078	ABC	336 MCM AC	7.20Y	120.0	0.03	5.03	160.55	31	3336	948	96	0.52	0.0	2.920	0.024	18	4	4	995
PL.27436	PL.27079	ABC	336 MCM AC	7.19Y	119.9	0.07	5.10	159.70	31	3318	942	96	1.31	0.0	2.981	0.061	1	0	1	991
PL.27437	PL.27436	ABC	336 MCM AC	7.19Y	119.9	0.05	5.15	159.64	31	3315	939	96	0.87	0.0	3.022	0.041	15	4	5	990
PL.26254	PL.27437	A	#4 ACSR	7.19Y	119.8	0.01	5.16	10.68	8	74	19	97	0.01	0.0	3.041	0.019	0	0	0	24
PD.3668	PL.26254	A	20T	7.19Y	119.8	0.00	5.16	10.68	0	74	19	97	0.00	0.0	3.041	0.019	0	0	0	24
PL.26605	PD.3668	A	#4 ACSR	7.19Y	119.8	0.03	5.18	9.70	7	68	17	97	0.01	0.0	3.101	0.059	0	0	0	21
PL.26256	PL.26605	A	#4 ACSR	7.19Y	119.8	0.00	5.18	1.81	1	13	3	97	0.00	0.0	3.128	0.028	13	3	2	2
PL.26257	PL.26605	A	#4 ACSR	7.19Y	119.8	0.00	5.18	0.41	0	3	1	95	0.00	0.0	3.153	0.053	3	1	1	1
PL.26606	PL.26605	A	#4 ACSR	7.19Y	119.8	0.04	5.22	7.48	6	52	13	97	0.01	0.0	3.226	0.125	8	2	3	18
PL.27071	PL.26606	A	#4 ACSR	7.19Y	119.8	0.01	5.23	6.34	5	44	11	97	0.00	0.0	3.277	0.051	26	7	7	14
PL.27072	PL.27071	A	#4 ACSR	7.19Y	119.8	0.00	5.23	2.56	2	18	4	98	0.00	0.0	3.339	0.062	18	4	7	7
PL.26258	PL.26606	A	#4 ACSR	7.19Y	119.8	0.00	5.22	0.00	0	0	0	100	0.00	0.0	3.247	0.021	0	0	1	1
PL.26255	PD.3668	A	#2 ACSR	7.19Y	119.8	0.00	5.16	0.98	1	7	2	96	0.00	0.0	3.065	0.024	7	2	3	3
PL.26954	PL.27437	ABC	336 MCM AC	7.19Y	119.8	0.06	5.21	155.37	30	3225	914	96	1.05	0.0	3.074	0.052	15	4	4	961
PL.26259	PL.26954	ABC	#2 ACSR	7.19Y	119.8	0.00	5.21	0.90	1	19	5	97	0.00	0.0	3.079	0.005	19	5	1	1
PL.26955	PL.26954	ABC	336 MCM AC	7.18Y	119.7	0.07	5.28	153.75	30	3190	903	96	1.23	0.0	3.136	0.062	0	0	0	956
PL.26260	PL.26955	A	#1/0 ACSR	7.18Y	119.7	0.00	5.28	0.82	0	6	1	99	0.00	0.0	3.172	0.036	6	1	1	1
PL.26956	PL.26955	ABC	336 MCM AC	7.18Y	119.6	0.09	5.37	153.47	30	3183	899	96	1.64	0.1	3.219	0.083	4	1	2	955
PL.27502	PL.26956	C	#4 ACSR	7.18Y	119.6	0.00	5.37	2.39	2	17	4	97	0.00	0.0	3.223	0.005	0	0	0	3
PD.3669	PL.27502	C	12T	7.18Y	119.6	0.00	5.37	2.39	0	17	4	97	0.00	0.0	3.223	0.005	0	0	0	3
PL.27503	PD.3669	C	#4 ACSR	7.18Y	119.6	0.01	5.38	2.39	2	17	4	97	0.00	0.0	3.278	0.055	0	0	0	3
PL.26958	PL.27503	C	#4 ACSR	7.18Y	119.6	0.00	5.38	0.72	1	5	1	98	0.00	0.0	3.305	0.027	5	1	1	1
PL.26261	PL.27503	C	#1/0 ACSR	7.18Y	119.6	0.00	5.38	1.66	1	12	3	97	0.00	0.0	3.414	0.135	4	1	1	2
PL.26262	PL.26261	C	#1/0 ACSR	7.18Y	119.6	0.00	5.39	1.04	0	7	2	96	0.00	0.0	3.463	0.050	7	2	1	1
PL.26607	PL.26956	ABC	336 MCM AC	7.17Y	119.5	0.09	5.46	152.49	29	3161	890	96	1.50	0.0	3.295	0.077	0	0	0	950
PL.27788	PL.26607	A	#4 ACSR	7.17Y	119.5	0.00	5.46	0.74	1	5	1	98	0.00	0.0	3.300	0.005	0	0	0	1

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

Balanced Voltage Drop Report
Source: Rice Station

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.3816	PL.27788	A	40T	7.17Y	119.5	0.00	5.46	0.74	0	5	1	98	0.00	0.0	3.300	0.005	0	0	0	1
PL.27789	PD.3816	A	#1/0 ACSR	7.17Y	119.5	0.00	5.46	0.74	0	5	1	98	0.00	0.0	3.332	0.032	5	1	1	1
PL.27504	PL.26607	C	#4 ACSR	7.17Y	119.5	0.00	5.46	1.37	1	10	2	98	0.00	0.0	3.300	0.005	0	0	0	1
PD.3670	PL.27504	C	40T	7.17Y	119.5	0.00	5.46	1.37	0	10	2	98	0.00	0.0	3.300	0.005	0	0	0	1
PL.27505	PD.3670	C	#1/0 ACSR	7.17Y	119.5	0.00	5.46	1.37	1	10	2	98	0.00	0.0	3.326	0.026	10	2	1	1
PL.27790	PL.26607	ABC	336 MCM AC	7.17Y	119.5	0.01	5.47	151.79	29	3145	883	96	0.09	0.0	3.300	0.004	0	0	0	948
PL.27791	PL.27790	ABC	336 MCM AC	7.17Y	119.4	0.09	5.56	151.79	29	3144	882	96	1.55	0.0	3.379	0.080	0	0	0	948
PL.27080	PL.27791	ABC	336 MCM AC	7.16Y	119.4	0.09	5.64	144.39	28	2989	840	96	1.39	0.0	3.459	0.080	14	3	9	903
PL.27081	PL.27080	ABC	336 MCM AC	7.15Y	119.2	0.14	5.79	143.73	28	2973	833	96	2.33	0.1	3.593	0.134	0	0	0	894
PL.26960	PL.27081	ABC	336 MCM AC	7.15Y	119.2	0.00	5.79	143.73	28	2971	828	96	0.03	0.0	3.594	0.002	0	0	0	894
PL.26615	PL.26960	ABC	336 MCM AC	7.14Y	119.1	0.16	5.95	140.30	27	2900	810	96	2.57	0.1	3.749	0.155	0	0	0	858
PL.26768	PL.26615	ABC	336 MCM AC	7.14Y	119.0	0.08	6.03	140.30	27	2897	804	96	1.34	0.0	3.830	0.081	0	0	0	858
PL.27858	PL.26768	ABC	#1/0 ACSR	7.14Y	119.0	0.01	6.05	30.67	13	636	162	97	0.06	0.0	3.854	0.024	0	0	0	173
PD.3848	PL.27858	ABC	50L	7.14Y	119.0	0.00	6.05	30.67	61	636	162	97	0.00	0.0	3.854	0.024	0	0	0	173
PL.27859	PD.3848	ABC	#1/0 ACSR	7.14Y	118.9	0.02	6.06	30.67	13	636	162	97	0.07	0.0	3.882	0.028	11	3	3	173
PL.27107	PL.27859	ABC	#1/0 ACSR	7.14Y	118.9	0.02	6.08	30.12	13	625	159	97	0.09	0.0	3.918	0.036	5	1	1	170
PL.27106	PL.27107	ABC	#1/0 ACSR	7.13Y	118.9	0.04	6.12	29.88	13	620	158	97	0.17	0.0	3.992	0.074	12	3	2	169
PL.26617	PL.27106	ABC	#1/0 ACSR	7.13Y	118.8	0.05	6.17	28.65	12	594	151	97	0.21	0.0	4.086	0.095	0	0	0	165
PL.26618	PL.26617	ABC	#1/0 ACSR	7.13Y	118.8	0.04	6.21	28.43	12	589	150	97	0.18	0.0	4.173	0.086	7	2	1	164
PL.26619	PL.26618	ABC	#1/0 ACSR	7.13Y	118.8	0.03	6.25	27.71	12	574	146	97	0.14	0.0	4.242	0.069	0	0	0	157
PL.26746	PL.26619	ABC	#1/0 ACSR	7.13Y	118.8	0.00	6.25	27.71	12	574	146	97	0.01	0.0	4.246	0.004	0	0	0	157
PL.26745	PL.26746	ABC	#1/0 ACSR	7.12Y	118.7	0.00	6.25	27.71	12	574	146	97	0.02	0.0	4.255	0.009	0	0	0	157
PL.27108	PL.26745	ABC	#1/0 ACSR	7.12Y	118.7	0.09	6.34	27.71	12	574	146	97	0.38	0.1	4.441	0.186	5	1	1	157
PL.27109	PL.27108	ABC	#1/0 ACSR	7.12Y	118.6	0.02	6.37	27.45	12	568	144	97	0.09	0.0	4.488	0.047	4	1	1	156
PL.26620	PL.27109	ABC	#1/0 ACSR	7.12Y	118.6	0.02	6.39	26.83	12	555	141	97	0.09	0.0	4.535	0.046	0	0	0	154
PL.27532	PL.26620	ABC	#1/0 ACSR	7.11Y	118.6	0.04	6.43	26.25	11	543	138	97	0.15	0.0	4.619	0.084	0	0	0	153
PL.27533	PL.27532	ABC	#1/0 ACSR	7.11Y	118.6	0.00	6.43	26.25	11	543	138	97	0.01	0.0	4.623	0.004	4	1	1	153
PL.27530	PL.27533	B	6 A (CWC)	7.11Y	118.6	0.00	6.43	1.44	1	10	2	98	0.00	0.0	4.628	0.005	0	0	0	2
PD.3683	PL.27530	B	20T	7.11Y	118.6	0.00	6.43	1.44	0	10	2	98	0.00	0.0	4.628	0.005	0	0	0	2
PL.27531	PD.3683	B	6 A (CWC)	7.11Y	118.6	0.00	6.43	1.44	1	10	2	98	0.00	0.0	4.697	0.069	10	2	2	2
PL.27804	PL.27533	A	6 A (CWC)	7.11Y	118.6	0.00	6.43	0.20	0	1	0	100	0.00	0.0	4.628	0.005	0	0	0	1

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Balanced Voltage Drop Report
Source: Rice Station

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.3823	PL.27804	A	25T	7.11Y	118.6	0.00	6.43	0.20	0	1	0	100	0.00	0.0	4.628	0.005	0	0	0	1
PL.27805	PD.3823	A	6 A (CWC)	7.11Y	118.6	0.00	6.43	0.20	0	1	0	100	0.00	0.0	4.690	0.062	1	0	1	1
PL.26621	PL.27533	ABC	#1/0 ACSR	7.11Y	118.5	0.02	6.45	25.50	11	528	134	97	0.08	0.0	4.671	0.048	4	1	1	149
PL.27110	PL.26621	ABC	#1/0 ACSR	7.11Y	118.5	0.06	6.51	24.32	11	503	127	97	0.20	0.0	4.802	0.131	11	3	3	145
PL.27111	PL.27110	ABC	#1/0 ACSR	7.11Y	118.5	0.04	6.55	23.76	10	491	124	97	0.15	0.0	4.902	0.100	0	0	1	142
PL.27112	PL.27111	ABC	#1/0 ACSR	7.11Y	118.4	0.03	6.58	23.76	10	491	124	97	0.09	0.0	4.966	0.064	17	4	2	141
PL.27872	PL.27112	ABC	#1/0 ACSR	7.10Y	118.4	0.02	6.60	22.00	10	455	115	97	0.08	0.0	5.028	0.062	0	0	0	136
RG.31	PL.27872	ABC	76.2 KVA	7.48Y	124.6	-6.23	0.37	22.00	22	455	115	97	percent Boost= 5.00			Tap= 8.0				136
PL.27873	RG.31	ABC	#1/0 ACSR	7.47Y	124.6	0.06	0.43	20.90	9	455	115	97	0.19	0.0	5.190	0.162	0	0	0	136
PL.26622	PL.27873	ABC	#1/0 ACSR	7.47Y	124.5	0.02	0.45	19.27	8	419	106	97	0.06	0.0	5.252	0.062	0	0	0	126
PL.27552	PL.26622	C	6 A (CWC)	7.47Y	124.5	0.00	0.45	0.31	0	2	1	89	0.00	0.0	5.257	0.005	0	0	0	4
PD.3693	PL.27552	C	20T	7.47Y	124.5	0.00	0.45	0.31	0	2	1	89	0.00	0.0	5.257	0.005	0	0	0	4
PL.27553	PD.3693	C	6 A (CWC)	7.47Y	124.5	0.00	0.45	0.31	0	2	1	89	0.00	0.0	5.307	0.050	2	1	4	4
PL.26623	PL.26622	ABC	#1/0 ACSR	7.47Y	124.5	0.05	0.50	19.17	8	417	105	97	0.14	0.0	5.394	0.142	0	0	0	122
PL.27806	PL.26623	C	6 A (CWC)	7.47Y	124.5	0.00	0.50	3.67	3	27	7	97	0.00	0.0	5.399	0.005	0	0	0	11
PD.3824	PL.27806	C	20T	7.47Y	124.5	0.00	0.50	3.67	0	27	7	97	0.00	0.0	5.399	0.005	0	0	0	11
PL.27807	PD.3824	C	6 A (CWC)	7.47Y	124.5	0.01	0.51	3.67	3	27	7	97	0.00	0.0	5.439	0.040	10	3	5	11
PL.26875	PL.27807	C	6 A (CWC)	7.47Y	124.5	0.01	0.52	2.22	2	16	4	97	0.00	0.0	5.578	0.139	0	0	0	6
PL.26318	PL.26875	C	#4 ACSR	7.47Y	124.5	0.00	0.52	2.22	2	16	4	97	0.00	0.0	5.665	0.087	16	4	6	6
PL.26966	PL.26623	ABC	#1/0 ACSR	7.47Y	124.4	0.06	0.56	17.88	8	388	98	97	0.16	0.0	5.577	0.183	0	0	0	110
PL.26967	PL.26966	ABC	#1/0 ACSR	7.46Y	124.4	0.05	0.61	17.87	8	388	98	97	0.13	0.0	5.730	0.153	4	1	1	109
PL.26624	PL.26967	ABC	#1/0 ACSR	7.46Y	124.4	0.02	0.62	17.33	8	376	95	97	0.04	0.0	5.780	0.050	7	2	2	103
PL.26625	PL.26624	ABC	#1/0 ACSR	7.46Y	124.4	0.01	0.63	16.24	7	352	89	97	0.02	0.0	5.816	0.036	1	0	1	98
PL.27562	PL.26625	C	6 A (CWC)	7.46Y	124.4	0.00	0.63	11.21	8	81	20	97	0.00	0.0	5.820	0.005	0	0	0	17
PD.3698	PL.27562	C	20T	7.46Y	124.4	0.00	0.63	11.21	0	81	20	97	0.00	0.0	5.820	0.005	0	0	0	17
PL.27563	PD.3698	C	6 A (CWC)	7.46Y	124.4	0.01	0.64	11.21	8	81	20	97	0.01	0.0	5.841	0.021	8	2	1	17
PL.26883	PL.27563	C	6 A (CWC)	7.46Y	124.3	0.07	0.71	10.06	7	73	18	97	0.04	0.1	5.992	0.151	0	0	0	16
PL.26770	PL.26883	C	6 A (CWC)	7.45Y	124.2	0.07	0.78	10.06	7	73	18	97	0.04	0.0	6.140	0.147	0	0	0	16
PL.26319	PL.26770	C	6 A (CWC)	7.45Y	124.2	0.01	0.79	6.12	4	44	11	97	0.00	0.0	6.181	0.041	0	0	0	11
PL.26773	PL.26319	C	6 A (CWC)	7.45Y	124.2	0.04	0.83	6.12	4	44	11	97	0.01	0.0	6.336	0.156	2	0	1	11
PL.26878	PL.26773	C	#4 ACSR	7.45Y	124.2	0.01	0.84	5.87	5	42	11	97	0.00	0.0	6.362	0.026	8	2	2	10

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Balanced Voltage Drop Report
Source: Rice Station

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.26879	PL.26878	C	#4 ACSR	7.45Y	124.1	0.01	0.85	4.83	4	35	9	97	0.00	0.0	6.419	0.057	0	0	0	8
PL.26353	PL.26879	C	#4 ACSR	7.45Y	124.1	0.00	0.85	0.87	1	6	2	95	0.00	0.0	6.464	0.046	6	2	1	1
PL.26876	PL.26879	C	#4 ACSR	7.45Y	124.1	0.01	0.86	3.96	3	29	7	97	0.00	0.0	6.481	0.062	4	1	1	7
PL.26877	PL.26876	C	#4 ACSR	7.45Y	124.1	0.00	0.87	3.45	3	25	6	97	0.00	0.0	6.496	0.015	0	0	0	6
PL.26627	PL.26877	C	#4 ACSR	7.45Y	124.1	0.01	0.88	1.89	1	14	3	98	0.00	0.0	6.630	0.134	0	0	0	5
PL.26774	PL.26627	C	#4 ACSR	7.45Y	124.1	0.00	0.88	1.89	1	14	3	98	0.00	0.0	6.685	0.055	0	0	0	5
PL.27115	PL.26774	C	#4 ACSR	7.45Y	124.1	0.00	0.88	0.44	0	3	1	95	0.00	0.0	6.775	0.090	2	0	1	2
PL.27116	PL.27115	C	#4 ACSR	7.45Y	124.1	0.00	0.88	0.20	0	1	0	100	0.00	0.0	6.856	0.081	1	0	1	1
PL.26352	PL.26774	C	#4 ACSR	7.45Y	124.1	0.01	0.89	1.45	1	10	3	96	0.00	0.0	6.814	0.129	0	0	0	3
PL.26775	PL.26352	C	#4 ACSR	7.45Y	124.1	0.01	0.90	1.45	1	10	3	96	0.00	0.0	6.957	0.143	0	0	0	3
PL.26351	PL.26775	C	#2 ACSR	7.45Y	124.1	0.00	0.90	0.04	0	0	0	100	0.00	0.0	7.014	0.057	0	0	1	1
PL.26852	PL.26775	C	#1/0 ACSR	7.45Y	124.1	0.00	0.90	1.41	1	10	3	96	0.00	0.0	7.006	0.049	10	3	1	2
PL.26853	PL.26852	C	#1/0 ACSR	7.45Y	124.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	7.040	0.034	0	0	1	1
PL.26354	PL.26877	C	#4 ACSR	7.45Y	124.1	0.00	0.87	1.56	1	11	3	96	0.00	0.0	6.560	0.065	11	3	1	1
PL.26626	PL.26770	C	6 A (CWC)	7.45Y	124.2	0.03	0.81	3.94	3	28	7	97	0.01	0.0	6.312	0.172	0	0	0	5
PL.26884	PL.26626	C	6 A (CWC)	7.45Y	124.2	0.00	0.81	0.84	1	6	2	95	0.00	0.0	6.348	0.036	0	0	1	2
PL.26885	PL.26884	C	6 A (CWC)	7.45Y	124.2	0.00	0.81	0.79	1	6	1	99	0.00	0.0	6.372	0.024	6	1	1	1
PL.26356	PL.26626	C	6 A (CWC)	7.45Y	124.2	0.02	0.83	2.48	2	18	4	98	0.00	0.0	6.472	0.160	0	0	0	2
PL.26771	PL.26356	C	6 A (CWC)	7.45Y	124.2	0.02	0.85	2.48	2	18	4	98	0.00	0.0	6.614	0.142	0	0	0	2
PL.26772	PL.26771	C	6 A (CWC)	7.45Y	124.1	0.01	0.86	2.48	2	18	4	98	0.00	0.0	6.714	0.100	0	0	0	2
PL.26357	PL.26772	C	#4 ACSR	7.45Y	124.1	0.00	0.86	0.88	1	6	2	95	0.00	0.0	6.772	0.058	6	2	1	1
PL.26886	PL.26772	C	6 A (CWC)	7.45Y	124.1	0.01	0.86	1.60	1	12	3	97	0.00	0.0	6.892	0.178	12	3	1	1
PL.26887	PL.26886	C	6 A (CWC)	7.45Y	124.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	7.078	0.186	0	0	0	0
PL.26355	PL.26626	C	#4 ACSR	7.45Y	124.2	0.00	0.81	0.63	0	5	1	98	0.00	0.0	6.356	0.044	5	1	1	1
PL.26880	PL.26625	ABC	#1/0 ACSR	7.46Y	124.4	0.01	0.64	12.47	5	271	68	97	0.02	0.0	5.858	0.042	2	0	1	80
PL.26881	PL.26880	ABC	#1/0 ACSR	7.46Y	124.3	0.02	0.66	12.40	5	269	68	97	0.03	0.0	5.937	0.079	0	0	0	79
PL.26968	PL.26881	ABC	#1/0 ACSR	7.46Y	124.3	0.02	0.68	12.39	5	269	68	97	0.04	0.0	6.043	0.105	0	0	0	78
PL.27564	PL.26968	C	6 A (CWC)	7.46Y	124.3	0.00	0.68	1.26	1	9	2	98	0.00	0.0	6.047	0.005	0	0	0	2
PD.3699	PL.27564	C	25T	7.46Y	124.3	0.00	0.68	1.26	0	9	2	98	0.00	0.0	6.047	0.005	0	0	0	2
PL.27565	PD.3699	C	6 A (CWC)	7.46Y	124.3	0.00	0.68	1.26	1	9	2	98	0.00	0.0	6.096	0.048	9	2	2	2
PL.26628	PL.26968	ABC	#1/0 ACSR	7.46Y	124.3	0.02	0.71	11.97	5	260	65	97	0.04	0.0	6.152	0.109	0	0	0	76

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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.26776	PL.26628	ABC	#1/0 ACSR	7.46Y	124.3	0.02	0.73	11.97	5	260	65	97	0.04	0.0	6.265	0.113	10	3	2	76
PL.26322	PL.26776	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.75	10.89	5	236	59	97	0.04	0.0	6.379	0.115	0	0	0	71
PL.27574	PL.26322	A	6 A (CWC)	7.45Y	124.2	0.00	0.75	1.10	1	8	2	97	0.00	0.0	6.384	0.005	0	0	0	2
PD.3705	PL.27574	A	12T	7.45Y	124.2	0.00	0.75	1.10	0	8	2	97	0.00	0.0	6.384	0.005	0	0	0	2
PL.27575	PD.3705	A	6 A (CWC)	7.45Y	124.2	0.01	0.76	1.10	1	8	2	97	0.00	0.0	6.542	0.158	2	0	1	2
PL.26888	PL.27575	A	6 A (CWC)	7.45Y	124.2	0.00	0.76	0.85	1	6	2	95	0.00	0.0	6.599	0.057	6	2	1	1
PL.27117	PL.26322	ABC	#1/0 ACSR	7.45Y	124.2	0.01	0.77	10.52	5	228	57	97	0.02	0.0	6.462	0.083	14	4	2	69
PL.27118	PL.27117	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.78	9.87	4	214	54	97	0.03	0.0	6.564	0.102	0	0	0	67
PL.26778	PL.27118	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.81	9.87	4	214	54	97	0.03	0.0	6.697	0.132	22	6	4	67
PL.27570	PL.26778	B	#4 ACSR	7.45Y	124.2	0.00	0.81	1.18	1	9	2	98	0.00	0.0	6.701	0.005	0	0	0	1
PD.3702	PL.27570	B	20T	7.45Y	124.2	0.00	0.81	1.18	0	9	2	98	0.00	0.0	6.701	0.005	0	0	0	1
PL.27571	PD.3702	B	#4 ACSR	7.45Y	124.2	0.00	0.81	1.18	1	9	2	98	0.00	0.0	6.739	0.038	9	2	1	1
PL.26971	PL.26778	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.82	8.45	4	183	46	97	0.02	0.0	6.820	0.123	0	0	0	62
PL.26972	PL.26971	ABC	#1/0 ACSR	7.45Y	124.2	0.00	0.83	8.45	4	183	46	97	0.00	0.0	6.824	0.005	0	0	0	62
PL.27842	PL.26972	C	6 A (CWC)	7.45Y	124.2	0.02	0.84	11.85	8	86	22	97	0.01	0.0	6.853	0.028	0	0	0	36
PD.3841	PL.27842	C	35L	7.45Y	124.2	0.00	0.84	11.85	34	86	22	97	0.00	0.0	6.853	0.028	0	0	0	36
PL.27843	PD.3841	C	6 A (CWC)	7.45Y	124.1	0.05	0.89	11.85	8	86	22	97	0.03	0.0	6.950	0.097	8	2	4	36
PL.27119	PL.27843	C	#4 ACSR	7.45Y	124.1	0.00	0.90	2.00	2	14	4	96	0.00	0.0	7.019	0.069	6	2	2	4
PL.27120	PL.27119	C	#4 ACSR	7.45Y	124.1	0.00	0.90	1.11	1	8	2	97	0.00	0.0	7.041	0.022	8	2	2	2
PL.26335	PL.27843	C	6 A (CWC)	7.44Y	124.1	0.04	0.93	8.73	6	63	16	97	0.02	0.0	7.057	0.107	3	1	1	28
PL.26973	PL.26335	C	6 A (CWC)	7.44Y	124.1	0.01	0.94	0.86	1	6	2	95	0.00	0.0	7.240	0.182	0	0	0	2
PL.26337	PL.26973	C	6 A (CWC)	7.44Y	124.1	0.00	0.94	0.86	1	6	2	95	0.00	0.0	7.421	0.181	6	1	1	2
PL.26338	PL.26337	C	6 A (CWC)	7.44Y	124.1	0.00	0.94	0.09	0	1	0	100	0.00	0.0	7.498	0.077	1	0	1	1
PL.26889	PL.26338	C	#4 ACSR	7.44Y	124.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	7.651	0.153	0	0	0	0
PL.26890	PL.26889	C	#4 ACSR	7.44Y	124.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	7.781	0.129	0	0	0	0
PL.26974	PL.26973	C	6 A (CWC)	7.44Y	124.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	7.317	0.078	0	0	0	0
PL.26336	PL.26335	C	6 A (CWC)	7.44Y	124.0	0.03	0.96	7.50	5	54	14	97	0.01	0.0	7.141	0.084	0	0	0	25
PL.27121	PL.26336	C	6 A (CWC)	7.44Y	124.0	0.03	0.99	6.69	5	48	12	97	0.01	0.0	7.229	0.088	0	0	1	23
PL.27122	PL.27121	C	6 A (CWC)	7.44Y	124.0	0.03	1.01	6.68	5	48	12	97	0.01	0.0	7.317	0.088	0	0	0	22
PL.26779	PL.27122	C	6 A (CWC)	7.44Y	124.0	0.03	1.05	6.68	5	48	12	97	0.01	0.0	7.426	0.109	0	0	0	22
PL.26340	PL.26779	C	#4 ACSR	7.44Y	124.0	0.00	1.05	0.46	0	3	1	95	0.00	0.0	7.478	0.052	3	1	2	2

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Balanced Voltage Drop Report
Source: Rice Station

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.27123	PL.26779	C	6 A (CWC)	7.44Y	123.9	0.03	1.07	5.31	4	38	10	97	0.01	0.0	7.541	0.115	1	0	2	19
PL.27124	PL.27123	C	6 A (CWC)	7.43Y	123.9	0.02	1.09	5.13	4	37	9	97	0.00	0.0	7.617	0.076	0	0	0	17
PL.26631	PL.27124	C	6 A (CWC)	7.43Y	123.9	0.01	1.11	3.62	3	26	7	97	0.00	0.0	7.697	0.080	0	0	1	16
PL.26343	PL.26631	C	#1/0 ACSR	7.43Y	123.9	0.00	1.11	0.26	0	2	0	100	0.00	0.0	7.766	0.068	2	0	1	1
PL.27198	PL.26631	C	6 A (CWC)	7.43Y	123.9	0.01	1.12	3.35	2	24	6	97	0.00	0.0	7.767	0.070	2	1	1	14
PL.27199	PL.27198	C	6 A (CWC)	7.43Y	123.9	0.01	1.12	3.03	2	22	5	98	0.00	0.0	7.815	0.048	0	0	0	13
PL.26344	PL.27199	C	#2 ACSR	7.43Y	123.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	7.956	0.141	0	0	0	0
PL.26632	PL.27199	C	6 A (CWC)	7.43Y	123.9	0.01	1.13	3.03	2	22	5	98	0.00	0.0	7.888	0.073	1	0	1	13
PL.26346	PL.26632	C	6 A (CWC)	7.43Y	123.9	0.00	1.13	0.19	0	1	0	100	0.00	0.0	7.929	0.041	0	0	0	3
PL.27195	PL.26346	C	6 A (CWC)	7.43Y	123.9	0.00	1.13	0.00	0	0	0	100	0.00	0.0	7.993	0.065	0	0	1	2
PL.27196	PL.27195	C	6 A (CWC)	7.43Y	123.9	0.00	1.13	0.00	0	0	0	100	0.00	0.0	8.056	0.062	0	0	1	1
PL.26347	PL.26346	C	#4 ACSR	7.43Y	123.9	0.00	1.13	0.19	0	1	0	100	0.00	0.0	7.971	0.042	1	0	1	1
PL.26345	PL.26632	C	#4 ACSR	7.43Y	123.9	0.00	1.14	1.74	1	13	3	97	0.00	0.0	7.947	0.059	3	1	2	7
PL.26348	PL.26345	C	#1/0 ACSR	7.43Y	123.9	0.00	1.14	0.98	0	7	2	96	0.00	0.0	8.046	0.099	2	0	1	3
PL.26633	PL.26348	C	#1/0 ACSR	7.43Y	123.9	0.00	1.14	0.09	0	1	0	100	0.00	0.0	8.077	0.031	1	0	1	1
PL.26349	PL.26348	C	#4 ACSR	7.43Y	123.9	0.00	1.14	0.64	0	5	1	98	0.00	0.0	8.083	0.037	5	1	1	1
PL.27624	PL.26345	C	#1/0 ACSR	7.43Y	123.9	0.00	1.14	0.37	0	3	1	95	0.00	0.0	7.952	0.005	0	0	0	2
PD.3730	PL.27624	C	15T	7.43Y	123.9	0.00	1.14	0.37	0	3	1	95	0.00	0.0	7.952	0.005	0	0	0	2
PL.27625	PD.3730	C	#1/0 ACSR	7.43Y	123.9	0.00	1.14	0.37	0	3	1	95	0.00	0.0	8.073	0.121	1	0	1	2
PL.27197	PL.27625	C	#1/0 ACSR	7.43Y	123.9	0.00	1.14	0.16	0	1	0	100	0.00	0.0	8.124	0.051	1	0	1	1
PL.26350	PL.26632	C	#2 ACSR	7.43Y	123.9	0.00	1.13	0.91	1	7	2	96	0.00	0.0	7.936	0.048	7	2	2	2
PL.26342	PL.27124	C	#1/0 ACSR	7.43Y	123.9	0.00	1.09	1.51	1	11	3	96	0.00	0.0	7.693	0.076	11	3	1	1
PL.26341	PL.26779	C	#4 ACSR	7.44Y	124.0	0.00	1.05	0.92	1	7	2	96	0.00	0.0	7.510	0.084	7	2	1	1
PL.26339	PL.26336	C	6 A (CWC)	7.44Y	124.0	0.00	0.96	0.81	1	6	1	99	0.00	0.0	7.219	0.078	6	1	2	2
PL.65840	PL.26972	C	#1/0 ACSR	7.45Y	124.2	0.00	0.83	0.87	0	6	2	95	0.00	0.0	6.876	0.051	6	2	1	1
PL.26630	PL.26972	ABC	#1/0 ACSR	7.45Y	124.2	0.00	0.83	3.06	1	66	17	97	0.00	0.0	6.891	0.067	3	1	1	21
PL.27572	PL.26630	A	6 A (CWC)	7.45Y	124.2	0.00	0.83	8.84	6	64	16	97	0.00	0.0	6.896	0.005	0	0	0	20
PD.3704	PL.27572	A	20T	7.45Y	124.2	0.00	0.83	8.84	0	64	16	97	0.00	0.0	6.896	0.005	0	0	0	20
PL.27573	PD.3704	A	6 A (CWC)	7.45Y	124.2	0.01	0.84	8.84	6	64	16	97	0.01	0.0	6.931	0.035	3	1	2	20
PL.27194	PL.27573	A	6 A (CWC)	7.45Y	124.1	0.02	0.86	8.46	6	61	15	97	0.01	0.0	6.987	0.056	8	2	2	18
PL.26634	PL.27194	A	6 A (CWC)	7.45Y	124.1	0.02	0.88	6.83	5	49	12	97	0.01	0.0	7.052	0.065	0	0	0	14

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Balanced Voltage Drop Report
Source: Rice Station

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.27192	PL.26634	A	6 A (CWC)	7.45Y	124.1	0.01	0.89	6.56	5	47	12	97	0.00	0.0	7.089	0.037	6	2	1	13
PL.27193	PL.27192	A	6 A (CWC)	7.45Y	124.1	0.01	0.91	5.72	4	41	10	97	0.00	0.0	7.147	0.059	3	1	1	12
PL.27191	PL.27193	A	6 A (CWC)	7.44Y	124.1	0.01	0.92	5.30	4	38	10	97	0.00	0.0	7.186	0.038	6	2	1	11
PL.27190	PL.27191	A	6 A (CWC)	7.44Y	124.1	0.00	0.92	4.42	3	32	8	97	0.00	0.0	7.201	0.016	0	0	1	10
PL.26329	PL.27190	A	#2 ACSR	7.44Y	124.1	0.00	0.92	0.27	0	2	0	100	0.00	0.0	7.266	0.064	2	0	1	1
PL.27188	PL.27190	A	6 A (CWC)	7.44Y	124.1	0.01	0.93	4.15	3	30	8	97	0.00	0.0	7.249	0.048	0	0	1	8
PL.27189	PL.27188	A	6 A (CWC)	7.44Y	124.1	0.01	0.94	4.15	3	30	8	97	0.00	0.0	7.306	0.057	0	0	1	7
PL.26330	PL.27189	A	#4 ACSR	7.44Y	124.1	0.00	0.94	0.16	0	1	0	100	0.00	0.0	7.371	0.065	1	0	1	1
PL.26331	PL.27189	A	6 A (CWC)	7.44Y	124.1	0.01	0.95	3.99	3	29	7	97	0.00	0.0	7.345	0.039	0	0	0	5
PL.26635	PL.26331	A	6 A (CWC)	7.44Y	124.0	0.00	0.95	1.80	1	13	3	97	0.00	0.0	7.402	0.057	3	1	1	3
PL.26333	PL.26635	A	6 A (CWC)	7.44Y	124.0	0.01	0.96	1.38	1	10	3	96	0.00	0.0	7.510	0.108	0	0	0	2
PL.26334	PL.26333	A	6 A (CWC)	7.44Y	124.0	0.00	0.96	1.38	1	10	3	96	0.00	0.0	7.569	0.059	10	3	2	2
PL.26636	PL.26333	A	6 A (CWC)	7.44Y	124.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	7.573	0.063	0	0	0	0
PL.26332	PL.26331	A	#2 ACSR	7.44Y	124.1	0.00	0.95	2.19	1	16	4	97	0.00	0.0	7.401	0.056	16	4	2	2
PL.26328	PL.26634	A	6 A (CWC)	7.45Y	124.1	0.00	0.88	0.27	0	2	0	100	0.00	0.0	7.115	0.064	2	0	1	1
PL.26327	PL.27194	A	#4 ACSR	7.45Y	124.1	0.00	0.86	0.50	0	4	1	97	0.00	0.0	7.013	0.026	4	1	2	2
PL.26326	PL.26972	A	#4 ACSR	7.45Y	124.2	0.00	0.83	3.44	3	25	6	97	0.00	0.0	6.828	0.004	0	0	0	4
PD.3703	PL.26326	A	10T	7.45Y	124.2	0.00	0.83	3.44	0	25	6	97	0.00	0.0	6.828	0.004	0	0	0	4
PL.26325	PD.3703	A	6 A (CWC)	7.45Y	124.2	0.00	0.83	0.24	0	2	0	100	0.00	0.0	6.878	0.050	2	0	1	1
PL.26629	PD.3703	A	#4 ACSR	7.45Y	124.2	0.01	0.83	3.20	2	23	6	97	0.00	0.0	6.910	0.082	23	6	3	3
PL.27568	PL.26776	A	6 A (CWC)	7.46Y	124.3	0.00	0.73	1.86	1	13	3	97	0.00	0.0	6.269	0.004	0	0	0	3
PD.3701	PL.27568	A	25T	7.46Y	124.3	0.00	0.73	1.86	0	13	3	97	0.00	0.0	6.269	0.004	0	0	0	3
PL.27569	PD.3701	A	6 A (CWC)	7.46Y	124.3	0.01	0.74	1.86	1	13	3	97	0.00	0.0	6.370	0.102	0	0	1	3
PL.26882	PL.27569	A	6 A (CWC)	7.46Y	124.3	0.01	0.75	1.81	1	13	3	97	0.00	0.0	6.470	0.100	0	0	0	2
PL.26777	PL.26882	A	6 A (CWC)	7.45Y	124.2	0.01	0.75	1.81	1	13	3	97	0.00	0.0	6.568	0.097	0	0	0	2
PL.26324	PL.26777	A	#2 ACSR	7.45Y	124.2	0.00	0.75	1.10	1	8	2	97	0.00	0.0	6.625	0.057	8	2	1	1
PL.26323	PL.26777	A	#1/0 ACSR	7.45Y	124.2	0.00	0.75	0.71	0	5	1	98	0.00	0.0	6.609	0.042	5	1	1	1
PL.66159	PL.26776	C	#2 ACSR	7.46Y	124.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	6.268	0.004	0	0	0	0
PD.9997	PL.66159	C	25T	7.46Y	124.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	6.268	0.004	0	0	0	0
PL.66160	PD.9997	C	#2 ACSR	7.46Y	124.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	6.442	0.173	0	0	0	0
PL.27566	PL.26881	B	#2 ACSR	7.46Y	124.3	0.00	0.66	0.01	0	0	0	100	0.00	0.0	5.942	0.005	0	0	0	1

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Balanced Voltage Drop Report
Source: Rice Station

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.3700	PL.27566	B	25T	7.46Y	124.3	0.00	0.66	0.01	0	0	0	100	0.00	0.0	5.942	0.005	0	0	0	1
PL.27567	PD.3700	B	#2 ACSR	7.46Y	124.3	0.00	0.66	0.01	0	0	0	100	0.00	0.0	5.991	0.049	0	0	1	1
PL.27558	PL.26624	C	#4 ACSR	7.46Y	124.4	0.00	0.62	2.26	2	16	4	97	0.00	0.0	5.785	0.005	0	0	0	3
PD.3696	PL.27558	C	25T	7.46Y	124.4	0.00	0.62	2.26	0	16	4	97	0.00	0.0	5.785	0.005	0	0	0	3
PL.27559	PD.3696	C	#4 ACSR	7.46Y	124.4	0.00	0.62	2.26	2	16	4	97	0.00	0.0	5.830	0.046	16	4	3	3
PL.27560	PL.26967	A	6 A (CWC)	7.46Y	124.4	0.00	0.61	1.02	1	7	2	96	0.00	0.0	5.735	0.005	0	0	0	5
PD.3697	PL.27560	A	15T	7.46Y	124.4	0.00	0.61	1.02	0	7	2	96	0.00	0.0	5.735	0.005	0	0	0	5
PL.27561	PD.3697	A	6 A (CWC)	7.46Y	124.4	0.00	0.61	1.02	1	7	2	96	0.00	0.0	5.793	0.058	5	1	4	5
PL.26320	PL.27561	A	#4 ACSR	7.46Y	124.4	0.00	0.61	0.30	0	2	1	89	0.00	0.0	5.888	0.095	2	1	1	1
PL.27556	PL.26966	C	6 A (CWC)	7.47Y	124.4	0.00	0.56	0.01	0	0	0	100	0.00	0.0	5.582	0.005	0	0	0	1
PD.3695	PL.27556	C	20T	7.47Y	124.4	0.00	0.56	0.01	0	0	0	100	0.00	0.0	5.582	0.005	0	0	0	1
PL.27557	PD.3695	C	6 A (CWC)	7.47Y	124.4	0.00	0.56	0.01	0	0	0	100	0.00	0.0	5.644	0.062	0	0	1	1
PL.27554	PL.26623	B	6 A (CWC)	7.47Y	124.5	0.00	0.50	0.21	0	1	0	100	0.00	0.0	5.399	0.005	0	0	0	1
PD.3694	PL.27554	B	20T	7.47Y	124.5	0.00	0.50	0.21	0	1	0	100	0.00	0.0	5.399	0.005	0	0	0	1
PL.27555	PD.3694	B	6 A (CWC)	7.47Y	124.5	0.00	0.50	0.21	0	1	0	100	0.00	0.0	5.480	0.081	1	0	1	1
PL.26316	PL.27555	B	#2 ACSR	7.47Y	124.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	5.509	0.030	0	0	0	0
PL.27550	PL.27873	C	6 A (CWC)	7.47Y	124.6	0.00	0.43	4.89	3	35	9	97	0.00	0.0	5.195	0.005	0	0	0	10
PD.3692	PL.27550	C	20T	7.47Y	124.6	0.00	0.43	4.89	0	35	9	97	0.00	0.0	5.195	0.005	0	0	0	10
PL.27551	PD.3692	C	6 A (CWC)	7.47Y	124.5	0.03	0.46	4.89	3	35	9	97	0.01	0.0	5.322	0.128	0	0	0	10
PL.26769	PL.27551	C	6 A (CWC)	7.47Y	124.5	0.01	0.47	4.89	3	35	9	97	0.00	0.0	5.387	0.064	0	0	1	10
PL.26315	PL.26769	C	#2 ACSR	7.47Y	124.5	0.00	0.47	0.99	1	7	2	96	0.00	0.0	5.426	0.040	7	2	1	1
PL.27538	PL.26769	C	6 A (CWC)	7.47Y	124.5	0.00	0.47	1.54	1	11	3	96	0.00	0.0	5.391	0.004	0	0	0	7
PD.3686	PL.27538	C	20T	7.47Y	124.5	0.00	0.47	1.54	0	11	3	96	0.00	0.0	5.391	0.004	0	0	0	7
PL.27539	PD.3686	C	6 A (CWC)	7.47Y	124.5	0.01	0.48	1.54	1	11	3	96	0.00	0.0	5.548	0.157	10	2	2	7
PL.27113	PL.27539	C	6 A (CWC)	7.47Y	124.5	0.00	0.48	0.21	0	2	0	100	0.00	0.0	5.623	0.075	0	0	1	5
PL.27114	PL.27113	C	6 A (CWC)	7.47Y	124.5	0.00	0.48	0.21	0	2	0	100	0.00	0.0	5.748	0.125	0	0	2	4
PL.26969	PL.27114	C	6 A (CWC)	7.47Y	124.5	0.00	0.48	0.21	0	2	0	100	0.00	0.0	5.917	0.169	0	0	0	2
PL.26317	PL.26969	C	#1/0 ACSR	7.47Y	124.5	0.00	0.48	0.21	0	1	0	100	0.00	0.0	5.985	0.068	1	0	1	1
PL.26970	PL.26969	C	6 A (CWC)	7.47Y	124.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	6.102	0.185	0	0	1	1
PL.26314	PL.26769	C	6 A (CWC)	7.47Y	124.5	0.00	0.48	2.36	2	17	4	97	0.00	0.0	5.466	0.080	17	4	1	1
PL.27536	PL.27112	C	6 A (CWC)	7.11Y	118.4	0.00	6.58	2.74	2	19	5	97	0.00	0.0	4.970	0.005	0	0	0	3

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Balanced Voltage Drop Report
Source: Rice Station

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.3685	PL.27536	C	20T	7.11Y	118.4	0.00	6.58	2.74	0	19	5	97	0.00	0.0	4.970	0.005	0	0	0	3
PL.27537	PD.3685	C	6 A (CWC)	7.11Y	118.4	0.00	6.58	2.74	2	19	5	97	0.00	0.0	5.010	0.039	19	5	3	3
PL.27534	PL.26621	C	6 A (CWC)	7.11Y	118.5	0.00	6.45	2.94	2	20	5	97	0.00	0.0	4.676	0.005	0	0	0	3
PD.3684	PL.27534	C	25T	7.11Y	118.5	0.00	6.45	2.94	0	20	5	97	0.00	0.0	4.676	0.005	0	0	0	3
PL.27535	PD.3684	C	6 A (CWC)	7.11Y	118.5	0.00	6.45	2.94	2	20	5	97	0.00	0.0	4.712	0.036	20	5	3	3
PL.27528	PL.26620	C	#4 ACSR	7.12Y	118.6	0.00	6.39	1.73	1	12	3	97	0.00	0.0	4.539	0.005	0	0	0	1
PD.3682	PL.27528	C	25T	7.12Y	118.6	0.00	6.39	1.73	0	12	3	97	0.00	0.0	4.539	0.005	0	0	0	1
PL.27529	PD.3682	C	#4 ACSR	7.12Y	118.6	0.00	6.39	1.73	1	12	3	97	0.00	0.0	4.642	0.103	12	3	1	1
PL.26313	PL.27529	C	#4 ACSR	7.12Y	118.6	0.00	6.39	0.00	0	0	0	100	0.00	0.0	4.704	0.062	0	0	0	0
PL.27526	PL.27109	A	#4 ACSR	7.12Y	118.6	0.00	6.37	1.29	1	9	2	98	0.00	0.0	4.493	0.005	0	0	0	1
PD.3681	PL.27526	A	25T	7.12Y	118.6	0.00	6.37	1.29	0	9	2	98	0.00	0.0	4.493	0.005	0	0	0	1
PL.27527	PD.3681	A	#4 ACSR	7.12Y	118.6	0.00	6.37	1.29	1	9	2	98	0.00	0.0	4.607	0.114	9	2	1	1
CP.39	PL.26746	ABC	Cap (300)	7.13Y	118.8	0.00	6.25	0.00	0	0	0	100	0.00	0.0	4.246	0.114	0	0	0	0
PL.27524	PL.26618	C	6 A (CWC)	7.13Y	118.8	0.00	6.21	1.17	1	8	2	97	0.00	0.0	4.177	0.004	0	0	0	6
PD.3680	PL.27524	C	25T	7.13Y	118.8	0.00	6.21	1.17	0	8	2	97	0.00	0.0	4.177	0.004	0	0	0	6
PL.27525	PD.3680	C	6 A (CWC)	7.13Y	118.8	0.00	6.21	1.17	1	8	2	97	0.00	0.0	4.275	0.098	5	1	4	6
PL.26961	PL.27525	C	6 A (CWC)	7.13Y	118.8	0.00	6.22	0.34	0	2	1	89	0.00	0.0	4.333	0.058	2	1	1	1
PL.26312	PL.27525	C	#2 ACSR	7.13Y	118.8	0.00	6.21	0.10	0	1	0	100	0.00	0.0	4.316	0.042	1	0	1	1
PL.27522	PL.26617	A	#4 ACSR	7.13Y	118.8	0.00	6.17	0.66	1	5	1	98	0.00	0.0	4.091	0.005	0	0	0	1
PD.3679	PL.27522	A	20T	7.13Y	118.8	0.00	6.17	0.66	0	5	1	98	0.00	0.0	4.091	0.005	0	0	0	1
PL.27523	PD.3679	A	#4 ACSR	7.13Y	118.8	0.00	6.17	0.66	1	5	1	98	0.00	0.0	4.243	0.152	5	1	1	1
PL.27520	PL.27106	C	6 A (CWC)	7.13Y	118.9	0.00	6.12	1.89	1	13	3	97	0.00	0.0	3.996	0.005	0	0	0	2
PD.3678	PL.27520	C	25T	7.13Y	118.9	0.00	6.12	1.89	0	13	3	97	0.00	0.0	3.996	0.005	0	0	0	2
PL.27521	PD.3678	C	6 A (CWC)	7.13Y	118.9	0.00	6.12	1.89	1	13	3	97	0.00	0.0	4.093	0.097	13	3	2	2
PL.26283	PL.26768	ABC	336 MCM AC	7.14Y	118.9	0.05	6.08	109.64	21	2259	638	96	0.58	0.0	3.887	0.057	0	0	0	685
PL.27186	PL.26283	ABC	336 MCM AC	7.13Y	118.9	0.02	6.10	109.64	21	2259	637	96	0.26	0.0	3.913	0.026	7	2	1	685
PL.27187	PL.27186	ABC	336 MCM AC	7.13Y	118.8	0.10	6.20	109.28	21	2251	635	96	1.27	0.1	4.039	0.126	0	0	0	684
PL.27184	PL.27187	ABC	336 MCM AC	7.12Y	118.7	0.07	6.28	109.28	21	2250	632	96	0.91	0.0	4.129	0.090	5	1	2	684
PL.27185	PL.27184	ABC	336 MCM AC	7.12Y	118.6	0.11	6.38	109.05	21	2244	628	96	1.33	0.1	4.262	0.133	0	0	0	682
PL.27622	PL.27185	C	6 A (CWC)	7.12Y	118.6	0.00	6.38	0.60	0	4	1	97	0.00	0.0	4.267	0.005	0	0	0	3
PD.3729	PL.27622	C	10T	7.12Y	118.6	0.00	6.38	0.60	0	4	1	97	0.00	0.0	4.267	0.005	0	0	0	3

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Balanced Voltage Drop Report
Source: Rice Station

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.27623	PD.3729	C	6 A (CWC)	7.12Y	118.6	0.00	6.39	0.60	0	4	1	97	0.00	0.0	4.323	0.056	1	0	2	3
PL.27183	PL.27623	C	6 A (CWC)	7.12Y	118.6	0.00	6.39	0.41	0	3	1	95	0.00	0.0	4.391	0.068	3	1	1	1
PL.27832	PL.27185	ABC	336 MCM AC	7.11Y	118.6	0.06	6.45	108.85	21	2239	624	96	0.76	0.0	4.338	0.076	0	0	0	679
PD.3836-A	PL.27832	ABC	Closed	7.11Y	118.6	0.00	6.45	108.85	0	2238	622	96	0.00	0.0	4.338	0.076	0	0	0	679
PD.3836-B	PD.3836-A	ABC	Closed	7.11Y	118.6	0.00	6.45	108.85	0	2238	622	96	0.00	0.0	4.338	0.076	0	0	0	679
PL.27833	PD.3836-B	ABC	336 MCM AC	7.11Y	118.5	0.07	6.52	108.85	21	2238	622	96	0.90	0.0	4.429	0.091	0	0	0	679
PL.27620	PL.27833	A	#4 ACSR	7.11Y	118.5	0.00	6.52	0.28	0	2	0	100	0.00	0.0	4.434	0.005	0	0	0	1
PD.3728	PL.27620	A	65T	7.11Y	118.5	0.00	6.52	0.28	0	2	0	100	0.00	0.0	4.434	0.005	0	0	0	1
PL.27621	PD.3728	A	#4 ACSR	7.11Y	118.5	0.00	6.52	0.28	0	2	0	100	0.00	0.0	4.610	0.176	2	0	1	1
PL.26637	PL.27833	ABC	336 MCM AC	7.10Y	118.3	0.14	6.66	108.76	21	2235	620	96	1.70	0.1	4.600	0.171	0	0	0	678
PL.27181	PL.26637	ABC	336 MCM AC	7.10Y	118.3	0.09	6.75	108.11	21	2220	612	96	1.08	0.0	4.710	0.110	2	0	1	675
PL.27182	PL.27181	ABC	336 MCM AC	7.09Y	118.2	0.10	6.84	108.03	21	2217	609	96	1.20	0.1	4.832	0.122	0	0	0	674
PL.26639	PL.27182	ABC	336 MCM AC	7.09Y	118.1	0.04	6.88	107.78	21	2211	605	96	0.51	0.0	4.883	0.052	7	2	1	672
PL.27614	PL.26639	A	#1/0 ACSR	7.09Y	118.1	0.00	6.88	0.00	0	0	0	100	0.00	0.0	4.888	0.005	0	0	0	0
PD.3725	PL.27614	A	20T	7.09Y	118.1	0.00	6.88	0.00	0	0	0	100	0.00	0.0	4.888	0.005	0	0	0	0
PL.27615	PD.3725	A	#1/0 ACSR	7.09Y	118.1	0.00	6.88	0.00	0	0	0	100	0.00	0.0	4.949	0.061	0	0	0	0
PL.26640	PL.26639	ABC	336 MCM AC	7.08Y	118.1	0.03	6.92	107.45	21	2204	602	96	0.40	0.0	4.925	0.041	5	1	1	671
PL.27612	PL.26640	C	#2 ACSR	7.08Y	118.1	0.00	6.92	0.77	0	5	1	98	0.00	0.0	4.929	0.005	0	0	0	2
PD.3724	PL.27612	C	25T	7.08Y	118.1	0.00	6.92	0.77	0	5	1	98	0.00	0.0	4.929	0.005	0	0	0	2
PL.27613	PD.3724	C	#2 ACSR	7.08Y	118.1	0.00	6.92	0.77	0	5	1	98	0.00	0.0	4.966	0.037	5	1	2	2
PL.27808	PL.26640	A	6 A (CWC)	7.08Y	118.1	0.00	6.92	5.31	4	36	9	97	0.00	0.0	4.929	0.005	0	0	0	8
PD.3825	PL.27808	A	40T	7.08Y	118.1	0.00	6.92	5.31	0	36	9	97	0.00	0.0	4.929	0.005	0	0	0	8
PL.27809	PD.3825	A	6 A (CWC)	7.08Y	118.1	0.02	6.94	5.31	4	36	9	97	0.00	0.0	5.023	0.093	12	3	3	8
PL.26360	PL.27809	A	#4 ACSR	7.08Y	118.1	0.00	6.94	1.37	1	9	2	98	0.00	0.0	5.057	0.035	9	2	2	2
PL.27178	PL.27809	A	6 A (CWC)	7.08Y	118.1	0.00	6.94	2.20	2	15	4	97	0.00	0.0	5.069	0.046	0	0	0	3
PL.27179	PL.27178	A	6 A (CWC)	7.08Y	118.1	0.01	6.95	2.20	2	15	4	97	0.00	0.0	5.139	0.070	0	0	0	3
PL.26361	PL.27179	A	6 A (CWC)	7.08Y	118.0	0.00	6.95	1.47	1	10	3	96	0.00	0.0	5.180	0.041	10	3	2	2
PL.26362	PL.27179	A	6 A (CWC)	7.08Y	118.0	0.00	6.95	0.73	1	5	1	98	0.00	0.0	5.207	0.068	5	1	1	1
PL.26641	PL.26640	ABC	336 MCM AC	7.08Y	118.0	0.05	6.96	105.17	20	2156	590	96	0.56	0.0	4.985	0.060	5	1	2	660
PL.27610	PL.26641	C	1/0 AL URD	7.08Y	118.0	0.00	6.96	1.94	1	13	3	97	0.00	0.0	4.990	0.005	0	0	0	2
PD.3723	PL.27610	C	65T	7.08Y	118.0	0.00	6.96	1.94	0	13	3	97	0.00	0.0	4.990	0.005	0	0	0	2

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Balanced Voltage Drop Report
Source: Rice Station

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.27611	PD.3723	C	1/0 AL URD	7.08Y	118.0	0.00	6.97	1.94	1	13	3	97	0.00	0.0	5.144	0.155	13	3	2	2	
L PL.27868	PL.26641	ABC	336 MCM AC	7.08Y	117.9	0.09	7.06	104.30	20	2138	584	96	1.09	0.1	5.104	0.119	0	0	0	656	L
L PL.27869	PL.27868	ABC	336 MCM AC	7.08Y	117.9	0.01	7.07	104.30	20	2136	582	96	0.18	0.0	5.123	0.019	0	0	0	656	L
L PL.26642	PL.27869	ABC	336 MCM AC	7.07Y	117.9	0.05	7.12	103.99	20	2130	580	96	0.63	0.0	5.193	0.070	0	0	0	655	L
L PL.26643	PL.26642	ABC	336 MCM AC	7.07Y	117.8	0.09	7.21	98.22	19	2011	549	96	0.98	0.0	5.313	0.120	0	0	0	619	L
L PL.26962	PL.26643	ABC	336 MCM AC	7.06Y	117.7	0.05	7.26	98.22	19	2010	546	97	0.55	0.0	5.380	0.067	0	0	0	619	L
L PL.26963	PL.26962	ABC	336 MCM AC	7.06Y	117.7	0.00	7.26	98.22	19	2009	545	97	0.01	0.0	5.382	0.001	0	0	0	619	L
RG.32	PL.26963	ABC	114.3 KVA	7.49Y	124.8	-7.02	0.24	98.22	65	2009	545	97	percent Boost= 5.62			Tap= 9.0				619	
PL.26647	RG.32	ABC	336 MCM AC	7.48Y	124.6	0.11	0.35	92.70	18	2009	545	97	1.17	0.1	5.543	0.162	0	0	0	619	
PL.26783	PL.26647	ABC	336 MCM AC	7.48Y	124.6	0.06	0.41	92.70	18	2008	542	97	0.64	0.0	5.633	0.089	0	0	0	619	
PL.26648	PL.26783	ABC	336 MCM AC	7.47Y	124.6	0.02	0.43	92.70	18	2007	541	97	0.21	0.0	5.661	0.029	1	0	1	619	
PL.27864	PL.26648	ABC	336 MCM AC	7.47Y	124.5	0.06	0.50	71.91	14	1555	426	96	0.52	0.0	5.780	0.119	0	0	0	502	
C PD.3851	PL.27864	ABC	70L	7.47Y	124.5	0.00	0.50	71.91	103	1555	425	96	0.00	0.0	5.780	0.119	0	0	0	502	C
PL.27865	PD.3851	ABC	336 MCM AC	7.47Y	124.5	0.03	0.53	71.91	14	1555	425	96	0.22	0.0	5.832	0.051	0	0	0	502	
PL.27580	PL.27865	C	#1/0 ACSR	7.47Y	124.5	0.00	0.53	0.15	0	1	0	100	0.00	0.0	5.836	0.005	0	0	0	1	
PD.3708	PL.27580	C	25T	7.47Y	124.5	0.00	0.53	0.15	0	1	0	100	0.00	0.0	5.836	0.005	0	0	0	1	
PL.27581	PD.3708	C	#1/0 ACSR	7.47Y	124.5	0.00	0.53	0.15	0	1	0	100	0.00	0.0	5.850	0.014	1	0	1	1	
PL.27130	PL.27865	ABC	336 MCM AC	7.47Y	124.4	0.04	0.57	71.86	14	1553	424	96	0.34	0.0	5.909	0.077	1	0	2	501	
PL.27131	PL.27130	ABC	336 MCM AC	7.46Y	124.4	0.06	0.62	71.81	14	1552	423	96	0.48	0.0	6.019	0.111	0	0	0	499	
PL.26964	PL.27131	ABC	336 MCM AC	7.46Y	124.3	0.04	0.66	71.37	14	1542	419	97	0.33	0.0	6.095	0.076	0	0	0	493	
PL.26391	PL.26964	ABC	336 MCM AC	7.46Y	124.3	0.06	0.73	71.23	14	1538	418	96	0.51	0.0	6.215	0.120	0	0	0	492	
PL.26660	PL.26391	ABC	336 MCM AC	7.45Y	124.2	0.09	0.82	70.95	14	1532	415	97	0.72	0.0	6.384	0.169	0	0	0	489	
PL.27684	PL.26660	A	#1/0 ACSR	7.45Y	124.2	0.00	0.82	0.47	0	3	1	95	0.00	0.0	6.389	0.005	0	0	0	1	
PD.3761	PL.27684	A	15T	7.45Y	124.2	0.00	0.82	0.47	0	3	1	95	0.00	0.0	6.389	0.005	0	0	0	1	
PL.27685	PD.3761	A	#1/0 ACSR	7.45Y	124.2	0.00	0.82	0.47	0	3	1	95	0.00	0.0	6.417	0.028	3	1	1	1	
PL.27248	PL.26660	ABC	336 MCM AC	7.45Y	124.2	0.03	0.84	70.80	14	1528	413	97	0.22	0.0	6.437	0.052	0	0	1	488	
PL.27249	PL.27248	ABC	336 MCM AC	7.45Y	124.1	0.03	0.88	70.80	14	1528	412	97	0.27	0.0	6.501	0.064	0	0	0	487	
PL.27246	PL.27249	ABC	336 MCM AC	7.45Y	124.1	0.04	0.91	70.56	14	1522	410	97	0.30	0.0	6.571	0.070	2	0	1	486	
PL.27247	PL.27246	ABC	336 MCM AC	7.44Y	124.1	0.02	0.94	70.48	14	1520	409	97	0.18	0.0	6.613	0.042	0	0	0	485	
PL.26662	PL.27247	ABC	336 MCM AC	7.44Y	124.0	0.05	0.99	69.98	13	1509	406	97	0.41	0.0	6.714	0.100	0	0	0	484	
PL.26663	PL.26662	ABC	336 MCM AC	7.44Y	124.0	0.02	1.01	69.63	13	1501	403	97	0.17	0.0	6.755	0.041	11	3	2	482	

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Balanced Voltage Drop Report
Source: Rice Station

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.26394	PL.26663	B	#1/0 ACSR	7.44Y	124.0	0.00	1.01	1.11	0	8	2	97	0.00	0.0	6.794	0.039	8	2	1	1
PL.27240	PL.26663	ABC	336 MCM AC	7.44Y	124.0	0.04	1.04	67.52	13	1455	391	97	0.27	0.0	6.826	0.071	2	0	1	474
PL.27241	PL.27240	ABC	336 MCM AC	7.44Y	123.9	0.02	1.07	67.45	13	1453	390	97	0.19	0.0	6.875	0.049	10	3	1	473
PL.27239	PL.27241	ABC	336 MCM AC	7.43Y	123.9	0.06	1.13	66.97	13	1443	387	97	0.49	0.0	7.006	0.131	1	0	1	472
PL.27238	PL.27239	ABC	336 MCM AC	7.43Y	123.8	0.02	1.16	66.92	13	1441	386	97	0.19	0.0	7.056	0.050	6	1	2	471
PL.27237	PL.27238	ABC	336 MCM AC	7.43Y	123.8	0.05	1.20	66.66	13	1436	384	97	0.35	0.0	7.150	0.094	0	0	0	469
PL.26787	PL.27237	ABC	336 MCM AC	7.42Y	123.7	0.06	1.26	66.66	13	1435	383	97	0.43	0.0	7.266	0.116	0	0	0	469
PL.27674	PL.26787	C	#1/0 ACSR	7.42Y	123.7	0.00	1.26	1.22	1	9	2	98	0.00	0.0	7.271	0.005	0	0	0	2
PD.3756	PL.27674	C	15T	7.42Y	123.7	0.00	1.26	1.22	0	9	2	98	0.00	0.0	7.271	0.005	0	0	0	2
PL.27675	PD.3756	C	#1/0 ACSR	7.42Y	123.7	0.00	1.26	1.22	1	9	2	98	0.00	0.0	7.367	0.096	9	2	2	2
PL.26396	PL.26787	ABC	336 MCM AC	7.42Y	123.7	0.07	1.33	66.25	13	1426	380	97	0.51	0.0	7.404	0.138	0	0	0	467
PL.26788	PL.26396	ABC	336 MCM AC	7.42Y	123.6	0.08	1.41	66.25	13	1425	379	97	0.64	0.0	7.578	0.174	0	0	0	467
PL.27236	PL.26788	C	#2 ACSR	7.42Y	123.6	0.00	1.41	0.51	0	4	1	97	0.00	0.0	7.600	0.022	4	1	1	2
PL.27672	PL.27236	C	#2 ACSR	7.42Y	123.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	7.604	0.005	0	0	0	1
PD.3755	PL.27672	C	12T	7.42Y	123.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	7.604	0.005	0	0	0	1
PL.27673	PD.3755	C	#2 ACSR	7.42Y	123.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	7.729	0.125	0	0	0	1
PL.26789	PL.27673	C	#2 ACSR	7.42Y	123.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	7.862	0.133	0	0	0	1
PL.26790	PL.26789	C	#2 ACSR	7.42Y	123.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	7.968	0.106	0	0	0	1
PL.26939	PL.26790	C	#2 ACSR	7.42Y	123.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	8.059	0.091	0	0	0	1
PL.26791	PL.26939	C	#2 ACSR	7.42Y	123.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	8.140	0.081	0	0	1	1
PL.26664	PL.26788	ABC	336 MCM AC	7.41Y	123.5	0.05	1.46	66.09	13	1421	376	97	0.40	0.0	7.685	0.108	0	0	0	465
PL.26665	PL.26664	ABC	336 MCM AC	7.41Y	123.5	0.03	1.49	66.09	13	1421	375	97	0.24	0.0	7.751	0.066	0	0	0	465
PL.27634	PL.26665	A	#4 ACSR	7.41Y	123.5	0.00	1.49	0.85	1	6	2	95	0.00	0.0	7.756	0.005	0	0	0	1
PD.3735	PL.27634	A	30T	7.41Y	123.5	0.00	1.49	0.85	0	6	2	95	0.00	0.0	7.756	0.005	0	0	0	1
PL.27635	PD.3735	A	#4 ACSR	7.41Y	123.5	0.00	1.49	0.85	1	6	2	95	0.00	0.0	7.780	0.024	6	2	1	1
PL.26666	PL.26665	ABC	336 MCM AC	7.41Y	123.4	0.06	1.55	65.80	13	1414	373	97	0.44	0.0	7.872	0.121	0	0	1	464
PL.27204	PL.26666	ABC	336 MCM AC	7.40Y	123.4	0.06	1.61	65.46	13	1407	370	97	0.42	0.0	7.988	0.116	10	3	2	461
PL.27205	PL.27204	ABC	336 MCM AC	7.40Y	123.3	0.07	1.67	64.99	13	1396	367	97	0.50	0.0	8.130	0.142	0	0	0	459
PL.27630	PL.27205	A	#1/0 ACSR	7.40Y	123.3	0.00	1.67	0.32	0	2	1	89	0.00	0.0	8.134	0.005	0	0	0	1
PD.3733	PL.27630	A	25T	7.40Y	123.3	0.00	1.67	0.32	0	2	1	89	0.00	0.0	8.134	0.005	0	0	0	1
PL.27631	PD.3733	A	#1/0 ACSR	7.40Y	123.3	0.00	1.68	0.32	0	2	1	89	0.00	0.0	8.178	0.044	2	1	1	1

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Balanced Voltage Drop Report
Source: Rice Station

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.27870	PL.27205	ABC	336 MCM AC	7.40Y	123.3	0.06	1.73	64.89	13	1393	365	97	0.41	0.0	8.246	0.116	0	0	0	458
PL.27871	PL.27870	ABC	336 MCM AC	7.40Y	123.3	0.02	1.75	64.89	13	1393	364	97	0.12	0.0	8.279	0.033	0	0	0	458
PL.26667	PL.27871	ABC	336 MCM AC	7.39Y	123.2	0.02	1.77	64.82	12	1391	363	97	0.18	0.0	8.330	0.051	0	0	0	457
PL.26397	PL.26667	C	#2 ACSR	7.39Y	123.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	8.341	0.012	0	0	0	0
PL.27202	PL.26667	ABC	336 MCM AC	7.39Y	123.2	0.05	1.82	38.83	7	833	218	97	0.23	0.0	8.511	0.181	0	0	1	274
PL.27203	PL.27202	ABC	336 MCM AC	7.39Y	123.2	0.03	1.85	38.81	7	833	217	97	0.13	0.0	8.614	0.103	9	2	1	273
PL.27201	PL.27203	ABC	336 MCM AC	7.39Y	123.1	0.02	1.87	38.41	7	824	215	97	0.09	0.0	8.683	0.069	0	0	0	272
PL.27626	PL.27201	C	#2 ACSR	7.39Y	123.1	0.00	1.87	0.59	0	4	1	97	0.00	0.0	8.688	0.005	0	0	0	1
PD.3731	PL.27626	C	20T	7.39Y	123.1	0.00	1.87	0.59	0	4	1	97	0.00	0.0	8.688	0.005	0	0	0	1
PL.27627	PD.3731	C	#2 ACSR	7.39Y	123.1	0.00	1.87	0.59	0	4	1	97	0.00	0.0	8.715	0.027	4	1	1	1
PL.27200	PL.27201	ABC	336 MCM AC	7.39Y	123.1	0.02	1.89	38.21	7	820	213	97	0.09	0.0	8.753	0.070	0	0	0	271
PL.27856	PL.27200	ABC	336 MCM AC	7.38Y	123.1	0.03	1.92	38.21	7	819	213	97	0.14	0.0	8.870	0.118	0	0	0	271
PL.27857	PL.27856	ABC	336 MCM AC	7.38Y	123.0	0.04	1.96	38.21	7	819	213	97	0.16	0.0	9.002	0.131	0	0	0	271
PL.26832	PL.27857	ABC	336 MCM AC	7.38Y	123.0	0.03	1.99	38.21	7	819	213	97	0.13	0.0	9.110	0.108	0	0	0	271
PL.26701	PL.26832	ABC	336 MCM AC	7.38Y	123.0	0.05	2.03	37.82	7	811	210	97	0.20	0.0	9.276	0.165	0	0	0	270
PL.26702	PL.26701	ABC	336 MCM AC	7.38Y	122.9	0.03	2.06	37.82	7	810	210	97	0.13	0.0	9.381	0.106	0	0	0	270
PL.26833	PL.26702	ABC	336 MCM AC	7.37Y	122.9	0.03	2.09	37.82	7	810	209	97	0.12	0.0	9.479	0.098	0	0	0	270
PL.27234	PL.26833	ABC	336 MCM AC	7.37Y	122.9	0.01	2.10	37.82	7	810	209	97	0.06	0.0	9.531	0.052	4	1	1	270
PL.27235	PL.27234	ABC	336 MCM AC	7.37Y	122.9	0.01	2.12	37.64	7	806	208	97	0.06	0.0	9.582	0.051	0	0	0	269
PL.27670	PL.27235	C	#2 ACSR	7.37Y	122.9	0.00	2.12	1.06	1	8	2	97	0.00	0.0	9.587	0.005	0	0	0	1
PD.3753	PL.27670	C	30T	7.37Y	122.9	0.00	2.12	1.06	0	8	2	97	0.00	0.0	9.587	0.005	0	0	0	1
PL.27671	PD.3753	C	#2 ACSR	7.37Y	122.9	0.00	2.12	1.06	1	8	2	97	0.00	0.0	9.599	0.012	8	2	1	1
PL.26703	PL.27235	ABC	336 MCM AC	7.37Y	122.9	0.01	2.13	37.28	7	799	206	97	0.06	0.0	9.635	0.052	0	0	1	268
PL.26704	PL.26703	ABC	336 MCM AC	7.37Y	122.9	0.02	2.15	36.88	7	790	204	97	0.07	0.0	9.693	0.058	0	0	0	266
PL.27812	PL.26704	A	#2 ACSR	7.37Y	122.9	0.00	2.15	3.81	2	27	7	97	0.00	0.0	9.697	0.005	0	0	0	7
PD.3827	PL.27812	A	20T	7.37Y	122.9	0.00	2.15	3.81	0	27	7	97	0.00	0.0	9.697	0.005	0	0	0	7
PL.27813	PD.3827	A	#2 ACSR	7.37Y	122.8	0.01	2.15	3.81	2	27	7	97	0.00	0.0	9.742	0.045	0	0	0	7
PL.26400	PL.27813	A	#1/0 ACSR	7.37Y	122.8	0.00	2.15	1.23	1	9	2	98	0.00	0.0	9.760	0.018	9	2	1	1
PL.27232	PL.27813	A	#2 ACSR	7.37Y	122.8	0.00	2.16	2.57	1	18	5	96	0.00	0.0	9.791	0.049	11	3	2	5
PL.27233	PL.27232	A	#2 ACSR	7.37Y	122.8	0.00	2.16	1.08	1	8	2	97	0.00	0.0	9.810	0.019	8	2	3	3
PL.26706	PL.27813	A	#2 ACSR	7.37Y	122.8	0.00	2.15	0.01	0	0	0	100	0.00	0.0	9.795	0.053	0	0	0	1

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Balanced Voltage Drop Report
Source: Rice Station

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.26401	PL.26706	A	#1/0 ACSR	7.37Y	122.8	0.00	2.15	0.01	0	0	0	100	0.00	0.0	9.846	0.051	0	0	1	1
PL.27666	PL.26704	C	#2 ACSR	7.37Y	122.9	0.00	2.15	0.46	0	3	1	95	0.00	0.0	9.697	0.005	0	0	0	2
PD.3751	PL.27666	C	20T	7.37Y	122.9	0.00	2.15	0.46	0	3	1	95	0.00	0.0	9.697	0.005	0	0	0	2
PL.27667	PD.3751	C	#2 ACSR	7.37Y	122.9	0.00	2.15	0.46	0	3	1	95	0.00	0.0	9.880	0.183	3	1	2	2
PL.26705	PL.26704	ABC	336 MCM AC	7.37Y	122.8	0.02	2.16	35.46	7	759	196	97	0.07	0.0	9.757	0.064	0	0	0	257
PL.26834	PL.26705	ABC	336 MCM AC	7.37Y	122.8	0.04	2.21	35.46	7	759	196	97	0.17	0.0	9.918	0.160	0	0	0	257
PL.26707	PL.26834	ABC	336 MCM AC	7.37Y	122.8	0.03	2.23	35.33	7	756	195	97	0.12	0.0	10.033	0.116	2	0	1	256
PL.27862	PL.26707	ABC	#1/0 ACSR	7.36Y	122.7	0.03	2.27	23.06	10	493	128	97	0.12	0.0	10.117	0.084	0	0	0	174
PD.3850	PL.27862	ABC	35L	7.36Y	122.7	0.00	2.27	23.06	66	493	127	97	0.00	0.0	10.117	0.084	0	0	0	174
PL.27863	PD.3850	ABC	#1/0 ACSR	7.36Y	122.7	0.03	2.30	23.06	10	493	127	97	0.11	0.0	10.196	0.080	0	0	0	174
PL.26841	PL.27863	ABC	#1/0 ACSR	7.36Y	122.6	0.06	2.36	23.06	10	493	127	97	0.20	0.0	10.339	0.143	0	0	0	174
PL.27654	PL.26841	C	6 A (CWC)	7.36Y	122.6	0.01	2.37	3.42	2	24	6	97	0.00	0.0	10.421	0.082	0	0	0	8
PD.3745	PL.27654	C	15T	7.36Y	122.6	0.00	2.37	3.42	0	24	6	97	0.00	0.0	10.421	0.082	0	0	0	8
PL.27655	PD.3745	C	6 A (CWC)	7.36Y	122.6	0.02	2.39	3.42	2	24	6	97	0.00	0.0	10.529	0.108	0	0	0	8
PL.26842	PL.27655	C	6 A (CWC)	7.36Y	122.6	0.03	2.42	3.42	2	24	6	97	0.00	0.0	10.699	0.169	0	0	0	8
PL.26843	PL.26842	C	6 A (CWC)	7.35Y	122.6	0.03	2.44	3.42	2	24	6	97	0.00	0.0	10.861	0.162	0	0	0	8
PL.26844	PL.26843	C	6 A (CWC)	7.35Y	122.5	0.01	2.45	3.42	2	24	6	97	0.00	0.0	10.933	0.072	0	0	0	8
PL.26410	PL.26844	C	#4 ACSR	7.35Y	122.5	0.01	2.46	1.53	1	11	3	96	0.00	0.0	11.036	0.103	0	0	0	3
PL.26845	PL.26410	C	#4 ACSR	7.35Y	122.5	0.00	2.46	1.53	1	11	3	96	0.00	0.0	11.131	0.095	11	3	3	3
PL.27215	PL.26844	C	6 A (CWC)	7.35Y	122.5	0.00	2.46	1.89	1	13	3	97	0.00	0.0	10.985	0.052	8	2	3	5
PL.27216	PL.27215	C	6 A (CWC)	7.35Y	122.5	0.00	2.46	0.78	1	6	1	99	0.00	0.0	11.095	0.110	0	0	0	2
PL.27652	PL.27216	C	#2 ACSR	7.35Y	122.5	0.00	2.46	0.17	0	1	0	100	0.00	0.0	11.099	0.005	0	0	0	1
PD.3744	PL.27652	C	10T	7.35Y	122.5	0.00	2.46	0.17	0	1	0	100	0.00	0.0	11.099	0.005	0	0	0	1
PL.27653	PD.3744	C	#2 ACSR	7.35Y	122.5	0.00	2.46	0.17	0	1	0	100	0.00	0.0	11.153	0.054	1	0	1	1
PL.26847	PL.27216	C	6 A (CWC)	7.35Y	122.5	0.00	2.46	0.61	0	4	1	97	0.00	0.0	11.224	0.129	0	0	0	1
PL.26846	PL.26847	C	6 A (CWC)	7.35Y	122.5	0.00	2.46	0.61	0	4	1	97	0.00	0.0	11.282	0.058	4	1	1	1
PL.26715	PL.26841	ABC	#1/0 ACSR	7.35Y	122.6	0.06	2.42	21.92	10	469	121	97	0.19	0.0	10.488	0.149	0	0	0	166
PL.26477	PL.26715	ABC	#1/0 ACSR	7.35Y	122.6	0.00	2.42	21.92	10	468	121	97	0.01	0.0	10.492	0.004	0	0	0	166
RG.30	PL.26477	ABC	76.2 KVA	7.45Y	124.1	-1.55	0.87	21.92	22	468	121	97	percent Boost= 1.25 Tap= 2.0							166
PL.26978	RG.30	ABC	#1/0 ACSR	7.44Y	124.1	0.05	0.92	21.65	9	468	121	97	0.16	0.0	10.622	0.129	0	0	0	166
PL.26979	PL.26978	ABC	#1/0 ACSR	7.44Y	124.0	0.04	0.96	21.47	9	464	120	97	0.12	0.0	10.717	0.095	0	0	0	165

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: Rice Station

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.26848	PL.26979	ABC	#1/0 ACSR	7.44Y	124.0	0.05	1.01	21.47	9	464	120	97	0.16	0.0	10.847	0.130	0	0	0	165
PL.26716	PL.26848	ABC	#1/0 ACSR	7.44Y	124.0	0.04	1.05	21.45	9	464	119	97	0.13	0.0	10.954	0.107	9	2	1	163
PL.27826	PL.26716	A	6 A (CWC)	7.44Y	124.0	0.00	1.05	0.74	1	5	1	98	0.00	0.0	10.958	0.005	0	0	0	3
PD.3833	PL.27826	A	40T	7.44Y	124.0	0.00	1.05	0.74	0	5	1	98	0.00	0.0	10.958	0.005	0	0	0	3
PL.27827	PD.3833	A	6 A (CWC)	7.44Y	124.0	0.00	1.05	0.74	1	5	1	98	0.00	0.0	11.106	0.147	5	1	1	3
PL.27357	PL.27827	A	6 A (CWC)	7.44Y	124.0	0.00	1.05	0.07	0	1	0	100	0.00	0.0	11.228	0.122	0	0	0	2
PL.26479	PL.27357	A	#4 ACSR	7.44Y	124.0	0.00	1.05	0.07	0	1	0	100	0.00	0.0	11.352	0.124	0	0	0	2
PL.26849	PL.26479	A	#4 ACSR	7.44Y	124.0	0.00	1.05	0.07	0	1	0	100	0.00	0.0	11.500	0.148	1	0	2	2
PL.27824	PL.26716	C	6 A (CWC)	7.44Y	124.0	0.00	1.05	0.93	1	7	2	96	0.00	0.0	10.958	0.005	0	0	0	1
PD.3832	PL.27824	C	20T	7.44Y	124.0	0.00	1.05	0.93	0	7	2	96	0.00	0.0	10.958	0.005	0	0	0	1
PL.27825	PD.3832	C	6 A (CWC)	7.44Y	124.0	0.00	1.05	0.93	1	7	2	96	0.00	0.0	11.007	0.048	7	2	1	1
PL.27355	PL.26716	ABC	#1/0 ACSR	7.44Y	123.9	0.04	1.08	20.50	9	443	114	97	0.11	0.0	11.054	0.100	2	0	1	158
PL.27356	PL.27355	ABC	#1/0 ACSR	7.43Y	123.9	0.05	1.13	20.42	9	441	114	97	0.15	0.0	11.193	0.139	2	1	1	157
PL.26717	PL.27356	ABC	#1/0 ACSR	7.43Y	123.8	0.05	1.18	20.00	9	432	111	97	0.15	0.0	11.329	0.136	0	0	0	154
PL.26718	PL.26717	ABC	#1/0 ACSR	7.43Y	123.8	0.04	1.22	19.87	9	429	110	97	0.10	0.0	11.428	0.099	0	0	0	153
PL.26850	PL.26718	ABC	#1/0 ACSR	7.42Y	123.7	0.05	1.27	19.87	9	429	110	97	0.15	0.0	11.572	0.144	0	0	0	153
PL.26851	PL.26850	ABC	#1/0 ACSR	7.42Y	123.7	0.04	1.31	19.87	9	429	110	97	0.12	0.0	11.683	0.111	0	0	0	153
PL.26719	PL.26851	ABC	#1/0 ACSR	7.42Y	123.6	0.05	1.36	19.68	9	424	109	97	0.16	0.0	11.839	0.156	0	0	0	148
PL.26894	PL.26719	ABC	#1/0 ACSR	7.42Y	123.6	0.04	1.40	19.68	9	424	109	97	0.12	0.0	11.956	0.117	0	0	0	148
PL.26895	PL.26894	ABC	#1/0 ACSR	7.41Y	123.6	0.04	1.45	19.68	9	424	109	97	0.13	0.0	12.082	0.127	0	0	0	148
PL.26896	PL.26895	ABC	#1/0 ACSR	7.41Y	123.5	0.05	1.50	19.68	9	424	108	97	0.16	0.0	12.238	0.156	0	0	0	148
PL.26897	PL.26896	ABC	#1/0 ACSR	7.41Y	123.5	0.04	1.55	19.68	9	424	108	97	0.13	0.0	12.363	0.125	0	0	0	148
PL.26898	PL.26897	ABC	#1/0 ACSR	7.40Y	123.4	0.05	1.59	19.68	9	424	108	97	0.13	0.0	12.493	0.130	0	0	0	148
PL.26899	PL.26898	ABC	#1/0 ACSR	7.40Y	123.4	0.04	1.63	19.68	9	424	108	97	0.12	0.0	12.609	0.115	0	0	0	148
PL.26900	PL.26899	ABC	#1/0 ACSR	7.40Y	123.3	0.04	1.67	19.68	9	423	108	97	0.12	0.0	12.721	0.113	0	0	0	148
PL.27734	PL.26900	C	#2 ACSR	7.40Y	123.3	0.00	1.67	1.25	1	9	2	98	0.00	0.0	12.726	0.005	0	0	0	3
PD.3788	PL.27734	C	T	7.40Y	123.3	0.00	1.67	1.25	0	9	2	98	0.00	0.0	12.726	0.005	0	0	0	3
PL.27735	PD.3788	C	#2 ACSR	7.40Y	123.3	0.00	1.67	1.25	1	9	2	98	0.00	0.0	12.779	0.053	0	0	2	3
PL.27350	PL.27735	C	#2 ACSR	7.40Y	123.3	0.00	1.68	1.21	1	9	2	98	0.00	0.0	12.848	0.069	9	2	1	1
PL.26720	PL.26900	ABC	#1/0 ACSR	7.40Y	123.3	0.01	1.69	19.26	8	414	106	97	0.04	0.0	12.764	0.043	0	0	0	145
PL.26721	PL.26720	ABC	#1/0 ACSR	7.40Y	123.3	0.05	1.73	19.20	8	413	105	97	0.13	0.0	12.900	0.136	0	0	0	144

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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.27828	PL.26721	C	#2 ACSR	7.40Y	123.3	0.00	1.73	0.39	0	3	1	95	0.00	0.0	12.905	0.005	0	0	0	1
PD.3834	PL.27828	C	20T	7.40Y	123.3	0.00	1.73	0.39	0	3	1	95	0.00	0.0	12.905	0.005	0	0	0	1
PL.27829	PD.3834	C	#2 ACSR	7.40Y	123.3	0.00	1.73	0.39	0	3	1	95	0.00	0.0	12.930	0.025	3	1	1	1
PL.26722	PL.26721	ABC	#1/0 ACSR	7.39Y	123.2	0.04	1.77	18.69	8	402	102	97	0.11	0.0	13.021	0.121	0	0	0	142
PL.27347	PL.26722	ABC	#1/0 ACSR	7.39Y	123.2	0.03	1.80	18.10	8	389	99	97	0.08	0.0	13.115	0.094	4	1	1	139
PL.27348	PL.27347	ABC	#1/0 ACSR	7.39Y	123.2	0.05	1.85	17.92	8	385	98	97	0.12	0.0	13.256	0.141	0	0	0	138
PL.27728	PL.27348	B	6 A (CWC)	7.39Y	123.1	0.01	1.86	8.50	6	61	15	97	0.00	0.0	13.272	0.016	0	0	0	13
PD.3785	PL.27728	B	T	7.39Y	123.1	0.00	1.86	8.50	0	61	15	97	0.00	0.0	13.272	0.016	0	0	0	13
PL.27729	PD.3785	B	6 A (CWC)	7.39Y	123.1	0.05	1.90	8.50	6	61	15	97	0.02	0.0	13.399	0.126	0	0	0	13
PL.26518	PL.27729	B	#4 ACSR	7.39Y	123.1	0.01	1.91	1.11	1	8	2	97	0.00	0.0	13.519	0.121	0	0	0	5
PL.26526	PL.26518	B	6 A (CWC)	7.39Y	123.1	0.00	1.91	0.88	1	6	2	95	0.00	0.0	13.597	0.078	6	2	1	1
PL.27345	PL.26518	B	6 A (CWC)	7.39Y	123.1	0.00	1.91	0.24	0	2	0	100	0.00	0.0	13.540	0.021	1	0	1	4
PL.27346	PL.27345	B	6 A (CWC)	7.39Y	123.1	0.00	1.91	0.13	0	1	0	100	0.00	0.0	13.572	0.031	0	0	0	3
PL.27726	PL.27346	B	6 A (CWC)	7.39Y	123.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	13.577	0.005	0	0	0	1
PD.3784	PL.27726	B	10T	7.39Y	123.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	13.577	0.005	0	0	0	1
PL.27727	PD.3784	B	6 A (CWC)	7.39Y	123.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	13.804	0.228	0	0	0	1
PL.26901	PL.27727	B	6 A (CWC)	7.39Y	123.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	13.891	0.087	0	0	0	1
PL.26902	PL.26901	B	6 A (CWC)	7.39Y	123.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	14.006	0.115	0	0	0	1
PL.26527	PL.26902	B	#4 ACSR	7.39Y	123.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	14.082	0.077	0	0	0	1
PL.26529	PL.26527	B	#4 ACSR	7.39Y	123.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	14.156	0.074	0	0	0	1
PL.26903	PL.26529	B	#4 ACSR	7.39Y	123.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	14.327	0.170	0	0	1	1
PL.26528	PL.26527	B	#4 ACSR	7.39Y	123.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	14.193	0.111	0	0	0	0
PL.26525	PL.27346	B	6 A (CWC)	7.39Y	123.1	0.00	1.91	0.13	0	1	0	100	0.00	0.0	13.659	0.088	1	0	2	2
PL.26724	PL.27729	B	6 A (CWC)	7.38Y	123.0	0.05	1.95	7.39	5	53	13	97	0.02	0.0	13.546	0.147	0	0	0	8
PL.26522	PL.26724	B	6 A (CWC)	7.38Y	123.0	0.01	1.96	0.93	1	7	2	96	0.00	0.0	13.676	0.130	0	0	0	3
PL.26523	PL.26522	B	#4 ACSR	7.38Y	123.0	0.00	1.96	0.93	1	7	2	96	0.00	0.0	13.744	0.068	1	0	1	3
PL.26524	PL.26523	B	#1/0 ACSR	7.38Y	123.0	0.00	1.96	0.73	0	5	1	98	0.00	0.0	13.753	0.009	5	1	2	2
PL.26519	PL.26724	B	6 A (CWC)	7.38Y	123.0	0.01	1.97	6.46	5	46	12	97	0.00	0.0	13.608	0.062	17	4	3	5
PL.26520	PL.26519	B	#1/0 ACSR	7.38Y	123.0	0.00	1.97	2.04	1	15	4	97	0.00	0.0	13.683	0.075	15	4	1	1
PL.26725	PL.26519	B	6 A (CWC)	7.38Y	123.0	0.01	1.98	2.00	1	14	4	96	0.00	0.0	13.711	0.103	0	0	0	1
PL.26521	PL.26725	B	#1/0 ACSR	7.38Y	123.0	0.00	1.98	2.00	1	14	4	96	0.00	0.0	13.831	0.120	14	4	1	1

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Balanced Voltage Drop Report
Source: Rice Station

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.26723	PL.27348	ABC	#1/0 ACSR	7.39Y	123.1	0.04	1.89	15.08	7	324	83	97	0.09	0.0	13.412	0.156	0	0	0	125
PL.26904	PL.26723	ABC	#1/0 ACSR	7.39Y	123.1	0.02	1.91	15.08	7	324	82	97	0.04	0.0	13.474	0.061	0	0	0	125
PL.26726	PL.26904	ABC	#1/0 ACSR	7.38Y	123.1	0.04	1.95	15.08	7	324	82	97	0.09	0.0	13.628	0.154	0	0	0	125
PL.27343	PL.26726	ABC	#1/0 ACSR	7.38Y	123.0	0.02	1.97	15.08	7	324	82	97	0.05	0.0	13.711	0.083	3	1	1	125
PL.27344	PL.27343	ABC	#1/0 ACSR	7.38Y	123.0	0.01	1.98	14.95	6	321	82	97	0.03	0.0	13.756	0.045	0	0	0	124
PL.27342	PL.27344	ABC	#1/0 ACSR	7.38Y	123.0	0.01	2.00	14.95	6	321	82	97	0.03	0.0	13.802	0.046	13	3	3	124
PL.27341	PL.27342	ABC	#1/0 ACSR	7.38Y	123.0	0.01	2.00	14.34	6	308	78	97	0.01	0.0	13.825	0.023	2	0	1	121
PL.27340	PL.27341	ABC	#1/0 ACSR	7.38Y	123.0	0.01	2.02	14.25	6	306	78	97	0.03	0.0	13.884	0.058	8	2	1	120
PL.26985	PL.27340	ABC	#1/0 ACSR	7.38Y	123.0	0.02	2.03	13.69	6	294	75	97	0.04	0.0	13.960	0.076	0	0	1	118
PL.27337	PL.26985	ABC	#1/0 ACSR	7.38Y	122.9	0.02	2.06	13.36	6	287	73	97	0.04	0.0	14.050	0.090	12	3	3	113
PL.27338	PL.27337	ABC	#1/0 ACSR	7.38Y	122.9	0.02	2.07	12.82	6	275	70	97	0.03	0.0	14.122	0.072	5	1	2	110
PL.27335	PL.27338	ABC	#1/0 ACSR	7.38Y	122.9	0.01	2.08	12.17	5	261	66	97	0.01	0.0	14.152	0.030	0	0	1	107
PL.27336	PL.27335	ABC	#1/0 ACSR	7.37Y	122.9	0.01	2.09	12.17	5	261	66	97	0.02	0.0	14.211	0.059	4	1	1	106
PL.26532	PL.27336	C	6 A (CWC)	7.37Y	122.9	0.00	2.09	11.03	8	79	20	97	0.00	0.0	14.215	0.004	0	0	0	31
PD.3780	PL.26532	C	20T	7.37Y	122.9	0.00	2.09	11.03	0	79	20	97	0.00	0.0	14.215	0.004	0	0	0	31
PL.26533	PD.3780	C	6 A (CWC)	7.37Y	122.9	0.00	2.09	1.36	1	10	2	98	0.00	0.0	14.267	0.052	10	2	3	3
PL.26727	PD.3780	C	6 A (CWC)	7.37Y	122.8	0.08	2.17	9.66	7	69	17	97	0.04	0.1	14.387	0.172	0	0	0	28
PL.26534	PL.26727	C	6 A (CWC)	7.37Y	122.8	0.00	2.17	3.37	2	24	6	97	0.00	0.0	14.399	0.012	0	0	1	13
PL.26728	PL.26534	C	6 A (CWC)	7.37Y	122.8	0.01	2.18	2.55	2	18	5	96	0.00	0.0	14.487	0.087	0	0	0	9
PL.26731	PL.26728	C	6 A (CWC)	7.37Y	122.8	0.01	2.19	2.28	2	16	4	97	0.00	0.0	14.578	0.092	0	0	0	8
PL.26545	PL.26731	C	#4 ACSR	7.37Y	122.8	0.00	2.19	0.24	0	2	0	100	0.00	0.0	14.680	0.101	2	0	1	1
PL.26552	PL.26545	C	#4 ACSR	7.37Y	122.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	14.743	0.064	0	0	0	0
PL.27307	PL.26731	C	6 A (CWC)	7.37Y	122.8	0.01	2.20	2.04	1	15	4	97	0.00	0.0	14.680	0.101	0	0	1	7
PL.27308	PL.27307	C	6 A (CWC)	7.37Y	122.8	0.01	2.21	2.04	1	15	4	97	0.00	0.0	14.788	0.108	3	1	2	6
PL.26551	PL.27308	C	#4 ACSR	7.37Y	122.8	0.01	2.22	1.65	1	12	3	97	0.00	0.0	14.919	0.131	0	0	0	4
PL.27301	PL.26551	C	#4 ACSR	7.37Y	122.8	0.01	2.22	1.65	1	12	3	97	0.00	0.0	14.988	0.070	0	0	0	4
PL.27302	PL.27301	C	#4 ACSR	7.37Y	122.8	0.01	2.23	1.65	1	12	3	97	0.00	0.0	15.142	0.154	0	0	0	4
PL.26546	PL.27302	C	#4 ACSR	7.37Y	122.8	0.00	2.24	0.50	0	4	1	97	0.00	0.0	15.213	0.071	4	1	1	1
PL.26732	PL.27302	C	#4 ACSR	7.37Y	122.8	0.00	2.24	1.15	1	8	2	97	0.00	0.0	15.187	0.045	0	0	0	3
PL.27297	PL.26732	C	#4 ACSR	7.37Y	122.8	0.01	2.24	1.15	1	8	2	97	0.00	0.0	15.339	0.152	3	1	1	3
PL.27298	PL.27297	C	#4 ACSR	7.37Y	122.8	0.00	2.24	0.74	1	5	1	98	0.00	0.0	15.395	0.056	2	1	1	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.27296	PL.27298	C	#4 ACSR	7.37Y	122.8	0.00	2.25	0.44	0	3	1	95	0.00	0.0	15.460	0.065	0	0	0	1
PL.27295	PL.27296	C	#4 ACSR	7.37Y	122.8	0.00	2.25	0.44	0	3	1	95	0.00	0.0	15.500	0.039	3	1	1	1
PL.26536	PL.26728	C	#4 ACSR	7.37Y	122.8	0.00	2.18	0.27	0	2	0	100	0.00	0.0	14.554	0.067	2	0	1	1
PL.27305	PL.26534	C	6 A (CWC)	7.37Y	122.8	0.00	2.17	0.81	1	6	1	99	0.00	0.0	14.462	0.063	6	1	3	3
PL.27306	PL.27305	C	6 A (CWC)	7.37Y	122.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	14.526	0.064	0	0	0	0
PL.26535	PL.26727	C	6 A (CWC)	7.37Y	122.8	0.03	2.20	6.30	4	45	11	97	0.01	0.0	14.522	0.135	10	3	3	15
PL.26537	PL.26535	C	#4 ACSR	7.37Y	122.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	14.577	0.055	0	0	0	0
PL.26539	PL.26535	C	#4 ACSR	7.37Y	122.8	0.01	2.21	4.88	4	35	9	97	0.00	0.0	14.577	0.055	0	0	1	12
PL.26991	PL.26539	C	6 A (CWC)	7.37Y	122.8	0.01	2.22	4.84	3	35	9	97	0.00	0.0	14.633	0.056	15	4	2	11
PL.26992	PL.26991	C	6 A (CWC)	7.37Y	122.8	0.01	2.23	1.97	1	14	4	96	0.00	0.0	14.735	0.102	0	0	0	6
PL.26540	PL.26992	C	#4 ACSR	7.37Y	122.8	0.00	2.24	1.56	1	11	3	96	0.00	0.0	14.790	0.055	2	1	1	3
PL.26542	PL.26540	C	#1/0 ACSR	7.37Y	122.8	0.00	2.24	1.28	1	9	2	98	0.00	0.0	14.897	0.108	9	2	2	2
PL.26541	PL.26992	C	#4 ACSR	7.37Y	122.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	14.781	0.046	0	0	1	1
PL.26729	PL.26992	C	6 A (CWC)	7.37Y	122.8	0.00	2.24	0.41	0	3	1	95	0.00	0.0	14.883	0.148	0	0	0	2
PL.26543	PL.26729	C	#4 ACSR	7.37Y	122.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	15.066	0.183	0	0	1	1
PL.26730	PL.26729	C	6 A (CWC)	7.37Y	122.8	0.00	2.24	0.41	0	3	1	95	0.00	0.0	14.970	0.087	3	1	1	1
PL.26989	PL.26991	C	#4 ACSR	7.37Y	122.8	0.00	2.23	0.70	1	5	1	98	0.00	0.0	14.663	0.030	0	0	0	3
PL.26987	PL.26989	C	#1/0 ACSR	7.37Y	122.8	0.00	2.23	0.32	0	2	1	89	0.00	0.0	14.684	0.020	0	0	0	2
PL.26988	PL.26987	C	#1/0 ACSR	7.37Y	122.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	14.756	0.073	0	0	0	0
PL.26538	PL.26987	C	#1/0 ACSR	7.37Y	122.8	0.00	2.23	0.32	0	2	1	89	0.00	0.0	14.702	0.018	2	1	2	2
PL.26990	PL.26989	C	#4 ACSR	7.37Y	122.8	0.00	2.23	0.37	0	3	1	95	0.00	0.0	14.787	0.123	3	1	1	1
PL.26986	PL.27336	ABC	#1/0 ACSR	7.37Y	122.9	0.01	2.10	8.31	4	178	46	97	0.02	0.0	14.301	0.090	0	0	0	74
PL.26906	PL.26986	ABC	#1/0 ACSR	7.37Y	122.9	0.02	2.12	8.31	4	178	45	97	0.02	0.0	14.425	0.124	0	0	0	74
PL.27293	PL.26906	ABC	#1/0 ACSR	7.37Y	122.9	0.01	2.14	8.18	4	175	45	97	0.02	0.0	14.515	0.090	0	0	2	73
PL.27294	PL.27293	ABC	#1/0 ACSR	7.37Y	122.8	0.02	2.15	8.16	4	175	45	97	0.02	0.0	14.627	0.112	0	0	0	71
PL.27291	PL.27294	ABC	#1/0 ACSR	7.37Y	122.8	0.02	2.17	8.16	4	175	45	97	0.03	0.0	14.776	0.149	0	0	0	71
PL.27292	PL.27291	ABC	#1/0 ACSR	7.37Y	122.8	0.01	2.19	8.16	4	175	45	97	0.01	0.0	14.854	0.078	0	0	1	71
PL.27290	PL.27292	ABC	#1/0 ACSR	7.37Y	122.8	0.01	2.19	8.16	4	175	45	97	0.01	0.0	14.899	0.045	6	1	2	70
PL.27289	PL.27290	ABC	#1/0 ACSR	7.37Y	122.8	0.01	2.20	7.90	3	169	43	97	0.01	0.0	14.971	0.072	2	1	1	68
PL.27774	PL.27289	B	#4 ACSR	7.37Y	122.8	0.04	2.24	20.87	16	149	38	97	0.04	0.0	15.012	0.040	0	0	0	58
PD.3809	PL.27774	B	T	7.37Y	122.8	0.00	2.24	20.87	0	149	38	97	0.00	0.0	15.012	0.040	0	0	0	58

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

Balanced Voltage Drop Report
Source: Rice Station

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.27775	PD.3809	B	#4 ACSR	7.36Y	122.7	0.06	2.30	20.87	16	149	38	97	0.07	0.0	15.075	0.064	2	0	1	58
PL.27419	PL.27775	B	#4 ACSR	7.36Y	122.7	0.03	2.33	20.63	16	147	38	97	0.03	0.0	15.108	0.032	0	0	1	57
PL.27418	PL.27419	B	#4 ACSR	7.35Y	122.5	0.13	2.46	20.62	16	147	38	97	0.15	0.1	15.254	0.146	2	0	1	56
PL.27417	PL.27418	B	#4 ACSR	7.35Y	122.4	0.11	2.57	20.35	16	145	37	97	0.13	0.1	15.381	0.127	0	0	0	55
PL.27415	PL.27417	B	#4 ACSR	7.34Y	122.3	0.10	2.68	20.35	16	145	37	97	0.11	0.1	15.493	0.112	1	0	1	55
PL.27416	PL.27415	B	#4 ACSR	7.34Y	122.3	0.04	2.72	20.19	16	144	37	97	0.05	0.0	15.541	0.048	3	1	1	54
PL.27414	PL.27416	B	#4 ACSR	7.33Y	122.2	0.12	2.84	19.77	15	141	36	97	0.13	0.1	15.680	0.139	0	0	0	53
PL.26909	PL.27414	B	#4 ACSR	7.32Y	122.1	0.10	2.94	19.77	15	140	36	97	0.10	0.1	15.789	0.109	0	0	0	53
PL.26555	PL.26909	B	#4 ACSR	7.32Y	122.1	0.00	2.94	0.74	1	5	1	98	0.00	0.0	15.820	0.030	5	1	2	2
PL.26735	PL.26909	B	#4 ACSR	7.32Y	122.0	0.10	3.03	19.02	15	135	34	97	0.10	0.1	15.903	0.114	0	0	0	51
PL.26910	PL.26735	B	#4 ACSR	7.31Y	121.8	0.14	3.17	19.02	15	135	34	97	0.14	0.1	16.067	0.164	0	0	0	51
PL.27412	PL.26910	B	#4 ACSR	7.31Y	121.8	0.07	3.24	17.94	14	127	32	97	0.07	0.1	16.154	0.087	0	0	1	50
PL.27413	PL.27412	B	#4 ACSR	7.30Y	121.7	0.08	3.32	17.94	14	127	32	97	0.08	0.1	16.259	0.106	0	0	0	49
PL.26736	PL.27413	B	#4 ACSR	7.30Y	121.7	0.00	3.32	0.85	1	6	2	95	0.00	0.0	16.294	0.034	6	2	1	1
PL.26557	PL.27413	B	#4 ACSR	7.30Y	121.6	0.07	3.40	17.09	13	121	31	97	0.07	0.1	16.360	0.101	6	1	1	48
PL.27410	PL.26557	B	#4 ACSR	7.29Y	121.6	0.04	3.43	16.30	13	115	29	97	0.03	0.0	16.413	0.053	2	0	2	47
PL.27411	PL.27410	B	#4 ACSR	7.29Y	121.5	0.07	3.50	16.04	12	113	29	97	0.06	0.1	16.506	0.093	2	0	2	45
PL.27409	PL.27411	B	#4 ACSR	7.29Y	121.4	0.06	3.56	15.80	12	112	28	97	0.05	0.0	16.599	0.093	3	1	2	43
PL.27408	PL.27409	B	#4 ACSR	7.28Y	121.4	0.09	3.65	15.33	12	108	27	97	0.07	0.1	16.725	0.126	2	0	1	41
PL.27407	PL.27408	B	#4 ACSR	7.28Y	121.3	0.03	3.68	15.12	12	107	27	97	0.02	0.0	16.768	0.042	2	1	1	40
PL.27406	PL.27407	B	#4 ACSR	7.28Y	121.3	0.06	3.74	14.82	11	105	26	97	0.05	0.0	16.855	0.088	0	0	0	39
PL.26558	PL.27406	B	#4 ACSR	7.28Y	121.3	0.00	3.74	0.42	0	3	1	95	0.00	0.0	16.911	0.055	3	1	1	1
PL.27404	PL.27406	B	#4 ACSR	7.27Y	121.2	0.04	3.78	14.39	11	102	26	97	0.03	0.0	16.922	0.066	7	2	1	38
PL.65808	PL.27404	B	#4 ACSR	7.27Y	121.2	0.06	3.84	13.36	10	94	24	97	0.04	0.0	17.024	0.103	0	0	0	37
PL.65809	PL.65808	B	#4 ACSR	7.27Y	121.1	0.03	3.87	13.36	10	94	24	97	0.02	0.0	17.076	0.051	0	0	0	37
PL.26911	PL.65809	B	#4 ACSR	7.26Y	121.1	0.06	3.93	13.36	10	94	24	97	0.05	0.0	17.181	0.106	0	0	0	37
PL.26912	PL.26911	B	#4 ACSR	7.26Y	121.0	0.06	3.99	13.36	10	94	24	97	0.04	0.0	17.279	0.098	0	0	0	37
PL.26913	PL.26912	B	#4 ACSR	7.26Y	120.9	0.08	4.07	13.36	10	94	24	97	0.06	0.1	17.419	0.140	0	0	0	37
PL.27402	PL.26913	B	#4 ACSR	7.25Y	120.9	0.07	4.14	13.36	10	94	24	97	0.05	0.1	17.532	0.113	3	1	1	37
PL.27403	PL.27402	B	#4 ACSR	7.25Y	120.9	0.01	4.15	12.93	10	91	23	97	0.01	0.0	17.548	0.016	0	0	0	36
PL.26559	PL.27403	B	#4 ACSR	7.25Y	120.8	0.05	4.20	12.63	10	89	22	97	0.03	0.0	17.639	0.091	0	0	0	35

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Balanced Voltage Drop Report
Source: Rice Station

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.27397	PL.26559	B	#4 ACSR	7.25Y	120.8	0.05	4.25	12.63	10	89	22	97	0.03	0.0	17.735	0.096	5	1	1	35
PL.27398	PL.27397	B	#4 ACSR	7.24Y	120.7	0.03	4.28	11.96	9	84	21	97	0.02	0.0	17.795	0.061	6	1	1	34
PL.26737	PL.27398	B	#4 ACSR	7.24Y	120.7	0.00	4.28	0.53	0	4	1	97	0.00	0.0	17.930	0.135	0	0	0	2
PL.26915	PL.26737	B	#4 ACSR	7.24Y	120.7	0.00	4.28	0.53	0	4	1	97	0.00	0.0	17.985	0.055	0	0	0	2
PL.27395	PL.26915	B	#4 ACSR	7.24Y	120.7	0.00	4.29	0.53	0	4	1	97	0.00	0.0	18.103	0.118	0	0	0	2
PL.27396	PL.27395	B	#4 ACSR	7.24Y	120.7	0.00	4.29	0.53	0	4	1	97	0.00	0.0	18.202	0.099	0	0	0	2
PL.26565	PL.27396	B	#4 ACSR	7.24Y	120.7	0.00	4.29	0.15	0	1	0	100	0.00	0.0	18.370	0.168	0	0	0	1
PL.26916	PL.26565	B	#4 ACSR	7.24Y	120.7	0.00	4.29	0.15	0	1	0	100	0.00	0.0	18.499	0.130	0	0	0	1
PL.26917	PL.26916	B	#4 ACSR	7.24Y	120.7	0.00	4.29	0.15	0	1	0	100	0.00	0.0	18.651	0.151	0	0	0	1
PL.26918	PL.26917	B	#4 ACSR	7.24Y	120.7	0.00	4.29	0.15	0	1	0	100	0.00	0.0	18.799	0.148	1	0	1	1
PL.26738	PL.27396	B	#4 ACSR	7.24Y	120.7	0.00	4.29	0.00	0	0	0	100	0.00	0.0	18.267	0.065	0	0	0	0
PL.26564	PL.27396	B	#4 ACSR	7.24Y	120.7	0.00	4.29	0.38	0	3	1	95	0.00	0.0	18.252	0.050	3	1	1	1
PL.26562	PL.26915	B	#4 ACSR	7.24Y	120.7	0.00	4.28	0.00	0	0	0	100	0.00	0.0	18.053	0.067	0	0	0	0
PL.26561	PL.27398	B	#4 ACSR	7.24Y	120.7	0.03	4.31	10.59	8	74	19	97	0.02	0.0	17.866	0.071	0	0	1	31
PL.26563	PL.26561	B	#4 ACSR	7.24Y	120.6	0.05	4.36	10.56	8	74	19	97	0.03	0.0	17.975	0.109	0	0	0	30
PL.26920	PL.26563	B	#4 ACSR	7.24Y	120.6	0.05	4.41	10.56	8	74	19	97	0.03	0.0	18.073	0.097	0	0	0	30
PL.26919	PL.26920	B	#4 ACSR	7.23Y	120.5	0.08	4.49	10.56	8	74	19	97	0.05	0.1	18.252	0.179	0	0	0	30
PL.26934	PL.26919	B	#4 ACSR	7.23Y	120.5	0.04	4.53	10.56	8	74	19	97	0.02	0.0	18.331	0.079	0	0	0	30
PL.26935	PL.26934	B	#4 ACSR	7.22Y	120.4	0.06	4.59	10.56	8	74	19	97	0.04	0.0	18.465	0.134	0	0	0	30
PL.26936	PL.26935	B	#4 ACSR	7.22Y	120.4	0.03	4.63	10.56	8	74	19	97	0.02	0.0	18.535	0.070	0	0	1	30
PL.27780	PL.26936	B	#4 ACSR	7.22Y	120.4	0.00	4.63	10.50	8	74	19	97	0.00	0.0	18.540	0.005	0	0	0	29
PD.3812	PL.27780	B	T	7.22Y	120.4	0.00	4.63	10.50	0	74	19	97	0.00	0.0	18.540	0.005	0	0	0	29
PL.27781	PD.3812	B	#4 ACSR	7.22Y	120.3	0.05	4.68	10.50	8	74	19	97	0.03	0.0	18.658	0.118	4	1	2	29
PL.26570	PL.27781	B	#4 ACSR	7.22Y	120.3	0.00	4.68	0.00	0	0	0	100	0.00	0.0	18.743	0.085	0	0	1	1
PL.26996	PL.27781	B	#4 ACSR	7.22Y	120.3	0.00	4.69	9.97	8	70	18	97	0.00	0.0	18.669	0.011	0	0	0	26
PL.26571	PL.26996	B	#4 ACSR	7.22Y	120.3	0.00	4.69	0.09	0	1	0	100	0.00	0.0	18.699	0.030	1	0	1	1
PL.26997	PL.26996	B	#4 ACSR	7.22Y	120.3	0.04	4.72	9.88	8	69	17	97	0.02	0.0	18.753	0.084	0	0	1	25
PL.26568	PL.26997	B	#4 ACSR	7.22Y	120.3	0.02	4.74	9.12	7	64	16	97	0.01	0.0	18.793	0.039	1	0	2	21
PL.26569	PL.26568	B	#4 ACSR	7.21Y	120.2	0.06	4.80	8.92	7	62	16	97	0.03	0.0	18.935	0.142	0	0	0	19
PL.27434	PL.26569	B	#4 ACSR	7.21Y	120.1	0.07	4.86	8.92	7	62	16	97	0.03	0.1	19.122	0.187	8	2	2	19
PL.27435	PL.27434	B	#4 ACSR	7.21Y	120.1	0.03	4.89	7.79	6	54	14	97	0.01	0.0	19.200	0.078	6	1	1	17

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Balanced Voltage Drop Report
Source: Rice Station

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.26572	PL.27435	B	#4 ACSR	7.21Y	120.1	0.02	4.91	6.05	5	42	11	97	0.01	0.0	19.282	0.082	0	0	0	15
PL.27432	PL.26572	B	#4 ACSR	7.20Y	120.1	0.01	4.92	4.84	4	34	8	97	0.00	0.0	19.353	0.071	12	3	1	13
PL.27433	PL.27432	B	#4 ACSR	7.20Y	120.0	0.03	4.95	3.13	2	22	5	98	0.00	0.0	19.536	0.184	0	0	0	12
PL.27426	PL.27433	B	#4 ACSR	7.20Y	120.0	0.01	4.96	2.42	2	17	4	97	0.00	0.0	19.600	0.064	6	1	1	7
PL.27427	PL.27426	B	#4 ACSR	7.20Y	120.0	0.01	4.96	1.63	1	11	3	96	0.00	0.0	19.705	0.105	0	0	2	6
PL.26579	PL.27427	B	#4 ACSR	7.20Y	120.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	19.827	0.122	0	0	0	0
PL.26923	PL.26579	B	#4 ACSR	7.20Y	120.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	19.918	0.091	0	0	0	0
PD.4153-A	PL.26923	B	Open	7.20Y	120.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	19.918	0.091	0	0	0	0
PL.26573	PL.27427	B	#4 ACSR	7.20Y	120.0	0.01	4.97	1.63	1	11	3	96	0.00	0.0	19.843	0.138	6	1	2	4
PL.26580	PL.26573	B	#4 ACSR	7.20Y	120.0	0.00	4.97	0.83	1	6	1	99	0.00	0.0	19.956	0.113	6	1	1	2
PL.27424	PL.26580	B	#1/0 ACSR	7.20Y	120.0	0.00	4.97	0.00	0	0	0	100	0.00	0.0	20.003	0.048	0	0	0	1
PL.27425	PL.27424	B	#1/0 ACSR	7.20Y	120.0	0.00	4.97	0.00	0	0	0	100	0.00	0.0	20.146	0.142	0	0	1	1
PL.26740	PL.27433	B	#4 ACSR	7.20Y	120.0	0.00	4.95	0.00	0	0	0	100	0.00	0.0	19.592	0.055	0	0	0	0
PL.27778	PL.27433	B	#4 ACSR	7.20Y	120.0	0.00	4.95	0.70	1	5	1	98	0.00	0.0	19.541	0.005	0	0	0	5
PD.3811	PL.27778	B	T	7.20Y	120.0	0.00	4.95	0.70	0	5	1	98	0.00	0.0	19.541	0.005	0	0	0	5
PL.27779	PD.3811	B	#4 ACSR	7.20Y	120.0	0.00	4.95	0.70	1	5	1	98	0.00	0.0	19.651	0.110	2	0	1	5
PL.27431	PL.27779	B	#4 ACSR	7.20Y	120.0	0.00	4.95	0.44	0	3	1	95	0.00	0.0	19.710	0.058	1	0	1	4
PL.27430	PL.27431	B	#4 ACSR	7.20Y	120.0	0.00	4.96	0.31	0	2	1	89	0.00	0.0	19.817	0.108	0	0	0	3
PL.26924	PL.27430	B	#4 ACSR	7.20Y	120.0	0.00	4.96	0.31	0	2	1	89	0.00	0.0	19.948	0.131	0	0	0	3
PL.26926	PL.26924	B	#4 ACSR	7.20Y	120.0	0.00	4.96	0.31	0	2	1	89	0.00	0.0	20.011	0.063	0	0	0	3
PL.26925	PL.26926	B	#4 ACSR	7.20Y	120.0	0.00	4.96	0.31	0	2	1	89	0.00	0.0	20.155	0.144	0	0	0	3
PL.26927	PL.26925	B	#4 ACSR	7.20Y	120.0	0.00	4.96	0.31	0	2	1	89	0.00	0.0	20.276	0.122	0	0	0	3
PL.26576	PL.26927	B	#4 ACSR	7.20Y	120.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	20.420	0.143	0	0	0	1
PL.26928	PL.26576	B	#4 ACSR	7.20Y	120.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	20.551	0.132	0	0	0	1
PL.27428	PL.26928	B	#4 ACSR	7.20Y	120.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	20.699	0.148	0	0	1	1
PL.27429	PL.27428	B	#4 ACSR	7.20Y	120.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	20.779	0.080	0	0	0	0
PL.26929	PL.27429	B	#4 ACSR	7.20Y	120.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	20.885	0.105	0	0	0	0
PL.26930	PL.26929	B	#4 ACSR	7.20Y	120.0	0.00	4.96	0.00	0	0	0	100	0.00	0.0	20.984	0.099	0	0	0	0
PL.26577	PL.26927	B	#1/0 ACSR	7.20Y	120.0	0.00	4.96	0.30	0	2	1	89	0.00	0.0	20.281	0.005	0	0	0	2
PL.27776	PL.26577	B	#1/0 ACSR	7.20Y	120.0	0.00	4.96	0.30	0	2	1	89	0.00	0.0	20.286	0.005	0	0	0	2
PD.3810	PL.27776	B	T	7.20Y	120.0	0.00	4.96	0.30	0	2	1	89	0.00	0.0	20.286	0.005	0	0	0	2

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Balanced Voltage Drop Report
Source: Rice Station

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.27777	PD.3810	B	#1/0 ACSR	7.20Y	120.0	0.00	4.96	0.30	0	2	1	89	0.00	0.0	20.383	0.097	0	0	0	2
PL.26574	PL.27777	B	#1/0 ACSR	7.20Y	120.0	0.00	4.96	0.30	0	2	1	89	0.00	0.0	20.453	0.070	0	0	0	2
PL.26741	PL.26574	B	#1/0 ACSR	7.20Y	120.0	0.00	4.96	0.06	0	0	0	100	0.00	0.0	20.636	0.183	0	0	1	1
PL.26578	PL.26574	B	#1/0 ACSR	7.20Y	120.0	0.00	4.96	0.25	0	2	0	100	0.00	0.0	20.486	0.033	2	0	1	1
PL.26739	PL.26572	B	#4 ACSR	7.20Y	120.1	0.01	4.92	1.21	1	8	2	97	0.00	0.0	19.401	0.120	0	0	0	2
PL.26921	PL.26739	B	#4 ACSR	7.20Y	120.1	0.00	4.92	1.21	1	8	2	97	0.00	0.0	19.453	0.052	0	0	0	2
PL.26922	PL.26921	B	#4 ACSR	7.20Y	120.1	0.01	4.93	1.21	1	8	2	97	0.00	0.0	19.605	0.151	0	0	0	2
PL.27422	PL.26922	B	#4 ACSR	7.20Y	120.1	0.01	4.94	1.21	1	8	2	97	0.00	0.0	19.756	0.152	2	0	1	2
PL.27423	PL.27422	B	#4 ACSR	7.20Y	120.1	0.00	4.94	1.00	1	7	2	96	0.00	0.0	19.819	0.063	7	2	1	1
PL.26575	PL.27435	B	#4 ACSR	7.21Y	120.1	0.00	4.89	0.91	1	6	2	95	0.00	0.0	19.251	0.051	6	2	1	1
PL.26567	PL.26997	B	#4 ACSR	7.22Y	120.3	0.00	4.72	0.76	1	5	1	98	0.00	0.0	18.813	0.060	5	1	2	3
PL.26566	PL.26567	B	#4 ACSR	7.22Y	120.3	0.00	4.72	0.07	0	0	0	100	0.00	0.0	18.891	0.078	0	0	1	1
PL.27400	PL.27403	B	#4 ACSR	7.25Y	120.9	0.00	4.15	0.30	0	2	1	89	0.00	0.0	17.637	0.089	0	0	0	1
PL.27401	PL.27400	B	#4 ACSR	7.25Y	120.9	0.00	4.15	0.30	0	2	1	89	0.00	0.0	17.686	0.049	2	1	1	1
PL.27399	PL.27401	B	#4 ACSR	7.25Y	120.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	17.767	0.081	0	0	0	0
PL.26560	PL.27399	B	#4 ACSR	7.25Y	120.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	17.948	0.181	0	0	0	0
PL.26914	PL.26560	B	#4 ACSR	7.25Y	120.9	0.00	4.15	0.00	0	0	0	100	0.00	0.0	18.049	0.101	0	0	0	0
PL.65807	PL.65808	B	#1/0 ACSR	7.27Y	121.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	17.081	0.057	0	0	0	0
PL.65810	PL.65807	B	#1/0 ACSR	7.27Y	121.2	0.00	3.84	0.00	0	0	0	100	0.00	0.0	17.119	0.038	0	0	0	0
PL.26556	PL.26910	B	#4 ACSR	7.31Y	121.8	0.00	3.17	1.08	1	8	2	97	0.00	0.0	16.189	0.122	8	2	1	1
PL.27714	PL.27289	A	#4 ACSR	7.37Y	122.8	0.00	2.20	2.53	2	18	5	96	0.00	0.0	14.976	0.005	0	0	0	9
PD.3776	PL.27714	A	T	7.37Y	122.8	0.00	2.20	2.53	0	18	5	96	0.00	0.0	14.976	0.005	0	0	0	9
PL.27715	PD.3776	A	#4 ACSR	7.37Y	122.8	0.00	2.21	2.53	2	18	5	96	0.00	0.0	15.025	0.049	11	3	6	9
PL.26547	PL.27715	A	#4 ACSR	7.37Y	122.8	0.00	2.21	1.04	1	7	2	96	0.00	0.0	15.156	0.131	5	1	2	3
PL.26548	PL.26547	A	#4 ACSR	7.37Y	122.8	0.00	2.21	0.37	0	3	1	95	0.00	0.0	15.201	0.045	3	1	1	1
PL.26734	PL.26547	A	#4 ACSR	7.37Y	122.8	0.00	2.21	0.00	0	0	0	100	0.00	0.0	15.266	0.110	0	0	0	0
PL.66156	PL.27292	B	#1/0 ACSR	7.37Y	122.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	14.916	0.062	0	0	0	0
PL.27716	PL.26906	A	6 A (CWC)	7.37Y	122.9	0.00	2.12	0.38	0	3	1	95	0.00	0.0	14.430	0.005	0	0	0	1
PD.3777	PL.27716	A	T	7.37Y	122.9	0.00	2.12	0.38	0	3	1	95	0.00	0.0	14.430	0.005	0	0	0	1
PL.27717	PD.3777	A	6 A (CWC)	7.37Y	122.9	0.00	2.12	0.38	0	3	1	95	0.00	0.0	14.447	0.017	0	0	0	1
PL.26733	PL.27717	A	6 A (CWC)	7.37Y	122.9	0.00	2.12	0.38	0	3	1	95	0.00	0.0	14.543	0.096	0	0	0	1

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Balanced Voltage Drop Report
Source: Rice Station

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.66154	PL.26733	A	#4 ACSR	7.37Y	122.9	0.00	2.13	0.38	0	3	1	95	0.00	0.0	14.570	0.027	0	0	0	1
PL.66155	PL.66154	A	#4 ACSR	7.37Y	122.9	0.00	2.13	0.38	0	3	1	95	0.00	0.0	14.599	0.030	3	1	1	1
PL.26553	PL.27717	A	#4 ACSR	7.37Y	122.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	14.466	0.019	0	0	0	0
PL.26531	PL.27338	B	#1/0 ACSR	7.38Y	122.9	0.00	2.07	1.19	1	9	2	98	0.00	0.0	14.123	0.002	0	0	0	1
PD.3781	PL.26531	B	T	7.38Y	122.9	0.00	2.07	1.19	0	9	2	98	0.00	0.0	14.123	0.002	0	0	0	1
PL.26748	PD.3781	B	#1/0 ACSR	7.38Y	122.9	0.00	2.07	1.19	1	9	2	98	0.00	0.0	14.214	0.091	9	2	1	1
PL.27722	PL.26985	A	6 A (CWC)	7.38Y	123.0	0.00	2.03	0.94	1	7	2	96	0.00	0.0	13.965	0.005	0	0	0	4
PD.3782	PL.27722	A	20T	7.38Y	123.0	0.00	2.03	0.94	0	7	2	96	0.00	0.0	13.965	0.005	0	0	0	4
PL.27723	PD.3782	A	6 A (CWC)	7.38Y	123.0	0.00	2.04	0.94	1	7	2	96	0.00	0.0	14.013	0.049	0	0	1	4
PL.27339	PL.27723	A	6 A (CWC)	7.38Y	123.0	0.00	2.04	0.94	1	7	2	96	0.00	0.0	14.070	0.056	3	1	2	3
PL.26530	PL.27339	A	#4 ACSR	7.38Y	123.0	0.00	2.04	0.55	0	4	1	97	0.00	0.0	14.198	0.128	0	0	0	1
PL.26905	PL.26530	A	#4 ACSR	7.38Y	123.0	0.00	2.04	0.55	0	4	1	97	0.00	0.0	14.265	0.067	4	1	1	1
PL.27724	PL.27340	C	#1/0 ACSR	7.38Y	123.0	0.00	2.02	0.59	0	4	1	97	0.00	0.0	13.889	0.005	0	0	0	1
PD.3783	PL.27724	C	T	7.38Y	123.0	0.00	2.02	0.59	0	4	1	97	0.00	0.0	13.889	0.005	0	0	0	1
PL.27725	PD.3783	C	#1/0 ACSR	7.38Y	123.0	0.00	2.02	0.59	0	4	1	97	0.00	0.0	13.911	0.022	4	1	1	1
PL.26517	PL.26722	C	#4 ACSR	7.39Y	123.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	13.075	0.054	0	0	0	0
PL.27730	PL.26722	C	#4 ACSR	7.39Y	123.2	0.00	1.77	1.76	1	13	3	97	0.00	0.0	13.026	0.005	0	0	0	3
PD.3786	PL.27730	C	20T	7.39Y	123.2	0.00	1.77	1.76	0	13	3	97	0.00	0.0	13.026	0.005	0	0	0	3
PL.27731	PD.3786	C	#4 ACSR	7.39Y	123.2	0.00	1.78	1.76	1	13	3	97	0.00	0.0	13.076	0.050	7	2	2	3
PL.26516	PL.27731	C	#1/0 ACSR	7.39Y	123.2	0.00	1.78	0.78	0	6	1	99	0.00	0.0	13.204	0.128	6	1	1	1
PL.27732	PL.26721	A	#4 ACSR	7.40Y	123.3	0.00	1.73	1.15	1	8	2	97	0.00	0.0	12.905	0.005	0	0	0	1
PD.3787	PL.27732	A	20T	7.40Y	123.3	0.00	1.73	1.15	0	8	2	97	0.00	0.0	12.905	0.005	0	0	0	1
PL.27733	PD.3787	A	#4 ACSR	7.40Y	123.3	0.00	1.74	1.15	1	8	2	97	0.00	0.0	12.997	0.093	8	2	1	1
PL.27736	PL.26720	A	#2 ACSR	7.40Y	123.3	0.00	1.69	0.18	0	1	0	100	0.00	0.0	12.769	0.005	0	0	0	1
PD.3789	PL.27736	A	20T	7.40Y	123.3	0.00	1.69	0.18	0	1	0	100	0.00	0.0	12.769	0.005	0	0	0	1
PL.27737	PD.3789	A	#2 ACSR	7.40Y	123.3	0.00	1.69	0.18	0	1	0	100	0.00	0.0	12.879	0.110	1	0	1	1
PL.27738	PL.26851	A	#4 ACSR	7.42Y	123.7	0.00	1.31	0.58	0	4	1	97	0.00	0.0	11.688	0.005	0	0	0	5
PD.3790	PL.27738	A	T	7.42Y	123.7	0.00	1.31	0.58	0	4	1	97	0.00	0.0	11.688	0.005	0	0	0	5
PL.27739	PD.3790	A	#4 ACSR	7.42Y	123.7	0.00	1.31	0.58	0	4	1	97	0.00	0.0	11.773	0.085	0	0	0	5
PL.27354	PL.27739	A	#4 ACSR	7.42Y	123.7	0.00	1.31	0.58	0	4	1	97	0.00	0.0	11.875	0.101	0	0	1	5
PL.27353	PL.27354	A	#4 ACSR	7.42Y	123.7	0.00	1.32	0.58	0	4	1	97	0.00	0.0	12.008	0.133	0	0	0	4

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Balanced Voltage Drop Report
Source: Rice Station

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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.26891	PL.27353	A	#4 ACSR	7.42Y	123.7	0.00	1.32	0.58	0	4	1	97	0.00	0.0	12.151	0.143	0	0	0	4
PL.26892	PL.26891	A	#4 ACSR	7.42Y	123.7	0.00	1.32	0.58	0	4	1	97	0.00	0.0	12.260	0.109	0	0	0	4
PL.26940	PL.26892	A	#4 ACSR	7.42Y	123.7	0.00	1.32	0.58	0	4	1	97	0.00	0.0	12.351	0.091	0	0	0	4
PL.27351	PL.26940	A	#4 ACSR	7.42Y	123.7	0.00	1.33	0.58	0	4	1	97	0.00	0.0	12.457	0.106	0	0	1	4
PL.27352	PL.27351	A	#4 ACSR	7.42Y	123.7	0.00	1.33	0.58	0	4	1	97	0.00	0.0	12.554	0.096	0	0	0	3
PL.26893	PL.27352	A	#4 ACSR	7.42Y	123.7	0.00	1.33	0.58	0	4	1	97	0.00	0.0	12.681	0.127	4	1	3	3
PL.27740	PL.26717	A	6 A (CWC)	7.43Y	123.8	0.00	1.18	0.37	0	3	1	95	0.00	0.0	11.333	0.005	0	0	0	1
PD.3791	PL.27740	A	20T	7.43Y	123.8	0.00	1.18	0.37	0	3	1	95	0.00	0.0	11.333	0.005	0	0	0	1
PL.27741	PD.3791	A	6 A (CWC)	7.43Y	123.8	0.00	1.18	0.37	0	3	1	95	0.00	0.0	11.440	0.107	3	1	1	1
PL.27742	PL.27356	A	6 A (CWC)	7.43Y	123.9	0.00	1.13	0.93	1	7	2	96	0.00	0.0	11.197	0.005	0	0	0	2
PD.3792	PL.27742	A	10T	7.43Y	123.9	0.00	1.13	0.93	0	7	2	96	0.00	0.0	11.197	0.005	0	0	0	2
PL.27743	PD.3792	A	6 A (CWC)	7.43Y	123.9	0.00	1.14	0.93	1	7	2	96	0.00	0.0	11.301	0.104	2	0	1	2
PL.27349	PL.27743	A	6 A (CWC)	7.43Y	123.9	0.00	1.14	0.70	1	5	1	98	0.00	0.0	11.343	0.042	5	1	1	1
PL.27744	PL.26848	A	6 A (CWC)	7.44Y	124.0	0.00	1.01	0.05	0	0	0	100	0.00	0.0	10.852	0.005	0	0	0	2
PD.3793	PL.27744	A	20T	7.44Y	124.0	0.00	1.01	0.05	0	0	0	100	0.00	0.0	10.852	0.005	0	0	0	2
PL.27745	PD.3793	A	6 A (CWC)	7.44Y	124.0	0.00	1.01	0.05	0	0	0	100	0.00	0.0	10.948	0.097	0	0	2	2
PL.27746	PL.26978	C	#4 ACSR	7.44Y	124.1	0.00	0.92	0.55	0	4	1	97	0.00	0.0	10.626	0.005	0	0	0	1
PD.3794	PL.27746	C	20T	7.44Y	124.1	0.00	0.92	0.55	0	4	1	97	0.00	0.0	10.626	0.005	0	0	0	1
PL.27747	PD.3794	C	#4 ACSR	7.44Y	124.1	0.00	0.92	0.55	0	4	1	97	0.00	0.0	10.677	0.051	4	1	1	1
PL.27834	PL.26707	ABC	6 A (CWC)	7.37Y	122.8	0.01	2.25	12.18	9	261	66	97	0.03	0.0	10.064	0.031	0	0	0	81
PD.3837-A	PL.27834	ABC	Closed	7.37Y	122.8	0.00	2.25	12.18	0	261	66	97	0.00	0.0	10.064	0.031	0	0	0	81
PD.3837-B	PD.3837-A	ABC	Closed	7.37Y	122.8	0.00	2.25	12.18	0	261	66	97	0.00	0.0	10.064	0.031	0	0	0	81
PL.27835	PD.3837-B	ABC	6 A (CWC)	7.36Y	122.7	0.08	2.33	12.18	9	261	66	97	0.16	0.1	10.226	0.162	2	0	2	81
PL.27231	PL.27835	ABC	6 A (CWC)	7.36Y	122.6	0.03	2.35	12.09	9	259	66	97	0.06	0.0	10.285	0.060	0	0	0	79
PL.27229	PL.27231	ABC	6 A (CWC)	7.36Y	122.6	0.05	2.40	11.82	8	253	64	97	0.10	0.0	10.392	0.107	8	2	1	77
PL.27230	PL.27229	ABC	6 A (CWC)	7.35Y	122.5	0.05	2.45	11.44	8	245	62	97	0.09	0.0	10.497	0.105	0	0	0	76
PL.27660	PL.27230	A	6 A (CWC)	7.35Y	122.5	0.00	2.45	2.41	2	17	4	97	0.00	0.0	10.502	0.005	0	0	0	5
PD.3748	PL.27660	A	30T	7.35Y	122.5	0.00	2.45	2.41	0	17	4	97	0.00	0.0	10.502	0.005	0	0	0	5
PL.27661	PD.3748	A	6 A (CWC)	7.35Y	122.5	0.01	2.46	2.41	2	17	4	97	0.00	0.0	10.584	0.082	13	3	3	5
PL.27228	PL.27661	A	6 A (CWC)	7.35Y	122.5	0.00	2.46	0.62	0	4	1	97	0.00	0.0	10.645	0.061	4	1	2	2
PL.26708	PL.27230	ABC	6 A (CWC)	7.35Y	122.5	0.06	2.51	10.64	8	227	58	97	0.10	0.0	10.636	0.139	0	0	0	71

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Balanced Voltage Drop Report
Source: Rice Station

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.26835	PL.26708	ABC	6 A (CWC)	7.35Y	122.4	0.06	2.57	10.64	8	227	58	97	0.11	0.0	10.776	0.140	0	0	0	71	
PL.27223	PL.26835	ABC	6 A (CWC)	7.34Y	122.4	0.04	2.61	10.55	8	225	57	97	0.08	0.0	10.884	0.108	6	1	1	70	
PL.27224	PL.27223	ABC	6 A (CWC)	7.34Y	122.4	0.01	2.62	10.27	7	219	56	97	0.02	0.0	10.910	0.025	0	0	0	69	
PL.26709	PL.27224	ABC	6 A (CWC)	7.34Y	122.4	0.00	2.62	0.39	0	8	2	97	0.00	0.0	10.945	0.035	8	2	1	1	
PL.27836	PL.27224	B	#4 ACSR	7.34Y	122.4	0.00	2.62	28.61	22	204	52	97	0.01	0.0	10.912	0.003	0	0	0	63	
C PD.3838	PL.27836	B	35L	7.34Y	122.4	0.00	2.62	28.61	82	204	52	97	0.00	0.0	10.912	0.003	0	0	0	63	C
PL.27837	PD.3838	B	#4 ACSR	7.34Y	122.3	0.07	2.69	28.61	22	204	52	97	0.11	0.1	10.969	0.057	9	2	1	63	
PL.27225	PL.27837	B	#4 ACSR	7.34Y	122.3	0.05	2.75	27.35	21	194	49	97	0.08	0.0	11.011	0.042	0	0	0	62	
PL.27226	PL.27225	B	#4 ACSR	7.34Y	122.3	0.00	2.75	1.80	1	13	3	97	0.00	0.0	11.069	0.058	3	1	2	3	
PL.27227	PL.27226	B	#4 ACSR	7.33Y	122.2	0.00	2.75	1.33	1	9	2	98	0.00	0.0	11.121	0.052	9	2	1	1	
PL.26403	PL.27225	B	6 A (CWC)	7.32Y	122.0	0.22	2.96	25.55	18	182	46	97	0.29	0.2	11.197	0.186	0	0	0	59	
PL.26404	PL.26403	B	#4 ACSR	7.32Y	122.0	0.00	2.96	0.40	0	3	1	95	0.00	0.0	11.233	0.036	3	1	2	2	
PL.27220	PL.26403	B	6 A (CWC)	7.32Y	121.9	0.11	3.07	25.15	18	179	45	97	0.14	0.1	11.294	0.097	15	4	2	57	
PL.27221	PL.27220	B	6 A (CWC)	7.31Y	121.8	0.09	3.16	23.05	16	163	41	97	0.12	0.1	11.384	0.090	0	0	0	55	
PL.26836	PL.27221	B	6 A (CWC)	7.30Y	121.7	0.11	3.27	23.05	16	163	41	97	0.14	0.1	11.492	0.108	0	0	1	55	
PL.27656	PL.26836	B	6 A (CWC)	7.30Y	121.7	0.00	3.27	3.21	2	23	6	97	0.00	0.0	11.496	0.005	0	0	0	5	
PD.3746	PL.27656	B	15T	7.30Y	121.7	0.00	3.27	3.21	0	23	6	97	0.00	0.0	11.496	0.005	0	0	0	5	
PL.27657	PD.3746	B	6 A (CWC)	7.30Y	121.7	0.01	3.29	3.21	2	23	6	97	0.00	0.0	11.594	0.098	0	0	0	5	
PL.26837	PL.27657	B	6 A (CWC)	7.30Y	121.7	0.01	3.30	3.21	2	23	6	97	0.00	0.0	11.696	0.102	0	0	0	5	
PL.26482	PL.26837	B	6 A (CWC)	7.30Y	121.7	0.02	3.32	3.21	2	23	6	97	0.00	0.0	11.828	0.132	0	0	0	5	
PL.26710	PL.26482	B	6 A (CWC)	7.30Y	121.7	0.01	3.33	2.49	2	18	4	98	0.00	0.0	11.886	0.059	0	0	0	4	
PL.26485	PL.26710	B	6 A (CWC)	7.30Y	121.7	0.00	3.33	0.50	0	4	1	97	0.00	0.0	11.953	0.067	4	1	1	1	
PL.26486	PL.26710	B	#2 ACSR	7.30Y	121.7	0.00	3.33	1.17	1	8	2	97	0.00	0.0	11.968	0.082	8	2	1	1	
PL.26484	PL.26710	B	6 A (CWC)	7.30Y	121.7	0.00	3.33	0.82	1	6	1	99	0.00	0.0	11.920	0.034	6	1	2	2	
PL.26480	PL.26482	B	#2 ACSR	7.30Y	121.7	0.00	3.33	0.72	0	5	1	98	0.00	0.0	11.914	0.086	0	0	0	1	
PL.26711	PL.26480	B	#2 ACSR	7.30Y	121.7	0.00	3.33	0.72	0	5	1	98	0.00	0.0	12.015	0.101	5	1	1	1	
PL.26481	PL.26480	B	#2 ACSR	7.30Y	121.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	11.969	0.055	0	0	0	0	
PL.27217	PL.26836	B	6 A (CWC)	7.30Y	121.6	0.12	3.39	19.81	14	140	36	97	0.12	0.1	11.622	0.131	0	0	1	49	
PL.27218	PL.27217	B	6 A (CWC)	7.29Y	121.6	0.04	3.43	19.80	14	140	35	97	0.04	0.0	11.661	0.039	0	0	2	48	
PL.27219	PL.27218	B	6 A (CWC)	7.29Y	121.5	0.07	3.50	19.80	14	140	35	97	0.08	0.1	11.745	0.083	0	0	0	46	
PL.26491	PL.27219	B	6 A (CWC)	7.29Y	121.4	0.08	3.58	19.80	14	140	35	97	0.08	0.1	11.831	0.086	0	0	0	46	

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Balanced Voltage Drop Report
Source: Rice Station

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.27331	PL.26491	B	6 A (CWC)	7.28Y	121.3	0.07	3.65	17.53	13	124	31	97	0.07	0.1	11.927	0.096	6	2	1	41
PL.27332	PL.27331	B	6 A (CWC)	7.27Y	121.2	0.13	3.79	16.63	12	117	30	97	0.12	0.1	12.107	0.180	5	1	1	40
PL.27330	PL.27332	B	6 A (CWC)	7.27Y	121.2	0.04	3.83	15.95	11	112	28	97	0.04	0.0	12.170	0.063	7	2	1	39
PL.27329	PL.27330	B	6 A (CWC)	7.27Y	121.1	0.08	3.91	14.90	11	105	26	97	0.06	0.1	12.281	0.111	0	0	0	38
PL.26980	PL.27329	B	6 A (CWC)	7.26Y	121.0	0.06	3.96	12.41	9	87	22	97	0.04	0.0	12.384	0.103	0	0	0	36
PL.27327	PL.26980	B	6 A (CWC)	7.26Y	121.0	0.05	4.01	11.33	8	80	20	97	0.03	0.0	12.483	0.099	3	1	1	34
PL.27328	PL.27327	B	6 A (CWC)	7.26Y	121.0	0.03	4.04	10.86	8	76	19	97	0.02	0.0	12.544	0.061	3	1	2	33
PL.27326	PL.27328	B	6 A (CWC)	7.25Y	120.9	0.05	4.10	10.48	7	74	19	97	0.03	0.0	12.659	0.115	8	2	2	31
PL.27325	PL.27326	B	6 A (CWC)	7.25Y	120.9	0.03	4.13	9.34	7	66	17	97	0.01	0.0	12.732	0.074	4	1	1	29
PL.27324	PL.27325	B	6 A (CWC)	7.25Y	120.8	0.04	4.17	8.72	6	61	15	97	0.02	0.0	12.835	0.103	0	0	0	28
PL.27720	PL.27324	B	6 A (CWC)	7.25Y	120.8	0.00	4.17	0.52	0	4	1	97	0.00	0.0	12.839	0.005	0	0	0	1
PD.3779	PL.27720	B	15T	7.25Y	120.8	0.00	4.17	0.52	0	4	1	97	0.00	0.0	12.839	0.005	0	0	0	1
PL.27721	PD.3779	B	6 A (CWC)	7.25Y	120.8	0.00	4.17	0.52	0	4	1	97	0.00	0.0	13.004	0.165	4	1	1	1
PL.27322	PL.27324	B	6 A (CWC)	7.25Y	120.8	0.03	4.20	8.20	6	58	15	97	0.01	0.0	12.917	0.083	0	0	1	27
PL.27323	PL.27322	B	6 A (CWC)	7.24Y	120.7	0.07	4.27	8.20	6	58	15	97	0.03	0.1	13.104	0.186	0	0	1	26
PL.27321	PL.27323	B	6 A (CWC)	7.24Y	120.7	0.05	4.32	8.14	6	57	14	97	0.02	0.0	13.248	0.145	0	0	0	25
PL.26503	PL.27321	B	#4 ACSR	7.24Y	120.6	0.04	4.36	7.61	6	53	13	97	0.02	0.0	13.377	0.128	0	0	0	22
PL.26838	PL.26503	B	#4 ACSR	7.23Y	120.6	0.06	4.42	7.61	6	53	13	97	0.02	0.0	13.555	0.178	0	0	0	22
PL.26712	PL.26838	B	#4 ACSR	7.23Y	120.6	0.01	4.44	2.17	2	15	4	97	0.00	0.0	13.689	0.134	0	0	0	7
PL.26510	PL.26712	B	#2 ACSR	7.23Y	120.6	0.00	4.44	1.36	1	10	2	98	0.00	0.0	13.770	0.081	1	0	1	2
PL.26511	PL.26510	B	#1/0 ACSR	7.23Y	120.6	0.00	4.44	1.18	1	8	2	97	0.00	0.0	13.799	0.029	8	2	1	1
PL.26501	PL.26712	B	#4 ACSR	7.23Y	120.6	0.00	4.44	0.00	0	0	0	100	0.00	0.0	13.770	0.081	0	0	2	2
PL.26509	PL.26712	B	6 A (CWC)	7.23Y	120.6	0.00	4.44	0.82	1	6	1	99	0.00	0.0	13.713	0.024	6	1	3	3
PL.27315	PL.26838	B	#4 ACSR	7.23Y	120.5	0.03	4.45	4.83	4	34	9	97	0.01	0.0	13.710	0.156	6	2	1	14
PL.27316	PL.27315	B	#4 ACSR	7.23Y	120.5	0.01	4.47	3.94	3	28	7	97	0.00	0.0	13.779	0.069	0	0	0	13
PL.26514	PL.27316	B	#1/0 ACSR	7.23Y	120.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	13.821	0.041	0	0	1	1
PL.26713	PL.27316	B	#4 ACSR	7.23Y	120.5	0.02	4.49	3.94	3	28	7	97	0.00	0.0	13.902	0.123	4	1	1	12
PL.26500	PL.26713	B	6 A (CWC)	7.23Y	120.5	0.02	4.50	3.32	2	23	6	97	0.00	0.0	14.022	0.120	0	0	0	11
PL.27718	PL.26500	B	6 A (CWC)	7.23Y	120.5	0.00	4.50	3.32	2	23	6	97	0.00	0.0	14.027	0.005	0	0	0	11
PD.3778	PL.27718	B	15T	7.23Y	120.5	0.00	4.50	3.32	0	23	6	97	0.00	0.0	14.027	0.005	0	0	0	11
PL.27719	PD.3778	B	6 A (CWC)	7.23Y	120.5	0.01	4.51	3.32	2	23	6	97	0.00	0.0	14.086	0.059	0	0	0	11

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.26714	PL.27719	B	6 A (CWC)	7.23Y	120.5	0.01	4.53	2.27	2	16	4	97	0.00	0.0	14.225	0.139	0	0	0	8
PL.27313	PL.26714	B	6 A (CWC)	7.23Y	120.5	0.00	4.53	2.27	2	16	4	97	0.00	0.0	14.292	0.067	9	2	2	8
PL.27314	PL.27313	B	6 A (CWC)	7.23Y	120.5	0.00	4.54	0.93	1	7	2	96	0.00	0.0	14.414	0.122	3	1	3	6
PL.26499	PL.27314	B	#4 ACSR	7.23Y	120.5	0.00	4.54	0.50	0	4	1	97	0.00	0.0	14.555	0.141	0	0	0	3
PL.26498	PL.26499	B	#4 ACSR	7.23Y	120.5	0.00	4.54	0.50	0	3	1	95	0.00	0.0	14.743	0.188	0	0	0	2
PL.26840	PL.26498	B	#4 ACSR	7.23Y	120.5	0.00	4.54	0.50	0	3	1	95	0.00	0.0	14.850	0.107	3	1	2	2
PL.26495	PL.26499	B	#2 ACSR	7.23Y	120.5	0.00	4.54	0.01	0	0	0	100	0.00	0.0	14.718	0.163	0	0	0	1
PL.26497	PL.26495	B	#1/0 ACSR	7.23Y	120.5	0.00	4.54	0.01	0	0	0	100	0.00	0.0	14.721	0.003	0	0	0	1
PL.26496	PL.26497	B	#1/0 ACSR	7.23Y	120.5	0.00	4.54	0.01	0	0	0	100	0.00	0.0	14.767	0.046	0	0	1	1
PL.27311	PL.27719	B	6 A (CWC)	7.23Y	120.5	0.00	4.51	1.05	1	7	2	96	0.00	0.0	14.113	0.027	1	0	1	3
PL.27312	PL.27311	B	6 A (CWC)	7.23Y	120.5	0.00	4.52	0.89	1	6	2	95	0.00	0.0	14.223	0.110	0	0	0	2
PL.26839	PL.27312	B	6 A (CWC)	7.23Y	120.5	0.01	4.52	0.89	1	6	2	95	0.00	0.0	14.365	0.142	0	0	0	2
PL.27309	PL.26839	B	6 A (CWC)	7.23Y	120.5	0.00	4.53	0.89	1	6	2	95	0.00	0.0	14.423	0.057	0	0	0	2
PL.27310	PL.27309	B	6 A (CWC)	7.23Y	120.5	0.00	4.53	0.89	1	6	2	95	0.00	0.0	14.589	0.167	6	2	2	2
PL.26502	PL.26838	B	#4 ACSR	7.23Y	120.6	0.00	4.43	0.61	0	4	1	97	0.00	0.0	13.690	0.136	4	1	1	1
PL.26515	PL.26502	B	6 A (CWC)	7.23Y	120.6	0.00	4.43	0.00	0	0	0	100	0.00	0.0	13.729	0.038	0	0	0	0
PL.27319	PL.27321	B	6 A (CWC)	7.24Y	120.7	0.00	4.32	0.53	0	4	1	97	0.00	0.0	13.326	0.078	0	0	1	3
PL.27320	PL.27319	B	6 A (CWC)	7.24Y	120.7	0.00	4.32	0.48	0	3	1	95	0.00	0.0	13.456	0.130	2	0	1	2
PL.27318	PL.27320	B	6 A (CWC)	7.24Y	120.7	0.00	4.32	0.22	0	2	0	100	0.00	0.0	13.629	0.173	2	0	1	1
PL.27317	PL.27318	B	6 A (CWC)	7.24Y	120.7	0.00	4.32	0.00	0	0	0	100	0.00	0.0	13.687	0.058	0	0	0	0
PL.26506	PL.26980	B	6 A (CWC)	7.26Y	121.0	0.00	3.97	1.08	1	8	2	97	0.00	0.0	12.426	0.042	5	1	1	2
PL.26507	PL.26506	B	6 A (CWC)	7.26Y	121.0	0.00	3.97	0.38	0	3	1	95	0.00	0.0	12.484	0.058	0	0	0	1
PL.26508	PL.26507	B	#1/0 ACSR	7.26Y	121.0	0.00	3.97	0.38	0	3	1	95	0.00	0.0	12.562	0.078	3	1	1	1
PL.26504	PL.27329	B	#2 ACSR	7.27Y	121.1	0.00	3.91	2.49	1	18	4	98	0.00	0.0	12.310	0.029	7	2	1	2
PL.26505	PL.26504	B	#1/0 ACSR	7.27Y	121.1	0.00	3.91	1.50	1	11	3	96	0.00	0.0	12.353	0.043	11	3	1	1
PL.26489	PL.26491	B	6 A (CWC)	7.28Y	121.4	0.01	3.59	1.36	1	10	2	98	0.00	0.0	11.925	0.094	0	0	0	2
PL.26487	PL.26489	B	6 A (CWC)	7.28Y	121.4	0.00	3.59	1.36	1	10	2	98	0.00	0.0	12.017	0.092	3	1	1	2
PL.26488	PL.26487	B	#4 ACSR	7.28Y	121.4	0.00	3.59	0.91	1	6	2	95	0.00	0.0	12.034	0.017	0	0	0	1
PL.27333	PL.26488	B	#4 ACSR	7.28Y	121.4	0.00	3.59	0.91	1	6	2	95	0.00	0.0	12.120	0.086	6	2	1	1
PL.27334	PL.27333	B	#4 ACSR	7.28Y	121.4	0.00	3.59	0.00	0	0	0	100	0.00	0.0	12.164	0.044	0	0	0	0
PL.26981	PL.26491	B	6 A (CWC)	7.29Y	121.4	0.00	3.58	0.91	1	6	2	95	0.00	0.0	11.893	0.062	0	0	0	3

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Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PL.26490	PL.26981	B	#2 ACSR	7.29Y	121.4	0.00	3.58	0.85	0	6	2	95	0.00	0.0	11.978	0.085	6	2	1	1
PL.26982	PL.26981	B	6 A (CWC)	7.29Y	121.4	0.00	3.58	0.06	0	0	0	100	0.00	0.0	11.982	0.089	0	0	1	2
PL.26492	PL.26982	B	6 A (CWC)	7.29Y	121.4	0.00	3.58	0.06	0	0	0	100	0.00	0.0	12.019	0.037	0	0	0	1
PL.26493	PL.26492	B	#4 ACSR	7.29Y	121.4	0.00	3.58	0.06	0	0	0	100	0.00	0.0	12.125	0.106	0	0	0	1
PL.26494	PL.26493	B	#4 ACSR	7.29Y	121.4	0.00	3.58	0.06	0	0	0	100	0.00	0.0	12.179	0.054	0	0	1	1
PL.27814	PL.27224	A	6 A (CWC)	7.34Y	122.4	0.00	2.62	1.05	1	7	2	96	0.00	0.0	10.914	0.005	0	0	0	5
PD.3828	PL.27814	A	30T	7.34Y	122.4	0.00	2.62	1.05	0	7	2	96	0.00	0.0	10.914	0.005	0	0	0	5
PL.27815	PD.3828	A	6 A (CWC)	7.34Y	122.4	0.00	2.62	1.05	1	7	2	96	0.00	0.0	10.949	0.035	4	1	1	5
PL.27222	PL.27815	A	6 A (CWC)	7.34Y	122.4	0.00	2.62	0.54	0	4	1	97	0.00	0.0	11.022	0.073	4	1	4	4
PL.27658	PL.26835	A	#2 ACSR	7.35Y	122.4	0.00	2.57	0.26	0	2	0	100	0.00	0.0	10.781	0.005	0	0	0	1
PD.3747	PL.27658	A	30T	7.35Y	122.4	0.00	2.57	0.26	0	2	0	100	0.00	0.0	10.781	0.005	0	0	0	1
PL.27659	PD.3747	A	#2 ACSR	7.35Y	122.4	0.00	2.57	0.26	0	2	0	100	0.00	0.0	10.960	0.180	2	0	1	1
PL.26402	PL.27659	A	#2 ACSR	7.35Y	122.4	0.00	2.57	0.00	0	0	0	100	0.00	0.0	10.973	0.013	0	0	0	0
PL.27662	PL.27231	B	#4 ACSR	7.36Y	122.6	0.00	2.35	0.83	1	6	1	99	0.00	0.0	10.290	0.005	0	0	0	2
PD.3749	PL.27662	B	30T	7.36Y	122.6	0.00	2.35	0.83	0	6	1	99	0.00	0.0	10.290	0.005	0	0	0	2
PL.27663	PD.3749	B	#4 ACSR	7.36Y	122.6	0.00	2.36	0.83	1	6	1	99	0.00	0.0	10.407	0.118	0	0	0	2
PL.26483	PL.27663	B	#4 ACSR	7.36Y	122.6	0.00	2.36	0.83	1	6	1	99	0.00	0.0	10.544	0.136	6	1	2	2
PL.27664	PL.26834	A	#2 ACSR	7.37Y	122.8	0.00	2.21	0.39	0	3	1	95	0.00	0.0	9.922	0.005	0	0	0	1
PD.3750	PL.27664	A	15T	7.37Y	122.8	0.00	2.21	0.39	0	3	1	95	0.00	0.0	9.922	0.005	0	0	0	1
PL.27665	PD.3750	A	#2 ACSR	7.37Y	122.8	0.00	2.21	0.39	0	3	1	95	0.00	0.0	9.983	0.061	3	1	1	1
PL.27668	PL.26703	A	#2 ACSR	7.37Y	122.9	0.00	2.13	1.16	1	8	2	97	0.00	0.0	9.639	0.005	0	0	0	1
PD.3752	PL.27668	A	30T	7.37Y	122.9	0.00	2.13	1.16	0	8	2	97	0.00	0.0	9.639	0.005	0	0	0	1
PL.27669	PD.3752	A	#2 ACSR	7.37Y	122.9	0.00	2.13	1.16	1	8	2	97	0.00	0.0	9.684	0.044	8	2	1	1
PL.26975	PL.26832	C	#2 ACSR	7.38Y	123.0	0.00	1.99	1.16	1	8	2	97	0.00	0.0	9.114	0.004	0	0	0	1
PD.3754	PL.26975	C	40T	7.38Y	123.0	0.00	1.99	1.16	0	8	2	97	0.00	0.0	9.114	0.004	0	0	0	1
PL.26976	PD.3754	C	#2 ACSR	7.38Y	123.0	0.00	1.99	1.16	1	8	2	97	0.00	0.0	9.136	0.022	8	2	1	1
PL.26398	PD.3754	C	#2 ACSR	7.38Y	123.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	9.171	0.057	0	0	0	0
PL.27854	PL.26667	ABC	#1/0 ACSR	7.39Y	123.2	0.03	1.80	26.00	11	558	145	97	0.11	0.0	8.393	0.064	0	0	0	183
PL.27855	PL.27854	ABC	#1/0 ACSR	7.39Y	123.1	0.05	1.85	26.00	11	558	145	97	0.20	0.0	8.506	0.113	0	0	0	183
PL.26792	PL.27855	ABC	#1/0 ACSR	7.39Y	123.1	0.05	1.90	26.00	11	558	145	97	0.20	0.0	8.618	0.111	0	0	0	183
PL.26793	PL.26792	ABC	#1/0 ACSR	7.38Y	123.0	0.06	1.97	26.00	11	558	145	97	0.25	0.0	8.755	0.137	0	0	0	183

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: Rice Station

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.26794	PL.26793	ABC	#1/0 ACSR	7.38Y	123.0	0.07	2.03	26.00	11	557	144	97	0.26	0.0	8.899	0.145	0	0	0	183
PL.27213	PL.26794	ABC	#1/0 ACSR	7.38Y	122.9	0.03	2.07	26.00	11	557	144	97	0.13	0.0	8.975	0.076	11	3	2	183
PL.27214	PL.27213	ABC	#1/0 ACSR	7.37Y	122.9	0.06	2.13	25.50	11	546	141	97	0.22	0.0	9.101	0.126	0	0	0	181
PL.27650	PL.27214	C	#4 ACSR	7.37Y	122.9	0.00	2.13	0.75	1	5	1	98	0.00	0.0	9.106	0.005	0	0	0	2
PD.3743	PL.27650	C	25T	7.37Y	122.9	0.00	2.13	0.75	0	5	1	98	0.00	0.0	9.106	0.005	0	0	0	2
PL.27651	PD.3743	C	#4 ACSR	7.37Y	122.9	0.00	2.13	0.75	1	5	1	98	0.00	0.0	9.178	0.072	1	0	1	2
PL.27212	PL.27651	C	#4 ACSR	7.37Y	122.9	0.00	2.13	0.56	0	4	1	97	0.00	0.0	9.207	0.029	4	1	1	1
PL.27210	PL.27214	ABC	#1/0 ACSR	7.37Y	122.8	0.05	2.18	25.25	11	541	140	97	0.20	0.0	9.219	0.117	13	3	2	179
PL.27211	PL.27210	ABC	#1/0 ACSR	7.37Y	122.8	0.04	2.22	24.65	11	528	136	97	0.16	0.0	9.317	0.098	0	0	0	177
PL.27648	PL.27211	A	#2 ACSR	7.37Y	122.8	0.00	2.22	0.77	0	5	1	98	0.00	0.0	9.321	0.005	0	0	0	2
PD.3742	PL.27648	A	25T	7.37Y	122.8	0.00	2.22	0.77	0	5	1	98	0.00	0.0	9.321	0.005	0	0	0	2
PL.27649	PD.3742	A	#2 ACSR	7.37Y	122.8	0.00	2.22	0.77	0	5	1	98	0.00	0.0	9.414	0.093	5	1	2	2
PL.26668	PL.27211	ABC	#1/0 ACSR	7.37Y	122.8	0.01	2.23	24.39	11	522	135	97	0.03	0.0	9.335	0.018	0	0	0	175
PL.27646	PL.26668	A	#2 ACSR	7.37Y	122.8	0.00	2.23	1.74	1	12	3	97	0.00	0.0	9.339	0.005	0	0	0	2
PD.3741	PL.27646	A	15T	7.37Y	122.8	0.00	2.23	1.74	0	12	3	97	0.00	0.0	9.339	0.005	0	0	0	2
PL.27647	PD.3741	A	#2 ACSR	7.37Y	122.8	0.00	2.23	1.74	1	12	3	97	0.00	0.0	9.445	0.106	7	2	1	2
PL.27286	PL.27647	A	#2 ACSR	7.37Y	122.8	0.00	2.24	0.81	0	6	1	99	0.00	0.0	9.601	0.156	0	0	0	1
PL.26411	PL.27286	A	#4 ACSR	7.37Y	122.8	0.00	2.24	0.81	1	6	1	99	0.00	0.0	9.675	0.074	6	1	1	1
PL.26669	PL.26668	ABC	#1/0 ACSR	7.36Y	122.7	0.02	2.25	23.81	10	509	132	97	0.07	0.0	9.382	0.047	0	0	0	173
PL.26405	PL.26669	ABC	#1/0 ACSR	7.36Y	122.7	0.05	2.30	23.81	10	509	132	97	0.16	0.0	9.491	0.109	0	0	0	173
PL.26795	PL.26405	ABC	#1/0 ACSR	7.36Y	122.6	0.06	2.36	23.81	10	509	131	97	0.22	0.0	9.635	0.145	0	0	0	173
PL.26796	PL.26795	ABC	#1/0 ACSR	7.36Y	122.6	0.03	2.38	23.81	10	509	131	97	0.09	0.0	9.695	0.060	0	0	0	173
PL.26670	PL.26796	ABC	#1/0 ACSR	7.35Y	122.6	0.04	2.43	23.33	10	499	129	97	0.16	0.0	9.802	0.107	0	0	0	172
PL.26797	PL.26670	ABC	#1/0 ACSR	7.35Y	122.5	0.06	2.49	23.33	10	498	128	97	0.22	0.0	9.955	0.152	0	0	0	172
PL.27710	PL.26797	C	#4 ACSR	7.35Y	122.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	9.959	0.005	0	0	0	0
PD.3774	PL.27710	C	30T	7.35Y	122.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	9.959	0.005	0	0	0	0
PL.27711	PD.3774	C	#4 ACSR	7.35Y	122.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	9.991	0.032	0	0	0	0
PL.26798	PL.26797	ABC	#1/0 ACSR	7.35Y	122.5	0.05	2.54	23.33	10	498	128	97	0.17	0.0	10.073	0.119	0	0	0	172
PL.27284	PL.26798	ABC	#1/0 ACSR	7.35Y	122.4	0.04	2.58	23.07	10	493	127	97	0.12	0.0	10.159	0.086	4	1	1	167
PL.27285	PL.27284	ABC	#1/0 ACSR	7.34Y	122.4	0.05	2.63	22.89	10	489	126	97	0.18	0.0	10.291	0.132	0	0	0	166
PL.26799	PL.27285	ABC	#1/0 ACSR	7.34Y	122.3	0.03	2.66	22.89	10	488	125	97	0.10	0.0	10.366	0.075	0	0	0	166

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: Rice Station

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.27282	PL.26799	ABC	#1/0 ACSR	7.34Y	122.3	0.02	2.68	22.89	10	488	125	97	0.08	0.0	10.425	0.059	0	0	0	166
PL.27283	PL.27282	ABC	#1/0 ACSR	7.34Y	122.3	0.03	2.71	22.89	10	488	125	97	0.09	0.0	10.488	0.063	0	0	1	166
PL.27281	PL.27283	ABC	#1/0 ACSR	7.34Y	122.3	0.03	2.74	22.89	10	488	125	97	0.10	0.0	10.561	0.073	0	0	0	165
PL.27706	PL.27281	C	#2 ACSR	7.34Y	122.3	0.00	2.74	1.25	1	9	2	98	0.00	0.0	10.566	0.005	0	0	0	6
PD.3772	PL.27706	C	40T	7.34Y	122.3	0.00	2.74	1.25	0	9	2	98	0.00	0.0	10.566	0.005	0	0	0	6
PL.27707	PD.3772	C	#2 ACSR	7.34Y	122.3	0.00	2.74	1.25	1	9	2	98	0.00	0.0	10.626	0.060	6	2	1	6
PL.26407	PL.27707	C	#4 ACSR	7.34Y	122.3	0.00	2.74	0.39	0	3	1	95	0.00	0.0	10.693	0.067	0	0	1	5
PL.26415	PL.26407	C	#1/0 ACSR	7.34Y	122.3	0.00	2.74	0.00	0	0	0	100	0.00	0.0	10.731	0.038	0	0	1	1
PL.26414	PL.26407	C	#4 ACSR	7.34Y	122.3	0.00	2.74	0.39	0	3	1	95	0.00	0.0	10.741	0.048	0	0	1	3
PL.27279	PL.26414	C	#2 ACSR	7.34Y	122.3	0.00	2.74	0.34	0	2	1	89	0.00	0.0	10.773	0.033	0	0	1	2
PL.27280	PL.27279	C	#2 ACSR	7.34Y	122.3	0.00	2.75	0.34	0	2	1	89	0.00	0.0	10.836	0.063	0	0	0	1
PL.26416	PL.27280	C	#2 ACSR	7.34Y	122.3	0.00	2.75	0.34	0	2	1	89	0.00	0.0	10.947	0.111	2	1	1	1
PL.27277	PL.27281	ABC	#1/0 ACSR	7.33Y	122.2	0.02	2.76	22.47	10	479	123	97	0.07	0.0	10.615	0.054	0	0	1	159
PL.27278	PL.27277	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.77	22.47	10	479	123	97	0.04	0.0	10.646	0.031	6	1	1	158
PL.27276	PL.27278	ABC	#1/0 ACSR	7.33Y	122.2	0.05	2.83	22.19	10	473	121	97	0.17	0.0	10.775	0.129	0	0	0	157
PL.27704	PL.27276	C	#2 ACSR	7.33Y	122.2	0.00	2.83	3.20	2	23	6	97	0.00	0.0	10.780	0.005	0	0	0	3
PD.3771	PL.27704	C	30T	7.33Y	122.2	0.00	2.83	3.20	0	23	6	97	0.00	0.0	10.780	0.005	0	0	0	3
PL.27705	PD.3771	C	#2 ACSR	7.33Y	122.2	0.01	2.83	3.20	2	23	6	97	0.00	0.0	10.862	0.083	0	0	0	3
PL.26417	PL.27705	C	6 A (CWC)	7.33Y	122.1	0.02	2.85	3.20	2	23	6	97	0.00	0.0	10.989	0.126	0	0	0	3
PL.26800	PL.26417	C	6 A (CWC)	7.33Y	122.1	0.01	2.87	3.20	2	23	6	97	0.00	0.0	11.091	0.102	0	0	0	3
PL.26801	PL.26800	C	6 A (CWC)	7.33Y	122.1	0.01	2.88	3.20	2	23	6	97	0.00	0.0	11.203	0.112	7	2	1	3
PL.27274	PL.26801	C	#4 ACSR	7.33Y	122.1	0.01	2.89	2.21	2	16	4	97	0.00	0.0	11.275	0.072	9	2	1	2
PL.27275	PL.27274	C	#4 ACSR	7.33Y	122.1	0.00	2.89	0.97	1	7	2	96	0.00	0.0	11.317	0.042	7	2	1	1
PL.26671	PL.27276	ABC	#1/0 ACSR	7.33Y	122.1	0.04	2.87	21.13	9	450	115	97	0.13	0.0	10.888	0.113	0	0	0	154
PL.27272	PL.26671	ABC	#1/0 ACSR	7.32Y	122.1	0.06	2.93	21.13	9	450	115	97	0.20	0.0	11.060	0.171	2	1	1	154
PL.27273	PL.27272	ABC	#1/0 ACSR	7.32Y	122.0	0.04	2.98	21.03	9	448	114	97	0.13	0.0	11.173	0.114	5	1	1	153
PL.27271	PL.27273	ABC	#1/0 ACSR	7.32Y	122.0	0.04	3.01	20.78	9	442	113	97	0.11	0.0	11.271	0.097	0	0	0	152
PL.27269	PL.27271	ABC	#1/0 ACSR	7.32Y	122.0	0.04	3.05	20.78	9	442	113	97	0.12	0.0	11.376	0.105	6	2	1	152
PL.27270	PL.27269	ABC	#1/0 ACSR	7.31Y	121.9	0.04	3.09	20.50	9	436	111	97	0.12	0.0	11.479	0.103	0	0	2	151
PL.27702	PL.27270	A	#1/0 ACSR	7.31Y	121.9	0.00	3.09	1.55	1	11	3	96	0.00	0.0	11.484	0.005	0	0	0	2
PD.3770	PL.27702	A	20T	7.31Y	121.9	0.00	3.09	1.55	0	11	3	96	0.00	0.0	11.484	0.005	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: Rice Station

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.27703	PD.3770	A	#1/0 ACSR	7.31Y	121.9	0.00	3.09	1.55	1	11	3	96	0.00	0.0	11.617	0.133	0	0	0	2
PL.26802	PL.27703	A	#1/0 ACSR	7.31Y	121.9	0.01	3.10	1.55	1	11	3	96	0.00	0.0	11.782	0.165	0	0	0	2
PL.27267	PL.26802	A	#1/0 ACSR	7.31Y	121.9	0.00	3.10	1.55	1	11	3	96	0.00	0.0	11.912	0.130	4	1	1	2
PL.27268	PL.27267	A	#1/0 ACSR	7.31Y	121.9	0.00	3.10	0.96	0	7	2	96	0.00	0.0	11.932	0.020	0	0	0	1
PL.26408	PL.27268	A	#4 ACSR	7.31Y	121.9	0.00	3.10	0.96	1	7	2	96	0.00	0.0	11.992	0.060	0	0	0	1
PL.26418	PL.26408	A	#4 ACSR	7.31Y	121.9	0.00	3.11	0.96	1	7	2	96	0.00	0.0	12.058	0.066	7	2	1	1
PL.26409	PL.26418	A	#4 ACSR	7.31Y	121.9	0.00	3.11	0.00	0	0	0	100	0.00	0.0	12.081	0.022	0	0	0	0
PL.26977	PL.27270	ABC	#1/0 ACSR	7.31Y	121.9	0.02	3.11	19.98	9	425	108	97	0.05	0.0	11.529	0.051	0	0	0	147
PL.27700	PL.26977	A	#2 ACSR	7.31Y	121.9	0.00	3.11	0.13	0	1	0	100	0.00	0.0	11.534	0.005	0	0	0	1
PD.3769	PL.27700	A	30T	7.31Y	121.9	0.00	3.11	0.13	0	1	0	100	0.00	0.0	11.534	0.005	0	0	0	1
PL.27701	PD.3769	A	#2 ACSR	7.31Y	121.9	0.00	3.11	0.13	0	1	0	100	0.00	0.0	11.544	0.010	1	0	1	1
PL.27265	PL.26977	ABC	#1/0 ACSR	7.31Y	121.8	0.05	3.16	19.94	9	424	108	97	0.16	0.0	11.678	0.149	0	0	1	146
PL.27266	PL.27265	ABC	#1/0 ACSR	7.31Y	121.8	0.06	3.21	19.93	9	424	108	97	0.17	0.0	11.836	0.158	0	0	0	145
PL.27698	PL.27266	C	#1/0 ACSR	7.31Y	121.8	0.00	3.21	0.18	0	1	0	100	0.00	0.0	11.841	0.005	0	0	0	2
PD.3768	PL.27698	C	25T	7.31Y	121.8	0.00	3.21	0.18	0	1	0	100	0.00	0.0	11.841	0.005	0	0	0	2
PL.27699	PD.3768	C	#1/0 ACSR	7.31Y	121.8	0.00	3.21	0.18	0	1	0	100	0.00	0.0	11.861	0.020	1	0	1	2
PL.26419	PL.27699	C	6 A (CWC)	7.31Y	121.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	11.963	0.102	0	0	0	1
PL.26804	PL.26419	C	6 A (CWC)	7.31Y	121.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	12.074	0.111	0	0	0	1
PL.26803	PL.26804	C	6 A (CWC)	7.31Y	121.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	12.169	0.095	0	0	1	1
PL.26672	PL.27266	ABC	#1/0 ACSR	7.30Y	121.7	0.05	3.26	19.87	9	422	107	97	0.15	0.0	11.975	0.139	0	0	0	143
PL.27263	PL.26672	ABC	#1/0 ACSR	7.30Y	121.7	0.05	3.32	19.87	9	422	107	97	0.16	0.0	12.128	0.153	6	2	1	143
PL.27264	PL.27263	ABC	#1/0 ACSR	7.30Y	121.6	0.06	3.38	19.57	9	416	106	97	0.18	0.0	12.304	0.175	0	0	0	142
PL.26805	PL.27264	ABC	#1/0 ACSR	7.29Y	121.6	0.06	3.44	19.57	9	415	105	97	0.16	0.0	12.465	0.161	0	0	0	142
PL.27696	PL.26805	C	#1/0 ACSR	7.29Y	121.6	0.00	3.44	0.91	0	6	2	95	0.00	0.0	12.469	0.005	0	0	0	1
PD.3767	PL.27696	C	30T	7.29Y	121.6	0.00	3.44	0.91	0	6	2	95	0.00	0.0	12.469	0.005	0	0	0	1
PL.27697	PD.3767	C	#1/0 ACSR	7.29Y	121.6	0.00	3.44	0.91	0	6	2	95	0.00	0.0	12.502	0.033	6	2	1	1
PL.27261	PL.26805	ABC	#1/0 ACSR	7.29Y	121.5	0.02	3.45	19.27	8	409	104	97	0.05	0.0	12.515	0.050	7	2	2	141
PL.27262	PL.27261	ABC	#1/0 ACSR	7.29Y	121.5	0.01	3.47	18.95	8	402	102	97	0.04	0.0	12.554	0.039	0	0	0	139
PL.26673	PL.27262	ABC	#1/0 ACSR	7.29Y	121.5	0.01	3.48	18.70	8	396	100	97	0.04	0.0	12.597	0.043	0	0	0	137
PL.27692	PL.26673	C	#1/0 ACSR	7.29Y	121.5	0.00	3.48	0.25	0	2	0	100	0.00	0.0	12.602	0.005	0	0	0	1
PD.3765	PL.27692	C	30T	7.29Y	121.5	0.00	3.48	0.25	0	2	0	100	0.00	0.0	12.602	0.005	0	0	0	1

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

Balanced Voltage Drop Report
Source: Rice Station

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.27693	PD.3765	C	#1/0 ACSR	7.29Y	121.5	0.00	3.48	0.25	0	2	0	100	0.00	0.0	12.628	0.027	2	0	1	1
PL.27846	PL.26673	ABC	#1/0 ACSR	7.29Y	121.5	0.02	3.50	17.28	8	366	93	97	0.06	0.0	12.674	0.077	0	0	0	126
PL.27847	PL.27846	ABC	#1/0 ACSR	7.29Y	121.5	0.00	3.50	17.28	8	366	93	97	0.00	0.0	12.676	0.002	0	0	0	126
PL.26676	PL.27847	ABC	#1/0 ACSR	7.29Y	121.4	0.05	3.55	15.49	7	328	83	97	0.11	0.0	12.854	0.178	0	0	0	109
PL.26677	PL.26676	ABC	#1/0 ACSR	7.29Y	121.4	0.02	3.57	15.30	7	324	82	97	0.04	0.0	12.918	0.064	0	0	0	108
PL.26427	PL.26677	ABC	#1/0 ACSR	7.28Y	121.4	0.02	3.59	15.29	7	324	82	97	0.04	0.0	12.985	0.068	0	0	0	107
PL.27420	PL.26427	ABC	#1/0 ACSR	7.28Y	121.4	0.02	3.61	15.29	7	324	82	97	0.04	0.0	13.053	0.068	1	0	1	107
PL.27421	PL.27420	ABC	#1/0 ACSR	7.28Y	121.4	0.02	3.62	15.25	7	323	82	97	0.04	0.0	13.114	0.061	4	1	1	106
PL.27860	PL.27421	ABC	#1/0 ACSR	7.28Y	121.4	0.02	3.64	14.78	6	313	79	97	0.04	0.0	13.178	0.064	0	0	0	103
PD.3849	PL.27860	ABC	35L	7.28Y	121.4	0.00	3.64	14.78	42	313	79	97	0.00	0.0	13.178	0.064	0	0	0	103
PL.27861	PD.3849	ABC	#1/0 ACSR	7.28Y	121.3	0.04	3.68	14.78	6	313	79	97	0.10	0.0	13.342	0.164	0	0	0	103
PL.26808	PL.27861	ABC	#1/0 ACSR	7.28Y	121.3	0.02	3.71	14.78	6	313	79	97	0.05	0.0	13.435	0.093	0	0	0	103
PL.27389	PL.26808	ABC	#1/0 ACSR	7.28Y	121.3	0.02	3.73	13.95	6	295	75	97	0.05	0.0	13.534	0.099	0	0	0	95
PL.27390	PL.27389	ABC	#1/0 ACSR	7.28Y	121.3	0.01	3.74	13.95	6	295	75	97	0.02	0.0	13.571	0.037	7	2	1	95
PL.27768	PL.27390	A	#2 ACSR	7.28Y	121.3	0.00	3.74	0.72	0	5	1	98	0.00	0.0	13.576	0.005	0	0	0	1
PD.3806	PL.27768	A	15T	7.28Y	121.3	0.00	3.74	0.72	0	5	1	98	0.00	0.0	13.576	0.005	0	0	0	1
PL.27769	PD.3806	A	#2 ACSR	7.28Y	121.3	0.00	3.74	0.72	0	5	1	98	0.00	0.0	13.620	0.044	5	1	1	1
PL.27820	PL.27390	ABC	#1/0 ACSR	7.28Y	121.3	0.00	3.74	13.39	6	283	72	97	0.00	0.0	13.576	0.004	0	0	0	93
PL.27821	PL.27820	ABC	#1/0 ACSR	7.27Y	121.2	0.01	3.76	13.39	6	283	72	97	0.02	0.0	13.628	0.053	6	1	2	93
PL.27766	PL.27821	A	#2 ACSR	7.27Y	121.2	0.00	3.76	0.90	1	6	2	95	0.00	0.0	13.633	0.005	0	0	0	1
PD.3805	PL.27766	A	15T	7.27Y	121.2	0.00	3.76	0.90	0	6	2	95	0.00	0.0	13.633	0.005	0	0	0	1
PL.27767	PD.3805	A	#2 ACSR	7.27Y	121.2	0.00	3.76	0.90	1	6	2	95	0.00	0.0	13.650	0.017	6	2	1	1
PL.26679	PL.27821	ABC	#1/0 ACSR	7.27Y	121.2	0.01	3.77	12.82	6	271	69	97	0.02	0.0	13.678	0.050	0	0	0	90
PL.26680	PL.26679	ABC	#1/0 ACSR	7.27Y	121.2	0.01	3.78	12.58	5	266	67	97	0.02	0.0	13.722	0.044	0	0	0	89
PL.26681	PL.26680	ABC	#1/0 ACSR	7.27Y	121.2	0.02	3.80	12.56	5	266	67	97	0.04	0.0	13.816	0.094	0	0	0	88
PL.26439	PL.26681	ABC	#1/0 ACSR	7.27Y	121.2	0.02	3.82	10.38	5	220	56	97	0.03	0.0	13.917	0.100	0	0	0	67
PL.27376	PL.26439	ABC	#1/0 ACSR	7.27Y	121.2	0.01	3.82	9.88	4	209	53	97	0.01	0.0	13.964	0.047	0	0	0	65
PL.27377	PL.27376	ABC	#1/0 ACSR	7.27Y	121.2	0.02	3.84	9.88	4	209	53	97	0.03	0.0	14.070	0.106	3	1	2	65
PL.27375	PL.27377	ABC	#1/0 ACSR	7.27Y	121.1	0.02	3.86	9.76	4	206	52	97	0.03	0.0	14.185	0.115	0	0	0	63
PL.26814	PL.27375	ABC	#1/0 ACSR	7.27Y	121.1	0.02	3.88	9.76	4	206	52	97	0.02	0.0	14.279	0.094	0	0	0	63
PL.26685	PL.26814	ABC	#1/0 ACSR	7.27Y	121.1	0.02	3.90	9.75	4	206	52	97	0.03	0.0	14.401	0.121	0	0	0	62

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Balanced Voltage Drop Report
Source: Rice Station

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.27373	PL.26685	ABC	#1/0 ACSR	7.26Y	121.1	0.02	3.92	9.75	4	206	52	97	0.03	0.0	14.533	0.132	9	2	2	62
PL.27374	PL.27373	ABC	#1/0 ACSR	7.26Y	121.1	0.02	3.94	9.34	4	197	50	97	0.03	0.0	14.645	0.113	8	2	1	60
PL.27756	PL.27374	A	#4 ACSR	7.26Y	121.1	0.00	3.94	3.13	2	22	6	96	0.00	0.0	14.650	0.005	0	0	0	4
PD.3799	PL.27756	A	20T	7.26Y	121.1	0.00	3.94	3.13	0	22	6	96	0.00	0.0	14.650	0.005	0	0	0	4
PL.27757	PD.3799	A	#4 ACSR	7.26Y	121.1	0.00	3.95	3.13	2	22	6	96	0.00	0.0	14.673	0.023	0	0	0	4
PL.27372	PL.27757	A	#4 ACSR	7.26Y	121.0	0.00	3.95	3.13	2	22	6	96	0.00	0.0	14.717	0.044	10	3	1	4
PL.26447	PL.27372	A	#4 ACSR	7.26Y	121.0	0.00	3.95	0.38	0	3	1	95	0.00	0.0	14.792	0.075	3	1	1	1
PL.26687	PL.27372	A	#4 ACSR	7.26Y	121.0	0.00	3.95	1.29	1	9	2	98	0.00	0.0	14.757	0.041	9	2	1	2
PL.26448	PL.26687	A	#4 ACSR	7.26Y	121.0	0.00	3.95	0.00	0	0	0	100	0.00	0.0	14.806	0.048	0	0	1	1
PL.27822	PL.27374	C	#4 ACSR	7.26Y	121.1	0.00	3.94	1.39	1	10	2	98	0.00	0.0	14.650	0.004	0	0	0	1
PD.3831	PL.27822	C	25T	7.26Y	121.1	0.00	3.94	1.39	0	10	2	98	0.00	0.0	14.650	0.004	0	0	0	1
PL.27823	PD.3831	C	#4 ACSR	7.26Y	121.1	0.00	3.94	1.39	1	10	2	98	0.00	0.0	14.691	0.041	10	2	1	1
PL.26686	PL.27374	ABC	#1/0 ACSR	7.26Y	121.0	0.02	3.96	7.44	3	157	40	97	0.02	0.0	14.770	0.125	8	2	1	54
PL.27754	PL.26686	C	#1/0 ACSR	7.26Y	121.0	0.00	3.96	0.04	0	0	0	100	0.00	0.0	14.775	0.005	0	0	0	1
PD.3798	PL.27754	C	15T	7.26Y	121.0	0.00	3.96	0.04	0	0	0	100	0.00	0.0	14.775	0.005	0	0	0	1
PL.27755	PD.3798	C	#1/0 ACSR	7.26Y	121.0	0.00	3.96	0.04	0	0	0	100	0.00	0.0	14.820	0.046	0	0	1	1
PL.26688	PL.26686	ABC	#1/0 ACSR	7.26Y	121.0	0.01	3.97	7.03	3	148	38	97	0.01	0.0	14.827	0.057	0	0	0	52
PL.66165	PL.26688	ABC	#1/0 ACSR	7.26Y	121.0	0.01	3.98	7.03	3	148	38	97	0.01	0.0	14.924	0.097	0	0	0	52
PD.10000	PL.66165	ABC	30T	7.26Y	121.0	0.00	3.98	7.03	0	148	38	97	0.00	0.0	14.924	0.097	0	0	0	52
PL.66166	PD.10000	ABC	#1/0 ACSR	7.26Y	121.0	0.00	3.98	7.03	3	148	38	97	0.00	0.0	14.928	0.003	0	0	0	52
PL.26815	PL.66166	ABC	#1/0 ACSR	7.26Y	121.0	0.02	4.00	7.03	3	148	38	97	0.02	0.0	15.094	0.166	0	0	0	52
PL.26816	PL.26815	ABC	#1/0 ACSR	7.26Y	121.0	0.02	4.02	7.03	3	148	38	97	0.02	0.0	15.263	0.169	0	0	0	52
PL.26817	PL.26816	ABC	#1/0 ACSR	7.26Y	121.0	0.01	4.03	7.03	3	148	37	97	0.01	0.0	15.369	0.106	0	0	0	52
PL.26819	PL.26817	ABC	#1/0 ACSR	7.26Y	121.0	0.01	4.05	7.03	3	148	37	97	0.01	0.0	15.475	0.106	0	0	0	52
PL.26818	PL.26819	ABC	#1/0 ACSR	7.26Y	120.9	0.02	4.07	7.03	3	148	37	97	0.02	0.0	15.660	0.185	0	0	0	52
PL.26820	PL.26818	ABC	#1/0 ACSR	7.25Y	120.9	0.02	4.09	7.03	3	148	37	97	0.02	0.0	15.839	0.179	0	0	0	52
PL.26821	PL.26820	ABC	#1/0 ACSR	7.25Y	120.9	0.02	4.11	7.03	3	148	37	97	0.02	0.0	16.018	0.179	0	0	0	52
PL.26822	PL.26821	ABC	#1/0 ACSR	7.25Y	120.9	0.01	4.12	7.03	3	148	37	97	0.01	0.0	16.075	0.057	0	0	0	52
PL.27750	PL.26822	C	#2 ACSR	7.25Y	120.9	0.02	4.15	10.50	6	74	19	97	0.01	0.0	16.150	0.075	0	0	0	29
PD.3796	PL.27750	C	15T	7.25Y	120.9	0.00	4.15	10.50	0	74	19	97	0.00	0.0	16.150	0.075	0	0	0	29
PL.27751	PD.3796	C	#2 ACSR	7.25Y	120.8	0.03	4.18	10.50	6	74	19	97	0.02	0.0	16.255	0.106	0	0	0	29

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Balanced Voltage Drop Report
Source: Rice Station

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.26456	PL.27751	C	6 A (CWC)	7.25Y	120.8	0.04	4.22	10.50	7	74	19	97	0.02	0.0	16.342	0.086	0	0	0	29
PL.26454	PL.26456	C	6 A (CWC)	7.24Y	120.7	0.05	4.27	10.50	7	74	19	97	0.03	0.0	16.442	0.100	0	0	1	28
PL.26451	PL.26454	C	6 A (CWC)	7.24Y	120.7	0.00	4.27	0.00	0	0	0	100	0.00	0.0	16.500	0.058	0	0	0	0
PL.26450	PL.26454	C	6 A (CWC)	7.24Y	120.7	0.05	4.32	10.48	7	74	19	97	0.03	0.0	16.544	0.102	0	0	1	27
PL.26452	PL.26450	C	#4 ACSR	7.24Y	120.7	0.00	4.32	0.45	0	3	1	95	0.00	0.0	16.636	0.092	0	0	0	2
PL.26690	PL.26452	C	#4 ACSR	7.24Y	120.7	0.00	4.32	0.00	0	0	0	100	0.00	0.0	16.721	0.086	0	0	0	0
PL.26453	PL.26452	C	#1/0 ACSR	7.24Y	120.7	0.00	4.32	0.45	0	3	1	95	0.00	0.0	16.805	0.169	3	1	2	2
PL.26689	PL.26450	C	6 A (CWC)	7.24Y	120.6	0.04	4.36	10.03	7	70	18	97	0.02	0.0	16.629	0.085	0	0	0	24
PL.27370	PL.26689	C	6 A (CWC)	7.23Y	120.6	0.06	4.42	10.03	7	70	18	97	0.03	0.0	16.767	0.138	3	1	1	24
PL.27371	PL.27370	C	6 A (CWC)	7.23Y	120.6	0.02	4.43	9.58	7	67	17	97	0.01	0.0	16.805	0.037	0	0	1	23
PL.27369	PL.27371	C	6 A (CWC)	7.23Y	120.5	0.02	4.45	9.58	7	67	17	97	0.01	0.0	16.842	0.038	5	1	1	22
PL.27368	PL.27369	C	6 A (CWC)	7.23Y	120.5	0.05	4.50	8.89	6	62	16	97	0.02	0.0	16.973	0.130	17	4	7	21
PL.26457	PL.27368	C	6 A (CWC)	7.23Y	120.5	0.00	4.50	1.08	1	8	2	97	0.00	0.0	17.068	0.095	0	0	0	1
PL.26692	PL.26457	C	6 A (CWC)	7.23Y	120.5	0.00	4.50	0.00	0	0	0	100	0.00	0.0	17.131	0.063	0	0	0	0
PL.26458	PL.26457	C	#1/0 ACSR	7.23Y	120.5	0.00	4.50	1.08	0	8	2	97	0.00	0.0	17.102	0.034	8	2	1	1
PL.26691	PL.27368	C	6 A (CWC)	7.23Y	120.5	0.04	4.53	5.45	4	38	10	97	0.01	0.0	17.121	0.149	0	0	0	13
PL.26823	PL.26691	C	6 A (CWC)	7.23Y	120.4	0.03	4.56	5.45	4	38	10	97	0.01	0.0	17.235	0.114	0	0	0	13
PL.26941	PL.26823	C	6 A (CWC)	7.23Y	120.4	0.02	4.58	5.45	4	38	10	97	0.01	0.0	17.316	0.080	0	0	0	13
PL.27366	PL.26941	C	6 A (CWC)	7.22Y	120.4	0.03	4.61	5.45	4	38	10	97	0.01	0.0	17.465	0.150	9	2	2	13
PL.27367	PL.27366	C	6 A (CWC)	7.22Y	120.4	0.00	4.62	4.19	3	29	7	97	0.00	0.0	17.488	0.022	0	0	0	11
PL.26459	PL.27367	C	6 A (CWC)	7.22Y	120.4	0.00	4.62	1.40	1	10	2	98	0.00	0.0	17.535	0.047	10	2	2	2
PL.26693	PL.27367	C	6 A (CWC)	7.22Y	120.4	0.01	4.63	2.79	2	20	5	97	0.00	0.0	17.567	0.079	0	0	0	9
PL.26460	PL.26693	C	#1/0 ACSR	7.22Y	120.4	0.00	4.63	0.20	0	1	0	100	0.00	0.0	17.610	0.043	1	0	1	1
PL.27364	PL.26693	C	6 A (CWC)	7.22Y	120.4	0.01	4.63	2.59	2	18	5	96	0.00	0.0	17.620	0.053	2	1	1	8
PL.27365	PL.27364	C	6 A (CWC)	7.22Y	120.4	0.00	4.64	2.29	2	16	4	97	0.00	0.0	17.656	0.036	0	0	0	7
PL.26694	PL.27365	C	6 A (CWC)	7.22Y	120.4	0.01	4.64	1.28	1	9	2	98	0.00	0.0	17.767	0.111	1	0	1	4
PL.26463	PL.26694	C	#4 ACSR	7.22Y	120.4	0.00	4.64	0.34	0	2	1	89	0.00	0.0	17.809	0.042	2	1	1	1
PL.26462	PL.26694	C	6 A (CWC)	7.22Y	120.4	0.00	4.65	0.80	1	6	1	99	0.00	0.0	17.884	0.117	6	1	2	2
PL.26461	PL.27365	C	#2 ACSR	7.22Y	120.4	0.00	4.64	1.02	1	7	2	96	0.00	0.0	17.689	0.033	7	2	3	3
PL.26455	PL.26456	C	#1/0 ACSR	7.25Y	120.8	0.00	4.22	0.00	0	0	0	100	0.00	0.0	16.375	0.034	0	0	1	1
PL.27752	PL.26822	B	#2 ACSR	7.25Y	120.9	0.00	4.12	10.59	6	74	19	97	0.00	0.0	16.079	0.004	0	0	0	23

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Balanced Voltage Drop Report
Source: Rice Station

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.3797	PL.27752	B	15T	7.25Y	120.9	0.00	4.12	10.59	0	74	19	97	0.00	0.0	16.079	0.004	0	0	0	23
PL.27753	PD.3797	B	#2 ACSR	7.25Y	120.9	0.02	4.14	10.59	6	74	19	97	0.01	0.0	16.126	0.046	0	0	0	23
PL.26464	PL.27753	B	6 A (CWC)	7.25Y	120.9	0.00	4.14	0.97	1	7	2	96	0.00	0.0	16.206	0.080	7	2	2	2
PL.26465	PL.27753	B	6 A (CWC)	7.25Y	120.8	0.07	4.20	9.62	7	68	17	97	0.03	0.1	16.278	0.152	0	0	0	21
PL.27362	PL.26465	B	6 A (CWC)	7.24Y	120.7	0.05	4.25	9.62	7	68	17	97	0.02	0.0	16.387	0.109	1	0	1	21
PL.27363	PL.27362	B	6 A (CWC)	7.24Y	120.7	0.05	4.30	9.48	7	67	17	97	0.02	0.0	16.496	0.108	0	0	0	20
PL.26824	PL.27363	B	6 A (CWC)	7.24Y	120.7	0.04	4.34	9.48	7	67	17	97	0.02	0.0	16.596	0.100	0	0	1	20
PL.26695	PL.26824	B	6 A (CWC)	7.24Y	120.6	0.04	4.38	5.24	4	37	9	97	0.01	0.0	16.771	0.175	0	0	0	10
PL.26829	PL.26695	B	6 A (CWC)	7.24Y	120.6	0.03	4.42	5.24	4	37	9	97	0.01	0.0	16.909	0.138	1	0	1	10
PL.26467	PL.26829	B	#4 ACSR	7.23Y	120.6	0.00	4.42	0.75	1	5	1	98	0.00	0.0	17.026	0.118	5	1	1	1
PL.26468	PL.26829	B	#4 ACSR	7.23Y	120.6	0.02	4.43	4.42	3	31	8	97	0.00	0.0	16.986	0.077	0	0	0	8
PL.26469	PL.26468	B	6 A (CWC)	7.23Y	120.5	0.02	4.45	4.42	3	31	8	97	0.00	0.0	17.089	0.103	0	0	0	8
PL.26938	PL.26469	B	6 A (CWC)	7.23Y	120.5	0.02	4.47	4.42	3	31	8	97	0.01	0.0	17.201	0.112	0	0	0	8
PL.26830	PL.26938	B	6 A (CWC)	7.23Y	120.5	0.02	4.49	4.42	3	31	8	97	0.00	0.0	17.286	0.086	0	0	0	8
PL.26937	PL.26830	B	6 A (CWC)	7.23Y	120.5	0.02	4.51	4.42	3	31	8	97	0.01	0.0	17.392	0.106	0	0	0	8
PL.26831	PL.26937	B	6 A (CWC)	7.23Y	120.5	0.02	4.53	4.42	3	31	8	97	0.00	0.0	17.486	0.094	0	0	0	8
PL.26471	PL.26831	B	#4 ACSR	7.23Y	120.5	0.00	4.53	0.79	1	6	1	99	0.00	0.0	17.501	0.015	6	1	1	1
PL.26470	PL.26831	B	6 A (CWC)	7.23Y	120.4	0.03	4.56	3.63	3	25	6	97	0.01	0.0	17.643	0.157	0	0	0	7
PL.26699	PL.26470	B	6 A (CWC)	7.23Y	120.4	0.00	4.56	0.00	0	0	0	100	0.00	0.0	17.743	0.100	0	0	0	0
PL.27358	PL.26470	B	#4 ACSR	7.23Y	120.4	0.01	4.57	3.63	3	25	6	97	0.00	0.0	17.738	0.095	5	1	2	7
PL.27359	PL.27358	B	#4 ACSR	7.23Y	120.4	0.00	4.57	2.94	2	21	5	97	0.00	0.0	17.757	0.019	0	0	0	5
PL.26474	PL.27359	B	#4 ACSR	7.23Y	120.4	0.00	4.58	1.09	1	8	2	97	0.00	0.0	17.824	0.067	1	0	2	3
PL.26476	PL.26474	B	#1/0 ACSR	7.23Y	120.4	0.00	4.58	0.93	0	6	2	95	0.00	0.0	17.962	0.139	6	2	1	1
PL.26475	PL.27359	B	#4 ACSR	7.23Y	120.4	0.00	4.58	0.95	1	7	2	96	0.00	0.0	17.833	0.076	7	2	1	1
PL.26700	PL.27359	B	#4 ACSR	7.23Y	120.4	0.00	4.58	0.90	1	6	2	95	0.00	0.0	17.866	0.109	6	2	1	1
PL.26698	PL.26468	B	#4 ACSR	7.23Y	120.6	0.00	4.43	0.00	0	0	0	100	0.00	0.0	17.079	0.093	0	0	0	0
PL.26472	PL.26824	B	6 A (CWC)	7.24Y	120.7	0.00	4.34	1.29	1	9	2	98	0.00	0.0	16.664	0.068	9	2	1	1
PL.27748	PL.26824	B	6 A (CWC)	7.24Y	120.6	0.02	4.36	2.95	2	21	5	97	0.00	0.0	16.738	0.142	0	0	0	8
PD.3795	PL.27748	B	10T	7.24Y	120.6	0.00	4.36	2.95	0	21	5	97	0.00	0.0	16.738	0.142	0	0	0	8
PL.27749	PD.3795	B	6 A (CWC)	7.24Y	120.6	0.02	4.39	2.95	2	21	5	97	0.00	0.0	16.923	0.185	0	0	0	8
PL.26696	PL.27749	B	6 A (CWC)	7.24Y	120.6	0.02	4.40	2.63	2	18	5	96	0.00	0.0	17.051	0.127	0	0	0	6

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Balanced Voltage Drop Report
Source: Rice Station

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.26825	PL.26696	B	6 A (CWC)	7.23Y	120.6	0.02	4.42	2.63	2	18	5	96	0.00	0.0	17.194	0.144	0	0	0	6
PL.26826	PL.26825	B	6 A (CWC)	7.23Y	120.6	0.01	4.43	2.63	2	18	5	96	0.00	0.0	17.305	0.111	0	0	0	6
PL.27360	PL.26826	B	6 A (CWC)	7.23Y	120.6	0.01	4.44	1.77	1	12	3	97	0.00	0.0	17.413	0.108	10	3	1	2
PL.27361	PL.27360	B	6 A (CWC)	7.23Y	120.6	0.00	4.44	0.31	0	2	1	89	0.00	0.0	17.484	0.071	2	1	1	1
PL.26697	PL.26826	B	6 A (CWC)	7.23Y	120.6	0.01	4.44	0.87	1	6	2	95	0.00	0.0	17.436	0.131	0	0	0	4
PL.26827	PL.26697	B	6 A (CWC)	7.23Y	120.6	0.00	4.44	0.87	1	6	2	95	0.00	0.0	17.508	0.072	5	1	2	4
PL.26473	PL.26827	B	6 A (CWC)	7.23Y	120.6	0.00	4.44	0.18	0	1	0	100	0.00	0.0	17.821	0.313	0	0	0	2
PL.26828	PL.26473	B	6 A (CWC)	7.23Y	120.6	0.00	4.44	0.18	0	1	0	100	0.00	0.0	17.848	0.027	1	0	2	2
PL.26466	PL.27749	B	#4 ACSR	7.24Y	120.6	0.00	4.39	0.32	0	2	1	89	0.00	0.0	16.987	0.064	2	1	2	2
PL.27758	PL.26814	C	#2 ACSR	7.27Y	121.1	0.00	3.88	0.03	0	0	0	100	0.00	0.0	14.284	0.005	0	0	0	1
PD.3800	PL.27758	C	15T	7.27Y	121.1	0.00	3.88	0.03	0	0	0	100	0.00	0.0	14.284	0.005	0	0	0	1
PL.27759	PD.3800	C	#2 ACSR	7.27Y	121.1	0.00	3.88	0.03	0	0	0	100	0.00	0.0	14.419	0.135	0	0	1	1
PL.27760	PL.26439	A	#1/0 ACSR	7.27Y	121.2	0.00	3.82	1.50	1	11	3	96	0.00	0.0	13.921	0.005	0	0	0	2
PD.3801	PL.27760	A	15T	7.27Y	121.2	0.00	3.82	1.50	0	11	3	96	0.00	0.0	13.921	0.005	0	0	0	2
PL.27761	PD.3801	A	#1/0 ACSR	7.27Y	121.2	0.00	3.82	1.50	1	11	3	96	0.00	0.0	13.952	0.030	11	3	2	2
PL.26440	PL.26681	C	#4 ACSR	7.27Y	121.2	0.00	3.80	6.54	5	46	12	97	0.00	0.0	13.820	0.004	0	0	0	21
PD.3802	PL.26440	C	20T	7.27Y	121.2	0.00	3.80	6.54	0	46	12	97	0.00	0.0	13.820	0.004	0	0	0	21
PL.26441	PD.3802	C	#4 ACSR	7.27Y	121.2	0.00	3.80	0.45	0	3	1	95	0.00	0.0	13.865	0.044	3	1	1	1
PL.26682	PD.3802	C	#4 ACSR	7.27Y	121.2	0.01	3.81	6.09	5	43	11	97	0.00	0.0	13.861	0.041	0	0	0	20
PL.27387	PL.26682	C	6 A (CWC)	7.27Y	121.2	0.01	3.82	6.09	4	43	11	97	0.00	0.0	13.894	0.033	3	1	1	20
PL.27388	PL.27387	C	6 A (CWC)	7.27Y	121.2	0.01	3.83	5.69	4	40	10	97	0.00	0.0	13.937	0.043	0	0	0	19
PL.26442	PL.27388	C	#4 ACSR	7.27Y	121.2	0.00	3.83	1.36	1	10	2	98	0.00	0.0	13.970	0.033	10	2	2	2
PL.26683	PL.27388	C	6 A (CWC)	7.27Y	121.2	0.01	3.84	4.33	3	31	8	97	0.00	0.0	14.003	0.066	3	1	2	17
PL.27385	PL.26683	C	#4 ACSR	7.27Y	121.1	0.01	3.86	3.97	3	28	7	97	0.00	0.0	14.093	0.089	7	2	3	15
PL.27386	PL.27385	C	#4 ACSR	7.27Y	121.1	0.00	3.86	2.99	2	21	5	97	0.00	0.0	14.136	0.043	8	2	3	12
PL.27384	PL.27386	C	#4 ACSR	7.27Y	121.1	0.01	3.87	1.83	1	13	3	97	0.00	0.0	14.208	0.072	0	0	0	9
PL.26443	PL.27384	C	#4 ACSR	7.27Y	121.1	0.00	3.87	0.00	0	0	0	100	0.00	0.0	14.289	0.081	0	0	0	0
PL.26684	PL.27384	C	#4 ACSR	7.27Y	121.1	0.01	3.88	1.83	1	13	3	97	0.00	0.0	14.334	0.126	0	0	0	9
PL.27382	PL.26684	C	#4 ACSR	7.27Y	121.1	0.01	3.89	1.83	1	13	3	97	0.00	0.0	14.473	0.139	2	1	2	9
PL.27383	PL.27382	C	#4 ACSR	7.27Y	121.1	0.00	3.89	1.54	1	11	3	96	0.00	0.0	14.545	0.072	2	0	1	7
PL.27381	PL.27383	C	#4 ACSR	7.27Y	121.1	0.01	3.90	1.27	1	9	2	98	0.00	0.0	14.685	0.140	3	1	1	6

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Balanced Voltage Drop Report
Source: Rice Station

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.27380	PL.27381	C	#4 ACSR	7.27Y	121.1	0.00	3.90	0.79	1	6	1	99	0.00	0.0	14.716	0.032	0	0	0	5
PL.26445	PL.27380	C	#4 ACSR	7.27Y	121.1	0.00	3.90	0.42	0	3	1	95	0.00	0.0	14.794	0.077	0	0	0	3
PL.26444	PL.26445	C	#2 ACSR	7.27Y	121.1	0.00	3.90	0.40	0	3	1	95	0.00	0.0	14.850	0.057	3	1	2	2
PL.26446	PL.26445	C	#4 ACSR	7.27Y	121.1	0.00	3.90	0.03	0	0	0	100	0.00	0.0	14.881	0.088	0	0	1	1
PL.27378	PL.27380	C	#4 ACSR	7.27Y	121.1	0.00	3.90	0.37	0	3	1	95	0.00	0.0	14.815	0.099	0	0	1	2
PL.27379	PL.27378	C	#4 ACSR	7.27Y	121.1	0.00	3.90	0.36	0	3	1	95	0.00	0.0	14.921	0.106	3	1	1	1
PL.27762	PL.26680	C	#2 ACSR	7.27Y	121.2	0.00	3.78	0.05	0	0	0	100	0.00	0.0	13.727	0.005	0	0	0	1
PD.3803	PL.27762	C	15T	7.27Y	121.2	0.00	3.78	0.05	0	0	0	100	0.00	0.0	13.727	0.005	0	0	0	1
PL.27763	PD.3803	C	#2 ACSR	7.27Y	121.2	0.00	3.78	0.05	0	0	0	100	0.00	0.0	13.763	0.036	0	0	1	1
PL.27764	PL.26679	A	#4 ACSR	7.27Y	121.2	0.00	3.77	0.71	1	5	1	98	0.00	0.0	13.682	0.005	0	0	0	1
PD.3804	PL.27764	A	15T	7.27Y	121.2	0.00	3.77	0.71	0	5	1	98	0.00	0.0	13.682	0.005	0	0	0	1
PL.27765	PD.3804	A	#4 ACSR	7.27Y	121.2	0.00	3.77	0.71	1	5	1	98	0.00	0.0	13.706	0.023	5	1	1	1
PL.27818	PL.27390	A	#1/0 ACSR	7.28Y	121.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	13.576	0.004	0	0	0	0
PD.3830	PL.27818	A	15T	7.28Y	121.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	13.576	0.004	0	0	0	0
PL.27819	PD.3830	A	#1/0 ACSR	7.28Y	121.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	13.716	0.140	0	0	0	0
PL.27770	PL.26808	A	#2 ACSR	7.28Y	121.3	0.00	3.71	2.47	1	17	4	97	0.00	0.0	13.440	0.005	0	0	0	8
PD.3807	PL.27770	A	20T	7.28Y	121.3	0.00	3.71	2.47	0	17	4	97	0.00	0.0	13.440	0.005	0	0	0	8
PL.27771	PD.3807	A	#2 ACSR	7.28Y	121.3	0.00	3.71	2.47	1	17	4	97	0.00	0.0	13.460	0.020	0	0	0	8
PL.26431	PL.27771	A	6 A (CWC)	7.28Y	121.3	0.01	3.72	2.47	2	17	4	97	0.00	0.0	13.572	0.113	0	0	0	8
PL.26810	PL.26431	A	6 A (CWC)	7.28Y	121.3	0.01	3.74	2.47	2	17	4	97	0.00	0.0	13.683	0.111	0	0	0	8
PL.26809	PL.26810	A	6 A (CWC)	7.28Y	121.3	0.01	3.75	2.47	2	17	4	97	0.00	0.0	13.779	0.096	0	0	0	8
PL.26983	PL.26809	A	#4 ACSR	7.27Y	121.2	0.01	3.75	1.61	1	11	3	96	0.00	0.0	13.855	0.075	0	0	0	5
PL.26984	PL.26983	A	#4 ACSR	7.27Y	121.2	0.00	3.75	0.46	0	3	1	95	0.00	0.0	13.928	0.074	3	1	1	1
PL.26434	PL.26983	A	#4 ACSR	7.27Y	121.2	0.01	3.76	1.15	1	8	2	97	0.00	0.0	13.957	0.102	0	0	0	4
PL.26811	PL.26434	A	#4 ACSR	7.27Y	121.2	0.00	3.76	1.15	1	8	2	97	0.00	0.0	14.062	0.105	4	1	2	4
PL.26435	PL.26811	A	#4 ACSR	7.27Y	121.2	0.00	3.76	0.59	0	4	1	97	0.00	0.0	14.172	0.110	0	0	0	2
PL.27393	PL.26435	A	#4 ACSR	7.27Y	121.2	0.00	3.76	0.59	0	4	1	97	0.00	0.0	14.267	0.095	4	1	1	2
PL.27394	PL.27393	A	#4 ACSR	7.27Y	121.2	0.00	3.76	0.00	0	0	0	100	0.00	0.0	14.336	0.069	0	0	1	1
PL.26436	PL.26809	A	6 A (CWC)	7.27Y	121.2	0.00	3.75	0.86	1	6	2	95	0.00	0.0	13.904	0.125	0	0	0	3
PL.26437	PL.26436	A	6 A (CWC)	7.27Y	121.2	0.00	3.75	0.38	0	3	1	95	0.00	0.0	14.015	0.111	0	0	0	1
PL.26812	PL.26437	A	6 A (CWC)	7.27Y	121.2	0.00	3.76	0.38	0	3	1	95	0.00	0.0	14.163	0.148	0	0	0	1

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

Balanced Voltage Drop Report
Source: Rice Station

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.26438	PL.26812	A	#1/0 ACSR	7.27Y	121.2	0.00	3.76	0.38	0	3	1	95	0.00	0.0	14.260	0.097	0	0	0	1
PL.26813	PL.26438	A	#1/0 ACSR	7.27Y	121.2	0.00	3.76	0.38	0	3	1	95	0.00	0.0	14.392	0.133	3	1	1	1
PL.26678	PL.26436	A	6 A (CWC)	7.27Y	121.2	0.00	3.75	0.49	0	3	1	95	0.00	0.0	13.952	0.048	1	0	1	2
PL.27391	PL.26678	A	#4 ACSR	7.27Y	121.2	0.00	3.75	0.29	0	2	1	89	0.00	0.0	14.007	0.055	0	0	0	1
PL.27392	PL.27391	A	#4 ACSR	7.27Y	121.2	0.00	3.75	0.29	0	2	1	89	0.00	0.0	14.153	0.146	2	1	1	1
PL.27772	PL.27421	C	6 A (CWC)	7.28Y	121.4	0.00	3.62	0.91	1	6	2	95	0.00	0.0	13.118	0.005	0	0	0	2
PD.3808	PL.27772	C	15T	7.28Y	121.4	0.00	3.62	0.91	0	6	2	95	0.00	0.0	13.118	0.005	0	0	0	2
PL.27773	PD.3808	C	6 A (CWC)	7.28Y	121.4	0.01	3.63	0.91	1	6	2	95	0.00	0.0	13.261	0.142	0	0	0	2
PL.26807	PL.27773	C	6 A (CWC)	7.28Y	121.4	0.01	3.64	0.91	1	6	2	95	0.00	0.0	13.383	0.122	0	0	0	2
PL.26933	PL.26807	C	6 A (CWC)	7.28Y	121.4	0.00	3.64	0.91	1	6	2	95	0.00	0.0	13.488	0.105	3	1	1	2
PL.26433	PL.26933	C	#4 ACSR	7.28Y	121.4	0.00	3.64	0.52	0	4	1	97	0.00	0.0	13.512	0.024	0	0	0	1
PL.26432	PL.26433	C	6 A (CWC)	7.28Y	121.4	0.00	3.64	0.52	0	4	1	97	0.00	0.0	13.583	0.072	4	1	1	1
PL.27689	PL.26677	A	#2 ACSR	7.29Y	121.4	0.00	3.57	0.03	0	0	0	100	0.00	0.0	12.922	0.004	0	0	0	1
PD.3763	PL.27689	A	30T	7.29Y	121.4	0.00	3.57	0.03	0	0	0	100	0.00	0.0	12.922	0.004	0	0	0	1
PL.27688	PD.3763	A	#2 ACSR	7.29Y	121.4	0.00	3.57	0.03	0	0	0	100	0.00	0.0	12.934	0.012	0	0	1	1
PL.27690	PL.26676	A	#1/0 ACSR	7.29Y	121.4	0.00	3.55	0.59	0	4	1	97	0.00	0.0	12.858	0.004	0	0	0	1
PD.3764	PL.27690	A	30T	7.29Y	121.4	0.00	3.55	0.59	0	4	1	97	0.00	0.0	12.858	0.004	0	0	0	1
PL.27691	PD.3764	A	#1/0 ACSR	7.29Y	121.4	0.00	3.55	0.59	0	4	1	97	0.00	0.0	12.879	0.022	4	1	1	1
PL.27848	PL.27847	A	#2 ACSR	7.29Y	121.5	0.00	3.50	5.34	3	38	9	97	0.00	0.0	12.679	0.003	0	0	0	17
PD.3843	PL.27848	A	35L	7.29Y	121.5	0.00	3.50	5.34	15	38	9	97	0.00	0.0	12.679	0.003	0	0	0	17
PL.27849	PD.3843	A	#2 ACSR	7.29Y	121.5	0.01	3.52	5.34	3	38	9	97	0.00	0.0	12.758	0.080	2	1	1	17
PL.26421	PL.27849	A	6 A (CWC)	7.29Y	121.5	0.02	3.54	5.04	4	36	9	97	0.01	0.0	12.846	0.088	1	0	1	16
PL.26674	PL.26421	A	6 A (CWC)	7.29Y	121.4	0.01	3.55	3.47	2	25	6	97	0.00	0.0	12.955	0.109	9	2	3	10
PL.26425	PL.26674	A	#4 ACSR	7.29Y	121.4	0.00	3.55	1.28	1	9	2	98	0.00	0.0	13.032	0.077	2	1	1	4
PL.26420	PL.26425	A	#2 ACSR	7.29Y	121.4	0.00	3.56	0.96	1	7	2	96	0.00	0.0	13.158	0.126	0	0	0	3
PL.26426	PL.26420	A	#2 ACSR	7.29Y	121.4	0.00	3.56	0.96	1	7	2	96	0.00	0.0	13.289	0.131	0	0	0	3
PL.26806	PL.26426	A	#2 ACSR	7.29Y	121.4	0.01	3.57	0.96	1	7	2	96	0.00	0.0	13.458	0.169	0	0	0	3
PL.27250	PL.26806	A	#2 ACSR	7.29Y	121.4	0.00	3.57	0.96	1	7	2	96	0.00	0.0	13.575	0.117	0	0	1	3
PL.27251	PL.27250	A	#2 ACSR	7.29Y	121.4	0.01	3.58	0.95	1	7	2	96	0.00	0.0	13.760	0.185	0	0	0	2
PL.27252	PL.27251	A	#2 ACSR	7.29Y	121.4	0.00	3.58	0.95	1	7	2	96	0.00	0.0	13.942	0.182	7	2	1	2
PL.27253	PL.27252	A	#2 ACSR	7.29Y	121.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	14.016	0.074	0	0	1	1

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Balanced Voltage Drop Report
Source: Rice Station

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.27254	PL.26674	A	6 A (CWC)	7.29Y	121.4	0.00	3.55	0.87	1	6	2	95	0.00	0.0	13.008	0.053	6	2	3	3
PL.27255	PL.27254	A	6 A (CWC)	7.29Y	121.4	0.00	3.55	0.00	0	0	0	100	0.00	0.0	13.074	0.066	0	0	0	0
PL.27256	PL.26421	A	6 A (CWC)	7.29Y	121.5	0.01	3.55	1.40	1	10	2	98	0.00	0.0	13.006	0.160	0	0	0	5
PL.27257	PL.27256	A	6 A (CWC)	7.29Y	121.4	0.01	3.55	1.40	1	10	2	98	0.00	0.0	13.099	0.093	1	0	1	5
PL.26675	PL.27257	A	6 A (CWC)	7.29Y	121.4	0.00	3.55	0.19	0	1	0	100	0.00	0.0	13.215	0.116	0	0	0	3
PL.26423	PL.26675	A	#4 ACSR	7.29Y	121.4	0.00	3.55	0.00	0	0	0	100	0.00	0.0	13.267	0.052	0	0	0	0
PL.26424	PL.26675	A	#4 ACSR	7.29Y	121.4	0.00	3.55	0.19	0	1	0	100	0.00	0.0	13.253	0.038	1	0	3	3
PL.26422	PL.27257	A	#1/0 ACSR	7.29Y	121.4	0.00	3.55	1.13	0	8	2	97	0.00	0.0	13.144	0.046	8	2	1	1
PL.27816	PL.26673	C	#1/0 ACSR	7.29Y	121.5	0.00	3.48	4.02	2	28	7	97	0.00	0.0	12.602	0.005	0	0	0	10
PD.3829	PL.27816	C	30T	7.29Y	121.5	0.00	3.48	4.02	0	28	7	97	0.00	0.0	12.602	0.005	0	0	0	10
PL.27817	PD.3829	C	#1/0 ACSR	7.29Y	121.5	0.00	3.48	4.02	2	28	7	97	0.00	0.0	12.612	0.010	13	3	6	10
PL.27259	PL.27817	C	6 A (CWC)	7.29Y	121.5	0.00	3.48	2.18	2	15	4	97	0.00	0.0	12.651	0.039	3	1	2	4
PL.27260	PL.27259	C	6 A (CWC)	7.29Y	121.5	0.00	3.49	1.76	1	12	3	97	0.00	0.0	12.679	0.029	10	3	1	2
PL.27258	PL.27260	C	6 A (CWC)	7.29Y	121.5	0.00	3.49	0.32	0	2	1	89	0.00	0.0	12.740	0.061	2	1	1	1
PL.27694	PL.27262	C	#1/0 ACSR	7.29Y	121.5	0.00	3.47	0.77	0	5	1	98	0.00	0.0	12.558	0.005	0	0	0	2
PD.3766	PL.27694	C	30T	7.29Y	121.5	0.00	3.47	0.77	0	5	1	98	0.00	0.0	12.558	0.005	0	0	0	2
PL.27695	PD.3766	C	#1/0 ACSR	7.29Y	121.5	0.00	3.47	0.77	0	5	1	98	0.00	0.0	12.577	0.018	5	1	2	2
PL.27708	PL.26798	A	#4 ACSR	7.35Y	122.5	0.00	2.54	0.76	1	5	1	98	0.00	0.0	10.078	0.005	0	0	0	5
PD.3773	PL.27708	A	12T	7.35Y	122.5	0.00	2.54	0.76	0	5	1	98	0.00	0.0	10.078	0.005	0	0	0	5
PL.27709	PD.3773	A	#4 ACSR	7.35Y	122.5	0.00	2.54	0.76	1	5	1	98	0.00	0.0	10.145	0.067	0	0	0	5
PL.26412	PL.27709	A	#1/0 ACSR	7.35Y	122.5	0.00	2.54	0.76	0	5	1	98	0.00	0.0	10.177	0.033	3	1	1	5
PL.26413	PL.26412	A	#2 ACSR	7.35Y	122.5	0.00	2.54	0.40	0	3	1	95	0.00	0.0	10.242	0.065	3	1	3	3
PL.26406	PL.26412	A	#1/0 ACSR	7.35Y	122.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	10.250	0.073	0	0	1	1
PL.27712	PL.26796	C	#1/0 ACSR	7.36Y	122.6	0.00	2.38	1.46	1	10	3	96	0.00	0.0	9.700	0.005	0	0	0	1
PD.3775	PL.27712	C	30T	7.36Y	122.6	0.00	2.38	1.46	0	10	3	96	0.00	0.0	9.700	0.005	0	0	0	1
PL.27713	PD.3775	C	#1/0 ACSR	7.36Y	122.6	0.00	2.38	1.46	1	10	3	96	0.00	0.0	9.732	0.032	10	3	1	1
PL.27628	PL.27871	A	#2 ACSR	7.40Y	123.3	0.00	1.75	0.19	0	1	0	100	0.00	0.0	8.284	0.005	0	0	0	1
PD.3732	PL.27628	A	65T	7.40Y	123.3	0.00	1.75	0.19	0	1	0	100	0.00	0.0	8.284	0.005	0	0	0	1
PL.27629	PD.3732	A	#2 ACSR	7.40Y	123.3	0.00	1.75	0.19	0	1	0	100	0.00	0.0	8.312	0.028	1	0	1	1
CP.41	PL.27870	ABC	Cap (300)	7.40Y	123.3	0.00	1.73	0.00	0	0	0	100	0.00	0.0	8.246	0.028	0	0	0	0
PL.27632	PL.26666	A	#2 ACSR	7.41Y	123.4	0.00	1.55	1.02	1	7	2	96	0.00	0.0	7.877	0.005	0	0	0	2

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Balanced Voltage Drop Report
Source: Rice Station

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.3734	PL.27632	A	65T	7.41Y	123.4	0.00	1.55	1.02	0	7	2	96	0.00	0.0	7.877	0.005	0	0	0	2
PL.27633	PD.3734	A	#2 ACSR	7.41Y	123.4	0.00	1.55	1.02	1	7	2	96	0.00	0.0	7.904	0.028	7	2	2	2
PL.27636	PL.26664	C	#4 ACSR	7.41Y	123.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	7.690	0.005	0	0	0	0
PD.3736	PL.27636	C	40T	7.41Y	123.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	7.690	0.005	0	0	0	0
PL.27637	PD.3736	C	#4 ACSR	7.41Y	123.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	7.772	0.082	0	0	0	0
PL.27676	PL.26663	C	#2 ACSR	7.44Y	124.0	0.00	1.01	3.75	2	27	7	97	0.00	0.0	6.759	0.005	0	0	0	5
PD.3757	PL.27676	C	65T	7.44Y	124.0	0.00	1.01	3.75	0	27	7	97	0.00	0.0	6.759	0.005	0	0	0	5
PL.27677	PD.3757	C	#2 ACSR	7.44Y	124.0	0.01	1.01	3.75	2	27	7	97	0.00	0.0	6.822	0.062	17	4	2	5
PL.27244	PL.27677	C	#2 ACSR	7.44Y	124.0	0.00	1.02	1.45	1	10	3	96	0.00	0.0	6.904	0.082	0	0	0	3
PL.26395	PL.27244	C	#4 ACSR	7.44Y	124.0	0.00	1.02	0.37	0	3	1	95	0.00	0.0	6.971	0.068	3	1	2	2
PL.27242	PL.27244	C	#1/0 ACSR	7.44Y	124.0	0.00	1.02	1.07	0	8	2	97	0.00	0.0	6.942	0.039	0	0	0	1
PL.27243	PL.27242	C	#1/0 ACSR	7.44Y	124.0	0.00	1.02	1.07	0	8	2	97	0.00	0.0	7.007	0.065	8	2	1	1
PL.27678	PL.26662	A	#2 ACSR	7.44Y	124.0	0.00	0.99	1.03	1	7	2	96	0.00	0.0	6.718	0.005	0	0	0	2
PD.3758	PL.27678	A	65T	7.44Y	124.0	0.00	0.99	1.03	0	7	2	96	0.00	0.0	6.718	0.005	0	0	0	2
PL.27679	PD.3758	A	#2 ACSR	7.44Y	124.0	0.00	0.99	1.03	1	7	2	96	0.00	0.0	6.744	0.026	7	2	2	2
PL.27680	PL.27247	C	#4 ACSR	7.44Y	124.1	0.00	0.94	1.51	1	11	3	96	0.00	0.0	6.618	0.005	0	0	0	1
PD.3759	PL.27680	C	65T	7.44Y	124.1	0.00	0.94	1.51	0	11	3	96	0.00	0.0	6.618	0.005	0	0	0	1
PL.27681	PD.3759	C	#4 ACSR	7.44Y	124.1	0.00	0.94	1.51	1	11	3	96	0.00	0.0	6.664	0.046	0	0	0	1
PL.27245	PL.27681	C	#4 ACSR	7.44Y	124.1	0.00	0.94	1.51	1	11	3	96	0.00	0.0	6.726	0.062	11	3	1	1
PL.27682	PL.27249	C	#2 ACSR	7.45Y	124.1	0.00	0.88	0.69	0	5	1	98	0.00	0.0	6.505	0.005	0	0	0	1
PD.3760	PL.27682	C	65T	7.45Y	124.1	0.00	0.88	0.69	0	5	1	98	0.00	0.0	6.505	0.005	0	0	0	1
PL.27683	PD.3760	C	#2 ACSR	7.45Y	124.1	0.00	0.88	0.69	0	5	1	98	0.00	0.0	6.520	0.015	5	1	1	1
PL.27686	PL.26391	A	6 A (CWC)	7.46Y	124.3	0.00	0.73	0.83	1	6	2	95	0.00	0.0	6.220	0.005	0	0	0	3
PD.3762	PL.27686	A	15T	7.46Y	124.3	0.00	0.73	0.83	0	6	2	95	0.00	0.0	6.220	0.005	0	0	0	3
PL.27687	PD.3762	A	6 A (CWC)	7.46Y	124.3	0.00	0.73	0.83	1	6	2	95	0.00	0.0	6.329	0.109	0	0	0	3
PL.26785	PL.27687	A	6 A (CWC)	7.46Y	124.3	0.00	0.74	0.83	1	6	2	95	0.00	0.0	6.434	0.105	0	0	0	3
PL.26786	PL.26785	A	6 A (CWC)	7.46Y	124.3	0.00	0.74	0.83	1	6	1	99	0.00	0.0	6.521	0.086	0	0	0	3
PL.26392	PL.26786	A	6 A (CWC)	7.46Y	124.3	0.00	0.74	0.65	0	5	1	98	0.00	0.0	6.623	0.103	0	0	0	2
PL.26393	PL.26392	A	#1/0 ACSR	7.46Y	124.3	0.00	0.74	0.65	0	5	1	98	0.00	0.0	6.682	0.059	5	1	2	2
PL.26661	PL.26786	A	6 A (CWC)	7.46Y	124.3	0.00	0.74	0.17	0	1	0	100	0.00	0.0	6.604	0.084	1	0	1	1
PL.27578	PL.26964	C	#2 ACSR	7.46Y	124.3	0.00	0.66	0.44	0	3	1	95	0.00	0.0	6.100	0.005	0	0	0	1

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Balanced Voltage Drop Report
Source: Rice Station

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.3707	PL.27578	C	65T	7.46Y	124.3	0.00	0.66	0.44	0	3	1	95	0.00	0.0	6.100	0.005	0	0	0	1
PL.27579	PD.3707	C	#2 ACSR	7.46Y	124.3	0.00	0.67	0.44	0	3	1	95	0.00	0.0	6.135	0.035	3	1	1	1
PL.26390	PL.27131	C	#2 ACSR	7.46Y	124.4	0.00	0.63	1.31	1	9	2	98	0.00	0.0	6.051	0.032	9	2	6	6
PL.27810	PL.26648	B	#2 ACSR	7.47Y	124.6	0.00	0.43	1.21	1	9	2	98	0.00	0.0	5.666	0.005	0	0	0	1
PD.3826	PL.27810	B	65T	7.47Y	124.6	0.00	0.43	1.21	0	9	2	98	0.00	0.0	5.666	0.005	0	0	0	1
PL.27811	PD.3826	B	#2 ACSR	7.47Y	124.6	0.00	0.44	1.21	1	9	2	98	0.00	0.0	5.694	0.028	9	2	1	1
PL.27852	PL.26648	ABC	#1/0 ACSR	7.47Y	124.5	0.03	0.47	20.27	9	441	111	97	0.10	0.0	5.755	0.094	0	0	0	114
PD.3845	PL.27852	ABC	70L	7.47Y	124.5	0.00	0.47	20.27	29	440	111	97	0.00	0.0	5.755	0.094	0	0	0	114
PL.27853	PD.3845	ABC	#1/0 ACSR	7.47Y	124.5	0.01	0.48	20.27	9	440	111	97	0.04	0.0	5.796	0.041	0	0	0	114
PL.27602	PL.27853	A	6 A (CWC)	7.47Y	124.5	0.00	0.48	0.67	0	5	1	98	0.00	0.0	5.800	0.005	0	0	0	3
PD.3719	PL.27602	A	20T	7.47Y	124.5	0.00	0.48	0.67	0	5	1	98	0.00	0.0	5.800	0.005	0	0	0	3
PL.27603	PD.3719	A	6 A (CWC)	7.47Y	124.5	0.00	0.48	0.67	0	5	1	98	0.00	0.0	5.844	0.044	5	1	3	3
PL.27158	PL.27853	ABC	#1/0 ACSR	7.47Y	124.5	0.05	0.53	20.04	9	436	110	97	0.14	0.0	5.928	0.133	0	0	1	111
PL.27159	PL.27158	ABC	#1/0 ACSR	7.47Y	124.4	0.05	0.58	20.04	9	435	110	97	0.14	0.0	6.061	0.133	1	0	2	110
PL.27600	PL.27159	C	#4 ACSR	7.47Y	124.4	0.00	0.58	2.61	2	19	5	97	0.00	0.0	6.066	0.005	0	0	0	2
PD.3718	PL.27600	C	40T	7.47Y	124.4	0.00	0.58	2.61	0	19	5	97	0.00	0.0	6.066	0.005	0	0	0	2
PL.27601	PD.3718	C	#4 ACSR	7.47Y	124.4	0.00	0.58	2.61	2	19	5	97	0.00	0.0	6.106	0.041	10	2	1	2
PL.27157	PL.27601	C	#4 ACSR	7.46Y	124.4	0.00	0.58	1.25	1	9	2	98	0.00	0.0	6.207	0.100	9	2	1	1
PL.26649	PL.27159	ABC	#1/0 ACSR	7.46Y	124.4	0.03	0.61	19.11	8	415	105	97	0.10	0.0	6.162	0.101	0	0	0	106
PL.27155	PL.26649	ABC	#1/0 ACSR	7.46Y	124.4	0.03	0.65	19.11	8	415	105	97	0.10	0.0	6.264	0.101	16	4	3	106
PL.27156	PL.27155	ABC	#1/0 ACSR	7.46Y	124.3	0.02	0.67	18.35	8	398	100	97	0.06	0.0	6.333	0.069	0	0	0	103
PL.27153	PL.27156	ABC	#1/0 ACSR	7.46Y	124.3	0.04	0.71	18.35	8	398	100	97	0.11	0.0	6.454	0.121	3	1	1	103
PL.27154	PL.27153	ABC	#1/0 ACSR	7.46Y	124.3	0.02	0.73	18.20	8	395	99	97	0.06	0.0	6.519	0.065	10	2	1	102
PL.27598	PL.27154	C	6 A (CWC)	7.46Y	124.3	0.00	0.73	0.56	0	4	1	97	0.00	0.0	6.524	0.005	0	0	0	1
PD.3717	PL.27598	C	40T	7.46Y	124.3	0.00	0.73	0.56	0	4	1	97	0.00	0.0	6.524	0.005	0	0	0	1
PL.27599	PD.3717	C	6 A (CWC)	7.46Y	124.3	0.00	0.73	0.56	0	4	1	97	0.00	0.0	6.561	0.037	4	1	1	1
PL.27151	PL.27154	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.75	17.56	8	381	96	97	0.06	0.0	6.594	0.075	8	2	2	100
PL.27152	PL.27151	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.77	17.20	7	373	94	97	0.06	0.0	6.665	0.070	4	1	1	98
PL.27148	PL.27152	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.79	16.49	7	358	90	97	0.04	0.0	6.724	0.059	29	7	8	90
PL.27149	PL.27148	ABC	#1/0 ACSR	7.45Y	124.2	0.01	0.80	15.15	7	328	83	97	0.03	0.0	6.770	0.047	0	0	0	82
PL.26650	PL.27149	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.82	14.14	6	307	77	97	0.04	0.0	6.843	0.073	13	3	2	74

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Balanced Voltage Drop Report
Source: Rice Station

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.27592	PL.26650	A	6 A (CWC)	7.45Y	124.2	0.00	0.82	6.17	4	45	11	97	0.00	0.0	6.848	0.005	0	0	0	11
PD.3714	PL.27592	A	20T	7.45Y	124.2	0.00	0.82	6.17	0	45	11	97	0.00	0.0	6.848	0.005	0	0	0	11
PL.27593	PD.3714	A	6 A (CWC)	7.45Y	124.2	0.02	0.84	6.17	4	45	11	97	0.00	0.0	6.914	0.066	15	4	2	11
PL.27146	PL.27593	A	#4 ACSR	7.45Y	124.2	0.00	0.84	1.30	1	9	2	98	0.00	0.0	6.947	0.033	7	2	1	2
PL.27147	PL.27146	A	#4 ACSR	7.45Y	124.2	0.00	0.84	0.32	0	2	1	89	0.00	0.0	7.004	0.057	2	1	1	1
PL.26651	PL.27593	A	6 A (CWC)	7.45Y	124.2	0.01	0.85	2.79	2	20	5	97	0.00	0.0	6.983	0.069	0	0	0	7
PL.26652	PL.26651	A	6 A (CWC)	7.45Y	124.2	0.00	0.85	1.79	1	13	3	97	0.00	0.0	7.004	0.021	0	0	0	5
PL.26653	PL.26652	A	6 A (CWC)	7.45Y	124.1	0.01	0.85	1.39	1	10	3	96	0.00	0.0	7.104	0.100	0	0	0	1
PL.26375	PL.26653	A	#1/0 ACSR	7.45Y	124.1	0.00	0.86	1.39	1	10	3	96	0.00	0.0	7.188	0.084	10	3	1	1
PL.27144	PL.26652	A	6 A (CWC)	7.45Y	124.2	0.00	0.85	0.40	0	3	1	95	0.00	0.0	7.079	0.075	2	0	3	4
PL.27145	PL.27144	A	6 A (CWC)	7.45Y	124.2	0.00	0.85	0.13	0	1	0	100	0.00	0.0	7.148	0.069	1	0	1	1
PL.26374	PL.26651	A	#1/0 ACSR	7.45Y	124.2	0.00	0.85	1.00	0	7	2	96	0.00	0.0	7.022	0.039	7	2	2	2
PL.27142	PL.26650	ABC	#1/0 ACSR	7.45Y	124.2	0.02	0.84	11.49	5	249	63	97	0.04	0.0	6.962	0.119	5	1	1	61
PL.27143	PL.27142	ABC	#1/0 ACSR	7.45Y	124.1	0.01	0.85	11.28	5	245	62	97	0.01	0.0	6.994	0.032	6	2	2	60
PL.27141	PL.27143	ABC	#1/0 ACSR	7.45Y	124.1	0.03	0.88	10.98	5	238	60	97	0.05	0.0	7.138	0.144	6	2	2	58
PL.27140	PL.27141	ABC	#1/0 ACSR	7.45Y	124.1	0.01	0.89	10.70	5	232	58	97	0.02	0.0	7.208	0.070	17	4	3	56
PL.27590	PL.27140	A	#4 ACSR	7.45Y	124.1	0.00	0.89	3.17	2	23	6	97	0.00	0.0	7.213	0.005	0	0	0	5
PD.3713	PL.27590	A	40T	7.45Y	124.1	0.00	0.89	3.17	0	23	6	97	0.00	0.0	7.213	0.005	0	0	0	5
PL.27591	PD.3713	A	#4 ACSR	7.45Y	124.1	0.00	0.89	3.17	2	23	6	97	0.00	0.0	7.241	0.028	23	6	5	5
PL.26654	PL.27140	ABC	#1/0 ACSR	7.45Y	124.1	0.01	0.90	8.88	4	192	48	97	0.01	0.0	7.282	0.073	6	2	2	48
PL.27588	PL.26654	A	6 A (CWC)	7.45Y	124.1	0.00	0.90	3.75	3	27	7	97	0.00	0.0	7.286	0.005	0	0	0	9
PD.3712	PL.27588	A	40T	7.45Y	124.1	0.00	0.90	3.75	0	27	7	97	0.00	0.0	7.286	0.005	0	0	0	9
PL.27589	PD.3712	A	6 A (CWC)	7.45Y	124.1	0.00	0.91	3.75	3	27	7	97	0.00	0.0	7.314	0.027	7	2	2	9
PL.26376	PL.27589	A	6 A (CWC)	7.44Y	124.1	0.01	0.92	2.73	2	20	5	97	0.00	0.0	7.386	0.072	0	0	2	7
PL.26377	PL.26376	A	6 A (CWC)	7.44Y	124.1	0.00	0.92	1.43	1	10	3	96	0.00	0.0	7.445	0.060	10	3	4	4
PL.26378	PL.26376	A	6 A (CWC)	7.44Y	124.1	0.00	0.92	1.26	1	9	2	98	0.00	0.0	7.496	0.110	9	2	1	1
PL.26655	PL.26654	ABC	#1/0 ACSR	7.45Y	124.1	0.01	0.91	7.35	3	159	40	97	0.01	0.0	7.359	0.077	1	0	1	37
PL.26379	PL.26655	ABC	#1/0 ACSR	7.44Y	124.1	0.02	0.93	7.29	3	158	40	97	0.02	0.0	7.482	0.123	0	0	0	36
PL.26784	PL.26379	ABC	#1/0 ACSR	7.44Y	124.1	0.01	0.94	7.29	3	158	40	97	0.01	0.0	7.560	0.079	0	0	0	36
PL.27586	PL.26784	C	#1/0 ACSR	7.44Y	124.1	0.00	0.94	0.12	0	1	0	100	0.00	0.0	7.565	0.004	0	0	0	1
PD.3711	PL.27586	C	30T	7.44Y	124.1	0.00	0.94	0.12	0	1	0	100	0.00	0.0	7.565	0.004	0	0	0	1

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Balanced Voltage Drop Report
Source: Rice Station

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.27587	PD.3711	C	#1/0 ACSR	7.44Y	124.1	0.00	0.94	0.12	0	1	0	100	0.00	0.0	7.584	0.019	1	0	1	1
PL.26656	PL.26784	ABC	#1/0 ACSR	7.44Y	124.0	0.01	0.95	7.25	3	157	39	97	0.02	0.0	7.673	0.112	0	0	0	35
PL.26657	PL.26656	ABC	#1/0 ACSR	7.44Y	124.0	0.01	0.97	5.03	2	109	27	97	0.01	0.0	7.797	0.125	0	0	0	26
PL.26658	PL.26657	ABC	#1/0 ACSR	7.44Y	124.0	0.01	0.97	3.29	1	71	18	97	0.00	0.0	7.940	0.143	0	0	0	22
PL.26747	PL.26658	ABC	#1/0 ACSR	7.44Y	124.0	0.00	0.98	3.29	1	71	18	97	0.00	0.0	7.989	0.049	0	0	1	22
PL.26384	PL.26747	ABC	#1/0 ACSR	7.44Y	124.0	0.01	0.98	3.28	1	71	18	97	0.00	0.0	8.096	0.107	0	0	0	21
PL.26953	PL.26384	ABC	#1/0 ACSR	7.44Y	124.0	0.01	0.99	3.28	1	71	18	97	0.00	0.0	8.224	0.128	5	1	4	21
PL.27132	PL.26953	ABC	#1/0 ACSR	7.44Y	124.0	0.00	0.99	3.07	1	66	17	97	0.00	0.0	8.312	0.088	3	1	1	17
PL.27133	PL.27132	ABC	#1/0 ACSR	7.44Y	124.0	0.00	1.00	2.95	1	64	16	97	0.00	0.0	8.360	0.048	0	0	0	16
PL.27206	PL.27133	ABC	#1/0 ACSR	7.44Y	124.0	0.00	1.00	2.74	1	59	15	97	0.00	0.0	8.437	0.077	7	2	2	15
PL.27207	PL.27206	ABC	#1/0 ACSR	7.44Y	124.0	0.01	1.01	2.40	1	52	13	97	0.00	0.0	8.606	0.169	0	0	0	13
PL.27638	PL.27207	C	#4 ACSR	7.44Y	124.0	0.00	1.01	0.49	0	4	1	97	0.00	0.0	8.611	0.005	0	0	0	1
PD.3737	PL.27638	C	40T	7.44Y	124.0	0.00	1.01	0.49	0	4	1	97	0.00	0.0	8.611	0.005	0	0	0	1
PL.27639	PD.3737	C	#4 ACSR	7.44Y	124.0	0.00	1.01	0.49	0	4	1	97	0.00	0.0	8.672	0.062	4	1	1	1
PL.26959	PL.27207	ABC	#1/0 ACSR	7.44Y	124.0	0.00	1.01	2.24	1	48	12	97	0.00	0.0	8.647	0.041	1	0	1	12
PL.27640	PL.26959	C	6 A (CWC)	7.44Y	124.0	0.00	1.01	1.96	1	14	4	96	0.00	0.0	8.652	0.005	0	0	0	2
PD.3738	PL.27640	C	20T	7.44Y	124.0	0.00	1.01	1.96	0	14	4	96	0.00	0.0	8.652	0.005	0	0	0	2
PL.27641	PD.3738	C	6 A (CWC)	7.44Y	124.0	0.00	1.01	1.96	1	14	4	96	0.00	0.0	8.693	0.041	6	2	1	2
PL.26389	PL.27641	C	#2 ACSR	7.44Y	124.0	0.00	1.01	1.07	1	8	2	97	0.00	0.0	8.732	0.039	8	2	1	1
PL.26385	PL.26959	ABC	#1/0 ACSR	7.44Y	124.0	0.00	1.01	1.56	1	34	8	97	0.00	0.0	8.684	0.037	12	3	2	9
PL.27642	PL.26385	A	6 A (CWC)	7.44Y	124.0	0.00	1.01	1.65	1	12	3	97	0.00	0.0	8.689	0.005	0	0	0	3
PD.3739	PL.27642	A	40T	7.44Y	124.0	0.00	1.01	1.65	0	12	3	97	0.00	0.0	8.689	0.005	0	0	0	3
PL.27643	PD.3739	A	6 A (CWC)	7.44Y	124.0	0.01	1.02	1.65	1	12	3	97	0.00	0.0	8.794	0.105	0	0	0	3
PL.26388	PL.27643	A	6 A (CWC)	7.44Y	124.0	0.00	1.02	0.37	0	3	1	95	0.00	0.0	8.870	0.076	3	1	2	2
PL.26387	PL.27643	A	#4 ACSR	7.44Y	124.0	0.00	1.02	1.27	1	9	2	98	0.00	0.0	8.877	0.083	9	2	1	1
PL.26659	PL.26385	ABC	#1/0 ACSR	7.44Y	124.0	0.00	1.01	0.43	0	9	2	98	0.00	0.0	8.779	0.095	0	0	0	4
PL.26386	PL.26659	ABC	#1/0 ACSR	7.44Y	124.0	0.00	1.01	0.43	0	9	2	98	0.00	0.0	8.831	0.052	0	0	0	4
PL.27208	PL.26386	ABC	#1/0 ACSR	7.44Y	124.0	0.00	1.01	0.27	0	6	1	99	0.00	0.0	8.914	0.083	6	1	3	3
PL.27209	PL.27208	ABC	#1/0 ACSR	7.44Y	124.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	8.962	0.048	0	0	0	0
PL.21238	PL.27209	ABC	#1/0 ACSR	7.44Y	124.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	8.966	0.004	0	0	0	0
PD.3044-B	PL.21238	ABC	Open	7.44Y	124.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	8.966	0.004	0	0	0	0

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Balanced Voltage Drop Report
Source: Rice Station

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.27644	PL.26386	A	#4 ACSR	7.44Y	124.0	0.00	1.01	0.48	0	3	1	95	0.00	0.0	8.836	0.005	0	0	0	1
PD.3740	PL.27644	A	30T	7.44Y	124.0	0.00	1.01	0.48	0	3	1	95	0.00	0.0	8.836	0.005	0	0	0	1
PL.27645	PD.3740	A	#4 ACSR	7.44Y	124.0	0.00	1.01	0.48	0	3	1	95	0.00	0.0	8.849	0.013	3	1	1	1
PL.27582	PL.27133	C	#4 ACSR	7.44Y	124.0	0.00	1.00	0.62	0	4	1	97	0.00	0.0	8.365	0.005	0	0	0	1
PD.3709	PL.27582	C	30T	7.44Y	124.0	0.00	1.00	0.62	0	4	1	97	0.00	0.0	8.365	0.005	0	0	0	1
PL.27583	PD.3709	C	#4 ACSR	7.44Y	124.0	0.00	1.00	0.62	0	4	1	97	0.00	0.0	8.404	0.039	4	1	1	1
PL.26383	PL.26657	ABC	#2 ACSR	7.44Y	124.0	0.00	0.97	1.74	1	38	9	97	0.00	0.0	7.866	0.069	21	5	1	4
PL.66157	PL.26383	C	#4 ACSR	7.44Y	124.0	0.00	0.97	2.35	2	17	4	97	0.00	0.0	7.868	0.002	0	0	0	3
PD.9595	PL.66157	C	12T	7.44Y	124.0	0.00	0.97	2.35	0	17	4	97	0.00	0.0	7.868	0.002	0	0	0	3
PL.66158	PD.9595	C	#4 ACSR	7.44Y	124.0	0.00	0.97	2.35	2	17	4	97	0.00	0.0	7.892	0.023	2	1	1	3
PL.27136	PL.66158	C	#4 ACSR	7.44Y	124.0	0.00	0.97	2.04	2	15	4	97	0.00	0.0	7.941	0.050	6	1	1	2
PL.27134	PL.27136	C	#4 ACSR	7.44Y	124.0	0.00	0.98	1.23	1	9	2	98	0.00	0.0	7.998	0.057	9	2	1	1
PL.27584	PL.26656	A	6 A (CWC)	7.44Y	124.0	0.00	0.96	6.65	5	48	12	97	0.00	0.0	7.677	0.004	0	0	0	9
PD.3710	PL.27584	A	40T	7.44Y	124.0	0.00	0.96	6.65	0	48	12	97	0.00	0.0	7.677	0.004	0	0	0	9
PL.27585	PD.3710	A	6 A (CWC)	7.44Y	124.0	0.02	0.98	6.65	5	48	12	97	0.01	0.0	7.755	0.078	0	0	0	9
PL.27137	PL.27585	A	6 A (CWC)	7.44Y	124.0	0.03	1.01	6.65	5	48	12	97	0.01	0.0	7.848	0.093	0	0	0	9
PL.26428	PL.27137	A	#4 ACSR	7.44Y	124.0	0.00	1.01	0.47	0	3	1	95	0.00	0.0	7.871	0.023	3	1	1	1
PL.26380	PL.27137	A	6 A (CWC)	7.44Y	124.0	0.03	1.03	5.09	4	37	9	97	0.01	0.0	7.980	0.132	12	3	2	7
PL.26382	PL.26380	A	6 A (CWC)	7.44Y	124.0	0.00	1.03	1.00	1	7	2	96	0.00	0.0	8.039	0.060	7	2	2	2
PL.26957	PL.26380	A	#4 ACSR	7.44Y	124.0	0.00	1.04	2.43	2	18	4	98	0.00	0.0	8.004	0.024	0	0	0	3
PL.27138	PL.26957	A	#4 ACSR	7.44Y	124.0	0.00	1.04	2.19	2	16	4	97	0.00	0.0	8.037	0.034	5	1	1	2
PL.27139	PL.27138	A	#4 ACSR	7.44Y	124.0	0.00	1.04	1.45	1	10	3	96	0.00	0.0	8.090	0.053	10	3	1	1
PL.26381	PL.26957	A	6 A (CWC)	7.44Y	124.0	0.00	1.04	0.24	0	2	0	100	0.00	0.0	8.020	0.017	2	0	1	1
PL.26429	PL.27137	A	6 A (CWC)	7.44Y	124.0	0.00	1.01	1.09	1	8	2	97	0.00	0.0	7.914	0.066	8	2	1	1
PL.27594	PL.27149	B	#2 ACSR	7.45Y	124.2	0.00	0.80	3.02	2	22	5	98	0.00	0.0	6.775	0.005	0	0	0	8
PD.3715	PL.27594	B	40T	7.45Y	124.2	0.00	0.80	3.02	0	22	5	98	0.00	0.0	6.775	0.005	0	0	0	8
PL.27595	PD.3715	B	#2 ACSR	7.45Y	124.2	0.00	0.81	3.02	2	22	5	98	0.00	0.0	6.829	0.054	22	5	8	8
PL.27596	PL.27152	C	#4 ACSR	7.45Y	124.2	0.00	0.77	1.62	1	12	3	97	0.00	0.0	6.669	0.005	0	0	0	7
PD.3716	PL.27596	C	25T	7.45Y	124.2	0.00	0.77	1.62	0	12	3	97	0.00	0.0	6.669	0.005	0	0	0	7
PL.27597	PD.3716	C	#4 ACSR	7.45Y	124.2	0.00	0.78	1.62	1	12	3	97	0.00	0.0	6.697	0.028	4	1	5	7
PL.27150	PL.27597	C	#4 ACSR	7.45Y	124.2	0.00	0.78	1.09	1	8	2	97	0.00	0.0	6.774	0.077	8	2	2	2

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Balanced Voltage Drop Report
Source: Rice Station

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.27604	PL.26648	A	#2 ACSR	7.47Y	124.6	0.00	0.43	0.30	0	2	1	89	0.00	0.0	5.666	0.005	0	0	0	1	
PD.3720	PL.27604	A	65T	7.47Y	124.6	0.00	0.43	0.30	0	2	1	89	0.00	0.0	5.666	0.005	0	0	0	1	
PL.27605	PD.3720	A	#2 ACSR	7.47Y	124.6	0.00	0.43	0.30	0	2	1	89	0.00	0.0	5.732	0.066	2	1	1	1	
L PL.27844	PL.26642	C	6 A (CWC)	7.07Y	117.9	0.02	7.14	16.78	12	115	29	97	0.02	0.0	5.217	0.024	0	0	0	35	L
L PD.3842	PL.27844	C	50L	7.07Y	117.9	0.00	7.14	16.78	34	115	29	97	0.00	0.0	5.217	0.024	0	0	0	35	L
L PL.27845	PD.3842	C	6 A (CWC)	7.07Y	117.8	0.02	7.16	16.78	12	115	29	97	0.02	0.0	5.246	0.029	4	1	1	35	L
L PL.27177	PL.27845	C	6 A (CWC)	7.07Y	117.8	0.02	7.18	16.17	12	111	28	97	0.02	0.0	5.271	0.026	3	1	1	34	L
L PL.27176	PL.27177	C	6 A (CWC)	7.07Y	117.8	0.03	7.21	15.71	11	108	27	97	0.03	0.0	5.314	0.042	0	0	1	33	L
L PL.27175	PL.27176	C	6 A (CWC)	7.06Y	117.7	0.09	7.31	15.67	11	107	27	97	0.08	0.1	5.444	0.131	0	0	0	32	L
L PL.27173	PL.27175	C	6 A (CWC)	7.06Y	117.6	0.05	7.36	15.67	11	107	27	97	0.04	0.0	5.523	0.078	5	1	1	32	L
L PL.27174	PL.27173	C	6 A (CWC)	7.06Y	117.6	0.05	7.41	14.98	11	103	26	97	0.04	0.0	5.594	0.072	0	0	0	31	L
L PL.26644	PL.27174	C	6 A (CWC)	7.06Y	117.6	0.00	7.41	0.33	0	2	1	89	0.00	0.0	5.646	0.052	2	1	1	1	L
L PL.27171	PL.27174	C	6 A (CWC)	7.05Y	117.6	0.04	7.45	14.65	10	100	25	97	0.03	0.0	5.650	0.056	4	1	2	30	L
L PL.27172	PL.27171	C	6 A (CWC)	7.05Y	117.5	0.04	7.49	14.10	10	96	24	97	0.03	0.0	5.715	0.065	3	1	1	28	L
L PL.27170	PL.27172	C	6 A (CWC)	7.05Y	117.5	0.06	7.55	13.65	10	93	23	97	0.04	0.0	5.823	0.108	17	4	4	27	L
L PL.27169	PL.27170	C	6 A (CWC)	7.05Y	117.4	0.03	7.58	11.19	8	76	19	97	0.02	0.0	5.893	0.069	9	2	1	23	L
L PL.26363	PL.27169	C	#2 ACSR	7.05Y	117.4	0.00	7.58	1.38	1	9	2	98	0.00	0.0	5.939	0.047	9	2	1	1	L
L PL.27167	PL.27169	C	6 A (CWC)	7.04Y	117.4	0.01	7.59	8.50	6	58	15	97	0.00	0.0	5.919	0.026	13	3	4	21	L
L PL.27168	PL.27167	C	6 A (CWC)	7.04Y	117.4	0.01	7.60	6.59	5	45	11	97	0.00	0.0	5.961	0.042	7	2	1	17	L
L PL.27166	PL.27168	C	6 A (CWC)	7.04Y	117.4	0.02	7.62	5.51	4	38	9	97	0.00	0.0	6.029	0.068	3	1	1	16	L
L PL.26369	PL.27166	C	6 A (CWC)	7.04Y	117.4	0.00	7.62	0.75	1	5	1	98	0.00	0.0	6.157	0.128	5	1	1	1	L
L PL.26364	PL.27166	C	#4 ACSR	7.04Y	117.4	0.02	7.64	2.60	2	18	4	98	0.00	0.0	6.201	0.173	0	0	0	10	L
L PL.27164	PL.26364	C	#2 ACSR	7.04Y	117.4	0.00	7.64	0.79	0	5	1	98	0.00	0.0	6.285	0.084	5	1	2	3	L
L PL.27165	PL.27164	C	#2 ACSR	7.04Y	117.4	0.00	7.64	0.05	0	0	0	100	0.00	0.0	6.349	0.065	0	0	1	1	L
L PL.26645	PL.26364	C	#4 ACSR	7.04Y	117.4	0.00	7.64	1.81	1	12	3	97	0.00	0.0	6.282	0.080	8	2	1	7	L
L PL.26646	PL.26645	C	#4 ACSR	7.04Y	117.4	0.00	7.64	0.25	0	2	0	100	0.00	0.0	6.357	0.076	0	0	1	4	L
L PL.26366	PL.26646	C	#4 ACSR	7.04Y	117.4	0.00	7.64	0.05	0	0	0	100	0.00	0.0	6.471	0.114	0	0	1	1	L
L PL.26367	PL.26646	C	#4 ACSR	7.04Y	117.4	0.00	7.64	0.02	0	0	0	100	0.00	0.0	6.442	0.085	0	0	1	1	L
L PL.26368	PL.26646	C	#2 ACSR	7.04Y	117.4	0.00	7.64	0.18	0	1	0	100	0.00	0.0	6.378	0.021	1	0	1	1	L
L PL.26365	PL.26645	C	#4 ACSR	7.04Y	117.4	0.00	7.64	0.34	0	2	1	89	0.00	0.0	6.364	0.082	2	1	2	2	L
L PL.27162	PL.27166	C	6 A (CWC)	7.04Y	117.4	0.01	7.63	1.77	1	12	3	97	0.00	0.0	6.123	0.095	0	0	1	4	L

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Balanced Voltage Drop Report
Source: Rice Station

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.27163	PL.27162	C	6 A (CWC)	7.04Y	117.4	0.01	7.63	1.77	1	12	3	97	0.00	0.0	6.209	0.086	0	0	0	3	L
L PL.26370	PL.27163	C	6 A (CWC)	7.04Y	117.4	0.00	7.64	1.77	1	12	3	97	0.00	0.0	6.249	0.040	0	0	0	3	L
L PL.27160	PL.26370	C	6 A (CWC)	7.04Y	117.4	0.00	7.64	1.16	1	8	2	97	0.00	0.0	6.336	0.087	7	2	1	2	L
L PL.27161	PL.27160	C	6 A (CWC)	7.04Y	117.4	0.00	7.64	0.14	0	1	0	100	0.00	0.0	6.392	0.056	1	0	1	1	L
L PL.26371	PL.26370	C	6 A (CWC)	7.04Y	117.4	0.00	7.64	0.60	0	4	1	97	0.00	0.0	6.380	0.131	0	0	0	1	L
L PL.26781	PL.26371	C	6 A (CWC)	7.04Y	117.4	0.00	7.64	0.60	0	4	1	97	0.00	0.0	6.494	0.114	0	0	0	1	L
L PL.26782	PL.26781	C	6 A (CWC)	7.04Y	117.4	0.00	7.64	0.60	0	4	1	97	0.00	0.0	6.593	0.099	4	1	1	1	L
L PL.26372	PL.26782	C	6 A (CWC)	7.04Y	117.4	0.00	7.64	0.00	0	0	0	100	0.00	0.0	6.680	0.087	0	0	0	0	L
L PL.26373	PL.26372	C	#2 ACSR	7.04Y	117.4	0.00	7.64	0.00	0	0	0	100	0.00	0.0	6.712	0.032	0	0	0	0	L
L PL.27606	PL.26642	C	#4 ACSR	7.07Y	117.9	0.00	7.12	0.51	0	3	1	95	0.00	0.0	5.198	0.005	0	0	0	1	L
L PD.3721	PL.27606	C	40T	7.07Y	117.9	0.00	7.12	0.51	0	3	1	95	0.00	0.0	5.198	0.005	0	0	0	1	L
L PL.27607	PD.3721	C	#4 ACSR	7.07Y	117.9	0.00	7.13	0.51	0	3	1	95	0.00	0.0	5.307	0.110	3	1	1	1	L
L PL.27608	PL.27869	A	#2 ACSR	7.08Y	117.9	0.00	7.07	0.94	1	6	2	95	0.00	0.0	5.128	0.005	0	0	0	1	L
L PD.3722	PL.27608	A	65T	7.08Y	117.9	0.00	7.07	0.94	0	6	2	95	0.00	0.0	5.128	0.005	0	0	0	1	L
L PL.27609	PD.3722	A	#2 ACSR	7.08Y	117.9	0.00	7.07	0.94	1	6	2	95	0.00	0.0	5.151	0.023	6	2	1	1	L
L CP.40	PL.27868	ABC	Cap (300)	7.08Y	117.9	0.00	7.06	0.00	0	0	0	100	0.00	0.0	5.104	0.023	0	0	0	0	L
PL.27616	PL.27182	C	6 A (CWC)	7.09Y	118.2	0.00	6.84	0.74	1	5	1	98	0.00	0.0	4.836	0.005	0	0	0	2	
PD.3726	PL.27616	C	40T	7.09Y	118.2	0.00	6.84	0.74	0	5	1	98	0.00	0.0	4.836	0.005	0	0	0	2	
PL.27617	PD.3726	C	6 A (CWC)	7.09Y	118.2	0.00	6.84	0.74	1	5	1	98	0.00	0.0	4.869	0.032	4	1	1	2	
PL.27180	PL.27617	C	6 A (CWC)	7.09Y	118.2	0.00	6.84	0.11	0	1	0	100	0.00	0.0	4.923	0.055	1	0	1	1	
PL.27618	PL.26637	C	#4 ACSR	7.10Y	118.3	0.00	6.66	1.95	1	13	3	97	0.00	0.0	4.605	0.005	0	0	0	3	
PD.3727	PL.27618	C	15T	7.10Y	118.3	0.00	6.66	1.95	0	13	3	97	0.00	0.0	4.605	0.005	0	0	0	3	
PL.27619	PD.3727	C	#4 ACSR	7.10Y	118.3	0.01	6.67	1.95	1	13	3	97	0.00	0.0	4.727	0.122	0	0	0	3	
PL.26965	PL.27619	C	#4 ACSR	7.10Y	118.3	0.00	6.67	0.53	0	4	1	97	0.00	0.0	4.761	0.034	4	1	1	1	
PL.26358	PL.27619	C	#4 ACSR	7.10Y	118.3	0.00	6.67	1.42	1	10	2	98	0.00	0.0	4.753	0.026	0	0	0	2	
PL.26638	PL.26358	C	#4 ACSR	7.10Y	118.3	0.00	6.67	0.62	0	4	1	97	0.00	0.0	4.893	0.140	4	1	1	1	
PL.26359	PL.26358	C	#1/0 ACSR	7.10Y	118.3	0.00	6.67	0.80	0	5	1	98	0.00	0.0	4.940	0.187	0	0	0	1	
PL.26780	PL.26359	C	#1/0 ACSR	7.10Y	118.3	0.00	6.68	0.80	0	5	1	98	0.00	0.0	5.094	0.154	5	1	1	1	
PL.27500	PL.26960	C	6 A (CWC)	7.15Y	119.2	0.00	5.79	10.31	7	71	18	97	0.00	0.0	3.599	0.004	0	0	0	36	
PD.3667	PL.27500	C	25T	7.15Y	119.2	0.00	5.79	10.31	0	71	18	97	0.00	0.0	3.599	0.004	0	0	0	36	
PL.27501	PD.3667	C	6 A (CWC)	7.15Y	119.2	0.04	5.83	10.31	7	71	18	97	0.02	0.0	3.691	0.092	0	0	0	36	

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Balanced Voltage Drop Report
Source: Rice Station

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.26767	PL.27501	C	6 A (CWC)	7.15Y	119.1	0.05	5.88	10.31	7	71	18	97	0.03	0.0	3.800	0.109	0	0	0	36
PL.27075	PL.26767	C	6 A (CWC)	7.15Y	119.1	0.02	5.90	10.31	7	71	18	97	0.01	0.0	3.838	0.039	3	1	1	36
PL.27076	PL.27075	C	6 A (CWC)	7.14Y	119.1	0.02	5.92	9.83	7	68	17	97	0.01	0.0	3.886	0.047	0	0	0	35
PL.26282	PL.27076	C	#4 ACSR	7.14Y	119.1	0.03	5.95	7.64	6	53	13	97	0.01	0.0	3.961	0.076	0	0	0	31
PL.27516	PL.26282	C	#1/0 ACSR	7.14Y	119.1	0.00	5.95	1.34	1	9	2	98	0.00	0.0	3.966	0.005	0	0	0	2
PD.3676	PL.27516	C	40T	7.14Y	119.1	0.00	5.95	1.34	0	9	2	98	0.00	0.0	3.966	0.005	0	0	0	2
PL.27517	PD.3676	C	#1/0 ACSR	7.14Y	119.1	0.00	5.95	1.34	1	9	2	98	0.00	0.0	4.019	0.053	0	0	1	2
PL.27030	PL.27517	C	#1/0 ACSR	7.14Y	119.1	0.00	5.95	1.28	1	9	2	98	0.00	0.0	4.041	0.022	9	2	1	1
PL.27031	PL.26282	C	#4 ACSR	7.14Y	119.0	0.01	5.95	6.30	5	44	11	97	0.00	0.0	3.995	0.034	41	10	28	29
PL.27032	PL.27031	C	#4 ACSR	7.14Y	119.0	0.00	5.95	0.36	0	3	1	95	0.00	0.0	4.047	0.051	3	1	1	1
PL.26616	PL.27076	C	6 A (CWC)	7.14Y	119.1	0.00	5.93	2.19	2	15	4	97	0.00	0.0	3.935	0.049	3	1	1	4
PL.27070	PL.26616	C	6 A (CWC)	7.14Y	119.1	0.00	5.93	1.75	1	12	3	97	0.00	0.0	3.985	0.050	4	1	1	3
PL.27073	PL.27070	C	6 A (CWC)	7.14Y	119.1	0.00	5.93	1.18	1	8	2	97	0.00	0.0	4.042	0.057	2	0	1	2
PL.27074	PL.27073	C	6 A (CWC)	7.14Y	119.1	0.00	5.93	0.90	1	6	2	95	0.00	0.0	4.119	0.077	6	2	1	1
PL.27506	PL.27791	A	#2 ACSR	7.17Y	119.4	0.00	5.56	0.41	0	3	1	95	0.00	0.0	3.384	0.005	0	0	0	2
PD.3671	PL.27506	A	65T	7.17Y	119.4	0.00	5.56	0.41	0	3	1	95	0.00	0.0	3.384	0.005	0	0	0	2
PL.27507	PD.3671	A	#2 ACSR	7.17Y	119.4	0.00	5.56	0.41	0	3	1	95	0.00	0.0	3.399	0.015	3	1	2	2
PL.26263	PL.27791	B	#1/0 ACSR	7.16Y	119.4	0.05	5.61	21.79	9	151	38	97	0.05	0.0	3.485	0.106	0	0	0	43
PD.4468	PL.26263	B	50L	7.16Y	119.4	0.00	5.61	21.79	44	151	38	97	0.00	0.0	3.485	0.106	0	0	0	43
PL.32622	PD.4468	B	#1/0 ACSR	7.16Y	119.4	0.00	5.61	21.79	9	151	38	97	0.00	0.0	3.493	0.008	0	0	0	43
PL.26264	PL.32622	B	6 A (CWC)	7.16Y	119.4	0.00	5.62	2.85	2	20	5	97	0.00	0.0	3.537	0.044	11	3	3	7
PL.26265	PL.26264	B	#4 ACSR	7.16Y	119.4	0.00	5.62	1.21	1	8	2	97	0.00	0.0	3.569	0.032	8	2	4	4
PL.27839	PL.32622	B	#1/0 ACSR	7.16Y	119.3	0.04	5.65	18.94	8	132	33	97	0.04	0.0	3.587	0.094	5	1	1	36
PL.27096	PL.27839	B	#1/0 ACSR	7.16Y	119.3	0.02	5.67	18.18	8	126	32	97	0.01	0.0	3.631	0.043	12	3	1	35
PL.27097	PL.27096	B	#1/0 ACSR	7.16Y	119.3	0.00	5.67	2.38	1	17	4	97	0.00	0.0	3.690	0.059	10	3	2	4
PL.27098	PL.27097	B	#1/0 ACSR	7.16Y	119.3	0.00	5.67	0.91	0	6	2	95	0.00	0.0	3.710	0.020	6	2	2	2
PL.26608	PL.27096	B	#1/0 ACSR	7.16Y	119.3	0.01	5.68	14.13	6	98	25	97	0.01	0.0	3.657	0.026	6	1	2	30
PL.26609	PL.26608	B	#1/0 ACSR	7.16Y	119.3	0.02	5.70	13.31	6	92	23	97	0.01	0.0	3.730	0.073	0	0	0	28
PL.26267	PL.26609	B	6 A (CWC)	7.16Y	119.3	0.00	5.70	1.26	1	9	2	98	0.00	0.0	3.802	0.072	1	0	1	5
PL.27099	PL.26267	B	#2 ACSR	7.16Y	119.3	0.00	5.71	1.18	1	8	2	97	0.00	0.0	3.831	0.029	4	1	1	4
PL.27100	PL.27099	B	#2 ACSR	7.16Y	119.3	0.00	5.71	0.56	0	4	1	97	0.00	0.0	3.859	0.028	0	0	1	3

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Balanced Voltage Drop Report
Source: Rice Station

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.26268	PL.27100	B	#2 ACSR	7.16Y	119.3	0.00	5.71	0.54	0	4	1	97	0.00	0.0	3.954	0.095	4	1	2	2
PL.32628	PL.26609	B	#1/0 ACSR	7.16Y	119.3	0.03	5.73	12.06	5	84	21	97	0.02	0.0	3.834	0.104	0	0	0	23
PL.32629	PL.32628	B	#1/0 ACSR	7.15Y	119.2	0.02	5.75	12.06	5	84	21	97	0.01	0.0	3.910	0.076	0	0	0	23
PL.32630	PL.32629	B	#1/0 ACSR	7.15Y	119.2	0.05	5.80	12.06	5	84	21	97	0.03	0.0	4.104	0.194	0	0	0	23
PL.32631	PL.32630	B	#1/0 ACSR	7.15Y	119.2	0.00	5.80	0.44	0	3	1	95	0.00	0.0	4.199	0.094	0	0	0	1
PL.26269	PL.32631	B	#1/0 ACSR	7.15Y	119.2	0.00	5.80	0.44	0	3	1	95	0.00	0.0	4.229	0.031	3	1	1	1
PL.32632	PL.32630	B	#4 ACSR	7.15Y	119.2	0.00	5.80	0.00	0	0	0	100	0.00	0.0	4.145	0.041	0	0	0	0
PL.32633	PL.32630	B	#1/0 ACSR	7.15Y	119.2	0.02	5.82	11.62	5	81	20	97	0.01	0.0	4.179	0.074	0	0	0	22
PL.32634	PL.32633	B	#1/0 ACSR	7.15Y	119.1	0.04	5.86	11.62	5	81	20	97	0.02	0.0	4.316	0.138	0	0	0	22
PL.32635	PL.32634	B	#1/0 ACSR	7.15Y	119.1	0.00	5.86	1.27	1	9	2	98	0.00	0.0	4.332	0.015	0	0	0	1
PL.26271	PL.32635	B	#2 ACSR	7.15Y	119.1	0.00	5.86	1.27	1	9	2	98	0.00	0.0	4.445	0.113	0	0	0	1
PL.26763	PL.26271	B	#1/0 ACSR	7.15Y	119.1	0.00	5.87	1.27	1	9	2	98	0.00	0.0	4.617	0.172	9	2	1	1
PL.26273	PL.32634	B	#1/0 ACSR	7.15Y	119.1	0.02	5.88	10.35	5	72	18	97	0.01	0.0	4.401	0.085	0	0	0	21
PL.26274	PL.26273	B	6 A (CWC)	7.15Y	119.1	0.01	5.89	1.47	1	10	3	96	0.00	0.0	4.533	0.132	0	0	0	2
PL.26765	PL.26274	B	6 A (CWC)	7.15Y	119.1	0.01	5.89	1.47	1	10	3	96	0.00	0.0	4.621	0.088	0	0	0	2
PL.26764	PL.26765	B	6 A (CWC)	7.15Y	119.1	0.01	5.90	1.47	1	10	3	96	0.00	0.0	4.743	0.122	3	1	1	2
PL.26275	PL.26764	B	#2 ACSR	7.15Y	119.1	0.00	5.90	1.04	1	7	2	96	0.00	0.0	4.889	0.146	7	2	1	1
PL.26612	PL.26273	B	#1/0 ACSR	7.15Y	119.1	0.02	5.90	8.88	4	62	16	97	0.01	0.0	4.486	0.085	0	0	0	19
PL.26766	PL.26612	B	#1/0 ACSR	7.14Y	119.1	0.02	5.92	8.88	4	62	15	97	0.01	0.0	4.609	0.123	0	0	0	19
PL.26864	PL.26766	B	#1/0 ACSR	7.14Y	119.1	0.03	5.95	8.88	4	62	15	97	0.01	0.0	4.749	0.140	4	1	1	19
PL.26865	PL.26864	B	6 A (CWC)	7.14Y	119.0	0.01	5.96	8.35	6	58	15	97	0.00	0.0	4.767	0.019	0	0	0	18
PL.26281	PL.26865	B	6 A (CWC)	7.14Y	119.0	0.04	6.00	8.35	6	58	15	97	0.02	0.0	4.885	0.118	0	0	0	18
PL.27101	PL.26281	B	6 A (CWC)	7.14Y	119.0	0.04	6.05	8.35	6	58	15	97	0.02	0.0	5.003	0.118	0	0	1	18
PL.27102	PL.27101	B	6 A (CWC)	7.14Y	118.9	0.01	6.06	8.35	6	58	15	97	0.00	0.0	5.033	0.030	4	1	1	17
PL.26280	PL.27102	B	6 A (CWC)	7.13Y	118.9	0.03	6.09	7.83	6	54	14	97	0.01	0.0	5.122	0.089	10	3	4	16
PL.26279	PL.26280	B	6 A (CWC)	7.13Y	118.9	0.01	6.10	6.38	5	44	11	97	0.00	0.0	5.168	0.046	8	2	2	12
PL.26278	PL.26279	B	6 A (CWC)	7.13Y	118.9	0.04	6.14	5.16	4	36	9	97	0.01	0.0	5.334	0.166	0	0	0	10
PL.26614	PL.26278	B	6 A (CWC)	7.13Y	118.8	0.02	6.15	5.15	4	36	9	97	0.00	0.0	5.409	0.075	6	1	2	9
PL.26276	PL.26614	B	#4 ACSR	7.13Y	118.8	0.01	6.16	4.30	3	30	7	97	0.00	0.0	5.470	0.061	13	3	4	7
PL.27103	PL.26276	B	#1/0 ACSR	7.13Y	118.8	0.00	6.16	2.39	1	16	4	97	0.00	0.0	5.503	0.034	8	2	1	3
PL.27104	PL.27103	B	#1/0 ACSR	7.13Y	118.8	0.00	6.16	1.29	1	9	2	98	0.00	0.0	5.533	0.029	1	0	1	2

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Balanced Voltage Drop Report
Source: Rice Station

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.27095	PL.27104	B	#1/0 ACSR	7.13Y	118.8	0.00	6.16	1.19	1	8	2	97	0.00	0.0	5.610	0.077	8	2	1	1
PL.26277	PL.26278	B	#4 ACSR	7.13Y	118.9	0.00	6.14	0.01	0	0	0	100	0.00	0.0	5.447	0.113	0	0	1	1
PL.26613	PL.26766	B	#1/0 ACSR	7.14Y	119.1	0.00	5.92	0.00	0	0	0	100	0.00	0.0	4.682	0.073	0	0	0	0
PL.32636	PL.26613	B	#1/0 ACSR	7.14Y	119.1	0.00	5.92	0.00	0	0	0	100	0.00	0.0	4.776	0.094	0	0	0	0
PL.26266	PL.26608	B	#2 ACSR	7.16Y	119.3	0.00	5.68	0.00	0	0	0	100	0.00	0.0	3.706	0.050	0	0	0	0
PL.27498	PL.26251	C	6 A (CWC)	7.21Y	120.2	0.00	4.81	0.90	1	6	2	95	0.00	0.0	2.747	0.005	0	0	0	2
PD.3666	PL.27498	C	15T	7.21Y	120.2	0.00	4.81	0.90	0	6	2	95	0.00	0.0	2.747	0.005	0	0	0	2
PL.27499	PD.3666	C	6 A (CWC)	7.21Y	120.2	0.00	4.81	0.90	1	6	2	95	0.00	0.0	2.802	0.055	6	2	2	2
PL.26250	PL.26947	C	#2 ACSR	7.23Y	120.4	0.00	4.56	0.00	0	0	0	100	0.00	0.0	2.580	0.020	0	0	1	1
PL.27490	PL.27066	B	#1/0 ACSR	7.23Y	120.5	0.00	4.52	0.81	0	6	1	99	0.00	0.0	2.544	0.005	0	0	0	1
PD.3663	PL.27490	B	65T	7.23Y	120.5	0.00	4.52	0.81	0	6	1	99	0.00	0.0	2.544	0.005	0	0	0	1
PL.27491	PD.3663	B	#1/0 ACSR	7.23Y	120.5	0.00	4.52	0.81	0	6	1	99	0.00	0.0	2.570	0.026	0	0	0	1
PL.27051	PL.27491	B	#1/0 ACSR	7.23Y	120.5	0.00	4.53	0.81	0	6	1	99	0.00	0.0	2.614	0.043	0	0	0	1
PL.26597	PL.27051	B	#1/0 ACSR	7.23Y	120.5	0.00	4.53	0.00	0	0	0	100	0.00	0.0	2.679	0.065	0	0	0	0
PL.26249	PL.27051	B	#1/0 ACSR	7.23Y	120.5	0.00	4.53	0.81	0	6	1	99	0.00	0.0	2.644	0.030	6	1	1	1
PL.27492	PL.27063	C	#4 ACSR	7.25Y	120.9	0.00	4.10	4.52	3	32	8	97	0.00	0.0	2.296	0.019	0	0	0	17
PD.3664	PL.27492	C	40T	7.25Y	120.9	0.00	4.10	4.52	0	32	8	97	0.00	0.0	2.296	0.019	0	0	0	17
PL.27493	PD.3664	C	#4 ACSR	7.25Y	120.9	0.01	4.11	4.52	3	32	8	97	0.00	0.0	2.350	0.055	20	5	10	17
PL.27059	PL.27493	C	#4 ACSR	7.25Y	120.9	0.00	4.11	1.62	1	11	3	96	0.00	0.0	2.371	0.021	0	0	0	7
PL.26248	PL.27059	C	#1/0 ACSR	7.25Y	120.9	0.00	4.11	0.98	0	7	2	96	0.00	0.0	2.433	0.062	7	2	3	3
PL.27057	PL.27059	C	#4 ACSR	7.25Y	120.9	0.00	4.11	0.64	0	4	1	97	0.00	0.0	2.432	0.061	4	1	2	4
PL.27058	PL.27057	C	#4 ACSR	7.25Y	120.9	0.00	4.11	0.09	0	1	0	100	0.00	0.0	2.485	0.053	1	0	2	2
PL.27514	PL.27082	C	6 A (CWC)	7.26Y	121.0	0.00	3.96	3.14	2	22	6	96	0.00	0.0	2.194	0.004	0	0	0	5
PD.3675	PL.27514	C	65T	7.26Y	121.0	0.00	3.96	3.14	0	22	6	96	0.00	0.0	2.194	0.004	0	0	0	5
PL.27515	PD.3675	C	6 A (CWC)	7.26Y	121.0	0.00	3.96	3.14	2	22	6	96	0.00	0.0	2.203	0.009	16	4	2	5
PL.27105	PL.27515	C	6 A (CWC)	7.26Y	121.0	0.00	3.96	0.88	1	6	2	95	0.00	0.0	2.273	0.070	3	1	2	3
PL.27064	PL.27105	C	6 A (CWC)	7.26Y	121.0	0.00	3.96	0.40	0	3	1	95	0.00	0.0	2.346	0.073	3	1	1	1
PL.27508	PL.27086	A	6 A (CWC)	7.28Y	121.3	0.00	3.65	2.75	2	19	5	97	0.00	0.0	2.010	0.004	0	0	0	7
PD.3672	PL.27508	A	25T	7.28Y	121.3	0.00	3.65	2.75	0	19	5	97	0.00	0.0	2.010	0.004	0	0	0	7
PL.27509	PD.3672	A	6 A (CWC)	7.28Y	121.3	0.00	3.66	2.75	2	19	5	97	0.00	0.0	2.057	0.047	16	4	3	7
PL.27089	PL.27509	A	6 A (CWC)	7.28Y	121.3	0.00	3.66	0.42	0	3	1	95	0.00	0.0	2.122	0.065	0	0	2	4

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Balanced Voltage Drop Report
Source: Rice Station

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.27090	PL.27089	A	6 A (CWC)	7.28Y	121.3	0.00	3.66	0.36	0	3	1	95	0.00	0.0	2.140	0.017	0	0	0	2
PL.26744	PL.27090	A	6 A (CWC)	7.28Y	121.3	0.00	3.66	0.36	0	3	1	95	0.00	0.0	2.249	0.109	3	1	2	2
PL.26235	PL.26946	C	#1/0 ACSR	7.29Y	121.5	0.00	3.48	0.41	0	3	1	95	0.00	0.0	1.937	0.033	3	1	1	1
PL.27784	PL.27092	A	6 A (CWC)	7.30Y	121.6	0.00	3.41	8.73	6	62	16	97	0.00	0.0	1.866	0.004	0	0	0	14
PD.3814	PL.27784	A	65T	7.30Y	121.6	0.00	3.41	8.73	0	62	16	97	0.00	0.0	1.866	0.004	0	0	0	14
PL.27785	PD.3814	A	6 A (CWC)	7.29Y	121.5	0.04	3.45	8.73	6	62	16	97	0.02	0.0	1.961	0.095	0	0	0	14
PL.27093	PL.27785	A	6 A (CWC)	7.29Y	121.5	0.01	3.46	8.73	6	62	16	97	0.00	0.0	1.991	0.030	10	3	3	14
PL.65813	PL.27093	A	6 A (CWC)	7.29Y	121.5	0.00	3.46	7.30	5	52	13	97	0.00	0.0	1.994	0.003	0	0	0	11
PD.9597	PL.65813	A	15T	7.29Y	121.5	0.00	3.46	7.30	0	52	13	97	0.00	0.0	1.994	0.003	0	0	0	11
PL.65814	PD.9597	A	6 A (CWC)	7.29Y	121.5	0.01	3.48	7.30	5	52	13	97	0.01	0.0	2.038	0.044	7	2	3	11
PL.26236	PL.65814	A	6 A (CWC)	7.29Y	121.5	0.01	3.48	3.67	3	26	7	97	0.00	0.0	2.090	0.052	2	0	1	4
PL.26253	PL.26236	A	#4 ACSR	7.29Y	121.5	0.00	3.49	3.40	3	24	6	97	0.00	0.0	2.131	0.041	24	6	3	3
PL.27087	PL.65814	A	6 A (CWC)	7.29Y	121.5	0.00	3.48	2.59	2	18	5	96	0.00	0.0	2.075	0.037	13	3	2	4
PL.27088	PL.27087	A	6 A (CWC)	7.29Y	121.5	0.00	3.48	0.70	1	5	1	98	0.00	0.0	2.125	0.050	5	1	2	2
PL.27478	PL.26592	C	#4 ACSR	7.32Y	122.0	0.00	2.99	0.31	0	2	1	89	0.00	0.0	1.622	0.004	0	0	0	1
PD.3657	PL.27478	C	12T	7.32Y	122.0	0.00	2.99	0.31	0	2	1	89	0.00	0.0	1.622	0.004	0	0	0	1
PL.27479	PD.3657	C	#4 ACSR	7.32Y	122.0	0.00	2.99	0.31	0	2	1	89	0.00	0.0	1.679	0.057	0	0	0	1
PL.26233	PL.27479	C	#4 ACSR	7.32Y	122.0	0.00	2.99	0.31	0	2	1	89	0.00	0.0	1.724	0.046	2	1	1	1
PL.65811	PL.26756	A	#4 ACSR	7.34Y	122.4	0.05	2.60	23.24	18	166	42	97	0.07	0.0	1.421	0.053	0	0	0	28
PD.9596	PL.65811	A	40T	7.34Y	122.4	0.00	2.60	23.24	0	165	42	97	0.00	0.0	1.421	0.053	0	0	0	28
PL.65812	PD.9596	A	#4 ACSR	7.34Y	122.3	0.06	2.66	23.24	18	165	42	97	0.07	0.0	1.476	0.055	0	0	0	28
PL.26227	PL.65812	A	#2 ACSR	7.34Y	122.3	0.00	2.66	1.48	1	11	3	96	0.00	0.0	1.563	0.088	11	3	1	1
PL.26586	PL.65812	A	#1/0 ACSR	7.34Y	122.3	0.07	2.73	21.76	9	155	39	97	0.08	0.0	1.629	0.154	8	2	3	27
PL.26860	PL.26586	A	#1/0 ACSR	7.33Y	122.2	0.06	2.79	19.67	9	140	35	97	0.05	0.0	1.759	0.130	8	2	1	22
PL.26861	PL.26860	A	#1/0 ACSR	7.33Y	122.2	0.05	2.84	18.59	8	132	33	97	0.04	0.0	1.884	0.125	16	4	2	21
PL.26587	PL.26861	A	#1/0 ACSR	7.33Y	122.1	0.04	2.87	14.40	6	102	26	97	0.03	0.0	1.996	0.112	0	0	0	18
PL.26230	PL.26587	A	#1/0 ACSR	7.33Y	122.1	0.00	2.87	0.72	0	5	1	98	0.00	0.0	2.050	0.054	5	1	1	1
PL.26589	PL.26587	A	#1/0 ACSR	7.33Y	122.1	0.04	2.91	13.68	6	97	24	97	0.03	0.0	2.125	0.130	0	0	0	17
PL.26757	PL.26589	A	#1/0 ACSR	7.32Y	122.1	0.03	2.94	13.68	6	97	24	97	0.02	0.0	2.225	0.100	0	0	0	17
PL.26231	PL.26757	A	#1/0 ACSR	7.32Y	122.1	0.00	2.95	1.58	1	11	3	96	0.00	0.0	2.259	0.034	11	3	1	1
PL.26871	PL.26757	A	#1/0 ACSR	7.32Y	122.1	0.00	2.95	1.35	1	10	2	98	0.00	0.0	2.387	0.162	0	0	1	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: Rice Station

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.26872	PL.26871	A	#1/0 ACSR	7.32Y	122.0	0.00	2.95	1.35	1	10	2	98	0.00	0.0	2.481	0.095	10	2	1	1
PL.26869	PL.26757	A	#1/0 ACSR	7.32Y	122.0	0.01	2.95	2.62	1	19	5	97	0.00	0.0	2.359	0.134	0	0	1	4
PL.26870	PL.26869	A	#1/0 ACSR	7.32Y	122.0	0.01	2.96	2.62	1	19	5	97	0.00	0.0	2.443	0.084	0	0	0	3
PL.26590	PL.26870	A	#1/0 ACSR	7.32Y	122.0	0.00	2.96	1.40	1	10	2	98	0.00	0.0	2.509	0.066	0	0	0	1
PL.26232	PL.26590	A	#1/0 ACSR	7.32Y	122.0	0.00	2.96	1.40	1	10	2	98	0.00	0.0	2.554	0.045	10	2	1	1
PL.27548	PL.26870	A	#1/0 ACSR	7.32Y	122.0	0.00	2.96	1.23	1	9	2	98	0.00	0.0	2.447	0.005	0	0	0	2
PD.3691	PL.27548	A	40T	7.32Y	122.0	0.00	2.96	1.23	0	9	2	98	0.00	0.0	2.447	0.005	0	0	0	2
PL.27549	PD.3691	A	#1/0 ACSR	7.32Y	122.0	0.00	2.96	1.23	1	9	2	98	0.00	0.0	2.609	0.162	9	2	2	2
PL.26867	PL.26757	A	#1/0 ACSR	7.32Y	122.0	0.01	2.96	8.12	4	58	14	97	0.00	0.0	2.296	0.071	4	1	1	10
PL.26868	PL.26867	A	#1/0 ACSR	7.32Y	122.0	0.01	2.97	7.62	3	54	14	97	0.00	0.0	2.351	0.055	7	2	1	9
PL.26866	PL.26868	A	#1/0 ACSR	7.32Y	122.0	0.01	2.98	6.64	3	47	12	97	0.00	0.0	2.432	0.081	11	3	2	8
PL.26873	PL.26866	A	#1/0 ACSR	7.32Y	122.0	0.01	2.99	5.08	2	36	9	97	0.00	0.0	2.538	0.106	5	1	1	6
PL.26874	PL.26873	A	#1/0 ACSR	7.32Y	122.0	0.00	2.99	4.41	2	31	8	97	0.00	0.0	2.559	0.021	6	1	1	5
PL.26857	PL.26874	A	#1/0 ACSR	7.32Y	122.0	0.00	2.99	3.59	2	26	6	97	0.00	0.0	2.606	0.047	6	1	1	4
PL.26858	PL.26857	A	#1/0 ACSR	7.32Y	122.0	0.00	3.00	2.79	1	20	5	97	0.00	0.0	2.637	0.031	4	1	1	3
PL.26859	PL.26858	A	#1/0 ACSR	7.32Y	122.0	0.00	3.00	2.21	1	16	4	97	0.00	0.0	2.683	0.045	6	2	1	2
PL.26856	PL.26859	A	#1/0 ACSR	7.32Y	122.0	0.00	3.00	1.32	1	9	2	98	0.00	0.0	2.697	0.014	9	2	1	1
PL.26228	PL.26861	A	#1/0 ACSR	7.33Y	122.2	0.00	2.84	1.95	1	14	3	98	0.00	0.0	1.948	0.064	0	0	0	1
PL.26229	PL.26228	A	6 A (CWC)	7.33Y	122.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	2.024	0.076	0	0	0	0
PL.26588	PL.26228	A	#1/0 ACSR	7.33Y	122.2	0.00	2.84	1.95	1	14	3	98	0.00	0.0	2.011	0.063	14	3	1	1
PL.26862	PL.26586	A	#2 ACSR	7.34Y	122.3	0.00	2.73	0.91	1	6	2	95	0.00	0.0	1.647	0.017	0	0	1	2
PL.26863	PL.26862	A	#2 ACSR	7.34Y	122.3	0.00	2.73	0.90	1	6	2	95	0.00	0.0	1.750	0.103	6	2	1	1
PL.26742	PL.26752	B	6 A (CWC)	7.39Y	123.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	1.005	0.009	0	0	0	1
PL.27546	PL.26742	B	6 A (CWC)	7.39Y	123.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	1.010	0.005	0	0	0	1
PD.3690	PL.27546	B	40T	7.39Y	123.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	1.010	0.005	0	0	0	1
PL.27547	PD.3690	B	6 A (CWC)	7.39Y	123.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	1.175	0.166	0	0	0	1
PL.26753	PL.27547	B	6 A (CWC)	7.39Y	123.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	1.276	0.101	0	0	0	1
PL.26754	PL.26753	B	6 A (CWC)	7.39Y	123.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	1.378	0.102	0	0	0	1
PL.26226	PL.26754	B	#1/0 ACSR	7.39Y	123.1	0.00	1.86	0.00	0	0	0	100	0.00	0.0	1.468	0.090	0	0	1	1
PL.25701	Rice Station	ABC	336 MCM AC	7.50Y	125.0	0.01	0.01	180.53	35	3793	1453	93	0.20	0.0	0.007	0.007	0	0	0	743
PL.33028	PL.25701	ABC	336 MCM AC	7.50Y	125.0	0.00	0.01	180.53	35	3793	1453	93	0.04	0.0	0.009	0.002	0	0	0	743

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Balanced Voltage Drop Report
Source: Rice Station

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
---------- Feeder No. 1 (Sand Hill F1) Beginning with Device PD.4871 ----------																				
PD.4871	PL.33028	ABC	380VWE	7.50Y	125.0	0.00	0.01	180.53	0	3793	1453	93	0.00	0.0	0.009	0.002	0	0	0	743
PL.33029	PD.4871	ABC	336 MCM AC	7.49Y	124.9	0.10	0.11	180.53	35	3793	1453	93	1.78	0.0	0.074	0.065	2	0	1	743
PL.25491	PL.33029	ABC	336 MCM AC	7.48Y	124.7	0.19	0.30	180.44	35	3789	1448	93	3.45	0.1	0.199	0.126	0	0	0	742
PL.25489	PL.25491	ABC	336 MCM AC	7.47Y	124.5	0.16	0.46	180.44	35	3786	1440	93	2.98	0.1	0.308	0.109	3	1	1	742
PL.25490	PL.25489	ABC	336 MCM AC	7.47Y	124.5	0.06	0.52	180.29	35	3779	1432	94	1.05	0.0	0.347	0.038	6	1	1	741
PL.25205	PL.25490	ABC	336 MCM AC	7.46Y	124.3	0.16	0.68	179.36	35	3758	1425	94	2.92	0.1	0.454	0.108	0	0	0	737
PL.24702	PL.25205	ABC	336 MCM AC	7.45Y	124.1	0.19	0.87	179.36	35	3755	1418	94	3.53	0.1	0.584	0.130	0	0	0	737
PL.25010	PL.24702	ABC	336 MCM AC	7.44Y	124.0	0.13	0.99	179.36	35	3752	1410	94	2.31	0.1	0.670	0.085	0	0	0	737
PL.25613	PL.25010	A	6 A (CWC)	7.44Y	124.0	0.00	0.99	0.05	0	0	0	100	0.00	0.0	0.674	0.005	0	0	0	1
PD.3587	PL.25613	A	65T	7.44Y	124.0	0.00	0.99	0.05	0	0	0	100	0.00	0.0	0.674	0.005	0	0	0	1
PL.25614	PD.3587	A	6 A (CWC)	7.44Y	124.0	0.00	0.99	0.05	0	0	0	100	0.00	0.0	0.703	0.028	0	0	1	1
PL.25486	PL.25010	ABC	336 MCM AC	7.44Y	124.0	0.06	1.05	179.34	35	3749	1404	94	1.03	0.0	0.708	0.038	17	4	4	736
PL.25487	PL.25486	ABC	336 MCM AC	7.43Y	123.9	0.06	1.11	178.55	34	3730	1397	94	1.09	0.0	0.749	0.041	0	0	0	732
PL.25484	PL.25487	ABC	336 MCM AC	7.43Y	123.8	0.05	1.16	178.55	34	3729	1395	94	0.90	0.0	0.782	0.034	10	3	3	732
PL.25485	PL.25484	ABC	336 MCM AC	7.43Y	123.8	0.09	1.25	178.06	34	3718	1390	94	1.62	0.0	0.843	0.061	0	0	0	729
PL.25298	PL.25485	ABC	336 MCM AC	7.42Y	123.7	0.03	1.28	178.06	34	3716	1386	94	0.53	0.0	0.863	0.020	0	0	1	729
PL.25482	PL.25298	ABC	336 MCM AC	7.41Y	123.6	0.17	1.44	177.78	34	3710	1383	94	3.02	0.1	0.977	0.114	10	3	2	727
PL.25483	PL.25482	ABC	336 MCM AC	7.41Y	123.5	0.04	1.48	177.31	34	3696	1374	94	0.70	0.0	1.003	0.026	4	1	1	725
PL.25011	PL.25483	ABC	336 MCM AC	7.41Y	123.5	0.05	1.53	177.12	34	3692	1371	94	0.83	0.0	1.034	0.031	6	2	1	724
PL.25609	PL.25011	C	#4 ACSR	7.41Y	123.5	0.00	1.53	0.39	0	3	1	95	0.00	0.0	1.039	0.005	0	0	0	1
PD.3585	PL.25609	C	65T	7.41Y	123.5	0.00	1.53	0.39	0	3	1	95	0.00	0.0	1.039	0.005	0	0	0	1
PL.25610	PD.3585	C	#4 ACSR	7.41Y	123.5	0.00	1.53	0.39	0	3	1	95	0.00	0.0	1.078	0.039	3	1	1	1
PL.25480	PL.25011	ABC	336 MCM AC	7.41Y	123.4	0.05	1.58	176.71	34	3682	1367	94	0.96	0.0	1.071	0.037	14	4	2	722
PL.25481	PL.25480	ABC	336 MCM AC	7.40Y	123.3	0.11	1.69	176.06	34	3667	1361	94	2.01	0.1	1.148	0.077	8	2	4	720
PL.25605	PL.25481	ABC	336 MCM AC	7.39Y	123.2	0.14	1.83	174.92	34	3640	1350	94	2.56	0.1	1.248	0.099	0	0	0	715
PL.25606	PL.25605	ABC	336 MCM AC	7.39Y	123.2	0.01	1.84	174.92	34	3638	1344	94	0.11	0.0	1.252	0.004	7	2	1	715
PL.25478	PL.25606	ABC	336 MCM AC	7.38Y	123.1	0.10	1.94	174.60	34	3630	1342	94	1.88	0.1	1.325	0.073	7	2	1	713
PL.25479	PL.25478	ABC	336 MCM AC	7.38Y	123.0	0.08	2.03	174.26	34	3621	1336	94	1.50	0.0	1.384	0.059	0	0	0	712

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Balanced Voltage Drop Report
Source: Rice Station

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.25601	PL.25479	C	6 A (CWC)	7.38Y	123.0	0.00	2.03	0.71	1	5	1	98	0.00	0.0	1.388	0.005	0	0	0	1
PD.3582	PL.25601	C	65T	7.38Y	123.0	0.00	2.03	0.71	0	5	1	98	0.00	0.0	1.388	0.005	0	0	0	1
PL.25602	PD.3582	C	6 A (CWC)	7.38Y	123.0	0.00	2.03	0.71	1	5	1	98	0.00	0.0	1.488	0.099	0	0	0	1
PL.25107	PL.25602	C	#4 ACSR	7.38Y	123.0	0.00	2.03	0.71	1	5	1	98	0.00	0.0	1.661	0.173	5	1	1	1
PL.25597	PL.25479	ABC	336 MCM AC	7.37Y	122.8	0.14	2.16	174.03	34	3615	1331	94	2.47	0.1	1.481	0.097	0	0	0	711
PL.25598	PL.25597	ABC	336 MCM AC	7.37Y	122.8	0.01	2.17	174.03	34	3612	1326	94	0.12	0.0	1.485	0.005	0	0	0	711
PL.25599	PL.25598	A	#1/0 ACSR	7.37Y	122.8	0.00	2.17	0.68	0	5	1	98	0.00	0.0	1.490	0.005	0	0	0	2
PD.3581	PL.25599	A	65T	7.37Y	122.8	0.00	2.17	0.68	0	5	1	98	0.00	0.0	1.490	0.005	0	0	0	2
PL.25600	PD.3581	A	#1/0 ACSR	7.37Y	122.8	0.00	2.17	0.68	0	5	1	98	0.00	0.0	1.659	0.169	3	1	1	2
PL.25471	PL.25600	A	#1/0 ACSR	7.37Y	122.8	0.00	2.17	0.23	0	2	0	100	0.00	0.0	1.704	0.045	2	0	1	1
PL.25472	PL.25598	ABC	336 MCM AC	7.37Y	122.8	0.03	2.20	173.80	33	3607	1324	94	0.45	0.0	1.503	0.018	8	2	2	709
PL.25473	PL.25472	ABC	336 MCM AC	7.36Y	122.7	0.14	2.34	173.43	33	3599	1321	94	2.57	0.1	1.605	0.101	0	0	0	707
PL.25108	PL.25473	C	#4 ACSR	7.36Y	122.7	0.00	2.34	4.72	4	34	8	97	0.00	0.0	1.609	0.005	0	0	0	7
PD.3580	PL.25108	C	65T	7.36Y	122.7	0.00	2.34	4.72	0	34	8	97	0.00	0.0	1.609	0.005	0	0	0	7
PL.25109	PD.3580	C	#4 ACSR	7.36Y	122.7	0.00	2.34	0.45	0	3	1	95	0.00	0.0	1.709	0.100	3	1	1	1
PL.25292	PD.3580	C	6 A (CWC)	7.36Y	122.7	0.01	2.35	2.18	2	16	4	97	0.00	0.0	1.694	0.085	9	2	2	3
PL.25468	PL.25292	C	6 A (CWC)	7.36Y	122.7	0.00	2.35	0.88	1	6	2	95	0.00	0.0	1.738	0.044	6	2	1	1
PL.25206	PD.3580	C	#4 ACSR	7.36Y	122.7	0.00	2.34	2.10	2	15	4	97	0.00	0.0	1.674	0.065	15	4	3	3
PL.25469	PL.25473	ABC	336 MCM AC	7.35Y	122.5	0.14	2.48	171.87	33	3563	1307	94	2.44	0.1	1.703	0.098	5	1	2	700
PL.25470	PL.25469	ABC	336 MCM AC	7.34Y	122.4	0.14	2.61	171.64	33	3555	1300	94	2.42	0.1	1.801	0.098	18	5	3	698
PL.25461	PL.25470	ABC	336 MCM AC	7.34Y	122.3	0.05	2.66	170.79	33	3535	1290	94	0.91	0.0	1.838	0.037	7	2	1	695
PL.25459	PL.25461	ABC	336 MCM AC	7.34Y	122.3	0.08	2.74	170.47	33	3527	1286	94	1.35	0.0	1.893	0.055	0	0	0	694
PL.25110	PL.25459	ABC	336 MCM AC	7.33Y	122.2	0.01	2.75	170.47	33	3525	1282	94	0.24	0.0	1.903	0.010	8	2	1	694
PL.25460	PL.25110	B	6 A (CWC)	7.33Y	122.2	0.01	2.76	2.55	2	18	5	96	0.00	0.0	1.968	0.065	0	0	1	6
PL.25619	PL.25460	B	6 A (CWC)	7.33Y	122.2	0.00	2.76	2.55	2	18	5	96	0.00	0.0	1.973	0.005	0	0	0	5
PD.3590	PL.25619	B	65T	7.33Y	122.2	0.00	2.76	2.55	0	18	5	96	0.00	0.0	1.973	0.005	0	0	0	5
PL.25620	PD.3590	B	6 A (CWC)	7.33Y	122.2	0.01	2.77	2.55	2	18	5	96	0.00	0.0	2.038	0.065	0	0	0	5
PL.25474	PL.25620	B	6 A (CWC)	7.33Y	122.2	0.02	2.79	2.55	2	18	5	96	0.00	0.0	2.217	0.179	3	1	1	5
PL.25475	PL.25474	B	6 A (CWC)	7.33Y	122.2	0.01	2.80	2.18	2	15	4	97	0.00	0.0	2.278	0.061	2	0	1	4
PL.25476	PL.25475	B	#4 ACSR	7.33Y	122.2	0.01	2.80	1.91	1	14	3	98	0.00	0.0	2.415	0.137	9	2	2	3
PL.25477	PL.25476	B	#4 ACSR	7.33Y	122.2	0.00	2.80	0.71	1	5	1	98	0.00	0.0	2.506	0.091	5	1	1	1

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Balanced Voltage Drop Report
Source: Rice Station

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.25111	PL.25110	ABC	336 MCM AC	7.33Y	122.2	0.09	2.85	168.82	33	3490	1273	94	1.61	0.0	1.970	0.067	8	2	2	685
PL.25207	PL.25111	ABC	336 MCM AC	7.33Y	122.1	0.06	2.91	167.79	32	3466	1264	94	1.06	0.0	2.015	0.045	0	0	0	679
PL.25595	PL.25207	C	#4 ACSR	7.33Y	122.1	0.00	2.91	2.08	2	15	4	97	0.00	0.0	2.019	0.005	0	0	0	2
PD.3579	PL.25595	C	65T	7.33Y	122.1	0.00	2.91	2.08	0	15	4	97	0.00	0.0	2.019	0.005	0	0	0	2
PL.25596	PD.3579	C	#4 ACSR	7.33Y	122.1	0.00	2.91	2.08	2	15	4	97	0.00	0.0	2.051	0.032	15	4	2	2
PL.25208	PL.25207	ABC	336 MCM AC	7.32Y	122.1	0.03	2.94	167.10	32	3450	1258	94	0.48	0.0	2.035	0.020	0	0	0	677
PL.25457	PL.25208	ABC	336 MCM AC	7.32Y	122.0	0.08	3.01	164.87	32	3402	1245	94	1.28	0.0	2.091	0.056	6	1	3	666
PL.25458	PL.25457	ABC	336 MCM AC	7.32Y	121.9	0.05	3.06	164.60	32	3395	1240	94	0.83	0.0	2.127	0.036	0	0	0	663
PL.25209	PL.25458	ABC	336 MCM AC	7.32Y	121.9	0.02	3.08	164.60	32	3394	1238	94	0.34	0.0	2.142	0.015	18	5	5	663
PL.25210	PL.25209	ABC	336 MCM AC	7.31Y	121.8	0.10	3.18	157.07	30	3233	1197	94	1.69	0.1	2.224	0.081	7	2	1	633
PL.25211	PL.25210	ABC	336 MCM AC	7.30Y	121.7	0.10	3.28	155.81	30	3204	1186	94	1.53	0.0	2.299	0.075	7	2	2	629
PL.25200	PL.25211	ABC	336 MCM AC	7.30Y	121.7	0.06	3.34	155.49	30	3195	1181	94	0.99	0.0	2.347	0.049	6	2	1	627
PL.25212	PL.25200	ABC	336 MCM AC	7.30Y	121.6	0.03	3.37	155.07	30	3185	1177	94	0.53	0.0	2.374	0.026	5	1	1	625
PL.25201	PL.25212	ABC	336 MCM AC	7.29Y	121.6	0.06	3.43	154.84	30	3180	1174	94	0.90	0.0	2.418	0.044	0	0	0	624
PL.25679	PL.25201	ABC	336 MCM AC	7.29Y	121.5	0.06	3.49	154.03	30	3162	1168	94	0.88	0.0	2.462	0.044	0	0	0	622
PD.3620-A	PL.25679	ABC	Closed	7.29Y	121.5	0.00	3.49	154.03	0	3161	1166	94	0.00	0.0	2.462	0.044	0	0	0	622
PD.3620-B	PD.3620-A	ABC	Closed	7.29Y	121.5	0.00	3.49	154.03	0	3161	1166	94	0.00	0.0	2.462	0.044	0	0	0	622
PL.25680	PD.3620-B	ABC	336 MCM AC	7.29Y	121.5	0.01	3.49	154.03	30	3161	1166	94	0.09	0.0	2.467	0.005	0	0	0	622
PL.25204	PL.25680	ABC	#3/0 ACSR	7.29Y	121.5	0.00	3.49	0.00	0	0	0	100	0.00	0.0	2.471	0.005	0	0	0	0
PD.3618-B	PL.25204	ABC	Open	7.29Y	121.5	0.00	3.49	0.00	0	0	0	100	0.00	0.0	2.471	0.005	0	0	0	0
PL.25677	PL.25680	ABC	#3/0 ACSR	7.29Y	121.5	0.01	3.50	153.43	51	3148	1162	94	0.20	0.0	2.472	0.005	0	0	0	620
PD.3619-A	PL.25677	ABC	Closed	7.29Y	121.5	0.00	3.50	153.43	0	3148	1162	94	0.00	0.0	2.472	0.005	0	0	0	620
PD.3619-B	PD.3619-A	ABC	Closed	7.29Y	121.5	0.00	3.50	153.43	0	3148	1162	94	0.00	0.0	2.472	0.005	0	0	0	620
PL.25678	PD.3619-B	ABC	#3/0 ACSR	7.29Y	121.4	0.07	3.57	153.43	51	3148	1162	94	1.29	0.0	2.504	0.033	6	2	1	620
PL.25445	PL.25678	ABC	#3/0 ACSR	7.28Y	121.3	0.09	3.66	153.14	51	3140	1158	94	1.77	0.1	2.549	0.045	19	5	4	619
PL.25213	PL.25445	ABC	#3/0 ACSR	7.27Y	121.2	0.17	3.83	152.23	51	3119	1151	94	3.25	0.1	2.633	0.084	4	1	1	615
PL.25573	PL.25213	A	#4 ACSR	7.27Y	121.2	0.00	3.83	1.07	1	8	2	97	0.00	0.0	2.656	0.023	0	0	0	1
PD.3568	PL.25573	A	65T	7.27Y	121.2	0.00	3.83	1.07	0	8	2	97	0.00	0.0	2.656	0.023	0	0	0	1
PL.25574	PD.3568	A	#4 ACSR	7.27Y	121.2	0.00	3.84	1.07	1	8	2	97	0.00	0.0	2.740	0.084	8	2	1	1
PL.25121	PL.25213	ABC	#3/0 ACSR	7.26Y	121.1	0.10	3.94	151.69	51	3105	1143	94	1.98	0.1	2.684	0.051	0	0	0	613
PL.25571	PL.25121	C	6 A (CWC)	7.26Y	121.1	0.00	3.94	1.70	1	12	3	97	0.00	0.0	2.689	0.005	0	0	0	3

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

Balanced Voltage Drop Report
Source: Rice Station

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.3567	PL.25571	C	65T	7.26Y	121.1	0.00	3.94	1.70	0	12	3	97	0.00	0.0	2.689	0.005	0	0	0	3	
PL.25572	PD.3567	C	6 A (CWC)	7.26Y	121.1	0.01	3.95	1.70	1	12	3	97	0.00	0.0	2.787	0.098	0	0	0	3	
PL.25122	PL.25572	C	#4 ACSR	7.26Y	121.1	0.00	3.95	0.53	0	4	1	97	0.00	0.0	2.827	0.040	4	1	1	1	
PL.25123	PL.25572	C	6 A (CWC)	7.26Y	121.1	0.00	3.95	1.17	1	8	2	97	0.00	0.0	2.875	0.089	8	2	2	2	
PL.25120	PL.25121	ABC	#3/0 ACSR	7.24Y	120.7	0.34	4.28	149.62	50	3058	1130	94	6.34	0.2	2.853	0.169	0	0	0	597	
PL.24705	PL.25120	ABC	#3/0 ACSR	7.23Y	120.5	0.22	4.50	149.62	50	3052	1121	94	4.11	0.1	2.962	0.109	0	0	0	597	
PL.24707	PL.24705	ABC	#3/0 ACSR	7.20Y	120.0	0.50	4.99	149.62	50	3048	1115	94	9.35	0.3	3.211	0.249	0	0	0	597	
PL.24706	PL.24707	ABC	#3/0 ACSR	7.19Y	119.8	0.22	5.21	149.62	50	3039	1101	94	4.10	0.1	3.320	0.109	0	0	0	597	
PL.24708	PL.24706	ABC	#3/0 ACSR	7.17Y	119.5	0.33	5.54	149.62	50	3035	1095	94	6.13	0.2	3.483	0.163	0	0	0	597	
PL.24709	PL.24708	ABC	#3/0 ACSR	7.15Y	119.2	0.22	5.76	149.62	50	3028	1086	94	4.16	0.1	3.593	0.111	0	0	0	597	
PL.25132	PL.24709	ABC	#3/0 ACSR	7.14Y	119.0	0.28	6.04	149.62	50	3024	1080	94	5.36	0.2	3.736	0.142	0	0	0	597	
PL.25681	PL.25132	ABC	#3/0 ACSR	7.12Y	118.6	0.34	6.39	149.62	50	3019	1072	94	6.44	0.2	3.907	0.171	0	0	0	597	
PD.3621-A	PL.25681	ABC	Closed	7.12Y	118.6	0.00	6.39	149.62	0	3012	1063	94	0.00	0.0	3.907	0.171	0	0	0	597	
PD.3621-B	PD.3621-A	ABC	Closed	7.12Y	118.6	0.00	6.39	149.62	0	3012	1063	94	0.00	0.0	3.907	0.171	0	0	0	597	
PL.25682	PD.3621-B	ABC	#3/0 ACSR	7.10Y	118.4	0.20	6.58	149.62	50	3012	1063	94	3.73	0.1	4.006	0.099	0	0	0	597	
PL.25427	PL.25682	ABC	#3/0 ACSR	7.10Y	118.3	0.16	6.75	149.62	50	3009	1058	94	3.11	0.1	4.089	0.083	0	0	0	597	
PL.25286	PL.25427	ABC	#3/0 ACSR	7.09Y	118.2	0.08	6.83	133.84	45	2701	907	95	1.37	0.1	4.134	0.046	0	0	0	596	
PL.25663	PL.25286	ABC	#4 ACSR	7.09Y	118.2	0.00	6.83	0.71	1	14	7	89	0.00	0.0	4.139	0.005	0	0	0	1	
PD.3612	PL.25663	ABC	65T	7.09Y	118.2	0.00	6.83	0.71	0	14	7	89	0.00	0.0	4.139	0.005	0	0	0	1	
PL.25664	PD.3612	ABC	#4 ACSR	7.09Y	118.2	0.00	6.83	0.71	1	14	7	89	0.00	0.0	4.153	0.014	14	7	1	1	
L PL.25287	PL.25286	ABC	#3/0 ACSR	7.08Y	117.9	0.22	7.05	133.13	44	2686	899	95	3.82	0.1	4.263	0.128	0	0	0	595	L
C RG.29	PL.25287	ABC	114.3 KVA	7.45Y	124.2	-6.21	0.84	133.13	89	2682	893	95	percent Boost= 5.00 Tap= 8.0							595	C
PL.25215	RG.29	ABC	#3/0 ACSR	7.44Y	124.1	0.07	0.92	126.48	42	2682	893	95	1.17	0.0	4.306	0.044	2	1	1	595	
PL.25133	PL.25215	ABC	#3/0 ACSR	7.44Y	124.1	0.00	0.92	126.37	42	2678	891	95	0.04	0.0	4.308	0.001	0	0	0	594	
PL.25425	PL.25133	ABC	#3/0 ACSR	7.44Y	123.9	0.14	1.06	125.99	42	2670	887	95	2.33	0.1	4.395	0.087	0	0	0	593	
PL.25426	PL.25425	ABC	#3/0 ACSR	7.43Y	123.8	0.10	1.16	125.99	42	2668	884	95	1.57	0.1	4.454	0.059	0	0	0	593	
PL.24729	PL.25426	A	#2 ACSR	7.43Y	123.8	0.00	1.16	1.34	1	10	2	98	0.00	0.0	4.459	0.005	0	0	0	5	
PD.3563	PL.24729	A	65T	7.43Y	123.8	0.00	1.16	1.34	0	10	2	98	0.00	0.0	4.459	0.005	0	0	0	5	
PL.24730	PD.3563	A	#2 ACSR	7.43Y	123.8	0.00	1.16	1.34	1	10	2	98	0.00	0.0	4.512	0.053	0	0	0	5	
PL.25073	PL.24730	A	#1/0 ACSR	7.43Y	123.8	0.00	1.16	0.64	0	5	1	98	0.00	0.0	4.521	0.010	5	1	3	3	
PL.25072	PL.24730	A	#4 ACSR	7.43Y	123.8	0.00	1.16	0.70	1	5	1	98	0.00	0.0	4.552	0.041	5	1	2	2	

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Balanced Voltage Drop Report
Source: Rice Station

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.25216	PL.25426	ABC	#3/0 ACSR	7.43Y	123.8	0.06	1.22	125.54	42	2657	879	95	0.95	0.0	4.490	0.036	4	1	1	588
PL.25217	PL.25216	ABC	#3/0 ACSR	7.42Y	123.7	0.09	1.31	122.13	41	2582	859	95	1.43	0.1	4.547	0.057	0	0	0	571
PL.24725	PL.25217	A	#1/0 ACSR	7.42Y	123.7	0.00	1.31	6.83	3	49	12	97	0.00	0.0	4.552	0.005	0	0	0	20
PD.3561	PL.24725	A	65T	7.42Y	123.7	0.00	1.31	6.83	0	49	12	97	0.00	0.0	4.552	0.005	0	0	0	20
PL.24726	PD.3561	A	#1/0 ACSR	7.42Y	123.7	0.00	1.32	6.83	3	49	12	97	0.00	0.0	4.569	0.017	5	1	2	20
PL.25417	PL.24726	A	#1/0 ACSR	7.42Y	123.7	0.00	1.32	6.19	3	45	11	97	0.00	0.0	4.588	0.020	19	5	6	18
PL.25416	PL.25417	A	#1/0 ACSR	7.42Y	123.7	0.00	1.32	3.59	2	26	6	97	0.00	0.0	4.624	0.036	18	5	6	12
PL.25409	PL.25416	A	#1/0 ACSR	7.42Y	123.7	0.00	1.32	1.04	0	7	2	96	0.00	0.0	4.649	0.025	7	2	6	6
PL.24723	PL.25217	ABC	#3/0 ACSR	7.42Y	123.7	0.01	1.32	119.86	40	2531	845	95	0.11	0.0	4.552	0.005	0	0	0	551
PL.24724	PL.24723	ABC	#3/0 ACSR	7.41Y	123.5	0.16	1.48	119.86	40	2531	845	95	2.38	0.1	4.651	0.099	8	2	3	551
PL.25220	PL.24724	ABC	#3/0 ACSR	7.41Y	123.5	0.03	1.51	57.98	19	1190	495	92	0.22	0.0	4.689	0.038	0	0	0	94
PL.25683	PL.25220	ABC	#3/0 ACSR	7.41Y	123.5	0.02	1.53	56.86	19	1166	488	92	0.17	0.0	4.719	0.031	0	0	0	84
PD.3622-A	PL.25683	ABC	Closed	7.41Y	123.5	0.00	1.53	56.86	0	1166	488	92	0.00	0.0	4.719	0.031	0	0	0	84
PD.3622-B	PD.3622-A	ABC	Closed	7.41Y	123.5	0.00	1.53	56.86	0	1166	488	92	0.00	0.0	4.719	0.031	0	0	0	84
PL.25684	PD.3622-B	ABC	#3/0 ACSR	7.41Y	123.4	0.05	1.58	56.86	19	1166	488	92	0.37	0.0	4.787	0.068	0	0	0	84
PL.25222	PL.25684	ABC	#3/0 ACSR	7.40Y	123.4	0.03	1.62	55.84	19	1144	479	92	0.22	0.0	4.830	0.043	0	0	0	82
PL.25569	PL.25222	C	#2 ACSR	7.40Y	123.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	4.834	0.005	0	0	0	0
PD.3558	PL.25569	C	65T	7.40Y	123.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	4.834	0.005	0	0	0	0
PL.24722	PD.3558	C	#2 ACSR	7.40Y	123.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	4.858	0.024	0	0	0	0
PL.25408	PL.24722	C	#2 ACSR	7.40Y	123.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	4.883	0.025	0	0	0	0
PL.25223	PL.25222	ABC	#3/0 ACSR	7.40Y	123.3	0.13	1.74	55.84	19	1144	478	92	0.85	0.1	4.992	0.162	0	0	0	82
PL.25565	PL.25223	C	#1/0 ACSR	7.40Y	123.3	0.00	1.74	0.26	0	2	0	100	0.00	0.0	4.997	0.005	0	0	0	2
PD.3556	PL.25565	C	65T	7.40Y	123.3	0.00	1.74	0.26	0	2	0	100	0.00	0.0	4.997	0.005	0	0	0	2
PL.25566	PD.3556	C	#1/0 ACSR	7.40Y	123.3	0.00	1.74	0.26	0	2	0	100	0.00	0.0	5.032	0.036	2	0	2	2
PL.25284	PL.25223	ABC	#3/0 ACSR	7.39Y	123.2	0.08	1.82	55.75	19	1142	477	92	0.56	0.0	5.100	0.108	0	0	0	80
PL.25559	PL.25284	A	#1/0 ACSR	7.39Y	123.2	0.00	1.82	0.17	0	1	0	100	0.00	0.0	5.104	0.005	0	0	0	1
PD.3553	PL.25559	A	65T	7.39Y	123.2	0.00	1.82	0.17	0	1	0	100	0.00	0.0	5.104	0.005	0	0	0	1
PL.25560	PD.3553	A	#1/0 ACSR	7.39Y	123.2	0.00	1.82	0.17	0	1	0	100	0.00	0.0	5.110	0.006	1	0	1	1
PL.25285	PL.25284	ABC	#3/0 ACSR	7.39Y	123.1	0.05	1.87	55.70	19	1140	475	92	0.32	0.0	5.162	0.062	0	0	0	79
PL.25403	PL.25285	ABC	336 MCM AC	7.39Y	123.1	0.03	1.90	55.70	11	1139	475	92	0.15	0.0	5.221	0.059	3	1	2	79
PL.25404	PL.25403	ABC	336 MCM AC	7.39Y	123.1	0.01	1.91	55.57	11	1136	474	92	0.03	0.0	5.232	0.011	0	0	0	77

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Balanced Voltage Drop Report
Source: Rice Station

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.25131	PL.25404	ABC	#1/0 ACSR	7.39Y	123.1	0.01	1.91	23.15	10	466	215	91	0.02	0.0	5.244	0.012	0	0	0	7
PL.25401	PL.25131	ABC	#2 ACSR	7.38Y	123.0	0.05	1.96	23.15	13	465	215	91	0.18	0.0	5.327	0.083	0	0	1	7
PL.25402	PL.25401	ABC	#2 ACSR	7.38Y	123.0	0.05	2.01	23.13	13	465	215	91	0.19	0.0	5.415	0.088	0	0	0	6
PL.25557	PL.25402	A	#2 ACSR	7.38Y	123.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	5.419	0.005	0	0	0	0
PD.3552	PL.25557	A	65T	7.38Y	123.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	5.419	0.005	0	0	0	0
PL.25558	PD.3552	A	#2 ACSR	7.38Y	123.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	5.434	0.015	0	0	0	0
PL.25130	PL.25558	A	#2 ACSR	7.38Y	123.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	5.476	0.042	0	0	0	0
PL.25555	PL.25402	ABC	#2 ACSR	7.38Y	123.0	0.00	2.02	23.13	13	465	215	91	0.01	0.0	5.419	0.005	0	0	0	6
PL.25556	PL.25555	ABC	#2 ACSR	7.38Y	123.0	0.02	2.04	23.13	13	465	215	91	0.07	0.0	5.452	0.033	24	6	1	6
PL.25129	PL.25556	ABC	#2 ACSR	7.38Y	122.9	0.03	2.07	22.04	13	441	209	90	0.11	0.0	5.508	0.055	0	0	1	5
PL.25671	PL.25129	ABC	1/0 AL URD	7.38Y	122.9	0.00	2.07	21.18	12	422	204	90	0.01	0.0	5.512	0.005	0	0	0	1
PD.3615	PL.25671	ABC	65T	7.38Y	122.9	0.00	2.07	21.18	0	422	204	90	0.00	0.0	5.512	0.005	0	0	0	1
PL.25672	PD.3615	ABC	1/0 AL URD	7.38Y	122.9	0.00	2.07	21.18	12	422	204	90	0.00	0.0	5.522	0.010	422	204	1	1
PL.25669	PL.25129	ABC	#2 ACSR	7.38Y	122.9	0.00	2.07	0.88	1	19	5	97	0.00	0.0	5.512	0.005	0	0	0	3
PL.25670	PL.25669	ABC	#2 ACSR	7.38Y	122.9	0.00	2.07	0.88	1	19	5	97	0.00	0.0	5.555	0.042	0	0	0	3
PL.25561	PL.25670	A	#2 ACSR	7.38Y	122.9	0.00	2.07	2.64	2	19	5	97	0.00	0.0	5.559	0.005	0	0	0	3
PD.3554	PL.25561	A	65T	7.38Y	122.9	0.00	2.07	2.64	0	19	5	97	0.00	0.0	5.559	0.005	0	0	0	3
PL.25562	PD.3554	A	#2 ACSR	7.38Y	122.9	0.00	2.07	2.64	2	19	5	97	0.00	0.0	5.602	0.043	19	5	2	3
PL.25405	PL.25562	A	#2 ACSR	7.38Y	122.9	0.00	2.07	0.03	0	0	0	100	0.00	0.0	5.697	0.095	0	0	0	1
PL.24712	PL.25405	A	#2 ACSR	7.38Y	122.9	0.00	2.07	0.03	0	0	0	100	0.00	0.0	5.812	0.115	0	0	1	1
PL.25399	PL.25404	ABC	#1/0 ACSR	7.38Y	123.1	0.02	1.92	32.45	14	671	259	93	0.08	0.0	5.262	0.030	5	1	1	70
PL.25400	PL.25399	ABC	#1/0 ACSR	7.38Y	123.0	0.05	1.98	32.20	14	665	257	93	0.24	0.0	5.348	0.086	0	0	0	69
PL.25623	PL.25400	A	6 A (CWC)	7.38Y	123.0	0.00	1.98	0.39	0	3	1	95	0.00	0.0	5.352	0.005	0	0	0	1
PD.3592	PL.25623	A	65T	7.38Y	123.0	0.00	1.98	0.39	0	3	1	95	0.00	0.0	5.352	0.005	0	0	0	1
PL.25624	PD.3592	A	6 A (CWC)	7.38Y	123.0	0.00	1.98	0.39	0	3	1	95	0.00	0.0	5.378	0.026	3	1	1	1
PL.25659	PL.25400	C	6 A (CWC)	7.38Y	123.0	0.00	1.98	1.08	1	8	2	97	0.00	0.0	5.352	0.005	0	0	0	2
PD.3610	PL.25659	C	65T	7.38Y	123.0	0.00	1.98	1.08	0	8	2	97	0.00	0.0	5.352	0.005	0	0	0	2
PL.25660	PD.3610	C	6 A (CWC)	7.38Y	123.0	0.00	1.98	1.08	1	8	2	97	0.00	0.0	5.393	0.041	5	1	1	2
PL.25398	PL.25660	C	6 A (CWC)	7.38Y	123.0	0.00	1.98	0.42	0	3	1	95	0.00	0.0	5.430	0.037	3	1	1	1
PL.25396	PL.25400	ABC	#1/0 ACSR	7.38Y	123.0	0.05	2.02	31.71	14	655	254	93	0.21	0.0	5.427	0.079	0	0	0	66
PL.25397	PL.25396	ABC	#1/0 ACSR	7.38Y	122.9	0.06	2.08	31.71	14	654	254	93	0.26	0.0	5.523	0.096	0	0	0	66

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Balanced Voltage Drop Report
Source: Rice Station

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.25224	PL.25397	ABC	#1/0 ACSR	7.37Y	122.9	0.06	2.14	27.90	12	573	229	93	0.22	0.0	5.629	0.106	0	0	0	56
PL.25551	PL.25224	C	6 A (CWC)	7.37Y	122.9	0.00	2.14	1.48	1	11	3	96	0.00	0.0	5.633	0.005	0	0	0	5
PD.3550	PL.25551	C	65T	7.37Y	122.9	0.00	2.14	1.48	0	11	3	96	0.00	0.0	5.633	0.005	0	0	0	5
PL.25552	PD.3550	C	6 A (CWC)	7.37Y	122.9	0.00	2.14	1.48	1	11	3	96	0.00	0.0	5.679	0.046	5	1	1	5
PL.25393	PL.25552	C	6 A (CWC)	7.37Y	122.9	0.00	2.14	0.75	1	5	1	98	0.00	0.0	5.719	0.040	0	0	0	4
PL.25394	PL.25393	C	6 A (CWC)	7.37Y	122.9	0.00	2.14	0.75	1	5	1	98	0.00	0.0	5.757	0.037	3	1	2	4
PL.25081	PL.25394	C	#2 ACSR	7.37Y	122.9	0.00	2.14	0.35	0	2	1	89	0.00	0.0	5.843	0.087	1	0	1	2
PL.25082	PL.25081	C	#2 ACSR	7.37Y	122.9	0.00	2.14	0.18	0	1	0	100	0.00	0.0	5.907	0.063	0	0	0	1
PL.25080	PL.25082	C	#2 ACSR	7.37Y	122.9	0.00	2.14	0.18	0	1	0	100	0.00	0.0	6.046	0.139	1	0	1	1
PL.25128	PL.25224	ABC	#1/0 ACSR	7.37Y	122.9	0.01	2.15	27.42	12	562	227	93	0.03	0.0	5.646	0.017	0	0	0	51
PL.25225	PL.25128	ABC	#1/0 ACSR	7.37Y	122.9	0.00	2.15	18.29	8	364	176	90	0.00	0.0	5.651	0.005	0	0	0	1
PL.25675	PL.25225	ABC	1/0 AL URD	7.37Y	122.9	0.00	2.15	18.29	11	364	176	90	0.01	0.0	5.656	0.005	0	0	0	1
PD.3617	PL.25675	ABC	65T	7.37Y	122.9	0.00	2.15	18.29	0	364	176	90	0.00	0.0	5.656	0.005	0	0	0	1
PL.25676	PD.3617	ABC	1/0 AL URD	7.37Y	122.8	0.00	2.15	18.29	11	364	176	90	0.01	0.0	5.677	0.021	364	176	1	1
PL.25553	PL.25128	B	6 A (CWC)	7.37Y	122.8	0.01	2.15	27.75	20	198	50	97	0.01	0.0	5.651	0.005	0	0	0	50
PD.3551	PL.25553	B	70L	7.37Y	122.8	0.00	2.15	27.75	40	198	50	97	0.00	0.0	5.651	0.005	0	0	0	50
PL.25554	PD.3551	B	6 A (CWC)	7.36Y	122.7	0.11	2.26	27.75	20	198	50	97	0.16	0.1	5.735	0.085	0	0	1	50
PL.25389	PL.25554	B	6 A (CWC)	7.36Y	122.7	0.08	2.34	27.75	20	198	50	97	0.12	0.1	5.800	0.065	1	0	1	49
PL.25388	PL.25389	B	6 A (CWC)	7.35Y	122.6	0.09	2.44	27.58	20	197	50	97	0.14	0.1	5.876	0.076	0	0	0	48
PL.25690	PL.25388	B	6 A (CWC)	7.35Y	122.4	0.12	2.56	27.58	20	197	50	97	0.18	0.1	5.974	0.098	0	0	0	48
PL.25391	PL.25690	B	6 A (CWC)	7.34Y	122.3	0.10	2.66	27.58	20	196	50	97	0.15	0.1	6.057	0.083	1	0	1	47
PL.25392	PL.25391	B	6 A (CWC)	7.33Y	122.1	0.20	2.86	27.44	20	195	49	97	0.29	0.1	6.220	0.163	8	2	1	46
PL.25390	PL.25392	B	6 A (CWC)	7.32Y	121.9	0.22	3.08	26.32	19	187	47	97	0.30	0.2	6.401	0.181	0	0	0	45
PL.25143	PL.25390	B	6 A (CWC)	7.31Y	121.9	0.02	3.10	7.24	5	51	13	97	0.01	0.0	6.481	0.080	13	3	2	8
PL.25083	PL.25143	B	#2 ACSR	7.31Y	121.9	0.00	3.11	5.37	3	38	10	97	0.00	0.0	6.514	0.033	12	3	1	6
PL.25406	PL.25083	B	6 A (CWC)	7.31Y	121.9	0.00	3.11	3.68	3	26	7	97	0.00	0.0	6.531	0.017	2	0	2	5
PL.25407	PL.25406	B	6 A (CWC)	7.31Y	121.9	0.01	3.12	3.42	2	24	6	97	0.00	0.0	6.598	0.067	0	0	0	3
PL.25380	PL.25407	B	#2 ACSR	7.31Y	121.9	0.00	3.12	2.27	1	16	4	97	0.00	0.0	6.619	0.022	12	3	1	2
PL.25381	PL.25380	B	#2 ACSR	7.31Y	121.9	0.00	3.12	0.52	0	4	1	97	0.00	0.0	6.651	0.031	4	1	1	1
PL.25144	PL.25407	B	#2 ACSR	7.31Y	121.9	0.00	3.12	1.15	1	8	2	97	0.00	0.0	6.655	0.057	8	2	1	1
PL.25226	PL.25390	B	6 A (CWC)	7.31Y	121.9	0.06	3.14	19.08	14	135	34	97	0.06	0.0	6.470	0.069	0	0	0	37

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Balanced Voltage Drop Report
Source: Rice Station

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.25227	PL.25226	B	6 A (CWC)	7.31Y	121.8	0.03	3.16	18.72	13	133	34	97	0.03	0.0	6.501	0.031	6	2	1	34
PL.25145	PL.25227	B	6 A (CWC)	7.30Y	121.6	0.20	3.36	17.87	13	127	32	97	0.19	0.1	6.743	0.242	0	0	0	33
PL.25384	PL.25145	B	6 A (CWC)	7.29Y	121.6	0.06	3.42	15.01	11	106	27	97	0.05	0.0	6.835	0.092	4	1	1	28
PL.25385	PL.25384	B	6 A (CWC)	7.29Y	121.5	0.09	3.51	14.48	10	102	26	97	0.07	0.1	6.965	0.130	0	0	0	27
PL.25149	PL.25385	B	6 A (CWC)	7.29Y	121.5	0.00	3.51	0.79	1	6	1	99	0.00	0.0	7.071	0.106	0	0	1	5
PL.25229	PL.25149	B	6 A (CWC)	7.29Y	121.5	0.00	3.51	0.20	0	1	0	100	0.00	0.0	7.132	0.061	0	0	1	3
PL.25382	PL.25229	B	#4 ACSR	7.29Y	121.5	0.00	3.51	0.20	0	1	0	100	0.00	0.0	7.218	0.086	1	0	1	2
PL.25383	PL.25382	B	#4 ACSR	7.29Y	121.5	0.00	3.51	0.01	0	0	0	100	0.00	0.0	7.247	0.030	0	0	1	1
PL.25150	PL.25149	B	6 A (CWC)	7.29Y	121.5	0.00	3.51	0.59	0	4	1	97	0.00	0.0	7.129	0.058	4	1	1	1
PL.25279	PL.25385	B	6 A (CWC)	7.29Y	121.4	0.06	3.56	13.69	10	97	24	97	0.04	0.0	7.057	0.092	0	0	0	22
PL.25280	PL.25279	B	6 A (CWC)	7.28Y	121.4	0.04	3.61	13.69	10	97	24	97	0.03	0.0	7.125	0.068	0	0	0	22
PL.24713	PL.25280	B	6 A (CWC)	7.28Y	121.3	0.08	3.68	13.69	10	97	24	97	0.05	0.1	7.259	0.134	15	4	1	22
PL.24714	PL.24713	B	6 A (CWC)	7.28Y	121.3	0.06	3.75	11.59	8	82	21	97	0.04	0.0	7.377	0.118	0	0	0	21
PL.25625	PL.24714	B	6 A (CWC)	7.28Y	121.3	0.00	3.75	4.69	3	33	8	97	0.00	0.0	7.382	0.005	0	0	0	7
PD.3593	PL.25625	B	30T	7.28Y	121.3	0.00	3.75	4.69	0	33	8	97	0.00	0.0	7.382	0.005	0	0	0	7
PL.25626	PD.3593	B	6 A (CWC)	7.27Y	121.2	0.02	3.76	4.69	3	33	8	97	0.00	0.0	7.462	0.080	0	0	0	7
PL.25070	PL.25626	B	#2 ACSR	7.27Y	121.2	0.00	3.76	0.48	0	3	1	95	0.00	0.0	7.543	0.081	3	1	1	1
PL.25234	PL.25626	B	6 A (CWC)	7.27Y	121.2	0.02	3.78	4.21	3	30	7	97	0.00	0.0	7.547	0.086	0	0	0	6
PL.25067	PL.25234	B	6 A (CWC)	7.27Y	121.2	0.01	3.79	1.64	1	12	3	97	0.00	0.0	7.628	0.081	0	0	0	3
PL.25069	PL.25067	B	#2 ACSR	7.27Y	121.2	0.00	3.79	0.98	1	7	2	96	0.00	0.0	7.691	0.063	7	2	1	1
PL.25235	PL.25067	B	6 A (CWC)	7.27Y	121.2	0.00	3.79	0.66	0	5	1	98	0.00	0.0	7.686	0.058	0	0	0	2
PL.25236	PL.25235	B	6 A (CWC)	7.27Y	121.2	0.00	3.79	0.12	0	1	0	100	0.00	0.0	7.709	0.023	1	0	1	1
PL.25068	PL.25235	B	#2 ACSR	7.27Y	121.2	0.00	3.79	0.55	0	4	1	97	0.00	0.0	7.866	0.180	4	1	1	1
PL.25386	PL.25234	B	6 A (CWC)	7.27Y	121.2	0.01	3.79	2.57	2	18	5	96	0.00	0.0	7.656	0.108	7	2	1	3
PL.25387	PL.25386	B	6 A (CWC)	7.27Y	121.2	0.00	3.80	1.63	1	12	3	97	0.00	0.0	7.730	0.075	3	1	1	2
PL.25066	PL.25387	B	#1/0 ACSR	7.27Y	121.2	0.00	3.80	1.23	1	9	2	98	0.00	0.0	7.792	0.062	9	2	1	1
PL.25549	PL.24714	B	6 A (CWC)	7.28Y	121.3	0.00	3.75	6.90	5	49	12	97	0.00	0.0	7.382	0.005	0	0	0	14
PD.3549	PL.25549	B	20T	7.28Y	121.3	0.00	3.75	6.90	0	49	12	97	0.00	0.0	7.382	0.005	0	0	0	14
PL.25550	PD.3549	B	6 A (CWC)	7.27Y	121.2	0.04	3.79	6.90	5	49	12	97	0.02	0.0	7.530	0.148	7	2	1	14
PL.25492	PL.25550	B	6 A (CWC)	7.27Y	121.2	0.04	3.83	5.84	4	41	10	97	0.01	0.0	7.694	0.164	0	0	0	13
PL.25065	PL.25492	B	#4 ACSR	7.27Y	121.2	0.00	3.83	0.73	1	5	1	98	0.00	0.0	7.730	0.036	5	1	3	3

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Balanced Voltage Drop Report
Source: Rice Station

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.25230	PL.25492	B	6 A (CWC)	7.27Y	121.1	0.02	3.86	5.11	4	36	9	97	0.01	0.0	7.794	0.099	0	0	0	10
PL.25231	PL.25230	B	6 A (CWC)	7.27Y	121.1	0.01	3.87	3.31	2	23	6	97	0.00	0.0	7.865	0.071	0	0	0	7
PL.25232	PL.25231	B	6 A (CWC)	7.27Y	121.1	0.00	3.87	0.98	1	7	2	96	0.00	0.0	8.021	0.156	7	2	2	2
PL.25062	PL.25231	B	#2 ACSR	7.27Y	121.1	0.00	3.87	2.33	1	16	4	97	0.00	0.0	7.928	0.063	6	1	2	5
PL.25233	PL.25062	B	#2 ACSR	7.27Y	121.1	0.00	3.87	0.80	0	6	1	99	0.00	0.0	7.985	0.057	6	1	1	1
PL.25063	PL.25062	B	#1/0 ACSR	7.27Y	121.1	0.00	3.87	0.68	0	5	1	98	0.00	0.0	7.967	0.039	5	1	2	2
PL.25064	PL.25230	B	#4 ACSR	7.27Y	121.1	0.00	3.86	1.80	1	13	3	97	0.00	0.0	7.871	0.077	13	3	3	3
PL.25146	PL.25145	B	6 A (CWC)	7.30Y	121.6	0.02	3.38	2.86	2	20	5	97	0.00	0.0	6.894	0.152	0	0	0	5
PL.25228	PL.25146	B	6 A (CWC)	7.30Y	121.6	0.00	3.38	0.79	1	6	1	99	0.00	0.0	7.003	0.109	6	1	1	1
PL.25147	PL.25146	B	#4 ACSR	7.30Y	121.6	0.00	3.38	0.14	0	1	0	100	0.00	0.0	6.986	0.091	1	0	1	1
PL.25148	PL.25146	B	6 A (CWC)	7.30Y	121.6	0.01	3.39	1.92	1	14	3	98	0.00	0.0	7.003	0.109	0	0	0	3
PL.25378	PL.25148	B	6 A (CWC)	7.30Y	121.6	0.01	3.40	1.72	1	12	3	97	0.00	0.0	7.147	0.144	0	0	0	2
PL.25379	PL.25378	B	6 A (CWC)	7.30Y	121.6	0.01	3.41	1.72	1	12	3	97	0.00	0.0	7.241	0.094	3	1	1	2
PL.25376	PL.25379	B	#4 ACSR	7.29Y	121.6	0.01	3.42	1.30	1	9	2	98	0.00	0.0	7.429	0.188	0	0	0	1
PL.25377	PL.25376	B	#4 ACSR	7.29Y	121.6	0.00	3.42	1.30	1	9	2	98	0.00	0.0	7.545	0.116	9	2	1	1
PL.25185	PL.25148	B	#1/0 ACSR	7.30Y	121.6	0.00	3.39	0.20	0	1	0	100	0.00	0.0	7.053	0.051	1	0	1	1
PL.25629	PL.25226	B	6 A (CWC)	7.31Y	121.9	0.00	3.14	0.36	0	3	1	95	0.00	0.0	6.475	0.005	0	0	0	3
PD.3595	PL.25629	B	30T	7.31Y	121.9	0.00	3.14	0.36	0	3	1	95	0.00	0.0	6.475	0.005	0	0	0	3
PL.25630	PD.3595	B	6 A (CWC)	7.31Y	121.9	0.00	3.14	0.36	0	3	1	95	0.00	0.0	6.652	0.177	0	0	0	3
PL.25087	PL.25630	B	6 A (CWC)	7.31Y	121.9	0.00	3.14	0.36	0	3	1	95	0.00	0.0	6.788	0.136	0	0	0	3
PL.25086	PL.25087	B	#4 ACSR	7.31Y	121.9	0.00	3.14	0.01	0	0	0	100	0.00	0.0	6.863	0.075	0	0	1	1
PL.25088	PL.25087	B	#1/0 ACSR	7.31Y	121.9	0.00	3.14	0.04	0	0	0	100	0.00	0.0	6.879	0.091	0	0	0	1
PL.25089	PL.25088	B	#1/0 ACSR	7.31Y	121.9	0.00	3.14	0.04	0	0	0	100	0.00	0.0	6.907	0.028	0	0	0	1
PL.25090	PL.25089	B	#1/0 ACSR	7.31Y	121.9	0.00	3.14	0.04	0	0	0	100	0.00	0.0	7.001	0.094	0	0	1	1
PL.25085	PL.25087	B	6 A (CWC)	7.31Y	121.9	0.00	3.14	0.32	0	2	1	89	0.00	0.0	6.960	0.171	2	1	1	1
PL.25136	PL.25690	B	#4 ACSR	7.35Y	122.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	6.019	0.044	0	0	1	1
PL.25673	PL.25397	ABC	#4 ACSR	7.38Y	122.9	0.00	2.08	3.82	3	81	24	96	0.00	0.0	5.528	0.005	0	0	0	10
PD.3616	PL.25673	ABC	50T	7.38Y	122.9	0.00	2.08	3.82	0	81	24	96	0.00	0.0	5.528	0.005	0	0	0	10
PL.25674	PD.3616	ABC	#4 ACSR	7.37Y	122.9	0.01	2.09	3.82	3	81	24	96	0.00	0.0	5.568	0.041	7	2	3	10
PL.25395	PL.25674	ABC	#4 ACSR	7.37Y	122.9	0.01	2.10	3.50	3	74	23	95	0.00	0.0	5.634	0.065	20	5	3	7
PL.25282	PL.25395	ABC	#2 ACSR	7.37Y	122.9	0.00	2.10	2.58	1	54	18	95	0.00	0.0	5.667	0.034	0	0	0	4

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Balanced Voltage Drop Report
Source: Rice Station

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.25283	PL.25282	ABC	#2 ACSR	7.37Y	122.9	0.00	2.10	0.01	0	0	0	100	0.00	0.0	5.706	0.039	0	0	1	1
PL.25281	PL.25282	ABC	#4 ACSR	7.37Y	122.9	0.01	2.10	2.58	2	54	18	95	0.00	0.0	5.744	0.077	0	0	0	3
PL.25141	PL.25281	A	#2 ACSR	7.37Y	122.9	0.00	2.11	5.17	3	37	9	97	0.00	0.0	5.765	0.021	37	9	1	1
PL.25493	PL.25281	ABC	#4 ACSR	7.37Y	122.9	0.00	2.11	0.86	1	17	8	90	0.00	0.0	5.875	0.131	11	5	1	2
PL.25494	PL.25493	ABC	#4 ACSR	7.37Y	122.9	0.00	2.11	0.30	0	6	3	89	0.00	0.0	6.037	0.162	6	3	1	1
PL.25667	PL.25684	ABC	#1/0 ACSR	7.41Y	123.4	0.00	1.58	1.02	0	21	9	92	0.00	0.0	4.792	0.005	0	0	0	2
PD.3614	PL.25667	ABC	65T	7.41Y	123.4	0.00	1.58	1.02	0	21	9	92	0.00	0.0	4.792	0.005	0	0	0	2
PL.25668	PD.3614	ABC	#1/0 ACSR	7.40Y	123.4	0.00	1.58	1.02	0	21	9	92	0.00	0.0	4.812	0.020	21	9	2	2
PL.25135	PL.25220	ABC	#3/0 ACSR	7.41Y	123.5	0.00	1.51	1.13	0	24	6	97	0.00	0.0	4.757	0.068	2	0	1	10
PL.25078	PL.25135	C	6 A (CWC)	7.41Y	123.5	0.00	1.51	0.84	1	6	2	95	0.00	0.0	4.795	0.038	0	0	0	3
PL.25079	PL.25078	C	8 A (CWC)	7.41Y	123.5	0.00	1.51	0.84	1	6	2	95	0.00	0.0	4.824	0.029	6	2	3	3
PL.25075	PL.25135	C	#4 ACSR	7.41Y	123.5	0.00	1.51	2.04	2	15	4	97	0.00	0.0	4.803	0.047	15	4	4	4
PL.25076	PL.25135	ABC	#4 ACSR	7.41Y	123.5	0.00	1.51	0.08	0	2	0	100	0.00	0.0	4.769	0.012	2	0	2	2
PL.25567	PL.24724	A	#1/0 ACSR	7.41Y	123.5	0.00	1.48	1.77	1	13	3	97	0.00	0.0	4.655	0.005	0	0	0	2
PD.3557	PL.25567	A	65T	7.41Y	123.5	0.00	1.48	1.77	0	13	3	97	0.00	0.0	4.655	0.005	0	0	0	2
PL.25568	PD.3557	A	#1/0 ACSR	7.41Y	123.5	0.00	1.48	1.77	1	13	3	97	0.00	0.0	4.744	0.089	0	0	0	2
PL.25142	PL.25568	A	#4 ACSR	7.41Y	123.5	0.00	1.48	0.72	1	5	1	98	0.00	0.0	4.783	0.039	5	1	1	1
PL.25221	PL.25568	A	#1/0 ACSR	7.41Y	123.5	0.00	1.48	1.05	0	8	2	97	0.00	0.0	4.829	0.085	8	2	1	1
PL.25697	PL.24724	ABC	336 MCM AC	7.41Y	123.5	0.03	1.50	61.22	12	1318	341	97	0.20	0.0	4.715	0.065	0	0	0	452
PL.25698	PL.25697	ABC	336 MCM AC	7.41Y	123.5	0.01	1.51	61.22	12	1317	341	97	0.04	0.0	4.727	0.012	2	0	2	452
PL.25414	PL.25698	ABC	336 MCM AC	7.41Y	123.5	0.03	1.53	61.13	12	1315	340	97	0.18	0.0	4.785	0.058	3	1	3	450
PL.25415	PL.25414	ABC	336 MCM AC	7.41Y	123.4	0.02	1.55	60.97	12	1312	339	97	0.14	0.0	4.830	0.045	0	0	0	447
PL.25631	PL.25415	A	#1/0 ACSR	7.41Y	123.4	0.00	1.55	1.61	1	12	3	97	0.00	0.0	4.835	0.005	0	0	0	4
PD.3596	PL.25631	A	65T	7.41Y	123.4	0.00	1.55	1.61	0	12	3	97	0.00	0.0	4.835	0.005	0	0	0	4
PL.25632	PD.3596	A	#1/0 ACSR	7.41Y	123.4	0.00	1.56	1.61	1	12	3	97	0.00	0.0	4.860	0.025	12	3	4	4
PL.24727	PL.25415	C	#1/0 ACSR	7.41Y	123.4	0.00	1.55	0.76	0	5	1	98	0.00	0.0	4.835	0.005	0	0	0	5
PD.3562	PL.24727	C	65T	7.41Y	123.4	0.00	1.55	0.76	0	5	1	98	0.00	0.0	4.835	0.005	0	0	0	5
PL.24728	PD.3562	C	#1/0 ACSR	7.41Y	123.4	0.00	1.56	0.76	0	5	1	98	0.00	0.0	4.855	0.020	5	1	2	5
PL.25071	PL.24728	C	#4 ACSR	7.41Y	123.4	0.00	1.56	0.08	0	1	0	100	0.00	0.0	4.894	0.039	1	0	3	3
PL.25237	PL.25415	ABC	336 MCM AC	7.40Y	123.4	0.04	1.60	60.18	12	1295	334	97	0.31	0.0	4.930	0.100	0	0	0	438
PL.25422	PL.25237	ABC	#1/0 ACSR	7.40Y	123.4	0.00	1.60	6.96	3	150	38	97	0.00	0.0	4.940	0.010	13	3	7	48

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Balanced Voltage Drop Report
Source: Rice Station

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.25423	PL.25422	ABC	#1/0 ACSR	7.40Y	123.4	0.01	1.61	6.36	3	137	34	97	0.01	0.0	4.998	0.058	1	0	2	41
PL.25695	PL.25423	ABC	#1/0 ACSR	7.40Y	123.4	0.01	1.61	6.34	3	137	34	97	0.01	0.0	5.074	0.076	0	0	0	39
PD.3628	PL.25695	ABC	70L	7.40Y	123.4	0.00	1.61	6.34	9	137	34	97	0.00	0.0	5.074	0.076	0	0	0	39
PL.25696	PD.3628	ABC	#1/0 ACSR	7.40Y	123.4	0.01	1.62	6.34	3	137	34	97	0.01	0.0	5.158	0.085	0	0	0	39
PL.25238	PL.25696	ABC	#1/0 ACSR	7.40Y	123.4	0.01	1.63	2.86	1	62	15	97	0.00	0.0	5.285	0.127	0	0	0	23
PL.25239	PL.25238	ABC	#1/0 ACSR	7.40Y	123.4	0.00	1.63	2.70	1	58	15	97	0.00	0.0	5.357	0.071	9	2	3	22
PL.25240	PL.25239	ABC	#1/0 ACSR	7.40Y	123.4	0.00	1.64	1.59	1	34	9	97	0.00	0.0	5.429	0.072	0	0	0	15
PL.24701	PL.25240	ABC	#1/0 ACSR	7.40Y	123.4	0.00	1.64	0.86	0	19	5	97	0.00	0.0	5.461	0.031	8	2	2	9
PL.25094	PL.24701	ABC	#1/0 ACSR	7.40Y	123.4	0.00	1.64	0.51	0	11	3	96	0.00	0.0	5.488	0.027	1	0	1	7
PL.25322	PL.25094	ABC	#1/0 ACSR	7.40Y	123.4	0.00	1.64	0.46	0	10	2	98	0.00	0.0	5.529	0.041	3	1	2	6
PL.25323	PL.25322	ABC	#1/0 ACSR	7.40Y	123.4	0.00	1.64	0.30	0	7	2	96	0.00	0.0	5.601	0.072	0	0	0	4
PL.25241	PL.25323	ABC	#1/0 ACSR	7.40Y	123.4	0.00	1.64	0.17	0	4	1	97	0.00	0.0	5.675	0.074	2	1	2	3
PL.25242	PL.25241	ABC	#1/0 ACSR	7.40Y	123.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	5.732	0.058	0	0	0	0
PL.21775	PL.25242	ABC	#1/0 ACSR	7.40Y	123.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	5.737	0.005	0	0	0	0
PD.3202-B	PL.21775	ABC	Open	7.40Y	123.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	5.737	0.005	0	0	0	0
PL.25509	PL.25241	C	6 A (CWC)	7.40Y	123.4	0.00	1.64	0.19	0	1	0	100	0.00	0.0	5.679	0.005	0	0	0	1
PD.3462	PL.25509	C	30T	7.40Y	123.4	0.00	1.64	0.19	0	1	0	100	0.00	0.0	5.679	0.005	0	0	0	1
PL.25510	PD.3462	C	6 A (CWC)	7.40Y	123.4	0.00	1.64	0.19	0	1	0	100	0.00	0.0	5.731	0.052	1	0	1	1
PL.25511	PL.25323	C	#4 ACSR	7.40Y	123.4	0.00	1.64	0.41	0	3	1	95	0.00	0.0	5.606	0.005	0	0	0	1
PD.3463	PL.25511	C	30T	7.40Y	123.4	0.00	1.64	0.41	0	3	1	95	0.00	0.0	5.606	0.005	0	0	0	1
PL.25512	PD.3463	C	#4 ACSR	7.40Y	123.4	0.00	1.64	0.41	0	3	1	95	0.00	0.0	5.738	0.133	3	1	1	1
PL.25513	PL.25240	C	6 A (CWC)	7.40Y	123.4	0.00	1.64	2.19	2	16	4	97	0.00	0.0	5.434	0.005	0	0	0	6
PD.3464	PL.25513	C	30T	7.40Y	123.4	0.00	1.64	2.19	0	16	4	97	0.00	0.0	5.434	0.005	0	0	0	6
PL.25514	PD.3464	C	6 A (CWC)	7.40Y	123.4	0.01	1.64	2.19	2	16	4	97	0.00	0.0	5.502	0.068	3	1	3	6
PL.25324	PL.25514	C	6 A (CWC)	7.40Y	123.4	0.00	1.65	1.73	1	12	3	97	0.00	0.0	5.561	0.058	6	2	1	3
PL.25096	PL.25324	C	#4 ACSR	7.40Y	123.4	0.00	1.65	0.88	1	6	2	95	0.00	0.0	5.601	0.040	0	0	1	2
PL.25097	PL.25096	C	#1/0 ACSR	7.40Y	123.4	0.00	1.65	0.87	0	6	2	95	0.00	0.0	5.717	0.116	6	2	1	1
PL.25633	PL.25239	A	6 A (CWC)	7.40Y	123.4	0.00	1.63	1.61	1	12	3	97	0.00	0.0	5.361	0.005	0	0	0	3
PD.3597	PL.25633	A	30T	7.40Y	123.4	0.00	1.63	1.61	0	12	3	97	0.00	0.0	5.361	0.005	0	0	0	3
PL.25634	PD.3597	A	6 A (CWC)	7.40Y	123.4	0.00	1.64	1.61	1	12	3	97	0.00	0.0	5.452	0.090	12	3	3	3
PL.25515	PL.25239	C	#4 ACSR	7.40Y	123.4	0.00	1.63	0.41	0	3	1	95	0.00	0.0	5.361	0.005	0	0	0	1

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Balanced Voltage Drop Report
Source: Rice Station

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.3465	PL.25515	C	30T	7.40Y	123.4	0.00	1.63	0.41	0	3	1	95	0.00	0.0	5.361	0.005	0	0	0	1
PL.25516	PD.3465	C	#4 ACSR	7.40Y	123.4	0.00	1.64	0.41	0	3	1	95	0.00	0.0	5.439	0.078	0	0	0	1
PL.24717	PL.25516	C	#4 ACSR	7.40Y	123.4	0.00	1.64	0.41	0	3	1	95	0.00	0.0	5.511	0.072	0	0	0	1
PL.24718	PL.24717	C	#4 ACSR	7.40Y	123.4	0.00	1.64	0.41	0	3	1	95	0.00	0.0	5.586	0.075	3	1	1	1
PL.25563	PL.25238	C	#1/0 ACSR	7.40Y	123.4	0.00	1.63	0.50	0	4	1	97	0.00	0.0	5.290	0.005	0	0	0	1
PD.3555	PL.25563	C	30T	7.40Y	123.4	0.00	1.63	0.50	0	4	1	97	0.00	0.0	5.290	0.005	0	0	0	1
PL.25564	PD.3555	C	#1/0 ACSR	7.40Y	123.4	0.00	1.63	0.50	0	4	1	97	0.00	0.0	5.340	0.050	4	1	1	1
PL.25091	PL.25696	C	#4 ACSR	7.40Y	123.4	0.00	1.62	0.51	0	4	1	97	0.00	0.0	5.163	0.005	0	0	0	1
PD.3559	PL.25091	C	30T	7.40Y	123.4	0.00	1.62	0.51	0	4	1	97	0.00	0.0	5.163	0.005	0	0	0	1
PL.25203	PD.3559	C	#4 ACSR	7.40Y	123.4	0.00	1.62	0.51	0	4	1	97	0.00	0.0	5.192	0.029	4	1	1	1
PL.25095	PD.3559	C	#4 ACSR	7.40Y	123.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	5.216	0.053	0	0	0	0
PL.25635	PL.25696	A	#4 ACSR	7.40Y	123.4	0.00	1.63	9.91	8	71	18	97	0.00	0.0	5.163	0.005	0	0	0	15
PD.3598	PL.25635	A	30T	7.40Y	123.4	0.00	1.63	9.91	0	71	18	97	0.00	0.0	5.163	0.005	0	0	0	15
PL.25636	PD.3598	A	#4 ACSR	7.40Y	123.3	0.03	1.66	9.91	8	71	18	97	0.02	0.0	5.243	0.080	14	4	2	15
PL.25412	PL.25636	A	#4 ACSR	7.40Y	123.3	0.02	1.68	7.90	6	57	14	97	0.01	0.0	5.297	0.054	5	1	1	13
PL.25413	PL.25412	A	#4 ACSR	7.40Y	123.3	0.02	1.69	7.19	6	52	13	97	0.01	0.0	5.350	0.052	7	2	1	12
PL.25410	PL.25413	A	#4 ACSR	7.40Y	123.3	0.01	1.70	5.36	4	38	10	97	0.00	0.0	5.394	0.044	15	4	3	9
PL.25411	PL.25410	A	#4 ACSR	7.40Y	123.3	0.00	1.70	3.29	3	24	6	97	0.00	0.0	5.420	0.026	24	6	6	6
PL.25093	PL.25413	A	#4 ACSR	7.40Y	123.3	0.00	1.69	0.00	0	0	0	100	0.00	0.0	5.391	0.041	0	0	0	0
PL.25288	PL.25413	A	#4 ACSR	7.40Y	123.3	0.00	1.69	0.86	1	6	2	95	0.00	0.0	5.389	0.039	0	0	0	2
PL.25289	PL.25288	A	#4 ACSR	7.40Y	123.3	0.00	1.69	0.21	0	1	0	100	0.00	0.0	5.473	0.084	1	0	1	1
PL.25092	PL.25288	A	#2 ACSR	7.40Y	123.3	0.00	1.69	0.65	0	5	1	98	0.00	0.0	5.404	0.015	5	1	1	1
PL.25419	PL.25237	ABC	#1/0 ACSR	7.40Y	123.4	0.03	1.63	53.23	23	1145	296	97	0.22	0.0	4.960	0.030	0	0	1	390
PL.25424	PL.25419	ABC	#1/0 ACSR	7.40Y	123.3	0.06	1.68	53.22	23	1144	296	97	0.45	0.0	5.020	0.060	6	2	1	389
PL.25691	PL.25424	ABC	#1/0 ACSR	7.40Y	123.3	0.02	1.70	52.93	23	1138	294	97	0.16	0.0	5.041	0.021	0	0	0	388
PD.3626	PL.25691	ABC	100L	7.40Y	123.3	0.00	1.70	52.93	53	1137	294	97	0.00	0.0	5.041	0.021	0	0	0	388
PL.25692	PD.3626	ABC	#1/0 ACSR	7.40Y	123.3	0.02	1.73	52.93	23	1137	294	97	0.17	0.0	5.064	0.023	24	6	8	388
PL.25430	PL.25692	ABC	#1/0 ACSR	7.39Y	123.2	0.08	1.80	51.82	23	1113	287	97	0.59	0.1	5.146	0.082	1	0	1	380
PL.25102	PL.25430	ABC	#1/0 ACSR	7.38Y	123.1	0.14	1.94	51.16	22	1099	283	97	1.05	0.1	5.297	0.151	0	0	0	377
PL.25244	PL.25102	ABC	#1/0 ACSR	7.38Y	122.9	0.14	2.08	50.14	22	1076	277	97	1.04	0.1	5.453	0.155	0	0	0	373
PL.25617	PL.25244	A	#1/0 ACSR	7.38Y	122.9	0.00	2.08	1.30	1	9	2	98	0.00	0.0	5.457	0.005	0	0	0	1

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.3589	PL.25617	A	40T	7.38Y	122.9	0.00	2.08	1.30	0	9	2	98	0.00	0.0	5.457	0.005	0	0	0	1
PL.25618	PD.3589	A	#1/0 ACSR	7.38Y	122.9	0.00	2.08	1.30	1	9	2	98	0.00	0.0	5.505	0.048	9	2	1	1
PL.25245	PL.25244	ABC	#1/0 ACSR	7.37Y	122.8	0.09	2.17	49.70	22	1065	273	97	0.70	0.1	5.559	0.106	0	0	0	372
PL.25327	PL.25245	ABC	#1/0 ACSR	7.36Y	122.7	0.08	2.25	49.70	22	1064	273	97	0.59	0.1	5.648	0.089	5	1	1	372
PL.25328	PL.25327	ABC	#1/0 ACSR	7.36Y	122.7	0.03	2.29	49.45	22	1059	271	97	0.26	0.0	5.687	0.039	0	0	0	371
PL.25533	PL.25328	A	6 A (CWC)	7.36Y	122.7	0.00	2.29	11.17	8	80	20	97	0.00	0.0	5.692	0.005	0	0	0	21
PD.3474	PL.25533	A	40T	7.36Y	122.7	0.00	2.29	11.17	0	80	20	97	0.00	0.0	5.692	0.005	0	0	0	21
PL.25534	PD.3474	A	6 A (CWC)	7.36Y	122.7	0.01	2.29	11.17	8	80	20	97	0.00	0.0	5.704	0.012	24	6	3	21
PL.25343	PL.25534	A	6 A (CWC)	7.36Y	122.7	0.01	2.30	7.84	6	56	14	97	0.00	0.0	5.735	0.031	5	1	2	18
PL.25104	PL.25343	A	#4 ACSR	7.36Y	122.7	0.01	2.31	6.26	5	45	11	97	0.00	0.0	5.769	0.035	10	2	1	14
PL.25152	PL.25104	A	6 A (CWC)	7.36Y	122.7	0.00	2.32	4.87	3	35	9	97	0.00	0.0	5.800	0.030	35	9	13	13
PL.25106	PL.25343	A	6 A (CWC)	7.36Y	122.7	0.00	2.30	0.88	1	6	2	95	0.00	0.0	5.743	0.008	0	0	0	2
PL.25105	PL.25106	A	6 A (CWC)	7.36Y	122.7	0.00	2.31	0.88	1	6	2	95	0.00	0.0	5.774	0.031	6	2	2	2
PL.25103	PL.25328	ABC	#3/0 ACSR	7.36Y	122.7	0.01	2.30	45.73	15	979	251	97	0.06	0.0	5.704	0.017	0	0	0	350
PL.25527	PL.25103	A	6 A (CWC)	7.36Y	122.7	0.00	2.30	2.74	2	20	5	97	0.00	0.0	5.709	0.005	0	0	0	3
PD.3471	PL.25527	A	40T	7.36Y	122.7	0.00	2.30	2.74	0	20	5	97	0.00	0.0	5.709	0.005	0	0	0	3
PL.25528	PD.3471	A	6 A (CWC)	7.36Y	122.7	0.00	2.30	2.74	2	20	5	97	0.00	0.0	5.732	0.023	5	1	1	3
PL.25340	PL.25528	A	6 A (CWC)	7.36Y	122.7	0.00	2.30	2.10	1	15	4	97	0.00	0.0	5.812	0.081	15	4	2	2
PL.25246	PL.25103	ABC	#3/0 ACSR	7.36Y	122.7	0.02	2.32	44.82	15	959	246	97	0.14	0.0	5.748	0.043	13	3	9	347
PL.25247	PL.25246	ABC	#3/0 ACSR	7.36Y	122.7	0.01	2.33	43.51	15	931	238	97	0.06	0.0	5.767	0.019	0	0	0	333
PL.25529	PL.25247	C	#4 ACSR	7.36Y	122.7	0.00	2.33	1.08	1	8	2	97	0.00	0.0	5.771	0.004	0	0	0	2
PD.3472	PL.25529	C	40T	7.36Y	122.7	0.00	2.33	1.08	0	8	2	97	0.00	0.0	5.771	0.004	0	0	0	2
PL.25530	PD.3472	C	#4 ACSR	7.36Y	122.7	0.01	2.34	1.08	1	8	2	97	0.00	0.0	5.918	0.147	0	0	0	2
PL.25153	PL.25530	C	#4 ACSR	7.36Y	122.7	0.00	2.34	1.08	1	8	2	97	0.00	0.0	5.934	0.016	8	2	2	2
PL.25341	PL.25247	ABC	#3/0 ACSR	7.36Y	122.7	0.02	2.35	43.15	14	923	236	97	0.09	0.0	5.797	0.030	14	3	3	331
PL.25342	PL.25341	ABC	#3/0 ACSR	7.36Y	122.6	0.02	2.37	42.51	14	909	233	97	0.12	0.0	5.835	0.038	0	0	0	328
PL.25248	PL.25342	ABC	#3/0 ACSR	7.36Y	122.6	0.04	2.41	39.47	13	844	216	97	0.21	0.0	5.916	0.080	0	0	0	316
PL.24719	PL.25248	ABC	#3/0 ACSR	7.35Y	122.5	0.08	2.49	39.47	13	844	216	97	0.43	0.1	6.079	0.163	0	0	0	316
PL.25249	PL.24719	ABC	#3/0 ACSR	7.35Y	122.5	0.02	2.50	38.55	13	824	210	97	0.08	0.0	6.111	0.033	8	2	8	300
PL.25637	PL.25249	C	6 A (CWC)	7.35Y	122.5	0.00	2.50	10.07	7	72	18	97	0.00	0.0	6.116	0.005	0	0	0	26
PD.3599	PL.25637	C	40T	7.35Y	122.5	0.00	2.50	10.07	0	72	18	97	0.00	0.0	6.116	0.005	0	0	0	26

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: Rice Station

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.25638	PD.3599	C	6 A (CWC)	7.35Y	122.5	0.03	2.54	10.07	7	72	18	97	0.02	0.0	6.189	0.073	3	1	1	26
PL.25162	PL.25638	C	6 A (CWC)	7.35Y	122.5	0.01	2.55	8.02	6	57	14	97	0.00	0.0	6.231	0.042	31	8	15	21
PL.25165	PL.25162	C	#4 ACSR	7.35Y	122.5	0.00	2.55	2.63	2	19	5	97	0.00	0.0	6.250	0.019	19	5	2	2
PL.25164	PL.25162	C	6 A (CWC)	7.35Y	122.5	0.00	2.55	1.03	1	7	2	96	0.00	0.0	6.278	0.048	7	2	4	4
PL.25163	PL.25638	C	#4 ACSR	7.35Y	122.5	0.00	2.54	1.66	1	12	3	97	0.00	0.0	6.202	0.014	12	3	4	4
PL.25250	PL.25249	ABC	#3/0 ACSR	7.35Y	122.5	0.01	2.51	34.81	12	744	190	97	0.04	0.0	6.130	0.019	0	0	0	266
PL.25157	PL.25250	ABC	#3/0 ACSR	7.35Y	122.5	0.03	2.54	34.42	11	735	188	97	0.13	0.0	6.196	0.066	8	2	12	261
PL.25158	PL.25157	ABC	#3/0 ACSR	7.35Y	122.5	0.00	2.54	34.07	11	728	186	97	0.00	0.0	6.198	0.002	9	2	9	249
PL.25334	PL.25158	ABC	#1/0 ACSR	7.35Y	122.4	0.02	2.56	29.72	13	635	163	97	0.08	0.0	6.233	0.034	10	3	1	141
PL.25335	PL.25334	ABC	#1/0 ACSR	7.35Y	122.4	0.02	2.57	29.23	13	624	160	97	0.08	0.0	6.266	0.034	0	0	0	140
PL.25521	PL.25335	C	6 A (CWC)	7.35Y	122.4	0.00	2.57	2.07	1	15	4	97	0.00	0.0	6.271	0.005	0	0	0	3
PD.3468	PL.25521	C	40T	7.35Y	122.4	0.00	2.57	2.07	0	15	4	97	0.00	0.0	6.271	0.005	0	0	0	3
PL.25522	PD.3468	C	6 A (CWC)	7.35Y	122.4	0.00	2.58	2.07	1	15	4	97	0.00	0.0	6.289	0.019	0	0	0	3
PL.25519	PL.25522	C	1/0 AL URD	7.35Y	122.4	0.00	2.58	0.44	0	3	1	95	0.00	0.0	6.294	0.005	0	0	0	1
PD.3467	PL.25519	C	40T	7.35Y	122.4	0.00	2.58	0.45	0	3	1	95	0.00	0.0	6.294	0.005	0	0	0	1
PL.25520	PD.3467	C	1/0 AL URD	7.35Y	122.4	0.00	2.58	0.45	0	3	1	95	0.00	0.0	6.308	0.014	3	1	1	1
PL.24699	PL.25522	C	6 A (CWC)	7.35Y	122.4	0.00	2.58	1.63	1	12	3	97	0.00	0.0	6.331	0.041	6	2	1	2
PL.25168	PL.24699	C	#4 ACSR	7.35Y	122.4	0.00	2.58	0.75	1	5	1	98	0.00	0.0	6.474	0.143	5	1	1	1
PL.25347	PL.25335	ABC	#1/0 ACSR	7.34Y	122.4	0.02	2.59	28.54	12	609	156	97	0.08	0.0	6.304	0.038	0	0	0	137
PL.25348	PL.25347	ABC	#1/0 ACSR	7.34Y	122.4	0.05	2.64	28.54	12	609	156	97	0.20	0.0	6.399	0.094	0	0	0	137
PL.25539	PL.25348	C	#4 ACSR	7.34Y	122.4	0.00	2.64	1.10	1	8	2	97	0.00	0.0	6.403	0.004	0	0	0	1
PD.3544	PL.25539	C	40T	7.34Y	122.4	0.00	2.64	1.10	0	8	2	97	0.00	0.0	6.403	0.004	0	0	0	1
PL.25540	PD.3544	C	#4 ACSR	7.34Y	122.4	0.00	2.64	1.10	1	8	2	97	0.00	0.0	6.457	0.054	8	2	1	1
PL.25251	PL.25348	ABC	#1/0 ACSR	7.34Y	122.4	0.01	2.65	28.17	12	601	154	97	0.03	0.0	6.411	0.012	0	0	1	136
PL.25166	PL.25251	ABC	#1/0 ACSR	7.34Y	122.3	0.05	2.70	28.15	12	601	154	97	0.20	0.0	6.507	0.096	0	0	0	135
PL.25161	PL.25166	ABC	#1/0 ACSR	7.34Y	122.3	0.04	2.73	28.15	12	600	154	97	0.16	0.0	6.583	0.076	0	0	0	135
PL.25294	PL.25161	ABC	#1/0 ACSR	7.34Y	122.3	0.00	2.74	16.06	7	342	89	97	0.01	0.0	6.590	0.007	0	0	0	84
PL.25537	PL.25294	C	#4 ACSR	7.34Y	122.3	0.00	2.74	8.94	7	64	16	97	0.00	0.0	6.595	0.005	0	0	0	23
PD.3543	PL.25537	C	40T	7.34Y	122.3	0.00	2.74	8.94	0	64	16	97	0.00	0.0	6.595	0.005	0	0	0	23
PL.25538	PD.3543	C	#4 ACSR	7.34Y	122.3	0.00	2.74	8.94	7	64	16	97	0.00	0.0	6.602	0.006	0	0	0	23
PL.25170	PL.25538	C	#1/0 ACSR	7.34Y	122.3	0.00	2.74	0.97	0	7	2	96	0.00	0.0	6.677	0.076	7	2	1	1

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Balanced Voltage Drop Report
Source: Rice Station

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.25355	PL.25538	C	#2 ACSR	7.34Y	122.3	0.00	2.74	7.97	5	57	14	97	0.00	0.0	6.618	0.016	2	0	2	22
PL.25356	PL.25355	C	#2 ACSR	7.34Y	122.3	0.00	2.75	7.72	4	55	14	97	0.00	0.0	6.638	0.020	11	3	5	20
PL.25352	PL.25356	C	#2 ACSR	7.33Y	122.2	0.00	2.75	6.15	4	44	11	97	0.00	0.0	6.655	0.018	4	1	1	15
PL.25353	PL.25352	C	#2 ACSR	7.33Y	122.2	0.00	2.75	5.54	3	39	10	97	0.00	0.0	6.671	0.016	14	4	5	14
PL.25354	PL.25353	C	#2 ACSR	7.33Y	122.2	0.00	2.76	3.57	2	25	6	97	0.00	0.0	6.688	0.016	2	1	1	9
PL.25357	PL.25354	C	#2 ACSR	7.33Y	122.2	0.00	2.76	3.26	2	23	6	97	0.00	0.0	6.704	0.016	4	1	3	8
PL.25358	PL.25357	C	#2 ACSR	7.33Y	122.2	0.00	2.76	2.68	2	19	5	97	0.00	0.0	6.720	0.017	3	1	1	5
PL.25351	PL.25358	C	#2 ACSR	7.33Y	122.2	0.00	2.76	2.22	1	16	4	97	0.00	0.0	6.739	0.019	0	0	0	4
PL.25350	PL.25351	C	#2 ACSR	7.33Y	122.2	0.00	2.76	2.22	1	16	4	97	0.00	0.0	6.756	0.017	4	1	2	4
PL.25349	PL.25350	C	#2 ACSR	7.33Y	122.2	0.00	2.76	1.70	1	12	3	97	0.00	0.0	6.785	0.029	12	3	2	2
PL.25295	PL.25294	ABC	#1/0 ACSR	7.34Y	122.3	0.01	2.74	13.08	6	279	73	97	0.02	0.0	6.626	0.035	0	0	0	61
PL.25693	PL.25295	ABC	#1/0 ACSR	7.34Y	122.3	0.00	2.74	13.08	6	279	73	97	0.00	0.0	6.628	0.003	0	0	0	61
PD.3627	PL.25693	ABC	70L	7.34Y	122.3	0.00	2.74	13.08	19	279	73	97	0.00	0.0	6.628	0.003	0	0	0	61
PL.25694	PD.3627	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.76	13.08	6	279	73	97	0.02	0.0	6.681	0.053	10	3	1	61
PL.25359	PL.25694	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.77	12.62	5	269	70	97	0.02	0.0	6.734	0.053	0	0	0	60
PL.25547	PL.25359	A	#1/0 ACSR	7.33Y	122.2	0.00	2.77	0.62	0	4	1	97	0.00	0.0	6.739	0.005	0	0	0	1
PD.3548	PL.25547	A	30T	7.33Y	122.2	0.00	2.77	0.62	0	4	1	97	0.00	0.0	6.739	0.005	0	0	0	1
PL.25548	PD.3548	A	#1/0 ACSR	7.33Y	122.2	0.00	2.77	0.62	0	4	1	97	0.00	0.0	6.766	0.027	4	1	1	1
PL.25293	PL.25359	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.78	12.41	5	264	69	97	0.02	0.0	6.782	0.047	0	0	0	59
PL.25326	PL.25293	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.79	11.86	5	252	66	97	0.01	0.0	6.821	0.039	3	1	2	55
PL.25495	PL.25326	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.80	11.73	5	250	65	97	0.02	0.0	6.870	0.049	7	3	1	53
PL.25496	PL.25495	ABC	#1/0 ACSR	7.33Y	122.2	0.02	2.81	11.40	5	243	62	97	0.03	0.0	6.948	0.079	5	1	1	52
PL.25325	PL.25496	ABC	#1/0 ACSR	7.33Y	122.2	0.02	2.83	11.17	5	238	61	97	0.03	0.0	7.050	0.102	0	0	0	51
PL.25517	PL.25325	C	#1/0 ACSR	7.33Y	122.2	0.00	2.83	0.96	0	7	2	96	0.00	0.0	7.055	0.005	0	0	0	1
PD.3466	PL.25517	C	30T	7.33Y	122.2	0.00	2.83	0.96	0	7	2	96	0.00	0.0	7.055	0.005	0	0	0	1
PL.25518	PD.3466	C	#1/0 ACSR	7.33Y	122.2	0.00	2.83	0.96	0	7	2	96	0.00	0.0	7.103	0.048	7	2	1	1
PL.25255	PL.25325	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.84	10.85	5	231	59	97	0.01	0.0	7.081	0.031	9	2	2	50
PL.25172	PL.25255	AB	#1/0 ACSR	7.33Y	122.1	0.02	2.86	15.65	7	222	57	97	0.03	0.0	7.142	0.061	0	0	0	48
PL.25643	PL.25172	AB	#1/0 ACSR	7.33Y	122.1	0.00	2.86	14.78	6	210	54	97	0.00	0.0	7.146	0.005	0	0	0	45
PL.25644	PL.25643	AB	#1/0 ACSR	7.33Y	122.1	0.04	2.90	14.78	6	210	54	97	0.06	0.0	7.282	0.136	0	0	0	45
PL.24720	PL.25644	AB	#1/0 ACSR	7.32Y	122.1	0.03	2.93	14.78	6	210	54	97	0.04	0.0	7.366	0.083	0	0	0	45

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Balanced Voltage Drop Report
Source: Rice Station

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.25278	PL.24720	AB	#1/0 ACSR	7.32Y	122.0	0.04	2.97	14.78	6	210	54	97	0.06	0.0	7.498	0.132	0	0	0	45
PL.24721	PL.25278	AB	#1/0 ACSR	7.32Y	122.0	0.04	3.00	14.78	6	210	54	97	0.05	0.0	7.618	0.120	0	0	0	45
PL.25647	PL.24721	A	6 A (CWC)	7.32Y	122.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	7.623	0.005	0	0	0	0
PD.3603	PL.25647	A	10T	7.32Y	122.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	7.623	0.005	0	0	0	0
PL.25648	PD.3603	A	6 A (CWC)	7.32Y	122.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	7.716	0.093	0	0	0	0
PL.25261	PL.25648	A	6 A (CWC)	7.32Y	122.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	7.829	0.113	0	0	0	0
PL.25256	PL.24721	AB	#1/0 ACSR	7.32Y	122.0	0.04	3.05	14.78	6	210	54	97	0.06	0.0	7.767	0.149	0	0	0	45
PL.25257	PL.25256	AB	#1/0 ACSR	7.31Y	121.9	0.04	3.09	14.76	6	209	53	97	0.06	0.0	7.896	0.130	0	0	0	43
PL.25264	PL.25257	AB	#1/0 ACSR	7.31Y	121.9	0.04	3.13	14.76	6	209	53	97	0.06	0.0	8.029	0.132	1	0	1	43
PL.25687	PL.25264	A	#1/0 ACSR	7.31Y	121.9	0.01	3.14	5.53	2	39	10	97	0.00	0.0	8.096	0.067	0	0	0	14
PD.3624	PL.25687	A	35L	7.31Y	121.9	0.00	3.14	5.53	16	39	10	97	0.00	0.0	8.096	0.067	0	0	0	14
PL.25688	PD.3624	A	#1/0 ACSR	7.31Y	121.8	0.02	3.15	5.53	2	39	10	97	0.00	0.0	8.217	0.121	0	0	0	14
PL.25265	PL.25688	A	#1/0 ACSR	7.31Y	121.8	0.02	3.17	5.53	2	39	10	97	0.00	0.0	8.355	0.138	0	0	0	14
PL.25266	PL.25265	A	#1/0 ACSR	7.31Y	121.8	0.02	3.19	5.53	2	39	10	97	0.00	0.0	8.505	0.149	0	0	0	14
PL.25267	PL.25266	A	#1/0 ACSR	7.31Y	121.8	0.01	3.20	5.53	2	39	10	97	0.00	0.0	8.581	0.076	0	0	0	14
PL.25276	PL.25267	A	#1/0 ACSR	7.31Y	121.8	0.02	3.21	5.53	2	39	10	97	0.00	0.0	8.702	0.122	0	0	0	14
PL.25174	PL.25276	A	6 A (CWC)	7.31Y	121.8	0.00	3.21	0.24	0	2	0	100	0.00	0.0	8.744	0.042	0	0	0	1
PL.25173	PL.25174	A	#4 ACSR	7.31Y	121.8	0.00	3.21	0.24	0	2	0	100	0.00	0.0	8.786	0.042	2	0	1	1
PL.25177	PL.25276	A	#4 ACSR	7.31Y	121.8	0.03	3.24	5.29	4	37	9	97	0.01	0.0	8.822	0.119	0	0	0	13
PL.25277	PL.25177	A	#4 ACSR	7.30Y	121.7	0.02	3.26	5.29	4	37	9	97	0.01	0.0	8.902	0.081	0	0	0	13
PL.25268	PL.25277	A	#4 ACSR	7.30Y	121.7	0.02	3.28	5.29	4	37	9	97	0.01	0.0	8.980	0.078	0	0	0	13
PL.25180	PL.25268	A	#4 ACSR	7.30Y	121.7	0.00	3.28	0.08	0	1	0	100	0.00	0.0	9.014	0.034	1	0	1	1
PL.25181	PL.25268	A	#4 ACSR	7.30Y	121.7	0.01	3.29	1.50	1	11	3	96	0.00	0.0	9.109	0.128	0	0	0	3
PL.25315	PL.25181	A	#4 ACSR	7.30Y	121.7	0.01	3.29	1.50	1	11	3	96	0.00	0.0	9.201	0.093	4	1	1	3
PL.25316	PL.25315	A	#4 ACSR	7.30Y	121.7	0.00	3.29	1.00	1	7	2	96	0.00	0.0	9.261	0.060	0	0	0	2
PL.25183	PL.25316	A	#4 ACSR	7.30Y	121.7	0.00	3.29	0.02	0	0	0	100	0.00	0.0	9.313	0.052	0	0	1	1
PL.25651	PL.25316	A	#1/0 ACSR	7.30Y	121.7	0.00	3.29	0.98	0	7	2	96	0.00	0.0	9.266	0.005	0	0	0	1
PD.3606	PL.25651	A	15T	7.30Y	121.7	0.00	3.29	0.98	0	7	2	96	0.00	0.0	9.266	0.005	0	0	0	1
PL.25652	PD.3606	A	#1/0 ACSR	7.30Y	121.7	0.00	3.29	0.98	0	7	2	96	0.00	0.0	9.314	0.048	7	2	1	1
PL.25182	PL.25181	A	#1/0 ACSR	7.30Y	121.7	0.00	3.29	0.00	0	0	0	100	0.00	0.0	9.150	0.041	0	0	0	0
PL.25312	PL.25268	A	#4 ACSR	7.30Y	121.7	0.00	3.28	3.71	3	26	7	97	0.00	0.0	8.999	0.019	0	0	0	9

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Balanced Voltage Drop Report
Source: Rice Station

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.25313	PL.25312	A	#4 ACSR	7.30Y	121.7	0.01	3.29	3.71	3	26	7	97	0.00	0.0	9.054	0.055	3	1	1	9
PL.25314	PL.25313	A	#4 ACSR	7.30Y	121.7	0.01	3.30	3.32	3	24	6	97	0.00	0.0	9.119	0.065	5	1	1	8
PL.25179	PL.25314	A	#4 ACSR	7.30Y	121.7	0.01	3.30	2.56	2	18	5	96	0.00	0.0	9.187	0.068	2	1	1	7
PL.25178	PL.25179	A	#4 ACSR	7.30Y	121.7	0.00	3.31	0.45	0	3	1	95	0.00	0.0	9.273	0.087	0	0	0	1
PL.25269	PL.25178	A	#4 ACSR	7.30Y	121.7	0.00	3.31	0.45	0	3	1	95	0.00	0.0	9.380	0.107	3	1	1	1
PL.25176	PL.25179	A	#4 ACSR	7.30Y	121.7	0.01	3.31	1.81	1	13	3	97	0.00	0.0	9.255	0.069	0	0	1	5
PL.25175	PL.25176	A	#2 ACSR	7.30Y	121.7	0.00	3.31	0.67	0	5	1	98	0.00	0.0	9.293	0.038	5	1	1	1
PL.25310	PL.25176	A	#4 ACSR	7.30Y	121.7	0.00	3.31	1.10	1	8	2	97	0.00	0.0	9.311	0.056	2	0	1	3
PL.25311	PL.25310	A	#4 ACSR	7.30Y	121.7	0.00	3.31	0.88	1	6	2	95	0.00	0.0	9.337	0.027	6	2	2	2
PL.25186	PL.25264	B	#1/0 ACSR	7.31Y	121.8	0.06	3.18	23.87	10	169	43	97	0.07	0.0	8.134	0.106	0	0	0	28
PL.25319	PL.25186	B	6 A (CWC)	7.31Y	121.8	0.03	3.21	3.92	3	28	7	97	0.01	0.0	8.304	0.169	0	0	1	12
PL.25320	PL.25319	B	6 A (CWC)	7.31Y	121.8	0.02	3.23	3.92	3	28	7	97	0.00	0.0	8.417	0.113	6	1	2	11
PL.25503	PL.25320	B	6 A (CWC)	7.31Y	121.8	0.00	3.23	3.13	2	22	6	96	0.00	0.0	8.422	0.005	0	0	0	9
PD.3459	PL.25503	B	30T	7.31Y	121.8	0.00	3.23	3.13	0	22	6	96	0.00	0.0	8.422	0.005	0	0	0	9
PL.25504	PD.3459	B	6 A (CWC)	7.30Y	121.7	0.02	3.26	3.13	2	22	6	96	0.00	0.0	8.592	0.170	0	0	1	9
PL.25258	PL.25504	B	6 A (CWC)	7.30Y	121.7	0.02	3.28	2.94	2	21	5	97	0.00	0.0	8.740	0.148	0	0	0	7
PL.25189	PL.25258	B	6 A (CWC)	7.30Y	121.7	0.02	3.30	2.94	2	21	5	97	0.00	0.0	8.873	0.133	0	0	0	7
PL.25259	PL.25189	B	6 A (CWC)	7.30Y	121.7	0.01	3.30	2.36	2	17	4	97	0.00	0.0	8.946	0.074	0	0	0	6
PL.25296	PL.25259	B	#2 ACSR	7.30Y	121.7	0.00	3.30	1.24	1	9	2	98	0.00	0.0	8.985	0.039	6	1	1	4
PL.25297	PL.25296	B	#2 ACSR	7.30Y	121.7	0.00	3.30	0.39	0	3	1	95	0.00	0.0	9.017	0.032	3	1	2	2
PL.25190	PL.25296	B	#1/0 ACSR	7.30Y	121.7	0.00	3.30	0.02	0	0	0	100	0.00	0.0	9.016	0.031	0	0	1	1
PL.25260	PL.25259	B	6 A (CWC)	7.30Y	121.7	0.00	3.30	1.12	1	8	2	97	0.00	0.0	8.982	0.036	8	2	2	2
PL.25188	PL.25189	B	6 A (CWC)	7.30Y	121.7	0.00	3.30	0.58	0	4	1	97	0.00	0.0	8.950	0.078	4	1	1	1
PL.25187	PL.25504	B	6 A (CWC)	7.30Y	121.7	0.00	3.26	0.19	0	1	0	100	0.00	0.0	8.665	0.073	1	0	1	1
PL.65834	PL.25186	B	#1/0 ACSR	7.31Y	121.8	0.03	3.22	19.48	8	138	35	97	0.03	0.0	8.212	0.078	0	0	0	15
PL.65835	PL.65834	B	#1/0 ACSR	7.31Y	121.8	0.00	3.22	19.48	8	138	35	97	0.00	0.0	8.215	0.003	0	0	0	15
PD.3623	PL.65835	B	35L	7.31Y	121.8	0.00	3.22	19.48	56	138	35	97	0.00	0.0	8.215	0.003	0	0	0	15
PL.25686	PD.3623	B	#1/0 ACSR	7.30Y	121.7	0.06	3.28	19.48	8	138	35	97	0.05	0.0	8.347	0.132	0	0	0	15
PL.25270	PL.25686	B	#1/0 ACSR	7.30Y	121.7	0.06	3.34	19.48	8	138	35	97	0.06	0.0	8.491	0.143	0	0	0	15
PL.25317	PL.25270	B	#1/0 ACSR	7.30Y	121.6	0.05	3.40	19.48	8	138	35	97	0.05	0.0	8.614	0.123	2	1	1	15
PL.25318	PL.25317	B	#1/0 ACSR	7.29Y	121.6	0.04	3.44	19.16	8	135	35	97	0.03	0.0	8.701	0.087	0	0	1	14

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Balanced Voltage Drop Report
Source: Rice Station

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.25309	PL.25318	B	#1/0 ACSR	7.29Y	121.5	0.02	3.46	19.13	8	135	34	97	0.02	0.0	8.751	0.050	0	0	0	13
PL.25649	PL.25309	B	#4 ACSR	7.29Y	121.5	0.00	3.46	0.35	0	2	1	89	0.00	0.0	8.755	0.005	0	0	0	1
PD.3605	PL.25649	B	15T	7.29Y	121.5	0.00	3.46	0.35	0	2	1	89	0.00	0.0	8.755	0.005	0	0	0	1
PL.25650	PD.3605	B	#4 ACSR	7.29Y	121.5	0.00	3.46	0.35	0	2	1	89	0.00	0.0	8.940	0.185	2	1	1	1
PL.24697	PL.25309	B	#1/0 ACSR	7.29Y	121.5	0.05	3.51	18.79	8	133	34	97	0.04	0.0	8.867	0.116	0	0	0	12
PL.25271	PL.24697	B	#1/0 ACSR	7.29Y	121.5	0.04	3.55	18.79	8	133	34	97	0.04	0.0	8.963	0.096	0	0	0	12
PL.25273	PL.25271	B	#1/0 ACSR	7.28Y	121.4	0.05	3.60	18.79	8	133	34	97	0.04	0.0	9.078	0.115	0	0	0	12
PL.25272	PL.25273	B	#1/0 ACSR	7.28Y	121.3	0.06	3.66	18.79	8	133	34	97	0.05	0.0	9.221	0.143	0	0	0	12
PL.25202	PL.25272	B	#1/0 ACSR	7.28Y	121.3	0.03	3.69	18.79	8	133	34	97	0.02	0.0	9.286	0.064	0	0	0	12
PL.25307	PL.25202	B	#1/0 ACSR	7.28Y	121.3	0.02	3.70	18.79	8	133	34	97	0.02	0.0	9.327	0.041	0	0	0	12
PL.25308	PL.25307	B	#1/0 ACSR	7.27Y	121.2	0.06	3.77	18.79	8	133	34	97	0.06	0.0	9.477	0.151	0	0	0	12
PL.25301	PL.25308	B	#1/0 ACSR	7.27Y	121.2	0.08	3.85	18.79	8	132	33	97	0.07	0.1	9.660	0.183	4	1	1	12
PL.25302	PL.25301	B	#1/0 ACSR	7.27Y	121.1	0.03	3.88	18.23	8	128	32	97	0.03	0.0	9.737	0.076	8	2	1	11
PL.25303	PL.25302	B	#1/0 ACSR	7.26Y	121.0	0.07	3.95	17.04	7	120	30	97	0.06	0.0	9.925	0.188	0	0	0	10
PL.25197	PL.25303	B	#4 ACSR	7.26Y	121.0	0.00	3.95	15.91	12	112	28	97	0.00	0.0	9.929	0.005	0	0	0	7
PD.3604	PL.25197	B	15T	7.26Y	121.0	0.00	3.95	15.91	0	112	28	97	0.00	0.0	9.929	0.005	0	0	0	7
PL.25196	PD.3604	B	#1/0 ACSR	7.26Y	121.0	0.00	3.95	0.80	0	6	1	99	0.00	0.0	9.994	0.064	6	1	1	1
PL.25299	PD.3604	B	#4 ACSR	7.26Y	121.0	0.05	4.00	15.11	12	106	27	97	0.04	0.0	10.000	0.071	4	1	1	6
PL.25300	PL.25299	B	#4 ACSR	7.26Y	121.0	0.04	4.04	14.53	11	102	26	97	0.03	0.0	10.065	0.065	0	0	0	5
PL.24698	PL.25300	B	#4 ACSR	7.26Y	120.9	0.03	4.08	5.69	4	40	10	97	0.01	0.0	10.203	0.138	0	0	0	3
PL.25192	PL.24698	B	#1/0 ACSR	7.25Y	120.9	0.02	4.10	5.69	2	40	10	97	0.01	0.0	10.389	0.186	0	0	0	3
PL.25275	PL.25192	B	#1/0 ACSR	7.25Y	120.9	0.01	4.11	5.69	2	40	10	97	0.00	0.0	10.498	0.109	1	0	1	3
PL.25194	PL.25275	B	#1/0 ACSR	7.25Y	120.9	0.01	4.12	5.57	2	39	10	97	0.00	0.0	10.538	0.040	0	0	0	2
PL.25195	PL.25194	B	#1/0 ACSR	7.25Y	120.9	0.01	4.13	5.57	2	39	10	97	0.00	0.0	10.629	0.092	39	10	2	2
PL.25193	PL.24698	B	#4 ACSR	7.26Y	120.9	0.00	4.08	0.00	0	0	0	100	0.00	0.0	10.237	0.033	0	0	0	0
PL.25191	PL.25300	B	#4 ACSR	7.26Y	120.9	0.01	4.05	8.84	7	62	16	97	0.00	0.0	10.132	0.067	62	16	2	2
PL.25499	PL.25303	B	#4 ACSR	7.26Y	121.0	0.00	3.95	1.14	1	8	2	97	0.00	0.0	9.930	0.005	0	0	0	3
PD.3457	PL.25499	B	15T	7.26Y	121.0	0.00	3.95	1.14	0	8	2	97	0.00	0.0	9.930	0.005	0	0	0	3
PL.25500	PD.3457	B	#4 ACSR	7.26Y	121.0	0.01	3.96	1.14	1	8	2	97	0.00	0.0	10.039	0.110	0	0	0	3
PL.25274	PL.25500	B	#4 ACSR	7.26Y	121.0	0.00	3.96	1.14	1	8	2	97	0.00	0.0	10.125	0.086	1	0	1	3
PL.25304	PL.25274	B	#4 ACSR	7.26Y	121.0	0.00	3.96	0.22	0	2	0	100	0.00	0.0	10.183	0.057	2	0	1	1

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Balanced Voltage Drop Report
Source: Rice Station

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.25305	PL.25304	B	#4 ACSR	7.26Y	121.0	0.00	3.96	0.00	0	0	0	100	0.00	0.0	10.219	0.037	0	0	0	0
PL.25198	PL.25274	B	#4 ACSR	7.26Y	121.0	0.00	3.96	0.76	1	5	1	98	0.00	0.0	10.229	0.104	5	1	1	1
PL.25501	PL.25186	B	#4 ACSR	7.31Y	121.8	0.00	3.18	0.47	0	3	1	95	0.00	0.0	8.139	0.005	0	0	0	1
PD.3458	PL.25501	B	30T	7.31Y	121.8	0.00	3.18	0.47	0	3	1	95	0.00	0.0	8.139	0.005	0	0	0	1
PL.25502	PD.3458	B	#4 ACSR	7.31Y	121.8	0.00	3.19	0.47	0	3	1	95	0.00	0.0	8.187	0.048	3	1	1	1
PL.25505	PL.25256	B	6 A (CWC)	7.32Y	122.0	0.00	3.05	0.05	0	0	0	100	0.00	0.0	7.771	0.005	0	0	0	2
PD.3460	PL.25505	B	30T	7.32Y	122.0	0.00	3.05	0.05	0	0	0	100	0.00	0.0	7.771	0.005	0	0	0	2
PL.25506	PD.3460	B	6 A (CWC)	7.32Y	122.0	0.00	3.05	0.05	0	0	0	100	0.00	0.0	7.917	0.145	0	0	0	2
PL.25262	PL.25506	B	6 A (CWC)	7.32Y	122.0	0.00	3.05	0.05	0	0	0	100	0.00	0.0	8.041	0.124	0	0	0	2
PL.25263	PL.25262	B	6 A (CWC)	7.32Y	122.0	0.00	3.05	0.05	0	0	0	100	0.00	0.0	8.208	0.167	0	0	2	2
PL.25184	PL.25263	B	#1/0 ACSR	7.32Y	122.0	0.00	3.05	0.00	0	0	0	100	0.00	0.0	8.260	0.052	0	0	0	0
PL.25645	PL.25172	A	#4 ACSR	7.33Y	122.1	0.00	2.86	0.84	1	6	1	99	0.00	0.0	7.146	0.005	0	0	0	1
PD.3602	PL.25645	A	30T	7.33Y	122.1	0.00	2.86	0.84	0	6	1	99	0.00	0.0	7.146	0.005	0	0	0	1
PL.25646	PD.3602	A	#4 ACSR	7.33Y	122.1	0.00	2.86	0.84	1	6	1	99	0.00	0.0	7.182	0.035	6	1	1	1
PL.25507	PL.25172	B	#4 ACSR	7.33Y	122.1	0.00	2.86	0.90	1	6	2	95	0.00	0.0	7.147	0.005	0	0	0	2
PD.3461	PL.25507	B	30T	7.33Y	122.1	0.00	2.86	0.90	0	6	2	95	0.00	0.0	7.147	0.005	0	0	0	2
PL.25508	PD.3461	B	#4 ACSR	7.33Y	122.1	0.00	2.86	0.90	1	6	2	95	0.00	0.0	7.204	0.057	0	0	1	2
PL.25321	PL.25508	B	#4 ACSR	7.33Y	122.1	0.00	2.86	0.85	1	6	2	95	0.00	0.0	7.231	0.028	6	2	1	1
PL.25535	PL.25293	C	#1/0 ACSR	7.33Y	122.2	0.00	2.78	1.66	1	12	3	97	0.00	0.0	6.786	0.005	0	0	0	4
PD.3542	PL.25535	C	30T	7.33Y	122.2	0.00	2.78	1.66	0	12	3	97	0.00	0.0	6.786	0.005	0	0	0	4
PL.25536	PD.3542	C	#1/0 ACSR	7.33Y	122.2	0.00	2.78	1.66	1	12	3	97	0.00	0.0	6.819	0.033	5	1	2	4
PL.25171	PL.25536	C	#2 ACSR	7.33Y	122.2	0.00	2.78	0.93	1	7	2	96	0.00	0.0	6.870	0.051	7	2	2	2
PL.25169	PL.25161	ABC	#1/0 ACSR	7.34Y	122.3	0.01	2.74	12.09	5	258	65	97	0.02	0.0	6.634	0.051	0	0	0	51
PL.25252	PL.25169	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.75	9.07	4	194	49	97	0.01	0.0	6.685	0.051	0	0	0	39
PL.25253	PL.25252	ABC	#1/0 ACSR	7.33Y	122.2	0.00	2.76	4.54	2	97	24	97	0.00	0.0	6.728	0.043	0	0	0	20
PL.25543	PL.25253	C	#4 ACSR	7.33Y	122.2	0.00	2.76	9.67	7	69	17	97	0.00	0.0	6.731	0.003	0	0	0	14
PD.3546	PL.25543	C	40T	7.33Y	122.2	0.00	2.76	9.67	0	69	17	97	0.00	0.0	6.731	0.003	0	0	0	14
PL.25544	PD.3546	C	#4 ACSR	7.33Y	122.2	0.00	2.76	9.67	7	69	17	97	0.00	0.0	6.735	0.003	6	1	1	14
PL.25364	PL.25544	C	#4 ACSR	7.33Y	122.2	0.01	2.77	8.88	7	63	16	97	0.00	0.0	6.755	0.020	10	2	3	13
PL.25365	PL.25364	C	#4 ACSR	7.33Y	122.2	0.00	2.77	7.52	6	54	13	97	0.00	0.0	6.770	0.015	31	8	4	10
PL.25366	PL.25365	C	#4 ACSR	7.33Y	122.2	0.00	2.77	3.21	2	23	6	97	0.00	0.0	6.785	0.014	5	1	2	6

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Balanced Voltage Drop Report
Source: Rice Station

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.25367	PL.25366	C	#4 ACSR	7.33Y	122.2	0.00	2.77	2.44	2	17	4	97	0.00	0.0	6.800	0.015	17	4	4	4
PL.25254	PL.25253	ABC	#1/0 ACSR	7.33Y	122.2	0.00	2.76	1.32	1	28	7	97	0.00	0.0	6.749	0.020	0	0	0	6
PL.25545	PL.25254	C	#4 ACSR	7.33Y	122.2	0.00	2.76	2.42	2	17	4	97	0.00	0.0	6.753	0.005	0	0	0	5
PD.3547	PL.25545	C	40T	7.33Y	122.2	0.00	2.76	2.42	0	17	4	97	0.00	0.0	6.753	0.005	0	0	0	5
PL.25546	PD.3547	C	#4 ACSR	7.33Y	122.2	0.00	2.76	2.42	2	17	4	97	0.00	0.0	6.759	0.006	1	0	1	5
PL.25371	PL.25546	C	#4 ACSR	7.33Y	122.2	0.00	2.76	2.29	2	16	4	97	0.00	0.0	6.784	0.025	6	1	1	4
PL.25370	PL.25371	C	#4 ACSR	7.33Y	122.2	0.00	2.76	1.50	1	11	3	96	0.00	0.0	6.799	0.015	1	0	1	3
PL.25369	PL.25370	C	#4 ACSR	7.33Y	122.2	0.00	2.76	1.32	1	9	2	98	0.00	0.0	6.814	0.015	9	2	2	2
PL.25368	PL.25369	C	#4 ACSR	7.33Y	122.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	6.834	0.019	0	0	0	0
PL.25641	PL.25254	A	#4 ACSR	7.33Y	122.2	0.00	2.76	1.53	1	11	3	96	0.00	0.0	6.753	0.005	0	0	0	1
PD.3601	PL.25641	A	40T	7.33Y	122.2	0.00	2.76	1.53	0	11	3	96	0.00	0.0	6.753	0.005	0	0	0	1
PL.25642	PD.3601	A	#4 ACSR	7.33Y	122.2	0.00	2.76	1.53	1	11	3	96	0.00	0.0	6.766	0.013	11	3	1	1
PL.25541	PL.25252	B	#4 ACSR	7.33Y	122.2	0.00	2.76	13.59	10	97	24	97	0.00	0.0	6.690	0.005	0	0	0	19
PD.3545	PL.25541	B	40T	7.33Y	122.2	0.00	2.76	13.59	0	97	24	97	0.00	0.0	6.690	0.005	0	0	0	19
PL.25542	PD.3545	B	#4 ACSR	7.33Y	122.2	0.00	2.76	13.59	10	97	24	97	0.00	0.0	6.696	0.006	27	7	4	19
PL.25363	PL.25542	B	#4 ACSR	7.33Y	122.2	0.01	2.76	9.73	7	69	17	97	0.00	0.0	6.709	0.014	19	5	5	15
PL.25362	PL.25363	B	#4 ACSR	7.33Y	122.2	0.00	2.77	7.07	5	50	13	97	0.00	0.0	6.725	0.016	20	5	3	10
PL.25372	PL.25362	B	#4 ACSR	7.33Y	122.2	0.00	2.77	4.32	3	31	8	97	0.00	0.0	6.740	0.014	18	5	4	7
PL.25373	PL.25372	B	#4 ACSR	7.33Y	122.2	0.00	2.77	1.80	1	13	3	97	0.00	0.0	6.750	0.010	13	3	3	3
PL.25657	PL.25169	A	#4 ACSR	7.34Y	122.3	0.00	2.75	8.47	7	60	15	97	0.00	0.0	6.638	0.004	0	0	0	11
PD.3609	PL.25657	A	40T	7.34Y	122.3	0.00	2.75	8.47	0	60	15	97	0.00	0.0	6.638	0.004	0	0	0	11
PL.25658	PD.3609	A	#4 ACSR	7.34Y	122.3	0.00	2.75	8.47	7	60	15	97	0.00	0.0	6.642	0.004	14	3	2	11
PL.25374	PL.25658	A	#4 ACSR	7.33Y	122.2	0.00	2.75	6.55	5	47	12	97	0.00	0.0	6.658	0.016	17	4	3	9
PL.25375	PL.25374	A	#4 ACSR	7.33Y	122.2	0.00	2.75	4.17	3	30	7	97	0.00	0.0	6.673	0.015	17	4	2	6
PL.25360	PL.25375	A	#4 ACSR	7.33Y	122.2	0.00	2.75	1.81	1	13	3	97	0.00	0.0	6.689	0.016	7	2	2	4
PL.25361	PL.25360	A	#4 ACSR	7.33Y	122.2	0.00	2.75	0.88	1	6	2	95	0.00	0.0	6.706	0.016	6	2	2	2
PL.25639	PL.25169	A	#4 ACSR	7.34Y	122.3	0.00	2.74	0.59	0	4	1	97	0.00	0.0	6.639	0.005	0	0	0	1
PD.3600	PL.25639	A	40T	7.34Y	122.3	0.00	2.74	0.59	0	4	1	97	0.00	0.0	6.639	0.005	0	0	0	1
PL.25640	PD.3600	A	#4 ACSR	7.34Y	122.3	0.00	2.75	0.59	0	4	1	97	0.00	0.0	6.675	0.036	4	1	1	1
PL.25653	PL.25158	A	6 A (CWC)	7.35Y	122.5	0.00	2.54	11.81	8	84	21	97	0.00	0.0	6.203	0.005	0	0	0	99
PD.3607	PL.25653	A	40T	7.35Y	122.5	0.00	2.54	11.81	0	84	21	97	0.00	0.0	6.203	0.005	0	0	0	99

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Balanced Voltage Drop Report
Source: Rice Station

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.25654	PD.3607	A	6 A (CWC)	7.35Y	122.4	0.02	2.56	11.81	8	84	21	97	0.01	0.0	6.247	0.044	6	2	16	99
PL.25333	PL.25654	A	6 A (CWC)	7.35Y	122.4	0.00	2.56	10.91	8	78	20	97	0.00	0.0	6.249	0.002	13	3	11	83
PL.25159	PL.25333	A	#4 ACSR	7.35Y	122.4	0.00	2.56	1.77	1	13	3	97	0.00	0.0	6.256	0.006	13	3	30	30
PL.25160	PL.25333	A	6 A (CWC)	7.35Y	122.4	0.01	2.58	7.26	5	52	13	97	0.00	0.0	6.285	0.036	0	0	0	42
PL.25156	PL.25160	A	#4 ACSR	7.35Y	122.4	0.01	2.58	4.38	3	31	8	97	0.00	0.0	6.318	0.033	1	0	2	33
PL.25338	PL.25156	A	#4 ACSR	7.34Y	122.4	0.00	2.59	3.53	3	25	6	97	0.00	0.0	6.352	0.034	16	4	26	28
PL.25339	PL.25338	A	#4 ACSR	7.34Y	122.4	0.00	2.59	1.26	1	9	2	98	0.00	0.0	6.387	0.035	7	2	1	2
PL.25332	PL.25339	A	#4 ACSR	7.34Y	122.4	0.00	2.59	0.23	0	2	0	100	0.00	0.0	6.432	0.045	2	0	1	1
PL.25154	PL.25156	A	#4 ACSR	7.35Y	122.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	6.348	0.029	0	0	0	0
PL.25155	PL.25156	A	#4 ACSR	7.35Y	122.4	0.00	2.58	0.73	1	5	1	98	0.00	0.0	6.342	0.024	5	1	3	3
PL.25330	PL.25160	A	6 A (CWC)	7.35Y	122.4	0.00	2.58	2.88	2	21	5	97	0.00	0.0	6.295	0.010	5	1	2	9
PL.25331	PL.25330	A	6 A (CWC)	7.35Y	122.4	0.01	2.58	2.13	2	15	4	97	0.00	0.0	6.365	0.069	5	1	2	7
PL.25329	PL.25331	A	6 A (CWC)	7.34Y	122.4	0.00	2.59	1.37	1	10	2	98	0.00	0.0	6.431	0.066	7	2	4	5
PL.25167	PL.25329	A	#4 ACSR	7.34Y	122.4	0.00	2.59	0.42	0	3	1	95	0.00	0.0	6.547	0.116	3	1	1	1
PL.25523	PL.25250	A	6 A (CWC)	7.35Y	122.5	0.00	2.51	1.18	1	8	2	97	0.00	0.0	6.135	0.005	0	0	0	5
PD.3469	PL.25523	A	40T	7.35Y	122.5	0.00	2.51	1.18	0	8	2	97	0.00	0.0	6.135	0.005	0	0	0	5
PL.25524	PD.3469	A	6 A (CWC)	7.35Y	122.5	0.00	2.51	1.18	1	8	2	97	0.00	0.0	6.187	0.052	8	2	5	5
PL.25525	PL.24719	A	#4 ACSR	7.35Y	122.5	0.00	2.49	2.75	2	20	5	97	0.00	0.0	6.084	0.005	0	0	0	16
PD.3470	PL.25525	A	40T	7.35Y	122.5	0.00	2.49	2.75	0	20	5	97	0.00	0.0	6.084	0.005	0	0	0	16
PL.25526	PD.3470	A	#4 ACSR	7.35Y	122.5	0.00	2.49	2.75	2	20	5	97	0.00	0.0	6.110	0.026	10	2	10	16
PL.25336	PL.25526	A	#4 ACSR	7.35Y	122.5	0.00	2.49	1.37	1	10	2	98	0.00	0.0	6.192	0.082	10	2	6	6
PL.25337	PL.25336	A	#4 ACSR	7.35Y	122.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	6.231	0.039	0	0	0	0
PL.25531	PL.25342	C	#4 ACSR	7.36Y	122.6	0.00	2.37	9.13	7	65	16	97	0.00	0.0	5.840	0.005	0	0	0	12
PD.3473	PL.25531	C	40T	7.36Y	122.6	0.00	2.37	9.13	0	65	16	97	0.00	0.0	5.840	0.005	0	0	0	12
PL.25532	PD.3473	C	#4 ACSR	7.36Y	122.6	0.02	2.39	9.13	7	65	16	97	0.01	0.0	5.895	0.055	10	2	3	12
PL.25345	PL.25532	C	#4 ACSR	7.36Y	122.6	0.01	2.40	7.75	6	55	14	97	0.00	0.0	5.919	0.024	10	2	2	9
PL.25346	PL.25345	C	#4 ACSR	7.36Y	122.6	0.01	2.40	6.37	5	45	11	97	0.00	0.0	5.957	0.038	23	6	4	7
PL.25344	PL.25346	C	#4 ACSR	7.36Y	122.6	0.00	2.41	3.20	2	23	6	97	0.00	0.0	5.983	0.025	23	6	3	3
PL.25655	PL.25246	A	#4 ACSR	7.36Y	122.7	0.00	2.32	2.07	2	15	4	97	0.00	0.0	5.752	0.005	0	0	0	5
PD.3608	PL.25655	A	40T	7.36Y	122.7	0.00	2.32	2.07	0	15	4	97	0.00	0.0	5.752	0.005	0	0	0	5
PL.25656	PD.3608	A	#4 ACSR	7.36Y	122.7	0.00	2.32	2.07	2	15	4	97	0.00	0.0	5.767	0.015	15	4	5	5

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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.25101	PL.25102	B	6 A (CWC)	7.38Y	123.1	0.01	1.95	3.07	2	22	6	96	0.00	0.0	5.363	0.065	0	0	0	4
PL.25099	PL.25101	B	#2 ACSR	7.38Y	123.1	0.00	1.95	3.07	2	22	6	96	0.00	0.0	5.367	0.005	0	0	0	4
PD.3560	PL.25099	B	40T	7.38Y	123.1	0.00	1.95	3.07	0	22	6	96	0.00	0.0	5.367	0.005	0	0	0	4
PL.24700	PD.3560	B	#2 ACSR	7.38Y	123.0	0.00	1.95	1.18	1	8	2	97	0.00	0.0	5.508	0.141	8	2	1	1
PL.25098	PD.3560	B	#2 ACSR	7.38Y	123.1	0.00	1.95	0.65	0	5	1	98	0.00	0.0	5.384	0.017	5	1	1	1
PL.25100	PD.3560	B	#2 ACSR	7.38Y	123.1	0.00	1.95	1.24	1	9	2	98	0.00	0.0	5.400	0.033	9	2	2	2
PL.25243	PL.25430	ABC	#1/0 ACSR	7.39Y	123.2	0.00	1.80	0.60	0	13	3	97	0.00	0.0	5.212	0.065	0	0	0	2
PL.24731	PL.25243	C	#4 ACSR	7.39Y	123.2	0.00	1.80	1.80	1	13	3	97	0.00	0.0	5.216	0.005	0	0	0	2
PD.3564	PL.24731	C	40T	7.39Y	123.2	0.00	1.80	1.80	0	13	3	97	0.00	0.0	5.216	0.005	0	0	0	2
PL.24732	PD.3564	C	#4 ACSR	7.39Y	123.2	0.01	1.82	1.80	1	13	3	97	0.00	0.0	5.384	0.167	0	0	0	2
PL.25431	PL.24732	C	#4 ACSR	7.39Y	123.2	0.00	1.82	1.80	1	13	3	97	0.00	0.0	5.412	0.028	6	1	1	2
PL.25432	PL.25431	C	#4 ACSR	7.39Y	123.2	0.00	1.82	0.98	1	7	2	96	0.00	0.0	5.437	0.025	7	2	1	1
CP.37	PL.25697	ABC	Cap (300)	7.41Y	123.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	4.715	0.025	0	0	0	0
PL.25418	PL.25216	A	6 A (CWC)	7.43Y	123.8	0.02	1.24	9.74	7	70	17	97	0.01	0.0	4.539	0.049	9	2	2	16
PL.25627	PL.25418	A	6 A (CWC)	7.43Y	123.8	0.00	1.24	8.54	6	62	15	97	0.00	0.0	4.543	0.005	0	0	0	14
PD.3594	PL.25627	A	65T	7.43Y	123.8	0.00	1.24	8.54	0	62	15	97	0.00	0.0	4.543	0.005	0	0	0	14
PL.25628	PD.3594	A	6 A (CWC)	7.42Y	123.7	0.02	1.26	8.54	6	62	15	97	0.01	0.0	4.590	0.047	0	0	0	14
PL.25428	PL.25628	A	#1/0 ACSR	7.42Y	123.7	0.00	1.26	0.83	0	6	2	95	0.00	0.0	4.649	0.059	4	1	1	2
PL.25429	PL.25428	A	#1/0 ACSR	7.42Y	123.7	0.00	1.26	0.26	0	2	0	100	0.00	0.0	4.675	0.025	2	0	1	1
PL.25218	PL.25628	A	6 A (CWC)	7.42Y	123.7	0.03	1.30	7.71	6	56	14	97	0.01	0.0	4.689	0.099	0	0	0	12
PL.25138	PL.25218	A	6 A (CWC)	7.42Y	123.7	0.00	1.30	1.29	1	9	2	98	0.00	0.0	4.777	0.088	9	2	2	2
PL.25137	PL.25218	A	#1/0 ACSR	7.42Y	123.7	0.00	1.30	0.65	0	5	1	98	0.00	0.0	4.720	0.030	5	1	1	1
PL.25290	PL.25218	A	6 A (CWC)	7.42Y	123.7	0.00	1.30	0.31	0	2	1	89	0.00	0.0	4.720	0.030	0	0	0	1
PL.25291	PL.25290	A	6 A (CWC)	7.42Y	123.7	0.00	1.30	0.31	0	2	1	89	0.00	0.0	4.813	0.094	2	1	1	1
PL.25420	PL.25218	A	6 A (CWC)	7.42Y	123.7	0.00	1.30	5.47	4	39	10	97	0.00	0.0	4.709	0.019	10	3	1	8
PL.25421	PL.25420	A	6 A (CWC)	7.42Y	123.7	0.01	1.31	4.01	3	29	7	97	0.00	0.0	4.760	0.051	3	1	2	7
PL.25139	PL.25421	A	6 A (CWC)	7.42Y	123.7	0.02	1.33	3.01	2	22	5	98	0.00	0.0	4.900	0.140	0	0	0	4
PL.24710	PL.25139	A	6 A (CWC)	7.42Y	123.7	0.01	1.34	3.01	2	22	5	98	0.00	0.0	4.968	0.068	0	0	0	4
PL.25435	PL.24710	A	6 A (CWC)	7.42Y	123.7	0.00	1.34	1.89	1	14	3	98	0.00	0.0	4.995	0.027	7	2	1	2
PL.25436	PL.25435	A	6 A (CWC)	7.42Y	123.7	0.00	1.34	0.97	1	7	2	96	0.00	0.0	5.052	0.057	7	2	1	1
PL.25433	PL.24710	A	6 A (CWC)	7.42Y	123.7	0.00	1.34	1.11	1	8	2	97	0.00	0.0	5.127	0.158	8	2	1	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: Rice Station

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.25434	PL.25433	A	6 A (CWC)	7.42Y	123.7	-0.00	1.34	0.05	0	0	0	100	0.00	0.0	5.280	0.153	0	0	0	1
PL.24711	PL.25434	A	6 A (CWC)	7.42Y	123.7	-0.00	1.34	0.05	0	0	0	100	0.00	0.0	5.360	0.080	0	0	0	1
PL.24733	PL.24711	A	1/0 AL URD	7.42Y	123.7	0.00	1.34	0.05	0	0	0	100	0.00	0.0	5.365	0.005	0	0	0	1
PD.3565	PL.24733	A	40T	7.42Y	123.7	0.00	1.34	0.05	0	0	0	100	0.00	0.0	5.365	0.005	0	0	0	1
PL.25575	PD.3565	A	1/0 AL URD	7.42Y	123.7	0.00	1.34	0.05	0	0	0	100	0.00	0.0	5.452	0.088	0	0	0	1
PD.3569	PL.25575	A	25T	7.42Y	123.7	0.00	1.34	0.02	0	0	0	100	0.00	0.0	5.452	0.088	0	0	0	1
PL.25576	PD.3569	A	1/0 AL URD	7.42Y	123.7	0.00	1.34	0.02	0	0	0	100	0.00	0.0	5.457	0.005	0	0	1	1
PL.25140	PL.25576	A	#1/0 ACSR	7.42Y	123.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	5.481	0.024	0	0	0	0
PL.25219	PL.25421	A	6 A (CWC)	7.42Y	123.7	0.00	1.31	0.54	0	4	1	97	0.00	0.0	4.808	0.048	4	1	1	1
PL.25665	PL.25133	ABC	#4 ACSR	7.44Y	124.1	0.00	0.92	0.39	0	8	4	89	0.00	0.0	4.312	0.005	0	0	0	1
PD.3613	PL.25665	ABC	65T	7.44Y	124.1	0.00	0.92	0.39	0	8	4	89	0.00	0.0	4.312	0.005	0	0	0	1
PL.25666	PD.3613	ABC	#4 ACSR	7.44Y	124.1	0.00	0.92	0.39	0	8	4	89	0.00	0.0	4.362	0.050	0	0	0	1
PL.25134	PL.25666	ABC	#4 ACSR	7.44Y	124.1	0.00	0.92	0.39	0	8	4	89	0.00	0.0	4.364	0.002	8	4	1	1
PL.25661	PL.25427	ABC	1/0 AL URD	7.10Y	118.3	0.00	6.75	15.88	9	305	146	90	0.00	0.0	4.093	0.005	0	0	0	1
PD.3611	PL.25661	ABC	65T	7.10Y	118.3	0.00	6.75	15.88	0	305	146	90	0.00	0.0	4.093	0.005	0	0	0	1
PL.25662	PD.3611	ABC	1/0 AL URD	7.09Y	118.2	0.03	6.78	15.88	9	305	146	90	0.05	0.0	4.265	0.172	305	148	1	1
PL.25621	PL.25121	A	6 A (CWC)	7.26Y	121.1	0.00	3.94	4.55	3	32	8	97	0.00	0.0	2.689	0.005	0	0	0	13
PD.3591	PL.25621	A	65T	7.26Y	121.1	0.00	3.94	4.55	0	32	8	97	0.00	0.0	2.689	0.005	0	0	0	13
PL.25622	PD.3591	A	6 A (CWC)	7.26Y	121.1	0.01	3.94	4.55	3	32	8	97	0.00	0.0	2.716	0.027	1	0	1	13
PL.25444	PL.25622	A	6 A (CWC)	7.26Y	121.0	0.03	3.97	4.36	3	31	7	98	0.01	0.0	2.861	0.145	2	0	1	12
PL.25443	PL.25444	A	6 A (CWC)	7.26Y	121.0	0.00	3.98	4.13	3	29	7	97	0.00	0.0	2.888	0.026	0	0	1	11
PL.25124	PL.25443	A	#4 ACSR	7.26Y	121.0	0.00	3.98	0.23	0	2	0	100	0.00	0.0	2.930	0.043	2	0	1	1
PL.25441	PL.25443	A	6 A (CWC)	7.26Y	121.0	0.02	4.00	3.88	3	27	7	97	0.00	0.0	2.999	0.111	0	0	0	9
PL.25442	PL.25441	A	6 A (CWC)	7.26Y	121.0	0.01	4.00	3.88	3	27	7	97	0.00	0.0	3.043	0.044	0	0	0	9
PL.25125	PL.25442	A	#4 ACSR	7.26Y	121.0	0.00	4.01	3.88	3	27	7	97	0.00	0.0	3.064	0.021	0	0	0	9
PL.25439	PL.25125	A	#4 ACSR	7.26Y	121.0	0.01	4.02	3.47	3	24	6	97	0.00	0.0	3.131	0.066	9	2	2	8
PL.25440	PL.25439	A	#4 ACSR	7.26Y	121.0	0.00	4.02	2.16	2	15	3	98	0.00	0.0	3.188	0.057	2	1	2	6
PL.25437	PL.25440	A	#4 ACSR	7.26Y	121.0	0.00	4.02	1.83	1	13	3	97	0.00	0.0	3.209	0.022	4	1	2	4
PL.25438	PL.25437	A	#4 ACSR	7.26Y	121.0	0.00	4.02	1.32	1	9	2	98	0.00	0.0	3.244	0.035	0	0	0	2
PL.25127	PL.25438	A	#2 ACSR	7.26Y	121.0	0.00	4.03	0.77	0	5	1	98	0.00	0.0	3.297	0.053	0	0	0	1
PL.24734	PL.25127	A	1/0 AL URD	7.26Y	121.0	0.00	4.03	0.77	0	5	1	98	0.00	0.0	3.302	0.005	0	0	0	1

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Balanced Voltage Drop Report
Source: Rice Station

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.3566	PL.24734	A	40T	7.26Y	121.0	0.00	4.03	0.77	0	5	1	98	0.00	0.0	3.302	0.005	0	0	0	1
PL.25570	PD.3566	A	1/0 AL URD	7.26Y	121.0	0.00	4.03	0.77	0	5	1	98	0.00	0.0	3.391	0.089	5	1	1	1
PL.25214	PL.25438	A	#4 ACSR	7.26Y	121.0	0.00	4.02	0.56	0	4	1	97	0.00	0.0	3.271	0.027	4	1	1	1
PL.25126	PL.25125	A	#4 ACSR	7.26Y	121.0	0.00	4.01	0.41	0	3	1	95	0.00	0.0	3.262	0.197	0	0	0	1
PL.24703	PL.25126	A	#4 ACSR	7.26Y	121.0	0.00	4.01	0.41	0	3	1	95	0.00	0.0	3.428	0.166	0	0	0	1
PL.24704	PL.24703	A	#4 ACSR	7.26Y	121.0	0.00	4.01	0.41	0	3	1	95	0.00	0.0	3.463	0.036	3	1	1	1
PL.25577	PL.25680	B	6 A (CWC)	7.29Y	121.5	0.00	3.49	1.80	1	13	3	97	0.00	0.0	2.502	0.035	0	0	0	2
PD.3570	PL.25577	B	65T	7.29Y	121.5	0.00	3.49	1.80	0	13	3	97	0.00	0.0	2.502	0.035	0	0	0	2
PL.25578	PD.3570	B	6 A (CWC)	7.29Y	121.5	0.00	3.50	1.80	1	13	3	97	0.00	0.0	2.519	0.017	13	3	2	2
PL.25579	PL.25201	A	6 A (CWC)	7.29Y	121.6	0.00	3.43	2.46	2	17	4	97	0.00	0.0	2.423	0.005	0	0	0	2
PD.3571	PL.25579	A	65T	7.29Y	121.6	0.00	3.43	2.46	0	17	4	97	0.00	0.0	2.423	0.005	0	0	0	2
PL.25580	PD.3571	A	6 A (CWC)	7.29Y	121.6	0.01	3.44	2.46	2	17	4	97	0.00	0.0	2.516	0.093	17	4	2	2
PL.25581	PL.25200	A	6 A (CWC)	7.30Y	121.7	0.00	3.34	0.39	0	3	1	95	0.00	0.0	2.352	0.005	0	0	0	1
PD.3572	PL.25581	A	65T	7.30Y	121.7	0.00	3.34	0.39	0	3	1	95	0.00	0.0	2.352	0.005	0	0	0	1
PL.25582	PD.3572	A	6 A (CWC)	7.30Y	121.7	0.00	3.34	0.39	0	3	1	95	0.00	0.0	2.396	0.043	3	1	1	1
PL.25585	PL.25210	A	6 A (CWC)	7.31Y	121.8	0.00	3.18	2.80	2	20	5	97	0.00	0.0	2.228	0.005	0	0	0	3
PD.3574	PL.25585	A	65T	7.31Y	121.8	0.00	3.18	2.80	0	20	5	97	0.00	0.0	2.228	0.005	0	0	0	3
PL.25586	PD.3574	A	6 A (CWC)	7.31Y	121.8	0.00	3.19	2.80	2	20	5	97	0.00	0.0	2.251	0.022	20	5	3	3
PL.25589	PL.25209	C	6 A (CWC)	7.31Y	121.9	0.00	3.08	20.19	14	143	36	97	0.00	0.0	2.147	0.005	0	0	0	25
PD.3576	PL.25589	C	65T	7.31Y	121.9	0.00	3.08	20.19	0	143	36	97	0.00	0.0	2.147	0.005	0	0	0	25
PL.25590	PD.3576	C	6 A (CWC)	7.31Y	121.9	0.06	3.14	20.19	14	143	36	97	0.06	0.0	2.214	0.067	15	4	2	25
PL.25449	PL.25590	C	6 A (CWC)	7.31Y	121.8	0.04	3.18	18.07	13	128	32	97	0.04	0.0	2.264	0.049	1	0	1	23
PL.25450	PL.25449	C	6 A (CWC)	7.31Y	121.8	0.06	3.24	17.92	13	127	32	97	0.06	0.0	2.341	0.077	6	1	1	22
PL.25451	PL.25450	C	6 A (CWC)	7.30Y	121.7	0.04	3.28	17.13	12	121	30	97	0.03	0.0	2.388	0.048	0	0	0	21
PL.25117	PL.25451	C	6 A (CWC)	7.30Y	121.7	0.00	3.28	1.23	1	9	2	98	0.00	0.0	2.427	0.038	9	2	2	2
PL.25466	PL.25117	C	#4 ACSR	7.30Y	121.7	0.00	3.28	0.00	0	0	0	100	0.00	0.0	2.529	0.102	0	0	0	0
PL.25467	PL.25466	C	#4 ACSR	7.30Y	121.7	0.00	3.28	0.00	0	0	0	100	0.00	0.0	2.610	0.082	0	0	0	0
PL.25118	PL.25451	C	6 A (CWC)	7.30Y	121.7	0.00	3.28	0.34	0	2	1	89	0.00	0.0	2.460	0.072	2	1	1	1
PL.25462	PL.25451	C	6 A (CWC)	7.30Y	121.7	0.01	3.29	5.68	4	40	10	97	0.00	0.0	2.455	0.067	20	5	4	8
PL.25464	PL.25462	C	6 A (CWC)	7.30Y	121.7	0.01	3.30	2.86	2	20	5	97	0.00	0.0	2.521	0.066	3	1	1	4
PL.25465	PL.25464	C	6 A (CWC)	7.30Y	121.7	0.01	3.31	2.49	2	18	4	98	0.00	0.0	2.594	0.073	7	2	1	3

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Balanced Voltage Drop Report
Source: Rice Station

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.25463	PL.25465	C	6 A (CWC)	7.30Y	121.7	0.00	3.31	1.44	1	10	3	96	0.00	0.0	2.636	0.042	1	0	1	2
PL.25119	PL.25463	C	#4 ACSR	7.30Y	121.7	0.00	3.31	1.25	1	9	2	98	0.00	0.0	2.712	0.075	9	2	1	1
PL.25116	PL.25451	C	#4 ACSR	7.30Y	121.7	0.04	3.32	9.88	8	70	18	97	0.02	0.0	2.487	0.099	17	4	2	10
PL.25453	PL.25116	C	#4 ACSR	7.30Y	121.7	0.01	3.33	7.44	6	53	13	97	0.00	0.0	2.515	0.028	8	2	1	8
PL.25454	PL.25453	C	#4 ACSR	7.30Y	121.7	0.01	3.34	6.33	5	45	11	97	0.00	0.0	2.569	0.054	26	7	4	7
PL.25452	PL.25454	C	#4 ACSR	7.30Y	121.7	0.00	3.34	2.62	2	19	5	97	0.00	0.0	2.632	0.063	19	5	3	3
PL.25587	PL.25458	A	#4 ACSR	7.32Y	121.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	2.151	0.024	0	0	0	0
PD.3575	PL.25587	A	65T	7.32Y	121.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	2.151	0.024	0	0	0	0
PL.25588	PD.3575	A	#4 ACSR	7.32Y	121.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	2.171	0.020	0	0	0	0
PL.25591	PL.25208	A	#1/0 ACSR	7.32Y	122.1	0.00	2.94	6.73	3	48	12	97	0.00	0.0	2.040	0.005	0	0	0	11
PD.3577	PL.25591	A	65T	7.32Y	122.1	0.00	2.94	6.73	0	48	12	97	0.00	0.0	2.040	0.005	0	0	0	11
PL.25592	PD.3577	A	#1/0 ACSR	7.32Y	122.1	0.01	2.94	6.73	3	48	12	97	0.00	0.0	2.093	0.053	0	0	0	11
PL.25114	PL.25592	A	#1/0 ACSR	7.32Y	122.1	0.00	2.95	2.19	1	16	4	97	0.00	0.0	2.145	0.052	16	4	3	3
PL.25455	PL.25592	A	#1/0 ACSR	7.32Y	122.1	0.00	2.95	4.55	2	32	8	97	0.00	0.0	2.137	0.044	7	2	1	8
PL.25456	PL.25455	A	#1/0 ACSR	7.32Y	122.0	0.00	2.95	3.58	2	25	6	97	0.00	0.0	2.185	0.048	0	0	0	7
PL.25446	PL.25456	A	#1/0 ACSR	7.32Y	122.0	0.00	2.96	2.21	1	16	4	97	0.00	0.0	2.268	0.083	6	1	1	5
PL.25447	PL.25446	A	#1/0 ACSR	7.32Y	122.0	0.00	2.96	1.42	1	10	2	98	0.00	0.0	2.282	0.014	5	1	3	4
PL.25448	PL.25447	A	#1/0 ACSR	7.32Y	122.0	0.00	2.96	0.65	0	5	1	98	0.00	0.0	2.304	0.021	0	0	0	1
PL.25583	PL.25448	A	1/0 AL URD	7.32Y	122.0	0.00	2.96	0.65	0	5	1	98	0.00	0.0	2.308	0.005	0	0	0	1
PD.3573	PL.25583	A	40T	7.32Y	122.0	0.00	2.96	0.65	0	5	1	98	0.00	0.0	2.308	0.005	0	0	0	1
PL.25584	PD.3573	A	1/0 AL URD	7.32Y	122.0	0.00	2.96	0.65	0	5	1	98	0.00	0.0	2.407	0.099	5	1	1	1
PL.25115	PL.25456	A	#1/0 ACSR	7.32Y	122.0	0.00	2.95	1.37	1	10	2	98	0.00	0.0	2.197	0.012	10	2	2	2
PL.25593	PL.25111	C	#4 ACSR	7.33Y	122.2	0.00	2.85	2.02	2	14	4	96	0.00	0.0	1.974	0.005	0	0	0	4
PD.3578	PL.25593	C	65T	7.33Y	122.2	0.00	2.85	2.02	0	14	4	96	0.00	0.0	1.974	0.005	0	0	0	4
PL.25594	PD.3578	C	#4 ACSR	7.33Y	122.2	0.00	2.85	2.02	2	14	4	96	0.00	0.0	1.990	0.016	10	3	3	4
PL.25113	PL.25594	C	#1/0 ACSR	7.33Y	122.2	0.00	2.85	0.55	0	4	1	97	0.00	0.0	2.046	0.056	4	1	1	1
PL.25112	PL.25110	B	#2 ACSR	7.33Y	122.2	0.00	2.75	1.35	1	10	2	98	0.00	0.0	1.909	0.007	10	2	2	2
PL.25603	PL.25606	C	1/0 AL URD	7.39Y	123.2	0.00	1.84	0.03	0	0	0	100	0.00	0.0	1.256	0.005	0	0	0	1
PD.3583	PL.25603	C	65T	7.39Y	123.2	0.00	1.84	0.03	0	0	0	100	0.00	0.0	1.256	0.005	0	0	0	1
PL.25604	PD.3583	C	1/0 AL URD	7.39Y	123.2	0.00	1.84	0.03	0	0	0	100	0.00	0.0	1.279	0.023	0	0	1	1
PL.25607	PL.25481	A	#1/0 ACSR	7.40Y	123.3	0.00	1.69	2.33	1	17	4	97	0.00	0.0	1.180	0.032	0	0	0	1

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Balanced Voltage Drop Report
Source: Rice Station

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.3584	PL.25607	A	65T	7.40Y	123.3	0.00	1.69	2.33	0	17	4	97	0.00	0.0	1.180	0.032	0	0	0	1
PL.25608	PD.3584	A	#1/0 ACSR	7.40Y	123.3	0.00	1.69	2.33	1	17	4	97	0.00	0.0	1.223	0.042	17	4	1	1
PL.25611	PL.25298	A	6 A (CWC)	7.42Y	123.7	0.00	1.28	0.83	1	6	1	99	0.00	0.0	0.868	0.005	0	0	0	1
PD.3586	PL.25611	A	65T	7.42Y	123.7	0.00	1.28	0.83	0	6	1	99	0.00	0.0	0.868	0.005	0	0	0	1
PL.25612	PD.3586	A	6 A (CWC)	7.42Y	123.7	0.00	1.28	0.83	1	6	1	99	0.00	0.0	0.905	0.038	6	1	1	1
PL.25615	PL.25490	C	6 A (CWC)	7.47Y	124.5	0.00	0.52	2.05	1	15	4	97	0.00	0.0	0.351	0.004	0	0	0	3
PD.3588	PL.25615	C	65T	7.47Y	124.5	0.00	0.52	2.05	0	15	4	97	0.00	0.0	0.351	0.004	0	0	0	3
PL.25616	PD.3588	C	6 A (CWC)	7.47Y	124.5	0.00	0.52	2.05	1	15	4	97	0.00	0.0	0.391	0.040	7	2	1	3
PL.25488	PL.25616	C	6 A (CWC)	7.47Y	124.5	0.00	0.52	1.06	1	8	2	97	0.00	0.0	0.453	0.062	1	0	1	2
PL.25009	PL.25488	C	6 A (CWC)	7.47Y	124.5	0.00	0.52	0.91	1	7	2	96	0.00	0.0	0.549	0.096	7	2	1	1
PL.28493	Rice Station	ABC	336 MCM AC	7.50Y	125.0	0.01	0.01	171.98	33	3726	1045	96	0.20	0.0	0.008	0.008	0	0	0	839
PL.33030	PL.28493	ABC	336 MCM AC	7.50Y	125.0	0.00	0.01	171.98	33	3726	1045	96	0.04	0.0	0.010	0.002	0	0	0	839
---------- Feeder No. 3 (Winston F3) Beginning with Device PD.4872 ----------																				
PD.4872	PL.33030	ABC	380VWE	7.50Y	125.0	0.00	0.01	171.98	0	3725	1044	96	0.00	0.0	0.010	0.002	0	0	0	839
PL.33031	PD.4872	ABC	336 MCM AC	7.49Y	124.9	0.11	0.12	171.98	33	3725	1044	96	2.17	0.1	0.097	0.087	0	0	0	839
PL.28011	PL.33031	B	6 A (CWC)	7.49Y	124.8	0.06	0.18	22.50	16	163	41	97	0.07	0.0	0.153	0.056	0	0	1	47
PL.28012	PL.28011	B	6 A (CWC)	7.49Y	124.8	0.00	0.19	22.50	16	163	41	97	0.01	0.0	0.157	0.004	0	0	0	46
PD.3875	PL.28012	B	40T	7.49Y	124.8	0.00	0.19	22.50	0	163	41	97	0.00	0.0	0.157	0.004	0	0	0	46
PL.28292	PD.3875	B	6 A (CWC)	7.48Y	124.7	0.07	0.25	20.80	15	151	38	97	0.08	0.1	0.232	0.075	8	2	3	45
PL.28549	PL.28292	B	6 A (CWC)	7.48Y	124.7	0.04	0.30	19.22	14	139	35	97	0.04	0.0	0.286	0.054	20	5	5	40
PL.28550	PL.28549	B	6 A (CWC)	7.48Y	124.7	0.04	0.34	16.43	12	119	30	97	0.03	0.0	0.340	0.054	12	3	3	35
PL.28548	PL.28550	B	6 A (CWC)	7.48Y	124.6	0.05	0.39	14.70	10	107	27	97	0.04	0.0	0.427	0.086	16	4	3	31
PL.28551	PL.28548	B	6 A (CWC)	7.48Y	124.6	0.03	0.42	12.44	9	90	23	97	0.02	0.0	0.473	0.046	1	0	1	28
PL.28552	PL.28551	B	6 A (CWC)	7.47Y	124.6	0.03	0.45	12.36	9	90	23	97	0.02	0.0	0.535	0.063	6	2	1	27
PL.28547	PL.28552	B	6 A (CWC)	7.47Y	124.5	0.02	0.47	11.52	8	84	21	97	0.01	0.0	0.569	0.033	20	5	4	26
PL.28545	PL.28547	B	6 A (CWC)	7.47Y	124.5	0.04	0.51	6.75	5	49	12	97	0.01	0.0	0.741	0.172	17	4	2	14
PL.28546	PL.28545	B	6 A (CWC)	7.47Y	124.5	0.01	0.52	4.34	3	31	8	97	0.00	0.0	0.791	0.050	7	2	3	12
PL.28019	PL.28546	B	6 A (CWC)	7.47Y	124.5	0.00	0.52	1.45	1	11	3	96	0.00	0.0	0.855	0.064	11	3	6	6
PL.28016	PL.28546	B	6 A (CWC)	7.47Y	124.5	0.01	0.53	1.93	1	14	4	96	0.00	0.0	0.894	0.103	4	1	2	3

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

Balanced Voltage Drop Report
Source: Rice Station

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.28020	PL.28016	B	#4 ACSR	7.47Y	124.5	0.00	0.53	1.36	1	10	2	98	0.00	0.0	0.934	0.040	10	2	1	1
PL.28017	PL.28547	B	#4 ACSR	7.47Y	124.5	0.01	0.47	2.07	2	15	4	97	0.00	0.0	0.641	0.072	6	1	4	8
PL.28018	PL.28017	B	6 A (CWC)	7.47Y	124.5	0.00	0.47	0.02	0	0	0	100	0.00	0.0	0.785	0.144	0	0	1	1
PL.28299	PL.28017	B	#4 ACSR	7.47Y	124.5	0.00	0.47	1.26	1	9	2	98	0.00	0.0	0.717	0.076	9	2	3	3
PL.28015	PL.28550	B	#4 ACSR	7.48Y	124.7	0.00	0.34	0.04	0	0	0	100	0.00	0.0	0.381	0.041	0	0	1	1
PL.28014	PL.28292	B	#4 ACSR	7.48Y	124.7	0.00	0.26	0.49	0	4	1	97	0.00	0.0	0.255	0.023	4	1	2	2
PL.28013	PD.3875	B	6 A (CWC)	7.49Y	124.8	0.00	0.19	1.70	1	12	3	97	0.00	0.0	0.170	0.013	12	3	1	1
PL.28298	PL.33031	ABC	336 MCM AC	7.48Y	124.7	0.13	0.26	164.48	32	3560	998	96	2.46	0.1	0.205	0.108	0	0	0	792
PL.28429	PL.28298	ABC	336 MCM AC	7.48Y	124.6	0.15	0.41	164.48	32	3557	993	96	2.81	0.1	0.328	0.123	0	0	0	792
PL.28430	PL.28429	ABC	336 MCM AC	7.47Y	124.4	0.17	0.58	164.48	32	3555	986	96	3.20	0.1	0.468	0.140	0	0	0	792
PL.28431	PL.28430	ABC	336 MCM AC	7.46Y	124.3	0.14	0.72	164.48	32	3551	979	96	2.59	0.1	0.582	0.114	0	0	0	792
PL.28432	PL.28431	ABC	336 MCM AC	7.45Y	124.1	0.14	0.85	164.48	32	3549	972	96	2.53	0.1	0.693	0.111	5	1	1	792
PL.28853	PL.28432	A	#4 ACSR	7.45Y	124.1	0.00	0.85	0.49	0	4	1	97	0.00	0.0	0.698	0.005	0	0	0	1
PD.3886	PL.28853	A	65T	7.45Y	124.1	0.00	0.85	0.49	0	4	1	97	0.00	0.0	0.698	0.005	0	0	0	1
PL.28854	PD.3886	A	#4 ACSR	7.45Y	124.1	0.00	0.85	0.49	0	4	1	97	0.00	0.0	0.736	0.039	4	1	1	1
PL.28589	PL.28432	ABC	336 MCM AC	7.44Y	124.1	0.07	0.92	164.11	32	3538	965	96	1.33	0.0	0.752	0.059	6	2	1	790
PL.28590	PL.28589	ABC	336 MCM AC	7.44Y	124.0	0.09	1.01	163.81	32	3530	960	96	1.68	0.0	0.826	0.074	4	1	1	789
PL.28300	PL.28590	ABC	336 MCM AC	7.43Y	123.8	0.15	1.16	162.11	31	3492	947	97	2.72	0.1	0.949	0.123	2	1	2	780
PL.28025	PL.28300	ABC	336 MCM AC	7.43Y	123.8	0.06	1.22	131.95	25	2837	778	96	0.84	0.0	1.007	0.057	0	0	0	649
PL.28897	PL.28025	C	#4 ACSR	7.43Y	123.8	0.00	1.22	1.53	1	11	3	96	0.00	0.0	1.011	0.005	0	0	0	1
PD.3910	PL.28897	C	10T	7.43Y	123.8	0.00	1.22	1.53	0	11	3	96	0.00	0.0	1.011	0.005	0	0	0	1
PL.28898	PD.3910	C	#4 ACSR	7.43Y	123.8	0.00	1.22	1.53	1	11	3	96	0.00	0.0	1.061	0.050	11	3	1	1
PL.28048	PL.28025	ABC	336 MCM AC	7.42Y	123.7	0.11	1.32	131.44	25	2825	773	96	1.63	0.1	1.119	0.112	3	1	1	648
PL.28310	PL.28048	ABC	336 MCM AC	7.42Y	123.6	0.09	1.41	130.39	25	2801	763	96	1.34	0.0	1.212	0.094	6	1	1	645
PL.28893	PL.28310	A	#2 ACSR	7.42Y	123.6	0.00	1.41	1.02	1	7	2	96	0.00	0.0	1.216	0.004	0	0	0	2
PD.3908	PL.28893	A	65T	7.42Y	123.6	0.00	1.41	1.02	0	7	2	96	0.00	0.0	1.216	0.004	0	0	0	2
PL.28894	PD.3908	A	#2 ACSR	7.41Y	123.6	0.00	1.42	1.02	1	7	2	96	0.00	0.0	1.343	0.127	3	1	1	2
PL.28619	PL.28894	A	#2 ACSR	7.41Y	123.6	0.00	1.42	0.55	0	4	1	97	0.00	0.0	1.450	0.107	4	1	1	1
PL.28620	PL.28310	ABC	336 MCM AC	7.41Y	123.5	0.05	1.47	129.79	25	2786	757	97	0.79	0.0	1.268	0.056	1	0	1	642
PL.28621	PL.28620	ABC	336 MCM AC	7.41Y	123.5	0.06	1.52	129.74	25	2784	755	97	0.83	0.0	1.327	0.059	0	0	1	641
PL.28618	PL.28621	ABC	336 MCM AC	7.41Y	123.5	0.02	1.54	129.74	25	2784	753	97	0.26	0.0	1.345	0.018	0	0	0	640

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Balanced Voltage Drop Report
Source: Rice Station

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.28891	PL.28618	A	#2 ACSR	7.41Y	123.5	0.00	1.54	0.19	0	1	0	100	0.00	0.0	1.350	0.005	0	0	0	1
PD.3907	PL.28891	A	65T	7.41Y	123.5	0.00	1.54	0.19	0	1	0	100	0.00	0.0	1.350	0.005	0	0	0	1
PL.28892	PD.3907	A	#2 ACSR	7.41Y	123.5	0.00	1.54	0.19	0	1	0	100	0.00	0.0	1.410	0.060	1	0	1	1
PL.28049	PL.28618	ABC	336 MCM AC	7.41Y	123.5	0.01	1.55	129.67	25	2782	752	97	0.12	0.0	1.353	0.008	0	0	0	639
PL.28311	PL.28049	ABC	336 MCM AC	7.40Y	123.3	0.15	1.70	128.59	25	2758	746	97	2.19	0.1	1.510	0.157	0	0	0	633
PL.28053	PL.28311	ABC	#1/0 ACSR	7.40Y	123.3	0.02	1.72	73.21	32	1568	425	97	0.27	0.0	1.529	0.019	0	0	0	360
PL.29115	PL.28053	ABC	#1/0 ACSR	7.39Y	123.2	0.07	1.79	73.19	32	1568	424	97	0.75	0.0	1.582	0.052	0	0	0	359
PL.29116	PL.29115	ABC	#1/0 ACSR	7.39Y	123.2	0.05	1.84	73.19	32	1567	424	97	0.55	0.0	1.620	0.038	0	0	0	359
PL.29067	PL.29116	C	#2 ACSR	7.39Y	123.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	1.624	0.004	0	0	0	1
PD.3976	PL.29067	C	30T	7.39Y	123.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	1.624	0.004	0	0	0	1
PL.29068	PD.3976	C	#2 ACSR	7.39Y	123.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	1.644	0.020	0	0	1	1
PL.28881	PL.29116	A	#2 ACSR	7.39Y	123.2	0.00	1.84	0.71	0	5	1	98	0.00	0.0	1.624	0.004	0	0	0	2
PD.3901	PL.28881	A	30T	7.39Y	123.2	0.00	1.84	0.71	0	5	1	98	0.00	0.0	1.624	0.004	0	0	0	2
PL.28882	PD.3901	A	#2 ACSR	7.39Y	123.2	0.00	1.84	0.71	0	5	1	98	0.00	0.0	1.650	0.026	5	1	2	2
PL.28348	PL.29116	ABC	#1/0 ACSR	7.38Y	123.1	0.08	1.92	72.95	32	1561	422	97	0.83	0.1	1.679	0.059	0	0	0	356
PL.28879	PL.28348	C	#1/0 ACSR	7.38Y	123.1	0.00	1.92	0.73	0	5	1	98	0.00	0.0	1.683	0.005	0	0	0	1
PD.3900	PL.28879	C	30T	7.38Y	123.1	0.00	1.92	0.73	0	5	1	98	0.00	0.0	1.683	0.005	0	0	0	1
PL.28880	PD.3900	C	#1/0 ACSR	7.38Y	123.1	0.00	1.92	0.73	0	5	1	98	0.00	0.0	1.694	0.011	5	1	1	1
PL.28349	PL.28348	ABC	#1/0 ACSR	7.37Y	122.9	0.17	2.09	72.71	32	1555	420	97	1.84	0.1	1.809	0.131	4	1	1	355
PL.28877	PL.28349	C	#4 ACSR	7.37Y	122.9	0.00	2.09	0.38	0	3	1	95	0.00	0.0	1.814	0.005	0	0	0	2
PD.3899	PL.28877	C	30T	7.37Y	122.9	0.00	2.09	0.38	0	3	1	95	0.00	0.0	1.814	0.005	0	0	0	2
PL.28878	PD.3899	C	#4 ACSR	7.37Y	122.9	0.00	2.09	0.38	0	3	1	95	0.00	0.0	1.882	0.068	3	1	2	2
PL.28350	PL.28349	ABC	#1/0 ACSR	7.36Y	122.7	0.16	2.25	72.40	31	1547	416	97	1.73	0.1	1.933	0.124	0	0	0	352
PL.28499	PL.28350	ABC	#1/0 ACSR	7.36Y	122.7	0.09	2.34	72.40	31	1545	415	97	0.95	0.1	2.001	0.068	0	0	0	352
PL.28875	PL.28499	C	#2 ACSR	7.36Y	122.7	0.00	2.34	0.45	0	3	1	95	0.00	0.0	2.006	0.005	0	0	0	1
PD.3898	PL.28875	C	30T	7.36Y	122.7	0.00	2.34	0.45	0	3	1	95	0.00	0.0	2.006	0.005	0	0	0	1
PL.28876	PD.3898	C	#2 ACSR	7.36Y	122.7	0.00	2.34	0.45	0	3	1	95	0.00	0.0	2.020	0.014	3	1	1	1
PL.28500	PL.28499	ABC	#1/0 ACSR	7.35Y	122.5	0.14	2.48	72.25	31	1541	413	97	1.47	0.1	2.107	0.106	0	0	0	351
PL.28502	PL.28500	ABC	#1/0 ACSR	7.34Y	122.3	0.19	2.67	71.92	31	1532	410	97	2.08	0.1	2.258	0.151	0	0	0	348
PL.28873	PL.28502	C	#2 ACSR	7.34Y	122.3	0.00	2.67	2.13	1	15	4	97	0.00	0.0	2.263	0.005	0	0	0	2
PD.3897	PL.28873	C	30T	7.34Y	122.3	0.00	2.67	2.13	0	15	4	97	0.00	0.0	2.263	0.005	0	0	0	2

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Balanced Voltage Drop Report
Source: Rice Station

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.28874	PD.3897	C	#2 ACSR	7.34Y	122.3	0.00	2.67	2.13	1	15	4	97	0.00	0.0	2.295	0.033	15	4	2	2
PL.28503	PL.28502	ABC	#1/0 ACSR	7.34Y	122.3	0.06	2.73	71.21	31	1515	404	97	0.63	0.0	2.305	0.047	0	0	0	346
PL.28355	PL.28503	ABC	#1/0 ACSR	7.33Y	122.2	0.09	2.82	65.27	28	1388	371	97	0.85	0.1	2.380	0.075	0	0	0	316
PL.28356	PL.28355	ABC	#1/0 ACSR	7.33Y	122.1	0.09	2.90	64.14	28	1363	364	97	0.81	0.1	2.454	0.074	0	0	0	311
PL.29069	PL.28356	C	#2 ACSR	7.33Y	122.1	0.00	2.91	2.59	1	18	5	96	0.00	0.0	2.458	0.004	0	0	0	3
PD.3977	PL.29069	C	30T	7.33Y	122.1	0.00	2.91	2.59	0	18	5	96	0.00	0.0	2.458	0.004	0	0	0	3
PL.29070	PD.3977	C	#2 ACSR	7.33Y	122.1	0.00	2.91	2.59	1	18	5	96	0.00	0.0	2.490	0.032	2	0	1	3
PL.28609	PL.29070	C	#2 ACSR	7.33Y	122.1	0.01	2.91	2.33	1	17	4	97	0.00	0.0	2.577	0.087	7	2	1	2
PL.28867	PL.28609	C	#1/0 ACSR	7.33Y	122.1	0.00	2.91	1.39	1	10	2	98	0.00	0.0	2.582	0.005	0	0	0	1
PD.3894	PL.28867	C	T	7.33Y	122.1	0.00	2.91	1.39	0	10	2	98	0.00	0.0	2.582	0.005	0	0	0	1
PL.28868	PD.3894	C	#1/0 ACSR	7.33Y	122.1	0.00	2.91	1.39	1	10	2	98	0.00	0.0	2.621	0.040	0	0	0	1
PL.28069	PL.28868	C	#1/0 ACSR	7.33Y	122.1	0.00	2.91	1.39	1	10	2	98	0.00	0.0	2.660	0.039	10	2	1	1
PL.28865	PL.28356	A	#4 ACSR	7.33Y	122.1	0.00	2.91	3.45	3	25	6	97	0.00	0.0	2.458	0.004	0	0	0	4
PD.3893	PL.28865	A	30T	7.33Y	122.1	0.00	2.91	3.45	0	25	6	97	0.00	0.0	2.458	0.004	0	0	0	4
PL.28866	PD.3893	A	#4 ACSR	7.33Y	122.1	0.00	2.91	3.45	3	25	6	97	0.00	0.0	2.487	0.030	25	6	4	4
PL.28357	PL.28356	ABC	#1/0 ACSR	7.32Y	122.0	0.09	2.99	62.13	27	1319	353	97	0.82	0.1	2.534	0.080	0	0	0	304
PL.29071	PL.28357	A	#2 ACSR	7.32Y	122.0	0.00	2.99	0.49	0	3	1	95	0.00	0.0	2.538	0.005	0	0	0	1
PD.3978	PL.29071	A	30T	7.32Y	122.0	0.00	2.99	0.49	0	3	1	95	0.00	0.0	2.538	0.005	0	0	0	1
PL.29072	PD.3978	A	#2 ACSR	7.32Y	122.0	0.00	2.99	0.49	0	3	1	95	0.00	0.0	2.553	0.015	3	1	1	1
PL.28068	PL.29072	A	#4 ACSR	7.32Y	122.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	2.587	0.034	0	0	0	0
PL.28606	PL.28068	A	#4 ACSR	7.32Y	122.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	2.677	0.090	0	0	0	0
PL.28607	PL.28606	A	#4 ACSR	7.32Y	122.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	2.709	0.032	0	0	0	0
PL.28604	PL.28357	ABC	#1/0 ACSR	7.31Y	121.9	0.10	3.09	60.97	27	1293	346	97	0.89	0.1	2.624	0.091	10	2	2	300
PL.28605	PL.28604	ABC	#1/0 ACSR	7.31Y	121.9	0.04	3.14	60.52	26	1283	343	97	0.38	0.0	2.663	0.039	0	0	1	298
PL.28599	PL.28605	ABC	#1/0 ACSR	7.31Y	121.8	0.04	3.17	58.16	25	1232	330	97	0.30	0.0	2.697	0.034	3	1	1	289
PL.28600	PL.28599	ABC	#1/0 ACSR	7.31Y	121.8	0.04	3.21	58.00	25	1229	329	97	0.37	0.0	2.739	0.042	1	0	1	288
PL.28598	PL.28600	ABC	#1/0 ACSR	7.30Y	121.7	0.07	3.29	57.96	25	1227	328	97	0.63	0.1	2.810	0.071	19	5	3	287
PL.28597	PL.28598	ABC	#1/0 ACSR	7.30Y	121.6	0.07	3.35	57.06	25	1208	323	97	0.55	0.0	2.874	0.064	6	1	3	284
PL.28504	PL.28597	ABC	#1/0 ACSR	7.30Y	121.6	0.04	3.39	55.72	24	1179	315	97	0.32	0.0	2.913	0.039	0	0	0	276
PL.28073	PL.28504	ABC	#1/0 ACSR	7.29Y	121.5	0.14	3.53	55.72	24	1178	315	97	1.12	0.1	3.048	0.135	0	0	0	276
PL.28921	PL.28073	A	#1/0 ACSR	7.29Y	121.5	0.00	3.53	0.82	0	6	1	99	0.00	0.0	3.052	0.005	0	0	0	1

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Balanced Voltage Drop Report
Source: Rice Station

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.3923	PL.28921	A	30T	7.29Y	121.5	0.00	3.53	0.82	0	6	1	99	0.00	0.0	3.052	0.005	0	0	0	1	
PL.28922	PD.3923	A	#1/0 ACSR	7.29Y	121.5	0.00	3.53	0.82	0	6	1	99	0.00	0.0	3.079	0.027	6	1	1	1	
PL.66161	PL.28073	ABC	#1/0 ACSR	7.29Y	121.4	0.05	3.58	55.24	24	1167	311	97	0.41	0.0	3.098	0.051	0	0	0	274	
C PD.9998	PL.66161	ABC	70L	7.29Y	121.4	0.00	3.58	55.24	79	1167	311	97	0.00	0.0	3.098	0.051	0	0	0	274	C
PL.66162	PD.9998	ABC	#1/0 ACSR	7.28Y	121.3	0.08	3.66	55.24	24	1167	311	97	0.68	0.1	3.182	0.083	0	0	0	274	
PL.28919	PL.66162	C	#1/0 ACSR	7.28Y	121.3	0.00	3.66	0.84	0	6	1	99	0.00	0.0	3.186	0.004	0	0	0	1	
PD.3922	PL.28919	C	30T	7.28Y	121.3	0.00	3.66	0.84	0	6	1	99	0.00	0.0	3.186	0.004	0	0	0	1	
PL.28920	PD.3922	C	#1/0 ACSR	7.28Y	121.3	0.00	3.66	0.84	0	6	1	99	0.00	0.0	3.242	0.056	6	1	1	1	
PL.28360	PL.66162	ABC	#1/0 ACSR	7.28Y	121.3	0.03	3.69	54.96	24	1160	309	97	0.26	0.0	3.214	0.032	0	0	0	273	
PL.28361	PL.28360	ABC	#1/0 ACSR	7.27Y	121.2	0.07	3.76	54.37	24	1147	305	97	0.58	0.1	3.288	0.073	0	0	0	271	
PL.28362	PL.28361	ABC	#1/0 ACSR	7.27Y	121.2	0.08	3.85	54.18	24	1143	304	97	0.66	0.1	3.372	0.085	0	0	1	269	
PL.28913	PL.28362	A	6 A (CWC)	7.27Y	121.2	0.00	3.85	2.57	2	18	5	96	0.00	0.0	3.376	0.004	0	0	0	3	
PD.3919	PL.28913	A	30T	7.27Y	121.2	0.00	3.85	2.57	0	18	5	96	0.00	0.0	3.376	0.004	0	0	0	3	
PL.28914	PD.3919	A	6 A (CWC)	7.27Y	121.1	0.01	3.85	2.57	2	18	5	96	0.00	0.0	3.445	0.069	0	0	0	3	
PL.28076	PL.28914	A	#1/0 ACSR	7.27Y	121.1	0.00	3.86	1.41	1	10	2	98	0.00	0.0	3.596	0.151	10	2	1	1	
PL.28077	PL.28914	A	#4 ACSR	7.27Y	121.1	0.00	3.85	0.34	0	2	1	89	0.00	0.0	3.495	0.050	2	1	1	1	
PL.28075	PL.28914	A	6 A (CWC)	7.27Y	121.1	0.00	3.86	0.82	1	6	1	99	0.00	0.0	3.525	0.080	6	1	1	1	
PL.28363	PL.28362	ABC	#1/0 ACSR	7.26Y	121.1	0.10	3.95	53.32	23	1124	299	97	0.81	0.1	3.479	0.107	0	0	0	265	
PL.28646	PL.28363	ABC	#1/0 ACSR	7.26Y	120.9	0.12	4.06	53.32	23	1123	298	97	0.91	0.1	3.600	0.121	7	2	1	265	
PL.28647	PL.28646	ABC	#1/0 ACSR	7.25Y	120.8	0.13	4.19	53.01	23	1116	295	97	1.01	0.1	3.736	0.135	0	0	0	264	
PL.28644	PL.28647	ABC	#1/0 ACSR	7.25Y	120.8	0.06	4.25	53.01	23	1115	294	97	0.46	0.0	3.797	0.062	7	2	1	264	
PL.28645	PL.28644	ABC	#1/0 ACSR	7.23Y	120.6	0.18	4.43	52.68	23	1107	292	97	1.39	0.1	3.985	0.188	0	0	0	263	
PL.28643	PL.28645	ABC	#1/0 ACSR	7.23Y	120.5	0.06	4.48	52.68	23	1106	291	97	0.45	0.0	4.046	0.061	6	1	1	263	
PL.29107	PL.28643	C	6 A (CWC)	7.23Y	120.5	0.01	4.49	10.40	7	73	18	97	0.01	0.0	4.066	0.020	0	0	0	14	
PD.3997	PL.29107	C	35L	7.23Y	120.5	0.00	4.49	10.40	30	73	18	97	0.00	0.0	4.066	0.020	0	0	0	14	
PL.29108	PD.3997	C	6 A (CWC)	7.23Y	120.5	0.05	4.54	10.40	7	73	18	97	0.03	0.0	4.166	0.099	1	0	1	14	
PL.28642	PL.29108	C	6 A (CWC)	7.23Y	120.4	0.04	4.58	10.33	7	72	18	97	0.02	0.0	4.245	0.080	0	0	0	13	
PL.28640	PL.28642	C	6 A (CWC)	7.22Y	120.4	0.05	4.63	10.33	7	72	18	97	0.03	0.0	4.355	0.110	4	1	1	13	
PL.28641	PL.28640	C	6 A (CWC)	7.22Y	120.4	0.02	4.64	9.77	7	68	17	97	0.01	0.0	4.390	0.035	3	1	1	12	
PL.28634	PL.28641	C	6 A (CWC)	7.22Y	120.3	0.03	4.67	5.60	4	39	10	97	0.01	0.0	4.499	0.109	8	2	1	7	
PL.28635	PL.28634	C	6 A (CWC)	7.22Y	120.3	0.01	4.68	4.53	3	32	8	97	0.00	0.0	4.551	0.052	9	2	2	6	

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Balanced Voltage Drop Report
Source: Rice Station

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.28633	PL.28635	C	6 A (CWC)	7.22Y	120.3	0.00	4.68	3.21	2	22	6	96	0.00	0.0	4.574	0.023	0	0	1	4
PL.28632	PL.28633	C	6 A (CWC)	7.22Y	120.3	0.01	4.69	3.20	2	22	6	96	0.00	0.0	4.646	0.072	7	2	1	3
PL.28631	PL.28632	C	6 A (CWC)	7.22Y	120.3	0.00	4.69	2.15	2	15	4	97	0.00	0.0	4.680	0.034	0	0	0	2
PL.28427	PL.28631	C	#4 ACSR	7.22Y	120.3	0.00	4.70	1.59	1	11	3	96	0.00	0.0	4.745	0.065	11	3	1	1
PL.28365	PL.28631	C	6 A (CWC)	7.22Y	120.3	0.00	4.70	0.56	0	4	1	97	0.00	0.0	4.833	0.153	4	1	1	1
PL.28638	PL.28641	C	6 A (CWC)	7.22Y	120.3	0.01	4.66	3.81	3	27	7	97	0.00	0.0	4.476	0.086	6	2	1	4
PL.28639	PL.28638	C	6 A (CWC)	7.22Y	120.3	0.00	4.66	2.91	2	20	5	97	0.00	0.0	4.511	0.035	8	2	1	3
PL.28636	PL.28639	C	#1/0 ACSR	7.22Y	120.3	0.00	4.66	1.74	1	12	3	97	0.00	0.0	4.555	0.045	5	1	1	2
PL.28637	PL.28636	C	#1/0 ACSR	7.22Y	120.3	0.00	4.66	0.98	0	7	2	96	0.00	0.0	4.632	0.077	7	2	1	1
PL.28364	PL.28643	ABC	#1/0 ACSR	7.23Y	120.5	0.06	4.54	48.95	21	1027	271	97	0.43	0.0	4.113	0.067	0	0	0	248
PL.28911	PL.28364	B	#1/0 ACSR	7.23Y	120.5	0.00	4.54	0.81	0	6	1	99	0.00	0.0	4.117	0.004	0	0	0	1
PD.3918	PL.28911	B	30T	7.23Y	120.5	0.00	4.54	0.81	0	6	1	99	0.00	0.0	4.117	0.004	0	0	0	1
PL.28912	PD.3918	B	#1/0 ACSR	7.23Y	120.5	0.00	4.54	0.81	0	6	1	99	0.00	0.0	4.211	0.094	6	1	1	1
PL.28629	PL.28364	ABC	#1/0 ACSR	7.23Y	120.4	0.02	4.57	48.68	21	1021	269	97	0.18	0.0	4.141	0.028	2	0	1	247
PL.28630	PL.28629	ABC	#1/0 ACSR	7.22Y	120.3	0.11	4.68	48.60	21	1019	268	97	0.79	0.1	4.267	0.126	3	1	1	246
PL.28628	PL.28630	ABC	#1/0 ACSR	7.22Y	120.3	0.04	4.72	48.48	21	1015	267	97	0.30	0.0	4.315	0.048	0	0	0	245
PL.28511	PL.28628	ABC	#1/0 ACSR	7.21Y	120.2	0.11	4.83	44.52	19	932	246	97	0.73	0.1	4.454	0.139	0	0	0	227
PL.28512	PL.28511	ABC	#1/0 ACSR	7.21Y	120.2	0.00	4.83	44.52	19	931	245	97	0.02	0.0	4.458	0.004	4	1	1	227
PL.28624	PL.28512	ABC	#1/0 ACSR	7.21Y	120.1	0.07	4.91	43.42	19	908	239	97	0.47	0.1	4.551	0.094	6	2	1	222
PL.28625	PL.28624	ABC	#1/0 ACSR	7.20Y	120.0	0.06	4.97	43.12	19	901	237	97	0.39	0.0	4.631	0.080	6	2	1	221
PL.28907	PL.28625	C	6 A (CWC)	7.20Y	120.0	0.00	4.97	0.07	0	1	0	100	0.00	0.0	4.635	0.004	0	0	0	2
PD.3915	PL.28907	C	30T	7.20Y	120.0	0.00	4.97	0.07	0	1	0	100	0.00	0.0	4.635	0.004	0	0	0	2
PL.28908	PD.3915	C	6 A (CWC)	7.20Y	120.0	0.00	4.97	0.07	0	1	0	100	0.00	0.0	4.759	0.124	0	0	1	2
PL.28081	PL.28908	C	6 A (CWC)	7.20Y	120.0	0.00	4.97	0.06	0	0	0	100	0.00	0.0	4.858	0.099	0	0	1	1
PL.28368	PL.28625	ABC	#1/0 ACSR	7.19Y	119.9	0.13	5.10	42.80	19	894	235	97	0.83	0.1	4.801	0.170	0	0	0	218
PL.28369	PL.28368	ABC	#1/0 ACSR	7.19Y	119.8	0.14	5.23	42.40	18	885	232	97	0.86	0.1	4.980	0.179	0	0	0	217
PL.29083	PL.28369	A	#2 ACSR	7.19Y	119.8	0.00	5.23	1.80	1	13	3	97	0.00	0.0	4.985	0.005	0	0	0	3
PD.3984	PL.29083	A	30T	7.19Y	119.8	0.00	5.23	1.80	0	13	3	97	0.00	0.0	4.985	0.005	0	0	0	3
PL.29084	PD.3984	A	#2 ACSR	7.19Y	119.8	0.00	5.23	1.80	1	13	3	97	0.00	0.0	4.999	0.014	2	1	1	3
PL.28622	PL.29084	A	#2 ACSR	7.19Y	119.8	0.00	5.23	1.50	1	10	3	96	0.00	0.0	5.027	0.028	10	3	2	2
PL.28903	PL.28369	C	#2 ACSR	7.19Y	119.8	0.00	5.23	0.38	0	3	1	95	0.00	0.0	4.985	0.005	0	0	0	3

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Balanced Voltage Drop Report
Source: Rice Station

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.3913	PL.28903	C	30T	7.19Y	119.8	0.00	5.23	0.38	0	3	1	95	0.00	0.0	4.985	0.005	0	0	0	3
PL.28904	PD.3913	C	#2 ACSR	7.19Y	119.8	0.00	5.23	0.38	0	3	1	95	0.00	0.0	5.052	0.067	1	0	1	3
PL.28623	PL.28904	C	#2 ACSR	7.19Y	119.8	0.00	5.23	0.30	0	2	1	89	0.00	0.0	5.114	0.062	2	1	2	2
PL.28396	PL.28369	ABC	#1/0 ACSR	7.18Y	119.7	0.07	5.30	41.67	18	869	227	97	0.43	0.0	5.073	0.093	0	0	0	211
PL.28901	PL.28396	A	#1/0 ACSR	7.18Y	119.7	0.00	5.30	2.77	1	19	5	97	0.00	0.0	5.077	0.004	0	0	0	4
PD.3912	PL.28901	A	30T	7.18Y	119.7	0.00	5.30	2.77	0	19	5	97	0.00	0.0	5.077	0.004	0	0	0	4
PL.28902	PD.3912	A	#1/0 ACSR	7.18Y	119.7	0.00	5.30	2.77	1	19	5	97	0.00	0.0	5.096	0.019	3	1	1	4
PL.28515	PL.28902	A	#4 ACSR	7.18Y	119.7	0.00	5.31	2.36	2	16	4	97	0.00	0.0	5.114	0.018	0	0	0	3
PL.28082	PL.28515	A	#4 ACSR	7.18Y	119.7	0.00	5.31	1.61	1	11	3	96	0.00	0.0	5.199	0.085	11	3	2	2
PL.28516	PL.28515	A	#4 ACSR	7.18Y	119.7	0.00	5.31	0.75	1	5	1	98	0.00	0.0	5.133	0.019	5	1	1	1
PL.29127	PL.28396	ABC	#1/0 ACSR	7.18Y	119.7	0.04	5.35	40.75	18	849	222	97	0.26	0.0	5.132	0.059	0	0	0	207
PL.29128	PL.29127	ABC	#1/0 ACSR	7.18Y	119.6	0.04	5.38	40.75	18	849	222	97	0.24	0.0	5.186	0.054	1	0	1	207
PL.28083	PL.29128	ABC	#1/0 ACSR	7.17Y	119.6	0.04	5.43	23.67	10	493	130	97	0.15	0.0	5.288	0.103	0	0	0	140
PL.28094	PL.28083	ABC	#1/0 ACSR	7.17Y	119.5	0.03	5.46	23.67	10	493	130	97	0.11	0.0	5.361	0.073	0	0	0	140
PL.28095	PL.28094	ABC	#1/0 ACSR	7.17Y	119.5	0.04	5.50	21.47	9	447	118	97	0.13	0.0	5.464	0.103	0	0	0	124
PL.28121	PL.28095	ABC	#1/0 ACSR	7.17Y	119.5	0.02	5.52	21.47	9	446	118	97	0.07	0.0	5.517	0.053	0	0	0	124
PL.28945	PL.28121	A	#1/0 ACSR	7.17Y	119.5	0.00	5.52	0.57	0	4	1	97	0.00	0.0	5.522	0.005	0	0	0	2
PD.3936	PL.28945	A	30T	7.17Y	119.5	0.00	5.52	0.57	0	4	1	97	0.00	0.0	5.522	0.005	0	0	0	2
PL.28946	PD.3936	A	#1/0 ACSR	7.17Y	119.5	0.00	5.52	0.57	0	4	1	97	0.00	0.0	5.543	0.021	4	1	2	2
PL.28408	PL.28121	ABC	#1/0 ACSR	7.17Y	119.5	0.02	5.54	21.28	9	442	117	97	0.05	0.0	5.560	0.043	0	0	0	122
PL.28409	PL.28408	ABC	#1/0 ACSR	7.17Y	119.4	0.04	5.58	20.54	9	427	113	97	0.13	0.0	5.674	0.114	0	0	0	120
PL.28452	PL.28409	ABC	#1/0 ACSR	7.16Y	119.4	0.04	5.61	20.54	9	427	113	97	0.11	0.0	5.772	0.098	0	0	0	120
PL.29087	PL.28452	ABC	#1/0 ACSR	7.16Y	119.4	0.02	5.63	20.54	9	427	113	97	0.05	0.0	5.818	0.046	0	0	0	120
PL.29088	PL.29087	ABC	#1/0 ACSR	7.16Y	119.4	0.00	5.63	20.54	9	427	113	97	0.00	0.0	5.821	0.004	0	0	0	120
PL.28410	PL.29088	ABC	#1/0 ACSR	7.16Y	119.3	0.04	5.67	19.70	9	409	109	97	0.12	0.0	5.942	0.121	0	0	0	113
PL.28517	PL.28410	ABC	#1/0 ACSR	7.16Y	119.3	0.03	5.70	19.70	9	409	108	97	0.09	0.0	6.027	0.085	0	0	0	113
PL.28518	PL.28517	ABC	#1/0 ACSR	7.16Y	119.3	0.01	5.72	19.54	8	406	107	97	0.04	0.0	6.068	0.041	0	0	0	112
PL.28126	PL.28518	ABC	#1/0 ACSR	7.16Y	119.3	0.01	5.73	3.16	1	66	16	97	0.00	0.0	6.203	0.134	0	0	0	22
PL.28454	PL.28126	ABC	#1/0 ACSR	7.16Y	119.3	0.01	5.74	3.16	1	66	16	97	0.00	0.0	6.387	0.185	0	0	0	22
PL.28455	PL.28454	ABC	#1/0 ACSR	7.16Y	119.3	0.01	5.74	3.16	1	66	16	97	0.00	0.0	6.502	0.115	0	0	0	22
PL.28529	PL.28455	ABC	#1/0 ACSR	7.16Y	119.3	0.00	5.75	3.16	1	66	16	97	0.00	0.0	6.584	0.083	0	0	0	22

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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.29093	PL.28529	C	#4 ACSR	7.16Y	119.3	0.00	5.75	0.00	0	0	0	100	0.00	0.0	6.588	0.004	0	0	0	0
PD.3988	PL.29093	C	30T	7.16Y	119.3	0.00	5.75	0.00	0	0	0	100	0.00	0.0	6.588	0.004	0	0	0	0
PL.29094	PD.3988	C	#4 ACSR	7.16Y	119.3	0.00	5.75	0.00	0	0	0	100	0.00	0.0	6.704	0.115	0	0	0	0
PL.28456	PL.29094	C	#4 ACSR	7.16Y	119.3	0.00	5.75	0.00	0	0	0	100	0.00	0.0	6.835	0.131	0	0	0	0
PL.28457	PL.28456	C	#4 ACSR	7.16Y	119.3	0.00	5.75	0.00	0	0	0	100	0.00	0.0	7.001	0.167	0	0	0	0
PL.28530	PL.28529	ABC	#1/0 ACSR	7.15Y	119.2	0.01	5.75	3.04	1	63	16	97	0.00	0.0	6.717	0.133	0	0	0	21
PL.28933	PL.28530	C	6 A (CWC)	7.15Y	119.2	0.00	5.76	9.12	7	63	16	97	0.00	0.0	6.721	0.004	0	0	0	21
PD.3930	PL.28933	C	30T	7.15Y	119.2	0.00	5.76	9.12	0	63	16	97	0.00	0.0	6.721	0.004	0	0	0	21
PL.28934	PD.3930	C	6 A (CWC)	7.15Y	119.2	0.04	5.79	9.12	7	63	16	97	0.02	0.0	6.808	0.087	0	0	0	21
PL.28531	PL.28934	C	6 A (CWC)	7.15Y	119.2	0.00	5.79	0.00	0	0	0	100	0.00	0.0	6.974	0.166	0	0	0	0
PL.28691	PL.28934	C	6 A (CWC)	7.15Y	119.2	0.04	5.83	9.12	7	63	16	97	0.02	0.0	6.906	0.098	1	0	1	21
PL.28692	PL.28691	C	6 A (CWC)	7.15Y	119.1	0.05	5.88	8.99	6	62	15	97	0.02	0.0	7.031	0.125	0	0	0	20
PL.28458	PL.28692	C	6 A (CWC)	7.15Y	119.1	0.03	5.91	8.99	6	62	15	97	0.01	0.0	7.096	0.064	0	0	0	20
PL.28149	PL.28458	C	6 A (CWC)	7.14Y	119.1	0.02	5.93	3.89	3	27	7	97	0.00	0.0	7.198	0.103	0	0	0	17
PL.28524	PL.28149	C	6 A (CWC)	7.14Y	119.1	0.02	5.95	3.89	3	27	7	97	0.00	0.0	7.320	0.121	0	0	0	17
PL.28151	PL.28524	C	#4 ACSR	7.14Y	119.0	0.00	5.95	0.40	0	3	1	95	0.00	0.0	7.490	0.170	3	1	1	1
PL.28525	PL.28524	C	6 A (CWC)	7.14Y	119.0	0.02	5.97	3.49	2	24	6	97	0.00	0.0	7.430	0.111	0	0	0	16
PL.28522	PL.28525	C	6 A (CWC)	7.14Y	119.0	0.01	5.98	3.29	2	23	6	97	0.00	0.0	7.517	0.087	5	1	1	15
PL.28153	PL.28522	C	#4 ACSR	7.14Y	119.0	0.00	5.98	0.01	0	0	0	100	0.00	0.0	7.556	0.039	0	0	1	1
PL.28523	PL.28522	C	6 A (CWC)	7.14Y	119.0	0.02	5.99	2.57	2	18	4	98	0.00	0.0	7.657	0.140	0	0	0	13
PL.28154	PL.28523	C	#1/0 ACSR	7.14Y	119.0	0.00	5.99	0.00	0	0	0	100	0.00	0.0	7.780	0.123	0	0	0	0
PL.28521	PL.28523	C	6 A (CWC)	7.14Y	119.0	0.01	6.00	2.57	2	18	4	98	0.00	0.0	7.719	0.063	2	0	1	13
PL.28519	PL.28521	C	#4 ACSR	7.14Y	119.0	0.00	6.01	2.32	2	16	4	97	0.00	0.0	7.757	0.037	0	0	0	12
PL.28520	PL.28519	C	#4 ACSR	7.14Y	119.0	0.00	6.01	0.83	1	6	1	99	0.00	0.0	7.827	0.071	6	1	1	1
PL.28155	PL.28519	C	6 A (CWC)	7.14Y	119.0	0.00	6.01	1.49	1	10	3	96	0.00	0.0	7.787	0.030	3	1	1	11
PL.28157	PL.28155	C	6 A (CWC)	7.14Y	119.0	0.00	6.01	0.99	1	7	2	96	0.00	0.0	7.850	0.063	2	0	2	10
PL.28526	PL.28157	C	#2 ACSR	7.14Y	119.0	0.00	6.01	0.74	0	5	1	98	0.00	0.0	7.953	0.103	0	0	0	8
PL.28527	PL.28526	C	#2 ACSR	7.14Y	119.0	0.00	6.01	0.47	0	3	1	95	0.00	0.0	7.993	0.040	0	0	1	6
PL.28159	PL.28527	C	#2 ACSR	7.14Y	119.0	0.00	6.01	0.47	0	3	1	95	0.00	0.0	8.045	0.052	3	1	5	5
PL.28158	PL.28526	C	#1/0 ACSR	7.14Y	119.0	0.00	6.01	0.26	0	2	0	100	0.00	0.0	7.980	0.027	2	0	2	2
PL.28152	PL.28525	C	#4 ACSR	7.14Y	119.0	0.00	5.97	0.21	0	1	0	100	0.00	0.0	7.540	0.110	1	0	1	1

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
PL.28150	PL.28458	C	#2 ACSR	7.14Y	119.1	0.01	5.92	5.10	3	35	9	97	0.00	0.0	7.156	0.061	0	0	0	3	
PL.28689	PL.28150	C	#2 ACSR	7.14Y	119.1	0.01	5.93	5.10	3	35	9	97	0.00	0.0	7.243	0.087	9	2	1	3	
PL.28690	PL.28689	C	#2 ACSR	7.14Y	119.1	0.01	5.94	3.76	2	26	6	97	0.00	0.0	7.345	0.102	0	0	0	2	
PL.28937	PL.28690	C	1/0 AL URD	7.14Y	119.1	0.00	5.94	3.76	2	26	6	97	0.00	0.0	7.349	0.004	0	0	0	2	
PD.3932	PL.28937	C	20T	7.14Y	119.1	0.00	5.94	3.76	0	26	6	97	0.00	0.0	7.349	0.004	0	0	0	2	
PL.28938	PD.3932	C	1/0 AL URD	7.14Y	119.1	0.00	5.95	3.76	2	26	6	97	0.00	0.0	7.379	0.030	17	4	1	2	
PL.28830	PL.28938	C	1/0 AL URD	7.14Y	119.1	0.00	5.95	1.30	1	9	2	98	0.00	0.0	7.409	0.030	9	2	1	1	
PL.28931	PL.28529	A	#4 ACSR	7.16Y	119.3	0.00	5.75	0.36	0	3	1	95	0.00	0.0	6.589	0.004	0	0	0	1	
PD.3929	PL.28931	A	30T	7.16Y	119.3	0.00	5.75	0.36	0	3	1	95	0.00	0.0	6.589	0.004	0	0	0	1	
PL.28932	PD.3929	A	#4 ACSR	7.16Y	119.3	0.00	5.75	0.36	0	3	1	95	0.00	0.0	6.616	0.028	3	1	1	1	
PL.28125	PL.28518	B	#1/0 ACSR	7.15Y	119.2	0.10	5.81	49.14	21	340	91	97	0.22	0.1	6.153	0.085	0	0	0	90	
PL.29091	PL.28125	B	#1/0 ACSR	7.15Y	119.2	0.00	5.81	0.86	0	6	1	99	0.00	0.0	6.157	0.004	0	0	0	7	
PD.3987	PL.29091	B	30T	7.15Y	119.2	0.00	5.81	0.86	0	6	1	99	0.00	0.0	6.157	0.004	0	0	0	7	
PL.29092	PD.3987	B	#1/0 ACSR	7.15Y	119.2	0.00	5.82	0.86	0	6	1	99	0.00	0.0	6.213	0.056	1	0	1	7	
PL.28127	PL.29092	B	6 A (CWC)	7.15Y	119.2	0.01	5.82	0.75	1	5	1	98	0.00	0.0	6.397	0.184	0	0	0	6	
PL.28528	PL.28127	B	6 A (CWC)	7.15Y	119.2	0.01	5.83	0.75	1	5	1	98	0.00	0.0	6.579	0.183	0	0	2	6	
PL.28146	PL.28528	B	#1/0 ACSR	7.15Y	119.2	0.00	5.83	0.12	0	1	0	100	0.00	0.0	6.655	0.076	1	0	1	1	
PL.28687	PL.28528	B	6 A (CWC)	7.15Y	119.2	0.00	5.83	0.61	0	4	1	97	0.00	0.0	6.703	0.124	0	0	0	3	
PL.28688	PL.28687	B	6 A (CWC)	7.15Y	119.2	0.00	5.83	0.61	0	4	1	97	0.00	0.0	6.759	0.056	0	0	1	3	
PL.28686	PL.28688	B	6 A (CWC)	7.15Y	119.2	0.00	5.84	0.61	0	4	1	97	0.00	0.0	6.873	0.114	0	0	1	2	
PL.28147	PL.28686	B	#2 ACSR	7.15Y	119.2	0.00	5.84	0.00	0	0	0	100	0.00	0.0	6.928	0.054	0	0	0	0	
PL.28148	PL.28686	B	#2 ACSR	7.15Y	119.2	0.00	5.84	0.61	0	4	1	97	0.00	0.0	6.966	0.093	4	1	1	1	
PL.29111	PL.28125	B	#1/0 ACSR	7.15Y	119.2	0.00	5.82	48.29	21	334	89	97	0.01	0.0	6.156	0.003	0	0	0	83	
C PD.3999	PL.29111	B	50L	7.15Y	119.2	0.00	5.82	48.29	97	334	89	97	0.00	0.0	6.156	0.003	0	0	0	83	C
PL.29112	PD.3999	B	#1/0 ACSR	7.14Y	119.0	0.19	6.01	48.29	21	334	89	97	0.43	0.1	6.327	0.171	0	0	0	83	
PL.28459	PL.29112	B	#1/0 ACSR	7.13Y	118.9	0.13	6.13	48.29	21	333	89	97	0.29	0.1	6.440	0.113	0	0	0	83	
PL.28460	PL.28459	B	#1/0 ACSR	7.13Y	118.8	0.07	6.21	48.29	21	333	88	97	0.17	0.1	6.507	0.066	0	0	0	83	
PL.28129	PL.28460	B	#2 ACSR	7.13Y	118.8	0.00	6.21	0.79	0	5	1	98	0.00	0.0	6.545	0.038	5	1	1	1	
PL.28128	PL.28460	B	#2 ACSR	7.13Y	118.8	0.00	6.21	1.08	1	7	2	96	0.00	0.0	6.607	0.101	7	2	1	1	
PL.28411	PL.28460	B	#1/0 ACSR	7.12Y	118.7	0.06	6.27	46.42	20	320	85	97	0.13	0.0	6.563	0.057	0	0	0	81	
PL.28131	PL.28411	B	#2 ACSR	7.12Y	118.7	0.00	6.27	0.60	0	4	1	97	0.00	0.0	6.583	0.020	4	1	2	2	

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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.28130	PL.28411	B	#1/0 ACSR	7.11Y	118.6	0.17	6.43	45.81	20	315	84	97	0.36	0.1	6.720	0.157	0	0	0	79	
	PL.28412	PL.28130	B	#1/0 ACSR	7.11Y	118.5	0.08	6.52	43.78	19	301	80	97	0.17	0.1	6.801	0.081	0	0	0	73	
	PL.28133	PL.28412	B	#1/0 ACSR	7.10Y	118.4	0.07	6.59	43.78	19	301	80	97	0.14	0.0	6.871	0.070	0	0	0	73	
	PL.28134	PL.28133	B	#1/0 ACSR	7.10Y	118.3	0.07	6.66	43.78	19	301	79	97	0.15	0.1	6.944	0.073	0	0	0	73	
	PL.28136	PL.28134	B	#1/0 ACSR	7.09Y	118.2	0.10	6.76	43.54	19	299	79	97	0.20	0.1	7.041	0.097	0	0	0	72	
	PL.28137	PL.28136	B	6 A (CWC)	7.09Y	118.2	0.00	6.76	1.14	1	8	2	97	0.00	0.0	7.189	0.147	8	2	2	2	
	PL.28413	PL.28136	B	#1/0 ACSR	7.09Y	118.2	0.02	6.78	42.41	18	291	77	97	0.05	0.0	7.064	0.023	0	0	0	70	
	PL.28138	PL.28413	B	#1/0 ACSR	7.09Y	118.2	0.06	6.84	42.41	18	291	77	97	0.13	0.0	7.129	0.065	0	0	0	70	
	PL.28139	PL.28138	B	#1/0 ACSR	7.08Y	118.1	0.10	6.94	42.41	18	291	76	97	0.19	0.1	7.229	0.100	0	0	0	70	
L	PL.28480	PL.28139	B	#1/0 ACSR	7.08Y	118.0	0.11	7.05	42.41	18	291	76	97	0.22	0.1	7.340	0.111	0	0	0	70	L
L	PL.28461	PL.28480	B	#1/0 ACSR	7.07Y	117.9	0.08	7.13	42.41	18	290	76	97	0.17	0.1	7.428	0.087	0	0	0	70	L
L	PL.28414	PL.28461	B	#1/0 ACSR	7.06Y	117.7	0.15	7.28	40.08	17	274	72	97	0.28	0.1	7.590	0.163	0	0	0	65	L
L	PL.28141	PL.28414	B	#1/0 ACSR	7.05Y	117.5	0.24	7.52	40.08	17	274	71	97	0.45	0.2	7.851	0.261	0	0	0	65	L
L	PL.28465	PL.28141	B	#1/0 ACSR	7.04Y	117.3	0.15	7.68	40.08	17	273	71	97	0.29	0.1	8.019	0.168	0	0	0	65	L
L	PL.28466	PL.28465	B	#1/0 ACSR	7.04Y	117.3	0.05	7.72	40.08	17	273	71	97	0.09	0.0	8.071	0.052	0	0	0	65	L
L	PL.28176	PL.28466	B	6 A (CWC)	7.04Y	117.3	0.00	7.72	0.00	0	0	0	100	0.00	0.0	8.241	0.170	0	0	0	0	L
L	PL.28177	PL.28466	B	6 A (CWC)	7.02Y	116.9	0.34	8.06	40.08	29	273	70	97	0.72	0.3	8.256	0.185	0	0	1	65	L
L	PL.28179	PL.28177	B	6 A (CWC)	7.01Y	116.8	0.11	8.17	40.05	29	272	70	97	0.23	0.1	8.315	0.059	0	0	0	64	L
L	PL.28180	PL.28179	B	#4 ACSR	7.01Y	116.8	0.00	8.17	0.51	0	3	1	95	0.00	0.0	8.386	0.070	3	1	3	3	L
L	PL.28416	PL.28179	B	6 A (CWC)	6.99Y	116.6	0.27	8.44	39.54	28	268	69	97	0.57	0.2	8.465	0.150	0	0	0	61	L
L	PL.28468	PL.28416	B	6 A (CWC)	6.98Y	116.3	0.22	8.66	39.54	28	268	69	97	0.47	0.2	8.589	0.124	0	0	0	61	L
L	PL.28478	PL.28468	B	6 A (CWC)	6.97Y	116.1	0.24	8.90	39.54	28	267	68	97	0.51	0.2	8.722	0.133	0	0	0	61	L
L	PL.28469	PL.28478	B	6 A (CWC)	6.95Y	115.8	0.30	9.20	39.54	28	267	68	97	0.64	0.2	8.891	0.168	0	0	0	61	L
L	PL.28182	PL.28469	B	6 A (CWC)	6.94Y	115.7	0.08	9.28	39.54	28	266	68	97	0.16	0.1	8.933	0.043	0	0	0	61	L
L	PL.28702	PL.28182	B	#4 ACSR	6.94Y	115.7	0.00	9.28	5.06	4	34	9	97	0.00	0.0	8.949	0.016	5	1	2	8	L
L	PL.28703	PL.28702	B	#4 ACSR	6.94Y	115.7	0.03	9.31	4.33	3	29	7	97	0.01	0.0	9.096	0.147	0	0	0	6	L
L	PL.28183	PL.28703	B	#2 ACSR	6.94Y	115.7	0.00	9.31	0.00	0	0	0	100	0.00	0.0	9.203	0.107	0	0	0	0	L
L	PL.28417	PL.28703	B	#4 ACSR	6.94Y	115.7	0.03	9.35	4.33	3	29	7	97	0.01	0.0	9.273	0.177	0	0	0	6	L
L	PL.28418	PL.28417	B	#4 ACSR	6.94Y	115.7	0.00	9.35	0.00	0	0	0	100	0.00	0.0	9.357	0.084	0	0	0	0	L
L	PL.28479	PL.28418	B	#4 ACSR	6.94Y	115.7	0.00	9.35	0.00	0	0	0	100	0.00	0.0	9.479	0.122	0	0	0	0	L
L	PL.28470	PL.28479	B	#4 ACSR	6.94Y	115.7	0.00	9.35	0.00	0	0	0	100	0.00	0.0	9.644	0.165	0	0	0	0	L

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: Rice Station

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.28698	PL.28417	B	#2 ACSR	6.94Y	115.6	0.01	9.36	4.33	2	29	7	97	0.00	0.0	9.345	0.072	6	1	1	6	L
L PL.28699	PL.28698	B	#2 ACSR	6.94Y	115.6	0.00	9.36	3.46	2	23	6	97	0.00	0.0	9.388	0.043	2	0	1	5	L
L PL.28185	PL.28699	B	#1/0 ACSR	6.94Y	115.6	0.01	9.37	3.21	1	22	5	98	0.00	0.0	9.472	0.084	0	0	0	4	L
L PL.28186	PL.28185	B	#1/0 ACSR	6.94Y	115.6	0.00	9.37	1.21	1	8	2	97	0.00	0.0	9.514	0.042	8	2	2	2	L
L PL.28700	PL.28185	B	#1/0 ACSR	6.94Y	115.6	0.00	9.37	2.00	1	13	3	97	0.00	0.0	9.594	0.122	6	1	1	2	L
L PL.65836	PL.28700	B	#1/0 ACSR	6.94Y	115.6	0.00	9.37	1.18	1	8	2	97	0.00	0.0	9.659	0.065	0	0	0	1	L
L PL.65837	PL.65836	B	#1/0 ACSR	6.94Y	115.6	0.00	9.37	1.18	1	8	2	97	0.00	0.0	9.722	0.063	8	2	1	1	L
L PL.28704	PL.28182	B	6 A (CWC)	6.94Y	115.6	0.11	9.39	34.48	25	232	59	97	0.21	0.1	9.006	0.072	0	0	0	53	L
L PL.28705	PL.28704	B	6 A (CWC)	6.92Y	115.3	0.26	9.65	34.48	25	232	59	97	0.47	0.2	9.169	0.164	0	0	0	53	L
L PL.28671	PL.28705	B	6 A (CWC)	6.91Y	115.1	0.21	9.86	34.48	25	231	58	97	0.39	0.2	9.306	0.136	6	2	2	53	L
L PL.28672	PL.28671	B	6 A (CWC)	6.90Y	115.0	0.14	10.00	33.52	24	225	57	97	0.24	0.1	9.397	0.091	6	1	1	51	L
L PL.28188	PL.28672	B	6 A (CWC)	6.90Y	114.9	0.07	10.07	19.69	14	132	33	97	0.07	0.1	9.472	0.075	0	0	0	25	L
L PL.28189	PL.28188	B	6 A (CWC)	6.89Y	114.8	0.13	10.19	19.69	14	132	33	97	0.13	0.1	9.612	0.140	0	0	0	25	L
L PL.28190	PL.28189	B	#4 ACSR	6.89Y	114.8	0.00	10.19	0.84	1	6	1	99	0.00	0.0	9.716	0.104	6	1	1	1	L
L PL.28716	PL.28189	B	6 A (CWC)	6.88Y	114.7	0.10	10.29	18.85	13	126	32	97	0.10	0.1	9.727	0.115	6	2	1	24	L
L PL.28717	PL.28716	B	6 A (CWC)	6.88Y	114.6	0.06	10.35	17.89	13	119	30	97	0.06	0.0	9.811	0.083	13	3	2	23	L
L PL.28191	PL.28717	B	#4 ACSR	6.88Y	114.6	0.00	10.35	1.49	1	10	3	96	0.00	0.0	9.890	0.079	10	3	1	1	L
L PL.28422	PL.28717	B	6 A (CWC)	6.88Y	114.6	0.05	10.40	14.46	10	96	24	97	0.04	0.0	9.891	0.080	0	0	0	20	L
L PL.28192	PL.28422	B	#1/0 ACSR	6.88Y	114.6	0.00	10.40	1.04	0	7	2	96	0.00	0.0	9.939	0.049	7	2	2	2	L
L PL.28714	PL.28422	B	#4 ACSR	6.88Y	114.6	0.00	10.41	1.51	1	10	3	96	0.00	0.0	9.923	0.033	7	2	1	2	L
L PL.28715	PL.28714	B	#4 ACSR	6.88Y	114.6	0.00	10.41	0.50	0	3	1	95	0.00	0.0	10.033	0.109	3	1	1	1	L
L PL.28423	PL.28422	B	6 A (CWC)	6.87Y	114.6	0.03	10.44	11.91	9	79	20	97	0.02	0.0	9.948	0.057	0	0	0	16	L
L PL.28193	PL.28423	B	#1/0 ACSR	6.87Y	114.6	0.00	10.44	1.10	0	7	2	96	0.00	0.0	10.015	0.067	7	2	1	1	L
L PL.28424	PL.28423	B	6 A (CWC)	6.87Y	114.5	0.02	10.46	10.81	8	72	18	97	0.01	0.0	9.994	0.046	0	0	0	15	L
L PL.28425	PL.28424	B	6 A (CWC)	6.87Y	114.5	0.06	10.51	9.80	7	65	16	97	0.03	0.0	10.122	0.128	0	0	0	13	L
L PL.28471	PL.28425	B	6 A (CWC)	6.87Y	114.4	0.05	10.56	9.80	7	65	16	97	0.02	0.0	10.228	0.106	0	0	0	13	L
L PL.28712	PL.28471	B	6 A (CWC)	6.86Y	114.4	0.08	10.64	9.80	7	65	16	97	0.04	0.1	10.404	0.176	2	1	1	13	L
L PL.28713	PL.28712	B	6 A (CWC)	6.86Y	114.3	0.04	10.68	9.46	7	63	16	97	0.02	0.0	10.498	0.093	0	0	0	12	L
L PL.28195	PL.28713	B	#4 ACSR	6.86Y	114.3	0.00	10.68	0.42	0	3	1	95	0.00	0.0	10.636	0.138	3	1	1	1	L
L PL.28426	PL.28713	B	6 A (CWC)	6.86Y	114.3	0.03	10.71	8.00	6	53	13	97	0.01	0.0	10.571	0.073	0	0	0	10	L
L PL.28710	PL.28426	B	6 A (CWC)	6.86Y	114.3	0.04	10.75	5.56	4	37	9	97	0.01	0.0	10.740	0.170	5	1	2	8	L

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Balanced Voltage Drop Report
Source: Rice Station

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.28711	PL.28710	B	6 A (CWC)	6.85Y	114.2	0.02	10.77	4.82	3	32	8	97	0.01	0.0	10.849	0.108	6	2	1	6	L
L PL.28198	PL.28711	B	#1/0 ACSR	6.85Y	114.2	0.00	10.77	1.06	0	7	2	96	0.00	0.0	10.985	0.136	7	2	1	1	L
L PL.28708	PL.28711	B	6 A (CWC)	6.85Y	114.2	0.01	10.78	2.82	2	19	5	97	0.00	0.0	10.953	0.104	10	2	1	4	L
L PL.28709	PL.28708	B	6 A (CWC)	6.85Y	114.2	0.00	10.78	1.35	1	9	2	98	0.00	0.0	11.027	0.074	1	0	1	3	L
L PL.28707	PL.28709	B	6 A (CWC)	6.85Y	114.2	0.00	10.78	1.16	1	8	2	97	0.00	0.0	11.149	0.123	7	2	1	2	L
L PL.28706	PL.28707	B	6 A (CWC)	6.85Y	114.2	0.00	10.79	0.13	0	1	0	100	0.00	0.0	11.262	0.112	1	0	1	1	L
L PL.28196	PL.28426	B	#4 ACSR	6.86Y	114.3	0.00	10.71	2.45	2	16	4	97	0.00	0.0	10.625	0.054	9	2	1	2	L
L PL.28197	PL.28196	B	#1/0 ACSR	6.86Y	114.3	0.00	10.71	1.11	0	7	2	96	0.00	0.0	10.674	0.049	7	2	1	1	L
L PL.28194	PL.28713	B	#1/0 ACSR	6.86Y	114.3	0.00	10.68	1.05	0	7	2	96	0.00	0.0	10.551	0.054	7	2	1	1	L
L PL.28949	PL.28424	B	#1/0 ACSR	6.87Y	114.5	0.00	10.46	1.01	0	7	2	96	0.00	0.0	9.999	0.005	0	0	0	2	L
L PD.3938	PL.28949	B	15T	6.87Y	114.5	0.00	10.46	1.01	0	7	2	96	0.00	0.0	9.999	0.005	0	0	0	2	L
L PL.28950	PD.3938	B	#1/0 ACSR	6.87Y	114.5	0.00	10.46	1.01	0	7	2	96	0.00	0.0	10.120	0.121	0	0	0	2	L
L PL.28951	PL.28950	B	1/0 AL URD	6.87Y	114.5	0.00	10.46	1.01	1	7	2	96	0.00	0.0	10.124	0.004	0	0	0	2	L
L PD.3939	PL.28951	B	10T	6.87Y	114.5	0.00	10.46	1.01	0	7	2	96	0.00	0.0	10.124	0.004	0	0	0	2	L
L PL.28952	PD.3939	B	1/0 AL URD	6.87Y	114.5	0.00	10.46	1.01	1	7	2	96	0.00	0.0	10.151	0.027	7	2	2	2	L
L PL.29095	PL.28672	B	6 A (CWC)	6.90Y	115.0	0.00	10.00	0.24	0	2	0	100	0.00	0.0	9.401	0.004	0	0	0	1	L
L PD.3989	PL.29095	B	15T	6.90Y	115.0	0.00	10.00	0.24	0	2	0	100	0.00	0.0	9.401	0.004	0	0	0	1	L
L PL.29096	PD.3989	B	6 A (CWC)	6.90Y	115.0	0.00	10.00	0.24	0	2	0	100	0.00	0.0	9.449	0.047	2	0	1	1	L
L PL.28935	PL.28672	B	6 A (CWC)	6.90Y	115.0	0.00	10.00	12.70	9	85	21	97	0.00	0.0	9.401	0.004	0	0	0	24	L
L PD.3931	PL.28935	B	15T	6.90Y	115.0	0.00	10.00	12.70	0	85	21	97	0.00	0.0	9.401	0.004	0	0	0	24	L
L PL.28936	PD.3931	B	6 A (CWC)	6.90Y	115.0	0.02	10.02	12.70	9	85	21	97	0.01	0.0	9.431	0.030	2	0	1	24	L
L PL.28673	PL.28936	B	6 A (CWC)	6.90Y	115.0	0.03	10.05	12.42	9	83	21	97	0.02	0.0	9.487	0.055	9	2	1	23	L
L PL.28187	PL.28673	B	6 A (CWC)	6.89Y	114.9	0.06	10.10	11.04	8	74	19	97	0.03	0.0	9.597	0.111	1	0	1	22	L
L PL.28184	PL.28187	B	6 A (CWC)	6.89Y	114.9	0.04	10.15	10.88	8	73	18	97	0.03	0.0	9.685	0.088	0	0	0	21	L
L PL.28535	PL.28184	B	6 A (CWC)	6.89Y	114.8	0.02	10.17	10.76	8	72	18	97	0.01	0.0	9.731	0.046	8	2	1	20	L
L PL.28678	PL.28535	B	6 A (CWC)	6.89Y	114.8	0.02	10.18	5.23	4	35	9	97	0.00	0.0	9.808	0.076	5	1	3	8	L
L PL.28679	PL.28678	B	6 A (CWC)	6.89Y	114.8	0.01	10.20	4.49	3	30	8	97	0.00	0.0	9.863	0.056	0	0	0	5	L
L PL.28174	PL.28679	B	#1/0 ACSR	6.89Y	114.8	0.00	10.20	0.99	0	7	2	96	0.00	0.0	9.881	0.018	7	2	1	1	L
L PL.28676	PL.28679	B	6 A (CWC)	6.89Y	114.8	0.01	10.20	3.50	2	23	6	97	0.00	0.0	9.898	0.035	4	1	1	4	L
L PL.28677	PL.28676	B	6 A (CWC)	6.89Y	114.8	0.01	10.21	2.95	2	20	5	97	0.00	0.0	9.981	0.083	0	0	0	3	L
L PL.28534	PL.28677	B	6 A (CWC)	6.89Y	114.8	0.00	10.22	2.20	2	15	4	97	0.00	0.0	10.041	0.060	15	4	2	2	L

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Balanced Voltage Drop Report
Source: Rice Station

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.28175	PL.28677	B	6 A (CWC)	6.89Y	114.8	0.00	10.21	0.75	1	5	1	98	0.00	0.0	10.097	0.116	5	1	1	1	L
L PL.28536	PL.28535	B	6 A (CWC)	6.89Y	114.8	0.01	10.18	4.26	3	28	7	97	0.00	0.0	9.774	0.043	3	1	1	11	L
L PL.28173	PL.28536	B	6 A (CWC)	6.89Y	114.8	0.00	10.18	3.86	3	26	6	97	0.00	0.0	9.786	0.011	2	0	1	10	L
L PL.28680	PL.28173	B	6 A (CWC)	6.89Y	114.8	0.01	10.18	3.57	3	24	6	97	0.00	0.0	9.829	0.043	0	0	0	9	L
L PL.28681	PL.28680	B	6 A (CWC)	6.89Y	114.8	0.01	10.19	3.57	3	24	6	97	0.00	0.0	9.877	0.048	0	0	0	9	L
L PL.28172	PL.28681	B	#4 ACSR	6.89Y	114.8	0.00	10.19	0.62	0	4	1	97	0.00	0.0	9.947	0.070	4	1	1	1	L
L PL.28684	PL.28681	B	6 A (CWC)	6.89Y	114.8	0.01	10.20	2.95	2	20	5	97	0.00	0.0	9.958	0.080	3	1	2	8	L
L PL.28685	PL.28684	B	6 A (CWC)	6.89Y	114.8	0.02	10.22	2.49	2	17	4	97	0.00	0.0	10.112	0.154	0	0	0	6	L
L PL.28419	PL.28685	B	6 A (CWC)	6.89Y	114.8	0.01	10.23	1.99	1	13	3	97	0.00	0.0	10.185	0.072	0	0	0	4	L
L PL.28287	PL.28419	B	6 A (CWC)	6.89Y	114.8	0.01	10.23	1.99	1	13	3	97	0.00	0.0	10.258	0.073	0	0	0	4	L
L PL.28167	PL.28287	B	6 A (CWC)	6.89Y	114.8	0.00	10.24	1.99	1	13	3	97	0.00	0.0	10.309	0.051	0	0	0	4	L
L PL.28420	PL.28167	B	6 A (CWC)	6.89Y	114.8	0.01	10.25	1.99	1	13	3	97	0.00	0.0	10.413	0.104	0	0	0	4	L
L PL.28474	PL.28420	B	6 A (CWC)	6.88Y	114.7	0.01	10.26	1.99	1	13	3	97	0.00	0.0	10.504	0.091	0	0	0	4	L
L PL.28473	PL.28474	B	6 A (CWC)	6.88Y	114.7	0.01	10.26	1.99	1	13	3	97	0.00	0.0	10.591	0.087	0	0	0	4	L
L PL.28166	PL.28473	B	6 A (CWC)	6.88Y	114.7	0.01	10.27	1.02	1	7	2	96	0.00	0.0	10.720	0.129	0	0	0	1	L
L PL.28421	PL.28166	B	6 A (CWC)	6.88Y	114.7	0.00	10.27	0.00	0	0	0	100	0.00	0.0	10.765	0.045	0	0	0	0	L
L PL.28165	PL.28166	B	#2 ACSR	6.88Y	114.7	0.00	10.27	1.02	1	7	2	96	0.00	0.0	10.761	0.041	0	0	0	1	L
L PL.28164	PL.28165	B	#2 ACSR	6.88Y	114.7	0.00	10.28	1.02	1	7	2	96	0.00	0.0	10.906	0.145	0	0	0	1	L
L PL.28477	PL.28164	B	#2 ACSR	6.88Y	114.7	0.00	10.28	1.02	1	7	2	96	0.00	0.0	11.058	0.151	0	0	0	1	L
L PL.28163	PL.28477	B	#2 ACSR	6.88Y	114.7	0.00	10.28	1.02	1	7	2	96	0.00	0.0	11.204	0.147	0	0	0	1	L
L PL.28162	PL.28163	B	#2 ACSR	6.88Y	114.7	0.00	10.29	1.02	1	7	2	96	0.00	0.0	11.318	0.114	0	0	0	1	L
L PL.28161	PL.28162	B	#2 ACSR	6.88Y	114.7	0.00	10.29	1.02	1	7	2	96	0.00	0.0	11.381	0.063	0	0	0	1	L
L PL.28160	PL.28161	B	#2 ACSR	6.88Y	114.7	0.00	10.29	1.02	1	7	2	96	0.00	0.0	11.416	0.035	7	2	1	1	L
L PL.28168	PL.28473	B	6 A (CWC)	6.88Y	114.7	0.00	10.27	0.47	0	3	1	95	0.00	0.0	10.709	0.118	0	0	0	1	L
L PL.28475	PL.28168	B	6 A (CWC)	6.88Y	114.7	0.00	10.27	0.47	0	3	1	95	0.00	0.0	10.825	0.116	0	0	0	1	L
L PL.28476	PL.28475	B	6 A (CWC)	6.88Y	114.7	0.00	10.27	0.47	0	3	1	95	0.00	0.0	10.886	0.061	3	1	1	1	L
L PL.28682	PL.28473	B	#1/0 ACSR	6.88Y	114.7	0.00	10.26	0.50	0	3	1	95	0.00	0.0	10.713	0.122	0	0	1	2	L
L PL.28683	PL.28682	B	#1/0 ACSR	6.88Y	114.7	0.00	10.27	0.49	0	3	1	95	0.00	0.0	10.839	0.125	3	1	1	1	L
L PL.28169	PL.28167	B	#4 ACSR	6.89Y	114.8	0.00	10.24	0.00	0	0	0	100	0.00	0.0	10.433	0.124	0	0	0	0	L
L PL.28170	PL.28685	B	6 A (CWC)	6.89Y	114.8	0.00	10.22	0.50	0	3	1	95	0.00	0.0	10.183	0.071	3	1	1	2	L
L PL.28171	PL.28170	B	#4 ACSR	6.89Y	114.8	0.00	10.22	0.00	0	0	0	100	0.00	0.0	10.259	0.076	0	0	1	1	L

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Balanced Voltage Drop Report
Source: Rice Station

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru	
L PL.28674	PL.28184	B	#1/0 ACSR	6.89Y	114.9	0.00	10.15	0.12	0	1	0	100	0.00	0.0	9.713	0.028	1	0	1	1	L
L PL.28675	PL.28674	B	#1/0 ACSR	6.89Y	114.9	0.00	10.15	0.00	0	0	0	100	0.00	0.0	9.791	0.078	0	0	0	0	L
L PL.28178	PL.28179	B	#4 ACSR	7.01Y	116.8	0.00	8.17	0.00	0	0	0	100	0.00	0.0	8.411	0.095	0	0	0	0	L
L PL.28467	PL.28178	B	#4 ACSR	7.01Y	116.8	0.00	8.17	0.00	0	0	0	100	0.00	0.0	8.598	0.188	0	0	0	0	L
L PL.28181	PL.28467	B	#1/0 ACSR	7.01Y	116.8	0.00	8.17	0.00	0	0	0	100	0.00	0.0	8.635	0.037	0	0	0	0	L
L PL.28142	PL.28461	B	6 A (CWC)	7.07Y	117.9	0.01	7.15	2.33	2	16	4	97	0.00	0.0	7.552	0.125	0	0	0	5	L
L PL.28464	PL.28142	B	6 A (CWC)	7.07Y	117.8	0.01	7.16	2.33	2	16	4	97	0.00	0.0	7.678	0.125	0	0	0	5	L
L PL.28143	PL.28464	B	6 A (CWC)	7.07Y	117.8	0.01	7.17	2.33	2	16	4	97	0.00	0.0	7.786	0.108	0	0	0	5	L
L PL.28532	PL.28143	B	6 A (CWC)	7.07Y	117.8	0.01	7.18	1.21	1	8	2	97	0.00	0.0	7.885	0.100	0	0	0	3	L
L PL.28533	PL.28532	B	6 A (CWC)	7.07Y	117.8	0.00	7.18	1.21	1	8	2	97	0.00	0.0	7.932	0.046	8	2	3	3	L
L PL.28144	PL.28143	B	#1/0 ACSR	7.07Y	117.8	0.00	7.17	1.12	0	8	2	97	0.00	0.0	7.824	0.039	8	2	2	2	L
L PL.28415	PL.28464	B	6 A (CWC)	7.07Y	117.8	0.00	7.16	0.00	0	0	0	100	0.00	0.0	7.761	0.083	0	0	0	0	L
L PL.28140	PL.28461	B	6 A (CWC)	7.07Y	117.9	0.00	7.13	0.00	0	0	0	100	0.00	0.0	7.558	0.130	0	0	0	0	L
L PL.28462	PL.28140	B	6 A (CWC)	7.07Y	117.9	0.00	7.13	0.00	0	0	0	100	0.00	0.0	7.699	0.141	0	0	0	0	L
L PL.28463	PL.28462	B	6 A (CWC)	7.07Y	117.9	0.00	7.13	0.00	0	0	0	100	0.00	0.0	7.868	0.169	0	0	0	0	L
PL.28135	PL.28134	B	#1/0 ACSR	7.10Y	118.3	0.00	6.66	0.23	0	2	0	100	0.00	0.0	6.954	0.010	2	0	1	1	
PL.28694	PL.28130	B	#2 ACSR	7.11Y	118.6	0.00	6.43	1.14	1	8	2	97	0.00	0.0	6.747	0.027	5	1	3	5	
PL.28695	PL.28694	B	#2 ACSR	7.11Y	118.6	0.00	6.44	0.37	0	3	1	95	0.00	0.0	6.861	0.114	0	0	1	2	
PL.28693	PL.28695	B	#2 ACSR	7.11Y	118.6	0.00	6.44	0.35	0	2	1	89	0.00	0.0	6.944	0.083	2	1	1	1	
PL.28132	PL.28130	B	#2 ACSR	7.11Y	118.6	0.00	6.43	0.90	1	6	2	95	0.00	0.0	6.741	0.020	6	2	1	1	
PL.28939	PL.28517	A	#1/0 ACSR	7.16Y	119.3	0.00	5.70	0.49	0	3	1	95	0.00	0.0	6.032	0.005	0	0	0	1	
PD.3933	PL.28939	A	30T	7.16Y	119.3	0.00	5.70	0.49	0	3	1	95	0.00	0.0	6.032	0.005	0	0	0	1	
PL.28940	PD.3933	A	#1/0 ACSR	7.16Y	119.3	0.00	5.70	0.49	0	3	1	95	0.00	0.0	6.045	0.014	3	1	1	1	
PL.29089	PL.29088	C	#1/0 ACSR	7.16Y	119.4	0.00	5.63	0.66	0	5	1	98	0.00	0.0	5.826	0.004	0	0	0	1	
PD.3986	PL.29089	C	30T	7.16Y	119.4	0.00	5.63	0.66	0	5	1	98	0.00	0.0	5.826	0.004	0	0	0	1	
PL.29090	PD.3986	C	#1/0 ACSR	7.16Y	119.4	0.00	5.63	0.66	0	5	1	98	0.00	0.0	5.949	0.124	0	0	0	1	
PL.28453	PL.29090	C	#1/0 ACSR	7.16Y	119.4	0.00	5.63	0.66	0	5	1	98	0.00	0.0	6.050	0.101	5	1	1	1	
PL.28941	PL.29088	C	#1/0 ACSR	7.16Y	119.4	0.00	5.63	1.86	1	13	3	97	0.00	0.0	5.825	0.004	0	0	0	6	
PD.3934	PL.28941	C	30T	7.16Y	119.4	0.00	5.63	1.86	0	13	3	97	0.00	0.0	5.825	0.004	0	0	0	6	
PL.28942	PD.3934	C	#1/0 ACSR	7.16Y	119.4	0.00	5.63	1.86	1	13	3	97	0.00	0.0	5.831	0.005	0	0	0	6	
PL.28696	PL.28942	C	#1/0 ACSR	7.16Y	119.4	0.00	5.63	0.93	0	6	2	95	0.00	0.0	5.903	0.072	0	0	1	4	

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: Rice Station

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.28697	PL.28696	C	#1/0 ACSR	7.16Y	119.4	0.00	5.63	0.86	0	6	1	99	0.00	0.0	6.013	0.110	6	1	3	3	
PL.28124	PL.28942	C	#2 ACSR	7.16Y	119.4	0.00	5.63	0.88	1	6	2	95	0.00	0.0	5.885	0.054	6	2	1	1	
PL.28123	PL.28942	C	#1/0 ACSR	7.16Y	119.4	0.00	5.63	0.05	0	0	0	100	0.00	0.0	5.870	0.040	0	0	1	1	
PL.28943	PL.28408	A	#1/0 ACSR	7.17Y	119.5	0.00	5.54	2.21	1	15	4	97	0.00	0.0	5.565	0.005	0	0	0	2	
PD.3935	PL.28943	A	30T	7.17Y	119.5	0.00	5.54	2.21	0	15	4	97	0.00	0.0	5.565	0.005	0	0	0	2	
PL.28944	PD.3935	A	#1/0 ACSR	7.17Y	119.5	0.00	5.54	2.21	1	15	4	97	0.00	0.0	5.599	0.035	9	2	1	2	
PL.28122	PL.28944	A	#1/0 ACSR	7.17Y	119.5	0.00	5.54	0.97	0	7	2	96	0.00	0.0	5.625	0.026	7	2	1	1	
PL.29110	PL.28094	C	#2 ACSR	7.17Y	119.5	0.01	5.46	5.18	3	36	9	97	0.00	0.0	5.401	0.040	10	3	2	13	
PL.28099	PL.29110	C	6 A (CWC)	7.17Y	119.5	0.01	5.47	3.12	2	22	5	98	0.00	0.0	5.485	0.084	5	1	2	7	
PL.28100	PL.28099	C	6 A (CWC)	7.17Y	119.5	0.00	5.48	2.41	2	17	4	97	0.00	0.0	5.540	0.054	17	4	5	5	
PL.28407	PL.29110	C	#2 ACSR	7.17Y	119.5	0.00	5.47	0.58	0	4	1	97	0.00	0.0	5.488	0.087	4	1	1	3	
PL.28929	PL.28407	C	#1/0 ACSR	7.17Y	119.5	0.00	5.47	0.01	0	0	0	100	0.00	0.0	5.492	0.004	0	0	0	2	
PD.3928	PL.28929	C	20T	7.17Y	119.5	0.00	5.47	0.01	0	0	0	100	0.00	0.0	5.492	0.004	0	0	0	2	
PL.28930	PD.3928	C	#1/0 ACSR	7.17Y	119.5	0.00	5.47	0.01	0	0	0	100	0.00	0.0	5.615	0.123	0	0	0	2	
PL.28666	PL.28930	C	#1/0 ACSR	7.17Y	119.5	0.00	5.47	0.01	0	0	0	100	0.00	0.0	5.686	0.071	0	0	1	2	
PL.28667	PL.28666	C	#1/0 ACSR	7.17Y	119.5	0.00	5.47	0.01	0	0	0	100	0.00	0.0	5.716	0.030	0	0	1	1	
PL.28096	PL.29110	C	6 A (CWC)	7.17Y	119.5	0.00	5.46	0.05	0	0	0	100	0.00	0.0	5.479	0.077	0	0	1	1	
PL.29085	PL.28094	A	#2 ACSR	7.17Y	119.5	0.00	5.46	1.43	1	10	2	98	0.00	0.0	5.365	0.004	0	0	0	3	
PD.3985	PL.29085	A	30T	7.17Y	119.5	0.00	5.46	1.43	0	10	2	98	0.00	0.0	5.365	0.004	0	0	0	3	
PL.29086	PD.3985	A	#2 ACSR	7.17Y	119.5	0.00	5.46	1.43	1	10	2	98	0.00	0.0	5.386	0.021	4	1	1	3	
PL.28668	PL.29086	A	#2 ACSR	7.17Y	119.5	0.00	5.46	0.92	1	6	2	95	0.00	0.0	5.410	0.023	0	0	0	2	
PL.28097	PL.28668	A	#2 ACSR	7.17Y	119.5	0.00	5.46	0.92	1	6	2	95	0.00	0.0	5.453	0.044	0	0	0	2	
PL.28288	PL.28097	A	#2 ACSR	7.17Y	119.5	0.00	5.46	0.92	1	6	2	95	0.00	0.0	5.522	0.068	6	2	1	2	
PL.28098	PL.28288	A	#2 ACSR	7.17Y	119.5	0.00	5.46	0.00	0	0	0	100	0.00	0.0	5.541	0.019	0	0	0	1	
PL.28289	PL.28098	A	#2 ACSR	7.17Y	119.5	0.00	5.46	0.00	0	0	0	100	0.00	0.0	5.595	0.054	0	0	0	1	
PL.28290	PL.28289	A	#2 ACSR	7.17Y	119.5	0.00	5.46	0.00	0	0	0	100	0.00	0.0	5.650	0.055	0	0	1	1	
PL.28900	PL.29128	A	#1/0 ACSR	7.17Y	119.6	0.03	5.42	51.10	22	355	91	97	0.08	0.0	5.214	0.028	0	0	0	66	
PL.64897	PL.28900	A	6 A (CWC)	7.17Y	119.6	0.01	5.43	51.10	36	355	91	97	0.02	0.0	5.217	0.003	0	0	0	66	
C PD.9969	PL.64897	A	50L	7.17Y	119.6	0.00	5.43	51.10	102	355	91	97	0.00	0.0	5.217	0.003	0	0	0	66	C
PL.64898	PD.9969	A	#1/0 ACSR	7.16Y	119.4	0.17	5.60	51.10	22	355	91	97	0.42	0.1	5.365	0.147	0	0	0	66	
PL.28447	PL.64898	A	#1/0 ACSR	7.16Y	119.3	0.12	5.72	51.10	22	355	91	97	0.30	0.1	5.470	0.105	0	0	0	66	

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: Rice Station

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.28085	PL.28447	A	6 A (CWC)	7.16Y	119.3	0.01	5.73	4.04	3	28	7	97	0.00	0.0	5.540	0.070	0	0	0	1
PL.28101	PL.28085	A	6 A (CWC)	7.16Y	119.3	0.00	5.74	4.04	3	28	7	97	0.00	0.0	5.572	0.032	28	7	1	1
PL.28397	PL.28447	A	#1/0 ACSR	7.14Y	119.1	0.20	5.92	47.06	20	326	83	97	0.44	0.1	5.653	0.183	1	0	1	65
PL.28103	PL.28397	A	6 A (CWC)	7.14Y	119.1	0.00	5.92	2.15	2	15	4	97	0.00	0.0	5.657	0.004	0	0	0	1
PD.3927	PL.28103	A	20T	7.14Y	119.1	0.00	5.92	2.15	0	15	4	97	0.00	0.0	5.657	0.004	0	0	0	1
PL.28664	PD.3927	A	#1/0 ACSR	7.14Y	119.1	0.00	5.92	2.15	1	15	4	97	0.00	0.0	5.738	0.081	15	4	1	1
PL.64899	PL.28397	A	#1/0 ACSR	7.14Y	119.1	0.03	5.95	44.71	19	310	79	97	0.07	0.0	5.684	0.031	0	0	0	63
PL.64900	PL.64899	A	#1/0 ACSR	7.14Y	119.1	0.00	5.95	0.85	0	6	1	99	0.00	0.0	5.774	0.090	6	1	1	1
PL.64903	PL.64899	A	#1/0 ACSR	7.14Y	118.9	0.11	6.06	43.86	19	304	77	97	0.24	0.1	5.797	0.113	0	0	0	62
PL.64906	PL.64903	A	#1/0 ACSR	7.14Y	118.9	0.01	6.07	8.48	4	59	15	97	0.01	0.0	5.865	0.068	0	0	0	16
PD.9970	PL.64906	A	25T	7.14Y	118.9	0.00	6.07	8.48	0	59	15	97	0.00	0.0	5.865	0.068	0	0	0	16
PL.64907	PD.9970	A	#1/0 ACSR	7.13Y	118.9	0.01	6.09	8.48	4	59	15	97	0.00	0.0	5.929	0.064	0	0	0	16
PL.64909	PL.64907	A	#1/0 ACSR	7.13Y	118.9	0.00	6.09	0.04	0	0	0	100	0.00	0.0	6.024	0.096	0	0	1	1
PL.64916	PL.64907	A	#1/0 ACSR	7.13Y	118.9	0.01	6.10	8.44	4	58	15	97	0.01	0.0	6.005	0.076	0	0	0	15
PL.64917	PL.64916	A	#1/0 ACSR	7.13Y	118.9	0.02	6.13	7.64	3	53	13	97	0.01	0.0	6.141	0.136	0	0	0	13
PL.64919	PL.64917	A	#1/0 ACSR	7.13Y	118.8	0.03	6.16	7.64	3	53	13	97	0.01	0.0	6.340	0.199	0	0	0	13
PL.28110	PL.64919	A	#1/0 ACSR	7.13Y	118.8	0.00	6.16	2.14	1	15	4	97	0.00	0.0	6.410	0.070	15	4	1	1
PL.64920	PL.64919	A	#1/0 ACSR	7.13Y	118.8	0.00	6.16	1.07	0	7	2	96	0.00	0.0	6.391	0.051	7	2	2	2
PL.64921	PL.64919	A	#1/0 ACSR	7.13Y	118.8	0.01	6.17	4.43	2	31	8	97	0.00	0.0	6.481	0.141	0	0	0	10
PL.28669	PL.64921	A	6 A (CWC)	7.13Y	118.8	0.03	6.20	4.43	3	31	8	97	0.01	0.0	6.628	0.146	8	2	2	10
PL.28670	PL.28669	A	6 A (CWC)	7.13Y	118.8	0.01	6.21	3.24	2	22	6	96	0.00	0.0	6.676	0.048	10	3	1	8
PL.28111	PL.28670	A	#4 ACSR	7.13Y	118.8	0.00	6.21	1.73	1	12	3	97	0.00	0.0	6.789	0.113	12	3	7	7
PL.64918	PL.64916	A	#1/0 ACSR	7.13Y	118.9	0.00	6.10	0.80	0	6	1	99	0.00	0.0	6.053	0.048	0	0	0	2
PL.28813	PL.64918	A	#1/0 ACSR	7.13Y	118.9	0.00	6.10	0.80	0	6	1	99	0.00	0.0	6.146	0.093	0	0	1	2
PL.28814	PL.28813	A	#1/0 ACSR	7.13Y	118.9	0.00	6.10	0.78	0	5	1	98	0.00	0.0	6.176	0.029	5	1	1	1
PL.64908	PL.64903	A	#1/0 ACSR	7.13Y	118.9	0.05	6.11	32.56	14	225	57	97	0.08	0.0	5.866	0.070	0	0	0	43
PL.64923	PL.64908	A	#1/0 ACSR	7.13Y	118.8	0.09	6.20	32.56	14	225	57	97	0.13	0.1	5.983	0.116	0	0	0	43
PD.9971	PL.64923	A	25T	7.13Y	118.8	0.00	6.20	32.56	0	225	57	97	0.00	0.0	5.983	0.116	0	0	0	43
PL.64924	PD.9971	A	#1/0 ACSR	7.13Y	118.8	0.05	6.25	32.56	14	225	57	97	0.07	0.0	6.047	0.065	0	0	0	43
PL.64925	PL.64924	A	#1/0 ACSR	7.12Y	118.6	0.15	6.39	32.56	14	225	57	97	0.23	0.1	6.245	0.198	0	0	0	43
PL.64929	PL.64925	A	#1/0 ACSR	7.11Y	118.5	0.07	6.46	29.35	13	203	51	97	0.09	0.0	6.346	0.101	0	0	0	39

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Balanced Voltage Drop Report
Source: Rice Station

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.28662	PL.64929	A	#1/0 ACSR	7.11Y	118.5	0.08	6.55	29.35	13	202	51	97	0.11	0.1	6.472	0.126	6	2	1	39
PL.28663	PL.28662	A	#1/0 ACSR	7.11Y	118.4	0.03	6.57	28.43	12	196	49	97	0.04	0.0	6.518	0.046	4	1	1	38
PL.28661	PL.28663	A	#1/0 ACSR	7.10Y	118.3	0.11	6.68	27.88	12	192	48	97	0.14	0.1	6.688	0.170	0	0	0	37
PL.28112	PL.28661	A	6 A (CWC)	7.09Y	118.2	0.08	6.76	15.06	11	104	26	97	0.07	0.1	6.807	0.119	0	0	0	16
PL.28659	PL.28112	A	#1/0 ACSR	7.09Y	118.2	0.01	6.78	13.21	6	91	23	97	0.01	0.0	6.848	0.041	0	0	1	15
PL.28660	PL.28659	A	#1/0 ACSR	7.09Y	118.2	0.04	6.81	13.19	6	91	23	97	0.02	0.0	6.970	0.122	2	1	1	14
PL.28658	PL.28660	A	#1/0 ACSR	7.09Y	118.2	0.02	6.84	12.89	6	89	22	97	0.01	0.0	7.053	0.083	10	3	1	13
PL.28657	PL.28658	A	#1/0 ACSR	7.09Y	118.2	0.01	6.85	11.41	5	79	20	97	0.01	0.0	7.092	0.040	3	1	3	12
PL.28656	PL.28657	A	#1/0 ACSR	7.09Y	118.1	0.01	6.86	10.92	5	75	19	97	0.01	0.0	7.134	0.042	0	0	0	9
PL.28654	PL.28656	A	#1/0 ACSR	7.09Y	118.1	0.01	6.86	6.27	3	43	11	97	0.00	0.0	7.199	0.065	14	3	2	6
PL.28655	PL.28654	A	#1/0 ACSR	7.09Y	118.1	0.00	6.87	4.29	2	30	7	97	0.00	0.0	7.246	0.047	0	0	0	4
PL.28925	PL.28655	A	1/0 AL URD	7.09Y	118.1	0.00	6.87	1.35	1	9	2	98	0.00	0.0	7.251	0.005	0	0	0	1
PD.3925	PL.28925	A	20T	7.09Y	118.1	0.00	6.87	1.35	0	9	2	98	0.00	0.0	7.251	0.005	0	0	0	1
PL.28926	PD.3925	A	1/0 AL URD	7.09Y	118.1	0.00	6.87	1.35	1	9	2	98	0.00	0.0	7.299	0.048	9	2	1	1
PL.28401	PL.28655	A	#1/0 ACSR	7.09Y	118.1	0.00	6.87	2.94	1	20	5	97	0.00	0.0	7.260	0.013	11	3	2	3
PL.28113	PL.28401	A	#1/0 ACSR	7.09Y	118.1	0.00	6.87	1.28	1	9	2	98	0.00	0.0	7.439	0.179	9	2	1	1
PL.65838	PL.28654	A	#1/0 ACSR	7.09Y	118.1	0.00	6.86	0.00	0	0	0	100	0.00	0.0	7.249	0.050	0	0	0	0
PL.65839	PL.65838	A	#1/0 ACSR	7.09Y	118.1	0.00	6.86	0.00	0	0	0	100	0.00	0.0	7.353	0.104	0	0	0	0
PL.28508	PL.28656	A	#1/0 ACSR	7.09Y	118.1	0.01	6.87	4.65	2	32	8	97	0.00	0.0	7.254	0.120	6	2	1	3
PL.28509	PL.28508	A	#1/0 ACSR	7.09Y	118.1	0.00	6.87	1.68	1	12	3	97	0.00	0.0	7.297	0.043	12	3	1	1
PL.28114	PL.28508	A	#1/0 ACSR	7.09Y	118.1	0.00	6.87	2.10	1	14	4	96	0.00	0.0	7.262	0.008	14	4	1	1
PL.28400	PL.28112	A	6 A (CWC)	7.09Y	118.2	0.00	6.77	1.85	1	13	3	97	0.00	0.0	6.853	0.046	13	3	1	1
PL.28510	PL.28661	A	#1/0 ACSR	7.10Y	118.3	0.03	6.71	12.82	6	88	22	97	0.02	0.0	6.788	0.100	6	1	2	21
PL.28428	PL.28510	A	#1/0 ACSR	7.10Y	118.3	0.00	6.71	0.80	0	5	1	98	0.00	0.0	6.794	0.007	5	1	1	1
PL.28652	PL.28510	A	#1/0 ACSR	7.10Y	118.3	0.01	6.73	11.21	5	77	19	97	0.01	0.0	6.845	0.058	4	1	1	18
PL.28653	PL.28652	A	#1/0 ACSR	7.10Y	118.3	0.01	6.73	10.63	5	73	18	97	0.00	0.0	6.890	0.045	28	7	5	17
PL.28402	PL.28653	A	6 A (CWC)	7.10Y	118.3	0.00	6.74	1.72	1	12	3	97	0.00	0.0	6.950	0.061	12	3	1	1
PL.28116	PL.28653	A	#4 ACSR	7.09Y	118.2	0.03	6.77	4.79	4	33	8	97	0.01	0.0	7.044	0.154	0	0	0	11
PL.28119	PL.28116	A	#1/0 ACSR	7.09Y	118.2	0.00	6.77	0.62	0	4	1	97	0.00	0.0	7.085	0.041	4	1	1	1
PL.28118	PL.28116	A	#2 ACSR	7.09Y	118.2	0.00	6.77	0.50	0	3	1	95	0.00	0.0	7.063	0.019	3	1	1	1
PL.28117	PL.28116	A	#4 ACSR	7.09Y	118.2	0.01	6.78	3.68	3	25	6	97	0.00	0.0	7.099	0.055	0	0	1	9

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Balanced Voltage Drop Report
Source: Rice Station

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.28120	PL.28117	A	#4 ACSR	7.09Y	118.2	0.00	6.78	3.67	3	25	6	97	0.00	0.0	7.126	0.026	11	3	4	8
PL.28923	PL.28120	A	#1/0 ACSR	7.09Y	118.2	0.00	6.78	0.75	0	5	1	98	0.00	0.0	7.130	0.005	0	0	0	1
PD.3924	PL.28923	A	20T	7.09Y	118.2	0.00	6.78	0.75	0	5	1	98	0.00	0.0	7.130	0.005	0	0	0	1
PL.28924	PD.3924	A	#1/0 ACSR	7.09Y	118.2	0.00	6.78	0.75	0	5	1	98	0.00	0.0	7.178	0.048	5	1	1	1
PL.28403	PL.28120	A	#4 ACSR	7.09Y	118.2	0.00	6.78	1.30	1	9	2	98	0.00	0.0	7.187	0.061	9	2	3	3
PL.64928	PL.64925	A	#1/0 ACSR	7.12Y	118.6	0.00	6.40	3.21	1	22	6	96	0.00	0.0	6.308	0.063	6	2	1	4
PL.28399	PL.64928	A	#1/0 ACSR	7.12Y	118.6	0.01	6.40	2.29	1	16	4	97	0.00	0.0	6.424	0.116	0	0	0	3
PL.28451	PL.28399	A	#1/0 ACSR	7.12Y	118.6	0.00	6.41	2.29	1	16	4	97	0.00	0.0	6.533	0.109	16	4	3	3
PL.64905	PL.64903	A	#1/0 ACSR	7.14Y	118.9	0.00	6.06	1.76	1	12	3	97	0.00	0.0	5.902	0.105	12	3	2	2
PL.64902	PL.64903	A	#1/0 ACSR	7.14Y	118.9	0.00	6.06	1.06	0	7	2	96	0.00	0.0	5.840	0.044	7	2	1	1
CP.43	PL.29127	ABC	Cap (300)	7.18Y	119.7	0.00	5.35	0.00	0	0	0	100	0.00	0.0	5.132	0.044	0	0	0	0
PL.28905	PL.28368	C	#2 ACSR	7.19Y	119.9	0.00	5.10	1.21	1	8	2	97	0.00	0.0	4.805	0.004	0	0	0	1
PD.3914	PL.28905	C	30T	7.19Y	119.9	0.00	5.10	1.21	0	8	2	97	0.00	0.0	4.805	0.004	0	0	0	1
PL.28906	PD.3914	C	#2 ACSR	7.19Y	119.9	0.00	5.10	1.21	1	8	2	97	0.00	0.0	4.825	0.020	8	2	1	1
PL.28080	PL.28512	A	#4 ACSR	7.21Y	120.2	0.00	4.83	2.80	2	20	5	97	0.00	0.0	4.462	0.004	0	0	0	4
PD.3916	PL.28080	A	30T	7.21Y	120.2	0.00	4.83	2.80	0	20	5	97	0.00	0.0	4.462	0.004	0	0	0	4
PL.28079	PD.3916	A	#1/0 ACSR	7.21Y	120.2	0.00	4.83	2.11	1	15	4	97	0.00	0.0	4.526	0.064	15	4	3	3
PL.28297	PD.3916	A	#4 ACSR	7.21Y	120.2	0.00	4.83	0.69	1	5	1	98	0.00	0.0	4.497	0.035	5	1	1	1
PL.28909	PL.28628	B	#2 ACSR	7.22Y	120.3	0.00	4.72	11.86	7	83	21	97	0.00	0.0	4.319	0.004	0	0	0	18
PD.3917	PL.28909	B	25T	7.22Y	120.3	0.00	4.72	11.86	0	83	21	97	0.00	0.0	4.319	0.004	0	0	0	18
PL.28910	PD.3917	B	#2 ACSR	7.22Y	120.3	0.00	4.72	11.86	7	83	21	97	0.00	0.0	4.326	0.007	7	2	1	18
PL.28078	PL.28910	B	#2 ACSR	7.22Y	120.3	0.00	4.72	0.67	0	5	1	98	0.00	0.0	4.351	0.025	5	1	2	2
PL.28650	PL.28910	B	#2 ACSR	7.22Y	120.3	0.02	4.74	10.16	6	71	18	97	0.01	0.0	4.386	0.060	6	2	1	15
PL.28651	PL.28650	B	#2 ACSR	7.21Y	120.2	0.01	4.75	9.29	5	65	16	97	0.01	0.0	4.430	0.044	0	0	0	14
PL.28366	PL.28651	B	#2 ACSR	7.21Y	120.2	0.01	4.76	8.20	5	57	14	97	0.00	0.0	4.469	0.039	0	0	0	13
PL.28088	PL.28366	B	#2 ACSR	7.21Y	120.2	0.00	4.76	1.17	1	8	2	97	0.00	0.0	4.516	0.047	8	2	1	1
PL.28087	PL.28366	B	#2 ACSR	7.21Y	120.2	0.03	4.79	7.03	4	49	12	97	0.01	0.0	4.601	0.132	6	2	1	12
PL.28089	PL.28087	B	#2 ACSR	7.21Y	120.2	0.00	4.79	0.64	0	4	1	97	0.00	0.0	4.621	0.020	0	0	0	6
PL.28367	PL.28089	B	#2 ACSR	7.21Y	120.2	0.00	4.79	0.37	0	3	1	95	0.00	0.0	4.648	0.027	3	1	1	1
PL.28090	PL.28089	B	#1/0 ACSR	7.21Y	120.2	0.00	4.79	0.27	0	2	0	100	0.00	0.0	4.675	0.054	2	0	5	5
PL.28513	PL.28087	B	#2 ACSR	7.21Y	120.2	0.01	4.80	5.50	3	39	10	97	0.00	0.0	4.661	0.059	6	1	1	5

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Balanced Voltage Drop Report
Source: Rice Station

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.28091	PL.28513	B	#1/0 ACSR	7.21Y	120.2	0.00	4.80	1.00	0	7	2	96	0.00	0.0	4.682	0.022	7	2	1	1
PL.28514	PL.28513	B	#2 ACSR	7.21Y	120.2	0.01	4.81	3.66	2	26	6	97	0.00	0.0	4.709	0.049	0	0	0	3
PL.28092	PL.28514	B	#1/0 ACSR	7.21Y	120.2	0.00	4.81	0.89	0	6	2	95	0.00	0.0	4.769	0.060	6	2	1	1
PL.28093	PL.28514	B	#2 ACSR	7.21Y	120.2	0.01	4.81	2.76	2	19	5	97	0.00	0.0	4.800	0.091	0	0	0	2
PL.28626	PL.28093	B	#2 ACSR	7.21Y	120.2	0.01	4.82	2.76	2	19	5	97	0.00	0.0	4.946	0.146	8	2	1	2
PL.28627	PL.28626	B	#2 ACSR	7.21Y	120.2	0.00	4.82	1.65	1	12	3	97	0.00	0.0	4.988	0.043	12	3	1	1
PL.28086	PL.28651	B	#1/0 ACSR	7.21Y	120.2	0.00	4.75	1.08	0	8	2	97	0.00	0.0	4.532	0.102	8	2	1	1
PL.28915	PL.28361	A	#2 ACSR	7.27Y	121.2	0.00	3.76	0.57	0	4	1	97	0.00	0.0	3.293	0.005	0	0	0	2
PD.3920	PL.28915	A	30T	7.27Y	121.2	0.00	3.76	0.57	0	4	1	97	0.00	0.0	3.293	0.005	0	0	0	2
PL.28916	PD.3920	A	#2 ACSR	7.27Y	121.2	0.00	3.76	0.57	0	4	1	97	0.00	0.0	3.324	0.032	4	1	2	2
PL.28917	PL.28360	A	#2 ACSR	7.28Y	121.3	0.00	3.69	1.24	1	9	2	98	0.00	0.0	3.218	0.004	0	0	0	1
PD.3921	PL.28917	A	30T	7.28Y	121.3	0.00	3.69	1.24	0	9	2	98	0.00	0.0	3.218	0.004	0	0	0	1
PL.28918	PD.3921	A	#2 ACSR	7.28Y	121.3	0.00	3.69	1.24	1	9	2	98	0.00	0.0	3.254	0.035	9	2	1	1
PL.29081	PL.28360	C	#2 ACSR	7.28Y	121.3	0.00	3.69	0.52	0	4	1	97	0.00	0.0	3.218	0.004	0	0	0	1
PD.3983	PL.29081	C	30T	7.28Y	121.3	0.00	3.69	0.52	0	4	1	97	0.00	0.0	3.218	0.004	0	0	0	1
PL.29082	PD.3983	C	#2 ACSR	7.28Y	121.3	0.00	3.69	0.52	0	4	1	97	0.00	0.0	3.243	0.024	4	1	1	1
PL.29079	PL.28073	C	#2 ACSR	7.29Y	121.5	0.00	3.53	0.64	0	5	1	98	0.00	0.0	3.052	0.005	0	0	0	1
PD.3982	PL.29079	C	30T	7.29Y	121.5	0.00	3.53	0.64	0	5	1	98	0.00	0.0	3.052	0.005	0	0	0	1
PL.29080	PD.3982	C	#2 ACSR	7.29Y	121.5	0.00	3.53	0.64	0	5	1	98	0.00	0.0	3.120	0.068	5	1	1	1
PL.29077	PL.28597	C	#4 ACSR	7.30Y	121.6	0.00	3.35	3.21	2	23	6	97	0.00	0.0	2.879	0.005	0	0	0	5
PD.3981	PL.29077	C	30T	7.30Y	121.6	0.00	3.35	3.21	0	23	6	97	0.00	0.0	2.879	0.005	0	0	0	5
PL.29078	PD.3981	C	#4 ACSR	7.30Y	121.6	0.02	3.37	3.21	2	23	6	97	0.00	0.0	3.028	0.149	0	0	0	5
PL.28446	PL.29078	C	#4 ACSR	7.30Y	121.6	0.01	3.39	3.21	2	23	6	97	0.00	0.0	3.109	0.081	0	0	0	5
PL.28074	PL.28446	C	#4 ACSR	7.30Y	121.6	0.00	3.39	0.81	1	6	1	99	0.00	0.0	3.168	0.059	6	1	2	2
PL.28358	PL.28446	C	#4 ACSR	7.30Y	121.6	0.01	3.40	2.40	2	17	4	97	0.00	0.0	3.287	0.178	17	4	3	3
PL.29073	PL.28605	A	#2 ACSR	7.31Y	121.9	0.00	3.14	7.06	4	50	12	97	0.00	0.0	2.668	0.005	0	0	0	8
PD.3979	PL.29073	A	30T	7.31Y	121.9	0.00	3.14	7.06	0	50	12	97	0.00	0.0	2.668	0.005	0	0	0	8
PL.29074	PD.3979	A	#2 ACSR	7.31Y	121.9	0.01	3.15	7.06	4	50	12	97	0.00	0.0	2.722	0.053	0	0	0	8
PL.28602	PL.29074	A	#2 ACSR	7.31Y	121.8	0.01	3.15	3.92	2	28	7	97	0.00	0.0	2.779	0.058	4	1	1	4
PL.28603	PL.28602	A	#2 ACSR	7.31Y	121.8	0.01	3.16	3.35	2	24	6	97	0.00	0.0	2.847	0.068	8	2	1	3
PL.28601	PL.28603	A	#2 ACSR	7.31Y	121.8	0.00	3.16	2.26	1	16	4	97	0.00	0.0	2.881	0.034	0	0	0	2

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Balanced Voltage Drop Report
Source: Rice Station

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.28860	PL.28601	A	1/0 AL URD	7.31Y	121.8	0.00	3.16	2.26	1	16	4	97	0.00	0.0	2.885	0.004	0	0	0	2
PD.3890	PL.28860	A	20T	7.31Y	121.8	0.00	3.16	2.26	0	16	4	97	0.00	0.0	2.885	0.004	0	0	0	2
PL.28861	PD.3890	A	1/0 AL URD	7.31Y	121.8	0.00	3.17	2.26	1	16	4	97	0.00	0.0	2.921	0.036	0	0	0	2
PD.3889	PL.28861	A	12T	7.31Y	121.8	0.00	3.17	2.27	0	16	4	97	0.00	0.0	2.921	0.036	0	0	0	2
PL.28859	PD.3889	A	1/0 AL URD	7.31Y	121.8	0.00	3.17	2.27	1	16	4	97	0.00	0.0	2.926	0.005	0	0	0	2
PL.28505	PL.28859	A	#2 ACSR	7.31Y	121.8	0.00	3.17	2.27	1	16	4	97	0.00	0.0	2.930	0.004	0	0	0	2
PL.28506	PL.28505	A	#2 ACSR	7.31Y	121.8	0.00	3.17	0.97	1	7	2	96	0.00	0.0	2.965	0.036	0	0	0	1
PL.28507	PL.28506	A	#2 ACSR	7.31Y	121.8	0.00	3.17	0.00	0	0	0	100	0.00	0.0	3.014	0.049	0	0	0	0
PL.28062	PL.28506	A	#2 ACSR	7.31Y	121.8	0.00	3.17	0.97	1	7	2	96	0.00	0.0	2.996	0.031	7	2	1	1
PL.28063	PL.28505	A	#1/0 ACSR	7.31Y	121.8	0.00	3.17	1.30	1	9	2	98	0.00	0.0	2.974	0.044	9	2	1	1
PL.28648	PL.29074	A	#2 ACSR	7.31Y	121.8	0.01	3.16	2.55	1	18	4	98	0.00	0.0	2.888	0.166	3	1	1	3
PL.28649	PL.28648	A	#2 ACSR	7.31Y	121.8	0.01	3.17	2.08	1	15	4	97	0.00	0.0	2.976	0.089	0	0	0	2
PL.28862	PL.28649	A	1/0 AL URD	7.31Y	121.8	0.00	3.17	2.08	1	15	4	97	0.00	0.0	2.980	0.004	0	0	0	2
PD.3891	PL.28862	A	20T	7.31Y	121.8	0.00	3.17	2.08	0	15	4	97	0.00	0.0	2.980	0.004	0	0	0	2
PL.29075	PD.3891	A	1/0 AL URD	7.31Y	121.8	0.00	3.17	2.08	1	15	4	97	0.00	0.0	2.988	0.007	0	0	0	2
PD.3980	PL.29075	A	12T	7.31Y	121.8	0.00	3.17	2.08	0	15	4	97	0.00	0.0	2.988	0.007	0	0	0	2
PL.29076	PD.3980	A	1/0 AL URD	7.31Y	121.8	0.00	3.17	2.08	1	15	4	97	0.00	0.0	2.992	0.005	7	2	1	2
PL.28071	PL.29076	A	#1/0 ACSR	7.31Y	121.8	0.00	3.17	1.06	0	7	2	96	0.00	0.0	3.143	0.150	7	2	1	1
PL.28070	PL.29074	A	6 A (CWC)	7.31Y	121.8	0.00	3.15	0.60	0	4	1	97	0.00	0.0	2.813	0.091	0	0	0	1
PL.28072	PL.28070	A	#4 ACSR	7.31Y	121.8	0.00	3.15	0.60	0	4	1	97	0.00	0.0	2.866	0.053	4	1	1	1
PL.28863	PL.28357	C	#2 ACSR	7.32Y	122.0	0.00	2.99	2.98	2	21	5	97	0.00	0.0	2.538	0.004	0	0	0	3
PD.3892	PL.28863	C	30T	7.32Y	122.0	0.00	2.99	2.98	0	21	5	97	0.00	0.0	2.538	0.004	0	0	0	3
PL.28864	PD.3892	C	#2 ACSR	7.32Y	122.0	0.00	3.00	2.98	2	21	5	97	0.00	0.0	2.598	0.060	17	4	2	3
PL.28608	PL.28864	C	#2 ACSR	7.32Y	122.0	0.00	3.00	0.63	0	4	1	97	0.00	0.0	2.648	0.050	4	1	1	1
PL.28869	PL.28355	A	#2 ACSR	7.33Y	122.2	0.00	2.82	3.39	2	24	6	97	0.00	0.0	2.384	0.005	0	0	0	5
PD.3895	PL.28869	A	30T	7.33Y	122.2	0.00	2.82	3.39	0	24	6	97	0.00	0.0	2.384	0.005	0	0	0	5
PL.28870	PD.3895	A	#2 ACSR	7.33Y	122.2	0.00	2.82	3.39	2	24	6	97	0.00	0.0	2.402	0.018	7	2	3	5
PL.28066	PL.28870	A	6 A (CWC)	7.33Y	122.2	0.01	2.83	2.46	2	18	4	98	0.00	0.0	2.463	0.061	6	1	1	2
PL.28067	PL.28066	A	#4 ACSR	7.33Y	122.2	0.00	2.83	1.63	1	12	3	97	0.00	0.0	2.519	0.056	12	3	1	1
PL.28871	PL.28503	C	#1/0 ACSR	7.34Y	122.3	0.00	2.73	17.83	8	127	32	97	0.00	0.0	2.309	0.005	0	0	0	30
PD.3896	PL.28871	C	30T	7.34Y	122.3	0.00	2.73	17.83	0	127	32	97	0.00	0.0	2.309	0.005	0	0	0	30

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Balanced Voltage Drop Report
Source: Rice Station

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.28872	PD.3896	C	#1/0 ACSR	7.34Y	122.3	0.01	2.75	17.83	8	127	32	97	0.01	0.0	2.345	0.036	7	2	1	30
PL.28615	PL.28872	C	#1/0 ACSR	7.33Y	122.2	0.03	2.78	16.89	7	120	30	97	0.03	0.0	2.430	0.085	0	0	0	29
PL.28055	PL.28615	C	#4 ACSR	7.33Y	122.2	0.00	2.78	0.38	0	3	1	95	0.00	0.0	2.488	0.058	3	1	2	2
PL.28613	PL.28615	C	#1/0 ACSR	7.33Y	122.2	0.02	2.80	16.51	7	117	30	97	0.02	0.0	2.490	0.060	23	6	6	27
PL.28614	PL.28613	C	#1/0 ACSR	7.33Y	122.2	0.01	2.82	13.29	6	95	24	97	0.01	0.0	2.542	0.052	11	3	2	21
PL.28057	PL.28614	C	#1/0 ACSR	7.33Y	122.2	0.00	2.82	1.35	1	10	2	98	0.00	0.0	2.587	0.044	10	2	1	1
PL.28501	PL.28614	C	#1/0 ACSR	7.33Y	122.2	0.02	2.84	10.35	5	74	19	97	0.01	0.0	2.637	0.094	6	2	1	18
PL.28059	PL.28501	C	#1/0 ACSR	7.33Y	122.2	0.00	2.84	0.81	0	6	1	99	0.00	0.0	2.716	0.079	6	1	1	1
PL.28064	PL.28059	C	#4 ACSR	7.33Y	122.2	0.00	2.84	0.00	0	0	0	100	0.00	0.0	2.781	0.066	0	0	0	0
PL.28058	PL.28501	C	#4 ACSR	7.33Y	122.2	0.00	2.84	0.89	1	6	2	95	0.00	0.0	2.672	0.035	6	2	1	1
PL.28351	PL.28501	C	#1/0 ACSR	7.33Y	122.1	0.03	2.87	7.77	3	55	14	97	0.01	0.0	2.799	0.162	0	0	0	15
PL.28352	PL.28351	C	#1/0 ACSR	7.33Y	122.1	0.00	2.87	2.54	1	18	5	96	0.00	0.0	2.870	0.071	0	0	0	7
PL.28065	PL.28352	C	#1/0 ACSR	7.33Y	122.1	0.00	2.87	2.54	1	18	5	96	0.00	0.0	2.948	0.078	0	0	0	7
PL.28271	PL.28065	C	#1/0 ACSR	7.33Y	122.1	0.00	2.88	2.54	1	18	5	96	0.00	0.0	2.986	0.038	1	0	4	7
PL.28815	PL.28271	C	#2 ACSR	7.33Y	122.1	0.00	2.88	1.41	1	10	3	96	0.00	0.0	3.031	0.045	10	3	1	1
PL.28816	PL.28815	C	#2 ACSR	7.33Y	122.1	0.00	2.88	0.00	0	0	0	100	0.00	0.0	3.140	0.109	0	0	0	0
PL.28272	PL.28271	C	#1/0 ACSR	7.33Y	122.1	0.00	2.88	1.02	0	7	2	96	0.00	0.0	3.143	0.157	7	2	2	2
PL.28611	PL.28351	C	#1/0 ACSR	7.33Y	122.1	0.00	2.87	5.23	2	37	9	97	0.00	0.0	2.826	0.027	0	0	1	8
PL.28612	PL.28611	C	#1/0 ACSR	7.33Y	122.1	0.01	2.88	5.20	2	37	9	97	0.00	0.0	2.888	0.062	7	2	1	7
PL.28610	PL.28612	C	#1/0 ACSR	7.33Y	122.1	0.01	2.89	4.28	2	30	8	97	0.00	0.0	2.985	0.097	0	0	2	6
PL.28353	PL.28610	C	#1/0 ACSR	7.33Y	122.1	0.00	2.89	2.95	1	21	5	97	0.00	0.0	3.042	0.057	0	0	0	3
PL.28354	PL.28353	C	#1/0 ACSR	7.33Y	122.1	0.00	2.89	1.62	1	12	3	97	0.00	0.0	3.065	0.023	12	3	1	1
PL.28061	PL.28353	C	#1/0 ACSR	7.33Y	122.1	0.00	2.89	1.33	1	9	2	98	0.00	0.0	3.063	0.021	9	2	2	2
PL.28060	PL.28610	C	#1/0 ACSR	7.33Y	122.1	0.00	2.89	1.29	1	9	2	98	0.00	0.0	3.136	0.151	9	2	1	1
PL.28052	PL.28500	B	#2 ACSR	7.35Y	122.5	0.00	2.48	0.97	1	7	2	96	0.00	0.0	2.115	0.008	4	1	1	3
PL.28054	PL.28052	B	#4 ACSR	7.35Y	122.5	0.00	2.48	0.44	0	3	1	95	0.00	0.0	2.219	0.104	3	1	2	2
PL.28883	PL.28053	C	#1/0 ACSR	7.40Y	123.3	0.00	1.72	0.05	0	0	0	100	0.00	0.0	1.543	0.014	0	0	0	1
PD.3902	PL.28883	C	65T	7.40Y	123.3	0.00	1.72	0.05	0	0	0	100	0.00	0.0	1.543	0.014	0	0	0	1
PL.28884	PD.3902	C	#1/0 ACSR	7.40Y	123.3	0.00	1.72	0.05	0	0	0	100	0.00	0.0	1.591	0.047	0	0	1	1
PL.29117	PL.28311	ABC	336 MCM AC	7.40Y	123.3	0.01	1.71	55.38	11	1188	316	97	0.09	0.0	1.544	0.034	0	0	0	272
PL.29118	PL.29117	ABC	336 MCM AC	7.40Y	123.3	0.01	1.72	55.38	11	1188	316	97	0.07	0.0	1.573	0.028	6	1	2	272

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Balanced Voltage Drop Report
Source: Rice Station

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.28230	PL.29118	ABC	336 MCM AC	7.40Y	123.3	0.01	1.73	54.64	11	1172	312	97	0.06	0.0	1.598	0.025	0	0	0	269
PL.28232	PL.28230	ABC	#1/0 ACSR	7.39Y	123.2	0.10	1.84	54.64	24	1171	312	97	0.85	0.1	1.705	0.108	14	4	5	269
PL.28810	PL.28232	ABC	#1/0 ACSR	7.39Y	123.1	0.07	1.91	53.64	23	1149	306	97	0.56	0.0	1.779	0.074	16	4	5	262
PL.28811	PL.28810	ABC	#1/0 ACSR	7.38Y	123.0	0.09	2.00	52.90	23	1133	301	97	0.74	0.1	1.879	0.099	0	0	0	257
PL.29101	PL.28811	C	6 A (CWC)	7.38Y	123.0	0.00	2.00	0.52	0	4	1	97	0.00	0.0	1.883	0.005	0	0	0	2
PD.3994	PL.29101	C	30T	7.38Y	123.0	0.00	2.00	0.52	0	4	1	97	0.00	0.0	1.883	0.005	0	0	0	2
PL.29102	PD.3994	C	6 A (CWC)	7.38Y	123.0	0.00	2.00	0.52	0	4	1	97	0.00	0.0	1.919	0.036	0	0	0	2
PL.28809	PL.29102	C	6 A (CWC)	7.38Y	123.0	0.00	2.00	0.52	0	4	1	97	0.00	0.0	1.982	0.063	4	1	2	2
PL.28233	PL.28811	A	6 A (CWC)	7.38Y	123.0	0.00	2.01	14.97	11	107	27	97	0.00	0.0	1.881	0.003	0	0	0	30
PD.4000	PL.28233	A	65T	7.38Y	123.0	0.00	2.01	14.97	0	107	27	97	0.00	0.0	1.881	0.003	0	0	0	30
PL.28807	PD.4000	A	6 A (CWC)	7.38Y	122.9	0.05	2.06	14.97	11	107	27	97	0.04	0.0	1.957	0.076	4	1	2	30
PL.28808	PL.28807	A	6 A (CWC)	7.38Y	122.9	0.03	2.08	14.38	10	103	26	97	0.02	0.0	1.998	0.040	6	1	1	28
PL.28806	PL.28808	A	6 A (CWC)	7.37Y	122.9	0.02	2.10	13.59	10	97	24	97	0.01	0.0	2.031	0.033	0	0	0	27
PL.28314	PL.28806	A	6 A (CWC)	7.37Y	122.9	0.04	2.14	12.60	9	90	23	97	0.03	0.0	2.097	0.066	0	0	0	22
PL.28316	PL.28314	A	6 A (CWC)	7.37Y	122.8	0.07	2.21	11.57	8	83	21	97	0.04	0.1	2.230	0.134	0	0	0	19
PL.28439	PL.28316	A	6 A (CWC)	7.36Y	122.7	0.06	2.27	11.57	8	83	21	97	0.04	0.0	2.341	0.110	0	0	0	19
PL.28317	PL.28439	A	6 A (CWC)	7.36Y	122.7	0.03	2.29	10.36	7	74	19	97	0.01	0.0	2.394	0.054	0	0	0	16
PL.28800	PL.28317	A	6 A (CWC)	7.36Y	122.7	0.01	2.31	8.24	6	59	15	97	0.01	0.0	2.434	0.039	0	0	1	14
PL.28801	PL.28800	A	6 A (CWC)	7.36Y	122.7	0.02	2.33	8.24	6	59	15	97	0.01	0.0	2.486	0.052	0	0	0	13
PL.28241	PL.28801	A	#1/0 ACSR	7.36Y	122.7	0.00	2.33	0.67	0	5	1	98	0.00	0.0	2.547	0.061	5	1	1	1
PL.28320	PL.28801	A	6 A (CWC)	7.36Y	122.7	0.02	2.34	7.26	5	52	13	97	0.01	0.0	2.536	0.050	0	0	0	11
PL.28790	PL.28320	A	6 A (CWC)	7.36Y	122.6	0.01	2.36	6.06	4	43	11	97	0.00	0.0	2.588	0.052	3	1	3	10
PL.28795	PL.28790	A	6 A (CWC)	7.36Y	122.6	0.01	2.37	5.69	4	41	10	97	0.00	0.0	2.619	0.032	6	2	1	7
PL.28796	PL.28795	A	6 A (CWC)	7.36Y	122.6	0.00	2.37	4.82	3	34	9	97	0.00	0.0	2.641	0.022	0	0	0	6
PL.28791	PL.28796	A	#2 ACSR	7.36Y	122.6	0.00	2.37	2.70	2	19	5	97	0.00	0.0	2.662	0.021	0	0	0	3
PL.28792	PL.28791	A	#2 ACSR	7.36Y	122.6	0.00	2.38	2.70	2	19	5	97	0.00	0.0	2.730	0.067	12	3	2	3
PL.28242	PL.28792	A	#2 ACSR	7.36Y	122.6	0.00	2.38	1.02	1	7	2	96	0.00	0.0	2.800	0.070	7	2	1	1
PL.28793	PL.28796	A	#1/0 ACSR	7.36Y	122.6	0.00	2.37	2.12	1	15	4	97	0.00	0.0	2.654	0.013	2	0	1	3
PL.28794	PL.28793	A	#1/0 ACSR	7.36Y	122.6	0.01	2.38	1.88	1	13	3	97	0.00	0.0	2.785	0.130	0	0	0	2
PL.28788	PL.28794	A	#1/0 ACSR	7.36Y	122.6	0.00	2.38	1.88	1	13	3	97	0.00	0.0	2.871	0.086	7	2	1	2
PL.28789	PL.28788	A	#1/0 ACSR	7.36Y	122.6	0.00	2.38	0.83	0	6	1	99	0.00	0.0	2.949	0.079	6	1	1	1

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Balanced Voltage Drop Report
Source: Rice Station

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.28240	PL.28320	A	#1/0 ACSR	7.36Y	122.7	0.00	2.34	1.20	1	9	2	98	0.00	0.0	2.586	0.050	9	2	1	1
PL.28798	PL.28801	A	6 A (CWC)	7.36Y	122.7	0.00	2.33	0.31	0	2	1	89	0.00	0.0	2.514	0.028	2	1	1	1
PL.28799	PL.28798	A	6 A (CWC)	7.36Y	122.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	2.549	0.035	0	0	0	0
PL.28797	PL.28799	A	6 A (CWC)	7.36Y	122.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	2.595	0.046	0	0	0	0
PL.28319	PL.28317	A	6 A (CWC)	7.36Y	122.7	0.00	2.30	2.12	2	15	4	97	0.00	0.0	2.416	0.022	0	0	0	2
PL.28238	PL.28319	A	6 A (CWC)	7.36Y	122.7	0.01	2.30	1.21	1	9	2	98	0.00	0.0	2.518	0.102	0	0	0	1
PL.28239	PL.28238	A	6 A (CWC)	7.36Y	122.7	0.00	2.30	1.21	1	9	2	98	0.00	0.0	2.553	0.035	9	2	1	1
PL.29047	PL.28319	A	#1/0 ACSR	7.36Y	122.7	0.00	2.30	0.92	0	7	2	96	0.00	0.0	2.421	0.005	0	0	0	1
PD.3966	PL.29047	A	15T	7.36Y	122.7	0.00	2.30	0.92	0	7	2	96	0.00	0.0	2.421	0.005	0	0	0	1
PL.29048	PD.3966	A	#1/0 ACSR	7.36Y	122.7	0.00	2.30	0.92	0	7	2	96	0.00	0.0	2.451	0.030	7	2	1	1
PL.28236	PL.28439	A	#1/0 ACSR	7.36Y	122.7	0.00	2.27	1.21	1	9	2	98	0.00	0.0	2.521	0.180	5	1	1	3
PL.28237	PL.28236	A	#1/0 ACSR	7.36Y	122.7	0.00	2.27	0.48	0	3	1	95	0.00	0.0	2.701	0.181	3	1	1	1
PL.28318	PL.28236	A	#1/0 ACSR	7.36Y	122.7	0.00	2.27	0.02	0	0	0	100	0.00	0.0	2.584	0.063	0	0	1	1
PL.28802	PL.28314	A	6 A (CWC)	7.37Y	122.9	0.00	2.14	1.03	1	7	2	96	0.00	0.0	2.150	0.054	4	1	2	3
PL.28803	PL.28802	A	6 A (CWC)	7.37Y	122.9	0.00	2.14	0.48	0	3	1	95	0.00	0.0	2.181	0.030	0	0	0	1
PL.28235	PL.28803	A	#1/0 ACSR	7.37Y	122.9	0.00	2.14	0.48	0	3	1	95	0.00	0.0	2.263	0.082	3	1	1	1
PL.28315	PL.28803	A	6 A (CWC)	7.37Y	122.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	2.238	0.058	0	0	0	0
PL.28804	PL.28806	A	6 A (CWC)	7.37Y	122.9	0.00	2.10	0.99	1	7	2	96	0.00	0.0	2.070	0.039	3	1	1	5
PL.28805	PL.28804	A	6 A (CWC)	7.37Y	122.9	0.00	2.10	0.55	0	4	1	97	0.00	0.0	2.151	0.081	4	1	4	4
PL.28234	PD.4000	A	#1/0 ACSR	7.38Y	123.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	1.935	0.054	0	0	0	0
PL.28313	PL.28811	ABC	#1/0 ACSR	7.38Y	123.0	0.04	2.04	47.74	21	1021	272	97	0.27	0.0	1.922	0.044	0	0	0	225
PL.28947	PL.28313	C	#1/0 ACSR	7.38Y	123.0	0.00	2.04	1.38	1	10	2	98	0.00	0.0	1.926	0.004	0	0	0	1
PD.3937	PL.28947	C	30T	7.38Y	123.0	0.00	2.04	1.38	0	10	2	98	0.00	0.0	1.926	0.004	0	0	0	1
PL.28948	PD.3937	C	#1/0 ACSR	7.38Y	123.0	0.00	2.04	1.38	1	10	2	98	0.00	0.0	1.962	0.035	0	0	0	1
PL.28243	PL.28948	C	#1/0 ACSR	7.38Y	123.0	0.00	2.04	1.38	1	10	2	98	0.00	0.0	2.012	0.050	0	0	0	1
PL.28244	PL.28243	C	#1/0 ACSR	7.38Y	123.0	0.00	2.04	1.38	1	10	2	98	0.00	0.0	2.056	0.044	10	2	1	1
PL.28497	PL.28313	ABC	#1/0 ACSR	7.37Y	122.9	0.09	2.13	47.28	21	1011	270	97	0.62	0.1	2.026	0.104	0	0	0	224
PL.28498	PL.28497	ABC	#1/0 ACSR	7.37Y	122.8	0.06	2.19	46.18	20	987	263	97	0.38	0.0	2.094	0.068	8	2	2	220
PL.28782	PL.28498	ABC	#1/0 ACSR	7.37Y	122.8	0.03	2.22	41.33	18	885	225	97	0.21	0.0	2.142	0.047	6	2	5	203
PL.28783	PL.28782	ABC	#1/0 ACSR	7.36Y	122.7	0.03	2.25	41.05	18	879	224	97	0.20	0.0	2.186	0.045	7	2	1	198
PL.28781	PL.28783	ABC	#1/0 ACSR	7.36Y	122.7	0.04	2.29	40.71	18	872	222	97	0.21	0.0	2.235	0.048	3	1	1	197

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: Rice Station

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.28779	PL.28781	ABC	#1/0 ACSR	7.36Y	122.7	0.05	2.33	40.48	18	867	220	97	0.29	0.0	2.300	0.066	6	1	2	195	
PL.28780	PL.28779	ABC	#1/0 ACSR	7.36Y	122.6	0.04	2.38	40.21	17	861	218	97	0.26	0.0	2.362	0.062	12	3	2	193	
PL.29039	PL.28780	A	6 A (CWC)	7.36Y	122.6	0.00	2.38	2.79	2	20	5	97	0.00	0.0	2.367	0.005	0	0	0	3	
PD.3962	PL.29039	A	30T	7.36Y	122.6	0.00	2.38	2.79	0	20	5	97	0.00	0.0	2.367	0.005	0	0	0	3	
PL.29040	PD.3962	A	6 A (CWC)	7.36Y	122.6	0.01	2.38	2.79	2	20	5	97	0.00	0.0	2.421	0.054	8	2	1	3	
PL.28247	PL.29040	A	#4 ACSR	7.36Y	122.6	0.00	2.39	1.70	1	12	3	97	0.00	0.0	2.479	0.059	12	3	2	2	
PL.28323	PL.28780	ABC	#1/0 ACSR	7.35Y	122.6	0.04	2.42	38.73	17	829	210	97	0.26	0.0	2.427	0.065	0	0	1	188	
PL.28200	PL.28323	ABC	#1/0 ACSR	7.35Y	122.5	0.05	2.47	38.71	17	828	210	97	0.29	0.0	2.500	0.073	0	0	0	187	
PL.28324	PL.28200	ABC	#1/0 ACSR	7.35Y	122.5	0.05	2.52	38.47	17	822	208	97	0.26	0.0	2.566	0.066	0	0	0	185	
PL.28953	PL.28324	B	6 A (CWC)	7.35Y	122.5	0.00	2.52	0.02	0	0	0	100	0.00	0.0	2.570	0.005	0	0	0	1	
PD.3940	PL.28953	B	30T	7.35Y	122.5	0.00	2.52	0.02	0	0	0	100	0.00	0.0	2.570	0.005	0	0	0	1	
PL.28954	PD.3940	B	6 A (CWC)	7.35Y	122.5	0.00	2.52	0.02	0	0	0	100	0.00	0.0	2.587	0.017	0	0	1	1	
PL.28720	PL.28324	ABC	#1/0 ACSR	7.35Y	122.5	0.01	2.53	27.85	12	595	151	97	0.05	0.0	2.591	0.025	4	1	1	133	
PL.28728	PL.28720	ABC	#1/0 ACSR	7.35Y	122.4	0.04	2.57	27.65	12	591	150	97	0.16	0.0	2.670	0.080	0	0	1	132	
PL.28729	PL.28728	ABC	#1/0 ACSR	7.34Y	122.4	0.05	2.62	27.65	12	591	150	97	0.21	0.0	2.776	0.105	0	0	0	131	
PL.28210	PL.28729	ABC	#1/0 ACSR	7.34Y	122.3	0.08	2.70	27.65	12	590	149	97	0.31	0.1	2.928	0.152	0	0	0	131	
PL.28440	PL.28210	ABC	#1/0 ACSR	7.33Y	122.2	0.07	2.76	27.65	12	590	149	97	0.27	0.0	3.062	0.134	0	0	0	131	
PL.28817	PL.28440	ABC	#1/0 ACSR	7.33Y	122.2	0.02	2.79	27.25	12	581	147	97	0.09	0.0	3.108	0.046	1	0	1	125	
PL.29119	PL.28817	ABC	#1/0 ACSR	7.33Y	122.2	0.01	2.80	27.19	12	580	146	97	0.05	0.0	3.134	0.026	0	0	0	124	
C PD.4004	PL.29119	ABC	35L	7.33Y	122.2	0.00	2.80	27.19	78	580	146	97	0.00	0.0	3.134	0.026	0	0	0	124	C
PL.29120	PD.4004	ABC	#1/0 ACSR	7.33Y	122.2	0.00	2.80	27.19	12	580	146	97	0.01	0.0	3.137	0.004	3	1	2	124	
PL.28724	PL.29120	ABC	#1/0 ACSR	7.33Y	122.2	0.02	2.82	27.01	12	576	145	97	0.07	0.0	3.172	0.035	5	1	1	121	
PL.28725	PL.28724	ABC	#1/0 ACSR	7.33Y	122.2	0.02	2.84	26.76	12	571	144	97	0.08	0.0	3.213	0.041	6	2	1	120	
PL.28261	PL.28725	ABC	#1/0 ACSR	7.33Y	122.1	0.04	2.88	26.47	12	564	142	97	0.16	0.0	3.299	0.086	0	0	0	119	
PL.28722	PL.28261	ABC	#1/0 ACSR	7.33Y	122.1	0.03	2.91	26.00	11	554	140	97	0.11	0.0	3.362	0.063	7	2	1	118	
PL.28723	PL.28722	ABC	#1/0 ACSR	7.32Y	122.1	0.02	2.93	25.67	11	547	138	97	0.09	0.0	3.410	0.049	0	0	0	117	
PL.28957	PL.28723	C	#4 ACSR	7.32Y	122.1	0.00	2.93	1.71	1	12	3	97	0.00	0.0	3.414	0.004	0	0	0	3	
PD.3942	PL.28957	C	15T	7.32Y	122.1	0.00	2.93	1.71	0	12	3	97	0.00	0.0	3.414	0.004	0	0	0	3	
PL.28958	PD.3942	C	#4 ACSR	7.32Y	122.1	0.00	2.93	1.71	1	12	3	97	0.00	0.0	3.427	0.012	0	0	0	3	
PL.28213	PL.28958	C	6 A (CWC)	7.32Y	122.1	0.00	2.93	1.69	1	12	3	97	0.00	0.0	3.498	0.071	12	3	2	2	
PL.28331	PL.28958	C	#4 ACSR	7.32Y	122.1	0.00	2.93	0.02	0	0	0	100	0.00	0.0	3.487	0.060	0	0	1	1	

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Balanced Voltage Drop Report
Source: Rice Station

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.28330	PL.28723	ABC	#1/0 ACSR	7.32Y	122.0	0.03	2.95	25.10	11	535	135	97	0.10	0.0	3.470	0.060	0	0	0	114
PL.29121	PL.28330	ABC	#1/0 ACSR	7.32Y	122.0	0.01	2.96	11.97	5	255	64	97	0.02	0.0	3.514	0.044	0	0	0	44
PD.4005	PL.29121	ABC	35L	7.32Y	122.0	0.00	2.96	11.97	34	255	64	97	0.00	0.0	3.514	0.044	0	0	0	44
PL.29122	PD.4005	ABC	#1/0 ACSR	7.32Y	122.0	0.03	2.99	11.97	5	255	64	97	0.05	0.0	3.657	0.144	0	0	0	44
PL.28971	PL.29122	A	#1/0 ACSR	7.32Y	122.0	0.00	2.99	2.10	1	15	4	97	0.00	0.0	3.662	0.004	0	0	0	2
PD.3950	PL.28971	A	15T	7.32Y	122.0	0.00	2.99	2.10	0	15	4	97	0.00	0.0	3.662	0.004	0	0	0	2
PL.28972	PD.3950	A	#1/0 ACSR	7.32Y	122.0	0.00	3.00	2.10	1	15	4	97	0.00	0.0	3.686	0.024	9	2	1	2
PL.28334	PL.28972	A	#1/0 ACSR	7.32Y	122.0	0.00	3.00	0.82	0	6	1	99	0.00	0.0	3.737	0.052	6	1	1	1
PL.28214	PL.28972	A	#4 ACSR	7.32Y	122.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	3.717	0.031	0	0	0	0
PL.28217	PL.28214	A	#4 ACSR	7.32Y	122.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	3.763	0.046	0	0	0	0
PL.28215	PL.29122	C	#4 ACSR	7.32Y	122.0	0.00	2.99	2.79	2	20	5	97	0.00	0.0	3.662	0.005	0	0	0	3
PD.3992	PL.28215	C	15T	7.32Y	122.0	0.00	2.99	2.79	0	20	5	97	0.00	0.0	3.662	0.005	0	0	0	3
PL.28333	PD.3992	C	#4 ACSR	7.32Y	122.0	0.00	3.00	2.08	2	15	4	97	0.00	0.0	3.712	0.050	15	4	2	2
PL.28216	PD.3992	C	#4 ACSR	7.32Y	122.0	0.00	3.00	0.71	1	5	1	98	0.00	0.0	3.778	0.116	5	1	1	1
PL.28332	PL.29122	ABC	#1/0 ACSR	7.32Y	122.0	0.02	3.01	10.34	4	220	55	97	0.03	0.0	3.760	0.102	0	0	0	39
PL.28445	PL.28332	ABC	#1/0 ACSR	7.32Y	122.0	0.03	3.04	10.34	4	220	55	97	0.05	0.0	3.924	0.164	0	0	0	39
PL.28218	PL.28445	C	#4 ACSR	7.32Y	122.0	0.00	3.04	9.43	7	67	17	97	0.00	0.0	3.928	0.004	0	0	0	14
PD.3949	PL.28218	C	15T	7.32Y	122.0	0.00	3.04	9.43	0	67	17	97	0.00	0.0	3.928	0.004	0	0	0	14
PL.28296	PD.3949	C	#4 ACSR	7.32Y	122.0	0.00	3.05	4.49	3	32	8	97	0.00	0.0	3.952	0.024	0	0	1	5
PL.28219	PL.28296	C	#4 ACSR	7.32Y	121.9	0.01	3.06	4.44	3	31	8	97	0.00	0.0	4.026	0.075	7	2	1	4
PL.28220	PL.28219	C	#4 ACSR	7.32Y	121.9	0.00	3.07	3.42	3	24	6	97	0.00	0.0	4.081	0.055	24	6	3	3
PL.28490	PD.3949	C	#2 ACSR	7.32Y	121.9	0.01	3.05	4.93	3	35	9	97	0.00	0.0	3.970	0.042	8	2	1	9
PL.28495	PL.28490	C	#2 ACSR	7.32Y	121.9	0.00	3.05	3.01	2	21	5	97	0.00	0.0	3.993	0.023	0	0	0	5
PL.28221	PL.28495	C	#2 ACSR	7.32Y	121.9	0.00	3.05	1.04	1	7	2	96	0.00	0.0	4.007	0.014	7	2	2	2
PL.28747	PL.28495	C	#2 ACSR	7.32Y	121.9	0.00	3.05	1.98	1	14	4	96	0.00	0.0	4.039	0.047	7	2	2	3
PL.28748	PL.28747	C	#2 ACSR	7.32Y	121.9	0.00	3.06	1.01	1	7	2	96	0.00	0.0	4.079	0.040	7	2	1	1
PL.28222	PL.28490	C	#4 ACSR	7.32Y	121.9	0.00	3.05	0.72	1	5	1	98	0.00	0.0	4.035	0.066	5	1	3	3
PL.28335	PL.28445	ABC	#1/0 ACSR	7.32Y	121.9	0.02	3.06	7.20	3	153	38	97	0.02	0.0	4.090	0.167	0	0	0	25
PL.28969	PL.28335	A	#2 ACSR	7.32Y	121.9	0.00	3.06	0.87	0	6	2	95	0.00	0.0	4.094	0.004	0	0	0	2
PD.3948	PL.28969	A	15T	7.32Y	121.9	0.00	3.06	0.87	0	6	2	95	0.00	0.0	4.094	0.004	0	0	0	2
PL.28970	PD.3948	A	#2 ACSR	7.32Y	121.9	0.00	3.07	0.87	0	6	2	95	0.00	0.0	4.106	0.011	0	0	1	2

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Balanced Voltage Drop Report
Source: Rice Station

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.28746	PL.28970	A	#2 ACSR	7.32Y	121.9	0.00	3.07	0.87	0	6	2	95	0.00	0.0	4.267	0.161	6	2	1	1
PL.29099	PL.28335	C	#4 ACSR	7.32Y	121.9	0.00	3.07	20.73	16	147	37	97	0.00	0.0	4.094	0.004	0	0	0	23
PD.3993	PL.29099	C	15T	7.32Y	121.9	0.00	3.07	20.73	0	147	37	97	0.00	0.0	4.094	0.004	0	0	0	23
PL.29100	PD.3993	C	#4 ACSR	7.31Y	121.9	0.04	3.11	20.73	16	147	37	97	0.04	0.0	4.139	0.045	16	4	2	23
PL.28743	PL.29100	C	#4 ACSR	7.31Y	121.9	0.03	3.14	17.19	13	122	30	97	0.03	0.0	4.186	0.046	16	4	2	19
PL.28744	PL.28743	C	#4 ACSR	7.31Y	121.8	0.04	3.18	14.93	11	106	26	97	0.03	0.0	4.253	0.068	6	2	1	17
PL.28745	PL.28744	C	#4 ACSR	7.31Y	121.8	0.01	3.20	14.08	11	100	25	97	0.01	0.0	4.278	0.025	13	3	2	16
PL.28223	PL.28745	C	#4 ACSR	7.31Y	121.8	0.02	3.22	12.25	9	87	22	97	0.02	0.0	4.324	0.046	0	0	0	14
PL.28224	PL.28223	C	#2 ACSR	7.31Y	121.8	0.02	3.24	10.59	6	75	19	97	0.01	0.0	4.373	0.049	6	1	1	12
PL.28227	PL.28224	C	#4 ACSR	7.31Y	121.8	0.00	3.24	0.79	1	6	1	99	0.00	0.0	4.399	0.026	6	1	1	1
PL.28226	PL.28224	C	#4 ACSR	7.30Y	121.7	0.02	3.26	8.97	7	64	16	97	0.01	0.0	4.424	0.051	9	2	1	10
PL.28228	PL.28226	C	#4 ACSR	7.30Y	121.7	0.01	3.27	7.76	6	55	14	97	0.00	0.0	4.459	0.035	9	2	1	9
PL.28739	PL.28228	C	#2 ACSR	7.30Y	121.7	0.00	3.27	2.85	2	20	5	97	0.00	0.0	4.494	0.035	11	3	2	3
PL.28740	PL.28739	C	#2 ACSR	7.30Y	121.7	0.00	3.27	1.23	1	9	2	98	0.00	0.0	4.533	0.039	9	2	1	1
PL.28741	PL.28228	C	#2 ACSR	7.30Y	121.7	0.00	3.27	2.45	1	17	4	97	0.00	0.0	4.544	0.084	15	4	2	4
PL.28742	PL.28741	C	#2 ACSR	7.30Y	121.7	0.00	3.27	0.28	0	2	0	100	0.00	0.0	4.563	0.019	2	0	2	2
PL.28229	PL.28228	C	#2 ACSR	7.30Y	121.7	0.00	3.27	1.15	1	8	2	97	0.00	0.0	4.597	0.138	8	2	1	1
PL.28225	PL.28223	C	#4 ACSR	7.31Y	121.8	0.00	3.23	1.66	1	12	3	97	0.00	0.0	4.387	0.063	6	2	1	2
PL.28967	PL.28225	C	1/0 AL URD	7.31Y	121.8	0.00	3.23	0.77	0	5	1	98	0.00	0.0	4.391	0.004	0	0	0	1
PD.3947	PL.28967	C	10T	7.31Y	121.8	0.00	3.23	0.77	0	5	1	98	0.00	0.0	4.391	0.004	0	0	0	1
PL.28968	PD.3947	C	1/0 AL URD	7.31Y	121.8	0.00	3.23	0.77	0	5	1	98	0.00	0.0	4.429	0.039	5	1	1	1
PL.28347	PL.29100	C	#4 ACSR	7.31Y	121.9	0.00	3.11	1.34	1	10	2	98	0.00	0.0	4.174	0.034	10	2	2	2
PL.29125	PL.28330	ABC	#1/0 ACSR	7.32Y	122.0	0.04	2.99	13.13	6	280	70	97	0.07	0.0	3.632	0.162	0	0	0	70
PL.29126	PL.29125	ABC	#1/0 ACSR	7.32Y	122.0	0.01	3.00	13.13	6	280	70	97	0.01	0.0	3.661	0.029	1	0	1	70
PL.28721	PL.29126	ABC	#1/0 ACSR	7.32Y	122.0	0.01	3.01	13.06	6	278	70	97	0.03	0.0	3.719	0.058	0	0	0	69
PL.28485	PL.28721	ABC	#1/0 ACSR	7.32Y	122.0	0.01	3.02	12.78	6	272	69	97	0.02	0.0	3.772	0.053	0	0	0	67
PL.28336	PL.28485	ABC	#1/0 ACSR	7.32Y	122.0	0.02	3.04	12.56	5	267	67	97	0.03	0.0	3.845	0.073	0	0	0	66
PL.28483	PL.28336	ABC	#1/0 ACSR	7.32Y	122.0	0.01	3.05	12.38	5	263	66	97	0.01	0.0	3.883	0.038	11	3	1	64
PL.29033	PL.28483	A	#2 ACSR	7.32Y	122.0	0.00	3.05	2.70	2	19	5	97	0.00	0.0	3.887	0.004	0	0	0	4
PD.3959	PL.29033	A	15T	7.32Y	122.0	0.00	3.05	2.70	0	19	5	97	0.00	0.0	3.887	0.004	0	0	0	4
PL.29034	PD.3959	A	#2 ACSR	7.32Y	121.9	0.00	3.05	2.70	2	19	5	97	0.00	0.0	3.909	0.022	19	5	4	4

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Balanced Voltage Drop Report
Source: Rice Station

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.28484	PL.28483	ABC	#1/0 ACSR	7.32Y	121.9	0.01	3.06	10.95	5	233	59	97	0.02	0.0	3.940	0.057	0	0	0	59
PL.29029	PL.28484	C	#2 ACSR	7.32Y	121.9	0.00	3.06	3.64	2	26	6	97	0.00	0.0	3.944	0.005	0	0	0	8
PD.3957	PL.29029	C	15T	7.32Y	121.9	0.00	3.06	3.64	0	26	6	97	0.00	0.0	3.944	0.005	0	0	0	8
PL.29030	PD.3957	C	#2 ACSR	7.32Y	121.9	0.00	3.06	3.64	2	26	6	97	0.00	0.0	3.954	0.010	4	1	2	8
PL.28774	PL.29030	C	#2 ACSR	7.32Y	121.9	0.00	3.07	3.13	2	22	6	96	0.00	0.0	4.001	0.047	7	2	2	6
PL.28773	PL.28774	C	#2 ACSR	7.32Y	121.9	0.00	3.07	2.08	1	15	4	97	0.00	0.0	4.060	0.059	0	0	0	4
PL.29031	PL.28773	C	#2 ACSR	7.32Y	121.9	0.00	3.07	0.98	1	7	2	96	0.00	0.0	4.065	0.005	0	0	0	1
PD.3958	PL.29031	C	10T	7.32Y	121.9	0.00	3.07	0.98	0	7	2	96	0.00	0.0	4.065	0.005	0	0	0	1
PL.29032	PD.3958	C	#2 ACSR	7.32Y	121.9	0.00	3.07	0.98	1	7	2	96	0.00	0.0	4.106	0.041	7	2	1	1
PL.28337	PL.28773	C	#2 ACSR	7.32Y	121.9	0.01	3.07	1.10	1	8	2	97	0.00	0.0	4.219	0.158	0	0	0	3
PL.28338	PL.28337	C	#2 ACSR	7.32Y	121.9	0.00	3.07	0.03	0	0	0	100	0.00	0.0	4.365	0.146	0	0	0	1
PL.28443	PL.28338	C	#2 ACSR	7.32Y	121.9	0.00	3.07	0.03	0	0	0	100	0.00	0.0	4.426	0.061	0	0	1	1
PL.28771	PL.28337	C	#1/0 ACSR	7.32Y	121.9	0.00	3.08	1.06	0	8	2	97	0.00	0.0	4.237	0.018	4	1	1	2
PL.28772	PL.28771	C	#1/0 ACSR	7.32Y	121.9	0.00	3.08	0.52	0	4	1	97	0.00	0.0	4.268	0.031	4	1	1	1
PL.28769	PL.28484	ABC	#1/0 ACSR	7.32Y	121.9	0.01	3.07	9.73	4	207	52	97	0.02	0.0	4.009	0.069	6	2	1	51
PL.28770	PL.28769	ABC	#1/0 ACSR	7.32Y	121.9	0.01	3.08	9.43	4	201	51	97	0.02	0.0	4.074	0.065	5	1	1	50
PL.28768	PL.28770	ABC	#1/0 ACSR	7.31Y	121.9	0.01	3.09	9.19	4	196	49	97	0.01	0.0	4.119	0.045	8	2	1	49
PL.29103	PL.28768	A	6 A (CWC)	7.31Y	121.9	0.00	3.09	7.52	5	53	13	97	0.00	0.0	4.123	0.004	0	0	0	15
PD.3995	PL.29103	A	15T	7.31Y	121.9	0.00	3.09	7.52	0	53	13	97	0.00	0.0	4.123	0.004	0	0	0	15
PL.29104	PD.3995	A	6 A (CWC)	7.31Y	121.9	0.04	3.13	7.52	5	53	13	97	0.02	0.0	4.247	0.124	0	0	0	15
PL.28263	PL.29104	A	6 A (CWC)	7.31Y	121.9	0.02	3.15	3.30	2	23	6	97	0.00	0.0	4.352	0.104	0	0	0	6
PL.28269	PL.28263	A	#4 ACSR	7.31Y	121.8	0.00	3.15	0.93	1	7	2	96	0.00	0.0	4.416	0.064	7	2	1	1
PL.28339	PL.28263	A	6 A (CWC)	7.31Y	121.8	0.01	3.16	2.37	2	17	4	97	0.00	0.0	4.433	0.082	0	0	1	5
PL.28267	PL.28339	A	6 A (CWC)	7.31Y	121.8	0.00	3.16	1.15	1	8	2	97	0.00	0.0	4.517	0.084	1	0	1	3
PL.28268	PL.28267	A	6 A (CWC)	7.31Y	121.8	0.01	3.17	1.03	1	7	2	96	0.00	0.0	4.681	0.164	0	0	1	2
PL.28270	PL.28268	A	#4 ACSR	7.31Y	121.8	0.00	3.17	1.02	1	7	2	96	0.00	0.0	4.829	0.149	7	2	1	1
PL.28266	PL.28339	A	6 A (CWC)	7.31Y	121.8	0.00	3.16	1.22	1	9	2	98	0.00	0.0	4.520	0.087	9	2	1	1
PL.28265	PL.29104	A	#4 ACSR	7.31Y	121.9	0.01	3.15	4.22	3	30	8	97	0.00	0.0	4.324	0.077	0	0	0	9
PL.28818	PL.28265	A	#4 ACSR	7.31Y	121.8	0.00	3.15	1.33	1	9	2	98	0.00	0.0	4.438	0.113	9	2	3	6
PL.28819	PL.28818	A	#4 ACSR	7.31Y	121.8	0.00	3.15	0.00	0	0	0	100	0.00	0.0	4.472	0.034	0	0	3	3
PL.28820	PL.28265	A	#1/0 ACSR	7.31Y	121.8	0.00	3.15	2.90	1	21	5	97	0.00	0.0	4.358	0.034	6	1	1	3

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Balanced Voltage Drop Report
Source: Rice Station

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.28821	PL.28820	A	#1/0 ACSR	7.31Y	121.8	0.00	3.15	2.10	1	15	4	97	0.00	0.0	4.383	0.025	8	2	1	2
PL.28264	PL.28821	A	#1/0 ACSR	7.31Y	121.8	0.00	3.15	1.03	0	7	2	96	0.00	0.0	4.432	0.049	7	2	1	1
PL.29027	PL.28768	B	6 A (CWC)	7.31Y	121.9	0.00	3.09	18.96	14	134	34	97	0.00	0.0	4.123	0.004	0	0	0	33
PD.3956	PL.29027	B	15T	7.31Y	121.9	0.00	3.09	18.96	0	134	34	97	0.00	0.0	4.123	0.004	0	0	0	33
PL.29028	PD.3956	B	6 A (CWC)	7.31Y	121.8	0.08	3.17	18.96	14	134	34	97	0.08	0.1	4.214	0.091	6	1	1	33
PL.28767	PL.29028	B	6 A (CWC)	7.31Y	121.8	0.05	3.22	18.15	13	129	32	97	0.05	0.0	4.277	0.063	0	0	1	32
PL.28340	PL.28767	B	6 A (CWC)	7.30Y	121.7	0.04	3.26	17.52	13	124	31	97	0.04	0.0	4.328	0.051	5	1	1	30
PL.28251	PL.28340	B	6 A (CWC)	7.30Y	121.7	0.00	3.27	2.01	1	14	4	96	0.00	0.0	4.395	0.067	7	2	1	2
PL.28250	PL.28251	B	6 A (CWC)	7.30Y	121.7	0.00	3.27	1.04	1	7	2	96	0.00	0.0	4.445	0.051	7	2	1	1
PL.28341	PL.28340	B	6 A (CWC)	7.30Y	121.6	0.12	3.38	14.78	11	105	26	97	0.09	0.1	4.517	0.189	16	4	3	27
PL.28737	PL.28341	B	6 A (CWC)	7.29Y	121.6	0.04	3.42	9.02	6	64	16	97	0.02	0.0	4.629	0.112	9	2	2	18
PL.28738	PL.28737	B	6 A (CWC)	7.29Y	121.6	0.02	3.45	7.80	6	55	14	97	0.01	0.0	4.703	0.074	8	2	1	16
PL.28736	PL.28738	B	6 A (CWC)	7.29Y	121.5	0.02	3.47	6.65	5	47	12	97	0.01	0.0	4.779	0.076	0	0	1	15
PL.28256	PL.28736	B	6 A (CWC)	7.29Y	121.5	0.00	3.47	1.14	1	8	2	97	0.00	0.0	4.848	0.070	8	2	2	2
PL.28344	PL.28736	B	6 A (CWC)	7.29Y	121.5	0.02	3.49	5.45	4	39	10	97	0.01	0.0	4.875	0.097	0	0	0	12
PL.28444	PL.28344	B	6 A (CWC)	7.29Y	121.5	0.02	3.51	5.45	4	39	10	97	0.01	0.0	4.970	0.095	5	1	2	12
PL.28734	PL.28444	B	#4 ACSR	7.29Y	121.5	0.00	3.52	0.31	0	2	1	89	0.00	0.0	5.039	0.069	0	0	0	1
PL.28735	PL.28734	B	#4 ACSR	7.29Y	121.5	0.00	3.52	0.31	0	2	1	89	0.00	0.0	5.108	0.068	2	1	1	1
PL.28345	PL.28444	B	6 A (CWC)	7.29Y	121.5	0.02	3.54	4.40	3	31	8	97	0.01	0.0	5.088	0.118	0	0	0	9
PL.28257	PL.28345	B	6 A (CWC)	7.29Y	121.5	0.00	3.54	0.75	1	5	1	98	0.00	0.0	5.131	0.043	4	1	1	2
PL.28259	PL.28257	B	#2 ACSR	7.29Y	121.5	0.00	3.54	0.12	0	1	0	100	0.00	0.0	5.186	0.055	0	0	0	1
PL.28258	PL.28259	B	#2 ACSR	7.29Y	121.5	0.00	3.54	0.12	0	1	0	100	0.00	0.0	5.345	0.159	1	0	1	1
PL.28346	PL.28259	B	#2 ACSR	7.29Y	121.5	0.00	3.54	0.00	0	0	0	100	0.00	0.0	5.210	0.024	0	0	0	0
PL.28732	PL.28345	B	#2 ACSR	7.29Y	121.5	0.00	3.54	3.65	2	26	6	97	0.00	0.0	5.118	0.030	4	1	1	7
PL.28733	PL.28732	B	#2 ACSR	7.29Y	121.5	0.00	3.55	3.08	2	22	5	98	0.00	0.0	5.165	0.047	5	1	1	6
PL.28482	PL.28733	B	#2 ACSR	7.29Y	121.5	0.00	3.55	1.67	1	12	3	97	0.00	0.0	5.202	0.037	11	3	2	3
PL.28260	PL.28482	B	#2 ACSR	7.29Y	121.5	0.00	3.55	0.11	0	1	0	100	0.00	0.0	5.241	0.039	1	0	1	1
PL.28730	PL.28733	B	6 A (CWC)	7.29Y	121.5	0.00	3.55	0.65	0	5	1	98	0.00	0.0	5.267	0.102	4	1	1	2
PL.28731	PL.28730	B	6 A (CWC)	7.29Y	121.5	0.00	3.55	0.02	0	0	0	100	0.00	0.0	5.340	0.073	0	0	1	1
PL.28253	PL.28341	B	#4 ACSR	7.30Y	121.6	0.00	3.38	3.53	3	25	6	97	0.00	0.0	4.544	0.027	6	2	1	6
PL.28254	PL.28253	B	#2 ACSR	7.30Y	121.6	0.00	3.38	0.55	0	4	1	97	0.00	0.0	4.564	0.020	4	1	1	1

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Balanced Voltage Drop Report
Source: Rice Station

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.28342	PL.28253	B	#4 ACSR	7.30Y	121.6	0.00	3.39	2.12	2	15	4	97	0.00	0.0	4.579	0.035	0	0	0	4
PL.28255	PL.28342	B	#4 ACSR	7.30Y	121.6	0.00	3.39	1.03	1	7	2	96	0.00	0.0	4.610	0.031	7	2	2	2
PL.28343	PL.28342	B	#4 ACSR	7.30Y	121.6	0.00	3.39	1.09	1	8	2	97	0.00	0.0	4.617	0.038	0	0	0	2
PL.28822	PL.28343	B	#1/0 ACSR	7.30Y	121.6	0.00	3.39	1.09	0	8	2	97	0.00	0.0	4.735	0.118	7	2	1	2
PL.28823	PL.28822	B	#1/0 ACSR	7.30Y	121.6	0.00	3.39	0.06	0	0	0	100	0.00	0.0	4.789	0.054	0	0	1	1
PL.28252	PL.28767	B	#4 ACSR	7.31Y	121.8	0.00	3.22	0.62	0	4	1	97	0.00	0.0	4.412	0.135	4	1	1	1
PL.29035	PL.28336	A	#2 ACSR	7.32Y	122.0	0.00	3.04	0.55	0	4	1	97	0.00	0.0	3.849	0.005	0	0	0	2
PD.3960	PL.29035	A	15T	7.32Y	122.0	0.00	3.04	0.55	0	4	1	97	0.00	0.0	3.849	0.005	0	0	0	2
PL.29036	PD.3960	A	#2 ACSR	7.32Y	122.0	0.00	3.04	0.55	0	4	1	97	0.00	0.0	3.895	0.046	0	0	0	2
PL.28248	PL.29036	A	#2 ACSR	7.32Y	122.0	0.00	3.04	0.36	0	3	1	95	0.00	0.0	3.933	0.038	3	1	1	1
PL.28249	PL.29036	A	6 A (CWC)	7.32Y	122.0	0.00	3.04	0.19	0	1	0	100	0.00	0.0	4.004	0.109	0	0	0	1
PL.28776	PL.28249	A	6 A (CWC)	7.32Y	122.0	0.00	3.04	0.19	0	1	0	100	0.00	0.0	4.104	0.099	0	0	0	1
PL.28777	PL.28776	A	6 A (CWC)	7.32Y	122.0	0.00	3.04	0.19	0	1	0	100	0.00	0.0	4.135	0.031	1	0	1	1
PL.28775	PL.28777	A	6 A (CWC)	7.32Y	122.0	0.00	3.04	0.00	0	0	0	100	0.00	0.0	4.188	0.053	0	0	0	0
PL.29037	PL.28485	A	#2 ACSR	7.32Y	122.0	0.00	3.02	0.65	0	5	1	98	0.00	0.0	3.776	0.005	0	0	0	1
PD.3961	PL.29037	A	15T	7.32Y	122.0	0.00	3.02	0.65	0	5	1	98	0.00	0.0	3.776	0.005	0	0	0	1
PL.29038	PD.3961	A	#2 ACSR	7.32Y	122.0	0.00	3.03	0.65	0	5	1	98	0.00	0.0	3.809	0.033	0	0	0	1
PL.28778	PL.29038	A	#2 ACSR	7.32Y	122.0	0.00	3.03	0.65	0	5	1	98	0.00	0.0	3.855	0.045	5	1	1	1
PL.28955	PL.28721	C	6 A (CWC)	7.32Y	122.0	0.00	3.01	0.86	1	6	2	95	0.00	0.0	3.723	0.004	0	0	0	2
PD.3941	PL.28955	C	15T	7.32Y	122.0	0.00	3.01	0.86	0	6	2	95	0.00	0.0	3.723	0.004	0	0	0	2
PL.28956	PD.3941	C	6 A (CWC)	7.32Y	122.0	0.00	3.01	0.86	1	6	2	95	0.00	0.0	3.737	0.014	6	2	2	2
CP.42	PL.29125	ABC	Cap (300)	7.32Y	122.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	3.632	0.014	0	0	0	0
PL.28959	PL.28261	C	#1/0 ACSR	7.33Y	122.1	0.00	2.88	1.41	1	10	3	96	0.00	0.0	3.303	0.004	0	0	0	1
PD.3943	PL.28959	C	15T	7.33Y	122.1	0.00	2.88	1.41	0	10	3	96	0.00	0.0	3.303	0.004	0	0	0	1
PL.28960	PD.3943	C	#1/0 ACSR	7.33Y	122.1	0.00	2.88	1.41	1	10	3	96	0.00	0.0	3.386	0.084	10	3	1	1
PL.28961	PL.29120	A	#2 ACSR	7.33Y	122.2	0.00	2.80	0.17	0	1	0	100	0.00	0.0	3.142	0.004	0	0	0	1
PD.3944	PL.28961	A	15T	7.33Y	122.2	0.00	2.80	0.17	0	1	0	100	0.00	0.0	3.142	0.004	0	0	0	1
PL.28962	PD.3944	A	#2 ACSR	7.33Y	122.2	0.00	2.80	0.17	0	1	0	100	0.00	0.0	3.237	0.095	0	0	0	1
PL.28211	PL.28962	A	#2 ACSR	7.33Y	122.2	0.00	2.80	0.17	0	1	0	100	0.00	0.0	3.332	0.096	1	0	1	1
PL.28329	PL.28962	A	#2 ACSR	7.33Y	122.2	0.00	2.80	0.00	0	0	0	100	0.00	0.0	3.299	0.062	0	0	0	0
PL.28963	PL.28440	C	6 A (CWC)	7.33Y	122.2	0.00	2.76	0.02	0	0	0	100	0.00	0.0	3.066	0.004	0	0	0	1

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Balanced Voltage Drop Report
Source: Rice Station

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

Units Displayed In Volts
-Base Voltage:120.0-

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Element Length (mi)	Element KW	Element KVAR	Element Cons On	Element Cons Thru
PD.3945	PL.28963	C	30T	7.33Y	122.2	0.00	2.76	0.02	0	0	0	100	0.00	0.0	3.066	0.004	0	0	0	1
PL.28964	PD.3945	C	6 A (CWC)	7.33Y	122.2	0.00	2.76	0.02	0	0	0	100	0.00	0.0	3.115	0.049	0	0	1	1
PL.29097	PL.28440	C	6 A (CWC)	7.33Y	122.2	0.00	2.76	1.18	1	8	2	97	0.00	0.0	3.066	0.004	0	0	0	5
PD.3991	PL.29097	C	30T	7.33Y	122.2	0.00	2.76	1.18	0	8	2	97	0.00	0.0	3.066	0.004	0	0	0	5
PL.29098	PD.3991	C	6 A (CWC)	7.33Y	122.2	0.00	2.77	1.18	1	8	2	97	0.00	0.0	3.153	0.087	8	2	3	5
PL.28726	PL.29098	C	#4 ACSR	7.33Y	122.2	0.00	2.77	0.08	0	1	0	100	0.00	0.0	3.206	0.053	0	0	1	2
PL.28727	PL.28726	C	#4 ACSR	7.33Y	122.2	0.00	2.77	0.06	0	0	0	100	0.00	0.0	3.290	0.084	0	0	1	1
PL.28212	PL.29098	C	#4 ACSR	7.33Y	122.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.212	0.058	0	0	0	0
PL.28262	PL.28212	C	#4 ACSR	7.33Y	122.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.361	0.149	0	0	0	0
PL.28441	PL.28262	C	#4 ACSR	7.33Y	122.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.519	0.159	0	0	0	0
PL.28442	PL.28441	C	#4 ACSR	7.33Y	122.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.640	0.121	0	0	0	0
PL.29123	PL.28324	ABC	#1/0 ACSR	7.35Y	122.5	0.01	2.53	10.61	5	227	57	97	0.01	0.0	2.614	0.048	0	0	0	51
PD.4006	PL.29123	ABC	35L	7.35Y	122.5	0.00	2.53	10.61	30	227	57	97	0.00	0.0	2.614	0.048	0	0	0	51
PL.29124	PD.4006	ABC	#1/0 ACSR	7.35Y	122.5	0.01	2.53	10.61	5	227	57	97	0.01	0.0	2.641	0.027	11	3	1	51
PL.28719	PL.29124	ABC	#1/0 ACSR	7.35Y	122.5	0.01	2.55	10.12	4	216	54	97	0.02	0.0	2.723	0.082	9	2	2	50
PL.28718	PL.28719	ABC	#1/0 ACSR	7.35Y	122.4	0.02	2.56	9.71	4	208	52	97	0.02	0.0	2.815	0.092	0	0	0	48
PL.29025	PL.28718	C	#4 ACSR	7.35Y	122.4	0.00	2.56	2.97	2	21	5	97	0.00	0.0	2.820	0.005	0	0	0	4
PD.3955	PL.29025	C	15T	7.35Y	122.4	0.00	2.56	2.97	0	21	5	97	0.00	0.0	2.820	0.005	0	0	0	4
PL.29026	PD.3955	C	#4 ACSR	7.35Y	122.4	0.00	2.56	2.97	2	21	5	97	0.00	0.0	2.826	0.006	0	0	0	4
PL.28328	PL.29026	C	#4 ACSR	7.35Y	122.4	0.00	2.57	2.38	2	17	4	97	0.00	0.0	2.860	0.034	17	4	2	2
PL.28765	PL.29026	C	#4 ACSR	7.35Y	122.4	0.00	2.57	0.60	0	4	1	97	0.00	0.0	2.847	0.021	4	1	2	2
PL.28766	PL.28765	C	#4 ACSR	7.35Y	122.4	0.00	2.57	0.00	0	0	0	100	0.00	0.0	2.899	0.052	0	0	0	0
PL.28325	PL.28718	ABC	#1/0 ACSR	7.35Y	122.4	0.02	2.58	8.72	4	186	47	97	0.02	0.0	2.919	0.104	0	0	0	44
PL.28326	PL.28325	ABC	#1/0 ACSR	7.34Y	122.4	0.02	2.59	7.62	3	163	41	97	0.02	0.0	3.030	0.111	0	0	0	38
PL.28977	PL.28326	A	#4 ACSR	7.34Y	122.4	0.00	2.59	1.66	1	12	3	97	0.00	0.0	3.035	0.005	0	0	0	2
PD.3953	PL.28977	A	15T	7.34Y	122.4	0.00	2.59	1.66	0	12	3	97	0.00	0.0	3.035	0.005	0	0	0	2
PL.29022	PD.3953	A	#4 ACSR	7.34Y	122.4	0.00	2.60	1.66	1	12	3	97	0.00	0.0	3.163	0.128	12	3	2	2
PL.28327	PL.28326	ABC	#1/0 ACSR	7.34Y	122.4	0.01	2.60	7.07	3	151	38	97	0.01	0.0	3.084	0.054	9	2	2	36
PL.28762	PL.28327	ABC	#1/0 ACSR	7.34Y	122.4	0.01	2.61	6.66	3	142	36	97	0.01	0.0	3.147	0.063	5	1	2	34
PL.28763	PL.28762	ABC	#1/0 ACSR	7.34Y	122.4	0.01	2.61	6.41	3	137	34	97	0.01	0.0	3.201	0.054	6	2	1	32
PL.28761	PL.28763	ABC	#1/0 ACSR	7.34Y	122.4	0.00	2.62	6.13	3	131	33	97	0.00	0.0	3.241	0.040	6	2	2	31

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

Balanced Voltage Drop Report
Source: Rice Station

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.28760	PL.28761	ABC	#1/0 ACSR	7.34Y	122.4	0.00	2.62	5.83	3	125	31	97	0.00	0.0	3.259	0.017	0	0	0	29
PL.28757	PL.28760	ABC	#1/0 ACSR	7.34Y	122.4	0.00	2.62	2.99	1	64	16	97	0.00	0.0	3.315	0.056	6	2	1	17
PL.28758	PL.28757	ABC	#1/0 ACSR	7.34Y	122.4	0.00	2.63	2.70	1	58	14	97	0.00	0.0	3.357	0.042	1	0	1	16
PL.28759	PL.28758	ABC	#1/0 ACSR	7.34Y	122.4	0.00	2.63	2.67	1	57	14	97	0.00	0.0	3.385	0.028	0	0	0	15
PL.28973	PL.28759	A	#4 ACSR	7.34Y	122.4	0.00	2.63	7.61	6	54	14	97	0.00	0.0	3.389	0.004	0	0	0	14
PD.3951	PL.28973	A	15T	7.34Y	122.4	0.00	2.63	7.61	0	54	14	97	0.00	0.0	3.389	0.004	0	0	0	14
PL.28974	PD.3951	A	#4 ACSR	7.34Y	122.3	0.03	2.66	7.61	6	54	14	97	0.01	0.0	3.489	0.099	8	2	2	14
PL.28207	PL.28974	A	#4 ACSR	7.34Y	122.3	0.00	2.66	1.25	1	9	2	98	0.00	0.0	3.593	0.105	9	2	1	1
PL.28206	PL.28974	A	#4 ACSR	7.34Y	122.3	0.00	2.66	0.71	1	5	1	98	0.00	0.0	3.553	0.065	5	1	1	1
PL.28749	PL.28974	A	#4 ACSR	7.34Y	122.3	0.01	2.67	4.46	3	32	8	97	0.00	0.0	3.533	0.045	3	1	1	10
PL.28750	PL.28749	A	#4 ACSR	7.34Y	122.3	0.01	2.67	3.97	3	28	7	97	0.00	0.0	3.569	0.036	0	0	0	9
PL.28209	PL.28750	A	#2 ACSR	7.34Y	122.3	0.00	2.67	0.71	0	5	1	98	0.00	0.0	3.592	0.023	5	1	1	1
PL.28208	PL.28750	A	#4 ACSR	7.34Y	122.3	0.00	2.68	3.26	3	23	6	97	0.00	0.0	3.608	0.039	23	6	8	8
PL.28205	PL.28759	C	#4 ACSR	7.34Y	122.4	0.00	2.63	0.40	0	3	1	95	0.00	0.0	3.389	0.004	0	0	0	1
PD.3990	PL.28205	C	15T	7.34Y	122.4	0.00	2.63	0.40	0	3	1	95	0.00	0.0	3.389	0.004	0	0	0	1
PL.28295	PD.3990	C	#4 ACSR	7.34Y	122.4	0.00	2.63	0.40	0	3	1	95	0.00	0.0	3.506	0.117	3	1	1	1
PL.28204	PD.3990	C	#4 ACSR	7.34Y	122.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	3.460	0.071	0	0	0	0
PL.28975	PL.28760	A	#4 ACSR	7.34Y	122.4	0.00	2.62	8.52	7	61	15	97	0.00	0.0	3.263	0.005	0	0	0	12
PD.3952	PL.28975	A	15T	7.34Y	122.4	0.00	2.62	8.52	0	61	15	97	0.00	0.0	3.263	0.005	0	0	0	12
PL.28976	PD.3952	A	#4 ACSR	7.34Y	122.4	0.02	2.64	8.52	7	61	15	97	0.01	0.0	3.311	0.048	10	3	3	12
PL.28202	PL.28976	A	#4 ACSR	7.34Y	122.4	0.00	2.64	1.65	1	12	3	97	0.00	0.0	3.367	0.055	12	3	3	3
PL.28755	PL.28976	A	#4 ACSR	7.34Y	122.3	0.01	2.65	5.45	4	39	10	97	0.00	0.0	3.383	0.072	14	3	2	6
PL.28756	PL.28755	A	#4 ACSR	7.34Y	122.3	0.00	2.66	3.53	3	25	6	97	0.00	0.0	3.422	0.039	10	2	1	4
PL.28754	PL.28756	A	#4 ACSR	7.34Y	122.3	0.00	2.66	2.14	2	15	4	97	0.00	0.0	3.445	0.023	0	0	0	3
PL.28751	PL.28754	A	#1/0 ACSR	7.34Y	122.3	0.00	2.66	0.86	0	6	2	95	0.00	0.0	3.550	0.104	0	0	0	2
PL.28752	PL.28751	A	#1/0 ACSR	7.34Y	122.3	0.00	2.66	0.86	0	6	2	95	0.00	0.0	3.591	0.041	6	2	1	2
PL.28753	PL.28752	A	#1/0 ACSR	7.34Y	122.3	0.00	2.66	0.02	0	0	0	100	0.00	0.0	3.656	0.066	0	0	1	1
PL.28203	PL.28754	A	#1/0 ACSR	7.34Y	122.3	0.00	2.66	1.27	1	9	2	98	0.00	0.0	3.466	0.021	9	2	1	1
PL.29023	PL.28325	A	6 A (CWC)	7.35Y	122.4	0.00	2.58	3.30	2	23	6	97	0.00	0.0	2.923	0.005	0	0	0	6
PD.3954	PL.29023	A	15T	7.35Y	122.4	0.00	2.58	3.30	0	23	6	97	0.00	0.0	2.923	0.005	0	0	0	6
PL.29024	PD.3954	A	6 A (CWC)	7.34Y	122.4	0.01	2.59	3.30	2	23	6	97	0.00	0.0	2.996	0.072	11	3	4	6

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Balanced Voltage Drop Report
Source: Rice Station

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.28764	PL.29024	A	6 A (CWC)	7.34Y	122.4	0.00	2.59	1.70	1	12	3	97	0.00	0.0	3.029	0.033	6	1	1	2
PL.28201	PL.28764	A	#1/0 ACSR	7.34Y	122.4	0.00	2.59	0.87	0	6	2	95	0.00	0.0	3.048	0.018	6	2	1	1
PL.28965	PL.28200	C	6 A (CWC)	7.35Y	122.5	0.00	2.47	0.73	1	5	1	98	0.00	0.0	2.504	0.005	0	0	0	2
PD.3946	PL.28965	C	30T	7.35Y	122.5	0.00	2.47	0.73	0	5	1	98	0.00	0.0	2.504	0.005	0	0	0	2
PL.28966	PD.3946	C	6 A (CWC)	7.35Y	122.5	0.00	2.48	0.73	1	5	1	98	0.00	0.0	2.640	0.136	5	1	2	2
PL.28246	PL.28781	C	#4 ACSR	7.36Y	122.7	0.00	2.29	0.30	0	2	1	89	0.00	0.0	2.250	0.016	2	1	1	1
PL.28245	PL.28498	ABC	6 A (CWC)	7.37Y	122.8	0.01	2.19	4.48	3	93	35	94	0.01	0.0	2.143	0.049	0	0	0	15
PL.28786	PL.28245	ABC	#1/0 ACSR	7.37Y	122.8	0.00	2.20	3.99	2	82	33	93	0.00	0.0	2.188	0.045	3	1	4	12
PL.28787	PL.28786	ABC	#1/0 ACSR	7.37Y	122.8	0.00	2.20	3.86	2	79	32	93	0.00	0.0	2.235	0.046	0	0	0	8
PL.28322	PL.28787	ABC	#1/0 ACSR	7.37Y	122.8	0.00	2.20	2.62	1	52	25	90	0.00	0.0	2.291	0.056	52	25	1	1
PL.29041	PL.28787	B	6 A (CWC)	7.37Y	122.8	0.00	2.20	3.79	3	27	7	97	0.00	0.0	2.238	0.003	0	0	0	7
PD.3963	PL.29041	B	30T	7.37Y	122.8	0.00	2.20	3.79	0	27	7	97	0.00	0.0	2.238	0.003	0	0	0	7
PL.29042	PD.3963	B	6 A (CWC)	7.37Y	122.8	0.00	2.20	3.79	3	27	7	97	0.00	0.0	2.241	0.003	2	1	1	7
PL.28785	PL.29042	B	6 A (CWC)	7.37Y	122.8	0.00	2.21	3.50	3	25	6	97	0.00	0.0	2.279	0.038	13	3	3	6
PL.28784	PL.28785	B	6 A (CWC)	7.37Y	122.8	0.00	2.21	1.70	1	12	3	97	0.00	0.0	2.315	0.036	12	3	3	3
PL.28321	PL.28245	ABC	6 A (CWC)	7.37Y	122.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	2.174	0.031	0	0	0	0
PL.29043	PL.28245	C	6 A (CWC)	7.37Y	122.8	0.00	2.19	1.50	1	11	3	96	0.00	0.0	2.147	0.004	0	0	0	3
PD.3964	PL.29043	C	30T	7.37Y	122.8	0.00	2.19	1.50	0	11	3	96	0.00	0.0	2.147	0.004	0	0	0	3
PL.29044	PD.3964	C	6 A (CWC)	7.37Y	122.8	0.00	2.20	1.50	1	11	3	96	0.00	0.0	2.188	0.041	11	3	3	3
PL.29045	PL.28497	A	6 A (CWC)	7.37Y	122.9	0.00	2.13	3.30	2	24	6	97	0.00	0.0	2.030	0.004	0	0	0	4
PD.3965	PL.29045	A	30T	7.37Y	122.9	0.00	2.13	3.30	0	24	6	97	0.00	0.0	2.030	0.004	0	0	0	4
PL.29046	PD.3965	A	6 A (CWC)	7.37Y	122.9	0.00	2.13	3.30	2	24	6	97	0.00	0.0	2.042	0.012	24	6	4	4
PL.29049	PL.28232	C	#2 ACSR	7.39Y	123.2	0.00	1.84	1.01	1	7	2	96	0.00	0.0	1.710	0.005	0	0	0	2
PD.3967	PL.29049	C	30T	7.39Y	123.2	0.00	1.84	1.01	0	7	2	96	0.00	0.0	1.710	0.005	0	0	0	2
PL.29050	PD.3967	C	#2 ACSR	7.39Y	123.2	0.00	1.84	1.01	1	7	2	96	0.00	0.0	1.766	0.056	4	1	1	2
PL.28812	PL.29050	C	#2 ACSR	7.39Y	123.2	0.00	1.84	0.41	0	3	1	95	0.00	0.0	1.783	0.017	0	0	0	1
PL.28231	PL.28812	C	#2 ACSR	7.39Y	123.2	0.00	1.84	0.41	0	3	1	95	0.00	0.0	1.814	0.031	3	1	1	1
PL.28885	PL.29118	A	#2 ACSR	7.40Y	123.3	0.00	1.72	1.39	1	10	3	96	0.00	0.0	1.577	0.005	0	0	0	1
PD.3903	PL.28885	A	30T	7.40Y	123.3	0.00	1.72	1.39	0	10	3	96	0.00	0.0	1.577	0.005	0	0	0	1
PL.28886	PD.3903	A	#2 ACSR	7.40Y	123.3	0.00	1.72	1.39	1	10	3	96	0.00	0.0	1.635	0.058	10	3	1	1
PL.28887	PL.28311	C	#4 ACSR	7.40Y	123.3	0.00	1.70	0.03	0	0	0	100	0.00	0.0	1.514	0.004	0	0	0	1

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Balanced Voltage Drop Report
Source: Rice Station

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.3904	PL.28887	C	65T	7.40Y	123.3	0.00	1.70	0.03	0	0	0	100	0.00	0.0	1.514	0.004	0	0	0	1
PL.28888	PD.3904	C	#4 ACSR	7.40Y	123.3	0.00	1.70	0.03	0	0	0	100	0.00	0.0	1.561	0.047	0	0	1	1
PL.28889	PL.28049	C	#4 ACSR	7.41Y	123.4	0.00	1.55	3.25	2	23	6	97	0.00	0.0	1.358	0.005	0	0	0	6
PD.3906	PL.28889	C	15T	7.41Y	123.4	0.00	1.55	3.25	0	23	6	97	0.00	0.0	1.358	0.005	0	0	0	6
PL.28890	PD.3906	C	#4 ACSR	7.41Y	123.4	0.01	1.56	3.25	2	23	6	97	0.00	0.0	1.486	0.128	15	4	3	6
PL.28050	PL.28890	C	1/0 AL URD	7.41Y	123.4	0.00	1.56	0.44	0	3	1	95	0.00	0.0	1.487	0.002	0	0	0	1
PD.3905	PL.28050	C	40T	7.41Y	123.4	0.00	1.56	0.44	0	3	1	95	0.00	0.0	1.487	0.002	0	0	0	1
PL.28294	PD.3905	C	1/0 AL URD	7.41Y	123.4	0.00	1.56	0.44	0	3	1	95	0.00	0.0	1.489	0.002	0	0	0	1
PL.28051	PL.28294	C	1/0 AL URD	7.41Y	123.4	0.00	1.56	0.44	0	3	1	95	0.00	0.0	1.552	0.063	3	1	1	1
PL.28312	PL.28890	C	#4 ACSR	7.41Y	123.4	0.00	1.56	0.33	0	2	1	89	0.00	0.0	1.577	0.092	2	1	1	1
PL.28616	PL.28890	C	#4 ACSR	7.41Y	123.4	0.00	1.56	0.39	0	3	1	95	0.00	0.0	1.573	0.088	0	0	0	1
PL.28617	PL.28616	C	#4 ACSR	7.41Y	123.4	0.00	1.56	0.39	0	3	1	95	0.00	0.0	1.596	0.023	3	1	1	1
PL.28895	PL.28048	A	6 A (CWC)	7.42Y	123.7	0.00	1.33	2.71	2	19	5	97	0.00	0.0	1.123	0.004	0	0	0	2
PD.3909	PL.28895	A	65T	7.42Y	123.7	0.00	1.33	2.71	0	19	5	97	0.00	0.0	1.123	0.004	0	0	0	2
PL.28896	PD.3909	A	6 A (CWC)	7.42Y	123.7	0.00	1.33	2.71	2	19	5	97	0.00	0.0	1.177	0.054	19	5	2	2
PL.29105	PL.28300	ABC	#1/0 ACSR	7.43Y	123.8	0.00	1.16	25.66	11	555	138	97	0.01	0.0	0.954	0.005	0	0	0	118
PD.3996	PL.29105	ABC	65T	7.43Y	123.8	0.00	1.16	25.66	0	555	138	97	0.00	0.0	0.954	0.005	0	0	0	118
PL.29106	PD.3996	ABC	#1/0 ACSR	7.43Y	123.8	0.04	1.20	25.66	11	555	138	97	0.16	0.0	1.048	0.094	23	6	3	118
PL.28591	PL.29106	ABC	#1/0 ACSR	7.43Y	123.8	0.01	1.22	24.62	11	532	132	97	0.05	0.0	1.082	0.034	5	1	1	115
PL.29053	PL.28591	C	#1/0 ACSR	7.43Y	123.8	0.00	1.22	0.64	0	5	1	98	0.00	0.0	1.086	0.004	0	0	0	1
PD.3969	PL.29053	C	40T	7.43Y	123.8	0.00	1.22	0.64	0	5	1	98	0.00	0.0	1.086	0.004	0	0	0	1
PL.29054	PD.3969	C	#1/0 ACSR	7.43Y	123.8	0.00	1.22	0.64	0	5	1	98	0.00	0.0	1.137	0.051	5	1	1	1
PL.28592	PL.28591	ABC	#1/0 ACSR	7.42Y	123.7	0.04	1.26	24.17	11	523	130	97	0.16	0.0	1.186	0.103	2	1	1	113
PL.28593	PL.28592	ABC	#1/0 ACSR	7.42Y	123.7	0.04	1.31	24.06	10	520	129	97	0.15	0.0	1.285	0.099	0	0	0	112
PL.28433	PL.28593	ABC	#1/0 ACSR	7.42Y	123.7	0.04	1.34	24.06	10	520	129	97	0.13	0.0	1.369	0.084	0	0	0	112
PL.28434	PL.28433	ABC	#1/0 ACSR	7.42Y	123.6	0.02	1.36	24.06	10	520	129	97	0.06	0.0	1.406	0.038	0	0	0	112
PL.28304	PL.28434	ABC	#1/0 ACSR	7.42Y	123.6	0.02	1.38	23.71	10	512	127	97	0.08	0.0	1.462	0.056	1	0	1	109
PL.28845	PL.28304	A	#2 ACSR	7.42Y	123.6	0.00	1.38	0.83	0	6	1	99	0.00	0.0	1.466	0.004	0	0	0	1
PD.3882	PL.28845	A	40T	7.42Y	123.6	0.00	1.38	0.83	0	6	1	99	0.00	0.0	1.466	0.004	0	0	0	1
PL.28846	PD.3882	A	#2 ACSR	7.42Y	123.6	0.00	1.38	0.83	0	6	1	99	0.00	0.0	1.500	0.034	6	1	1	1
PL.28305	PL.28304	ABC	#1/0 ACSR	7.42Y	123.6	0.03	1.41	23.13	10	499	124	97	0.10	0.0	1.530	0.068	0	0	0	106

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Balanced Voltage Drop Report
Source: Rice Station

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.28847	PL.28305	A	6 A (CWC)	7.42Y	123.6	0.00	1.41	4.24	3	30	8	97	0.00	0.0	1.534	0.004	0	0	0	6
PD.3883	PL.28847	A	40T	7.42Y	123.6	0.00	1.41	4.24	0	30	8	97	0.00	0.0	1.534	0.004	0	0	0	6
PL.28848	PD.3883	A	6 A (CWC)	7.41Y	123.6	0.02	1.43	4.24	3	30	8	97	0.00	0.0	1.643	0.109	0	0	0	6
PL.28435	PL.28848	A	6 A (CWC)	7.41Y	123.5	0.03	1.46	4.24	3	30	8	97	0.01	0.0	1.798	0.155	5	1	1	6
PL.28594	PL.28435	A	6 A (CWC)	7.41Y	123.5	0.00	1.46	2.66	2	19	5	97	0.00	0.0	1.840	0.042	2	0	2	4
PL.28595	PL.28594	A	6 A (CWC)	7.41Y	123.5	0.00	1.47	2.39	2	17	4	97	0.00	0.0	1.896	0.057	11	3	1	2
PL.28596	PL.28595	A	6 A (CWC)	7.41Y	123.5	0.00	1.47	0.90	1	6	2	95	0.00	0.0	1.965	0.069	6	2	1	1
PL.28026	PL.28435	A	#1/0 ACSR	7.41Y	123.5	0.00	1.46	0.83	0	6	1	99	0.00	0.0	1.853	0.055	6	1	1	1
PL.29061	PL.28305	ABC	#1/0 ACSR	7.42Y	123.6	0.00	1.41	21.24	9	458	114	97	0.00	0.0	1.534	0.004	0	0	0	98
PL.29062	PL.29061	ABC	#1/0 ACSR	7.41Y	123.6	0.01	1.42	21.24	9	458	114	97	0.04	0.0	1.563	0.029	0	0	0	98
PL.28496	PL.29062	ABC	#1/0 ACSR	7.41Y	123.5	0.05	1.47	19.16	8	413	104	97	0.14	0.0	1.708	0.145	8	2	1	92
PL.28843	PL.28496	C	6 A (CWC)	7.41Y	123.5	0.00	1.47	1.66	1	12	3	97	0.00	0.0	1.712	0.004	0	0	0	4
PD.3881	PL.28843	C	40T	7.41Y	123.5	0.00	1.47	1.66	0	12	3	97	0.00	0.0	1.712	0.004	0	0	0	4
PL.28844	PD.3881	C	6 A (CWC)	7.41Y	123.5	0.00	1.47	1.66	1	12	3	97	0.00	0.0	1.768	0.055	6	1	2	4
PL.28585	PL.28844	C	#1/0 ACSR	7.41Y	123.5	0.00	1.48	0.89	0	6	2	95	0.00	0.0	1.812	0.044	0	0	1	2
PL.28586	PL.28585	C	#1/0 ACSR	7.41Y	123.5	0.00	1.48	0.89	0	6	2	95	0.00	0.0	1.851	0.040	6	2	1	1
PL.28306	PL.28496	ABC	#1/0 ACSR	7.41Y	123.5	0.03	1.50	18.24	8	393	99	97	0.07	0.0	1.786	0.077	0	0	0	87
PL.28839	PL.28306	A	#1/0 ACSR	7.41Y	123.5	0.00	1.50	1.32	1	9	2	98	0.00	0.0	1.790	0.005	0	0	0	1
PD.3880	PL.28839	A	40T	7.41Y	123.5	0.00	1.50	1.32	0	9	2	98	0.00	0.0	1.790	0.005	0	0	0	1
PL.28840	PD.3880	A	#1/0 ACSR	7.41Y	123.5	0.00	1.50	1.32	1	9	2	98	0.00	0.0	1.813	0.023	9	2	1	1
PL.28841	PL.28306	ABC	#1/0 ACSR	7.41Y	123.5	0.00	1.50	14.84	6	320	81	97	0.00	0.0	1.790	0.005	0	0	0	67
PL.28842	PL.28841	ABC	#1/0 ACSR	7.41Y	123.5	0.02	1.52	14.84	6	320	81	97	0.05	0.0	1.875	0.085	3	1	1	67
PL.28031	PL.28842	C	#2 ACSR	7.41Y	123.5	0.00	1.52	4.05	2	29	7	97	0.00	0.0	1.879	0.004	0	0	0	7
PD.3879	PL.28031	C	40T	7.41Y	123.5	0.00	1.52	4.05	0	29	7	97	0.00	0.0	1.879	0.004	0	0	0	7
PL.28293	PD.3879	C	#2 ACSR	7.41Y	123.5	0.00	1.52	1.53	1	11	3	96	0.00	0.0	1.905	0.026	2	1	1	2
PL.28032	PL.28293	C	#2 ACSR	7.41Y	123.5	0.00	1.52	1.18	1	9	2	98	0.00	0.0	2.012	0.107	9	2	1	1
PL.28030	PD.3879	C	#4 ACSR	7.41Y	123.5	0.00	1.52	2.52	2	18	5	96	0.00	0.0	1.928	0.049	18	5	5	5
PL.28489	PL.28842	ABC	#1/0 ACSR	7.41Y	123.5	0.01	1.53	13.33	6	287	72	97	0.01	0.0	1.904	0.029	0	0	1	59
PL.28033	PL.28489	ABC	#1/0 ACSR	7.41Y	123.5	0.02	1.55	13.32	6	287	72	97	0.04	0.0	1.996	0.092	0	0	0	58
PL.28034	PL.28033	A	#1/0 ACSR	7.41Y	123.5	0.00	1.55	9.35	4	67	17	97	0.00	0.0	2.000	0.004	0	0	0	11
PD.3974	PL.28034	A	40T	7.41Y	123.5	0.00	1.55	9.35	0	67	17	97	0.00	0.0	2.000	0.004	0	0	0	11

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Balanced Voltage Drop Report
Source: Rice Station

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.28487	PD.3974	A	#1/0 ACSR	7.41Y	123.4	0.00	1.55	5.82	3	42	10	97	0.00	0.0	2.034	0.034	7	2	1	6
PL.28488	PL.28487	A	#1/0 ACSR	7.41Y	123.4	0.00	1.55	1.33	1	10	2	98	0.00	0.0	2.068	0.034	10	2	2	2
PL.28035	PL.28487	A	#1/0 ACSR	7.41Y	123.4	0.00	1.55	3.48	2	25	6	97	0.00	0.0	2.047	0.013	25	6	3	3
PL.28036	PD.3974	A	#1/0 ACSR	7.41Y	123.4	0.01	1.56	3.53	2	25	6	97	0.00	0.0	2.116	0.116	6	2	2	5
PL.28308	PL.28036	A	#1/0 ACSR	7.41Y	123.4	0.00	1.56	0.60	0	4	1	97	0.00	0.0	2.173	0.057	4	1	1	1
PL.28037	PL.28036	A	#1/0 ACSR	7.41Y	123.4	0.00	1.56	2.04	1	15	4	97	0.00	0.0	2.164	0.048	15	4	2	2
PL.28833	PL.28033	C	#1/0 ACSR	7.41Y	123.5	0.00	1.55	0.12	0	1	0	100	0.00	0.0	2.000	0.004	0	0	0	1
PD.3876	PL.28833	C	40T	7.41Y	123.5	0.00	1.55	0.12	0	1	0	100	0.00	0.0	2.000	0.004	0	0	0	1
PL.28834	PD.3876	C	#1/0 ACSR	7.41Y	123.5	0.00	1.55	0.12	0	1	0	100	0.00	0.0	2.048	0.048	1	0	1	1
PL.28558	PL.28033	ABC	#1/0 ACSR	7.41Y	123.4	0.01	1.56	10.17	4	219	55	97	0.02	0.0	2.057	0.061	1	0	1	46
PL.28559	PL.28558	ABC	#1/0 ACSR	7.41Y	123.4	0.01	1.57	10.11	4	218	55	97	0.01	0.0	2.111	0.054	5	1	1	45
PL.28557	PL.28559	ABC	#1/0 ACSR	7.40Y	123.4	0.02	1.59	9.90	4	213	54	97	0.02	0.0	2.205	0.094	8	2	1	44
PL.28556	PL.28557	ABC	#1/0 ACSR	7.40Y	123.4	0.02	1.61	9.54	4	206	52	97	0.03	0.0	2.323	0.118	0	0	0	43
PL.28553	PL.28556	ABC	#1/0 ACSR	7.40Y	123.4	0.01	1.62	9.54	4	206	52	97	0.02	0.0	2.407	0.085	25	6	3	43
PL.28554	PL.28553	ABC	#1/0 ACSR	7.40Y	123.4	0.02	1.64	8.37	4	180	45	97	0.02	0.0	2.534	0.127	6	2	1	40
PL.28555	PL.28554	ABC	#1/0 ACSR	7.40Y	123.4	0.00	1.64	8.09	4	174	44	97	0.01	0.0	2.565	0.031	2	1	1	39
PL.28560	PL.28555	ABC	#1/0 ACSR	7.40Y	123.4	0.01	1.65	7.97	3	172	43	97	0.01	0.0	2.613	0.048	15	4	3	38
PL.28561	PL.28560	ABC	#1/0 ACSR	7.40Y	123.3	0.01	1.66	7.29	3	157	39	97	0.01	0.0	2.669	0.056	5	1	1	35
PL.28542	PL.28561	ABC	#1/0 ACSR	7.40Y	123.3	0.00	1.66	7.05	3	152	38	97	0.00	0.0	2.691	0.022	8	2	1	34
PL.28543	PL.28542	ABC	#1/0 ACSR	7.40Y	123.3	0.00	1.66	6.69	3	144	36	97	0.00	0.0	2.723	0.032	0	0	1	33
PL.28544	PL.28543	ABC	#1/0 ACSR	7.40Y	123.3	0.01	1.67	6.68	3	144	36	97	0.01	0.0	2.776	0.053	3	1	1	32
PL.29113	PL.28544	A	6 A (CWC)	7.40Y	123.3	0.00	1.67	12.96	9	93	23	97	0.00	0.0	2.778	0.003	0	0	0	19
PD.4001	PL.29113	A	50L	7.40Y	123.3	0.00	1.67	12.96	26	93	23	97	0.00	0.0	2.778	0.003	0	0	0	19
PL.29114	PD.4001	A	6 A (CWC)	7.39Y	123.2	0.10	1.77	12.96	9	93	23	97	0.07	0.1	2.963	0.184	11	3	2	19
PL.28309	PL.29114	A	6 A (CWC)	7.39Y	123.2	0.04	1.81	10.58	8	76	19	97	0.02	0.0	3.039	0.076	0	0	0	16
PL.28835	PL.28309	A	6 A (CWC)	7.39Y	123.2	0.00	1.81	2.58	2	19	5	97	0.00	0.0	3.044	0.005	0	0	0	4
PD.3877	PL.28835	A	15T	7.39Y	123.2	0.00	1.81	2.58	0	19	5	97	0.00	0.0	3.044	0.005	0	0	0	4
PL.28836	PD.3877	A	6 A (CWC)	7.39Y	123.2	0.01	1.82	2.58	2	19	5	97	0.00	0.0	3.130	0.086	0	0	0	4
PL.28574	PL.28836	A	6 A (CWC)	7.39Y	123.2	0.03	1.85	2.58	2	19	5	97	0.00	0.0	3.361	0.231	1	0	1	4
PL.28575	PL.28574	A	6 A (CWC)	7.39Y	123.1	0.01	1.85	2.43	2	17	4	97	0.00	0.0	3.427	0.067	0	0	0	3
PL.28029	PL.28575	A	#4 ACSR	7.39Y	123.1	0.00	1.85	1.16	1	8	2	97	0.00	0.0	3.487	0.060	8	2	1	1

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Balanced Voltage Drop Report
Source: Rice Station

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.28486	PL.28575	A	6 A (CWC)	7.39Y	123.1	0.00	1.86	1.27	1	9	2	98	0.00	0.0	3.556	0.129	9	2	2	2
PL.28565	PL.28309	A	6 A (CWC)	7.39Y	123.2	0.04	1.85	7.99	6	57	14	97	0.02	0.0	3.145	0.106	4	1	1	12
PL.28566	PL.28565	A	6 A (CWC)	7.39Y	123.1	0.03	1.87	7.46	5	53	13	97	0.01	0.0	3.233	0.087	11	3	1	11
PL.28567	PL.28566	A	6 A (CWC)	7.39Y	123.1	0.01	1.89	5.94	4	43	11	97	0.00	0.0	3.297	0.064	12	3	2	10
PL.28568	PL.28567	A	6 A (CWC)	7.39Y	123.1	0.01	1.90	4.24	3	30	8	97	0.00	0.0	3.373	0.076	5	1	1	8
PL.28564	PL.28568	A	6 A (CWC)	7.39Y	123.1	0.01	1.91	3.51	3	25	6	97	0.00	0.0	3.447	0.074	0	0	0	7
PL.28045	PL.28564	A	#4 ACSR	7.39Y	123.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	3.463	0.016	0	0	0	0
PL.28570	PL.28564	A	6 A (CWC)	7.38Y	123.1	0.02	1.93	3.51	3	25	6	97	0.00	0.0	3.548	0.101	2	1	1	7
PL.28571	PL.28570	A	6 A (CWC)	7.38Y	123.1	0.01	1.94	3.22	2	23	6	97	0.00	0.0	3.606	0.058	2	1	1	6
PL.28572	PL.28571	A	6 A (CWC)	7.38Y	123.1	0.00	1.94	0.26	0	2	0	100	0.00	0.0	3.719	0.113	0	0	0	1
PL.28573	PL.28572	A	6 A (CWC)	7.38Y	123.1	0.00	1.94	0.26	0	2	0	100	0.00	0.0	3.785	0.066	2	0	1	1
PL.28569	PL.28571	A	#4 ACSR	7.38Y	123.1	0.00	1.94	2.62	2	19	5	97	0.00	0.0	3.642	0.036	7	2	1	4
PL.28837	PL.28569	A	#4 ACSR	7.38Y	123.1	0.00	1.94	1.58	1	11	3	96	0.00	0.0	3.647	0.005	0	0	0	3
PD.3878	PL.28837	A	15T	7.38Y	123.1	0.00	1.94	1.58	0	11	3	96	0.00	0.0	3.647	0.005	0	0	0	3
PL.28838	PD.3878	A	#4 ACSR	7.38Y	123.0	0.01	1.95	1.58	1	11	3	96	0.00	0.0	3.861	0.215	0	0	0	3
PL.28043	PL.28838	A	6 A (CWC)	7.38Y	123.0	0.01	1.96	1.58	1	11	3	96	0.00	0.0	3.999	0.137	3	1	1	3
PL.28562	PL.28043	A	6 A (CWC)	7.38Y	123.0	0.00	1.97	0.71	1	5	1	98	0.00	0.0	4.158	0.159	5	1	1	1
PL.28563	PL.28562	A	6 A (CWC)	7.38Y	123.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	4.237	0.079	0	0	0	0
PL.28438	PL.28563	A	6 A (CWC)	7.38Y	123.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	4.380	0.143	0	0	0	0
PL.28044	PL.28043	A	#4 ACSR	7.38Y	123.0	0.00	1.96	0.47	0	3	1	95	0.00	0.0	4.095	0.096	0	0	0	1
PL.28437	PL.28044	A	#4 ACSR	7.38Y	123.0	0.00	1.97	0.47	0	3	1	95	0.00	0.0	4.224	0.129	3	1	1	1
PL.28042	PL.28838	A	6 A (CWC)	7.38Y	123.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	3.958	0.096	0	0	0	0
PL.28436	PL.28042	A	6 A (CWC)	7.38Y	123.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	4.085	0.127	0	0	0	0
PL.28831	PL.29114	A	#4 ACSR	7.39Y	123.2	0.00	1.77	0.87	1	6	2	95	0.00	0.0	2.967	0.005	0	0	0	1
PD.3874	PL.28831	A	20T	7.39Y	123.2	0.00	1.77	0.87	0	6	2	95	0.00	0.0	2.967	0.005	0	0	0	1
PL.28832	PD.3874	A	#4 ACSR	7.39Y	123.2	0.00	1.77	0.87	1	6	2	95	0.00	0.0	3.119	0.151	6	2	1	1
PL.29065	PL.28544	C	6 A (CWC)	7.40Y	123.3	0.00	1.67	6.69	5	48	12	97	0.00	0.0	2.780	0.004	0	0	0	12
PD.3975	PL.29065	C	40T	7.40Y	123.3	0.00	1.67	6.69	0	48	12	97	0.00	0.0	2.780	0.004	0	0	0	12
PL.29066	PD.3975	C	6 A (CWC)	7.40Y	123.3	0.01	1.68	6.69	5	48	12	97	0.00	0.0	2.808	0.028	2	1	1	12
PL.28541	PL.29066	C	6 A (CWC)	7.40Y	123.3	0.03	1.71	6.36	5	46	11	97	0.01	0.0	2.927	0.119	6	2	1	11
PL.28038	PL.28541	C	#4 ACSR	7.40Y	123.3	0.00	1.71	2.42	2	17	4	97	0.00	0.0	2.982	0.056	8	2	1	3

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Balanced Voltage Drop Report
Source: Rice Station

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.28537	PL.28038	C	#4 ACSR	7.40Y	123.3	0.00	1.72	1.27	1	9	2	98	0.00	0.0	3.046	0.063	5	1	1	2
PL.28538	PL.28537	C	#4 ACSR	7.40Y	123.3	0.00	1.72	0.51	0	4	1	97	0.00	0.0	3.164	0.119	4	1	1	1
PL.28539	PL.28541	C	6 A (CWC)	7.40Y	123.3	0.01	1.72	3.05	2	22	5	98	0.00	0.0	2.988	0.061	10	3	2	6
PL.28540	PL.28539	C	6 A (CWC)	7.40Y	123.3	0.00	1.72	1.65	1	12	3	97	0.00	0.0	3.032	0.045	3	1	3	4
PL.28041	PL.28540	C	#2 ACSR	7.40Y	123.3	0.00	1.72	1.18	1	8	2	97	0.00	0.0	3.041	0.008	0	0	0	1
PL.28040	PL.28041	C	6 A (CWC)	7.40Y	123.3	0.00	1.72	1.18	1	8	2	97	0.00	0.0	3.090	0.049	8	2	1	1
PL.28039	PL.28541	C	#4 ACSR	7.40Y	123.3	0.00	1.71	0.00	0	0	0	100	0.00	0.0	2.957	0.030	0	0	1	1
PL.29063	PL.28306	A	6 A (CWC)	7.41Y	123.5	0.00	1.50	8.89	6	64	16	97	0.00	0.0	1.790	0.005	0	0	0	19
PD.3973	PL.29063	A	40T	7.41Y	123.5	0.00	1.50	8.89	0	64	16	97	0.00	0.0	1.790	0.005	0	0	0	19
PL.29064	PD.3973	A	6 A (CWC)	7.41Y	123.5	0.01	1.51	8.89	6	64	16	97	0.01	0.0	1.828	0.037	3	1	1	19
PL.28027	PL.29064	A	6 A (CWC)	7.41Y	123.5	0.03	1.54	8.52	6	61	15	97	0.01	0.0	1.906	0.079	5	1	1	18
PL.28578	PL.28027	A	#4 ACSR	7.41Y	123.5	0.00	1.54	2.14	2	15	4	97	0.00	0.0	1.945	0.038	7	2	2	6
PL.28579	PL.28578	A	#4 ACSR	7.41Y	123.5	0.00	1.55	1.16	1	8	2	97	0.00	0.0	1.989	0.045	6	1	3	4
PL.28580	PL.28579	A	#4 ACSR	7.41Y	123.5	0.00	1.55	0.33	0	2	1	89	0.00	0.0	2.019	0.030	2	1	1	1
PL.28581	PL.28027	A	6 A (CWC)	7.41Y	123.4	0.02	1.56	5.74	4	41	10	97	0.01	0.0	2.001	0.095	5	1	1	11
PL.28582	PL.28581	A	6 A (CWC)	7.41Y	123.4	0.01	1.57	4.98	4	36	9	97	0.00	0.0	2.034	0.032	7	2	1	10
PL.28307	PL.28582	A	6 A (CWC)	7.41Y	123.4	0.01	1.58	3.71	3	27	7	97	0.00	0.0	2.092	0.058	9	2	2	7
PL.28028	PL.28307	A	#4 ACSR	7.41Y	123.4	0.00	1.58	0.50	0	4	1	97	0.00	0.0	2.237	0.146	4	1	1	1
PL.28576	PL.28307	A	6 A (CWC)	7.40Y	123.4	0.00	1.58	2.01	1	14	4	96	0.00	0.0	2.164	0.072	10	3	3	4
PL.28577	PL.28576	A	6 A (CWC)	7.40Y	123.4	0.00	1.58	0.55	0	4	1	97	0.00	0.0	2.227	0.063	4	1	1	1
PL.28583	PL.28582	A	#4 ACSR	7.41Y	123.4	0.00	1.57	0.35	0	3	1	95	0.00	0.0	2.101	0.067	2	1	1	2
PL.28584	PL.28583	A	#4 ACSR	7.41Y	123.4	0.00	1.57	0.02	0	0	0	100	0.00	0.0	2.146	0.046	0	0	1	1
PL.28851	PL.29062	C	1/0 AL URD	7.41Y	123.6	0.00	1.42	6.24	4	45	10	98	0.00	0.0	1.568	0.005	0	0	0	6
PD.3885	PL.28851	C	40T	7.41Y	123.6	0.00	1.42	6.24	0	45	10	98	0.00	0.0	1.568	0.005	0	0	0	6
PL.28852	PD.3885	C	1/0 AL URD	7.41Y	123.6	0.01	1.43	6.24	4	45	10	98	0.00	0.0	1.600	0.032	7	2	1	6
PL.28291	PL.28852	C	1/0 AL URD	7.41Y	123.6	0.00	1.43	0.78	0	6	1	99	0.00	0.0	1.628	0.028	6	1	1	1
PL.28826	PL.28852	C	1/0 AL URD	7.41Y	123.6	0.01	1.43	4.45	3	32	7	98	0.00	0.0	1.660	0.060	17	4	2	4
PL.28827	PL.28826	C	1/0 AL URD	7.41Y	123.6	0.00	1.44	2.07	1	15	3	98	0.00	0.0	1.698	0.038	5	1	1	2
PL.28828	PL.28827	C	1/0 AL URD	7.41Y	123.6	0.00	1.44	1.37	1	10	2	98	0.00	0.0	1.731	0.033	10	2	1	1
PL.28829	PL.28828	C	1/0 AL URD	7.41Y	123.6	-0.00	1.44	-0.05	0	0	0	100	0.00	0.0	1.823	0.092	0	0	0	0
PL.29059	PL.28305	C	1/0 AL URD	7.42Y	123.6	0.00	1.41	1.43	1	10	2	98	0.00	0.0	1.534	0.004	0	0	0	2

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Balanced Voltage Drop Report
Source: Rice Station

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.3972	PL.29059	C	40T	7.42Y	123.6	0.00	1.41	1.43	0	10	2	98	0.00	0.0	1.534	0.004	0	0	0	2
PL.29060	PD.3972	C	1/0 AL URD	7.42Y	123.6	0.01	1.42	1.43	1	10	2	98	0.00	0.0	1.674	0.139	0	0	0	2
PL.28047	PL.29060	C	1/0 AL URD	7.42Y	123.6	0.00	1.42	1.44	1	10	2	98	0.00	0.0	1.682	0.008	0	0	0	2
PL.28046	PL.28047	C	1/0 AL URD	7.41Y	123.6	0.00	1.42	1.44	1	10	2	98	0.00	0.0	1.720	0.037	10	2	1	2
PL.28824	PL.28046	C	1/0 AL URD	7.41Y	123.6	0.00	1.42	0.08	0	1	0	100	0.00	0.0	1.734	0.014	1	0	1	1
PL.28825	PL.28824	C	1/0 AL URD	7.41Y	123.6	-0.00	1.42	-0.02	0	0	0	100	0.00	0.0	1.776	0.043	0	0	0	0
PL.29057	PL.28304	C	#1/0 ACSR	7.42Y	123.6	0.00	1.38	0.74	0	5	1	98	0.00	0.0	1.466	0.004	0	0	0	1
PD.3971	PL.29057	C	40T	7.42Y	123.6	0.00	1.38	0.74	0	5	1	98	0.00	0.0	1.466	0.004	0	0	0	1
PL.29058	PD.3971	C	#1/0 ACSR	7.42Y	123.6	0.00	1.38	0.74	0	5	1	98	0.00	0.0	1.471	0.005	5	1	1	1
PL.29055	PL.28434	C	#2 ACSR	7.42Y	123.6	0.00	1.36	0.40	0	3	1	95	0.00	0.0	1.411	0.005	0	0	0	1
PD.3970	PL.29055	C	40T	7.42Y	123.6	0.00	1.36	0.40	0	3	1	95	0.00	0.0	1.411	0.005	0	0	0	1
PL.29056	PD.3970	C	#2 ACSR	7.42Y	123.6	0.00	1.36	0.40	0	3	1	95	0.00	0.0	1.509	0.098	3	1	1	1
PL.28849	PL.28434	A	#1/0 ACSR	7.42Y	123.6	0.00	1.36	0.65	0	5	1	98	0.00	0.0	1.411	0.005	0	0	0	2
PD.3884	PL.28849	A	40T	7.42Y	123.6	0.00	1.36	0.65	0	5	1	98	0.00	0.0	1.411	0.005	0	0	0	2
PL.28850	PD.3884	A	#1/0 ACSR	7.42Y	123.6	0.00	1.36	0.65	0	5	1	98	0.00	0.0	1.441	0.030	5	1	2	2
PL.28857	PL.28300	C	#4 ACSR	7.43Y	123.8	0.00	1.16	12.60	10	91	23	97	0.00	0.0	0.954	0.005	0	0	0	10
PD.3888	PL.28857	C	65T	7.43Y	123.8	0.00	1.16	12.60	0	91	23	97	0.00	0.0	0.954	0.005	0	0	0	10
PL.28858	PD.3888	C	#4 ACSR	7.43Y	123.8	0.01	1.17	12.60	10	91	23	97	0.00	0.0	0.964	0.010	0	0	0	10
PL.28022	PL.28858	C	#4 ACSR	7.43Y	123.8	0.02	1.19	6.53	5	47	12	97	0.01	0.0	1.023	0.059	0	0	0	8
PL.28303	PL.28022	C	#4 ACSR	7.43Y	123.8	0.00	1.19	0.91	1	7	2	96	0.00	0.0	1.134	0.111	7	2	1	1
PL.28023	PL.28022	C	#4 ACSR	7.43Y	123.8	0.00	1.19	3.12	2	22	6	96	0.00	0.0	1.087	0.064	22	6	1	1
PL.28024	PL.28022	C	#4 ACSR	7.43Y	123.8	0.00	1.19	2.50	2	18	5	96	0.00	0.0	1.075	0.053	18	5	6	6
PL.28302	PL.28858	C	#4 ACSR	7.43Y	123.8	0.01	1.18	6.07	5	44	11	97	0.00	0.0	1.023	0.058	44	11	2	2
PL.29051	PL.28300	A	#1/0 ACSR	7.43Y	123.8	0.00	1.16	0.58	0	4	1	97	0.00	0.0	0.954	0.004	0	0	0	1
PD.3968	PL.29051	A	65T	7.43Y	123.8	0.00	1.16	0.58	0	4	1	97	0.00	0.0	0.954	0.004	0	0	0	1
PL.29052	PD.3968	A	#1/0 ACSR	7.43Y	123.8	0.00	1.16	0.58	0	4	1	97	0.00	0.0	0.986	0.032	4	1	1	1
PL.28855	PL.28590	A	6 A (CWC)	7.44Y	124.0	0.00	1.01	4.62	3	33	8	97	0.00	0.0	0.830	0.004	0	0	0	8
PD.3887	PL.28855	A	30T	7.44Y	124.0	0.00	1.01	4.62	0	33	8	97	0.00	0.0	0.830	0.004	0	0	0	8
PL.28856	PD.3887	A	6 A (CWC)	7.44Y	124.0	0.00	1.02	4.62	3	33	8	97	0.00	0.0	0.857	0.027	12	3	2	8
PL.28301	PL.28856	A	6 A (CWC)	7.44Y	124.0	0.02	1.04	2.66	2	19	5	97	0.00	0.0	1.014	0.157	2	1	2	4
PL.28587	PL.28301	A	6 A (CWC)	7.44Y	124.0	0.00	1.04	2.32	2	17	4	97	0.00	0.0	1.037	0.023	17	4	1	2

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Balanced Voltage Drop Report
Source: Rice Station

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.28588	PL.28587	A	6 A (CWC)	7.44Y	124.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	1.089	0.052	0	0	1	1
PL.28021	PL.28856	A	6 A (CWC)	7.44Y	124.0	0.00	1.02	0.25	0	2	0	100	0.00	0.0	0.955	0.097	2	0	2	2

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	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load Losses	Total
KW	12251	0	0	0	0	0	448	0.00	12699
KVAR	3356	0	0	-10	0	0	830		4177

Lowest Voltage = 114.21 on Element PL.28706
Max Accm VoltD = 10.79 on Element PL.28706
Max Elem VoltD = 0.50 on Element PL.24707