

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for BLEVINS VALLEY, PL.29101, PL.46602, PL.46603, and Feeder No. 3 (BLEVAL3).

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.11115	PL.11114	A	4ACSR	7.45Y	124.1	0.01	1.85	25.71	13	182	58	95	0.01	0.0	1.898	0.008	0	0	0	37
PD.373-A	PL.11115	A	Closed	7.45Y	124.1	0.00	1.85	25.71	0	182	58	95	0.00	0.0	1.898	0.000	0	0	0	37
PD.373-B	PD.373-A	A	Closed	7.45Y	124.1	0.00	1.85	25.71	0	182	58	95	0.00	0.0	1.898	0.000	0	0	0	37
PL.11116	PD.373-B	A	4ACSR	7.43Y	123.8	0.34	2.19	25.71	13	182	58	95	0.46	0.3	2.190	0.292	0	0	0	37
PL.24751	PL.11116	A	4ACSR	7.40Y	123.4	0.43	2.62	21.89	11	155	49	95	0.50	0.3	2.627	0.437	0	0	0	32
PL.24752	PL.24751	A	4ACSR	7.40Y	123.4	0.02	2.64	21.63	11	153	48	95	0.02	0.0	2.644	0.017	0	0	0	31
PL.11117	PL.24752	A	4ACSR	7.40Y	123.3	0.05	2.69	21.63	11	153	48	95	0.05	0.0	2.691	0.047	0	0	0	31
PD.374-A	PL.11117	A	Closed	7.40Y	123.3	0.00	2.69	21.63	0	153	48	95	0.00	0.0	2.691	0.000	0	0	0	31
PD.374-B	PD.374-A	A	Closed	7.40Y	123.3	0.00	2.69	21.63	0	153	48	95	0.00	0.0	2.691	0.000	0	0	0	31
PL.11118	PD.374-B	A	4ACSR	7.39Y	123.2	0.13	2.82	21.63	11	153	48	95	0.15	0.1	2.825	0.134	0	0	0	31
PL.11119	PL.11118	A	4ACSR	7.38Y	123.0	0.20	3.02	20.54	11	145	46	95	0.21	0.1	3.037	0.212	0	0	0	29
PL.11120	PL.11119	A	4ACSR	7.37Y	122.9	0.09	3.10	18.21	9	128	40	95	0.08	0.1	3.143	0.106	0	0	0	26
PL.6554	PL.11120	A	4ACSR	7.37Y	122.8	0.07	3.18	18.06	9	127	40	95	0.07	0.1	3.232	0.089	0	0	0	25
447707	PL.6554	A	Consumer	7.37Y	122.8	0.00	3.18	1.39	0	10	3	96	0.00	0.0	3.232	0.000	10	3	1	1
PL.11123	PL.6554	A	4ACSR	7.37Y	122.8	0.04	3.21	16.67	9	117	37	95	0.03	0.0	3.279	0.047	0	0	0	24
PD.376-A	PL.11123	A	Closed	7.37Y	122.8	0.00	3.21	16.67	0	117	37	95	0.00	0.0	3.279	0.000	0	0	0	24
PD.376-B	PD.376-A	A	Closed	7.37Y	122.8	0.00	3.21	16.67	0	117	37	95	0.00	0.0	3.279	0.000	0	0	0	24
PL.11124	PD.376-B	A	4ACSR	7.37Y	122.8	0.01	3.22	16.67	9	117	37	95	0.00	0.0	3.286	0.007	0	0	0	24
PL.12212	PL.11124	A	4ACSR	7.35Y	122.5	0.29	3.51	16.67	9	117	37	95	0.25	0.2	3.670	0.384	0	0	0	24
PD.377-A	PL.12212	A	Closed	7.35Y	122.5	0.00	3.51	16.67	0	117	37	95	0.00	0.0	3.670	0.000	0	0	0	24
PD.377-B	PD.377-A	A	Closed	7.35Y	122.5	0.00	3.51	16.67	0	117	37	95	0.00	0.0	3.670	0.000	0	0	0	24
PL.17706	PD.377-B	A	4ACSR	7.35Y	122.5	0.01	3.51	16.67	9	117	37	95	0.01	0.0	3.680	0.010	0	0	0	24
PL.12211	PL.17706	A	4ACSR	7.35Y	122.5	0.00	3.51	0.00	0	0	0	100	0.00	0.0	3.694	0.014	0	0	0	0
PD.378-A	PL.12211	A	Open	7.35Y	122.5	0.00	3.51	0.00	0	0	0	100	0.00	0.0	3.694	0.000	0	0	0	0
PL.17707	PL.17706	A	4ACSR	7.35Y	122.5	0.00	3.51	16.67	9	117	37	95	0.00	0.0	3.681	0.002	0	0	0	24
PL.20294	PL.17707	A	4ACSR	7.35Y	122.5	0.01	3.52	16.67	9	117	37	95	0.01	0.0	3.693	0.012	0	0	0	24
PD.2744-A	PL.20294	A	Closed	7.35Y	122.5	0.00	3.52	16.67	0	117	37	95	0.00	0.0	3.693	0.000	0	0	0	24
PD.2744-B	PD.2744-A	A	Closed	7.35Y	122.5	0.00	3.52	16.67	0	117	37	95	0.00	0.0	3.693	0.000	0	0	0	24
PL.20293	PD.2744-B	A	4ACSR	7.35Y	122.4	0.04	3.56	16.67	9	117	37	95	0.03	0.0	3.746	0.052	0	0	0	24
PL.22173	PL.20293	A	4ACSR	7.34Y	122.3	0.10	3.67	16.33	8	114	36	95	0.09	0.1	3.887	0.141	0	0	0	23
447706	PL.22173	A	Consumer	7.34Y	122.3	0.00	3.67	0.24	0	2	1	89	0.00	0.0	3.887	0.000	2	1	1	1
PL.11863	PL.22173	A	4ACSR	7.33Y	122.2	0.16	3.83	16.09	8	113	35	96	0.14	0.1	4.105	0.219	0	0	0	22
PL.24040	PL.11863	A	4ACSR	7.33Y	122.2	0.00	3.83	0.99	1	7	2	96	0.00	0.0	4.167	0.061	0	0	0	1
447709	PL.24040	A	Consumer	7.33Y	122.2	0.00	3.83	0.99	0	7	2	96	0.00	0.0	4.167	0.000	7	2	1	1
PL.12215	PL.11863	A	4ACSR	7.32Y	122.0	0.14	3.96	15.09	8	106	33	95	0.11	0.1	4.309	0.203	0	0	0	21
PD.375-A	PL.12215	A	Closed	7.32Y	122.0	0.00	3.96	15.09	0	105	33	95	0.00	0.0	4.309	0.000	0	0	0	21
PD.375-B	PD.375-A	A	Closed	7.32Y	122.0	0.00	3.96	15.09	0	105	33	95	0.00	0.0	4.309	0.000	0	0	0	21
PL.12214	PD.375-B	A	4ACSR	7.32Y	122.0	0.01	3.97	15.09	8	105	33	95	0.01	0.0	4.322	0.013	0	0	0	21

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.24039	PL.12214	A	4ACSR	7.32Y	122.0	0.00	3.98	0.60	0	4	1	97	0.00	0.0	4.380	0.059	0	0	0	1
447708	PL.24039	A	Consumer	7.32Y	122.0	0.00	3.98	0.60	0	4	1	97	0.00	0.0	4.380	0.000	4	1	1	1
PL.12213	PL.12214	A	4ACSR	7.32Y	122.0	0.08	4.05	14.49	7	101	32	95	0.06	0.1	4.436	0.115	0	0	0	20
PL.8600	PL.12213	A	4ACSR	7.30Y	121.7	0.28	4.33	14.49	7	101	32	95	0.21	0.2	4.863	0.427	0	0	0	20
PL.8599	PL.8600	A	4ACSR	7.30Y	121.6	0.07	4.39	14.49	7	101	32	95	0.05	0.0	4.964	0.100	0	0	0	20
447814	PL.8599	A	Consumer	7.30Y	121.6	0.00	4.39	0.90	0	6	2	95	0.00	0.0	4.964	0.000	6	2	1	1
447811	PL.8599	A	Consumer	7.30Y	121.6	0.00	4.39	0.00	0	0	0	100	0.00	0.0	4.964	0.000	0	0	1	1
PL.11853	PL.8599	A	4ACSR	7.29Y	121.5	0.07	4.47	13.59	7	95	30	95	0.05	0.1	5.085	0.121	0	0	0	18
PL.11854	PL.11853	A	4ACSR	7.29Y	121.5	0.04	4.51	13.47	7	94	29	96	0.03	0.0	5.150	0.065	0	0	0	17
PL.11856	PL.11854	A	4ACSR	7.28Y	121.4	0.12	4.62	11.03	6	77	24	95	0.07	0.1	5.383	0.233	0	0	0	13
PL.24046	PL.11856	A	4ACSR	7.28Y	121.4	0.01	4.64	1.68	1	12	4	95	0.00	0.0	5.536	0.153	0	0	0	2
448804	PL.24046	A	Consumer	7.28Y	121.4	0.00	4.64	0.85	0	6	2	95	0.00	0.0	5.536	0.000	6	2	1	1
448803	PL.24046	A	Consumer	7.28Y	121.4	0.00	4.64	0.83	0	6	2	95	0.00	0.0	5.536	0.000	6	2	1	1
PL.11855	PL.11856	A	4ACSR	7.28Y	121.4	0.02	4.65	9.36	5	65	20	96	0.01	0.0	5.438	0.056	0	0	0	11
PL.6555	PL.11855	A	4ACSR	7.28Y	121.3	0.07	4.72	7.18	4	50	16	95	0.03	0.1	5.654	0.216	0	0	0	9
448805	PL.6555	A	Consumer	7.28Y	121.3	0.00	4.72	1.45	0	10	3	96	0.00	0.0	5.654	0.000	10	3	1	1
PL.11858	PL.6555	A	4ACSR	7.28Y	121.3	0.01	4.73	5.73	3	40	12	96	0.00	0.0	5.692	0.038	0	0	0	8
PL.11857	PL.11858	A	4ACSR	7.28Y	121.3	0.01	4.74	5.38	3	37	12	95	0.00	0.0	5.726	0.034	0	0	0	7
PL.6556	PL.11857	A	4ACSR	7.27Y	121.2	0.02	4.76	5.38	3	37	12	95	0.01	0.0	5.820	0.094	0	0	0	7
447911	PL.6556	A	Consumer	7.27Y	121.2	0.00	4.76	1.17	0	8	3	94	0.00	0.0	5.820	0.000	8	3	1	1
PL.11860	PL.6556	A	4ACSR	7.27Y	121.2	0.01	4.77	4.22	2	29	9	96	0.00	0.0	5.878	0.058	0	0	0	6
PL.2721	PL.11860	A	4ACSR	7.27Y	121.2	0.01	4.78	0.64	0	4	1	97	0.00	0.0	6.226	0.348	0	0	0	1
447906	PL.2721	A	Consumer	7.27Y	121.2	0.00	4.78	0.64	0	4	1	97	0.00	0.0	6.226	0.000	4	1	1	1
447902	PL.11860	A	Consumer	7.27Y	121.2	0.00	4.77	0.51	0	4	1	97	0.00	0.0	5.878	0.000	4	1	1	1
PL.11859	PL.11860	A	4ACSR	7.27Y	121.2	0.01	4.78	3.07	2	21	7	95	0.00	0.0	5.955	0.077	0	0	0	4
PL.6557	PL.11859	A	4ACSR	7.27Y	121.2	0.01	4.79	3.07	2	21	7	95	0.00	0.0	6.000	0.045	0	0	0	4
PL.6558	PL.6557	A	4ACSR	7.27Y	121.2	0.02	4.81	3.06	2	21	7	95	0.00	0.0	6.142	0.142	0	0	0	3
447909	PL.6558	A	Consumer	7.27Y	121.2	0.00	4.81	0.72	0	5	2	93	0.00	0.0	6.142	0.000	5	2	1	1
447915	PL.6558	A	Consumer	7.27Y	121.2	0.00	4.81	1.40	0	10	3	96	0.00	0.0	6.142	0.000	10	3	1	1
PL.11861	PL.6558	A	4ACSR	7.27Y	121.2	0.01	4.81	0.95	0	7	2	96	0.00	0.0	6.336	0.194	0	0	0	1
PL.11862	PL.11861	A	4ACSR	7.27Y	121.2	0.00	4.82	0.95	0	7	2	96	0.00	0.0	6.424	0.088	0	0	0	1
PL.41070	PL.11862	A	4ACSR	7.27Y	121.2	0.00	4.82	0.00	0	0	0	100	0.00	0.0	6.501	0.077	0	0	0	0
PD.379-B	PL.41070	A	Open	7.27Y	121.2	0.00	4.82	0.00	0	0	0	100	0.00	0.0	6.501	0.000	0	0	0	0
PL.2722	PL.11862	A	4ACSR	7.27Y	121.2	0.00	4.82	0.95	0	7	2	96	0.00	0.0	6.481	0.057	0	0	0	1
447912	PL.2722	A	Consumer	7.27Y	121.2	0.00	4.82	0.95	0	7	2	96	0.00	0.0	6.481	0.000	7	2	1	1
447905	PL.6557	A	Consumer	7.27Y	121.2	0.00	4.79	0.00	0	0	0	100	0.00	0.0	6.000	0.000	0	0	1	1
PL.2720	PL.11858	A	4ACSR	7.28Y	121.3	0.00	4.73	0.34	0	2	1	89	0.00	0.0	5.846	0.154	0	0	0	1
448802	PL.2720	A	Consumer	7.28Y	121.3	0.00	4.73	0.34	0	2	1	89	0.00	0.0	5.846	0.000	2	1	1	1

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							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
447808	PL.11855	A	Consumer	7.28Y	121.4	0.00	4.65	1.24	0	9	3	95	0.00	0.0	5.438	0.000	9	3	1	1
PL.24045	PL.11855	A	4ACSR	7.28Y	121.3	0.01	4.65	0.94	0	7	2	96	0.00	0.0	5.572	0.134	0	0	0	1
447816	PL.24045	A	Consumer	7.28Y	121.3	0.00	4.65	0.94	0	7	2	96	0.00	0.0	5.572	0.000	7	2	1	1
447807	PL.11854	A	Consumer	7.29Y	121.5	0.00	4.51	1.32	0	9	3	95	0.00	0.0	5.150	0.000	9	3	1	1
447815	PL.11854	A	Consumer	7.29Y	121.5	0.00	4.51	0.17	0	1	0	100	0.00	0.0	5.150	0.000	1	0	1	1
PL.24044	PL.11854	A	4ACSR	7.29Y	121.5	0.00	4.51	0.95	0	7	2	96	0.00	0.0	5.218	0.068	0	0	0	2
447809	PL.24044	A	Consumer	7.29Y	121.5	0.00	4.51	0.90	0	6	2	95	0.00	0.0	5.218	0.000	6	2	1	1
447812	PL.24044	A	Consumer	7.29Y	121.5	0.00	4.51	0.04	0	0	0	100	0.00	0.0	5.218	0.000	0	0	1	1
PL.24043	PL.11853	A	4ACSR	7.29Y	121.5	0.00	4.47	0.12	0	1	0	100	0.00	0.0	5.161	0.076	0	0	0	1
447806	PL.24043	A	Consumer	7.29Y	121.5	0.00	4.47	0.12	0	1	0	100	0.00	0.0	5.161	0.000	1	0	1	1
447813	PL.24043	A	Consumer	7.29Y	121.5	0.00	4.47	0.00	0	0	0	100	0.00	0.0	5.161	0.000	0	0	0	0
447704	PL.20293	A	Consumer	7.35Y	122.4	0.00	3.56	0.34	0	2	1	89	0.00	0.0	3.746	0.000	2	1	1	1
447603	PL.11120	A	Consumer	7.37Y	122.9	0.00	3.10	0.14	0	1	0	100	0.00	0.0	3.143	0.000	1	0	1	1
PL.11121	PL.11119	A	4ACSR	7.38Y	123.0	0.00	3.02	2.33	1	16	5	95	0.00	0.0	3.045	0.008	0	0	0	3
PD.1455	PL.11121	A	fuse6AMP	7.38Y	123.0	0.00	3.02	2.33	40	16	5	95	0.00	0.0	3.045	0.000	0	0	0	3
PL.11122	PD.1455	A	4ACSR	7.38Y	123.0	0.01	3.02	2.33	1	16	5	95	0.00	0.0	3.127	0.082	0	0	0	3
PL.24037	PL.11122	A	4ACSR	7.38Y	123.0	0.01	3.04	2.33	1	16	5	95	0.00	0.0	3.246	0.119	0	0	0	3
PL.24036	PL.24037	A	4ACSR	7.38Y	122.9	0.02	3.06	2.33	1	16	5	95	0.00	0.0	3.421	0.175	0	0	0	3
PL.24038	PL.24036	A	4ACSR	7.38Y	122.9	0.01	3.06	2.30	1	16	5	95	0.00	0.0	3.477	0.057	0	0	0	2
PL.24041	PL.24038	A	4ACSR	7.38Y	122.9	0.01	3.07	1.03	1	7	2	96	0.00	0.0	3.647	0.170	0	0	0	1
447611	PL.24041	A	Consumer	7.38Y	122.9	0.00	3.07	1.03	0	7	2	96	0.00	0.0	3.647	0.000	7	2	1	1
447610	PL.24038	A	Consumer	7.38Y	122.9	0.00	3.06	1.28	0	9	3	95	0.00	0.0	3.477	0.000	9	3	1	1
447608	PL.24036	A	Consumer	7.38Y	122.9	0.00	3.06	0.03	0	0	0	100	0.00	0.0	3.421	0.000	0	0	1	1
PL.22463	PL.11118	A	4ACSR	7.39Y	123.2	0.00	2.82	0.57	0	4	1	97	0.00	0.0	2.836	0.011	0	0	0	1
PD.1454	PL.22463	A	fuse6AMP	7.39Y	123.2	0.00	2.82	0.57	10	4	1	97	0.00	0.0	2.836	0.000	0	0	0	1
PL.22464	PD.1454	A	4ACSR	7.39Y	123.2	0.00	2.82	0.57	0	4	1	97	0.00	0.0	2.881	0.045	0	0	0	1
447606	PL.22464	A	Consumer	7.39Y	123.2	0.00	2.82	0.57	0	4	1	97	0.00	0.0	2.881	0.000	4	1	1	1
447609	PL.11118	A	Consumer	7.39Y	123.2	0.00	2.82	0.52	0	4	1	97	0.00	0.0	2.825	0.000	4	1	1	1
446608	PL.24751	A	Consumer	7.40Y	123.4	0.00	2.62	0.27	0	2	1	89	0.00	0.0	2.627	0.000	2	1	1	1
PL.22052	PL.11116	A	4ACSR	7.43Y	123.8	0.00	2.20	3.82	2	27	8	96	0.00	0.0	2.217	0.028	0	0	0	5
PD.1450	PL.22052	A	fuse6AMP	7.43Y	123.8	0.00	2.20	3.82	65	27	8	96	0.00	0.0	2.217	0.000	0	0	0	5
PL.22053	PD.1450	A	4ACSR	7.43Y	123.8	0.03	2.22	3.82	2	27	8	96	0.01	0.0	2.373	0.155	0	0	0	5
PL.23318	PL.22053	A	4ACSR	7.43Y	123.8	0.01	2.23	2.06	1	15	5	95	0.00	0.0	2.437	0.064	0	0	0	2
PL.45816	PL.23318	A	4ACSR	7.43Y	123.8	0.00	2.23	2.04	1	14	5	94	0.00	0.0	2.457	0.021	0	0	0	1
4466024	PL.45816	A	Consumer	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	2.457	0.000	0	0	0	0
PL.45817	PL.45816	A	4ACSR	7.43Y	123.8	0.00	2.23	2.04	1	14	5	94	0.00	0.0	2.484	0.026	0	0	0	1
446611	PL.45817	A	Consumer	7.43Y	123.8	0.00	2.23	2.04	0	14	5	94	0.00	0.0	2.484	0.000	14	5	1	1
446616	PL.23318	A	Consumer	7.43Y	123.8	0.00	2.23	0.01	0	0	0	100	0.00	0.0	2.437	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements like PL.22822, 446614, 446603, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru %	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
PL.115	PL.20660	A	1/0CU	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	1.684	0.119	0	0	0	0
		B		7.58Y	126.3	0.00	-0.31	0.00	0	0	0	100					0	0	0	1
		C		7.56Y	126.0	0.00	-0.03	0.00	0	0	0	100					0	0	0	0
PL.14816	PL.115	A	1/0CU	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	1.689	0.005	0	0	0	0
		B		7.58Y	126.3	0.00	-0.31	0.00	0	0	0	100					0	0	0	0
		C		7.56Y	126.0	0.00	-0.03	0.00	0	0	0	100					0	0	0	0
PL.29061	PL.14816	A	1/0CU	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	1.695	0.006	0	0	0	0
		B		7.58Y	126.3	0.00	-0.31	0.00	0	0	0	100					0	0	0	0
		C		7.56Y	126.0	0.00	-0.03	0.00	0	0	0	100					0	0	0	0
PD.387-A	PL.29061	A	Open	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	1.695	0.000	0	0	0	0
		B		7.58Y	126.3	0.00	-0.31	0.00	0	0	0	100					0	0	0	0
		C		7.56Y	126.0	0.00	-0.03	0.00	0	0	0	100					0	0	0	0
PL.11849	PL.115	B	4ACSR	7.58Y	126.3	0.00	-0.31	0.00	0	0	100	0.00	0.0	1.695	0.011	0	0	0	1	
PD.1461	PL.11849	B	fuse6AMP	7.58Y	126.3	0.00	-0.31	0.00	0	0	100	0.00	0.0	1.695	0.000	0	0	0	1	
PL.11850	PD.1461	B	4ACSR	7.58Y	126.3	0.00	-0.31	0.00	0	0	100	0.00	0.0	1.814	0.120	0	0	0	1	
445547	PL.11850	B	Consumer	7.58Y	126.3	0.00	-0.31	0.00	0	0	100	0.00	0.0	1.814	0.000	0	0	1	1	
PL.2756	PL.20660	B	4ACSR	7.58Y	126.3	0.02	-0.30	6.15	3	44	15	95	0.01	0.0	1.627	0.062	0	0	0	9
C PD.1462	PL.2756	B	fuse6AMP	7.58Y	126.3	0.00	-0.30	6.15	105	44	15	95	0.00	0.0	1.627	0.000	0	0	0	9 C
PL.24910	PD.1462	B	4ACSR	7.58Y	126.3	0.03	-0.27	6.15	3	44	15	95	0.01	0.0	1.721	0.094	0	0	0	9
445542	PL.24910	B	Consumer	7.58Y	126.3	0.00	-0.27	0.38	0	3	1	95	0.00	0.0	1.721	0.000	3	1	1	1
445534	445542	B	Consumer	7.58Y	126.3	0.00	-0.27	0.00	0	0	0	100	0.00	0.0	1.721	0.000	0	0	0	0
PL.24911	PL.24910	B	4ACSR	7.58Y	126.3	0.02	-0.25	3.34	2	24	8	95	0.00	0.0	1.837	0.116	0	0	0	6
PL.24912	PL.24911	B	4ACSR	7.57Y	126.2	0.00	-0.25	0.94	0	7	3	92	0.00	0.0	1.923	0.086	0	0	0	3
445538	PL.24912	B	Consumer	7.57Y	126.2	0.00	-0.25	0.23	0	2	1	89	0.00	0.0	1.923	0.000	2	1	1	1
445530	PL.24912	B	Consumer	7.57Y	126.2	0.00	-0.25	0.67	0	5	2	93	0.00	0.0	1.923	0.000	5	2	1	1
445544	PL.24912	B	Consumer	7.57Y	126.2	0.00	-0.25	0.00	0	0	0	100	0.00	0.0	1.923	0.000	0	0	0	0
445533	PL.24912	B	Consumer	7.57Y	126.2	0.00	-0.25	0.05	0	0	0	100	0.00	0.0	1.923	0.000	0	0	1	1
PL.35049	PL.24911	B	2ACSR	7.58Y	126.3	0.00	-0.25	1.00	0	7	2	96	0.00	0.0	1.884	0.046	0	0	0	1
4455056	PL.35049	B	Consumer	7.58Y	126.3	0.00	-0.25	1.00	0	7	2	96	0.00	0.0	1.884	0.000	7	2	1	1
445548	PL.24911	B	Consumer	7.58Y	126.3	0.00	-0.25	1.10	0	8	2	97	0.00	0.0	1.837	0.000	8	2	1	1
445539	PL.24911	B	Consumer	7.58Y	126.3	0.00	-0.25	0.29	0	2	1	89	0.00	0.0	1.837	0.000	2	1	1	1
PL.43723	PL.24910	B	2ACSR	7.58Y	126.3	0.00	-0.27	2.43	1	18	5	96	0.00	0.0	1.769	0.048	0	0	0	2
4455063	PL.43723	B	Consumer	7.58Y	126.3	0.00	-0.27	0.00	0	0	0	100	0.00	0.0	1.769	0.000	0	0	0	0
PL.43724	PL.43723	B	2ACSR	7.58Y	126.3	0.00	-0.26	2.43	1	18	5	96	0.00	0.0	1.805	0.036	0	0	0	2
PL.36768	PL.43724	B	2ACSR	7.58Y	126.3	0.00	-0.26	1.11	0	8	3	94	0.00	0.0	1.829	0.024	0	0	0	1
PL.45799	PL.36768	B	2ACSR	7.58Y	126.3	0.00	-0.26	0.00	0	0	0	100	0.00	0.0	1.859	0.030	0	0	0	0
PL.45800	PL.45799	B	2ACSR	7.58Y	126.3	0.00	-0.26	0.00	0	0	0	100	0.00	0.0	1.970	0.111	0	0	0	0
4455065	PL.45799	B	Consumer	7.58Y	126.3	0.00	-0.26	0.00	0	0	0	100	0.00	0.0	1.859	0.000	0	0	0	0
4455060	PL.36768	B	Consumer	7.58Y	126.3	0.00	-0.26	1.11	0	8	3	94	0.00	0.0	1.829	0.000	8	3	1	1
PL.36481	PL.43724	B	2ACSR	7.58Y	126.3	0.00	-0.26	1.32	1	10	3	96	0.00	0.0	1.832	0.027	0	0	0	1
4455057	PL.36481	B	Consumer	7.58Y	126.3	0.00	-0.26	1.32	0	10	3	96	0.00	0.0	1.832	0.000	10	3	1	1
PL.2757	PL.20660	C	4ACSR	7.56Y	126.0	0.01	-0.02	0.71	0	5	2	93	0.00	0.0	1.834	0.269	0	0	0	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
445537	PL.2757	C	Consumer	7.56Y	126.0	0.00	-0.02	0.71	0	5	2	93	0.00	0.0	1.834	0.000	5	2	1	1
4455064	PL.20660	C	Consumer	7.56Y	126.0	0.00	-0.03	0.00	0	0	0	100	0.00	0.0	1.565	0.000	0	0	0	0
445511	PL.20661	C	Consumer	7.56Y	126.0	0.00	-0.02	0.00	0	0	0	100	0.00	0.0	1.329	0.000	0	0	1	1
PL.11125	PL.108	A	4ACSR	7.51Y	125.1	0.02	0.88	18.69	10	134	42	95	0.02	0.0	1.217	0.018	0	0	0	29
PD.372-A	PL.11125	A	Closed	7.51Y	125.1	0.00	0.88	18.69	0	134	42	95	0.00	0.0	1.217	0.000	0	0	0	29
PD.372-B	PD.372-A	A	Closed	7.51Y	125.1	0.00	0.88	18.69	0	134	42	95	0.00	0.0	1.217	0.000	0	0	0	29
PL.11126	PD.372-B	A	4ACSR	7.50Y	125.1	0.04	0.92	18.69	10	134	42	95	0.04	0.0	1.268	0.051	0	0	0	29
PL.11127	PL.11126	A	4ACSR	7.50Y	125.1	0.02	0.94	18.69	10	134	42	95	0.02	0.0	1.292	0.024	0	0	0	29
PL.11132	PL.11127	A	4ACSR	7.50Y	125.0	0.05	0.99	18.36	9	131	41	95	0.05	0.0	1.353	0.060	0	0	0	27
PD.2657	PL.11132	A	35E	7.50Y	125.0	0.00	0.99	18.36	52	131	41	95	0.00	0.0	1.353	0.000	0	0	0	27
PL.11133	PD.2657	A	4ACSR	7.50Y	125.0	0.03	1.02	18.36	9	131	41	95	0.03	0.0	1.388	0.035	0	0	0	27
PL.11128	PL.11133	A	4ACSR	7.49Y	124.8	0.20	1.22	10.94	6	78	25	95	0.12	0.1	1.795	0.407	0	0	0	18
PL.11141	PL.11128	A	4ACSR	7.49Y	124.8	0.00	1.23	4.45	2	32	10	95	0.00	0.0	1.802	0.008	0	0	0	7
PD.1464	PL.11141	A	fuse6AMP	7.49Y	124.8	0.00	1.23	4.45	76	32	10	95	0.00	0.0	1.802	0.000	0	0	0	7
PL.11142	PD.1464	A	4ACSR	7.49Y	124.8	0.02	1.25	4.45	2	32	10	95	0.01	0.0	1.920	0.117	0	0	0	7
PL.11136	PL.11142	A	4ACSR	7.48Y	124.7	0.01	1.26	2.45	1	18	5	96	0.00	0.0	1.996	0.077	0	0	0	6
PL.11137	PL.11136	A	4ACSR	7.48Y	124.7	0.00	1.26	2.45	1	18	5	96	0.00	0.0	2.025	0.028	0	0	0	6
PL.22888	PL.11137	A	4ACSR	7.48Y	124.7	0.00	1.26	0.30	0	2	1	89	0.00	0.0	2.124	0.099	0	0	0	2
445531	PL.22888	A	Consumer	7.48Y	124.7	0.00	1.26	0.13	0	1	0	100	0.00	0.0	2.124	0.000	1	0	1	1
445526	PL.22888	A	Consumer	7.48Y	124.7	0.00	1.26	0.17	0	1	0	100	0.00	0.0	2.124	0.000	1	0	1	1
PL.11138	PL.11137	A	4ACSR	7.48Y	124.7	0.01	1.27	2.15	1	15	5	95	0.00	0.0	2.116	0.092	0	0	0	4
445543	PL.11138	A	Consumer	7.48Y	124.7	0.00	1.27	1.54	0	11	3	96	0.00	0.0	2.116	0.000	11	3	1	1
445515	PL.11138	A	Consumer	7.48Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	2.116	0.000	0	0	0	0
445522	PL.11138	A	Consumer	7.48Y	124.7	0.00	1.27	0.34	0	2	1	89	0.00	0.0	2.116	0.000	2	1	1	1
445524	PL.11138	A	Consumer	7.48Y	124.7	0.00	1.27	0.09	0	1	0	100	0.00	0.0	2.116	0.000	1	0	1	1
445521	PL.11138	A	Consumer	7.48Y	124.7	0.00	1.27	0.18	0	1	0	100	0.00	0.0	2.116	0.000	1	0	1	1
PL.22896	PL.11142	A	4ACSR	7.48Y	124.7	0.01	1.26	2.00	1	14	4	96	0.00	0.0	1.980	0.060	0	0	0	1
445549	PL.22896	A	Consumer	7.48Y	124.7	0.00	1.26	2.00	0	14	4	96	0.00	0.0	1.980	0.000	14	4	1	1
PL.11139	PL.11128	A	4ACSR	7.49Y	124.8	0.01	1.23	5.47	3	39	12	96	0.00	0.0	1.820	0.025	0	0	0	10
PL.22467	PL.11139	A	4ACSR	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	1.828	0.008	0	0	0	0
PD.1466	PL.22467	A	fuse6AMP	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	1.828	0.000	0	0	0	0
PL.22468	PD.1466	A	4ACSR	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	1.922	0.093	0	0	0	0
445507	PL.22468	A	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	1.922	0.000	0	0	0	0
PL.11140	PL.11139	A	4ACSR	7.48Y	124.7	0.03	1.26	5.47	3	39	12	96	0.01	0.0	1.924	0.104	0	0	0	10
PL.6445	PL.11140	A	4ACSR	7.48Y	124.7	0.01	1.26	4.48	2	32	10	95	0.00	0.0	1.960	0.036	0	0	0	7
PL.6914	PL.6445	A	4ACSR	7.48Y	124.7	0.01	1.27	4.48	2	32	10	95	0.00	0.0	1.999	0.039	0	0	0	7
444532	PL.6914	A	Consumer	7.48Y	124.7	0.00	1.27	0.83	0	6	2	95	0.00	0.0	1.999	0.000	6	2	1	1
PL.41196	PL.6914	A	4ACSR	7.48Y	124.7	0.02	1.29	3.65	2	26	8	96	0.00	0.0	2.105	0.106	0	0	0	6

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.41197	PL.41196	A	4ACSR	7.48Y	124.7	0.02	1.31	3.65	2	26	8	96	0.00	0.0	2.221	0.116	0	0	0	6
PL.10853	PL.41197	A	4ACSR	7.48Y	124.7	0.01	1.31	3.65	2	26	8	96	0.00	0.0	2.257	0.036	0	0	0	6
PL.10854	PL.10853	A	4ACSR	7.48Y	124.7	0.01	1.32	2.79	1	20	6	96	0.00	0.0	2.298	0.041	0	0	0	5
PL.6908	PL.10854	A	4ACSR	7.48Y	124.7	0.00	1.32	0.88	0	6	2	95	0.00	0.0	2.360	0.063	0	0	0	3
444521	PL.6908	A	Consumer	7.48Y	124.7	0.00	1.32	0.46	0	3	1	95	0.00	0.0	2.360	0.000	3	1	1	1
PL.6909	PL.6908	A	4ACSR	7.48Y	124.7	0.00	1.32	0.42	0	3	1	95	0.00	0.0	2.416	0.056	0	0	0	2
444512	PL.6909	A	Consumer	7.48Y	124.7	0.00	1.32	0.41	0	3	1	95	0.00	0.0	2.416	0.000	3	1	1	1
PL.6910	PL.6909	A	4ACSR	7.48Y	124.7	0.00	1.32	0.01	0	0	0	100	0.00	0.0	2.468	0.052	0	0	0	1
444518	PL.6910	A	Consumer	7.48Y	124.7	0.00	1.32	0.01	0	0	0	100	0.00	0.0	2.468	0.000	0	0	1	1
444507	PL.10854	A	Consumer	7.48Y	124.7	0.00	1.32	1.64	0	12	4	95	0.00	0.0	2.298	0.000	12	4	1	1
444524	PL.10854	A	Consumer	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	2.298	0.000	0	0	0	0
444508	PL.10854	A	Consumer	7.48Y	124.7	0.00	1.32	0.27	0	2	1	89	0.00	0.0	2.298	0.000	2	1	1	1
PL.10855	PL.10853	A	4ACSR	7.48Y	124.7	0.00	1.31	0.86	0	6	2	95	0.00	0.0	2.267	0.009	0	0	0	1
PD.1426	PL.10855	A	fuse6AMP	7.48Y	124.7	0.00	1.31	0.86	15	6	2	95	0.00	0.0	2.267	0.000	0	0	0	1
PL.10856	PD.1426	A	4ACSR	7.48Y	124.7	0.00	1.32	0.86	0	6	2	95	0.00	0.0	2.304	0.037	0	0	0	1
444535	PL.10856	A	Consumer	7.48Y	124.7	0.00	1.32	0.86	0	6	2	95	0.00	0.0	2.304	0.000	6	2	1	1
PL.41195	PL.41196	A	2ACSR	7.48Y	124.7	0.00	1.29	0.00	0	0	0	100	0.00	0.0	2.159	0.054	0	0	0	0
4445037	PL.41195	A	Consumer	7.48Y	124.7	0.00	1.29	0.00	0	0	0	100	0.00	0.0	2.159	0.000	0	0	0	0
445541	PL.11140	A	Consumer	7.48Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	1.924	0.000	0	0	1	1
445518	PL.11140	A	Consumer	7.48Y	124.7	0.00	1.26	0.01	0	0	0	100	0.00	0.0	1.924	0.000	0	0	1	1
445527	PL.11140	A	Consumer	7.48Y	124.7	0.00	1.26	0.98	0	7	2	96	0.00	0.0	1.924	0.000	7	2	1	1
PL.22465	PL.11128	A	4ACSR	7.49Y	124.8	0.00	1.23	1.02	1	7	2	96	0.00	0.0	1.801	0.006	0	0	0	1
PD.1465	PL.22465	A	fuse6AMP	7.49Y	124.8	0.00	1.23	1.02	17	7	2	96	0.00	0.0	1.801	0.000	0	0	0	1
PL.22466	PD.1465	A	4ACSR	7.49Y	124.8	0.00	1.23	1.02	1	7	2	96	0.00	0.0	1.834	0.033	0	0	0	1
445550	PL.22466	A	Consumer	7.49Y	124.8	0.00	1.23	1.02	0	7	2	96	0.00	0.0	1.834	0.000	7	2	1	1
PL.11129	PL.11133	A	4ACSR	7.50Y	125.0	0.00	1.03	7.42	4	53	17	95	0.00	0.0	1.399	0.011	0	0	0	9
C PD.1463	PL.11129	A	fuse6AMP	7.50Y	125.0	0.00	1.03	7.42	127	53	17	95	0.00	0.0	1.399	0.000	0	0	0	9 C
PL.11130	PD.1463	A	4ACSR	7.50Y	125.0	0.02	1.04	7.42	4	53	17	95	0.01	0.0	1.446	0.048	0	0	0	9
PL.11131	PL.11130	A	4ACSR	7.50Y	125.0	0.00	1.05	0.76	0	5	2	93	0.00	0.0	1.523	0.076	0	0	0	1
PL.6446	PL.11131	A	4ACSR	7.50Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	1.523	0.000	0	0	0	0
445545	PL.11131	A	Consumer	7.50Y	125.0	0.00	1.05	0.76	0	5	2	93	0.00	0.0	1.523	0.000	5	2	1	1
PL.36530	PL.11130	A	4ACSR	7.50Y	124.9	0.03	1.07	5.81	3	42	13	96	0.01	0.0	1.566	0.119	0	0	0	7
PL.36529	PL.36530	A	2ACSR	7.50Y	124.9	0.00	1.07	0.18	0	1	0	100	0.00	0.0	1.602	0.036	0	0	0	1
4455058	PL.36529	A	Consumer	7.50Y	124.9	0.00	1.07	0.18	0	1	0	100	0.00	0.0	1.602	0.000	1	0	1	1
PL.36531	PL.36530	A	4ACSR	7.49Y	124.9	0.01	1.08	5.64	3	40	13	95	0.00	0.0	1.604	0.038	0	0	0	6
PL.34619	PL.36531	A	4ACSR	7.49Y	124.9	0.01	1.09	2.66	1	19	6	95	0.00	0.0	1.658	0.054	0	0	0	2
PL.34618	PL.34619	A	2ACSR	7.49Y	124.9	0.00	1.09	1.14	0	8	3	94	0.00	0.0	1.693	0.035	0	0	0	1
4455055	PL.34618	A	Consumer	7.49Y	124.9	0.00	1.09	1.14	0	8	3	94	0.00	0.0	1.693	0.000	8	3	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for various elements like PL.46078, PL.46079, PL.2755, etc.

Unbalanced Voltage Drop Report
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Unbalanced Voltage Drop Report
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.25905, 444665, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PD.350-A	PL.9702	A	Closed	15.06Y	125.5	0.00	0.48	44.72	0	641	208	95	0.00	0.0	0.913	0.000	0	0	0	160		
		B		15.10Y	125.8	0.00	0.16	8.71	0	126	39	95					0	0	0	36		
		C		15.08Y	125.7	0.00	0.33	28.57	0	409	135	95					0	0	0	87		
PD.350-B	PD.350-A	A	Closed	15.06Y	125.5	0.00	0.48	44.72	0	641	208	95	0.00	0.0	0.913	0.000	0	0	0	160		
		B		15.10Y	125.8	0.00	0.16	8.71	0	126	39	95					0	0	0	36		
		C		15.08Y	125.7	0.00	0.33	28.57	0	409	135	95					0	0	0	87		
PL.44215	PD.350-B	A	336ACSR	15.06Y	125.5	0.01	0.48	44.72	6	641	208	95	0.03	0.0	0.943	0.030	0	0	0	160		
		B		15.10Y	125.8	-0.00	0.16	8.71	1	126	39	95					0	0	0	36		
		C		15.08Y	125.7	0.01	0.33	28.57	4	409	135	95					0	0	0	87		
PL.44216	PL.44215	A	336ACSR	15.06Y	125.5	0.00	0.48	44.72	6	641	208	95	0.02	0.0	0.967	0.023	0	0	0	160		
		B		15.10Y	125.8	-0.00	0.16	8.71	1	126	39	95					0	0	0	36		
		C		15.08Y	125.7	0.00	0.34	28.57	4	409	135	95					0	0	0	87		
PL.9704	PL.44216	A	336ACSR	15.06Y	125.5	0.01	0.49	44.72	6	641	208	95	0.04	0.0	1.012	0.045	0	0	0	160		
		B		15.10Y	125.8	-0.00	0.15	8.71	1	126	39	95					0	0	0	36		
		C		15.08Y	125.7	0.01	0.35	28.57	4	409	135	95					0	0	0	87		
PL.9705	PL.9704	B	4ACSR	15.10Y	125.8	0.00	0.15	2.35	1	34	11	95	0.00	0.0	1.016	0.004	0	0	0	3		
PD.1081	PL.9705	B	fuse6AMP	15.10Y	125.8	0.00	0.15	2.35	40	34	11	95	0.00	0.0	1.016	0.000	0	0	0	3		
PL.9706	PD.1081	B	4ACSR	15.10Y	125.8	0.00	0.16	2.35	1	34	11	95	0.00	0.0	1.085	0.069	0	0	0	3		
443643	PL.9706	B	Consumer	15.10Y	125.8	0.00	0.16	1.16	0	17	5	96	0.00	0.0	1.085	0.000	17	5	1	1		
443628	PL.9706	B	Consumer	15.10Y	125.8	0.00	0.16	0.02	0	0	0	100	0.00	0.0	1.085	0.000	0	0	1	1		
443631	PL.9706	B	Consumer	15.10Y	125.8	0.00	0.16	1.18	0	17	5	96	0.00	0.0	1.085	0.000	17	5	1	1		
PL.9707	PL.9704	A	336ACSR	15.06Y	125.5	0.01	0.50	44.72	6	641	208	95	0.04	0.0	1.054	0.042	0	0	0	160		
		B		15.10Y	125.8	-0.00	0.15	6.36	1	92	29	95					0	0	0	33		
		C		15.08Y	125.6	0.01	0.36	28.57	4	409	135	95					0	0	0	87		
PL.9711	PL.9707	B	4ACSR	15.10Y	125.8	0.00	0.15	0.07	0	1	0	100	0.00	0.0	1.060	0.006	0	0	0	2		
PD.1082	PL.9711	B	fuse6AMP	15.10Y	125.8	0.00	0.15	0.07	1	1	0	100	0.00	0.0	1.060	0.000	0	0	0	2		
PL.9712	PD.1082	B	4ACSR	15.10Y	125.8	0.00	0.15	0.07	0	1	0	100	0.00	0.0	1.132	0.071	0	0	0	2		
443606	PL.9712	B	Consumer	15.10Y	125.8	0.00	0.15	0.04	0	1	0	100	0.00	0.0	1.132	0.000	1	0	1	1		
443613	PL.9712	B	Consumer	15.10Y	125.8	0.00	0.15	0.02	0	0	0	100	0.00	0.0	1.132	0.000	0	0	1	1		
PL.9708	PL.9707	A	336ACSR	15.06Y	125.5	0.00	0.50	44.72	6	641	208	95	0.00	0.0	1.054	0.000	0	0	0	160		
		B		15.10Y	125.8	0.00	0.15	6.29	1	91	28	95					0	0	0	30		
		C		15.08Y	125.6	0.00	0.36	28.57	4	409	135	95					0	0	0	87		
PL.9709	PL.9708	B	4ACSR	15.10Y	125.8	0.00	0.15	0.07	0	1	0	100	0.00	0.0	1.059	0.005	0	0	0	1		
PD.1083	PL.9709	B	fuse6AMP	15.10Y	125.8	0.00	0.15	0.07	1	1	0	100	0.00	0.0	1.059	0.000	0	0	0	1		
PL.9710	PD.1083	B	4ACSR	15.10Y	125.8	0.00	0.15	0.07	0	1	0	100	0.00	0.0	1.154	0.095	0	0	0	1		
PL.6863	PL.9710	B	4ACSR	15.10Y	125.8	0.00	0.15	0.00	0	0	0	100	0.00	0.0	1.154	0.000	0	0	0	0		
443659	PL.9710	B	Consumer	15.10Y	125.8	0.00	0.15	0.07	0	1	0	100	0.00	0.0	1.154	0.000	1	0	1	1		
PL.9713	PL.9708	A	336ACSR	15.06Y	125.5	0.03	0.53	44.72	6	641	208	95	0.14	0.0	1.211	0.157	0	0	0	160		
		B		15.10Y	125.9	-0.01	0.14	6.22	1	90	28	95					0	0	0	29		
		C		15.07Y	125.6	0.03	0.39	28.57	4	409	135	95					0	0	0	87		
PL.9715	PL.9713	B	4ACSR	15.10Y	125.9	0.00	0.14	1.17	1	17	5	96	0.00	0.0	1.217	0.006	0	0	0	3		
PD.1084	PL.9715	B	fuse6AMP	15.10Y	125.9	0.00	0.14	1.17	20	17	5	96	0.00	0.0	1.217	0.000	0	0	0	3		
PL.10507	PD.1084	B	4ACSR	15.10Y	125.9	0.00	0.14	1.17	1	17	5	96	0.00	0.0	1.287	0.070	0	0	0	3		
443615	PL.10507	B	Consumer	15.10Y	125.9	0.00	0.14	0.55	0	8	2	97	0.00	0.0	1.287	0.000	8	2	1	1		
443661	PL.10507	B	Consumer	15.10Y	125.9	0.00	0.14	0.58	0	8	3	94	0.00	0.0	1.287	0.000	8	3	1	1		
443639	PL.10507	B	Consumer	15.10Y	125.9	0.00	0.14	0.04	0	1	0	100	0.00	0.0	1.287	0.000	1	0	1	1		

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							% PF	kW Loss	% Loss	mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	mi Length (mi)	KW					KVAR			
PL.9714	PL.9713	A	336ACSR	15.06Y	125.5	0.01	0.54	44.72	6	641	207	95	0.07	0.0	1.291	0.080	0	0	0	160	
		B		15.10Y	125.9	-0.01	0.13	5.05	1	73	23	95					0	0	0	26	
		C		15.07Y	125.6	0.02	0.41	28.57	4	409	135	95					0	0	0	87	
PL.10508	PL.9714	A	336ACSR	15.05Y	125.5	0.01	0.55	44.72	6	641	207	95	0.03	0.0	1.323	0.032	0	0	0	160	
		B		15.10Y	125.9	-0.00	0.13	5.05	1	73	23	95					0	0	0	26	
		C		15.07Y	125.6	0.01	0.41	28.57	4	409	135	95					0	0	0	87	
443641	PL.10508	B	Consumer	15.10Y	125.9	0.00	0.13	0.37	0	5	2	93	0.00	0.0	1.323	0.000	5	2	1	1	
PL.10509	PL.10508	A	336ACSR	15.05Y	125.4	0.02	0.56	44.72	6	641	207	95	0.08	0.0	1.413	0.090	0	0	0	160	
		B		15.11Y	125.9	-0.01	0.12	4.68	1	67	21	95					0	0	0	25	
		C		15.07Y	125.6	0.02	0.43	28.57	4	409	135	95					0	0	0	87	
PL.10511	PL.10509	B	4ACSR	15.11Y	125.9	0.00	0.12	0.35	0	5	2	93	0.00	0.0	1.419	0.006	0	0	0	4	
PD.1086	PL.10511	B	fuse6AMP	15.11Y	125.9	0.00	0.12	0.35	6	5	2	93	0.00	0.0	1.419	0.000	0	0	0	4	
PL.10512	PD.1086	B	4ACSR	15.11Y	125.9	0.00	0.12	0.35	0	5	2	93	0.00	0.0	1.450	0.031	0	0	0	4	
PL.10510	PL.10512	B	4ACSR	15.11Y	125.9	0.00	0.12	0.25	0	4	1	97	0.00	0.0	1.510	0.060	0	0	0	1	
PL.6860	PL.10510	B	4ACSR	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	1.510	0.000	0	0	0	0	
443621	PL.10510	B	Consumer	15.11Y	125.9	0.00	0.12	0.25	0	4	1	97	0.00	0.0	1.510	0.000	4	1	1	1	
443619	PL.10512	B	Consumer	15.11Y	125.9	0.00	0.12	0.02	0	0	0	100	0.00	0.0	1.450	0.000	0	0	1	1	
443614	PL.10512	B	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	1.450	0.000	0	0	1	1	
443632	PL.10512	B	Consumer	15.11Y	125.9	0.00	0.12	0.09	0	1	0	100	0.00	0.0	1.450	0.000	1	0	1	1	
PL.10513	PL.10509	B	4ACSR	15.11Y	125.9	0.00	0.12	0.14	0	2	1	89	0.00	0.0	1.418	0.006	0	0	0	2	
PD.1085	PL.10513	B	fuse6AMP	15.11Y	125.9	0.00	0.12	0.14	2	2	1	89	0.00	0.0	1.418	0.000	0	0	0	2	
PL.10834	PD.1085	B	4ACSR	15.11Y	125.9	0.00	0.12	0.14	0	2	1	89	0.00	0.0	1.621	0.202	0	0	0	2	
PL.19534	PL.10834	B	4ACSR	15.11Y	125.9	0.00	0.12	0.01	0	0	0	100	0.00	0.0	1.671	0.051	0	0	0	1	
PL.19535	PL.19534	B	4ACSR	15.11Y	125.9	0.00	0.12	0.01	0	0	0	100	0.00	0.0	1.909	0.238	0	0	0	1	
444624	PL.19535	B	Consumer	15.11Y	125.9	0.00	0.12	0.01	0	0	0	100	0.00	0.0	1.909	0.000	0	0	1	1	
443651	PL.19534	B	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	1.671	0.000	0	0	0	0	
443653	PL.10834	B	Consumer	15.11Y	125.9	0.00	0.12	0.13	0	2	1	89	0.00	0.0	1.621	0.000	2	1	1	1	
PL.25954	PL.10509	A	336ACSR	15.05Y	125.4	0.05	0.61	44.72	6	640	207	95	0.29	0.0	1.729	0.317	0	0	0	160	
		B		15.11Y	125.9	-0.03	0.09	4.19	1	60	19	95					0	0	0	19	
		C		15.06Y	125.5	0.07	0.50	28.57	4	409	135	95					0	0	0	87	
PD.2456	PL.25954	A	50V4E	15.05Y	125.4	0.00	0.61	44.72	0	640	207	95	0.00	0.0	1.729	0.000	0	0	0	160	
		B		15.11Y	125.9	0.00	0.09	4.19	17	60	19	95					0	0	0	19	
		C		15.06Y	125.5	0.00	0.50	28.57	0	409	135	95					0	0	0	87	
PL.25955	PD.2456	A	336ACSR	15.05Y	125.4	0.00	0.62	44.72	6	640	207	95	0.01	0.0	1.744	0.015	0	0	0	160	
		B		15.11Y	125.9	-0.00	0.09	4.19	1	60	19	95					0	0	0	19	
		C		15.06Y	125.5	0.00	0.51	28.57	4	409	135	95					0	0	0	87	
PL.25719	PL.25955	A	4ACSR	15.04Y	125.4	0.01	0.63	44.72	23	640	206	95	0.06	0.0	1.756	0.012	0	0	0	160	
PD.352-A	PL.25719	A	Closed	15.04Y	125.4	0.00	0.63	44.72	0	640	206	95	0.00	0.0	1.756	0.000	0	0	0	160	
PD.352-B	PD.352-A	A	Closed	15.04Y	125.4	0.00	0.63	44.72	0	640	206	95	0.00	0.0	1.756	0.000	0	0	0	160	
PL.25720	PD.352-B	A	4ACSR	15.04Y	125.3	0.05	0.68	44.72	23	640	206	95	0.24	0.0	1.805	0.049	0	0	0	160	
PL.21269	PL.25720	A	4ACSR	15.04Y	125.3	0.00	0.68	0.54	0	8	2	97	0.00	0.0	1.813	0.008	0	0	0	3	
PD.1093	PL.21269	A	fuse6AMP	15.04Y	125.3	0.00	0.68	0.54	9	8	2	97	0.00	0.0	1.813	0.000	0	0	0	3	
PL.21270	PD.1093	A	4ACSR	15.04Y	125.3	0.00	0.68	0.54	0	8	2	97	0.00	0.0	1.858	0.045	0	0	0	3	
443638	PL.21270	A	Consumer	15.04Y	125.3	0.00	0.68	0.15	0	2	1	89	0.00	0.0	1.858	0.000	2	1	1	1	

Unbalanced Voltage Drop Report
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes a sub-header for Units Displayed In Volts and Base Voltage:120.0-

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.11054	PL.20922	A	4ACSR	14.99Y	124.9	0.00	1.12	3.45	2	49	15	96	0.00	0.0	2.329	0.005	0	0	0	13
PD.2454	PL.11054	A	25V4E	14.99Y	124.9	0.00	1.12	3.45	14	49	15	96	0.00	0.0	2.329	0.000	0	0	0	13
PL.11055	PD.2454	A	4ACSR	14.98Y	124.9	0.00	1.13	3.45	2	49	15	96	0.00	0.0	2.371	0.042	0	0	0	13
PL.6788	PL.11055	A	4ACSR	14.98Y	124.9	0.01	1.13	2.88	1	41	13	95	0.00	0.0	2.477	0.105	0	0	0	12
442601	PL.6788	A	Consumer	14.98Y	124.9	0.00	1.13	0.13	0	2	1	89	0.00	0.0	2.477	0.000	2	1	1	1
PL.25705	PL.6788	A	4ACSR	14.98Y	124.9	0.01	1.14	2.06	1	29	9	96	0.00	0.0	2.587	0.110	0	0	0	7
PL.22233	PL.25705	A	4ACSR	14.98Y	124.9	0.00	1.14	0.38	0	5	2	93	0.00	0.0	2.616	0.029	0	0	0	1
PD.1230	PL.22233	A	fuse6AMP	14.98Y	124.9	0.00	1.14	0.38	6	5	2	93	0.00	0.0	2.616	0.000	0	0	0	1
PL.22234	PD.1230	A	4ACSR	14.98Y	124.9	0.00	1.14	0.38	0	5	2	93	0.00	0.0	2.633	0.018	0	0	0	1
PL.23368	PL.22234	A	4ACSR	14.98Y	124.9	0.00	1.14	0.38	0	5	2	93	0.00	0.0	3.050	0.417	0	0	0	1
PL.28388	PL.23368	A	4ACSR	14.98Y	124.9	0.00	1.14	0.38	0	5	2	93	0.00	0.0	3.200	0.150	0	0	0	1
442515	PL.28388	A	Consumer	14.98Y	124.9	0.00	1.14	0.38	0	5	2	93	0.00	0.0	3.200	0.000	5	2	1	1
PL.28389	PL.28388	A	4ACSR	14.98Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.249	0.049	0	0	0	0
PL.23369	PL.28389	A	4ACSR	14.98Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.338	0.088	0	0	0	0
442533	PL.23369	A	Consumer	14.98Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.338	0.000	0	0	0	0
PL.46072	PL.23369	A	2ACSR	14.98Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.356	0.018	0	0	0	0
PD.8713-B	PL.46072	A	Open	14.98Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	3.356	0.000	0	0	0	0
PL.25706	PL.25705	A	4ACSR	14.98Y	124.9	0.01	1.14	1.68	1	24	8	95	0.00	0.0	2.766	0.179	0	0	0	6
PL.25707	PL.25706	A	4ACSR	14.98Y	124.8	0.01	1.15	1.68	1	24	8	95	0.00	0.0	2.991	0.225	0	0	0	6
442616	PL.25707	A	Consumer	14.98Y	124.8	0.00	1.15	0.21	0	3	1	95	0.00	0.0	2.991	0.000	3	1	1	1
442629	PL.25707	A	Consumer	14.98Y	124.8	0.00	1.15	0.01	0	0	0	100	0.00	0.0	2.991	0.000	0	0	1	1
PL.12466	PL.25707	A	4ACSR	14.98Y	124.8	0.01	1.16	1.46	1	21	7	95	0.00	0.0	3.182	0.191	0	0	0	4
PL.20528	PL.12466	A	4ACSR	14.98Y	124.8	0.00	1.16	0.34	0	5	2	93	0.00	0.0	3.190	0.008	0	0	0	2
PD.972	PL.20528	A	fuse6AMP	14.98Y	124.8	0.00	1.16	0.34	6	5	2	93	0.00	0.0	3.190	0.000	0	0	0	2
PL.20527	PD.972	A	4ACSR	14.98Y	124.8	0.00	1.16	0.34	0	5	2	93	0.00	0.0	3.210	0.020	0	0	0	2
442604	PL.20527	A	Consumer	14.98Y	124.8	0.00	1.16	0.29	0	4	1	97	0.00	0.0	3.210	0.000	4	1	1	1
442626	PL.20527	A	Consumer	14.98Y	124.8	0.00	1.16	0.05	0	1	0	100	0.00	0.0	3.210	0.000	1	0	1	1
PL.12467	PL.12466	A	4ACSR	14.98Y	124.8	0.00	1.16	1.11	1	16	5	95	0.00	0.0	3.300	0.118	0	0	0	2
PL.25704	PL.12467	A	4ACSR	14.98Y	124.8	0.00	1.17	0.54	0	8	2	97	0.00	0.0	3.495	0.195	0	0	0	1
442615	PL.25704	A	Consumer	14.98Y	124.8	0.00	1.17	0.54	0	8	2	97	0.00	0.0	3.495	0.000	8	2	1	1
4426033	PL.25704	A	Consumer	14.98Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	3.495	0.000	0	0	0	0
PL.20529	PL.12467	A	4ACSR	14.98Y	124.8	0.00	1.16	0.57	0	8	3	94	0.00	0.0	3.322	0.021	0	0	0	1
PD.973	PL.20529	A	fuse6AMP	14.98Y	124.8	0.00	1.16	0.57	10	8	3	94	0.00	0.0	3.322	0.000	0	0	0	1
PL.20530	PD.973	A	4ACSR	14.98Y	124.8	0.00	1.16	0.57	0	8	3	94	0.00	0.0	3.421	0.099	0	0	0	1
4426032	PL.20530	A	Consumer	14.98Y	124.8	0.00	1.16	0.57	0	8	3	94	0.00	0.0	3.421	0.000	8	3	1	1
PL.12464	PL.25706	A	4ACSR	14.98Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	2.786	0.020	0	0	0	0
PD.1231	PL.12464	A	fuse6AMP	14.98Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	2.786	0.000	0	0	0	0
PL.12465	PD.1231	A	4ACSR	14.98Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	2.835	0.049	0	0	0	0

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss	
PL.24008	PL.12465	A	4ACSR	14.98Y	124.9	0.00	1.14	0.00	0	0	0	0	100	0.00	0.0	2.845	0.010	0	0	0	0
PL.24007	PL.24008	A	4ACSR	14.98Y	124.9	0.00	1.14	0.00	0	0	0	0	100	0.00	0.0	2.921	0.076	0	0	0	0
442531	PL.24007	A	Consumer	14.98Y	124.9	0.00	1.14	0.00	0	0	0	0	100	0.00	0.0	2.921	0.000	0	0	0	0
PL.22230	PL.6788	A	4ACSR	14.98Y	124.9	0.00	1.13	0.14	0	2	1	89	0.00	0.0	2.523	0.047	0	0	0	0	2
PL.22229	PL.22230	A	4ACSR	14.98Y	124.9	-0.00	1.13	0.09	0	1	0	100	0.00	0.0	2.525	0.002	0	0	0	0	1
PL.28372	PL.22229	A	4ACSR	14.98Y	124.9	0.00	1.13	0.09	0	1	0	100	0.00	0.0	2.580	0.055	0	0	0	0	1
442508	PL.28372	A	Consumer	14.98Y	124.9	0.00	1.13	0.09	0	1	0	100	0.00	0.0	2.580	0.000	1	0	1	1	1
PL.23327	PL.22229	A	4ACSR	14.98Y	124.9	0.00	1.13	0.00	0	0	0	100	0.00	0.0	2.525	0.000	0	0	0	0	0
442602	PL.22230	A	Consumer	14.98Y	124.9	0.00	1.13	0.06	0	1	0	100	0.00	0.0	2.523	0.000	1	0	1	1	1
PL.25702	PL.6788	A	4ACSR	14.98Y	124.9	0.00	1.13	0.55	0	8	2	97	0.00	0.0	2.480	0.004	0	0	0	0	2
PD.1229	PL.25702	A	fuse6AMP	14.98Y	124.9	0.00	1.13	0.55	9	8	2	97	0.00	0.0	2.480	0.000	0	0	0	0	2
PL.25703	PD.1229	A	4ACSR	14.98Y	124.9	0.00	1.13	0.55	0	8	2	97	0.00	0.0	2.500	0.020	0	0	0	0	2
442625	PL.25703	A	Consumer	14.98Y	124.9	0.00	1.13	0.51	0	7	2	96	0.00	0.0	2.500	0.000	7	2	1	1	1
442627	PL.25703	A	Consumer	14.98Y	124.9	0.00	1.13	0.04	0	1	0	100	0.00	0.0	2.500	0.000	1	0	1	1	1
442624	PL.11055	A	Consumer	14.98Y	124.9	0.00	1.13	0.00	0	0	0	100	0.00	0.0	2.371	0.000	0	0	0	0	0
442610	PL.11055	A	Consumer	14.98Y	124.9	0.00	1.13	0.56	0	8	3	94	0.00	0.0	2.371	0.000	8	3	1	1	1
PL.23328	PL.20922	A	4ACSR	14.99Y	124.9	0.00	1.12	0.53	0	8	2	97	0.00	0.0	2.392	0.068	0	0	0	0	2
442631	PL.23328	A	Consumer	14.99Y	124.9	0.00	1.12	0.40	0	6	2	95	0.00	0.0	2.392	0.000	6	2	1	1	1
442614	PL.23328	A	Consumer	14.99Y	124.9	0.00	1.12	0.13	0	2	1	89	0.00	0.0	2.392	0.000	2	1	1	1	1
442530	PL.11058	A	Consumer	14.99Y	124.9	0.00	1.12	0.50	0	7	2	96	0.00	0.0	2.263	0.000	7	2	1	1	1
PL.28371	PL.11058	A	4ACSR	14.99Y	124.9	0.00	1.12	1.84	1	26	9	94	0.00	0.0	2.314	0.051	0	0	0	0	3
4425037	PL.28371	A	Consumer	14.99Y	124.9	0.00	1.12	0.21	0	3	1	95	0.00	0.0	2.314	0.000	0	0	0	0	1
442524	4425037	A	Consumer	14.99Y	124.9	0.00	1.12	0.21	0	3	1	95	0.00	0.0	2.314	0.000	3	1	1	1	1
442521	PL.28371	A	Consumer	14.99Y	124.9	0.00	1.12	0.86	0	12	4	95	0.00	0.0	2.314	0.000	12	4	1	1	1
442522	PL.28371	A	Consumer	14.99Y	124.9	0.00	1.12	0.78	0	11	4	94	0.00	0.0	2.314	0.000	11	4	1	1	1
PL.6896	PL.11058	A	4ACSR	14.98Y	124.8	0.05	1.16	30.21	16	432	136	95	0.15	0.0	2.330	0.067	0	0	0	0	121
PL.11059	PL.6896	A	4ACSR	14.98Y	124.8	0.00	1.17	29.97	15	428	135	95	0.01	0.0	2.336	0.006	0	0	0	0	120
PD.362-A	PL.11059	A	Closed	14.98Y	124.8	0.00	1.17	29.97	0	428	135	95	0.00	0.0	2.336	0.000	0	0	0	0	120
PD.362-B	PD.362-A	A	Closed	14.98Y	124.8	0.00	1.17	29.97	0	428	135	95	0.00	0.0	2.336	0.000	0	0	0	0	120
PL.25701	PD.362-B	A	4ACSR	14.98Y	124.8	0.02	1.19	29.97	15	428	135	95	0.07	0.0	2.366	0.030	0	0	0	0	120
PL.11056	PL.25701	A	4ACSR	14.96Y	124.7	0.11	1.29	27.48	14	393	124	95	0.31	0.1	2.538	0.172	0	0	0	0	115
PL.106	PL.11056	A	4ACSR	14.96Y	124.6	0.08	1.37	22.43	12	320	101	95	0.19	0.1	2.695	0.157	0	0	0	0	97
PL.25723	PL.106	A	4ACSR	14.95Y	124.6	0.06	1.44	22.43	12	320	101	95	0.15	0.0	2.819	0.124	0	0	0	0	97
PL.41480	PL.25723	A	4ACSR	14.94Y	124.5	0.06	1.50	22.05	11	314	99	95	0.14	0.0	2.941	0.122	0	0	0	0	94
PL.41481	PL.41480	A	4ACSR	14.91Y	124.3	0.22	1.72	22.00	11	314	99	95	0.51	0.2	3.380	0.440	0	0	0	0	93
PL.25725	PL.41481	A	4ACSR	14.91Y	124.3	0.02	1.74	21.33	11	303	95	95	0.05	0.0	3.427	0.047	0	0	0	0	88
PD.370-A	PL.25725	A	Closed	14.91Y	124.3	0.00	1.74	21.33	0	303	95	95	0.00	0.0	3.427	0.000	0	0	0	0	88
PD.370-B	PD.370-A	A	Closed	14.91Y	124.3	0.00	1.74	21.33	0	303	95	95	0.00	0.0	3.427	0.000	0	0	0	0	88

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							% PF	kW Loss	% Loss	mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	mi Length (mi)	KW					KVAR			
PL.25726	PD.370-B	A	4ACSR	14.89Y	124.1	0.18	1.91	21.33	11	303	95	95	0.40	0.1	3.792	0.365	0	0	0	88	
PL.22311	PL.25726	A	4ACSR	14.89Y	124.1	0.00	1.92	0.48	0	7	2	96	0.00	0.0	3.872	0.080	0	0	0	3	
443428	PL.22311	A	Consumer	14.89Y	124.1	0.00	1.92	0.33	0	5	1	98	0.00	0.0	3.872	0.000	5	1	1	1	
PL.22815	PL.22311	A	4ACSR	14.89Y	124.1	0.00	1.92	0.15	0	2	1	89	0.00	0.0	3.980	0.109	0	0	0	2	
PL.23315	PL.22815	A	4ACSR	14.89Y	124.1	0.00	1.92	0.15	0	2	1	89	0.00	0.0	4.088	0.108	0	0	0	2	
443431	PL.23315	A	Consumer	14.89Y	124.1	0.00	1.92	0.15	0	2	1	89	0.00	0.0	4.088	0.000	2	1	1	1	
PL.23316	PL.23315	A	4ACSR	14.89Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	4.088	0.000	0	0	0	0	
PL.40296	PL.23315	A	2ACSR	14.89Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	4.186	0.098	0	0	0	1	
4434040	PL.40296	A	Consumer	14.89Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	4.186	0.000	0	0	1	1	
PL.25727	PL.25726	A	4ACSR	14.89Y	124.1	0.02	1.94	16.23	8	231	72	95	0.04	0.0	3.851	0.059	0	0	0	72	
443418	PL.25727	A	Consumer	14.89Y	124.1	0.00	1.94	0.06	0	1	0	100	0.00	0.0	3.851	0.000	1	0	1	1	
PL.17428	PL.25727	A	4ACSR	14.89Y	124.1	0.00	1.94	16.17	8	230	72	95	0.01	0.0	3.860	0.009	0	0	0	71	
PD.2468	PL.17428	A	50V4E	14.89Y	124.1	0.00	1.94	16.17	0	230	72	95	0.00	0.0	3.860	0.000	0	0	0	71	
PL.28259	PD.2468	A	4ACSR	14.88Y	124.0	0.07	2.01	16.17	8	230	72	95	0.13	0.1	4.061	0.201	0	0	0	71	
PL.22802	PL.28259	A	4ACSR	14.88Y	124.0	0.01	2.02	16.17	8	230	72	95	0.01	0.0	4.076	0.015	0	0	0	71	
443417	PL.22802	A	Consumer	14.88Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	4.076	0.000	0	0	1	1	
PL.6913	PL.22802	A	4ACSR	14.87Y	123.9	0.04	2.05	15.11	8	215	67	95	0.06	0.0	4.180	0.105	0	0	0	63	
PL.6894	PL.6913	A	4ACSR	14.87Y	123.9	0.05	2.10	15.11	8	215	67	95	0.07	0.0	4.313	0.132	0	0	0	63	
442434	PL.6894	A	Consumer	14.87Y	123.9	0.00	2.10	0.30	0	4	1	97	0.00	0.0	4.313	0.000	4	1	1	1	
PL.19598	PL.6894	A	4ACSR	14.86Y	123.9	0.03	2.13	14.81	8	210	66	95	0.05	0.0	4.416	0.103	0	0	0	62	
PL.19599	PL.19598	A	4ACSR	14.86Y	123.8	0.02	2.15	14.52	7	206	65	95	0.03	0.0	4.481	0.065	0	0	0	60	
PL.25728	PL.19599	A	4ACSR	14.86Y	123.8	0.03	2.19	14.52	7	206	65	95	0.05	0.0	4.578	0.097	0	0	0	60	
442439	PL.25728	A	Consumer	14.86Y	123.8	0.00	2.19	0.04	0	1	0	100	0.00	0.0	4.578	0.000	1	0	1	1	
PL.25988	PL.25728	A	4ACSR	14.85Y	123.8	0.03	2.22	14.48	7	205	64	95	0.05	0.0	4.672	0.094	0	0	0	59	
C PD.1097	PL.25988	A	fuse6AMP	14.85Y	123.8	0.00	2.22	14.48	247	205	64	95	0.00	0.0	4.672	0.000	0	0	0	59 C	
PL.25989	PD.1097	A	4ACSR	14.85Y	123.8	0.00	2.22	14.48	7	205	64	95	0.00	0.0	4.682	0.010	0	0	0	59	
PL.25729	PL.25989	A	4ACSR	14.85Y	123.8	0.00	2.22	10.54	5	149	47	95	0.00	0.0	4.692	0.011	0	0	0	46	
C PD.1096	PL.25729	A	fuse6AMP	14.85Y	123.8	0.00	2.22	10.54	180	149	47	95	0.00	0.0	4.692	0.000	0	0	0	46 C	
PL.25990	PD.1096	A	4ACSR	14.85Y	123.8	0.02	2.25	10.54	5	149	47	95	0.03	0.0	4.791	0.099	0	0	0	46	
PL.6892	PL.25990	A	4ACSR	14.85Y	123.8	0.00	2.25	0.21	0	3	1	95	0.00	0.0	4.849	0.058	0	0	0	1	
PL.6893	PL.6892	A	4ACSR	14.85Y	123.8	0.00	2.25	0.00	0	0	0	100	0.00	0.0	4.849	0.000	0	0	0	0	
442421	PL.6892	A	Consumer	14.85Y	123.8	0.00	2.25	0.21	0	3	1	95	0.00	0.0	4.849	0.000	3	1	1	1	
PL.25991	PL.25990	A	4ACSR	14.85Y	123.8	0.00	2.25	0.56	0	8	2	97	0.00	0.0	4.798	0.008	0	0	0	1	
PD.1098	PL.25991	A	fuse6AMP	14.85Y	123.8	0.00	2.25	0.56	10	8	2	97	0.00	0.0	4.798	0.000	0	0	0	1	
PL.25992	PD.1098	A	4ACSR	14.85Y	123.8	0.00	2.25	0.56	0	8	2	97	0.00	0.0	4.868	0.069	0	0	0	1	
442426	PL.25992	A	Consumer	14.85Y	123.8	0.00	2.25	0.56	0	8	2	97	0.00	0.0	4.868	0.000	8	2	1	1	
PL.25993	PL.25990	A	4ACSR	14.85Y	123.7	0.01	2.26	9.76	5	138	43	95	0.01	0.0	4.845	0.055	0	0	0	44	
442409	PL.25993	A	Consumer	14.85Y	123.7	0.00	2.26	0.50	0	7	2	96	0.00	0.0	4.845	0.000	7	2	1	1	

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF							kW Loss
442430	PL.25993	A	Consumer	14.85Y	123.7	0.00	2.26	0.02	0	0	0	100	0.00	0.0	4.845	0.000	0	0	1	1
PL.28016	PL.25993	A	4ACSR	14.85Y	123.7	0.01	2.27	9.25	5	131	41	95	0.01	0.0	4.899	0.053	0	0	0	42
PL.28017	PL.28016	A	4ACSR	14.85Y	123.7	0.01	2.28	8.83	5	125	39	95	0.01	0.0	4.959	0.061	0	0	0	40
C PD.1075	PL.28017	A	fuse6AMP	14.85Y	123.7	0.00	2.28	8.83	151	125	39	95	0.00	0.0	4.959	0.000	0	0	0	40 C
PL.11075	PD.1075	A	4ACSR	14.85Y	123.7	0.00	2.28	8.83	5	125	39	95	0.00	0.0	4.965	0.005	0	0	0	40
PL.11074	PL.11075	A	4ACSR	14.85Y	123.7	0.00	2.28	3.70	2	52	16	96	0.00	0.0	4.973	0.008	0	0	0	18
PD.1099	PL.11074	A	fuse6AMP	14.85Y	123.7	0.00	2.28	3.70	63	52	16	96	0.00	0.0	4.973	0.000	0	0	0	18
PL.11076	PD.1099	A	4ACSR	14.84Y	123.7	0.01	2.30	3.70	2	52	16	96	0.01	0.0	5.137	0.165	0	0	0	18
442410	PL.11076	A	Consumer	14.84Y	123.7	0.00	2.30	0.61	0	9	3	95	0.00	0.0	5.137	0.000	9	3	1	1
PL.11077	PL.11076	A	4ACSR	14.84Y	123.7	0.00	2.30	3.09	2	44	14	95	0.00	0.0	5.142	0.004	0	0	0	17
PD.2466	PL.11077	A	25V4E	14.84Y	123.7	0.00	2.30	3.09	12	44	14	95	0.00	0.0	5.142	0.000	0	0	0	17
4424045	PD.2466	A	Consumer	14.84Y	123.7	0.00	2.30	0.49	0	7	2	96	0.00	0.0	5.142	0.000	7	2	1	1
PL.11078	PD.2466	A	4ACSR	14.84Y	123.7	0.00	2.30	2.60	1	37	12	95	0.00	0.0	5.213	0.071	0	0	0	16
441410	PL.11078	A	Consumer	14.84Y	123.7	0.00	2.30	0.19	0	3	1	95	0.00	0.0	5.213	0.000	3	1	1	1
PL.11080	PL.11078	A	4ACSR	14.84Y	123.7	0.00	2.30	1.87	1	26	8	96	0.00	0.0	5.217	0.005	0	0	0	11
PD.360-A	PL.11080	A	Closed	14.84Y	123.7	0.00	2.30	1.87	0	26	8	96	0.00	0.0	5.217	0.000	0	0	0	11
PD.360-B	PD.360-A	A	Closed	14.84Y	123.7	0.00	2.30	1.87	0	26	8	96	0.00	0.0	5.217	0.000	0	0	0	11
PL.11081	PD.360-B	A	4ACSR	14.84Y	123.7	0.00	2.31	1.87	1	26	8	96	0.00	0.0	5.288	0.071	0	0	0	11
PL.22814	PL.11081	A	4ACSR	14.84Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	5.295	0.007	0	0	0	0
PD.1235	PL.22814	A	fuse6AMP	14.84Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	5.295	0.000	0	0	0	0
PL.22306	PD.1235	A	4ACSR	14.84Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	5.345	0.050	0	0	0	0
PL.28366	PL.22306	A	4ACSR	14.84Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	5.424	0.079	0	0	0	0
PL.11079	PL.11081	A	4ACSR	14.84Y	123.7	0.00	2.31	1.87	1	26	8	96	0.00	0.0	5.365	0.077	0	0	0	11
441403	PL.11079	A	Consumer	14.84Y	123.7	0.00	2.31	0.05	0	1	0	100	0.00	0.0	5.365	0.000	1	0	1	1
441404	PL.11079	A	Consumer	14.84Y	123.7	0.00	2.31	0.07	0	1	0	100	0.00	0.0	5.365	0.000	1	0	1	1
PL.11082	PL.11079	A	4ACSR	14.84Y	123.7	0.00	2.31	1.74	1	25	8	95	0.00	0.0	5.459	0.094	0	0	0	9
PD.1418	PL.11082	A	fuse6AMP	14.84Y	123.7	0.00	2.31	1.74	30	25	8	95	0.00	0.0	5.459	0.000	0	0	0	9
PL.32759	PD.1418	A	4ACSR	14.84Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	5.731	0.273	0	0	0	0
4414003	PL.32759	A	Consumer	14.84Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	5.731	0.000	0	0	0	0
PL.14810	PD.1418	A	4ACSR	14.84Y	123.7	0.01	2.32	1.43	1	20	6	96	0.00	0.0	5.754	0.295	0	0	0	8
PD.3053-A	PL.14810	A	Closed	14.84Y	123.7	0.00	2.32	1.43	0	20	6	96	0.00	0.0	5.754	0.000	0	0	0	8
PD.3053-B	PD.3053-A	A	Closed	14.84Y	123.7	0.00	2.32	1.43	0	20	6	96	0.00	0.0	5.754	0.000	0	0	0	8
PL.14811	PD.3053-B	A	4ACSR	14.84Y	123.7	0.01	2.33	1.43	1	20	6	96	0.00	0.0	6.038	0.284	0	0	0	8
PL.22307	PL.14811	A	4ACSR	14.84Y	123.7	0.00	2.33	0.26	0	4	1	97	0.00	0.0	6.048	0.010	0	0	0	2
PD.1419	PL.22307	A	fuse6AMP	14.84Y	123.7	0.00	2.33	0.26	4	4	1	97	0.00	0.0	6.048	0.000	0	0	0	2
PL.22308	PD.1419	A	4ACSR	14.84Y	123.7	0.00	2.33	0.26	0	4	1	97	0.00	0.0	6.105	0.056	0	0	0	2
PL.28356	PL.22308	A	4ACSR	14.84Y	123.7	0.00	2.33	0.26	0	4	1	97	0.00	0.0	6.184	0.080	0	0	0	2
441409	PL.28356	A	Consumer	14.84Y	123.7	0.00	2.33	0.02	0	0	0	100	0.00	0.0	6.184	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units Displayed In Volts (Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss), mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
PL.22460	PL.22459	A	4ACSR	14.84Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	6.819	0.072	0	0	0	0
PL.28355	PL.22460	A	4ACSR	14.84Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	6.882	0.064	0	0	0	0
PL.28354	PL.28355	A	4ACSR	14.84Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	6.932	0.050	0	0	0	0
PL.21191	PL.28354	A	4ACSR	14.84Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	7.082	0.150	0	0	0	0
PL.28365	PD.1418	A	4ACSR	14.84Y	123.7	0.00	2.31	0.31	0	4	1	97	0.00	0.0	5.548	0.089	0	0	0	1
441415	PL.28365	A	Consumer	14.84Y	123.7	0.00	2.31	0.31	0	4	1	97	0.00	0.0	5.548	0.000	4	1	1	1
PL.22812	PL.11078	A	4ACSR	14.84Y	123.7	0.00	2.30	0.54	0	8	2	97	0.00	0.0	5.221	0.009	0	0	0	4
PD.1234	PL.22812	A	fuse6AMP	14.84Y	123.7	0.00	2.30	0.54	9	8	2	97	0.00	0.0	5.221	0.000	0	0	0	4
PL.22813	PD.1234	A	4ACSR	14.84Y	123.7	0.00	2.30	0.54	0	8	2	97	0.00	0.0	5.322	0.100	0	0	0	4
441411	PL.22813	A	Consumer	14.84Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	5.322	0.000	0	0	1	1
441414	PL.22813	A	Consumer	14.84Y	123.7	0.00	2.30	0.25	0	4	1	97	0.00	0.0	5.322	0.000	4	1	1	1
PL.23304	PL.22813	A	4ACSR	14.84Y	123.7	0.00	2.31	0.29	0	4	1	97	0.00	0.0	5.687	0.365	0	0	0	2
PL.28364	PL.23304	A	4ACSR	14.84Y	123.7	0.00	2.31	0.29	0	4	1	97	0.00	0.0	5.814	0.127	0	0	0	2
441408	PL.28364	A	Consumer	14.84Y	123.7	0.00	2.31	0.16	0	2	1	89	0.00	0.0	5.814	0.000	2	1	1	1
PL.28363	PL.28364	A	4ACSR	14.84Y	123.7	0.00	2.31	0.13	0	2	1	89	0.00	0.0	5.919	0.105	0	0	0	1
PL.28362	PL.28363	A	4ACSR	14.84Y	123.7	0.00	2.31	0.13	0	2	1	89	0.00	0.0	5.985	0.066	0	0	0	1
PL.28361	PL.28362	A	4ACSR	14.84Y	123.7	0.00	2.31	0.13	0	2	1	89	0.00	0.0	6.066	0.081	0	0	0	1
PL.28359	PL.28361	A	4ACSR	14.84Y	123.7	0.00	2.31	0.13	0	2	1	89	0.00	0.0	6.148	0.082	0	0	0	1
PL.28358	PL.28359	A	4ACSR	14.84Y	123.7	0.00	2.31	0.13	0	2	1	89	0.00	0.0	6.193	0.045	0	0	0	1
441501	PL.28358	A	Consumer	14.84Y	123.7	0.00	2.31	0.13	0	2	1	89	0.00	0.0	6.193	0.000	2	1	1	1
PL.28360	PL.28362	A	4ACSR	14.84Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	6.086	0.101	0	0	0	0
PL.28369	PL.11075	A	4ACSR	14.85Y	123.7	0.00	2.28	0.48	0	7	2	96	0.00	0.0	5.055	0.091	0	0	0	3
PL.23302	PL.28369	A	4ACSR	14.85Y	123.7	0.00	2.28	0.19	0	3	1	95	0.00	0.0	5.259	0.203	0	0	0	1
442423	PL.23302	A	Consumer	14.85Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	5.259	0.000	0	0	0	0
PL.23303	PL.23302	A	4ACSR	14.85Y	123.7	0.00	2.29	0.19	0	3	1	95	0.00	0.0	5.298	0.039	0	0	0	1
442402	PL.23303	A	Consumer	14.85Y	123.7	0.00	2.29	0.19	0	3	1	95	0.00	0.0	5.298	0.000	3	1	1	1
PL.28367	PL.28369	A	4ACSR	14.85Y	123.7	0.00	2.28	0.11	0	2	0	100	0.00	0.0	5.116	0.061	0	0	0	1
442406	PL.28367	A	Consumer	14.85Y	123.7	0.00	2.28	0.11	0	2	0	100	0.00	0.0	5.116	0.000	2	0	1	1
PL.28368	PL.28369	A	4ACSR	14.85Y	123.7	0.00	2.28	0.18	0	3	1	95	0.00	0.0	5.108	0.053	0	0	0	1
442422	PL.28368	A	Consumer	14.85Y	123.7	0.00	2.28	0.18	0	3	1	95	0.00	0.0	5.108	0.000	3	1	1	1
PL.25994	PL.11075	A	4ACSR	14.84Y	123.7	0.01	2.30	4.24	2	60	19	95	0.01	0.0	5.102	0.137	0	0	0	17
PL.25995	PL.25994	A	4ACSR	14.84Y	123.7	0.00	2.30	3.96	2	56	18	95	0.00	0.0	5.110	0.008	0	0	0	15
PD.2465	PL.25995	A	25V4E	14.84Y	123.7	0.00	2.30	3.96	16	56	18	95	0.00	0.0	5.110	0.000	0	0	0	15
PL.25996	PD.2465	A	4ACSR	14.84Y	123.7	0.00	2.30	3.96	2	56	18	95	0.00	0.0	5.162	0.053	0	0	0	15
442412	PL.25996	A	Consumer	14.84Y	123.7	0.00	2.30	0.31	0	4	1	97	0.00	0.0	5.162	0.000	4	1	1	1
4424042	PL.25996	A	Consumer	14.84Y	123.7	0.00	2.30	0.03	0	0	0	100	0.00	0.0	5.162	0.000	0	0	1	1
4424046	PL.25996	A	Consumer	14.84Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	5.162	0.000	0	0	0	0
PL.25997	PL.25996	A	4ACSR	14.84Y	123.7	0.01	2.31	3.62	2	51	16	95	0.00	0.0	5.223	0.061	0	0	0	13

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.25998	PL.25997	A	4ACSR	14.84Y	123.7	0.01	2.32	3.60	2	51	16	95	0.00	0.0	5.342	0.119	0	0	0	12
442431	PL.25998	A	Consumer	14.84Y	123.7	0.00	2.32	0.10	0	1	0	100	0.00	0.0	5.342	0.000	1	0	1	1
PL.11060	PL.25998	A	4ACSR	14.84Y	123.7	0.01	2.32	3.50	2	50	16	95	0.00	0.0	5.422	0.079	0	0	0	11
PL.22808	PL.11060	A	4ACSR	14.84Y	123.7	0.00	2.32	0.11	0	1	0	100	0.00	0.0	5.434	0.013	0	0	0	1
PD.1100	PL.22808	A	fuse6AMP	14.84Y	123.7	0.00	2.32	0.11	2	1	0	100	0.00	0.0	5.434	0.000	0	0	0	1
PL.22809	PD.1100	A	4ACSR	14.84Y	123.7	0.00	2.32	0.11	0	1	0	100	0.00	0.0	5.497	0.063	0	0	0	1
442435	PL.22809	A	Consumer	14.84Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	5.497	0.000	0	0	0	0
442416	PL.22809	A	Consumer	14.84Y	123.7	0.00	2.32	0.11	0	1	0	100	0.00	0.0	5.497	0.000	1	0	1	1
PL.11061	PL.11060	A	4ACSR	14.84Y	123.7	0.00	2.33	2.54	1	36	11	96	0.00	0.0	5.496	0.074	0	0	0	9
PL.22810	PL.11061	A	4ACSR	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	5.504	0.008	0	0	0	0
PD.1233	PL.22810	A	fuse6AMP	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	5.504	0.000	0	0	0	0
PL.22811	PD.1233	A	4ACSR	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	5.534	0.030	0	0	0	0
PL.11062	PL.11061	A	4ACSR	14.84Y	123.7	0.00	2.33	2.54	1	36	11	96	0.00	0.0	5.553	0.057	0	0	0	9
442510	PL.11062	A	Consumer	14.84Y	123.7	0.00	2.33	0.43	0	6	2	95	0.00	0.0	5.553	0.000	6	2	1	1
PL.11063	PL.11062	A	4ACSR	14.84Y	123.7	0.01	2.34	2.11	1	30	9	96	0.00	0.0	5.681	0.128	0	0	0	8
442502	PL.11063	A	Consumer	14.84Y	123.7	0.00	2.34	0.55	0	8	2	97	0.00	0.0	5.681	0.000	8	2	1	1
PL.11066	PL.11063	A	4ACSR	14.84Y	123.7	0.00	2.34	1.56	1	22	7	95	0.00	0.0	5.780	0.099	0	0	0	7
PD.1232	PL.11066	A	fuse6AMP	14.84Y	123.7	0.00	2.34	1.56	27	22	7	95	0.00	0.0	5.780	0.000	0	0	0	7
PL.11067	PD.1232	A	4ACSR	14.84Y	123.7	0.00	2.34	1.56	1	22	7	95	0.00	0.0	5.794	0.014	0	0	0	7
PL.11068	PL.11067	A	4ACSR	14.84Y	123.7	0.00	2.34	1.28	1	18	6	95	0.00	0.0	5.905	0.112	0	0	0	5
PL.11069	PL.11068	A	4ACSR	14.84Y	123.7	0.00	2.34	1.03	1	15	5	95	0.00	0.0	5.919	0.013	0	0	0	3
PL.11070	PL.11069	A	4ACSR	14.84Y	123.7	0.00	2.34	1.03	1	15	5	95	0.00	0.0	5.935	0.017	0	0	0	3
442527	PL.11070	A	Consumer	14.84Y	123.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	5.935	0.000	0	0	0	0
PL.11071	PL.11070	A	4ACSR	14.84Y	123.7	0.00	2.34	1.03	1	15	5	95	0.00	0.0	5.962	0.027	0	0	0	3
PL.11072	PL.11071	A	4ACSR	14.84Y	123.7	0.00	2.35	0.53	0	7	2	96	0.00	0.0	6.046	0.084	0	0	0	2
442519	PL.11072	A	Consumer	14.84Y	123.7	0.00	2.35	0.34	0	5	1	98	0.00	0.0	6.046	0.000	5	1	1	1
PL.11073	PL.11072	A	4ACSR	14.84Y	123.7	0.00	2.35	0.19	0	3	1	95	0.00	0.0	6.171	0.125	0	0	0	1
442505	PL.11073	A	Consumer	14.84Y	123.7	0.00	2.35	0.19	0	3	1	95	0.00	0.0	6.171	0.000	3	1	1	1
PL.46071	PL.11073	A	2ACSR	14.84Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	6.259	0.087	0	0	0	0
PD.8713-A	PL.46071	A	Open	14.84Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	6.259	0.000	0	0	0	0
442514	PL.11071	A	Consumer	14.84Y	123.7	0.00	2.34	0.51	0	7	2	96	0.00	0.0	5.962	0.000	7	2	1	1
442504	PL.11071	A	Consumer	14.84Y	123.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	5.962	0.000	0	0	0	0
442525	PL.11068	A	Consumer	14.84Y	123.7	0.00	2.34	0.21	0	3	1	95	0.00	0.0	5.905	0.000	3	1	1	1
442517	PL.11068	A	Consumer	14.84Y	123.7	0.00	2.34	0.03	0	0	0	100	0.00	0.0	5.905	0.000	0	0	1	1
PL.28370	PL.11067	A	4ACSR	14.84Y	123.7	0.00	2.34	0.29	0	4	1	97	0.00	0.0	5.875	0.081	0	0	0	2
442513	PL.28370	A	Consumer	14.84Y	123.7	0.00	2.34	0.29	0	4	1	97	0.00	0.0	5.875	0.000	4	1	1	1
442518	PL.28370	A	Consumer	14.84Y	123.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	5.875	0.000	0	0	1	1
PL.11064	PL.11062	A	4ACSR	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	5.562	0.009	0	0	0	0

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PD.1101	PL.11064	A	fuse6AMP	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	5.562	0.000	0	0	0	0
PL.11065	PD.1101	A	4ACSR	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	5.639	0.077	0	0	0	0
442503	PL.11065	A	Consumer	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	5.639	0.000	0	0	0	0
PL.37755	PL.11060	A	2ACSR	14.84Y	123.7	0.00	2.32	0.86	0	12	4	95	0.00	0.0	5.478	0.057	0	0	0	1
4424043	PL.37755	A	Consumer	14.84Y	123.7	0.00	2.32	0.86	0	12	4	95	0.00	0.0	5.478	0.000	12	4	1	1
442427	PL.25997	A	Consumer	14.84Y	123.7	0.00	2.31	0.02	0	0	0	100	0.00	0.0	5.223	0.000	0	0	1	1
442429	PL.25997	A	Consumer	14.84Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	5.223	0.000	0	0	0	0
442425	PL.25994	A	Consumer	14.84Y	123.7	0.00	2.30	0.04	0	1	0	100	0.00	0.0	5.102	0.000	1	0	1	1
442420	PL.25994	A	Consumer	14.84Y	123.7	0.00	2.30	0.24	0	3	1	95	0.00	0.0	5.102	0.000	3	1	1	1
442415	PL.11075	A	Consumer	14.85Y	123.7	0.00	2.28	0.35	0	5	2	93	0.00	0.0	4.965	0.000	5	2	1	1
442433	PL.11075	A	Consumer	14.85Y	123.7	0.00	2.28	0.06	0	1	0	100	0.00	0.0	4.965	0.000	1	0	1	1
442417	PL.28016	A	Consumer	14.85Y	123.7	0.00	2.27	0.12	0	2	1	89	0.00	0.0	4.899	0.000	2	1	1	1
442428	PL.28016	A	Consumer	14.85Y	123.7	0.00	2.27	0.30	0	4	1	97	0.00	0.0	4.899	0.000	4	1	1	1
PL.27803	PL.25989	A	4ACSR	14.85Y	123.8	0.01	2.23	2.62	1	37	12	95	0.00	0.0	4.802	0.120	0	0	0	9
442407	PL.27803	A	Consumer	14.85Y	123.8	0.00	2.23	0.13	0	2	1	89	0.00	0.0	4.802	0.000	2	1	1	1
442408	PL.27803	A	Consumer	14.85Y	123.8	0.00	2.23	0.25	0	3	1	95	0.00	0.0	4.802	0.000	3	1	1	1
PL.27804	PL.27803	A	4ACSR	14.85Y	123.8	0.00	2.23	2.25	1	32	10	95	0.00	0.0	4.886	0.084	0	0	0	7
PD.363-A	PL.27804	A	Closed	14.85Y	123.8	0.00	2.23	2.25	0	32	10	95	0.00	0.0	4.886	0.000	0	0	0	7
PD.363-B	PD.363-A	A	Closed	14.85Y	123.8	0.00	2.23	2.25	0	32	10	95	0.00	0.0	4.886	0.000	0	0	0	7
PL.27642	PD.363-B	A	4ACSR	14.85Y	123.8	0.00	2.24	2.25	1	32	10	95	0.00	0.0	4.954	0.068	0	0	0	7
PL.12471	PL.27642	A	4ACSR	14.85Y	123.8	0.00	2.24	2.25	1	32	10	95	0.00	0.0	5.025	0.071	0	0	0	6
442436	PL.12471	A	Consumer	14.85Y	123.8	0.00	2.24	0.52	0	7	2	96	0.00	0.0	5.025	0.000	7	2	1	1
442401	PL.12471	A	Consumer	14.85Y	123.8	0.00	2.24	0.01	0	0	0	100	0.00	0.0	5.025	0.000	0	0	1	1
PL.12472	PL.12471	A	4ACSR	14.85Y	123.8	0.00	2.24	1.29	1	18	6	95	0.00	0.0	5.144	0.119	0	0	0	3
PL.6895	PL.12472	A	4ACSR	14.85Y	123.8	0.00	2.25	1.29	1	18	6	95	0.00	0.0	5.307	0.163	0	0	0	3
PL.12469	PL.6895	A	4ACSR	14.85Y	123.8	0.00	2.25	1.26	1	18	6	95	0.00	0.0	5.323	0.016	0	0	0	2
PD.361-A	PL.12469	A	Closed	14.85Y	123.8	0.00	2.25	1.26	0	18	6	95	0.00	0.0	5.323	0.000	0	0	0	2
PD.361-B	PD.361-A	A	Closed	14.85Y	123.8	0.00	2.25	1.26	0	18	6	95	0.00	0.0	5.323	0.000	0	0	0	2
PL.12470	PD.361-B	A	4ACSR	14.85Y	123.7	0.00	2.25	1.26	1	18	6	95	0.00	0.0	5.431	0.109	0	0	0	2
PL.24006	PL.12470	A	4ACSR	14.85Y	123.7	0.00	2.25	0.49	0	7	2	96	0.00	0.0	5.488	0.057	0	0	0	1
442325	PL.24006	A	Consumer	14.85Y	123.7	0.00	2.25	0.49	0	7	2	96	0.00	0.0	5.488	0.000	7	2	1	1
PL.12468	PL.12470	A	4ACSR	14.85Y	123.7	0.00	2.25	0.77	0	11	3	96	0.00	0.0	5.465	0.033	0	0	0	1
PL.6889	PL.12468	A	4ACSR	14.85Y	123.7	0.00	2.25	0.77	0	11	3	96	0.00	0.0	5.531	0.066	0	0	0	1
PL.6890	PL.6889	A	4ACSR	14.85Y	123.7	0.00	2.25	0.00	0	0	0	100	0.00	0.0	5.532	0.001	0	0	0	0
442323	PL.6889	A	Consumer	14.85Y	123.7	0.00	2.25	0.77	0	11	3	96	0.00	0.0	5.531	0.000	11	3	1	1
PL.24004	PL.6895	A	4ACSR	14.85Y	123.8	-0.00	2.25	0.03	0	0	0	100	0.00	0.0	5.307	0.000	0	0	0	1
PL.12473	PL.24004	A	4ACSR	14.85Y	123.8	0.00	2.25	0.03	0	0	0	100	0.00	0.0	5.537	0.230	0	0	0	1
442305	PL.12473	A	Consumer	14.85Y	123.8	0.00	2.25	0.03	0	0	0	100	0.00	0.0	5.537	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru % Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.12474	PL.12473	A	4ACSR	14.85Y	123.8	0.00	2.25	0.00	0	0	0	100	0.00	0.0	5.685	0.148	0	0	0	0
PL.24009	PL.12471	A	4ACSR	14.85Y	123.8	0.00	2.24	0.41	0	6	2	95	0.00	0.0	5.094	0.069	0	0	0	1
442441	PL.24009	A	Consumer	14.85Y	123.8	0.00	2.24	0.41	0	6	2	95	0.00	0.0	5.094	0.000	6	2	1	1
442424	PL.27642	A	Consumer	14.85Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	4.954	0.000	0	0	1	1
PL.22806	PL.25989	A	4ACSR	14.85Y	123.8	0.00	2.22	1.32	1	19	6	95	0.00	0.0	4.691	0.009	0	0	0	4
PD.364-A	PL.22806	A	Closed	14.85Y	123.8	0.00	2.22	1.32	0	19	6	95	0.00	0.0	4.691	0.000	0	0	0	4
PD.364-B	PD.364-A	A	Closed	14.85Y	123.8	0.00	2.22	1.32	0	19	6	95	0.00	0.0	4.691	0.000	0	0	0	4
PL.22807	PD.364-B	A	4ACSR	14.85Y	123.8	0.00	2.22	1.32	1	19	6	95	0.00	0.0	4.779	0.088	0	0	0	4
PL.22804	PL.22807	A	4ACSR	14.85Y	123.8	0.00	2.23	1.32	1	19	6	95	0.00	0.0	4.856	0.077	0	0	0	4
PL.22805	PL.22804	A	4ACSR	14.85Y	123.8	0.00	2.23	0.74	0	11	3	96	0.00	0.0	4.884	0.028	0	0	0	3
PL.22803	PL.22805	A	4ACSR	14.85Y	123.8	0.00	2.23	0.74	0	10	3	96	0.00	0.0	4.958	0.074	0	0	0	1
442440	PL.22803	A	Consumer	14.85Y	123.8	0.00	2.23	0.74	0	10	3	96	0.00	0.0	4.958	0.000	10	3	1	1
442414	PL.22805	A	Consumer	14.85Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	4.884	0.000	0	0	1	1
4424044	PL.22805	A	Consumer	14.85Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	4.884	0.000	0	0	1	1
PL.23370	PL.22804	A	4ACSR	14.85Y	123.8	0.00	2.23	0.58	0	8	3	94	0.00	0.0	4.902	0.046	0	0	0	1
442438	PL.23370	A	Consumer	14.85Y	123.8	0.00	2.23	0.58	0	8	3	94	0.00	0.0	4.902	0.000	8	3	1	1
442405	PL.19598	A	Consumer	14.86Y	123.9	0.00	2.13	0.29	0	4	1	97	0.00	0.0	4.416	0.000	4	1	1	1
442404	PL.19598	A	Consumer	14.86Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	4.416	0.000	0	0	1	1
PL.45934	PL.22802	A	4ACSR	14.88Y	124.0	0.00	2.02	1.06	1	15	5	95	0.00	0.0	4.098	0.023	0	0	0	7
PD.2674	PL.45934	A	fuse6AMP	14.88Y	124.0	0.00	2.02	1.06	18	15	5	95	0.00	0.0	4.098	0.000	0	0	0	7
PL.45935	PD.2674	A	4ACSR	14.88Y	124.0	0.00	2.02	1.06	1	15	5	95	0.00	0.0	4.112	0.013	0	0	0	7
PL.22312	PL.45935	A	4ACSR	14.88Y	124.0	0.00	2.02	0.08	0	1	0	100	0.00	0.0	4.166	0.054	0	0	0	1
443401	PL.22312	A	Consumer	14.88Y	124.0	0.00	2.02	0.08	0	1	0	100	0.00	0.0	4.166	0.000	1	0	1	1
PL.22744	PL.45935	A	4ACSR	14.88Y	124.0	0.00	2.02	0.98	1	14	4	96	0.00	0.0	4.314	0.202	0	0	0	6
PL.27985	PL.22744	A	4ACSR	14.88Y	124.0	0.00	2.03	0.98	1	14	4	96	0.00	0.0	4.414	0.100	0	0	0	6
PL.23317	PL.27985	A	4ACSR	14.88Y	124.0	0.00	2.03	0.98	1	14	4	96	0.00	0.0	4.470	0.056	0	0	0	6
PL.23310	PL.23317	A	4ACSR	14.88Y	124.0	0.00	2.03	0.65	0	9	3	95	0.00	0.0	4.471	0.002	0	0	0	5
PL.22310	PL.23310	A	4ACSR	14.88Y	124.0	0.00	2.03	0.65	0	9	3	95	0.00	0.0	4.486	0.015	0	0	0	5
PL.22511	PL.22310	A	4ACSR	14.88Y	124.0	0.00	2.03	0.53	0	8	2	97	0.00	0.0	4.567	0.081	0	0	0	3
PL.22512	PL.22511	A	4ACSR	14.88Y	124.0	0.00	2.03	0.02	0	0	0	100	0.00	0.0	4.788	0.221	0	0	0	1
443415	PL.22512	A	Consumer	14.88Y	124.0	0.00	2.03	0.02	0	0	0	100	0.00	0.0	4.788	0.000	0	0	1	1
PL.22509	PL.22511	A	4ACSR	14.88Y	124.0	0.00	2.03	0.51	0	7	2	96	0.00	0.0	4.795	0.228	0	0	0	2
443416	PL.22509	A	Consumer	14.88Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	4.795	0.000	0	0	1	1
443404	PL.22509	A	Consumer	14.88Y	124.0	0.00	2.03	0.51	0	7	2	96	0.00	0.0	4.795	0.000	7	2	1	1
PL.22510	PL.22310	A	4ACSR	14.88Y	124.0	0.00	2.03	0.11	0	2	1	89	0.00	0.0	4.558	0.071	0	0	0	2
PL.22818	PL.22510	A	4ACSR	14.88Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	4.650	0.092	0	0	0	1
443435	PL.22818	A	Consumer	14.88Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	4.650	0.000	0	0	1	1
443402	PL.22510	A	Consumer	14.88Y	124.0	0.00	2.03	0.11	0	2	0	100	0.00	0.0	4.558	0.000	2	0	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
443403	PL.23317	A	Consumer	14.88Y	124.0	0.00	2.03	0.33	0	5	1	98	0.00	0.0	4.470	0.000	5	1	1	1
443438	PL.27985	A	Consumer	14.88Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	4.414	0.000	0	0	0	0
PL.45570	PD.2468	A	2ACSR	14.89Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	3.947	0.087	0	0	0	0
4434041	PL.45570	A	Consumer	14.89Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	3.947	0.000	0	0	0	0
PL.23544	PL.25726	A	4ACSR	14.89Y	124.1	0.00	1.91	0.42	0	6	2	95	0.00	0.0	3.825	0.033	0	0	0	2
443429	PL.23544	A	Consumer	14.89Y	124.1	0.00	1.91	0.05	0	1	0	100	0.00	0.0	3.825	0.000	1	0	1	1
443411	PL.23544	A	Consumer	14.89Y	124.1	0.00	1.91	0.37	0	5	2	93	0.00	0.0	3.825	0.000	5	2	1	1
PL.23313	PL.25726	A	4ACSR	14.89Y	124.1	0.01	1.92	4.19	2	60	19	95	0.00	0.0	3.854	0.062	0	0	0	11
PL.23314	PL.23313	A	4ACSR	14.89Y	124.1	0.00	1.92	2.85	1	40	13	95	0.00	0.0	3.857	0.003	0	0	0	9
PL.23311	PL.23314	A	4ACSR	14.89Y	124.1	0.00	1.93	2.85	1	40	13	95	0.00	0.0	3.931	0.074	0	0	0	9
PL.23312	PL.23311	A	4ACSR	14.89Y	124.1	0.00	1.93	0.94	0	13	4	96	0.00	0.0	4.002	0.071	0	0	0	4
PL.22315	PL.23312	A	4ACSR	14.89Y	124.1	0.00	1.93	0.38	0	5	2	93	0.00	0.0	4.068	0.066	0	0	0	1
443425	PL.22315	A	Consumer	14.89Y	124.1	0.00	1.93	0.38	0	5	2	93	0.00	0.0	4.068	0.000	5	2	1	1
PL.22314	PL.23312	A	4ACSR	14.89Y	124.1	0.00	1.93	0.57	0	8	3	94	0.00	0.0	4.036	0.034	0	0	0	3
443420	PL.22314	A	Consumer	14.89Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	4.036	0.000	0	0	0	0
443427	PL.22314	A	Consumer	14.89Y	124.1	0.00	1.93	0.43	0	6	2	95	0.00	0.0	4.036	0.000	6	2	1	1
443424	PL.22314	A	Consumer	14.89Y	124.1	0.00	1.93	0.03	0	0	0	100	0.00	0.0	4.036	0.000	0	0	1	1
443419	PL.22314	A	Consumer	14.89Y	124.1	0.00	1.93	0.11	0	2	1	89	0.00	0.0	4.036	0.000	2	1	1	1
443422	PL.23311	A	Consumer	14.89Y	124.1	0.00	1.93	0.34	0	5	2	93	0.00	0.0	3.931	0.000	5	2	1	1
443426	PL.23311	A	Consumer	14.89Y	124.1	0.00	1.93	0.53	0	8	2	97	0.00	0.0	3.931	0.000	8	2	1	1
443432	PL.23311	A	Consumer	14.89Y	124.1	0.00	1.93	0.37	0	5	2	93	0.00	0.0	3.931	0.000	5	2	1	1
443437	PL.23311	A	Consumer	14.89Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	3.931	0.000	0	0	1	1
443421	PL.23311	A	Consumer	14.89Y	124.1	0.00	1.93	0.66	0	9	3	95	0.00	0.0	3.931	0.000	9	3	1	1
PL.22819	PL.23311	A	4ACSR	14.89Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	3.994	0.063	0	0	0	0
443436	PL.22819	A	Consumer	14.89Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	3.994	0.000	0	0	0	0
443433	PL.23313	A	Consumer	14.89Y	124.1	0.00	1.92	0.40	0	6	2	95	0.00	0.0	3.854	0.000	6	2	1	1
443423	PL.23313	A	Consumer	14.89Y	124.1	0.00	1.92	0.95	0	13	4	96	0.00	0.0	3.854	0.000	13	4	1	1
443430	PL.23313	A	Consumer	14.89Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	3.854	0.000	0	0	0	0
PL.22503	PL.41481	A	4ACSR	14.91Y	124.3	0.00	1.72	0.67	0	10	3	96	0.00	0.0	3.402	0.022	0	0	0	5
PD.1425	PL.22503	A	fuse6AMP	14.91Y	124.3	0.00	1.72	0.67	12	10	3	96	0.00	0.0	3.402	0.000	0	0	0	5
PL.22502	PD.1425	A	4ACSR	14.91Y	124.3	0.00	1.72	0.67	0	10	3	96	0.00	0.0	3.541	0.139	0	0	0	5
443412	PL.22502	A	Consumer	14.91Y	124.3	0.00	1.72	0.02	0	0	0	100	0.00	0.0	3.541	0.000	0	0	1	1
PL.22501	PL.22502	A	4ACSR	14.91Y	124.3	0.00	1.72	0.34	0	5	1	98	0.00	0.0	3.623	0.081	0	0	0	2
PL.22816	PL.22501	A	4ACSR	14.91Y	124.3	0.00	1.72	0.23	0	3	1	95	0.00	0.0	3.670	0.048	0	0	0	1
443434	PL.22816	A	Consumer	14.91Y	124.3	0.00	1.72	0.23	0	3	1	95	0.00	0.0	3.670	0.000	3	1	1	1
443408	PL.22501	A	Consumer	14.91Y	124.3	0.00	1.72	0.11	0	2	0	100	0.00	0.0	3.623	0.000	2	0	1	1
PL.22469	PL.22502	A	4ACSR	14.91Y	124.3	0.00	1.72	0.32	0	5	1	98	0.00	0.0	3.611	0.070	0	0	0	2
PL.22470	PL.22469	A	4ACSR	14.91Y	124.3	0.00	1.72	0.09	0	1	0	100	0.00	0.0	3.637	0.026	0	0	0	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units Displayed In Volts (Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss), mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' with a base voltage of 120.0.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
443513	PL.22505	A	Consumer	14.98Y	124.8	0.00	1.20	0.47	0	7	2	96	0.00	0.0	2.546	0.000	7	2	1	1
443517	PL.22505	A	Consumer	14.98Y	124.8	0.00	1.20	0.62	0	9	3	95	0.00	0.0	2.546	0.000	9	3	1	1
PL.22506	PL.22505	A	4ACSR	14.98Y	124.8	0.00	1.20	0.67	0	10	3	96	0.00	0.0	2.606	0.059	0	0	0	2
443514	PL.22506	A	Consumer	14.98Y	124.8	0.00	1.20	0.27	0	4	1	97	0.00	0.0	2.606	0.000	4	1	1	1
443515	PL.22506	A	Consumer	14.98Y	124.8	0.00	1.20	0.40	0	6	2	95	0.00	0.0	2.606	0.000	6	2	1	1
4425036	PL.6896	A	Consumer	14.98Y	124.8	0.00	1.16	0.00	0	0	0	100	0.00	0.0	2.330	0.000	0	0	0	0
442534	PL.6896	A	Consumer	14.98Y	124.8	0.00	1.16	0.24	0	3	1	95	0.00	0.0	2.330	0.000	3	1	1	1
PL.23300	PL.11058	A	4ACSR	14.99Y	124.9	0.00	1.12	1.19	1	17	5	96	0.00	0.0	2.300	0.037	0	0	0	2
PL.23301	PL.23300	A	4ACSR	14.99Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	2.301	0.002	0	0	0	0
442528	PL.23300	A	Consumer	14.99Y	124.9	0.00	1.12	0.65	0	9	3	95	0.00	0.0	2.300	0.000	9	3	1	1
442526	PL.23300	A	Consumer	14.99Y	124.9	0.00	1.12	0.55	0	8	2	97	0.00	0.0	2.300	0.000	8	2	1	1
442619	PL.11053	A	Consumer	14.99Y	124.9	0.00	1.06	0.51	0	7	2	96	0.00	0.0	2.192	0.000	7	2	1	1
PL.22796	PL.32763	A	4ACSR	15.01Y	125.1	0.00	0.95	0.62	0	9	3	95	0.00	0.0	2.082	0.008	0	0	0	3
PD.985	PL.22796	A	fuse6AMP	15.01Y	125.1	0.00	0.95	0.62	11	9	3	95	0.00	0.0	2.082	0.000	0	0	0	3
PL.22224	PD.985	A	4ACSR	15.01Y	125.1	0.00	0.95	0.62	0	9	3	95	0.00	0.0	2.097	0.015	0	0	0	3
PL.23282	PL.22224	A	4ACSR	15.01Y	125.1	-0.00	0.95	0.01	0	0	0	100	0.00	0.0	2.123	0.026	0	0	0	2
PL.22231	PL.23282	A	4ACSR	15.01Y	125.1	0.00	0.95	0.01	0	0	0	100	0.00	0.0	2.207	0.084	0	0	0	2
PL.23194	PL.22231	A	4ACSR	15.01Y	125.1	-0.00	0.95	0.01	0	0	0	100	0.00	0.0	2.220	0.013	0	0	0	1
PL.23193	PL.23194	A	4ACSR	15.01Y	125.1	-0.00	0.95	0.01	0	0	0	100	0.00	0.0	2.232	0.012	0	0	0	1
442623	PL.23193	A	Consumer	15.01Y	125.1	0.00	0.95	0.01	0	0	0	100	0.00	0.0	2.232	0.000	0	0	1	1
PL.22232	PL.22231	A	4ACSR	15.01Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	2.406	0.199	0	0	0	1
442609	PL.22232	A	Consumer	15.01Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	2.406	0.000	0	0	0	0
442617	PL.22232	A	Consumer	15.01Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	2.406	0.000	0	0	1	1
443652	PL.22224	A	Consumer	15.01Y	125.1	0.00	0.95	0.61	0	9	3	95	0.00	0.0	2.097	0.000	9	3	1	1
443634	PL.32763	A	Consumer	15.01Y	125.1	0.00	0.95	0.05	0	1	0	100	0.00	0.0	2.074	0.000	1	0	1	1
PL.25721	PL.25955	C	4ACSR	15.06Y	125.5	0.01	0.51	28.57	15	409	135	95	0.02	0.0	1.755	0.011	0	0	0	87
PD.353-A	PL.25721	C	Closed	15.06Y	125.5	0.00	0.51	28.57	0	409	135	95	0.00	0.0	1.755	0.000	0	0	0	87
PD.353-B	PD.353-A	C	Closed	15.06Y	125.5	0.00	0.51	28.57	0	409	135	95	0.00	0.0	1.755	0.000	0	0	0	87
PL.25722	PD.353-B	C	4ACSR	15.06Y	125.5	0.02	0.53	28.57	15	409	135	95	0.07	0.0	1.788	0.034	0	0	0	87
443649	PL.25722	C	Consumer	15.06Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	1.788	0.000	0	0	0	0
PL.25952	PL.25722	C	4ACSR	15.04Y	125.3	0.14	0.68	28.57	15	408	135	95	0.43	0.1	2.011	0.223	0	0	0	87
PL.21272	PL.25952	C	4ACSR	15.04Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.021	0.010	0	0	0	0
PD.986	PL.21272	C	fuse6AMP	15.04Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.021	0.000	0	0	0	0
PL.21271	PD.986	C	4ACSR	15.04Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.200	0.179	0	0	0	0
443629	PL.21271	C	Consumer	15.04Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.200	0.000	0	0	0	0
PL.25956	PL.25952	C	4ACSR	15.04Y	125.3	0.01	0.69	28.57	15	408	134	95	0.03	0.0	2.025	0.013	0	0	0	87
PL.25957	PL.25956	C	4ACSR	15.04Y	125.3	0.01	0.70	28.57	15	408	134	95	0.03	0.0	2.039	0.015	0	0	0	87
C PD.2836	PL.25957	C	fuse6AMP	15.04Y	125.3	0.00	0.70	28.57	488	408	134	95	0.00	0.0	2.039	0.000	0	0	0	87 C

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.25958	PD.2836	C	4ACSR	15.04Y	125.3	0.00	0.70	28.57	15	408	134	95	0.00	0.0	2.041	0.002	0	0	0	87
571507	PL.25958	C	Consumer	15.04Y	125.3	0.00	0.70	0.14	0	2	1	89	0.00	0.0	2.041	0.000	2	1	1	1
571502	PL.25958	C	Consumer	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	2.041	0.000	0	0	0	0
5725002	PL.25958	C	Consumer	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	2.041	0.000	0	0	0	0
PL.25959	PL.25958	C	4ACSR	15.03Y	125.3	0.03	0.73	27.90	14	398	131	95	0.09	0.0	2.090	0.048	0	0	0	85
PL.23002	PL.25959	C	4ACSR	15.03Y	125.3	0.00	0.73	0.43	0	6	2	95	0.00	0.0	2.155	0.066	0	0	0	2
571413	PL.23002	C	Consumer	15.03Y	125.3	0.00	0.73	0.10	0	1	0	100	0.00	0.0	2.155	0.000	1	0	1	1
571408	PL.23002	C	Consumer	15.03Y	125.3	0.00	0.73	0.33	0	5	1	98	0.00	0.0	2.155	0.000	5	1	1	1
PL.25960	PL.25959	C	4ACSR	15.03Y	125.3	0.00	0.73	27.48	14	392	129	95	0.01	0.0	2.094	0.005	0	0	0	83
C PD.2837	PL.25960	C	fuse6AMP	15.03Y	125.3	0.00	0.73	27.48	469	392	129	95	0.00	0.0	2.094	0.000	0	0	0	83 C
PL.25961	PD.2837	C	4ACSR	15.02Y	125.2	0.07	0.80	27.48	14	392	129	95	0.19	0.0	2.199	0.105	0	0	0	83
572501	PL.25961	C	Consumer	15.02Y	125.2	0.00	0.80	0.26	0	4	1	97	0.00	0.0	2.199	0.000	4	1	1	1
572408	PL.25961	C	Consumer	15.02Y	125.2	0.00	0.80	0.32	0	5	1	98	0.00	0.0	2.199	0.000	5	1	1	1
PL.21273	PL.25961	C	4ACSR	15.02Y	125.2	0.00	0.80	1.02	1	14	6	92	0.00	0.0	2.204	0.005	0	0	0	7
PD.2838	PL.21273	C	fuse6AMP	15.02Y	125.2	0.00	0.80	1.02	17	14	6	92	0.00	0.0	2.204	0.000	0	0	0	7
PL.45148	PD.2838	C	4ACSR	15.02Y	125.2	0.00	0.80	1.02	1	14	6	92	0.00	0.0	2.235	0.031	0	0	0	7
5724015	PL.45148	C	Consumer	15.02Y	125.2	0.00	0.80	0.00	0	0	0	100	0.00	0.0	2.235	0.000	0	0	0	0
PL.45149	PL.45148	C	4ACSR	15.02Y	125.2	0.00	0.80	1.02	1	14	6	92	0.00	0.0	2.299	0.065	0	0	0	7
PL.23001	PL.45149	C	4ACSR	15.02Y	125.2	0.00	0.80	0.14	0	2	1	89	0.00	0.0	2.332	0.033	0	0	0	1
PL.23000	PL.23001	C	4ACSR	15.02Y	125.2	0.00	0.80	0.14	0	2	1	89	0.00	0.0	2.356	0.024	0	0	0	1
571301	PL.23000	C	Consumer	15.02Y	125.2	0.00	0.80	0.14	0	2	1	89	0.00	0.0	2.356	0.000	2	1	1	1
5714010	PL.45149	C	Consumer	15.02Y	125.2	0.00	0.80	0.00	0	0	0	100	0.00	0.0	2.299	0.000	0	0	0	0
572402	PL.45149	C	Consumer	15.02Y	125.2	0.00	0.80	0.05	0	1	0	100	0.00	0.0	2.299	0.000	1	0	1	1
572401	PL.45149	C	Consumer	15.02Y	125.2	0.00	0.80	0.11	0	2	1	89	0.00	0.0	2.299	0.000	2	1	1	1
571406	PL.45149	C	Consumer	15.02Y	125.2	0.00	0.80	0.30	0	4	1	97	0.00	0.0	2.299	0.000	4	1	1	1
571414	PL.45149	C	Consumer	15.02Y	125.2	0.00	0.80	0.00	0	0	0	100	0.00	0.0	2.299	0.000	0	0	0	0
571405	PL.45149	C	Consumer	15.02Y	125.2	0.00	0.80	0.31	0	4	2	89	0.00	0.0	2.299	0.000	4	2	1	1
571412	PL.45149	C	Consumer	15.02Y	125.2	0.00	0.80	0.11	0	2	0	100	0.00	0.0	2.299	0.000	1	0	1	2
5714016	571412	C	Consumer	15.02Y	125.2	0.00	0.80	0.00	0	0	0	100	0.00	0.0	2.299	0.000	0	0	0	0
5724014	571412	C	Consumer	15.02Y	125.2	0.00	0.80	0.04	0	1	0	100	0.00	0.0	2.299	0.000	1	0	1	1
PL.25962	PL.25961	C	4ACSR	15.02Y	125.2	0.03	0.83	25.88	13	369	121	95	0.09	0.0	2.253	0.054	0	0	0	74
PL.25963	PL.25962	C	4ACSR	15.02Y	125.2	0.00	0.83	0.03	0	0	0	100	0.00	0.0	2.256	0.003	0	0	0	1
PD.3491	PL.25963	C	fuse6AMP	15.02Y	125.2	0.00	0.83	0.03	1	0	0	100	0.00	0.0	2.256	0.000	0	0	0	1
PL.45660	PD.3491	C	4ACSR	15.02Y	125.2	0.00	0.83	0.03	0	0	0	100	0.00	0.0	2.328	0.071	0	0	0	1
572302	PL.45660	C	Consumer	15.02Y	125.2	0.00	0.83	0.03	0	0	0	100	0.00	0.0	2.328	0.000	0	0	1	1
PL.45661	PL.45660	C	4ACSR	15.02Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	2.329	0.001	0	0	0	0
5723005	PL.45661	C	Consumer	15.02Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	2.329	0.000	0	0	0	0
PL.7520	PL.25962	C	4ACSR	15.01Y	125.1	0.07	0.89	24.74	13	353	116	95	0.17	0.0	2.371	0.118	0	0	0	69

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data rows for various elements like PL.7519, PL.11822, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.27664	PL.19112	C	4ACSR	14.97Y	124.7	0.06	1.26	8.29	4	118	37	95	0.05	0.0	3.613	0.306	0	0	0	22
PL.13356	PL.27664	C	4ACSR	14.97Y	124.7	0.02	1.28	8.17	4	117	36	96	0.02	0.0	3.712	0.098	0	0	0	21
PL.13355	PL.13356	C	4ACSR	14.97Y	124.7	0.01	1.28	3.80	2	54	17	95	0.00	0.0	3.784	0.072	0	0	0	12
PD.369-A	PL.13355	C	Closed	14.97Y	124.7	0.00	1.28	3.80	0	54	17	95	0.00	0.0	3.784	0.000	0	0	0	12
PD.369-B	PD.369-A	C	Closed	14.97Y	124.7	0.00	1.28	3.80	0	54	17	95	0.00	0.0	3.784	0.000	0	0	0	12
PL.13354	PD.369-B	C	4ACSR	14.97Y	124.7	0.01	1.29	3.80	2	54	17	95	0.00	0.0	3.863	0.079	0	0	0	12
PL.20972	PL.13354	C	4ACSR	14.97Y	124.7	0.00	1.29	1.11	1	16	5	95	0.00	0.0	3.889	0.026	0	0	0	4
PD.1436	PL.20972	C	fuse6AMP	14.97Y	124.7	0.00	1.29	1.11	19	16	5	95	0.00	0.0	3.889	0.000	0	0	0	4
PL.20973	PD.1436	C	4ACSR	14.96Y	124.7	0.00	1.29	1.11	1	16	5	95	0.00	0.0	3.957	0.069	0	0	0	4
PL.20974	PL.20973	C	4ACSR	14.96Y	124.7	0.00	1.29	1.11	1	16	5	95	0.00	0.0	3.959	0.002	0	0	0	4
PL.20975	PL.20974	C	4ACSR	14.96Y	124.7	0.00	1.29	0.52	0	7	2	96	0.00	0.0	4.066	0.107	0	0	0	3
PL.23387	PL.20975	C	4ACSR	14.96Y	124.7	0.00	1.29	0.01	0	0	0	100	0.00	0.0	4.152	0.087	0	0	0	1
444413	PL.23387	C	Consumer	14.96Y	124.7	0.00	1.29	0.01	0	0	0	100	0.00	0.0	4.152	0.000	0	0	1	1
PL.23388	PL.20975	C	4ACSR	14.96Y	124.7	0.00	1.29	0.51	0	7	2	96	0.00	0.0	4.102	0.037	0	0	0	1
444418	PL.23388	C	Consumer	14.96Y	124.7	0.00	1.29	0.51	0	7	2	96	0.00	0.0	4.102	0.000	7	2	1	1
444409	PL.20975	C	Consumer	14.96Y	124.7	0.00	1.29	0.00	0	0	0	100	0.00	0.0	4.066	0.000	0	0	1	1
444405	PL.20975	C	Consumer	14.96Y	124.7	0.00	1.29	0.00	0	0	0	100	0.00	0.0	4.066	0.000	0	0	0	0
444501	PL.20974	C	Consumer	14.96Y	124.7	0.00	1.29	0.59	0	8	3	94	0.00	0.0	3.959	0.000	8	3	1	1
444511	PL.20974	C	Consumer	14.96Y	124.7	0.00	1.29	0.00	0	0	0	100	0.00	0.0	3.959	0.000	0	0	0	0
PL.13353	PL.13354	C	4ACSR	14.96Y	124.7	0.01	1.30	2.69	1	38	12	95	0.00	0.0	3.996	0.133	0	0	0	8
PL.13352	PL.13353	C	4ACSR	14.96Y	124.7	0.01	1.31	2.29	1	33	10	96	0.00	0.0	4.147	0.151	0	0	0	6
PL.13349	PL.13352	C	4ACSR	14.96Y	124.7	0.00	1.31	2.03	1	29	9	96	0.00	0.0	4.213	0.066	0	0	0	5
PL.13348	PL.13349	C	4ACSR	14.96Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	4.425	0.212	0	0	0	0
PL.21183	PL.13348	C	4ACSR	14.96Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	4.466	0.040	0	0	0	0
PL.38600	PL.21183	C	4ACSR	14.96Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	4.477	0.011	0	0	0	0
PD.7050-B	PL.38600	C	Open	14.96Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	4.477	0.000	0	0	0	0
PL.6907	PL.13349	C	4ACSR	14.96Y	124.7	0.00	1.31	2.03	1	29	9	96	0.00	0.0	4.214	0.001	0	0	0	5
444403	PL.6907	C	Consumer	14.96Y	124.7	0.00	1.31	0.52	0	7	2	96	0.00	0.0	4.214	0.000	7	2	1	1
444414	PL.6907	C	Consumer	14.96Y	124.7	0.00	1.31	0.40	0	6	2	95	0.00	0.0	4.214	0.000	6	2	1	1
PL.13350	PL.6907	C	4ACSR	14.96Y	124.7	0.00	1.31	1.11	1	16	5	95	0.00	0.0	4.228	0.014	0	0	0	3
PD.1439	PL.13350	C	fuse6AMP	14.96Y	124.7	0.00	1.31	1.11	19	16	5	95	0.00	0.0	4.228	0.000	0	0	0	3
PL.13351	PD.1439	C	4ACSR	14.96Y	124.7	0.00	1.31	1.11	1	16	5	95	0.00	0.0	4.331	0.103	0	0	0	3
PL.22893	PL.13351	C	4ACSR	14.96Y	124.7	0.00	1.31	1.11	1	16	5	95	0.00	0.0	4.420	0.089	0	0	0	3
PL.22894	PL.22893	C	4ACSR	14.96Y	124.7	0.00	1.32	1.11	1	16	5	95	0.00	0.0	4.489	0.069	0	0	0	3
445520	PL.22894	C	Consumer	14.96Y	124.7	0.00	1.32	0.24	0	3	1	95	0.00	0.0	4.489	0.000	3	1	1	1
445501	PL.22894	C	Consumer	14.96Y	124.7	0.00	1.32	0.81	0	12	4	95	0.00	0.0	4.489	0.000	12	4	1	1
445529	PL.22894	C	Consumer	14.96Y	124.7	0.00	1.32	0.06	0	1	0	100	0.00	0.0	4.489	0.000	1	0	1	1
444406	PL.13352	C	Consumer	14.96Y	124.7	0.00	1.31	0.27	0	4	1	97	0.00	0.0	4.147	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
444416	PL.13352	C	Consumer	14.96Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	4.147	0.000	0	0	0	0
PL.21068	PL.13353	C	4ACSR	14.96Y	124.7	0.00	1.30	0.25	0	4	1	97	0.00	0.0	4.020	0.024	0	0	0	1
PD.1438	PL.21068	C	fuse6AMP	14.96Y	124.7	0.00	1.30	0.25	4	4	1	97	0.00	0.0	4.020	0.000	0	0	0	1
PL.20969	PD.1438	C	4ACSR	14.96Y	124.7	0.00	1.30	0.25	0	4	1	97	0.00	0.0	4.231	0.212	0	0	0	1
PL.23385	PL.20969	C	4ACSR	14.96Y	124.7	0.00	1.30	0.25	0	4	1	97	0.00	0.0	4.334	0.103	0	0	0	1
444529	PL.23385	C	Consumer	14.96Y	124.7	0.00	1.30	0.25	0	4	1	97	0.00	0.0	4.334	0.000	4	1	1	1
PL.23386	PL.20969	C	4ACSR	14.96Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	4.336	0.105	0	0	0	0
PL.22895	PL.23386	C	4ACSR	14.96Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	4.575	0.239	0	0	0	0
445502	PL.22895	C	Consumer	14.96Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	4.575	0.000	0	0	0	0
PL.24012	PL.23386	C	4ACSR	14.96Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	4.336	0.000	0	0	0	0
PL.20970	PL.13353	C	4ACSR	14.96Y	124.7	0.00	1.30	0.15	0	2	1	89	0.00	0.0	4.012	0.016	0	0	0	1
PD.1437	PL.20970	C	fuse6AMP	14.96Y	124.7	0.00	1.30	0.15	2	2	1	89	0.00	0.0	4.012	0.000	0	0	0	1
PL.20971	PD.1437	C	4ACSR	14.96Y	124.7	0.00	1.30	0.15	0	2	1	89	0.00	0.0	4.075	0.063	0	0	0	1
444407	PL.20971	C	Consumer	14.96Y	124.7	0.00	1.30	0.15	0	2	1	89	0.00	0.0	4.075	0.000	2	1	1	1
PL.20983	PL.13356	C	4ACSR	14.97Y	124.7	0.00	1.28	0.77	0	11	3	96	0.00	0.0	3.728	0.016	0	0	0	1
PD.1435	PL.20983	C	fuse6AMP	14.97Y	124.7	0.00	1.28	0.77	13	11	3	96	0.00	0.0	3.728	0.000	0	0	0	1
PL.20984	PD.1435	C	4ACSR	14.97Y	124.7	0.00	1.28	0.77	0	11	3	96	0.00	0.0	3.813	0.085	0	0	0	1
PL.20979	PL.20984	C	4ACSR	14.97Y	124.7	0.00	1.28	0.77	0	11	3	96	0.00	0.0	3.815	0.002	0	0	0	1
444520	PL.20979	C	Consumer	14.97Y	124.7	0.00	1.28	0.00	0	0	0	100	0.00	0.0	3.815	0.000	0	0	0	0
444510	PL.20979	C	Consumer	14.97Y	124.7	0.00	1.28	0.00	0	0	0	100	0.00	0.0	3.815	0.000	0	0	0	0
444502	PL.20979	C	Consumer	14.97Y	124.7	0.00	1.28	0.77	0	11	3	96	0.00	0.0	3.815	0.000	11	3	1	1
PL.20980	PL.20979	C	4ACSR	14.97Y	124.7	0.00	1.28	0.00	0	0	0	100	0.00	0.0	4.016	0.202	0	0	0	0
444514	PL.20980	C	Consumer	14.97Y	124.7	0.00	1.28	0.00	0	0	0	100	0.00	0.0	4.016	0.000	0	0	0	0
PL.20981	PL.13356	C	4ACSR	14.97Y	124.7	0.00	1.28	3.60	2	51	16	95	0.00	0.0	3.724	0.013	0	0	0	8
PD.1434	PL.20981	C	fuse6AMP	14.97Y	124.7	0.00	1.28	3.60	62	51	16	95	0.00	0.0	3.724	0.000	0	0	0	8
PL.20982	PD.1434	C	4ACSR	14.97Y	124.7	0.00	1.28	3.60	2	51	16	95	0.00	0.0	3.767	0.043	0	0	0	8
PL.20976	PL.20982	C	4ACSR	14.96Y	124.7	0.01	1.29	3.17	2	45	14	95	0.00	0.0	3.948	0.181	0	0	0	7
PL.45458	PL.20976	C	4ACSR	14.96Y	124.7	0.00	1.30	1.83	1	26	8	96	0.00	0.0	3.966	0.018	0	0	0	3
PD.8648	PL.45458	C	fuse6AMP	14.96Y	124.7	0.00	1.30	1.83	31	26	8	96	0.00	0.0	3.966	0.000	0	0	0	3
PL.45459	PD.8648	C	4ACSR	14.96Y	124.7	0.00	1.30	1.83	1	26	8	96	0.00	0.0	4.001	0.035	0	0	0	3
PL.27927	PL.45459	C	4ACSR	14.96Y	124.7	0.00	1.30	0.88	0	13	4	96	0.00	0.0	4.059	0.058	0	0	0	2
444525	PL.27927	C	Consumer	14.96Y	124.7	0.00	1.30	0.51	0	7	2	96	0.00	0.0	4.059	0.000	7	2	1	1
PL.20989	PL.27927	C	4ACSR	14.96Y	124.7	0.00	1.30	0.37	0	5	2	93	0.00	0.0	4.136	0.077	0	0	0	1
PL.20990	PL.20989	C	4ACSR	14.96Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	4.139	0.003	0	0	0	0
444526	PL.20989	C	Consumer	14.96Y	124.7	0.00	1.30	0.37	0	5	2	93	0.00	0.0	4.136	0.000	5	2	1	1
444527	PL.45459	C	Consumer	14.96Y	124.7	0.00	1.30	0.95	0	14	4	96	0.00	0.0	4.001	0.000	14	4	1	1
444528	PL.20976	C	Consumer	14.96Y	124.7	0.00	1.29	0.61	0	9	3	95	0.00	0.0	3.948	0.000	9	3	1	1
PL.20985	PL.20976	C	4ACSR	14.96Y	124.7	0.00	1.30	0.73	0	10	3	96	0.00	0.0	4.015	0.067	0	0	0	3

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.20986	PL.20985	C	4ACSR	14.96Y	124.7	0.00	1.30	0.73	0	10	3	96	0.00	0.0	4.037	0.022	0	0	0	2
PL.23392	PL.20986	C	4ACSR	14.96Y	124.7	0.00	1.30	0.73	0	10	3	96	0.00	0.0	4.118	0.081	0	0	0	2
PL.20987	PL.23392	C	4ACSR	14.96Y	124.7	0.00	1.30	0.73	0	10	3	96	0.00	0.0	4.122	0.003	0	0	0	2
444522	PL.20987	C	Consumer	14.96Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	4.122	0.000	0	0	0	0
444530	PL.20987	C	Consumer	14.96Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	4.122	0.000	0	0	1	1
PL.20988	PL.20987	C	4ACSR	14.96Y	124.7	0.00	1.30	0.73	0	10	3	96	0.00	0.0	4.179	0.057	0	0	0	1
PL.21687	PL.20988	C	4ACSR	14.96Y	124.7	0.00	1.30	0.73	0	10	3	96	0.00	0.0	4.231	0.052	0	0	0	1
444533	PL.21687	C	Consumer	14.96Y	124.7	0.00	1.30	0.73	0	10	3	96	0.00	0.0	4.231	0.000	10	3	1	1
444417	PL.20985	C	Consumer	14.96Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	4.015	0.000	0	0	1	1
PL.22820	PL.20982	C	4ACSR	14.97Y	124.7	0.00	1.28	0.44	0	6	2	95	0.00	0.0	3.869	0.102	0	0	0	1
444536	PL.22820	C	Consumer	14.97Y	124.7	0.00	1.28	0.44	0	6	2	95	0.00	0.0	3.869	0.000	6	2	1	1
PL.20977	PL.27664	C	4ACSR	14.97Y	124.7	0.00	1.26	0.12	0	2	1	89	0.00	0.0	3.636	0.022	0	0	0	1
PD.1433	PL.20977	C	fuse6AMP	14.97Y	124.7	0.00	1.26	0.12	2	2	1	89	0.00	0.0	3.636	0.000	0	0	0	1
PL.20978	PD.1433	C	4ACSR	14.97Y	124.7	0.00	1.26	0.12	0	2	1	89	0.00	0.0	3.743	0.107	0	0	0	1
444503	PL.20978	C	Consumer	14.97Y	124.7	0.00	1.26	0.12	0	2	1	89	0.00	0.0	3.743	0.000	2	1	1	1
PL.23258	PL.19089	C	4ACSR	14.98Y	124.8	0.00	1.20	0.12	0	2	1	89	0.00	0.0	3.315	0.011	0	0	0	1
PD.1432	PL.23258	C	fuse6AMP	14.98Y	124.8	0.00	1.20	0.12	2	2	1	89	0.00	0.0	3.315	0.000	0	0	0	1
PL.23259	PD.1432	C	4ACSR	14.98Y	124.8	0.00	1.20	0.12	0	2	1	89	0.00	0.0	3.379	0.064	0	0	0	1
PL.40589	PL.23259	C	4ACSR	14.98Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	3.607	0.228	0	0	0	0
444517	PL.40589	C	Consumer	14.98Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	3.607	0.000	0	0	0	0
444505	PL.23259	C	Consumer	14.98Y	124.8	0.00	1.20	0.12	0	2	1	89	0.00	0.0	3.379	0.000	2	1	1	1
444515	PL.19090	C	Consumer	14.98Y	124.8	0.00	1.19	0.60	0	9	3	95	0.00	0.0	3.238	0.000	9	3	1	1
443507	PL.13357	C	Consumer	14.99Y	124.9	0.00	1.11	0.02	0	0	0	100	0.00	0.0	2.915	0.000	0	0	1	1
443504	PL.13357	C	Consumer	14.99Y	124.9	0.00	1.11	0.18	0	3	1	95	0.00	0.0	2.915	0.000	3	1	1	1
PL.20995	PL.13358	C	4ACSR	14.99Y	124.9	0.00	1.11	1.26	1	18	6	95	0.00	0.0	2.892	0.009	0	0	0	3
PD.1429	PL.20995	C	fuse6AMP	14.99Y	124.9	0.00	1.11	1.26	22	18	6	95	0.00	0.0	2.892	0.000	0	0	0	3
PL.20996	PD.1429	C	4ACSR	14.99Y	124.9	0.00	1.11	1.26	1	18	6	95	0.00	0.0	2.983	0.090	0	0	0	3
PL.23393	PL.20996	C	4ACSR	14.99Y	124.9	0.00	1.11	0.88	0	13	4	96	0.00	0.0	3.021	0.038	0	0	0	1
443522	PL.23393	C	Consumer	14.99Y	124.9	0.00	1.11	0.88	0	13	4	96	0.00	0.0	3.021	0.000	13	4	1	1
443505	PL.20996	C	Consumer	14.99Y	124.9	0.00	1.11	0.38	0	5	2	93	0.00	0.0	2.983	0.000	5	2	1	1
443510	PL.20996	C	Consumer	14.99Y	124.9	0.00	1.11	0.01	0	0	0	100	0.00	0.0	2.983	0.000	0	0	1	1
PL.20993	PL.13358	C	4ACSR	14.99Y	124.9	0.00	1.11	0.48	0	7	2	96	0.00	0.0	2.892	0.009	0	0	0	1
PD.1428	PL.20993	C	fuse6AMP	14.99Y	124.9	0.00	1.11	0.48	8	7	2	96	0.00	0.0	2.892	0.000	0	0	0	1
PL.20994	PD.1428	C	4ACSR	14.99Y	124.9	0.00	1.11	0.48	0	7	2	96	0.00	0.0	2.966	0.074	0	0	0	1
4435046	PL.20994	C	Consumer	14.99Y	124.9	0.00	1.11	0.48	0	7	2	96	0.00	0.0	2.966	0.000	0	0	0	1
443523	4435046	C	Consumer	14.99Y	124.9	0.00	1.11	0.48	0	7	2	96	0.00	0.0	2.966	0.000	7	2	1	1
PL.12115	PL.20991	C	4ACSR	14.99Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	2.813	0.000	0	0	0	0
PL.201	PL.11828	C	4ACSR	15.00Y	125.0	0.00	1.04	2.20	1	32	10	95	0.00	0.0	2.672	0.006	0	0	0	7

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.11829	PL.201	C	4ACSR	15.00Y	125.0	0.00	1.04	2.20	1	32	10	95	0.00	0.0	2.693	0.021	0	0	0	7
PL.11830	PL.11829	C	4ACSR	14.99Y	125.0	0.00	1.04	2.20	1	32	10	95	0.00	0.0	2.738	0.045	0	0	0	7
PL.23384	PL.11830	C	4ACSR	14.99Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.758	0.020	0	0	0	0
PL.12645	PL.11830	C	4ACSR	14.99Y	125.0	0.00	1.05	2.20	1	32	10	95	0.00	0.0	2.822	0.084	0	0	0	7
PL.22049	PL.12645	C	4ACSR	14.99Y	125.0	0.00	1.05	1.27	1	18	6	95	0.00	0.0	2.833	0.011	0	0	0	3
PD.1427	PL.22049	C	fuse6AMP	14.99Y	125.0	0.00	1.05	1.27	22	18	6	95	0.00	0.0	2.833	0.000	0	0	0	3
PL.22050	PD.1427	C	4ACSR	14.99Y	125.0	0.00	1.05	1.27	1	18	6	95	0.00	0.0	2.858	0.025	0	0	0	3
443530	PL.22050	C	Consumer	14.99Y	125.0	0.00	1.05	0.08	0	1	0	100	0.00	0.0	2.858	0.000	1	0	1	1
443526	PL.22050	C	Consumer	14.99Y	125.0	0.00	1.05	0.50	0	7	2	96	0.00	0.0	2.858	0.000	7	2	1	1
PL.20508	PL.22050	C	4ACSR	14.99Y	125.0	0.00	1.05	0.69	0	10	3	96	0.00	0.0	2.903	0.045	0	0	0	1
443528	PL.20508	C	Consumer	14.99Y	125.0	0.00	1.05	0.69	0	10	3	96	0.00	0.0	2.903	0.000	10	3	1	1
PL.45898	PL.12645	C	4ACSR	14.99Y	125.0	0.00	1.05	0.93	0	13	4	96	0.00	0.0	2.858	0.036	0	0	0	4
PL.45899	PL.45898	C	4ACSR	14.99Y	125.0	0.00	1.05	0.93	0	13	4	96	0.00	0.0	2.902	0.044	0	0	0	4
443541	PL.45899	C	Consumer	14.99Y	125.0	0.00	1.05	0.55	0	8	2	97	0.00	0.0	2.902	0.000	8	2	1	1
PL.6916	PL.45899	C	4ACSR	14.99Y	125.0	0.00	1.05	0.38	0	5	2	93	0.00	0.0	2.999	0.097	0	0	0	3
PL.6912	PL.6916	C	4ACSR	14.99Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	3.119	0.120	0	0	0	1
443518	PL.6912	C	Consumer	14.99Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	3.119	0.000	0	0	1	1
443511	PL.6916	C	Consumer	14.99Y	125.0	0.00	1.05	0.38	0	5	2	93	0.00	0.0	2.999	0.000	5	2	1	1
443512	PL.6916	C	Consumer	14.99Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	2.999	0.000	0	0	1	1
4435045	PL.45898	C	Consumer	14.99Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	2.858	0.000	0	0	0	0
PL.23383	PL.11829	C	4ACSR	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.729	0.036	0	0	0	0
574105	PL.11828	C	Consumer	15.00Y	125.0	0.00	1.04	0.45	0	6	2	95	0.00	0.0	2.666	0.000	6	2	1	1
PL.19192	PL.11828	C	4ACSR	15.00Y	125.0	0.00	1.04	3.23	2	46	14	96	0.00	0.0	2.702	0.036	0	0	0	8
PL.19193	PL.19192	C	4ACSR	15.00Y	125.0	0.00	1.04	3.22	2	46	14	96	0.00	0.0	2.704	0.002	0	0	0	7
PD.3720	PL.19193	C	25V4E	15.00Y	125.0	0.00	1.04	3.22	13	46	14	96	0.00	0.0	2.704	0.000	0	0	0	7
PL.11831	PD.3720	C	4ACSR	14.99Y	125.0	0.00	1.04	3.22	2	46	14	96	0.00	0.0	2.718	0.014	0	0	0	7
PD.2842	PL.11831	C	fuse6AMP	14.99Y	125.0	0.00	1.04	3.22	55	46	14	96	0.00	0.0	2.718	0.000	0	0	0	7
PL.11832	PD.2842	C	4ACSR	14.99Y	125.0	0.00	1.04	3.22	2	46	14	96	0.00	0.0	2.720	0.002	0	0	0	7
PL.3559	PL.11832	C	4ACSR	14.99Y	125.0	0.00	1.04	1.82	1	26	8	96	0.00	0.0	2.773	0.054	0	0	0	3
PL.3561	PL.3559	C	4ACSR	14.99Y	125.0	0.00	1.05	0.69	0	10	3	96	0.00	0.0	2.809	0.036	0	0	0	1
573114	PL.3561	C	Consumer	14.99Y	125.0	0.00	1.05	0.69	0	10	3	96	0.00	0.0	2.809	0.000	10	3	1	1
PL.22995	PL.3559	C	4ACSR	14.99Y	125.0	0.00	1.05	1.13	1	16	5	95	0.00	0.0	2.819	0.046	0	0	0	2
572101	PL.22995	C	Consumer	14.99Y	125.0	0.00	1.05	0.09	0	1	0	100	0.00	0.0	2.819	0.000	1	0	1	1
573103	PL.22995	C	Consumer	14.99Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	2.819	0.000	0	0	0	0
572102	PL.22995	C	Consumer	14.99Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	2.819	0.000	0	0	0	0
573109	PL.22995	C	Consumer	14.99Y	125.0	0.00	1.05	1.04	0	15	5	95	0.00	0.0	2.819	0.000	15	5	1	1
PL.22996	PL.11832	C	4ACSR	14.99Y	125.0	0.00	1.04	0.29	0	4	1	97	0.00	0.0	2.756	0.037	0	0	0	2
573107	PL.22996	C	Consumer	14.99Y	125.0	0.00	1.04	0.07	0	1	0	100	0.00	0.0	2.756	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
573101	PL.22996	C	Consumer	14.99Y	125.0	0.00	1.04	0.22	0	3	1	95	0.00	0.0	2.756	0.000	3	1	1	1
PL.11833	PL.11832	C	4ACSR	14.99Y	125.0	0.00	1.04	1.12	1	16	5	95	0.00	0.0	2.737	0.018	0	0	0	2
PL.28687	PL.11833	C	4ACSR	14.99Y	125.0	0.00	1.04	1.12	1	16	5	95	0.00	0.0	2.737	0.000	0	0	0	2
PL.11834	PL.28687	C	4ACSR	14.99Y	125.0	0.00	1.04	1.12	1	16	5	95	0.00	0.0	2.755	0.017	0	0	0	2
PL.7522	PL.11834	C	4ACSR	14.99Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.783	0.028	0	0	0	0
573113	PL.7522	C	Consumer	14.99Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.783	0.000	0	0	0	0
573110	PL.7522	C	Consumer	14.99Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.783	0.000	0	0	0	0
573112	PL.11834	C	Consumer	14.99Y	125.0	0.00	1.04	0.63	0	9	3	95	0.00	0.0	2.755	0.000	9	3	1	1
573111	PL.11834	C	Consumer	14.99Y	125.0	0.00	1.04	0.49	0	7	2	96	0.00	0.0	2.755	0.000	7	2	1	1
PL.29875	PL.28687	C	4ACSR	14.99Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.740	0.002	0	0	0	0
PD.2843	PL.29875	C	fuse6AMP	14.99Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.740	0.000	0	0	0	0
PL.29876	PD.2843	C	4ACSR	14.99Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	2.746	0.007	0	0	0	0
574106	PL.19192	C	Consumer	15.00Y	125.0	0.00	1.04	0.01	0	0	0	100	0.00	0.0	2.702	0.000	0	0	1	1
574103	PL.11827	C	Consumer	15.00Y	125.0	0.00	1.01	0.20	0	3	1	95	0.00	0.0	2.598	0.000	3	1	1	1
574102	PL.11827	C	Consumer	15.00Y	125.0	0.00	1.01	0.12	0	2	1	89	0.00	0.0	2.598	0.000	2	1	1	1
PL.11825	PL.19256	C	4ACSR	15.00Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	2.556	0.003	0	0	0	0
PD.2841	PL.11825	C	fuse6AMP	15.00Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	2.556	0.000	0	0	0	0
PL.11826	PD.2841	C	4ACSR	15.00Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	2.584	0.028	0	0	0	0
574207	PL.11826	C	Consumer	15.00Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	2.584	0.000	0	0	0	0
574204	PL.19256	C	Consumer	15.00Y	125.0	0.00	0.99	1.40	0	19	9	90	0.00	0.0	2.553	0.000	19	9	1	1
574104	PL.19256	C	Consumer	15.00Y	125.0	0.00	0.99	0.02	0	0	0	100	0.00	0.0	2.553	0.000	0	0	1	1
PL.22170	PL.11822	C	4ACSR	15.01Y	125.0	0.00	0.95	1.85	1	27	8	96	0.00	0.0	2.481	0.003	0	0	0	7
PD.2839	PL.22170	C	fuse6AMP	15.01Y	125.0	0.00	0.95	1.85	32	27	8	96	0.00	0.0	2.481	0.000	0	0	0	7
PL.22171	PD.2839	C	4ACSR	15.01Y	125.0	0.00	0.95	1.85	1	27	8	96	0.00	0.0	2.519	0.038	0	0	0	7
PL.22997	PL.22171	C	4ACSR	15.01Y	125.0	0.00	0.95	1.36	1	19	6	95	0.00	0.0	2.547	0.029	0	0	0	3
573207	PL.22997	C	Consumer	15.01Y	125.0	0.00	0.95	0.50	0	7	2	96	0.00	0.0	2.547	0.000	7	2	1	1
573208	PL.22997	C	Consumer	15.01Y	125.0	0.00	0.95	0.66	0	9	3	95	0.00	0.0	2.547	0.000	9	3	1	1
573206	PL.22997	C	Consumer	15.01Y	125.0	0.00	0.95	0.20	0	3	1	95	0.00	0.0	2.547	0.000	3	1	1	1
573204	PL.22171	C	Consumer	15.01Y	125.0	0.00	0.95	0.21	0	3	1	95	0.00	0.0	2.519	0.000	3	1	1	1
573205	PL.22171	C	Consumer	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	2.519	0.000	0	0	1	1
PL.22999	PL.22171	C	4ACSR	15.01Y	125.0	0.00	0.95	0.28	0	4	1	97	0.00	0.0	2.538	0.019	0	0	0	2
PL.22998	PL.22999	C	4ACSR	15.01Y	125.0	0.00	0.95	0.28	0	4	1	97	0.00	0.0	2.566	0.028	0	0	0	2
573202	PL.22998	C	Consumer	15.01Y	125.0	0.00	0.95	0.22	0	3	1	95	0.00	0.0	2.566	0.000	3	1	1	1
573210	PL.22998	C	Consumer	15.01Y	125.0	0.00	0.95	0.06	0	1	0	100	0.00	0.0	2.566	0.000	1	0	1	1
PL.11823	PL.11822	C	4ACSR	15.01Y	125.0	0.00	0.95	0.43	0	6	2	95	0.00	0.0	2.480	0.002	0	0	0	1
PD.2840	PL.11823	C	fuse6AMP	15.01Y	125.0	0.00	0.95	0.43	7	6	2	95	0.00	0.0	2.480	0.000	0	0	0	1
PL.11824	PD.2840	C	4ACSR	15.01Y	125.0	0.00	0.95	0.43	0	6	2	95	0.00	0.0	2.502	0.022	0	0	0	1
574206	PL.11824	C	Consumer	15.01Y	125.0	0.00	0.95	0.43	0	6	2	95	0.00	0.0	2.502	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
574205	PL.11824	C	Consumer	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	2.502	0.000	0	0	0	0
573303	PL.7520	C	Consumer	15.01Y	125.1	0.00	0.89	0.38	0	5	2	93	0.00	0.0	2.371	0.000	5	2	1	1
573301	PL.7520	C	Consumer	15.01Y	125.1	0.00	0.89	0.14	0	2	1	89	0.00	0.0	2.371	0.000	2	1	1	1
PL.22168	PL.7520	C	4ACSR	15.01Y	125.1	0.00	0.89	0.61	0	9	3	95	0.00	0.0	2.375	0.004	0	0	0	2
PD.3492	PL.22168	C	fuse6AMP	15.01Y	125.1	0.00	0.89	0.61	10	9	3	95	0.00	0.0	2.375	0.000	0	0	0	2
PL.22169	PD.3492	C	4ACSR	15.01Y	125.1	0.00	0.90	0.61	0	9	3	95	0.00	0.0	2.447	0.072	0	0	0	2
573209	PL.22169	C	Consumer	15.01Y	125.1	0.00	0.90	0.45	0	6	2	95	0.00	0.0	2.447	0.000	6	2	1	1
572301	PL.22169	C	Consumer	15.01Y	125.1	0.00	0.90	0.17	0	2	1	89	0.00	0.0	2.447	0.000	2	1	1	1
573401	PL.25962	C	Consumer	15.02Y	125.2	0.00	0.83	0.90	0	13	4	96	0.00	0.0	2.253	0.000	13	4	1	1
572412	PL.25962	C	Consumer	15.02Y	125.2	0.00	0.83	0.09	0	1	0	100	0.00	0.0	2.253	0.000	1	0	1	1
572411	PL.25962	C	Consumer	15.02Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	2.253	0.000	0	0	0	0
572404	PL.25962	C	Consumer	15.02Y	125.2	0.00	0.83	0.12	0	2	1	89	0.00	0.0	2.253	0.000	2	1	1	1
572406	PL.25962	C	Consumer	15.02Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	2.253	0.000	0	0	1	1
PL.30315	PL.25958	C	4ACSR	15.04Y	125.3	0.00	0.70	0.52	0	8	2	97	0.00	0.0	2.090	0.048	0	0	0	1
5715009	PL.30315	C	Consumer	15.04Y	125.3	0.00	0.70	0.52	0	8	2	97	0.00	0.0	2.090	0.000	8	2	1	1
443601	PL.25952	C	Consumer	15.04Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.011	0.000	0	0	0	0
PL.25717	PL.25955	B	4ACSR	15.11Y	125.9	0.00	0.09	4.19	2	60	19	95	0.00	0.0	1.759	0.015	0	0	0	19
PD.351-A	PL.25717	B	Closed	15.11Y	125.9	0.00	0.09	4.19	0	60	19	95	0.00	0.0	1.759	0.000	0	0	0	19
PD.351-B	PD.351-A	B	Closed	15.11Y	125.9	0.00	0.09	4.19	0	60	19	95	0.00	0.0	1.759	0.000	0	0	0	19
PL.25718	PD.351-B	B	4ACSR	15.11Y	125.9	0.00	0.10	4.19	2	60	19	95	0.00	0.0	1.802	0.044	0	0	0	19
PL.25715	PL.25718	B	4ACSR	15.11Y	125.9	0.00	0.10	4.08	2	59	18	96	0.00	0.0	1.805	0.003	0	0	0	17
PL.25716	PL.25715	B	4ACSR	15.10Y	125.9	0.03	0.13	4.08	2	59	18	96	0.01	0.0	2.160	0.355	0	0	0	17
PL.10835	PL.25716	B	4ACSR	15.10Y	125.9	0.01	0.14	3.03	2	44	14	95	0.00	0.0	2.348	0.188	0	0	0	14
PL.10838	PL.10835	B	4ACSR	15.10Y	125.8	0.01	0.15	2.84	1	41	13	95	0.00	0.0	2.516	0.168	0	0	0	13
PL.10839	PL.10838	B	4ACSR	15.10Y	125.8	0.01	0.16	1.53	1	22	7	95	0.00	0.0	2.781	0.264	0	0	0	7
PL.20792	PL.10839	B	4ACSR	15.10Y	125.8	0.01	0.17	1.53	1	22	7	95	0.00	0.0	3.025	0.244	0	0	0	7
PL.20794	PL.20792	B	4ACSR	15.10Y	125.8	0.00	0.17	1.17	1	17	5	96	0.00	0.0	3.044	0.019	0	0	0	3
PD.1090	PL.20794	B	fuse6AMP	15.10Y	125.8	0.00	0.17	1.17	20	17	5	96	0.00	0.0	3.044	0.000	0	0	0	3
PL.20795	PD.1090	B	4ACSR	15.10Y	125.8	0.00	0.17	1.17	1	17	5	96	0.00	0.0	3.114	0.070	0	0	0	3
PL.20793	PL.20795	B	4ACSR	15.10Y	125.8	0.00	0.17	0.16	0	2	1	89	0.00	0.0	3.194	0.080	0	0	0	1
443706	PL.20793	B	Consumer	15.10Y	125.8	0.00	0.17	0.16	0	2	1	89	0.00	0.0	3.194	0.000	2	1	1	1
PL.23345	PL.20795	B	4ACSR	15.10Y	125.8	0.00	0.17	1.02	1	15	5	95	0.00	0.0	3.208	0.094	0	0	0	2
443711	PL.23345	B	Consumer	15.10Y	125.8	0.00	0.17	0.39	0	6	2	95	0.00	0.0	3.208	0.000	6	2	1	1
443713	PL.23345	B	Consumer	15.10Y	125.8	0.00	0.17	0.62	0	9	3	95	0.00	0.0	3.208	0.000	9	3	1	1
443710	PL.23345	B	Consumer	15.10Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	3.208	0.000	0	0	0	0
PL.20796	PL.20792	B	4ACSR	15.10Y	125.8	0.00	0.17	0.35	0	5	2	93	0.00	0.0	3.150	0.125	0	0	0	4
PL.20797	PL.20796	B	4ACSR	15.10Y	125.8	0.00	0.17	0.13	0	2	1	89	0.00	0.0	3.167	0.017	0	0	0	2
PD.1091	PL.20797	B	fuse6AMP	15.10Y	125.8	0.00	0.17	0.13	2	2	1	89	0.00	0.0	3.167	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.20798	PD.1091	B	4ACSR	15.10Y	125.8	0.00	0.17	0.13	0	2	1	89	0.00	0.0	3.302	0.135	0	0	0	2
PL.23346	PL.20798	B	4ACSR	15.10Y	125.8	0.00	0.17	0.13	0	2	1	89	0.00	0.0	3.337	0.035	0	0	0	1
PL.23329	PL.23346	B	4ACSR	15.10Y	125.8	0.00	0.17	0.13	0	2	1	89	0.00	0.0	3.582	0.245	0	0	0	1
442701	PL.23329	B	Consumer	15.10Y	125.8	0.00	0.17	0.13	0	2	1	89	0.00	0.0	3.582	0.000	2	1	1	1
PL.20799	PL.20798	B	4ACSR	15.10Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	3.340	0.038	0	0	0	1
443701	PL.20799	B	Consumer	15.10Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	3.340	0.000	0	0	1	1
PL.29030	PL.20796	B	4ACSR	15.10Y	125.8	0.00	0.17	0.22	0	3	1	95	0.00	0.0	3.152	0.001	0	0	0	2
PL.20800	PL.29030	B	4ACSR	15.10Y	125.8	0.00	0.17	0.22	0	3	1	95	0.00	0.0	3.266	0.115	0	0	0	2
PD.1092	PL.20800	B	fuse6AMP	15.10Y	125.8	0.00	0.17	0.22	4	3	1	95	0.00	0.0	3.266	0.000	0	0	0	2
PL.21267	PD.1092	B	4ACSR	15.10Y	125.8	0.00	0.17	0.22	0	3	1	95	0.00	0.0	3.588	0.322	0	0	0	2
PL.10840	PL.21267	B	4ACSR	15.10Y	125.8	0.00	0.17	0.22	0	3	1	95	0.00	0.0	3.680	0.091	0	0	0	2
PL.10841	PL.10840	B	4ACSR	15.10Y	125.8	0.00	0.17	0.04	0	1	0	100	0.00	0.0	3.733	0.053	0	0	0	1
PL.45312	PL.10841	B	4ACSR	15.10Y	125.8	0.00	0.17	0.04	0	1	0	100	0.00	0.0	3.874	0.141	0	0	0	1
PL.45313	PL.45312	B	4ACSR	15.10Y	125.8	0.00	0.17	0.04	0	1	0	100	0.00	0.0	3.928	0.054	0	0	0	1
442703	PL.45313	B	Consumer	15.10Y	125.8	0.00	0.17	0.04	0	1	0	100	0.00	0.0	3.928	0.000	1	0	1	1
442704	PL.45313	B	Consumer	15.10Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	3.928	0.000	0	0	0	0
4427006	PL.45312	B	Consumer	15.10Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	3.874	0.000	0	0	0	0
442705	PL.10840	B	Consumer	15.10Y	125.8	0.00	0.17	0.18	0	3	1	95	0.00	0.0	3.680	0.000	3	1	1	1
442702	PL.10840	B	Consumer	15.10Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	3.680	0.000	0	0	0	0
PL.2563	PL.10838	B	4ACSR	15.10Y	125.8	0.00	0.15	0.00	0	0	0	100	0.00	0.0	2.559	0.043	0	0	0	0
PL.20850	PL.10838	B	4ACSR	15.10Y	125.8	0.00	0.15	1.31	1	19	6	95	0.00	0.0	2.519	0.002	0	0	0	6
PL.20790	PL.20850	B	4ACSR	15.10Y	125.8	0.00	0.15	1.31	1	19	6	95	0.00	0.0	2.525	0.006	0	0	0	6
PD.1089	PL.20790	B	fuse6AMP	15.10Y	125.8	0.00	0.15	1.31	22	19	6	95	0.00	0.0	2.525	0.000	0	0	0	6
PL.20791	PD.1089	B	4ACSR	15.10Y	125.8	0.00	0.15	1.31	1	19	6	95	0.00	0.0	2.547	0.021	0	0	0	6
443646	PL.20791	B	Consumer	15.10Y	125.8	0.00	0.15	0.11	0	2	1	89	0.00	0.0	2.547	0.000	2	1	1	1
443658	PL.20791	B	Consumer	15.10Y	125.8	0.00	0.15	0.19	0	3	1	95	0.00	0.0	2.547	0.000	3	1	1	1
PL.23281	PL.20791	B	4ACSR	15.10Y	125.8	0.00	0.15	1.01	1	15	5	95	0.00	0.0	2.580	0.033	0	0	0	4
443655	PL.23281	B	Consumer	15.10Y	125.8	0.00	0.15	0.15	0	2	1	89	0.00	0.0	2.580	0.000	2	1	1	1
PL.20848	PL.23281	B	4ACSR	15.10Y	125.8	0.00	0.16	0.86	0	12	4	95	0.00	0.0	2.620	0.040	0	0	0	3
PL.20849	PL.20848	B	4ACSR	15.10Y	125.8	0.00	0.16	0.26	0	4	1	97	0.00	0.0	2.726	0.107	0	0	0	1
443709	PL.20849	B	Consumer	15.10Y	125.8	0.00	0.16	0.26	0	4	1	97	0.00	0.0	2.726	0.000	4	1	1	1
443617	PL.20848	B	Consumer	15.10Y	125.8	0.00	0.16	0.13	0	2	1	89	0.00	0.0	2.620	0.000	2	1	1	1
443620	PL.20848	B	Consumer	15.10Y	125.8	0.00	0.16	0.48	0	7	2	96	0.00	0.0	2.620	0.000	7	2	1	1
PL.20844	PL.10835	B	4ACSR	15.10Y	125.9	0.00	0.14	0.19	0	3	1	95	0.00	0.0	2.359	0.011	0	0	0	1
PD.1088	PL.20844	B	fuse6AMP	15.10Y	125.9	0.00	0.14	0.19	3	3	1	95	0.00	0.0	2.359	0.000	0	0	0	1
PL.20845	PD.1088	B	4ACSR	15.10Y	125.9	0.00	0.14	0.19	0	3	1	95	0.00	0.0	2.408	0.049	0	0	0	1
443640	PL.20845	B	Consumer	15.10Y	125.9	0.00	0.14	0.19	0	3	1	95	0.00	0.0	2.408	0.000	3	1	1	1
PL.20842	PL.25716	B	4ACSR	15.10Y	125.9	0.00	0.13	1.05	1	15	5	95	0.00	0.0	2.171	0.011	0	0	0	3

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.1087	PL.20842	B	fuse6AMP	15.10Y	125.9	0.00	0.13	1.05	18	15	5	95	0.00	0.0	2.171	0.000	0	0	0	3
PL.20843	PD.1087	B	4ACSR	15.10Y	125.9	0.00	0.13	1.05	1	15	5	95	0.00	0.0	2.306	0.135	0	0	0	3
443609	PL.20843	B	Consumer	15.10Y	125.9	0.00	0.13	0.05	0	1	0	100	0.00	0.0	2.306	0.000	1	0	1	1
4436063	PL.20843	B	Consumer	15.10Y	125.9	0.00	0.13	0.76	0	11	3	96	0.00	0.0	2.306	0.000	11	3	1	1
443626	PL.20843	B	Consumer	15.10Y	125.9	0.00	0.13	0.24	0	3	1	95	0.00	0.0	2.306	0.000	3	1	1	1
443627	PL.25718	B	Consumer	15.11Y	125.9	0.00	0.10	0.11	0	2	0	100	0.00	0.0	1.802	0.000	2	0	1	1
443647	PL.25718	B	Consumer	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	1.802	0.000	0	0	1	1
443654	PL.9707	B	Consumer	15.10Y	125.8	0.00	0.15	0.01	0	0	0	100	0.00	0.0	1.054	0.000	0	0	1	1
4446095	PL.44215	B	Consumer	15.10Y	125.8	0.00	0.16	0.00	0	0	0	100	0.00	0.0	0.943	0.000	0	0	0	0
444627	PL.6856	B	Consumer	15.10Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	0.761	0.000	0	0	0	0
444602	PL.6856	B	Consumer	15.10Y	125.8	0.00	0.17	0.16	0	2	1	89	0.00	0.0	0.761	0.000	2	1	1	1
444605	PL.6856	B	Consumer	15.10Y	125.8	0.00	0.17	0.08	0	1	0	100	0.00	0.0	0.761	0.000	1	0	1	1
PL.10506	PL.6856	A	4ACSR	15.07Y	125.6	0.00	0.45	4.97	3	71	22	96	0.00	0.0	0.767	0.005	0	0	0	7
C PD.1079	PL.10506	A	fuse6AMP	15.07Y	125.6	0.00	0.45	4.97	85	71	22	96	0.00	0.0	0.767	0.000	0	0	0	7 C
PL.9696	PD.1079	A	4ACSR	15.06Y	125.5	0.01	0.46	4.97	3	71	22	96	0.01	0.0	0.866	0.099	0	0	0	7
PL.39728	PL.9696	A	2ACSR	15.06Y	125.5	0.01	0.47	4.22	2	61	19	95	0.00	0.0	1.008	0.142	0	0	0	6
PL.39730	PL.39728	A	2ACSR	15.06Y	125.5	0.00	0.47	4.22	2	61	19	95	0.00	0.0	1.042	0.034	0	0	0	6
PL.43743	PL.39730	A	2ACSR	15.06Y	125.5	0.00	0.48	3.48	1	50	16	95	0.00	0.0	1.111	0.069	0	0	0	5
4446094	PL.43743	A	Consumer	15.06Y	125.5	0.00	0.48	1.03	0	15	5	95	0.00	0.0	1.111	0.000	15	5	1	1
PL.43744	PL.43743	A	2ACSR	15.06Y	125.5	0.00	0.48	2.45	1	35	11	95	0.00	0.0	1.139	0.028	0	0	0	4
PL.39734	PL.43744	A	2ACSR	15.06Y	125.5	0.00	0.48	1.94	1	28	9	95	0.00	0.0	1.206	0.068	0	0	0	3
444678	PL.39734	A	Consumer	15.06Y	125.5	0.00	0.48	0.05	0	1	0	100	0.00	0.0	1.206	0.000	1	0	1	1
PL.39736	PL.39734	A	2ACSR	15.06Y	125.5	0.00	0.48	1.90	1	27	9	95	0.00	0.0	1.257	0.051	0	0	0	2
4446093	PL.39736	A	Consumer	15.06Y	125.5	0.00	0.48	1.25	0	18	6	95	0.00	0.0	1.257	0.000	18	6	1	1
444688	PL.39736	A	Consumer	15.06Y	125.5	0.00	0.48	0.65	0	9	3	95	0.00	0.0	1.257	0.000	9	3	1	1
PL.39737	PL.39736	A	2ACSR	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	1.291	0.034	0	0	0	0
444687	PL.39737	A	Consumer	15.06Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	1.291	0.000	0	0	0	0
4446092	PL.43744	A	Consumer	15.06Y	125.5	0.00	0.48	0.51	0	7	2	96	0.00	0.0	1.139	0.000	7	2	1	1
444666	PL.39730	A	Consumer	15.06Y	125.5	0.00	0.47	0.74	0	11	3	96	0.00	0.0	1.042	0.000	11	3	1	1
444631	PL.9696	A	Consumer	15.06Y	125.5	0.00	0.46	0.75	0	11	3	96	0.00	0.0	0.866	0.000	11	3	1	1
PL.9697	PL.6856	B	4ACSR	15.10Y	125.8	0.00	0.17	2.13	1	31	10	95	0.00	0.0	0.766	0.005	0	0	0	12
PD.1080	PL.9697	B	fuse8AMP	15.10Y	125.8	0.00	0.17	2.13	29	31	10	95	0.00	0.0	0.766	0.000	0	0	0	12
PL.9698	PD.1080	B	4ACSR	15.10Y	125.8	0.00	0.17	2.13	1	31	10	95	0.00	0.0	0.844	0.077	0	0	0	12
444629	PL.9698	B	Consumer	15.10Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	0.844	0.000	0	0	0	0
444615	PL.9698	B	Consumer	15.10Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	0.844	0.000	0	0	0	0
444626	PL.9698	B	Consumer	15.10Y	125.8	0.00	0.17	0.19	0	3	1	95	0.00	0.0	0.844	0.000	3	1	1	1
PL.9699	PL.9698	B	4ACSR	15.10Y	125.8	0.00	0.18	1.94	1	28	9	95	0.00	0.0	0.939	0.095	0	0	0	11
PL.20840	PL.9699	B	4ACSR	15.10Y	125.8	0.00	0.18	0.29	0	4	1	97	0.00	0.0	0.994	0.054	0	0	0	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.20841	PL.20840	B	4ACSR	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	1.046	0.052	0	0	0	0
PL.23339	PL.20840	B	4ACSR	15.10Y	125.8	0.00	0.18	0.29	0	4	1	97	0.00	0.0	1.082	0.088	0	0	0	1
444623	PL.23339	B	Consumer	15.10Y	125.8	0.00	0.18	0.29	0	4	1	97	0.00	0.0	1.082	0.000	4	1	1	1
PL.9700	PL.9699	B	4ACSR	15.10Y	125.8	0.01	0.18	1.65	1	24	7	96	0.00	0.0	1.076	0.137	0	0	0	10
444609	PL.9700	B	Consumer	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	1.076	0.000	0	0	1	1
PL.10836	PL.9700	B	4ACSR	15.10Y	125.8	0.01	0.19	1.65	1	24	7	96	0.00	0.0	1.388	0.313	0	0	0	9
PL.10837	PL.10836	B	4ACSR	15.10Y	125.8	0.00	0.20	1.29	1	19	6	95	0.00	0.0	1.447	0.058	0	0	0	6
PL.6859	PL.10837	B	4ACSR	15.10Y	125.8	0.00	0.20	0.62	0	9	3	95	0.00	0.0	1.518	0.071	0	0	0	4
PL.23342	PL.6859	B	4ACSR	15.10Y	125.8	0.00	0.20	0.15	0	2	1	89	0.00	0.0	1.589	0.072	0	0	0	2
PL.23341	PL.23342	B	4ACSR	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	1.636	0.047	0	0	0	1
443648	PL.23341	B	Consumer	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	1.636	0.000	0	0	1	1
443637	PL.23342	B	Consumer	15.10Y	125.8	0.00	0.20	0.15	0	2	1	89	0.00	0.0	1.589	0.000	2	1	1	1
PL.6858	PL.6859	B	4ACSR	15.10Y	125.8	0.00	0.20	0.46	0	7	2	96	0.00	0.0	1.553	0.035	0	0	0	2
443622	PL.6858	B	Consumer	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	1.553	0.000	0	0	1	1
443645	PL.6858	B	Consumer	15.10Y	125.8	0.00	0.20	0.46	0	7	2	96	0.00	0.0	1.553	0.000	7	2	1	1
443642	PL.6858	B	Consumer	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	1.553	0.000	0	0	0	0
443708	PL.10837	B	Consumer	15.10Y	125.8	0.00	0.20	0.41	0	6	2	95	0.00	0.0	1.447	0.000	6	2	1	1
443612	PL.10837	B	Consumer	15.10Y	125.8	0.00	0.20	0.26	0	4	1	97	0.00	0.0	1.447	0.000	4	1	1	1
443624	PL.10837	B	Consumer	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	1.447	0.000	0	0	0	0
PL.23166	PL.10836	B	4ACSR	15.10Y	125.8	0.00	0.20	0.35	0	5	2	93	0.00	0.0	1.574	0.186	0	0	0	3
443712	PL.23166	B	Consumer	15.10Y	125.8	0.00	0.20	0.04	0	1	0	100	0.00	0.0	1.574	0.000	1	0	1	1
443702	PL.23166	B	Consumer	15.10Y	125.8	0.00	0.20	0.31	0	5	1	98	0.00	0.0	1.574	0.000	5	1	1	1
PL.20846	PL.23166	B	4ACSR	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	1.584	0.010	0	0	0	1
PL.20847	PL.20846	B	4ACSR	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	1.739	0.155	0	0	0	1
PL.32761	PL.20847	B	4ACSR	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	1.807	0.068	0	0	0	1
443714	PL.32761	B	Consumer	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	1.807	0.000	0	0	1	1
PL.23340	PL.20846	B	4ACSR	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	1.697	0.113	0	0	0	0
444620	PL.46546	B	Consumer	15.10Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	0.726	0.000	0	0	1	1
444606	PL.46546	B	Consumer	15.10Y	125.8	0.00	0.17	0.02	0	0	0	100	0.00	0.0	0.726	0.000	0	0	1	1
444611	PL.46546	B	Consumer	15.10Y	125.8	0.00	0.17	0.36	0	5	2	93	0.00	0.0	0.726	0.000	5	2	1	1
PL.25906	PL.25904	B	4ACSR	15.10Y	125.8	0.00	0.18	5.52	3	80	25	95	0.00	0.0	0.554	0.002	0	0	0	10
PD.983	PL.25906	B	fuse10AMP	15.10Y	125.8	0.00	0.18	5.52	58	80	25	95	0.00	0.0	0.554	0.000	0	0	0	10
PL.21260	PD.983	B	4ACSR	15.10Y	125.8	0.00	0.18	5.52	3	80	25	95	0.00	0.0	0.576	0.023	0	0	0	10
444656	PL.21260	B	Consumer	15.10Y	125.8	0.00	0.18	0.28	0	4	1	97	0.00	0.0	0.576	0.000	4	1	1	1
PL.45953	PL.21260	B	4ACSR	15.10Y	125.8	0.00	0.19	5.24	3	75	24	95	0.00	0.0	0.600	0.024	0	0	0	9
PL.45954	PL.45953	B	4ACSR	15.10Y	125.8	0.00	0.19	5.24	3	75	24	95	0.00	0.0	0.626	0.026	0	0	0	9
444655	PL.45954	B	Consumer	15.10Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.626	0.000	0	0	0	0
PL.45951	PL.45954	B	4ACSR	15.10Y	125.8	0.00	0.19	5.24	3	75	24	95	0.00	0.0	0.626	0.000	0	0	0	9

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.45952	PL.45951	B	4ACSR	15.10Y	125.8	0.01	0.20	5.24	3	75	24	95	0.00	0.0	0.677	0.051	0	0	0	9
4446096	PL.45952	B	Consumer	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	0.677	0.000	0	0	0	0
PL.21262	PL.45952	B	4ACSR	15.10Y	125.8	0.00	0.20	5.24	3	75	24	95	0.00	0.0	0.704	0.027	0	0	0	9
PL.23289	PL.21262	B	4ACSR	15.10Y	125.8	0.01	0.21	3.97	2	57	18	95	0.00	0.0	0.789	0.084	0	0	0	7
PL.23290	PL.23289	B	4ACSR	15.09Y	125.8	0.01	0.21	3.36	2	48	15	95	0.00	0.0	0.873	0.084	0	0	0	6
444673	PL.23290	B	Consumer	15.09Y	125.8	0.00	0.21	0.00	0	0	0	100	0.00	0.0	0.873	0.000	0	0	0	0
PL.23291	PL.23290	B	4ACSR	15.09Y	125.8	0.01	0.22	3.36	2	48	15	95	0.00	0.0	0.946	0.073	0	0	0	6
PL.21263	PL.23291	B	4ACSR	15.09Y	125.8	0.00	0.22	2.79	1	40	13	95	0.00	0.0	0.987	0.041	0	0	0	5
PL.21264	PL.21263	B	4ACSR	15.09Y	125.8	0.00	0.23	2.79	1	40	13	95	0.00	0.0	1.048	0.060	0	0	0	5
444643	PL.21264	B	Consumer	15.09Y	125.8	0.00	0.23	0.73	0	10	3	96	0.00	0.0	1.048	0.000	10	3	1	1
PL.21265	PL.21264	B	4ACSR	15.09Y	125.8	0.00	0.23	2.07	1	30	9	96	0.00	0.0	1.095	0.048	0	0	0	4
PL.23285	PL.21265	B	4ACSR	15.09Y	125.8	0.00	0.23	1.26	1	18	6	95	0.00	0.0	1.144	0.049	0	0	0	3
444726	PL.23285	B	Consumer	15.09Y	125.8	0.00	0.23	0.26	0	4	1	97	0.00	0.0	1.144	0.000	4	1	1	1
444722	PL.23285	B	Consumer	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	1.144	0.000	0	0	0	0
PL.23286	PL.23285	B	4ACSR	15.09Y	125.8	0.00	0.23	0.52	0	7	2	96	0.00	0.0	1.281	0.137	0	0	0	1
444721	PL.23286	B	Consumer	15.09Y	125.8	0.00	0.23	0.52	0	7	2	96	0.00	0.0	1.281	0.000	7	2	1	1
PL.23349	PL.23285	B	4ACSR	15.09Y	125.8	0.00	0.23	0.47	0	7	2	96	0.00	0.0	1.176	0.032	0	0	0	1
444727	PL.23349	B	Consumer	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	1.176	0.000	0	0	0	0
444723	PL.23349	B	Consumer	15.09Y	125.8	0.00	0.23	0.47	0	7	2	96	0.00	0.0	1.176	0.000	7	2	1	1
PL.23350	PL.21265	B	4ACSR	15.09Y	125.8	0.00	0.23	0.81	0	12	4	95	0.00	0.0	1.175	0.080	0	0	0	1
444659	PL.23350	B	Consumer	15.09Y	125.8	0.00	0.23	0.81	0	12	4	95	0.00	0.0	1.175	0.000	12	4	1	1
PL.23348	PL.21263	B	4ACSR	15.09Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	1.040	0.053	0	0	0	0
444720	PL.23348	B	Consumer	15.09Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	1.040	0.000	0	0	0	0
444641	PL.23291	B	Consumer	15.09Y	125.8	0.00	0.22	0.57	0	8	3	94	0.00	0.0	0.946	0.000	8	3	1	1
444676	PL.23289	B	Consumer	15.10Y	125.8	0.00	0.21	0.00	0	0	0	100	0.00	0.0	0.789	0.000	0	0	0	0
444647	PL.23289	B	Consumer	15.10Y	125.8	0.00	0.21	0.00	0	0	0	100	0.00	0.0	0.789	0.000	0	0	0	0
4446101	PL.23289	B	Consumer	15.10Y	125.8	0.00	0.21	0.00	0	0	0	100	0.00	0.0	0.789	0.000	0	0	0	0
PL.23351	PL.23289	B	4ACSR	15.10Y	125.8	0.00	0.21	0.61	0	9	3	95	0.00	0.0	0.847	0.058	0	0	0	1
4446099	PL.23351	B	Consumer	15.10Y	125.8	0.00	0.21	0.00	0	0	0	100	0.00	0.0	0.847	0.000	0	0	0	0
444677	PL.23351	B	Consumer	15.10Y	125.8	0.00	0.21	0.61	0	9	3	95	0.00	0.0	0.847	0.000	9	3	1	1
444672	PL.23351	B	Consumer	15.10Y	125.8	0.00	0.21	0.00	0	0	0	100	0.00	0.0	0.847	0.000	0	0	0	0
444662	PL.21262	B	Consumer	15.10Y	125.8	0.00	0.20	0.74	0	11	3	96	0.00	0.0	0.704	0.000	11	3	1	1
444658	PL.21262	B	Consumer	15.10Y	125.8	0.00	0.20	0.53	0	8	2	97	0.00	0.0	0.704	0.000	8	2	1	1
4446102	PL.45951	B	Consumer	15.10Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.626	0.000	0	0	0	0
444669	PL.45953	B	Consumer	15.10Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.600	0.000	0	0	0	0
444664	PL.25903	C	Consumer	15.09Y	125.8	0.00	0.24	0.75	0	10	5	89	0.00	0.0	0.477	0.000	10	5	1	1
PL.10125	PL.10124	B	4ACSR	15.10Y	125.8	0.00	0.18	8.07	4	116	36	96	0.00	0.0	0.450	0.004	0	0	0	17
C PD.982	PL.10125	B	fuse10AMP	15.10Y	125.8	0.00	0.18	8.07	84	116	36	96	0.00	0.0	0.450	0.000	0	0	0	17 C

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.25902	PD.982	B	4ACSR	15.10Y	125.8	0.01	0.20	8.07	4	116	36	96	0.01	0.0	0.516	0.066	0	0	0	17
PL.10126	PL.25902	B	4ACSR	15.10Y	125.8	0.01	0.20	7.55	4	109	34	95	0.00	0.0	0.552	0.036	0	0	0	15
PL.6866	PL.10126	B	4ACSR	15.10Y	125.8	0.00	0.21	7.55	4	109	34	95	0.00	0.0	0.580	0.028	0	0	0	15
PL.6867	PL.6866	B	4ACSR	15.09Y	125.8	0.01	0.22	7.55	4	109	34	95	0.01	0.0	0.636	0.056	0	0	0	15
444636	PL.6867	B	Consumer	15.09Y	125.8	0.00	0.22	0.56	0	8	3	94	0.00	0.0	0.636	0.000	8	3	1	1
PL.2562	PL.6867	B	4ACSR	15.09Y	125.8	0.00	0.22	0.94	0	13	4	96	0.00	0.0	0.674	0.038	0	0	0	2
444671	PL.2562	B	Consumer	15.09Y	125.8	0.00	0.22	0.01	0	0	0	100	0.00	0.0	0.674	0.000	0	0	1	1
444651	PL.2562	B	Consumer	15.09Y	125.8	0.00	0.22	0.93	0	13	4	96	0.00	0.0	0.674	0.000	13	4	1	1
PL.2301	PL.6867	B	4ACSR	15.09Y	125.8	0.01	0.22	6.06	3	87	27	96	0.00	0.0	0.684	0.048	0	0	0	12
PL.2561	PL.2301	B	4ACSR	15.09Y	125.8	0.01	0.24	6.06	3	87	27	96	0.01	0.0	0.776	0.092	0	0	0	12
PL.2298	PL.2561	B	4ACSR	15.09Y	125.8	0.00	0.24	2.87	1	41	13	95	0.00	0.0	0.804	0.028	0	0	0	5
PL.2299	PL.2298	B	4ACSR	15.09Y	125.8	0.00	0.24	0.75	0	11	3	96	0.00	0.0	0.857	0.053	0	0	0	2
444654	PL.2299	B	Consumer	15.09Y	125.8	0.00	0.24	0.42	0	6	2	95	0.00	0.0	0.857	0.000	6	2	1	1
444670	PL.2299	B	Consumer	15.09Y	125.8	0.00	0.24	0.33	0	5	1	98	0.00	0.0	0.857	0.000	5	1	1	1
444652	PL.2298	B	Consumer	15.09Y	125.8	0.00	0.24	0.80	0	12	4	95	0.00	0.0	0.804	0.000	12	4	1	1
444686	PL.2298	B	Consumer	15.09Y	125.8	0.00	0.24	0.58	0	8	3	94	0.00	0.0	0.804	0.000	8	3	1	1
444668	PL.2298	B	Consumer	15.09Y	125.8	0.00	0.24	0.74	0	11	3	96	0.00	0.0	0.804	0.000	11	3	1	1
PL.2302	PL.2561	B	4ACSR	15.09Y	125.8	0.00	0.24	1.31	1	19	6	95	0.00	0.0	0.846	0.070	0	0	0	2
444667	PL.2302	B	Consumer	15.09Y	125.8	0.00	0.24	0.80	0	12	4	95	0.00	0.0	0.846	0.000	12	4	1	1
444645	PL.2302	B	Consumer	15.09Y	125.8	0.00	0.24	0.51	0	7	2	96	0.00	0.0	0.846	0.000	7	2	1	1
444663	PL.2561	B	Consumer	15.09Y	125.8	0.00	0.24	0.25	0	4	1	97	0.00	0.0	0.776	0.000	4	1	1	1
444660	PL.2561	B	Consumer	15.09Y	125.8	0.00	0.24	0.44	0	6	2	95	0.00	0.0	0.776	0.000	6	2	1	1
PL.2560	PL.2561	B	4ACSR	15.09Y	125.8	0.00	0.24	1.20	1	17	5	96	0.00	0.0	0.881	0.105	0	0	0	3
444649	PL.2560	B	Consumer	15.09Y	125.8	0.00	0.24	0.10	0	1	0	100	0.00	0.0	0.881	0.000	1	0	1	1
444648	PL.2560	B	Consumer	15.09Y	125.8	0.00	0.24	0.85	0	12	4	95	0.00	0.0	0.881	0.000	12	4	1	1
444684	PL.2560	B	Consumer	15.09Y	125.8	0.00	0.24	0.24	0	4	1	97	0.00	0.0	0.881	0.000	4	1	1	1
444632	PL.25902	B	Consumer	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	0.516	0.000	0	0	0	0
444690	PL.25902	B	Consumer	15.10Y	125.8	0.00	0.20	0.39	0	6	2	95	0.00	0.0	0.516	0.000	6	2	1	1
444640	PL.25902	B	Consumer	15.10Y	125.8	0.00	0.20	0.13	0	2	1	89	0.00	0.0	0.516	0.000	2	1	1	1
4446098	444640	B	Consumer	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	0.516	0.000	0	0	0	0
PL.21259	PL.10117	B	4ACSR	15.10Y	125.8	0.00	0.18	1.84	1	27	8	96	0.00	0.0	0.192	0.007	0	0	0	3
PD.2458	PL.21259	B	50V4E	15.10Y	125.8	0.00	0.18	1.84	0	27	8	96	0.00	0.0	0.192	0.000	0	0	0	3
PL.21266	PD.2458	B	4ACSR	15.10Y	125.8	0.01	0.18	1.84	1	27	8	96	0.00	0.0	0.346	0.154	0	0	0	3
PL.21073	PL.21266	B	4ACSR	15.10Y	125.8	0.00	0.18	0.30	0	4	1	97	0.00	0.0	0.428	0.082	0	0	0	1
PL.23343	PL.21073	B	4ACSR	15.10Y	125.8	0.00	0.18	0.30	0	4	1	97	0.00	0.0	0.464	0.036	0	0	0	1
444610	PL.23343	B	Consumer	15.10Y	125.8	0.00	0.18	0.30	0	4	1	97	0.00	0.0	0.464	0.000	4	1	1	1
PL.21075	PL.21073	B	4ACSR	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.495	0.067	0	0	0	0
444680	PL.21075	B	Consumer	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.495	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 2 (BLEVAL2) beginning with Device PD.2461.

Unbalanced Voltage Drop Report
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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.42322, 445609, etc.

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include various elements like PL.25924, PD.7692-A, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.2296	PL.10662	C	4ACSR	7.43Y	123.9	0.00	2.13	1.75	1	12	4	95	0.00	0.0	2.077	0.031	0	0	0	1
444717	PL.2296	C	Consumer	7.43Y	123.9	0.00	2.13	1.75	0	12	4	95	0.00	0.0	2.077	0.000	12	4	1	1
PL.10663	PL.10662	A	1/0CU	7.50Y	124.9	0.06	1.05	70.94	16	532	15	100	1.38	0.1	2.161	0.115	0	0	0	114
		B		7.42Y	123.7	0.11	2.32	81.48	19	604	40	100			0	0	0	0	0	125
		C		7.42Y	123.7	0.13	2.25	97.29	22	717	94	99			0	0	0	0	0	135
PL.10666	PL.10663	B	4ACSR	7.42Y	123.7	0.01	2.33	9.80	5	69	22	95	0.00	0.0	2.174	0.013	0	0	0	16
PD.7684	PL.10666	B	25L	7.42Y	123.7	0.00	2.33	9.80	39	69	22	95	0.00	0.0	2.174	0.000	0	0	0	16
PL.29057	PD.7684	B	4ACSR	7.42Y	123.7	0.01	2.34	9.80	5	69	22	95	0.01	0.0	2.206	0.032	0	0	0	16
444713	PL.29057	B	Consumer	7.42Y	123.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	2.206	0.000	0	0	1	1
444714	PL.29057	B	Consumer	7.42Y	123.7	0.00	2.34	0.29	0	2	1	89	0.00	0.0	2.206	0.000	2	1	1	1
444725	PL.29057	B	Consumer	7.42Y	123.7	0.00	2.34	1.25	0	9	3	95	0.00	0.0	2.206	0.000	9	3	1	1
PL.10664	PL.29057	B	4ACSR	7.42Y	123.7	0.00	2.34	8.26	4	58	19	95	0.00	0.0	2.210	0.004	0	0	0	13
PL.10665	PL.10664	B	4ACSR	7.42Y	123.6	0.03	2.37	8.26	4	58	19	95	0.01	0.0	2.285	0.076	0	0	0	13
PL.6874	PL.10665	B	4ACSR	7.42Y	123.6	0.01	2.38	8.26	4	58	19	95	0.01	0.0	2.320	0.035	0	0	0	13
444805	PL.6874	B	Consumer	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	2.320	0.000	0	0	1	1
444801	PL.6874	B	Consumer	7.42Y	123.6	0.00	2.38	0.35	0	3	1	95	0.00	0.0	2.320	0.000	3	1	1	1
PL.25944	PL.6874	B	4ACSR	7.42Y	123.6	0.03	2.42	7.90	4	56	18	95	0.01	0.0	2.411	0.091	0	0	0	11
PL.25945	PL.25944	B	4ACSR	7.41Y	123.6	0.01	2.43	7.90	4	56	18	95	0.01	0.0	2.448	0.037	0	0	0	11
PL.25946	PL.25945	B	4ACSR	7.41Y	123.5	0.04	2.47	4.83	2	34	11	95	0.01	0.0	2.640	0.191	0	0	0	8
PL.23360	PL.25946	B	4ACSR	7.41Y	123.5	0.01	2.48	1.60	1	11	4	94	0.00	0.0	2.734	0.094	0	0	0	3
PL.23501	PL.23360	B	4ACSR	7.41Y	123.5	0.00	2.48	0.03	0	0	0	100	0.00	0.0	2.773	0.040	0	0	0	1
444818	PL.23501	B	Consumer	7.41Y	123.5	0.00	2.48	0.03	0	0	0	100	0.00	0.0	2.773	0.000	0	0	1	1
444814	PL.23360	B	Consumer	7.41Y	123.5	0.00	2.48	0.85	0	6	2	95	0.00	0.0	2.734	0.000	6	2	1	1
444803	PL.23360	B	Consumer	7.41Y	123.5	0.00	2.48	0.72	0	5	2	93	0.00	0.0	2.734	0.000	5	2	1	1
PL.42319	PL.25946	B	4ACSR	7.41Y	123.5	0.00	2.47	3.23	2	23	7	96	0.00	0.0	2.644	0.004	0	0	0	5
PD.7686	PL.42319	B	fuse6AMP	7.41Y	123.5	0.00	2.47	3.23	55	23	7	96	0.00	0.0	2.644	0.000	0	0	0	5
PL.42320	PD.7686	B	4ACSR	7.41Y	123.5	0.03	2.50	3.23	2	23	7	96	0.00	0.0	2.827	0.183	0	0	0	5
PL.6875	PL.42320	B	4ACSR	7.41Y	123.5	0.02	2.52	3.23	2	23	7	96	0.00	0.0	2.999	0.172	0	0	0	5
PL.6876	PL.6875	B	4ACSR	7.41Y	123.5	0.01	2.53	2.13	1	15	4	97	0.00	0.0	3.055	0.055	0	0	0	4
444813	PL.6876	B	Consumer	7.41Y	123.5	0.00	2.53	0.12	0	1	0	100	0.00	0.0	3.055	0.000	1	0	1	1
PL.23293	PL.6876	B	4ACSR	7.41Y	123.5	0.01	2.54	2.00	1	14	4	96	0.00	0.0	3.189	0.134	0	0	0	3
PL.43722	PL.23293	B	2ACSR	7.41Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	3.253	0.064	0	0	0	0
4448019	PL.43722	B	Consumer	7.41Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	3.253	0.000	0	0	0	0
PL.29561	PL.23293	B	1/0EPRJCN	7.41Y	123.5	0.00	2.54	1.27	1	9	3	95	0.00	0.0	3.248	0.058	0	0	0	1
444816	PL.29561	B	Consumer	7.41Y	123.5	0.00	2.54	1.28	0	9	3	95	0.00	0.0	3.248	0.000	9	3	1	1
444817	PL.23293	B	Consumer	7.41Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	3.189	0.000	0	0	1	1
PL.29560	PL.23293	B	1/0EPRJCN	7.41Y	123.5	0.00	2.54	0.73	0	5	1	98	0.00	0.0	3.255	0.066	0	0	0	1
444815	PL.29560	B	Consumer	7.41Y	123.5	0.00	2.54	0.74	0	5	2	93	0.00	0.0	3.255	0.000	5	2	1	1
444812	PL.6875	B	Consumer	7.41Y	123.5	0.00	2.52	1.11	0	8	2	97	0.00	0.0	2.999	0.000	8	2	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.42317, PD.7685, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

10/22/2007 09:26 Page 47

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.20195	PL.10672	A	1/0CU	7.48Y	124.7	0.09	1.31	68.36	16	512	7	100	2.18	0.1	2.730	0.201	0	0	0	109
		B		7.39Y	123.2	0.16	2.76	72.01	17	533	17	100					0	0	0	109
		C		7.38Y	123.1	0.24	2.94	95.70	22	703	87	99					0	0	0	133
PL.20196	PL.20195	A	1/0CU	7.48Y	124.7	0.02	1.33	70.04	16	511	114	98	0.35	0.0	2.760	0.030	0	0	0	109
		B		7.39Y	123.2	0.03	2.79	73.83	17	532	122	97					0	0	0	109
		C		7.38Y	123.0	0.04	2.98	98.43	23	701	190	97					0	0	0	133
PL.42260	PL.20196	A	4ACSR	7.48Y	124.7	0.00	1.33	1.07	1	8	2	97	0.00	0.0	2.769	0.009	0	0	0	1
PL.42261	PL.42260	A	4ACSR	7.48Y	124.7	0.00	1.33	1.07	1	8	2	97	0.00	0.0	2.801	0.032	0	0	0	1
443822	PL.42261	A	Consumer	7.48Y	124.7	0.00	1.33	1.07	0	8	2	97	0.00	0.0	2.801	0.000	8	2	1	1
PL.12462	PL.20196	A	1/0CU	7.48Y	124.7	0.00	1.33	68.98	16	504	112	98	0.01	0.0	2.761	0.001	0	0	0	108
		B		7.39Y	123.2	0.00	2.79	73.83	17	532	122	97					0	0	0	109
		C		7.38Y	123.0	0.00	2.98	98.43	23	701	190	97					0	0	0	133
PL.42262	PL.12462	C	4ACSR	7.38Y	123.0	0.00	2.98	2.28	1	16	5	95	0.00	0.0	2.767	0.005	0	0	0	8
PL.46512	PL.42262	C	4ACSR	7.38Y	123.0	0.00	2.98	2.28	1	16	5	95	0.00	0.0	2.777	0.010	0	0	0	8
PD.8749	PL.46512	C	fuse6AMP	7.38Y	123.0	0.00	2.98	2.28	39	16	5	95	0.00	0.0	2.777	0.000	0	0	0	8
PL.46513	PD.8749	C	4ACSR	7.38Y	123.0	0.01	2.99	2.28	1	16	5	95	0.00	0.0	2.828	0.051	0	0	0	8
PL.23298	PL.46513	C	4ACSR	7.38Y	123.0	0.00	2.99	0.44	0	3	1	95	0.00	0.0	2.871	0.042	0	0	0	4
443866	PL.23298	C	Consumer	7.38Y	123.0	0.00	2.99	0.01	0	0	0	100	0.00	0.0	2.871	0.000	0	0	1	1
443870	PL.23298	C	Consumer	7.38Y	123.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	2.871	0.000	0	0	1	1
443856	PL.23298	C	Consumer	7.38Y	123.0	0.00	2.99	0.30	0	2	1	89	0.00	0.0	2.871	0.000	2	1	1	1
PL.23299	PL.23298	C	4ACSR	7.38Y	123.0	0.00	2.99	0.13	0	1	0	100	0.00	0.0	2.899	0.029	0	0	0	1
443869	PL.23299	C	Consumer	7.38Y	123.0	0.00	2.99	0.13	0	1	0	100	0.00	0.0	2.899	0.000	1	0	1	1
443838	PL.46513	C	Consumer	7.38Y	123.0	0.00	2.99	0.90	0	6	2	95	0.00	0.0	2.828	0.000	6	2	1	1
443823	PL.46513	C	Consumer	7.38Y	123.0	0.00	2.99	0.64	0	5	1	98	0.00	0.0	2.828	0.000	5	1	1	1
443851	PL.46513	C	Consumer	7.38Y	123.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	2.828	0.000	0	0	1	1
443850	PL.46513	C	Consumer	7.38Y	123.0	0.00	2.99	0.29	0	2	1	89	0.00	0.0	2.828	0.000	2	1	1	1
PL.12463	PL.12462	A	1/0CU	7.48Y	124.6	0.05	1.38	68.98	16	504	112	98	0.97	0.1	2.849	0.088	0	0	0	108
		B		7.39Y	123.1	0.08	2.87	73.83	17	532	122	97					0	0	0	109
		C		7.37Y	122.9	0.11	3.09	96.16	22	685	185	97					0	0	0	125
PL.25936	PL.12463	A	1/0ACSR	7.48Y	124.6	0.00	1.39	5.19	2	37	12	95	0.01	0.0	2.903	0.054	0	0	0	1
		B		7.39Y	123.1	0.01	2.88	7.11	2	50	16	95					0	0	0	6
		C		7.37Y	122.9	0.01	3.10	7.54	2	53	18	95					0	0	0	4
PD.356-A	PL.25936	A	Closed	7.48Y	124.6	0.00	1.39	5.19	0	37	12	95	0.00	0.0	2.903	0.000	0	0	0	1
		B		7.39Y	123.1	0.00	2.88	7.11	0	50	16	95					0	0	0	6
		C		7.37Y	122.9	0.00	3.10	7.54	0	53	18	95					0	0	0	4
PD.356-B	PD.356-A	A	Closed	7.48Y	124.6	0.00	1.39	5.19	0	37	12	95	0.00	0.0	2.903	0.000	0	0	0	1
		B		7.39Y	123.1	0.00	2.88	7.11	0	50	16	95					0	0	0	6
		C		7.37Y	122.9	0.00	3.10	7.54	0	53	18	95					0	0	0	4
PL.25937	PD.356-B	A	1/0ACSR	7.48Y	124.6	0.01	1.39	5.19	2	37	12	95	0.01	0.0	2.979	0.076	0	0	0	1
		B		7.39Y	123.1	0.01	2.89	7.11	2	50	16	95					0	0	0	6
		C		7.37Y	122.9	0.01	3.11	7.54	2	53	18	95					0	0	0	4
443840	PL.25937	B	Consumer	7.39Y	123.1	0.00	2.89	0.03	0	0	0	100	0.00	0.0	2.979	0.000	0	0	1	1
PL.25935	PL.25937	A	1/0ACSR	7.48Y	124.6	0.00	1.40	5.19	2	37	12	95	0.00	0.0	3.012	0.033	0	0	0	1
		B		7.39Y	123.1	0.00	2.89	7.08	2	50	16	95					0	0	0	5
		C		7.37Y	122.9	0.00	3.11	7.54	2	53	18	95					0	0	0	4
PL.25938	PL.25935	A	1/0ACSR	7.48Y	124.6	0.00	1.40	5.19	2	37	12	95	0.01	0.0	3.062	0.051	0	0	0	1
		B		7.39Y	123.1	0.01	2.90	7.08	2	50	16	95					0	0	0	5
		C		7.37Y	122.9	0.01	3.12	7.54	2	53	18	95					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

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR			
443837	PL.25938	A	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	3.062	0.000	0	0	0	0	
443834	PL.25938	C	Consumer	7.37Y	122.9	0.00	3.12	0.40	0	3	1	95	0.00	0.0	3.062	0.000	3	1	1	1	
443839	PL.25938	B	Consumer	7.39Y	123.1	0.00	2.90	0.22	0	2	0	100	0.00	0.0	3.062	0.000	2	0	1	1	
PL.25939	PL.25938	B	4ACSR	7.39Y	123.1	0.00	2.90	1.21	1	9	3	95	0.00	0.0	3.070	0.008	0	0	0	2	
PD.1067	PL.25939	B	fuse6AMP	7.39Y	123.1	0.00	2.90	1.21	21	9	3	95	0.00	0.0	3.070	0.000	0	0	0	2	
PL.25940	PD.1067	B	4ACSR	7.39Y	123.1	0.00	2.91	1.21	1	9	3	95	0.00	0.0	3.130	0.060	0	0	0	2	
443848	PL.25940	B	Consumer	7.39Y	123.1	0.00	2.91	1.06	0	7	2	96	0.00	0.0	3.130	0.000	7	2	1	1	
443872	PL.25940	B	Consumer	7.39Y	123.1	0.00	2.91	0.15	0	1	0	100	0.00	0.0	3.130	0.000	1	0	1	1	
PL.25941	PL.25938	A	1/0ACSR	7.48Y	124.6	0.00	1.40	5.19	2	37	12	95	0.00	0.0	3.112	0.049	0	0	0	1	
		B		7.39Y	123.1	0.01	2.91	5.65	2	40	13	95					0	0	0	2	
		C		7.37Y	122.9	0.01	3.13	7.14	2	50	17	95					0	0	0	3	
PL.25942	PL.25941	A	1/0ACSR	7.48Y	124.6	0.01	1.41	5.19	2	37	12	95	0.01	0.0	3.195	0.083	0	0	0	1	
		B		7.39Y	123.1	0.01	2.92	5.25	2	37	12	95					0	0	0	1	
		C		7.37Y	122.9	0.01	3.14	7.14	2	50	17	95					0	0	0	3	
PL.14812	PL.25942	A	1/0ACSR	7.48Y	124.6	0.00	1.41	5.19	2	37	12	95	0.00	0.0	3.207	0.013	0	0	0	1	
		B		7.39Y	123.1	0.00	2.92	5.25	2	37	12	95					0	0	0	1	
		C		7.37Y	122.9	0.00	3.14	5.26	2	37	12	95					0	0	0	1	
C PD.1069	PL.14812	A	fuse6AMP	7.48Y	124.6	0.00	1.41	5.19	89	37	12	95	0.00	0.0	3.207	0.000	0	0	0	1 C	
C		B		7.39Y	123.1	0.00	2.92	5.25	90	37	12	95					0	0	0	1 C	
C		C		7.37Y	122.9	0.00	3.14	5.26	90	37	12	95					0	0	0	1 C	
PL.14813	PD.1069	A	1/0ACSR	7.48Y	124.6	0.00	1.41	5.19	2	37	12	95	0.00	0.0	3.251	0.044	0	0	0	1	
		B		7.38Y	123.1	0.00	2.92	5.25	2	37	12	95					0	0	0	1	
		C		7.37Y	122.9	0.00	3.15	5.26	2	37	12	95					0	0	0	1	
PL.25943	PL.14813	A	1/0ACSR	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	3.301	0.050	0	0	0	0	
		B		7.38Y	123.1	0.00	2.92	0.00	0	0	0	100					0	0	0	0	
		C		7.37Y	122.9	0.00	3.15	0.00	0	0	0	100					0	0	0	0	
443830	PL.25943	A	Consumer	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	3.301	0.000	0	0	0	0	
		B		7.38Y	123.1	0.00	2.92	0.00	0	0	0	100					0	0	0	0	
		C		7.37Y	122.9	0.00	3.15	0.00	0	0	0	100					0	0	0	0	
443832	PL.14813	A	Consumer	7.48Y	124.6	0.00	1.41	3.37	0	23	11	90	0.00	0.0	3.251	0.000	23	11	0	0	
		B		7.38Y	123.1	0.00	2.92	3.41	0	23	11	90					23	11	0	0	
		C		7.37Y	122.9	0.00	3.15	3.41	0	23	11	90					23	11	0	0	
443831	PL.14813	A	Consumer	7.48Y	124.6	0.00	1.41	1.90	0	14	1	100	0.00	0.0	3.251	0.000	14	1	0	0	
		B		7.38Y	123.1	0.00	2.92	1.93	0	14	1	100					14	1	0	0	
		C		7.37Y	122.9	0.00	3.15	1.93	0	14	1	100					14	1	0	0	
PL.2585	PL.25942	C	4ACSR	7.37Y	122.8	0.01	3.15	1.12	1	8	2	97	0.00	0.0	3.448	0.253	0	0	0	1	
PL.2718	PL.2585	C	4ACSR	7.37Y	122.8	0.00	3.16	1.12	1	8	2	97	0.00	0.0	3.511	0.063	0	0	0	1	
443861	PL.2718	C	Consumer	7.37Y	122.8	0.00	3.16	1.12	0	8	2	97	0.00	0.0	3.511	0.000	8	2	1	1	
443833	PL.25942	C	Consumer	7.37Y	122.9	0.00	3.14	0.76	0	5	2	93	0.00	0.0	3.195	0.000	5	2	1	1	
443843	PL.25941	B	Consumer	7.39Y	123.1	0.00	2.91	0.40	0	3	1	95	0.00	0.0	3.112	0.000	3	1	1	1	
PL.6881	PL.12463	A	1/0CU	7.46Y	124.4	0.25	1.63	63.82	15	467	99	98	4.16	0.3	3.296	0.446	0	0	0	107	
		B		7.37Y	122.8	0.38	3.25	66.75	15	482	105	98					0	0	0	103	
		C		7.34Y	122.4	0.54	3.63	88.63	20	632	166	97					0	0	0	121	
443863	PL.6881	A	Consumer	7.46Y	124.4	0.00	1.63	0.00	0	0	0	100	0.00	0.0	3.296	0.000	0	0	0	0	
PL.25933	PL.6881	A	1/0CU	7.46Y	124.3	0.04	1.67	63.82	15	466	98	98	0.75	0.0	3.377	0.081	0	0	0	107	
		B		7.36Y	122.7	0.07	3.32	66.75	15	481	104	98					0	0	0	103	
		C		7.34Y	122.3	0.10	3.73	88.63	20	630	163	97					0	0	0	121	
PL.25934	PL.25933	A	1/0CU	7.46Y	124.3	0.07	1.75	63.12	15	461	96	98	1.28	0.1	3.515	0.139	0	0	0	106	
		B		7.35Y	122.6	0.12	3.44	66.75	15	480	104	98					0	0	0	103	
		C		7.33Y	122.1	0.17	3.90	88.63	20	630	163	97					0	0	0	121	

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.12216, PD.354-A, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.2285, PL.32692, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR			Cons On	Cons Thru		
PL.6789	PL.12234	A	4ACSR	7.37Y	122.8	0.06	3.22	16.14	8	114	36	95	0.05	0.0	4.862	0.085	0	0	0	27		
		C		7.31Y	121.8	0.00	4.23	0.00	0	0	0	100					0	0	0	0		
PL.6792	PL.6789	A	4ACSR	7.36Y	122.7	0.06	3.28	15.09	8	106	33	95	0.05	0.0	4.945	0.084	0	0	0	25		
442880	PL.6792	A	Consumer	7.36Y	122.7	0.00	3.28	0.52	0	4	1	97	0.00	0.0	4.945	0.000	4	1	1	1		
442853	PL.6792	A	Consumer	7.36Y	122.7	0.00	3.28	0.23	0	2	0	100	0.00	0.0	4.945	0.000	2	0	1	1		
442917	PL.6792	A	Consumer	7.36Y	122.7	0.00	3.28	0.59	0	4	1	97	0.00	0.0	4.945	0.000	4	1	1	1		
442840	PL.6792	A	Consumer	7.36Y	122.7	0.00	3.28	1.53	0	11	3	96	0.00	0.0	4.945	0.000	11	3	1	1		
442854	PL.6792	A	Consumer	7.36Y	122.7	0.00	3.28	0.00	0	0	0	100	0.00	0.0	4.945	0.000	0	0	0	0		
442879	PL.6792	A	Consumer	7.36Y	122.7	0.00	3.28	0.04	0	0	0	100	0.00	0.0	4.945	0.000	0	0	1	1		
442828	PL.6792	A	Consumer	7.36Y	122.7	0.00	3.28	0.43	0	3	1	95	0.00	0.0	4.945	0.000	3	1	1	1		
PL.42641	PL.6792	A	4ACSR	7.36Y	122.7	0.00	3.28	2.53	1	18	6	95	0.00	0.0	4.953	0.008	0	0	0	3		
PD.8535	PL.42641	A	fuse6AMP	7.36Y	122.7	0.00	3.28	2.53	43	18	6	95	0.00	0.0	4.953	0.000	0	0	0	3		
PL.42642	PD.8535	A	4ACSR	7.36Y	122.7	0.01	3.29	2.53	1	18	6	95	0.00	0.0	5.055	0.101	0	0	0	3		
PL.31871	PL.42642	A	4ACSR	7.36Y	122.7	0.00	3.30	1.22	1	9	3	95	0.00	0.0	5.120	0.065	0	0	0	1		
4428095	PL.31871	A	Consumer	7.36Y	122.7	0.00	3.30	1.22	0	9	3	95	0.00	0.0	5.120	0.000	9	3	1	1		
PL.31873	PL.42642	A	4ACSR	7.36Y	122.7	0.00	3.30	1.31	1	9	3	95	0.00	0.0	5.100	0.046	0	0	0	2		
442927	PL.31873	A	Consumer	7.36Y	122.7	0.00	3.30	0.22	0	2	0	100	0.00	0.0	5.100	0.000	2	0	1	1		
PL.20659	PL.31873	A	4ACSR	7.36Y	122.7	0.00	3.30	1.09	1	8	2	97	0.00	0.0	5.145	0.045	0	0	0	1		
442910	PL.20659	A	Consumer	7.36Y	122.7	0.00	3.30	1.09	0	8	2	97	0.00	0.0	5.145	0.000	8	2	1	1		
PL.42643	PL.6792	A	4ACSR	7.36Y	122.7	0.00	3.28	7.40	4	52	16	96	0.00	0.0	4.955	0.010	0	0	0	9		
PD.8536-A	PL.42643	A	Closed	7.36Y	122.7	0.00	3.28	7.40	0	52	16	96	0.00	0.0	4.955	0.000	0	0	0	9		
PD.8536-B	PD.8536-A	A	Closed	7.36Y	122.7	0.00	3.28	7.40	0	52	16	96	0.00	0.0	4.955	0.000	0	0	0	9		
PL.42644	PD.8536-B	A	4ACSR	7.36Y	122.7	0.04	3.32	7.40	4	52	16	96	0.01	0.0	5.068	0.113	0	0	0	9		
442919	PL.42644	A	Consumer	7.36Y	122.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	5.068	0.000	0	0	0	0		
442912	PL.42644	A	Consumer	7.36Y	122.7	0.00	3.32	1.21	0	8	3	94	0.00	0.0	5.068	0.000	8	3	1	1		
442904	PL.42644	A	Consumer	7.36Y	122.7	0.00	3.32	0.64	0	5	1	98	0.00	0.0	5.068	0.000	5	1	1	1		
442913	PL.42644	A	Consumer	7.36Y	122.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	5.068	0.000	0	0	0	0		
442925	PL.42644	A	Consumer	7.36Y	122.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	5.068	0.000	0	0	1	1		
442924	PL.42644	A	Consumer	7.36Y	122.7	0.00	3.32	1.02	0	7	2	96	0.00	0.0	5.068	0.000	7	2	1	1		
PL.12239	PL.42644	A	4ACSR	7.36Y	122.6	0.09	3.41	4.53	2	32	10	95	0.02	0.1	5.486	0.417	0	0	0	5		
PL.12240	PL.12239	A	4ACSR	7.35Y	122.6	0.03	3.44	3.39	2	24	7	96	0.01	0.0	5.672	0.186	0	0	0	4		
PL.12241	PL.12240	A	4ACSR	7.35Y	122.6	0.01	3.45	3.39	2	24	7	96	0.00	0.0	5.735	0.063	0	0	0	4		
PL.42647	PL.12241	A	4ACSR	7.35Y	122.6	0.00	3.45	2.64	1	18	6	95	0.00	0.0	5.738	0.004	0	0	0	2		
PD.8538	PL.42647	A	fuse6AMP	7.35Y	122.6	0.00	3.45	2.64	45	18	6	95	0.00	0.0	5.738	0.000	0	0	0	2		
PL.42648	PD.8538	A	4ACSR	7.35Y	122.5	0.01	3.46	2.64	1	18	6	95	0.00	0.0	5.834	0.096	0	0	0	2		
442920	PL.42648	A	Consumer	7.35Y	122.5	0.00	3.46	1.04	0	7	2	96	0.00	0.0	5.834	0.000	7	2	1	1		
4429029	PL.42648	A	Consumer	7.35Y	122.5	0.00	3.46	1.60	0	11	4	94	0.00	0.0	5.834	0.000	11	4	1	1		
PL.12461	PL.12241	A	4ACSR	7.35Y	122.6	0.00	3.45	0.76	0	5	2	93	0.00	0.0	5.822	0.087	0	0	0	2		
442914	PL.12461	A	Consumer	7.35Y	122.6	0.00	3.45	0.73	0	5	2	93	0.00	0.0	5.822	0.000	5	2	1	1		

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes a sub-header for Units Displayed In Volts and Base Voltage:120.0-

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' and '-Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
442881	PL.23195	B	Consumer	7.34Y	122.3	0.00	3.74	1.01	0	7	2	96	0.00	0.0	4.877	0.000	7	2	1	1
PL.20304	PL.20306	B	4ACSR	7.34Y	122.3	0.00	3.74	1.34	1	9	3	95	0.00	0.0	4.862	0.081	0	0	0	2
442842	PL.20304	B	Consumer	7.34Y	122.3	0.00	3.74	1.28	0	9	3	95	0.00	0.0	4.862	0.000	9	3	1	1
442809	PL.20304	B	Consumer	7.34Y	122.3	0.00	3.74	0.06	0	0	0	100	0.00	0.0	4.862	0.000	0	0	1	1
442871	PL.20306	B	Consumer	7.34Y	122.3	0.00	3.73	0.04	0	0	0	100	0.00	0.0	4.781	0.000	0	0	1	1
442874	PL.20306	B	Consumer	7.34Y	122.3	0.00	3.73	0.86	0	6	2	95	0.00	0.0	4.781	0.000	6	2	1	1
442893	PL.12230	B	Consumer	7.34Y	122.3	0.00	3.68	0.28	0	2	1	89	0.00	0.0	4.545	0.000	2	1	1	1
442852	PL.12230	B	Consumer	7.34Y	122.3	0.00	3.68	0.95	0	7	2	96	0.00	0.0	4.545	0.000	7	2	1	1
442865	PL.12230	B	Consumer	7.34Y	122.3	0.00	3.68	0.22	0	1	1	71	0.00	0.0	4.545	0.000	1	1	1	1
PL.12227	PL.20303	A	4ACSR	7.38Y	123.1	0.00	2.92	4.58	2	31	13	92	0.00	0.0	4.512	0.006	0	0	0	6
PD.975	PL.12227	A	fuse6AMP	7.38Y	123.1	0.00	2.92	4.58	78	31	13	92	0.00	0.0	4.512	0.000	0	0	0	6
PL.12228	PD.975	A	4ACSR	7.38Y	123.1	0.01	2.94	4.58	2	31	13	92	0.00	0.0	4.583	0.071	0	0	0	6
PL.23330	PL.12228	A	4ACSR	7.38Y	123.1	0.01	2.95	4.03	2	27	12	91	0.00	0.0	4.620	0.038	0	0	0	4
442855	PL.23330	A	Consumer	7.38Y	123.1	0.00	2.95	0.70	0	5	2	93	0.00	0.0	4.620	0.000	5	2	1	1
442859	PL.23330	A	Consumer	7.38Y	123.1	0.00	2.95	0.62	0	4	1	97	0.00	0.0	4.620	0.000	4	1	1	1
442860	PL.23330	A	Consumer	7.38Y	123.1	0.00	2.95	2.73	0	18	9	89	0.00	0.0	4.620	0.000	18	9	1	1
442868	PL.23330	A	Consumer	7.38Y	123.1	0.00	2.95	0.00	0	0	0	100	0.00	0.0	4.620	0.000	0	0	1	1
PL.6791	PL.12228	A	4ACSR	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.646	0.063	0	0	0	0
442802	PL.6791	A	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.646	0.000	0	0	0	0
442834	PL.6791	A	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.646	0.000	0	0	0	0
PL.23334	PL.6791	A	4ACSR	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.698	0.052	0	0	0	0
442887	PL.23334	A	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.698	0.000	0	0	0	0
PL.6790	PL.6791	A	4ACSR	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.697	0.051	0	0	0	0
442891	PL.12228	A	Consumer	7.38Y	123.1	0.00	2.94	0.55	0	4	1	97	0.00	0.0	4.583	0.000	4	1	1	1
442866	PL.12228	A	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.583	0.000	0	0	1	1
442857	PL.12228	A	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.583	0.000	0	0	0	0
442872	PL.12228	A	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.583	0.000	0	0	0	0
442804	PL.20303	A	Consumer	7.38Y	123.1	0.00	2.92	0.02	0	0	0	100	0.00	0.0	4.506	0.000	0	0	1	1
442873	PL.20303	A	Consumer	7.38Y	123.1	0.00	2.92	0.41	0	3	1	95	0.00	0.0	4.506	0.000	3	1	1	1
PL.20300	PL.22764	C	4ACSR	7.31Y	121.8	0.00	4.18	1.19	1	8	3	94	0.00	0.0	4.119	0.009	0	0	0	1
PD.2672	PL.20300	C	fuse6AMP	7.31Y	121.8	0.00	4.18	1.19	20	8	3	94	0.00	0.0	4.119	0.000	0	0	0	1
PL.20301	PD.2672	C	4ACSR	7.31Y	121.8	0.00	4.18	1.19	1	8	3	94	0.00	0.0	4.182	0.063	0	0	0	1
442885	PL.20301	C	Consumer	7.31Y	121.8	0.00	4.18	1.19	0	8	3	94	0.00	0.0	4.182	0.000	8	3	1	1
PL.12221	PL.20298	A	4ACSR	7.44Y	123.9	0.00	2.07	5.60	3	40	12	96	0.00	0.0	3.854	0.007	0	0	0	10
C PD.988	PL.12221	A	fuse6AMP	7.44Y	123.9	0.00	2.07	5.60	96	40	12	96	0.00	0.0	3.854	0.000	0	0	0	10 C
PL.12222	PD.988	A	4ACSR	7.43Y	123.9	0.03	2.10	5.60	3	40	12	96	0.01	0.0	3.954	0.100	0	0	0	10
443804	PL.12222	A	Consumer	7.43Y	123.9	0.00	2.10	0.24	0	2	1	89	0.00	0.0	3.954	0.000	2	1	1	1
443860	PL.12222	A	Consumer	7.43Y	123.9	0.00	2.10	0.85	0	6	2	95	0.00	0.0	3.954	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.33051	PL.12222	A	4ACSR	7.43Y	123.9	0.03	2.13	4.50	2	32	10	95	0.01	0.0	4.103	0.149	0	0	0	8
443835	PL.33051	A	Consumer	7.43Y	123.9	0.00	2.13	1.29	0	9	3	95	0.00	0.0	4.103	0.000	9	3	1	1
443818	PL.33051	A	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	4.103	0.000	0	0	0	0
443817	PL.33051	A	Consumer	7.43Y	123.9	0.00	2.13	0.29	0	2	1	89	0.00	0.0	4.103	0.000	2	1	1	1
PL.28011	PL.33051	A	4ACSR	7.43Y	123.9	0.01	2.14	2.70	1	19	6	95	0.00	0.0	4.180	0.077	0	0	0	5
PL.12223	PL.28011	A	4ACSR	7.43Y	123.9	0.00	2.14	2.70	1	19	6	95	0.00	0.0	4.182	0.002	0	0	0	5
PL.12224	PL.12223	A	4ACSR	7.43Y	123.9	0.01	2.14	1.62	1	11	4	94	0.00	0.0	4.277	0.095	0	0	0	3
443849	PL.12224	A	Consumer	7.43Y	123.9	0.00	2.14	0.60	0	4	1	97	0.00	0.0	4.277	0.000	4	1	1	1
443812	PL.12224	A	Consumer	7.43Y	123.9	0.00	2.14	0.23	0	2	1	89	0.00	0.0	4.277	0.000	2	1	1	1
443815	PL.12224	A	Consumer	7.43Y	123.9	0.00	2.14	0.79	0	6	2	95	0.00	0.0	4.277	0.000	6	2	1	1
443809	PL.12223	A	Consumer	7.43Y	123.9	0.00	2.14	0.02	0	0	0	100	0.00	0.0	4.182	0.000	0	0	1	1
443826	PL.12223	A	Consumer	7.43Y	123.9	0.00	2.14	1.07	0	8	2	97	0.00	0.0	4.182	0.000	8	2	1	1
PL.33052	PL.33051	A	4ACSR	7.43Y	123.9	0.00	2.13	0.22	0	2	0	100	0.00	0.0	4.140	0.037	0	0	0	1
443842	PL.33052	A	Consumer	7.43Y	123.9	0.00	2.13	0.22	0	2	0	100	0.00	0.0	4.140	0.000	2	0	1	1
PL.12218	PL.12217	A	336ACSR	7.45Y	124.2	-0.00	1.85	29.31	4	208	66	95	0.04	0.0	3.711	0.012	0	0	0	41
		B		7.34Y	122.4	0.01	3.60	58.84	8	411	132	95					0	0	0	86
		C		7.31Y	121.9	0.01	4.12	85.01	12	589	200	95					0	0	0	116
PL.42708	PL.12218	A	336ACSR	7.45Y	124.2	-0.00	1.84	29.31	4	208	66	95	0.12	0.0	3.745	0.034	0	0	0	41
		B		7.34Y	122.4	0.02	3.63	58.84	8	411	132	95					0	0	0	86
		C		7.31Y	121.9	0.02	4.15	85.01	12	589	200	95					0	0	0	116
C PD.8132	PL.42708	A	25E	7.45Y	124.2	0.00	1.84	29.31	117	208	66	95	0.00	0.0	3.745	0.000	0	0	0	41 C
C		B		7.34Y	122.4	0.00	3.63	58.84	235	411	132	95					0	0	0	86 C
C		C		7.31Y	121.9	0.00	4.15	85.01	340	589	199	95					0	0	0	116 C
PL.42709	PD.8132	A	336ACSR	7.45Y	124.2	-0.00	1.84	29.31	4	208	66	95	0.07	0.0	3.765	0.020	0	0	0	41
		B		7.34Y	122.4	0.01	3.64	58.84	8	411	132	95					0	0	0	86
		C		7.31Y	121.8	0.01	4.16	85.01	12	589	199	95					0	0	0	116
PL.37904	PL.42709	A	4ACSR	7.45Y	124.2	0.00	1.85	2.16	1	15	5	95	0.00	0.0	3.799	0.035	0	0	0	3
4438073	PL.37904	A	Consumer	7.45Y	124.2	0.00	1.85	1.45	0	10	3	96	0.00	0.0	3.799	0.000	10	3	1	1
PL.37905	PL.37904	A	4ACSR	7.45Y	124.2	0.00	1.85	0.70	0	5	2	93	0.00	0.0	3.818	0.018	0	0	0	2
PL.23500	PL.37905	A	4ACSR	7.45Y	124.2	0.00	1.85	0.70	0	5	2	93	0.00	0.0	3.849	0.031	0	0	0	2
443845	PL.23500	A	Consumer	7.45Y	124.2	0.00	1.85	0.07	0	0	0	100	0.00	0.0	3.849	0.000	0	0	1	1
443868	PL.23500	A	Consumer	7.45Y	124.2	0.00	1.85	0.64	0	5	1	98	0.00	0.0	3.849	0.000	5	1	1	1
PL.12220	PL.42709	A	336ACSR	7.45Y	124.2	-0.00	1.84	27.15	4	193	61	95	0.08	0.0	3.787	0.023	0	0	0	38
		B		7.34Y	122.3	0.02	3.66	58.84	8	411	132	95					0	0	0	86
		C		7.31Y	121.8	0.02	4.18	85.01	12	589	199	95					0	0	0	116
PL.42704	PL.12220	A	4ACSR	7.45Y	124.2	0.00	1.85	27.15	14	193	61	95	0.01	0.0	3.791	0.003	0	0	0	38
PD.8130-A	PL.42704	A	Closed	7.45Y	124.2	0.00	1.85	27.15	0	193	61	95	0.00	0.0	3.791	0.000	0	0	0	38
PD.8130-B	PD.8130-A	A	Closed	7.45Y	124.2	0.00	1.85	27.15	0	193	61	95	0.00	0.0	3.791	0.000	0	0	0	38
PL.42705	PD.8130-B	A	4ACSR	7.45Y	124.1	0.03	1.88	27.15	14	193	61	95	0.05	0.0	3.817	0.026	0	0	0	38
PD.8131-A	PL.42705	A	Closed	7.45Y	124.1	0.00	1.88	27.15	0	193	61	95	0.00	0.0	3.817	0.000	0	0	0	38
PD.8131-B	PD.8131-A	A	Closed	7.45Y	124.1	0.00	1.88	27.15	0	193	61	95	0.00	0.0	3.817	0.000	0	0	0	38
PL.13208	PD.8131-B	A	4ACSR	7.44Y	124.0	0.11	1.99	27.15	14	193	61	95	0.16	0.1	3.906	0.089	0	0	0	38
443909	PL.13208	A	Consumer	7.44Y	124.0	0.00	1.99	0.84	0	6	2	95	0.00	0.0	3.906	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts					KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	Length (mi)						KW	KVAR	Cons On	Cons Thru
443908	PL.13208	A	Consumer	7.44Y	124.0	0.00	1.99	2.20	0	16	5	95	0.00	0.0	3.906	0.000	16	5	1	1
PL.13209	PL.13208	A	4ACSR	7.44Y	124.0	0.05	2.04	24.11	12	171	54	95	0.07	0.0	3.953	0.047	0	0	0	36
PL.42736	PL.13209	A	4ACSR	7.41Y	123.5	0.42	2.46	21.76	11	154	49	95	0.48	0.3	4.378	0.425	0	0	0	33
PD.8553-A	PL.42736	A	Closed	7.41Y	123.5	0.00	2.46	21.76	0	154	48	95	0.00	0.0	4.378	0.000	0	0	0	33
PD.8553-B	PD.8553-A	A	Closed	7.41Y	123.5	0.00	2.46	21.76	0	154	48	95	0.00	0.0	4.378	0.000	0	0	0	33
PL.42737	PD.8553-B	A	4ACSR	7.41Y	123.5	0.03	2.48	21.76	11	154	48	95	0.03	0.0	4.405	0.027	0	0	0	33
PL.13362	PL.42737	A	4ACSR	7.40Y	123.3	0.26	2.74	20.36	10	144	45	95	0.28	0.2	4.689	0.284	0	0	0	31
PL.42732	PL.13362	A	4ACSR	7.40Y	123.3	0.00	2.74	1.77	1	12	4	95	0.00	0.0	4.692	0.004	0	0	0	1
PD.8551	PL.42732	A	fuse6AMP	7.40Y	123.3	0.00	2.74	1.77	30	12	4	95	0.00	0.0	4.692	0.000	0	0	0	1
PL.42733	PD.8551	A	4ACSR	7.40Y	123.3	0.00	2.75	1.77	1	12	4	95	0.00	0.0	4.734	0.042	0	0	0	1
443912	PL.42733	A	Consumer	7.40Y	123.3	0.00	2.75	1.77	0	12	4	95	0.00	0.0	4.734	0.000	12	4	1	1
PL.13171	PL.13362	A	4ACSR	7.39Y	123.2	0.04	2.79	18.59	10	131	41	95	0.04	0.0	4.739	0.050	0	0	0	30
PL.13170	PL.13171	A	4ACSR	7.39Y	123.1	0.10	2.88	16.12	8	114	36	95	0.08	0.1	4.871	0.133	0	0	0	29
C PD.8549	PL.13170	A	fuse6AMP	7.39Y	123.1	0.00	2.88	16.12	275	114	36	95	0.00	0.0	4.871	0.000	0	0	0	29 C
PL.13173	PD.8549	A	4ACSR	7.39Y	123.1	0.03	2.92	15.21	8	107	34	95	0.03	0.0	4.920	0.049	0	0	0	28
PL.13175	PL.13173	A	4ACSR	7.38Y	123.0	0.12	3.04	14.55	7	102	32	95	0.10	0.1	5.110	0.190	0	0	0	27
PL.41486	PL.13175	A	4ACSR	7.38Y	122.9	0.04	3.08	14.55	7	102	32	95	0.03	0.0	5.169	0.059	0	0	0	27
PL.42727	PL.41486	A	4ACSR	7.37Y	122.9	0.04	3.12	14.55	7	102	32	95	0.03	0.0	5.225	0.056	0	0	0	27
PD.8547-A	PL.42727	A	Closed	7.37Y	122.9	0.00	3.12	14.55	0	102	32	95	0.00	0.0	5.225	0.000	0	0	0	27
PD.8547-B	PD.8547-A	A	Closed	7.37Y	122.9	0.00	3.12	14.55	0	102	32	95	0.00	0.0	5.225	0.000	0	0	0	27
PL.42726	PD.8547-B	A	4ACSR	7.36Y	122.6	0.29	3.41	14.55	7	102	32	95	0.23	0.2	5.671	0.446	0	0	0	27
PL.42724	PL.42726	A	4ACSR	7.36Y	122.6	0.00	3.41	0.34	0	2	1	89	0.00	0.0	5.677	0.006	0	0	0	2
PD.8546	PL.42724	A	fuse6AMP	7.36Y	122.6	0.00	3.41	0.34	6	2	1	89	0.00	0.0	5.677	0.000	0	0	0	2
PL.42725	PD.8546	A	4ACSR	7.36Y	122.6	0.00	3.41	0.34	0	2	1	89	0.00	0.0	5.761	0.084	0	0	0	2
453233	PL.42725	A	Consumer	7.36Y	122.6	0.00	3.41	0.00	0	0	0	100	0.00	0.0	5.761	0.000	0	0	1	1
453219	PL.42725	A	Consumer	7.36Y	122.6	0.00	3.41	0.33	0	2	1	89	0.00	0.0	5.761	0.000	2	1	1	1
PL.32755	PL.42726	A	4ACSR	7.35Y	122.5	0.10	3.51	14.21	7	100	31	96	0.08	0.1	5.832	0.161	0	0	0	25
PL.42722	PL.32755	A	4ACSR	7.35Y	122.5	0.00	3.51	1.37	1	10	3	96	0.00	0.0	5.836	0.003	0	0	0	1
PD.8545	PL.42722	A	fuse6AMP	7.35Y	122.5	0.00	3.51	1.37	23	10	3	96	0.00	0.0	5.836	0.000	0	0	0	1
PL.42723	PD.8545	A	4ACSR	7.35Y	122.5	0.00	3.52	1.37	1	10	3	96	0.00	0.0	5.867	0.031	0	0	0	1
4532043	PL.42723	A	Consumer	7.35Y	122.5	0.00	3.52	1.37	0	10	3	96	0.00	0.0	5.867	0.000	10	3	1	1
PL.42721	PL.32755	A	4ACSR	7.35Y	122.5	0.02	3.53	12.84	7	90	28	95	0.01	0.0	5.867	0.035	0	0	0	24
PD.8544-A	PL.42721	A	Closed	7.35Y	122.5	0.00	3.53	12.84	0	90	28	95	0.00	0.0	5.867	0.000	0	0	0	24
PD.8544-B	PD.8544-A	A	Closed	7.35Y	122.5	0.00	3.53	12.84	0	90	28	95	0.00	0.0	5.867	0.000	0	0	0	24
PL.42720	PD.8544-B	A	4ACSR	7.35Y	122.5	0.01	3.54	12.84	7	90	28	95	0.01	0.0	5.882	0.015	0	0	0	24
PL.13572	PL.42720	A	4ACSR	7.35Y	122.4	0.04	3.58	12.84	7	90	28	95	0.02	0.0	5.943	0.061	0	0	0	23
453220	PL.13572	A	Consumer	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	5.943	0.000	0	0	0	0
PL.13571	PL.13572	A	4ACSR	7.34Y	122.4	0.02	3.60	12.10	6	85	27	95	0.01	0.0	5.980	0.037	0	0	0	21

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.13038	PL.13571	A	4ACSR	7.34Y	122.4	0.02	3.61	8.31	4	58	18	96	0.01	0.0	6.023	0.043	0	0	0	12
PL.6986	PL.13038	A	4ACSR	7.34Y	122.4	0.02	3.64	7.17	4	50	16	95	0.01	0.0	6.090	0.067	0	0	0	11
453230	PL.6986	A	Consumer	7.34Y	122.4	0.00	3.64	0.29	0	2	1	89	0.00	0.0	6.090	0.000	2	1	1	1
453236	PL.6986	A	Consumer	7.34Y	122.4	0.00	3.64	1.38	0	10	3	96	0.00	0.0	6.090	0.000	10	3	1	1
PL.42717	PL.6986	A	4ACSR	7.34Y	122.3	0.02	3.66	5.50	3	39	12	96	0.01	0.0	6.179	0.089	0	0	0	9
PD.8541-A	PL.42717	A	Closed	7.34Y	122.3	0.00	3.66	5.50	0	38	12	95	0.00	0.0	6.179	0.000	0	0	0	9
PD.8541-B	PD.8541-A	A	Closed	7.34Y	122.3	0.00	3.66	5.50	0	38	12	95	0.00	0.0	6.179	0.000	0	0	0	9
PL.42716	PD.8541-B	A	4ACSR	7.34Y	122.3	0.00	3.66	5.50	3	38	12	95	0.00	0.0	6.189	0.010	0	0	0	9
PL.42714	PL.42716	A	4ACSR	7.34Y	122.3	0.00	3.66	0.87	0	6	2	95	0.00	0.0	6.194	0.005	0	0	0	2
PD.8540-A	PL.42714	A	Closed	7.34Y	122.3	0.00	3.66	0.87	0	6	2	95	0.00	0.0	6.194	0.000	0	0	0	2
PD.8540-B	PD.8540-A	A	Closed	7.34Y	122.3	0.00	3.66	0.87	0	6	2	95	0.00	0.0	6.194	0.000	0	0	0	2
PL.42715	PD.8540-B	A	4ACSR	7.34Y	122.3	0.00	3.67	0.87	0	6	2	95	0.00	0.0	6.295	0.102	0	0	0	2
PL.40861	PL.42715	A	2ACSR	7.34Y	122.3	0.00	3.67	0.03	0	0	0	100	0.00	0.0	6.358	0.063	0	0	0	1
4532044	PL.40861	A	Consumer	7.34Y	122.3	0.00	3.67	0.03	0	0	0	100	0.00	0.0	6.358	0.000	0	0	1	1
PL.40863	PL.42715	A	4ACSR	7.34Y	122.3	0.00	3.67	0.84	0	6	2	95	0.00	0.0	6.346	0.050	0	0	0	1
PL.45154	PL.40863	A	4ACSR	7.34Y	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	6.456	0.110	0	0	0	0
4532045	PL.45154	A	Consumer	7.34Y	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	6.456	0.000	0	0	0	0
PL.23075	PL.40863	A	4ACSR	7.34Y	122.3	0.00	3.67	0.84	0	6	2	95	0.00	0.0	6.409	0.063	0	0	0	1
PL.20441	PL.23075	A	4ACSR	7.34Y	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	6.460	0.052	0	0	0	0
PL.20442	PL.20441	A	4ACSR	7.34Y	122.3	0.00	3.67	0.00	0	0	0	100	0.00	0.0	6.667	0.206	0	0	0	0
453237	PL.23075	A	Consumer	7.34Y	122.3	0.00	3.67	0.84	0	6	2	95	0.00	0.0	6.409	0.000	6	2	1	1
PL.6989	PL.42716	A	4ACSR	7.34Y	122.3	0.03	3.69	4.53	2	32	10	95	0.01	0.0	6.323	0.134	0	0	0	6
453217	PL.6989	A	Consumer	7.34Y	122.3	0.00	3.69	0.82	0	6	2	95	0.00	0.0	6.323	0.000	6	2	1	1
453228	PL.6989	A	Consumer	7.34Y	122.3	0.00	3.69	0.00	0	0	0	100	0.00	0.0	6.323	0.000	0	0	0	0
PL.32758	PL.6989	A	4ACSR	7.34Y	122.3	0.02	3.71	3.71	2	26	8	96	0.00	0.0	6.451	0.127	0	0	0	5
PL.32757	PL.32758	A	4ACSR	7.34Y	122.3	0.00	3.71	3.71	2	26	8	96	0.00	0.0	6.477	0.026	0	0	0	5
PL.6983	PL.32757	A	4ACSR	7.34Y	122.3	0.01	3.73	3.71	2	26	8	96	0.00	0.0	6.554	0.077	0	0	0	5
453313	PL.6983	A	Consumer	7.34Y	122.3	0.00	3.73	0.63	0	4	1	97	0.00	0.0	6.554	0.000	4	1	1	1
PL.6982	PL.6983	A	4ACSR	7.34Y	122.3	0.00	3.73	3.08	2	22	7	95	0.00	0.0	6.585	0.032	0	0	0	4
453314	PL.6982	A	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	6.585	0.000	0	0	0	0
453308	PL.6982	A	Consumer	7.34Y	122.3	0.00	3.73	1.45	0	10	3	96	0.00	0.0	6.585	0.000	10	3	1	1
PL.23013	PL.6982	A	4ACSR	7.34Y	122.3	0.00	3.74	1.64	1	11	4	94	0.00	0.0	6.643	0.057	0	0	0	3
453312	PL.23013	A	Consumer	7.34Y	122.3	0.00	3.74	0.00	0	0	0	100	0.00	0.0	6.643	0.000	0	0	0	0
453319	PL.23013	A	Consumer	7.34Y	122.3	0.00	3.74	0.51	0	4	1	97	0.00	0.0	6.643	0.000	4	1	1	1
453203	PL.23013	A	Consumer	7.34Y	122.3	0.00	3.74	0.52	0	4	1	97	0.00	0.0	6.643	0.000	4	1	1	1
453210	PL.23013	A	Consumer	7.34Y	122.3	0.00	3.74	0.61	0	4	1	97	0.00	0.0	6.643	0.000	4	1	1	1
PL.41488	PL.6982	A	4ACSR	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	6.611	0.025	0	0	0	0
PD.7453-B	PL.41488	A	Open	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	6.611	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for units displayed in volts and base voltage.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 443910, PL.13174, 443911, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

10/22/2007 09:26 Page 60

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
RG.15 C	PL.28135	B	1ph-100A-7	7.56Y	126.0	-4.57	0.00	53.50	54	371	120	95	percent Boost=	3.76	Tap=	6.0				77		
		C		7.56Y	126.0	-5.19	0.00	83.82	84	576	193	95	percent Boost=	4.30	Tap=	6.9				C		
PL.28136	RG.15	B	4ACSR	7.52Y	125.3	0.72	0.72	51.56	27	371	120	95	5.77	0.6	4.377	0.279	0	0	0	77		
		C		7.51Y	125.1	0.87	0.87	80.37	41	576	193	95					0	0	0	115		
PL.13428	PL.28136	B	4ACSR	7.50Y	125.0	0.30	1.02	51.56	27	369	119	95	2.40	0.3	4.493	0.116	0	0	0	77		
		C		7.49Y	124.8	0.36	1.24	80.17	41	571	190	95					0	0	0	114		
PL.42696	PL.13428	B	4ACSR	7.49Y	124.8	0.15	1.17	48.88	25	349	113	95	1.25	0.1	4.555	0.063	0	0	0	74		
		C		7.47Y	124.6	0.20	1.44	80.17	41	569	189	95					0	0	0	114		
PD.8126-A	PL.42696	B	Closed	7.49Y	124.8	0.00	1.17	48.88	0	348	113	95	0.00	0.0	4.555	0.000	0	0	0	74		
		C		7.47Y	124.6	0.00	1.44	80.17	0	569	189	95					0	0	0	114		
PD.8126-B	PD.8126-A	B	Closed	7.49Y	124.8	0.00	1.17	48.88	0	348	113	95	0.00	0.0	4.555	0.000	0	0	0	74		
		C		7.47Y	124.6	0.00	1.44	80.17	0	569	189	95					0	0	0	114		
PL.42697	PD.8126-B	B	4ACSR	7.49Y	124.8	0.01	1.18	48.88	25	348	113	95	0.07	0.0	4.559	0.004	0	0	0	74		
		C		7.47Y	124.6	0.01	1.45	80.17	41	569	189	95					0	0	0	114		
PL.42694	PL.42697	C	4ACSR	7.47Y	124.6	0.00	1.45	1.99	1	14	4	96	0.00	0.0	4.563	0.004	0	0	0	3		
PD.8125	PL.42694	C	fuse6AMP	7.47Y	124.6	0.00	1.45	1.99	34	14	4	96	0.00	0.0	4.563	0.000	0	0	0	3		
PL.42695	PD.8125	C	4ACSR	7.47Y	124.5	0.01	1.45	1.99	1	14	4	96	0.00	0.0	4.640	0.077	0	0	0	3		
PL.2567	PL.42695	C	4ACSR	7.47Y	124.5	0.00	1.46	0.24	0	2	1	89	0.00	0.0	4.765	0.125	0	0	0	1		
PL.2566	PL.2567	C	4ACSR	7.47Y	124.5	0.00	1.46	0.24	0	2	1	89	0.00	0.0	4.831	0.066	0	0	0	1		
444940	PL.2566	C	Consumer	7.47Y	124.5	0.00	1.46	0.24	0	2	1	89	0.00	0.0	4.831	0.000	2	1	1	1		
PL.2584	PL.42695	C	4ACSR	7.47Y	124.5	0.00	1.46	1.56	1	11	3	96	0.00	0.0	4.674	0.034	0	0	0	1		
444955	PL.2584	C	Consumer	7.47Y	124.5	0.00	1.46	1.56	0	11	3	96	0.00	0.0	4.674	0.000	11	3	1	1		
444903	PL.42695	C	Consumer	7.47Y	124.5	0.00	1.45	0.19	0	1	0	100	0.00	0.0	4.640	0.000	1	0	1	1		
PL.13430	PL.42697	B	4ACSR	7.46Y	124.4	0.43	1.60	48.88	25	348	113	95	3.36	0.4	4.733	0.174	0	0	0	74		
		C		7.44Y	124.0	0.53	1.98	78.18	40	554	184	95					0	0	0	111		
PL.6877	PL.13430	B	4ACSR	7.46Y	124.3	0.10	1.70	48.88	25	347	112	95	0.81	0.1	4.775	0.042	0	0	0	74		
		C		7.43Y	123.9	0.13	2.11	78.18	40	552	183	95					0	0	0	111		
444905	PL.6877	C	Consumer	7.43Y	123.9	0.00	2.11	0.69	0	5	2	93	0.00	0.0	4.775	0.000	5	2	1	1		
PL.6873	PL.6877	B	4ACSR	7.46Y	124.3	0.04	1.74	48.88	25	347	112	95	0.32	0.0	4.791	0.017	0	0	0	74		
		C		7.43Y	123.8	0.05	2.16	77.49	40	547	181	95					0	0	0	110		
PL.32719	PL.6873	B	4ACSR	7.44Y	124.0	0.26	2.00	47.79	25	339	110	95	1.99	0.2	4.898	0.107	0	0	0	70		
		C		7.41Y	123.5	0.32	2.48	76.76	40	541	179	95					0	0	0	109		
PL.32720	PL.32719	B	4ACSR	7.44Y	123.9	0.08	2.08	47.79	25	338	110	95	0.63	0.1	4.933	0.034	0	0	0	70		
		C		7.41Y	123.4	0.10	2.58	76.76	40	540	178	95					0	0	0	109		
PL.42688	PL.32720	B	4ACSR	7.43Y	123.9	0.03	2.11	47.79	25	338	110	95	0.23	0.0	4.945	0.012	0	0	0	70		
		C		7.40Y	123.4	0.04	2.62	76.76	40	540	178	95					0	0	0	109		
444904	PL.42688	C	Consumer	7.40Y	123.4	0.00	2.62	0.30	0	2	1	89	0.00	0.0	4.945	0.000	2	1	1	1		
PL.42689	PL.42688	B	4ACSR	7.42Y	123.6	0.27	2.38	47.79	25	338	110	95	2.09	0.2	5.058	0.113	0	0	0	70		
		C		7.38Y	123.0	0.34	2.96	76.45	39	537	177	95					0	0	0	108		
PL.41698	PL.42689	C	1/0EPRJCN	7.38Y	123.0	0.01	2.96	2.17	1	15	4	97	0.00	0.0	5.173	0.115	0	0	0	1		
4449065	PL.41698	C	Consumer	7.38Y	123.0	0.00	2.96	2.19	0	15	5	95	0.00	0.0	5.173	0.000	15	5	1	1		
PL.41700	PL.42689	B	4ACSR	7.39Y	123.2	0.42	2.81	47.79	25	337	110	95	3.16	0.4	5.236	0.178	0	0	0	70		
		C		7.35Y	122.5	0.52	3.47	74.29	38	521	172	95					0	0	0	107		
PL.13159	PL.41700	B	4ACSR	7.38Y	123.0	0.24	3.04	42.90	22	301	98	95	1.78	0.2	5.346	0.109	0	0	0	65		
		C		7.33Y	122.2	0.31	3.79	72.83	38	509	168	95					0	0	0	104		
444907	PL.13159	C	Consumer	7.33Y	122.2	0.00	3.79	0.00	0	0	0	100	0.00	0.0	5.346	0.000	0	0	0	0		

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

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes rows for elements 444942 through PL.44159.

Unbalanced Voltage Drop Report
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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data rows for various elements like PL.6548, PL.6552, etc.

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' with a base voltage of 120.0.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units Displayed In Volts (Accum Drop, Thru Amps, % Cap, Thru KW), KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.6984	PL.13034	C	4ACSR	7.11Y	118.6	0.07	7.42	11.89	6	81	25	96	0.04	0.1	7.890	0.124	0	0	0	18
453332	PL.6984	C	Consumer	7.11Y	118.6	0.00	7.42	0.62	0	4	1	97	0.00	0.0	7.890	0.000	4	1	1	1
453326	PL.6984	C	Consumer	7.11Y	118.6	0.00	7.42	0.00	0	0	0	100	0.00	0.0	7.890	0.000	0	0	0	0
453329	PL.6984	C	Consumer	7.11Y	118.6	0.00	7.42	0.19	0	1	0	100	0.00	0.0	7.890	0.000	1	0	1	1
453325	PL.6984	C	Consumer	7.11Y	118.6	0.00	7.42	0.00	0	0	0	100	0.00	0.0	7.890	0.000	0	0	0	0
453321	PL.6984	C	Consumer	7.11Y	118.6	0.00	7.42	0.00	0	0	0	100	0.00	0.0	7.890	0.000	0	0	0	0
PL.42297	PL.6984	C	4ACSR	7.11Y	118.6	0.02	7.44	11.08	6	75	24	95	0.01	0.0	7.930	0.040	0	0	0	16
PD.7681	PL.42297	C	25E	7.11Y	118.6	0.00	7.44	11.08	44	75	24	95	0.00	0.0	7.930	0.000	0	0	0	16
PL.42298	PD.7681	C	4ACSR	7.11Y	118.5	0.03	7.47	11.08	6	75	24	95	0.02	0.0	7.994	0.065	0	0	0	16
PL.6991	PL.42298	C	4ACSR	7.11Y	118.5	0.01	7.48	10.65	5	72	23	95	0.01	0.0	8.023	0.029	0	0	0	15
PL.6992	PL.6991	C	4ACSR	7.11Y	118.5	0.02	7.50	6.01	3	41	13	95	0.01	0.0	8.095	0.071	0	0	0	11
PL.40624	PL.6992	C	4ACSR	7.11Y	118.5	0.02	7.52	3.62	2	25	8	95	0.00	0.0	8.200	0.106	0	0	0	9
PL.40625	PL.40624	C	4ACSR	7.11Y	118.5	0.01	7.53	3.39	2	23	7	96	0.00	0.0	8.268	0.068	0	0	0	8
453316	PL.40625	C	Consumer	7.11Y	118.5	0.00	7.53	0.38	0	3	1	95	0.00	0.0	8.268	0.000	3	1	1	1
PL.17469	PL.40625	C	4ACSR	7.11Y	118.5	0.01	7.54	3.01	2	20	6	96	0.00	0.0	8.307	0.038	0	0	0	7
PL.42743	PL.17469	C	4ACSR	7.11Y	118.5	0.00	7.54	1.23	1	8	3	94	0.00	0.0	8.312	0.005	0	0	0	2
PD.8556	PL.42743	C	fuse6AMP	7.11Y	118.5	0.00	7.54	1.23	21	8	3	94	0.00	0.0	8.312	0.000	0	0	0	2
PL.42744	PD.8556	C	4ACSR	7.11Y	118.5	0.00	7.54	1.23	1	8	3	94	0.00	0.0	8.345	0.033	0	0	0	2
PL.33061	PL.42744	C	4ACSR	7.11Y	118.5	0.00	7.54	1.20	1	8	3	94	0.00	0.0	8.385	0.040	0	0	0	1
453335	PL.33061	C	Consumer	7.11Y	118.5	0.00	7.54	1.20	0	8	3	94	0.00	0.0	8.385	0.000	8	3	1	1
4533040	PL.42744	C	Consumer	7.11Y	118.5	0.00	7.54	0.03	0	0	0	100	0.00	0.0	8.345	0.000	0	0	1	1
PL.17470	PL.17469	C	4ACSR	7.11Y	118.5	0.00	7.54	1.78	1	12	4	95	0.00	0.0	8.367	0.060	0	0	0	5
PL.42745	PL.17470	C	4ACSR	7.11Y	118.5	0.00	7.54	1.26	1	9	3	95	0.00	0.0	8.372	0.005	0	0	0	1
PD.8557	PL.42745	C	fuse6AMP	7.11Y	118.5	0.00	7.54	1.26	22	9	3	95	0.00	0.0	8.372	0.000	0	0	0	1
PL.42746	PD.8557	C	4ACSR	7.11Y	118.5	0.00	7.55	1.26	1	9	3	95	0.00	0.0	8.448	0.077	0	0	0	1
453334	PL.42746	C	Consumer	7.11Y	118.5	0.00	7.55	1.26	0	9	3	95	0.00	0.0	8.448	0.000	9	3	1	1
PL.6994	PL.17470	C	4ACSR	7.11Y	118.5	0.00	7.54	0.52	0	4	1	97	0.00	0.0	8.429	0.062	0	0	0	4
PL.6540	PL.6994	C	4ACSR	7.11Y	118.5	0.00	7.54	0.52	0	4	1	97	0.00	0.0	8.506	0.077	0	0	0	4
PL.6541	PL.6540	C	4ACSR	7.11Y	118.5	0.00	7.55	0.52	0	4	1	97	0.00	0.0	8.633	0.127	0	0	0	3
452305	PL.6541	C	Consumer	7.11Y	118.5	0.00	7.55	0.11	0	1	0	100	0.00	0.0	8.633	0.000	1	0	1	1
PL.19088	PL.6541	C	4ACSR	7.11Y	118.5	0.00	7.55	0.41	0	3	1	95	0.00	0.0	8.744	0.111	0	0	0	2
PL.45801	PL.19088	C	4ACSR	7.11Y	118.5	0.00	7.55	0.40	0	3	1	95	0.00	0.0	8.772	0.028	0	0	0	1
4523012	PL.45801	C	Consumer	7.11Y	118.5	0.00	7.55	0.00	0	0	0	100	0.00	0.0	8.772	0.000	0	0	0	0
PL.45802	PL.45801	C	4ACSR	7.11Y	118.4	0.00	7.55	0.40	0	3	1	95	0.00	0.0	8.793	0.020	0	0	0	1
PD.8558-A	PL.45802	C	Closed	7.11Y	118.4	0.00	7.55	0.40	0	3	1	95	0.00	0.0	8.793	0.000	0	0	0	1
PD.8558-B	PD.8558-A	C	Closed	7.11Y	118.4	0.00	7.55	0.40	0	3	1	95	0.00	0.0	8.793	0.000	0	0	0	1
PL.42748	PD.8558-B	C	4ACSR	7.11Y	118.4	0.00	7.55	0.40	0	3	1	95	0.00	0.0	8.828	0.035	0	0	0	1
PL.19087	PL.42748	C	4ACSR	7.11Y	118.4	0.00	7.55	0.00	0	0	0	100	0.00	0.0	9.311	0.484	0	0	0	0

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
452309	PL.19087	C	Consumer	7.11Y	118.4	0.00	7.55	0.00	0	0	0	100	0.00	0.0	9.311	0.000	0	0	0	0
452307	PL.42748	C	Consumer	7.11Y	118.4	0.00	7.55	0.40	0	3	1	95	0.00	0.0	8.828	0.000	3	1	1	1
452302	PL.19088	C	Consumer	7.11Y	118.5	0.00	7.55	0.01	0	0	0	100	0.00	0.0	8.744	0.000	0	0	1	1
452310	PL.6540	C	Consumer	7.11Y	118.5	0.00	7.54	0.00	0	0	0	100	0.00	0.0	8.506	0.000	0	0	1	1
PL.40626	PL.40624	C	2ACSR	7.11Y	118.5	0.00	7.52	0.22	0	2	0	100	0.00	0.0	8.205	0.005	0	0	0	1
PD.7239	PL.40626	C	fuse6AMP	7.11Y	118.5	0.00	7.52	0.22	4	2	0	100	0.00	0.0	8.205	0.000	0	0	0	1
PL.40627	PD.7239	C	2ACSR	7.11Y	118.5	0.00	7.52	0.22	0	2	0	100	0.00	0.0	8.262	0.058	0	0	0	1
4533041	PL.40627	C	Consumer	7.11Y	118.5	0.00	7.52	0.22	0	2	0	100	0.00	0.0	8.262	0.000	2	0	1	1
PL.42741	PL.6992	C	4ACSR	7.11Y	118.5	0.00	7.50	2.40	1	16	5	95	0.00	0.0	8.098	0.004	0	0	0	2
PD.8555	PL.42741	C	fuse6AMP	7.11Y	118.5	0.00	7.50	2.40	41	16	5	95	0.00	0.0	8.098	0.000	0	0	0	2
PL.42742	PD.8555	C	4ACSR	7.11Y	118.5	0.00	7.51	2.40	1	16	5	95	0.00	0.0	8.134	0.036	0	0	0	2
453303	PL.42742	C	Consumer	7.11Y	118.5	0.00	7.51	1.34	0	9	3	95	0.00	0.0	8.134	0.000	9	3	1	1
4533039	PL.42742	C	Consumer	7.11Y	118.5	0.00	7.51	1.06	0	7	2	96	0.00	0.0	8.134	0.000	7	2	1	1
453324	PL.6991	C	Consumer	7.11Y	118.5	0.00	7.48	1.08	0	7	2	96	0.00	0.0	8.023	0.000	7	2	1	1
453327	PL.6991	C	Consumer	7.11Y	118.5	0.00	7.48	3.52	0	24	7	96	0.00	0.0	8.023	0.000	10	3	1	2
453328	453327	C	Consumer	7.11Y	118.5	0.00	7.48	2.03	0	14	4	96	0.00	0.0	8.023	0.000	14	4	1	1
453336	PL.6991	C	Consumer	7.11Y	118.5	0.00	7.48	0.03	0	0	0	100	0.00	0.0	8.023	0.000	0	0	1	1
453318	PL.42298	C	Consumer	7.11Y	118.5	0.00	7.47	0.44	0	3	1	95	0.00	0.0	7.994	0.000	3	1	1	1
PL.42739	PL.6984	C	4ACSR	7.11Y	118.6	0.00	7.42	0.00	0	0	0	100	0.00	0.0	7.893	0.004	0	0	0	0
PD.8554	PL.42739	C	fuse6AMP	7.11Y	118.6	0.00	7.42	0.00	0	0	0	100	0.00	0.0	7.893	0.000	0	0	0	0
PL.42740	PD.8554	C	4ACSR	7.11Y	118.6	0.00	7.42	0.00	0	0	0	100	0.00	0.0	7.970	0.076	0	0	0	0
453337	PL.13034	C	Consumer	7.12Y	118.6	0.00	7.35	0.27	0	2	1	89	0.00	0.0	7.766	0.000	2	1	1	1
453239	PL.13035	C	Consumer	7.12Y	118.7	0.00	7.26	0.17	0	1	0	100	0.00	0.0	7.641	0.000	1	0	1	1
453234	PL.13035	C	Consumer	7.12Y	118.7	0.00	7.26	0.89	0	6	2	95	0.00	0.0	7.641	0.000	6	2	1	1
PL.23012	PL.13215	C	4ACSR	7.13Y	118.8	0.01	7.24	1.90	1	13	4	96	0.00	0.0	7.683	0.069	0	0	0	2
453223	PL.23012	C	Consumer	7.13Y	118.8	0.00	7.24	1.18	0	8	3	94	0.00	0.0	7.683	0.000	8	3	1	1
453235	PL.23012	C	Consumer	7.13Y	118.8	0.00	7.24	0.72	0	5	2	93	0.00	0.0	7.683	0.000	5	2	1	1
453222	PL.6979	C	Consumer	7.14Y	119.0	0.00	7.02	0.29	0	2	1	89	0.00	0.0	7.385	0.000	2	1	1	1
454229	PL.6978	C	Consumer	7.15Y	119.1	0.00	6.90	1.29	0	9	3	95	0.00	0.0	7.251	0.000	9	3	1	1
454214	PL.6978	C	Consumer	7.15Y	119.1	0.00	6.90	0.00	0	0	0	100	0.00	0.0	7.251	0.000	0	0	0	0
PL.41711	PL.6978	C	4ACSR	7.15Y	119.1	0.00	6.90	0.45	0	3	1	95	0.00	0.0	7.261	0.010	0	0	0	2
PD.7500	PL.41711	C	fuse6AMP	7.15Y	119.1	0.00	6.90	0.45	8	3	1	95	0.00	0.0	7.261	0.000	0	0	0	2
PL.41712	PD.7500	C	4ACSR	7.15Y	119.1	0.00	6.90	0.45	0	3	1	95	0.00	0.0	7.393	0.132	0	0	0	2
454212	PL.41712	C	Consumer	7.15Y	119.1	0.00	6.90	0.41	0	3	1	95	0.00	0.0	7.393	0.000	3	1	1	1
454218	PL.41712	C	Consumer	7.15Y	119.1	0.00	6.90	0.05	0	0	0	100	0.00	0.0	7.393	0.000	0	0	1	1
454238	PL.13214	C	Consumer	7.17Y	119.5	0.00	6.52	1.35	0	9	3	95	0.00	0.0	6.888	0.000	9	3	1	1
454232	PL.13214	C	Consumer	7.17Y	119.5	0.00	6.52	0.08	0	1	0	100	0.00	0.0	6.888	0.000	1	0	1	1
454205	PL.13214	C	Consumer	7.17Y	119.5	0.00	6.52	1.62	0	11	3	96	0.00	0.0	6.888	0.000	11	3	1	1

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.41709	PL.13213	C	4ACSR	7.18Y	119.6	0.00	6.38	0.52	0	4	1	97	0.00	0.0	6.778	0.007	0	0	0	3
PD.7499	PL.41709	C	fuse6AMP	7.18Y	119.6	0.00	6.38	0.52	9	4	1	97	0.00	0.0	6.778	0.000	0	0	0	3
PL.41710	PD.7499	C	4ACSR	7.18Y	119.6	0.00	6.38	0.52	0	4	1	97	0.00	0.0	6.839	0.061	0	0	0	3
454230	PL.41710	C	Consumer	7.18Y	119.6	0.00	6.38	0.04	0	0	0	100	0.00	0.0	6.839	0.000	0	0	1	2
454235	454230	C	Consumer	7.18Y	119.6	0.00	6.38	0.04	0	0	0	100	0.00	0.0	6.839	0.000	0	0	1	1
454233	PL.41710	C	Consumer	7.18Y	119.6	0.00	6.38	0.47	0	3	1	95	0.00	0.0	6.839	0.000	3	1	1	1
454231	PL.13212	C	Consumer	7.18Y	119.7	0.00	6.29	0.44	0	3	1	95	0.00	0.0	6.695	0.000	3	1	1	1
444931	PL.13033	C	Consumer	7.25Y	120.9	0.00	5.13	0.55	0	4	1	97	0.00	0.0	5.923	0.000	4	1	1	1
444924	PL.13033	C	Consumer	7.25Y	120.9	0.00	5.13	0.00	0	0	0	100	0.00	0.0	5.923	0.000	0	0	0	0
444962	PL.13033	C	Consumer	7.25Y	120.9	0.00	5.13	0.44	0	3	1	95	0.00	0.0	5.923	0.000	3	1	1	1
444916	PL.13033	C	Consumer	7.25Y	120.9	0.00	5.13	0.00	0	0	0	100	0.00	0.0	5.923	0.000	0	0	0	0
444945	PL.13033	C	Consumer	7.25Y	120.9	0.00	5.13	0.41	0	3	1	95	0.00	0.0	5.923	0.000	3	1	1	1
444952	PL.13033	C	Consumer	7.25Y	120.9	0.00	5.13	0.13	0	1	0	100	0.00	0.0	5.923	0.000	1	0	1	1
PL.41701	PL.17907	C	4ACSR	7.26Y	120.9	0.00	5.06	1.37	1	9	3	95	0.00	0.0	5.888	0.007	0	0	0	2
PD.7495	PL.41701	C	fuse6AMP	7.26Y	120.9	0.00	5.06	1.37	23	9	3	95	0.00	0.0	5.888	0.000	0	0	0	2
PL.41702	PD.7495	C	4ACSR	7.26Y	120.9	0.00	5.06	1.37	1	9	3	95	0.00	0.0	5.934	0.047	0	0	0	2
444920	PL.41702	C	Consumer	7.26Y	120.9	0.00	5.06	0.00	0	0	0	100	0.00	0.0	5.934	0.000	0	0	0	0
PL.23296	PL.41702	C	4ACSR	7.26Y	120.9	0.00	5.07	1.37	1	9	3	95	0.00	0.0	5.973	0.038	0	0	0	2
PL.23297	PL.23296	C	4ACSR	7.26Y	120.9	0.00	5.07	0.06	0	0	0	100	0.00	0.0	5.981	0.008	0	0	0	1
PL.23354	PL.23297	C	4ACSR	7.26Y	120.9	0.00	5.07	0.06	0	0	0	100	0.00	0.0	6.054	0.073	0	0	0	1
444933	PL.23354	C	Consumer	7.26Y	120.9	0.00	5.07	0.06	0	0	0	100	0.00	0.0	6.054	0.000	0	0	1	1
PL.23361	PL.23297	C	4ACSR	7.26Y	120.9	0.00	5.07	0.00	0	0	0	100	0.00	0.0	6.011	0.030	0	0	0	0
444964	PL.23361	C	Consumer	7.26Y	120.9	0.00	5.07	0.00	0	0	0	100	0.00	0.0	6.011	0.000	0	0	0	0
444954	PL.23296	C	Consumer	7.26Y	120.9	0.00	5.07	1.31	0	9	3	95	0.00	0.0	5.973	0.000	9	3	1	1
PL.6547	PL.13161	B C	4ACSR	7.34Y 7.28Y	122.3 121.3	0.09 0.06	3.73 4.68	28.78 26.87	15 14	201 186	67 60	95 95	0.22 0.1	0.1	5.705	0.062	0 0	0 0	0 0	46 37
445932	PL.6547	B	Consumer	7.34Y	122.3	0.00	3.73	0.17	0	1	1	71	0.00	0.0	5.705	0.000	1	1	1	1
445921	PL.6547	B	Consumer	7.34Y	122.3	0.00	3.73	1.71	0	12	4	95	0.00	0.0	5.705	0.000	12	4	1	1
PL.13566	PL.6547	B C	4ACSR	7.33Y 7.28Y	122.2 121.3	0.03 0.02	3.76 4.71	26.90 26.87	14 14	187 186	62 60	95 95	0.08 0.0	0.0	5.729	0.024	0 0	0 0	0 0	44 37
445906	PL.13566	B	Consumer	7.33Y	122.2	0.00	3.76	1.60	0	11	4	94	0.00	0.0	5.729	0.000	11	4	1	1
PL.13567	PL.13566	B C	4ACSR	7.33Y 7.27Y	122.1 121.2	0.11 0.09	3.87 4.79	25.29 26.87	13 14	176 186	59 60	95 95	0.28 0.1	0.1	5.819	0.090	0 0	0 0	0 0	43 37
PL.8598	PL.13567	B C	4ACSR	7.32Y 7.27Y	122.0 121.1	0.12 0.10	3.99 4.89	25.29 26.87	13 14	176 186	59 60	95 95	0.31 0.1	0.1	5.921	0.102	0 0	0 0	0 0	43 37
PL.13568	PL.8598	B C	4ACSR	7.32Y 7.26Y	121.9 121.1	0.07 0.06	4.07 4.95	25.29 26.72	13 14	176 185	59 60	95 95	0.18 0.1	0.1	5.981	0.060	0 0	0 0	0 0	43 36
PL.13569	PL.13568	B C	4ACSR	7.31Y 7.26Y	121.9 121.0	0.02 0.02	4.09 4.97	25.28 26.72	13 14	175 185	59 60	95 95	0.06 0.0	0.0	6.000	0.019	0 0	0 0	0 0	42 36
PL.13570	PL.13569	B C	4ACSR	7.31Y 7.26Y	121.8 121.0	0.07 0.06	4.16 5.02	25.22 26.72	13 14	175 185	58 60	95 95	0.19 0.1	0.1	6.061	0.061	0 0	0 0	0 0	41 36

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.13030, PL.45489, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
PL.13032	PL.13031	B	4ACSR	7.31Y	121.8	0.04	4.22	15.51	8	108	34	95	0.11	0.0	6.130	0.051	0	0	0	20
		C		7.25Y	120.9	0.05	5.10	26.72	14	185	60	95					0	0	0	36
PL.6434	PL.13032	B	4ACSR	7.30Y	121.7	0.05	4.28	15.47	8	108	34	95	0.15	0.1	6.201	0.070	0	0	0	18
		C		7.25Y	120.8	0.07	5.17	26.72	14	184	60	95					0	0	0	36
PL.13578	PL.6434	B	4ACSR	7.30Y	121.7	0.03	4.31	15.47	8	108	34	95	0.09	0.0	6.244	0.043	0	0	0	18
		C		7.25Y	120.8	0.05	5.22	26.72	14	184	59	95					0	0	0	36
455205	PL.13578	B	Consumer	7.30Y	121.7	0.00	4.31	2.51	0	18	5	96	0.00	0.0	6.244	0.000	18	5	1	1
455225	PL.13578	B	Consumer	7.30Y	121.7	0.00	4.31	0.60	0	4	1	97	0.00	0.0	6.244	0.000	4	1	1	1
PL.13579	PL.13578	B	4ACSR	7.30Y	121.7	0.03	4.34	12.35	6	86	27	95	0.09	0.0	6.290	0.046	0	0	0	16
		C		7.24Y	120.7	0.05	5.27	26.72	14	184	59	95					0	0	0	36
455249	PL.13579	C	Consumer	7.24Y	120.7	0.00	5.27	0.80	0	6	2	95	0.00	0.0	6.290	0.000	6	2	1	1
PL.40434	PL.13579	B	4ACSR	7.30Y	121.6	0.01	4.35	12.35	6	86	27	95	0.04	0.0	6.310	0.021	0	0	0	16
		C		7.24Y	120.7	0.02	5.29	25.92	13	179	58	95					0	0	0	35
PL.40435	PL.40434	B	4ACSR	7.30Y	121.6	0.00	4.35	8.97	5	62	20	95	0.01	0.0	6.316	0.006	0	0	0	10
		C		7.24Y	120.7	0.01	5.29	22.61	12	156	50	95					0	0	0	32
PL.13573	PL.40435	C	4ACSR	7.24Y	120.7	0.00	5.29	0.00	0	0	0	100	0.00	0.0	6.316	0.000	0	0	0	0
PL.13574	PL.40435	C	4ACSR	7.24Y	120.7	0.01	5.30	22.61	12	156	50	95	0.01	0.0	6.322	0.005	0	0	0	32
PD.3526	PL.13574	C	50L	7.24Y	120.7	0.00	5.30	22.61	45	156	50	95	0.00	0.0	6.322	0.000	0	0	0	32
PL.13580	PD.3526	C	4ACSR	7.24Y	120.6	0.08	5.38	22.61	12	156	50	95	0.10	0.1	6.403	0.081	0	0	0	32
PL.13581	PL.13580	C	4ACSR	7.23Y	120.6	0.04	5.42	21.70	11	149	48	95	0.04	0.0	6.442	0.039	0	0	0	29
455217	PL.13581	C	Consumer	7.23Y	120.6	0.00	5.42	0.13	0	1	0	100	0.00	0.0	6.442	0.000	1	0	1	1
PL.13582	PL.13581	C	4ACSR	7.23Y	120.5	0.07	5.49	21.57	11	148	48	95	0.08	0.1	6.512	0.069	0	0	0	28
455220	PL.13582	C	Consumer	7.23Y	120.5	0.00	5.49	0.77	0	5	2	93	0.00	0.0	6.512	0.000	5	2	1	1
PL.13583	PL.13582	C	4ACSR	7.23Y	120.4	0.08	5.57	20.80	11	143	46	95	0.09	0.1	6.596	0.084	0	0	0	27
455209	PL.13583	C	Consumer	7.23Y	120.4	0.00	5.57	0.30	0	2	1	89	0.00	0.0	6.596	0.000	2	1	1	1
455246	PL.13583	C	Consumer	7.23Y	120.4	0.00	5.57	1.11	0	8	2	97	0.00	0.0	6.596	0.000	8	2	1	1
455228	PL.13583	C	Consumer	7.23Y	120.4	0.00	5.57	0.00	0	0	0	100	0.00	0.0	6.596	0.000	0	0	1	1
PL.13584	PL.13583	C	4ACSR	7.22Y	120.3	0.08	5.65	19.40	10	133	43	95	0.09	0.1	6.691	0.096	0	0	0	24
PL.13585	PL.13584	C	4ACSR	7.22Y	120.3	0.07	5.72	18.35	9	126	41	95	0.07	0.1	6.775	0.084	0	0	0	22
PL.40880	PL.13585	C	4ACSR	7.22Y	120.3	0.00	5.72	1.56	1	11	3	96	0.00	0.0	6.781	0.005	0	0	0	1
PD.7272	PL.40880	C	fuse6AMP	7.22Y	120.3	0.00	5.72	1.56	27	11	3	96	0.00	0.0	6.781	0.000	0	0	0	1
PL.40881	PD.7272	C	4ACSR	7.22Y	120.3	0.00	5.73	1.56	1	11	3	96	0.00	0.0	6.851	0.070	0	0	0	1
455233	PL.40881	C	Consumer	7.22Y	120.3	0.00	5.73	1.56	0	11	3	96	0.00	0.0	6.851	0.000	11	3	1	1
PL.13586	PL.13585	C	4ACSR	7.21Y	120.2	0.06	5.78	16.78	9	115	38	95	0.05	0.0	6.848	0.072	0	0	0	21
455245	PL.13586	C	Consumer	7.21Y	120.2	0.00	5.78	1.38	0	9	3	95	0.00	0.0	6.848	0.000	9	3	1	1
PL.40878	PL.13586	C	4ACSR	7.21Y	120.2	0.00	5.78	3.27	2	23	7	96	0.00	0.0	6.855	0.008	0	0	0	3
PD.7271	PL.40878	C	fuse6AMP	7.21Y	120.2	0.00	5.78	3.27	56	23	7	96	0.00	0.0	6.855	0.000	0	0	0	3
PL.40879	PD.7271	C	4ACSR	7.21Y	120.2	0.01	5.79	3.27	2	23	7	96	0.00	0.0	6.924	0.069	0	0	0	3
PL.23015	PL.40879	C	4ACSR	7.21Y	120.2	0.00	5.79	1.49	1	10	3	96	0.00	0.0	6.962	0.038	0	0	0	1
455237	PL.23015	C	Consumer	7.21Y	120.2	0.00	5.79	1.49	0	10	3	96	0.00	0.0	6.962	0.000	10	3	1	1
PL.22518	PL.40879	C	4ACSR	7.21Y	120.2	0.00	5.79	0.78	0	5	2	93	0.00	0.0	6.995	0.071	0	0	0	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss	
455231	PL.22518	C	Consumer	7.21Y	120.2	0.00	5.79	0.00	0	0	0	0	100	0.00	0.0	6.995	0.000	0	0	0	0
455247	PL.22518	C	Consumer	7.21Y	120.2	0.00	5.79	0.78	0	5	2	93	0.00	0.0	6.995	0.000	5	2	1	1	
455229	PL.40879	C	Consumer	7.21Y	120.2	0.00	5.79	1.01	0	7	2	96	0.00	0.0	6.924	0.000	7	2	1	1	
PL.13587	PL.13586	C	4ACSR	7.21Y	120.2	0.04	5.82	12.13	6	83	28	95	0.02	0.0	6.916	0.069	0	0	0	17	
455253	PL.13587	C	Consumer	7.21Y	120.2	0.00	5.82	0.72	0	5	2	93	0.00	0.0	6.916	0.000	5	2	1	1	
PL.13588	PL.13587	C	4ACSR	7.21Y	120.1	0.06	5.88	11.42	6	78	26	95	0.04	0.0	7.036	0.120	0	0	0	16	
PL.40876	PL.13588	C	4ACSR	7.21Y	120.1	0.00	5.88	1.98	1	14	4	96	0.00	0.0	7.048	0.012	0	0	0	4	
PD.7270	PL.40876	C	fuse6AMP	7.21Y	120.1	0.00	5.88	1.98	34	14	4	96	0.00	0.0	7.048	0.000	0	0	0	4	
PL.40877	PD.7270	C	4ACSR	7.21Y	120.1	0.00	5.88	1.98	1	14	4	96	0.00	0.0	7.089	0.041	0	0	0	4	
4552057	PL.40877	C	Consumer	7.21Y	120.1	0.00	5.88	0.00	0	0	0	100	0.00	0.0	7.089	0.000	0	0	1	1	
PL.22520	PL.40877	C	4ACSR	7.21Y	120.1	0.01	5.89	1.98	1	14	4	96	0.00	0.0	7.213	0.124	0	0	0	3	
PL.23518	PL.22520	C	4ACSR	7.21Y	120.1	0.00	5.89	0.00	0	0	0	100	0.00	0.0	7.362	0.149	0	0	0	1	
4552056	PL.23518	C	Consumer	7.21Y	120.1	0.00	5.89	0.00	0	0	0	100	0.00	0.0	7.362	0.000	0	0	1	1	
455255	PL.23518	C	Consumer	7.21Y	120.1	0.00	5.89	0.00	0	0	0	100	0.00	0.0	7.362	0.000	0	0	0	0	
455239	PL.22520	C	Consumer	7.21Y	120.1	0.00	5.89	0.96	0	7	2	96	0.00	0.0	7.213	0.000	7	2	1	1	
455240	PL.22520	C	Consumer	7.21Y	120.1	0.00	5.89	1.02	0	7	2	96	0.00	0.0	7.213	0.000	7	2	1	1	
455251	PL.13588	C	Consumer	7.21Y	120.1	0.00	5.88	0.02	0	0	0	100	0.00	0.0	7.036	0.000	0	0	1	1	
455230	PL.13588	C	Consumer	7.21Y	120.1	0.00	5.88	1.06	0	7	2	96	0.00	0.0	7.036	0.000	7	2	1	1	
455250	PL.13588	C	Consumer	7.21Y	120.1	0.00	5.88	1.43	0	9	4	91	0.00	0.0	7.036	0.000	9	4	1	1	
PL.7013	PL.13588	C	4ACSR	7.20Y	120.1	0.06	5.94	6.94	4	48	15	95	0.02	0.0	7.235	0.199	0	0	0	9	
PL.13589	PL.7013	C	4ACSR	7.20Y	120.0	0.01	5.95	5.68	3	39	12	96	0.00	0.0	7.289	0.054	0	0	0	8	
PL.13591	PL.13589	C	4ACSR	7.20Y	120.0	0.00	5.96	1.15	1	8	2	97	0.00	0.0	7.310	0.021	0	0	0	1	
PD.1065	PL.13591	C	fuse6AMP	7.20Y	120.0	0.00	5.96	1.15	20	8	2	97	0.00	0.0	7.310	0.000	0	0	0	1	
PL.13592	PD.1065	C	4ACSR	7.20Y	120.0	0.01	5.97	1.15	1	8	2	97	0.00	0.0	7.544	0.234	0	0	0	1	
455252	PL.13592	C	Consumer	7.20Y	120.0	0.00	5.97	1.15	0	8	2	97	0.00	0.0	7.544	0.000	8	2	1	1	
PL.41779	PL.13589	C	4ACSR	7.20Y	120.0	0.02	5.97	4.53	2	31	10	95	0.00	0.0	7.380	0.091	0	0	0	7	
455234	PL.41779	C	Consumer	7.20Y	120.0	0.00	5.97	0.36	0	2	1	89	0.00	0.0	7.380	0.000	2	1	1	1	
PL.13593	PL.41779	C	4ACSR	7.20Y	120.0	0.00	5.97	4.17	2	29	9	96	0.00	0.0	7.391	0.011	0	0	0	6	
PL.13594	PL.13593	C	4ACSR	7.20Y	120.0	0.02	6.00	4.17	2	29	9	96	0.00	0.0	7.502	0.111	0	0	0	6	
455235	PL.13594	C	Consumer	7.20Y	120.0	0.00	6.00	0.49	0	3	1	95	0.00	0.0	7.502	0.000	3	1	1	1	
PL.7011	PL.13594	C	4ACSR	7.20Y	120.0	0.01	6.01	3.68	2	25	8	95	0.00	0.0	7.569	0.067	0	0	0	5	
PL.7012	PL.7011	C	4ACSR	7.20Y	120.0	0.02	6.03	2.37	1	16	5	95	0.00	0.0	7.802	0.233	0	0	0	4	
PL.13598	PL.7012	C	4ACSR	7.20Y	119.9	0.02	6.05	2.37	1	16	5	95	0.00	0.0	7.988	0.187	0	0	0	4	
PL.40874	PL.13598	C	4ACSR	7.20Y	119.9	0.00	6.05	0.45	0	3	1	95	0.00	0.0	7.993	0.005	0	0	0	2	
PD.7269	PL.40874	C	fuse6AMP	7.20Y	119.9	0.00	6.05	0.45	8	3	1	95	0.00	0.0	7.993	0.000	0	0	0	2	
PL.40875	PD.7269	C	4ACSR	7.20Y	119.9	0.00	6.05	0.45	0	3	1	95	0.00	0.0	8.040	0.047	0	0	0	2	
PL.23016	PL.40875	C	4ACSR	7.20Y	119.9	0.00	6.05	0.45	0	3	1	95	0.00	0.0	8.098	0.057	0	0	0	2	
455314	PL.23016	C	Consumer	7.20Y	119.9	0.00	6.05	0.39	0	3	1	95	0.00	0.0	8.098	0.000	3	1	1	1	

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.28655	PL.23016	C	4ACSR	7.20Y	119.9	0.00	6.05	0.06	0	0	0	100	0.00	0.0	8.189	0.091	0	0	0	1
455315	PL.28655	C	Consumer	7.20Y	119.9	0.00	6.05	0.06	0	0	0	100	0.00	0.0	8.189	0.000	0	0	1	1
PL.13597	PL.13598	C	4ACSR	7.20Y	119.9	0.01	6.06	1.91	1	13	4	96	0.00	0.0	8.062	0.073	0	0	0	2
PL.6974	PL.13597	C	4ACSR	7.20Y	119.9	0.00	6.06	0.68	0	5	1	98	0.00	0.0	8.118	0.056	0	0	0	1
PL.40872	PL.6974	C	4ACSR	7.20Y	119.9	0.00	6.06	0.68	0	5	1	98	0.00	0.0	8.122	0.004	0	0	0	1
PD.7268	PL.40872	C	fuse6AMP	7.20Y	119.9	0.00	6.06	0.68	12	5	1	98	0.00	0.0	8.122	0.000	0	0	0	1
PL.40873	PD.7268	C	4ACSR	7.20Y	119.9	0.00	6.06	0.68	0	5	1	98	0.00	0.0	8.178	0.056	0	0	0	1
454305	PL.40873	C	Consumer	7.20Y	119.9	0.00	6.06	0.68	0	5	1	98	0.00	0.0	8.178	0.000	5	1	1	1
PL.13596	PL.6974	C	4ACSR	7.20Y	119.9	0.00	6.06	0.00	0	0	0	100	0.00	0.0	8.136	0.019	0	0	0	0
PD.402-B	PL.13596	C	Open	7.20Y	119.9	0.00	6.06	0.00	0	0	0	100	0.00	0.0	8.136	0.000	0	0	0	0
454306	PL.13597	C	Consumer	7.20Y	119.9	0.00	6.06	1.23	0	8	3	94	0.00	0.0	8.062	0.000	8	3	1	1
454304	PL.13597	C	Consumer	7.20Y	119.9	0.00	6.06	0.00	0	0	0	100	0.00	0.0	8.062	0.000	0	0	0	0
455236	PL.7011	C	Consumer	7.20Y	120.0	0.00	6.01	1.31	0	9	3	95	0.00	0.0	7.569	0.000	9	3	1	1
455244	PL.7013	C	Consumer	7.20Y	120.1	0.00	5.94	1.25	0	9	3	95	0.00	0.0	7.235	0.000	9	3	1	1
4552058	PL.13585	C	Consumer	7.22Y	120.3	0.00	5.72	0.00	0	0	0	100	0.00	0.0	6.775	0.000	0	0	0	0
PL.40882	PL.13584	C	4ACSR	7.22Y	120.3	0.00	5.65	0.48	0	3	1	95	0.00	0.0	6.698	0.007	0	0	0	1
PD.7273	PL.40882	C	fuse6AMP	7.22Y	120.3	0.00	5.65	0.48	8	3	1	95	0.00	0.0	6.698	0.000	0	0	0	1
PL.40883	PD.7273	C	4ACSR	7.22Y	120.3	0.00	5.66	0.48	0	3	1	95	0.00	0.0	6.800	0.101	0	0	0	1
455216	PL.40883	C	Consumer	7.22Y	120.3	0.00	5.66	0.48	0	3	1	95	0.00	0.0	6.800	0.000	3	1	1	1
455218	PL.13584	C	Consumer	7.22Y	120.3	0.00	5.65	0.57	0	4	1	97	0.00	0.0	6.691	0.000	4	1	1	1
455207	PL.13580	C	Consumer	7.24Y	120.6	0.00	5.38	0.36	0	2	1	89	0.00	0.0	6.403	0.000	2	1	1	1
455227	PL.13580	C	Consumer	7.24Y	120.6	0.00	5.38	0.47	0	3	1	95	0.00	0.0	6.403	0.000	3	1	1	1
455224	PL.13580	C	Consumer	7.24Y	120.6	0.00	5.38	0.09	0	1	0	100	0.00	0.0	6.403	0.000	1	0	1	1
PL.41777	PL.40435	B	4ACSR	7.30Y	121.6	0.00	4.36	8.97	5	62	20	95	0.00	0.0	6.325	0.009	0	0	0	10
C PD.7519	PL.41777	B	fuse6AMP	7.30Y	121.6	0.00	4.36	8.97	153	62	20	95	0.00	0.0	6.325	0.000	0	0	0	10 C
PL.41778	PD.7519	B	4ACSR	7.30Y	121.6	0.03	4.39	8.97	5	62	20	95	0.01	0.0	6.399	0.074	0	0	0	10
PL.6432	PL.41778	B	4ACSR	7.30Y	121.6	0.01	4.40	8.97	5	62	20	95	0.01	0.0	6.435	0.036	0	0	0	10
PL.13621	PL.6432	B	4ACSR	7.30Y	121.6	0.01	4.41	8.97	5	62	20	95	0.00	0.0	6.454	0.019	0	0	0	10
PL.13622	PL.13621	B	4ACSR	7.29Y	121.5	0.08	4.49	8.13	4	57	18	95	0.03	0.1	6.661	0.207	0	0	0	9
PL.6431	PL.13622	B	4ACSR	7.29Y	121.4	0.08	4.57	6.86	4	48	15	95	0.03	0.1	6.928	0.268	0	0	0	8
446901	PL.6431	B	Consumer	7.29Y	121.4	0.00	4.57	0.00	0	0	0	100	0.00	0.0	6.928	0.000	0	0	1	1
PL.6430	PL.6431	B	4ACSR	7.28Y	121.4	0.03	4.60	6.86	4	48	15	95	0.01	0.0	7.024	0.096	0	0	0	7
446912	PL.6430	B	Consumer	7.28Y	121.4	0.00	4.60	0.93	0	6	2	95	0.00	0.0	7.024	0.000	6	2	1	1
PL.22542	PL.6430	B	4ACSR	7.28Y	121.4	0.01	4.61	2.42	1	17	5	96	0.00	0.0	7.131	0.106	0	0	0	2
PL.22541	PL.22542	B	4ACSR	7.28Y	121.4	0.00	4.61	1.30	1	9	3	95	0.00	0.0	7.203	0.072	0	0	0	1
446909	PL.22541	B	Consumer	7.28Y	121.4	0.00	4.61	1.30	0	9	3	95	0.00	0.0	7.203	0.000	9	3	1	1
446906	PL.22542	B	Consumer	7.28Y	121.4	0.00	4.61	1.12	0	8	2	97	0.00	0.0	7.131	0.000	8	2	1	1
PL.41302	PL.6430	B	4ACSR	7.28Y	121.4	0.01	4.61	3.50	2	24	8	95	0.00	0.0	7.106	0.082	0	0	0	4

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
446902	PL.41302	B	Consumer	7.28Y	121.4	0.00	4.61	1.28	0	9	3	95	0.00	0.0	7.106	0.000	9	3	1	1
PL.41303	PL.41302	B	4ACSR	7.28Y	121.4	0.01	4.62	2.23	1	15	5	95	0.00	0.0	7.157	0.051	0	0	0	3
PL.13623	PL.41303	B	4ACSR	7.28Y	121.4	0.01	4.62	1.33	1	9	3	95	0.00	0.0	7.261	0.104	0	0	0	1
PL.13624	PL.13623	B	4ACSR	7.28Y	121.4	0.00	4.63	1.33	1	9	3	95	0.00	0.0	7.325	0.064	0	0	0	1
PL.1837	PL.13624	B	4ACSR	7.28Y	121.4	0.01	4.64	1.33	1	9	3	95	0.00	0.0	7.522	0.197	0	0	0	1
456253	PL.1837	B	Consumer	7.28Y	121.4	0.00	4.64	1.33	0	9	3	95	0.00	0.0	7.522	0.000	9	3	1	1
446903	PL.13624	B	Consumer	7.28Y	121.4	0.00	4.63	0.00	0	0	0	100	0.00	0.0	7.325	0.000	0	0	0	0
PL.39193	PL.41303	B	4ACSR	7.28Y	121.4	0.00	4.62	0.90	0	6	2	95	0.00	0.0	7.188	0.031	0	0	0	2
PL.39194	PL.39193	B	4ACSR	7.28Y	121.4	0.00	4.62	0.89	0	6	2	95	0.00	0.0	7.253	0.065	0	0	0	1
4469016	PL.39194	B	Consumer	7.28Y	121.4	0.00	4.62	0.89	0	6	2	95	0.00	0.0	7.253	0.000	6	2	1	1
446904	PL.39193	B	Consumer	7.28Y	121.4	0.00	4.62	0.01	0	0	0	100	0.00	0.0	7.188	0.000	0	0	1	1
445933	PL.13622	B	Consumer	7.29Y	121.5	0.00	4.49	0.00	0	0	0	100	0.00	0.0	6.661	0.000	0	0	0	0
445930	PL.13622	B	Consumer	7.29Y	121.5	0.00	4.49	1.27	0	9	3	95	0.00	0.0	6.661	0.000	9	3	1	1
PL.22540	PL.13621	B	4ACSR	7.30Y	121.6	0.00	4.41	0.84	0	6	2	95	0.00	0.0	6.514	0.060	0	0	0	1
445923	PL.22540	B	Consumer	7.30Y	121.6	0.00	4.41	0.84	0	6	2	95	0.00	0.0	6.514	0.000	6	2	1	1
PL.40433	PL.40434	B C	4ACSR	7.30Y 7.24Y	121.6 120.7	0.01 0.01	4.36 5.30	3.38 3.31	2 2	24 23	7 7	96 95	0.00 0.00	0.0 0.0	6.383	0.073	0 0	0 0	0 0	6 3
PL.13611	PL.40433	B C	4ACSR	7.30Y 7.24Y	121.6 120.7	0.01 0.01	4.38 5.31	2.48 3.31	1 2	17 23	5 7	96 95	0.00 0.00	0.0 0.0	6.494	0.111	0 0	0 0	0 0	4 3
455232	PL.13611	C	Consumer	7.24Y	120.7	0.00	5.31	1.07	0	7	2	96	0.00	0.0	6.494	0.000	7	2	1	1
PL.46035	PL.13611	B C	4ACSR	7.30Y 7.24Y	121.6 120.7	0.02 0.01	4.39 5.32	2.48 1.66	1 1	17 11	5 4	96 95	0.00 0.00	0.0 0.0	6.624	0.130	0 0	0 0	0 0	4 1
PD.8711-A	PL.46035	B C	Closed	7.30Y 7.24Y	121.6 120.7	0.00 0.00	4.39 5.32	2.48 1.66	0 0	17 11	5 4	96 95	0.00 0.00	0.0 0.0	6.624	0.000	0 0	0 0	0 0	4 1
PD.8711-B	PD.8711-A	B C	Closed	7.30Y 7.24Y	121.6 120.7	0.00 0.00	4.39 5.32	2.48 1.66	0 0	17 11	5 4	96 95	0.00 0.00	0.0 0.0	6.624	0.000	0 0	0 0	0 0	4 1
PL.46036	PD.8711-B	B C	4ACSR	7.30Y 7.24Y	121.6 120.7	0.00 0.00	4.40 5.32	2.48 1.66	1 1	17 11	5 4	96 95	0.00 0.00	0.0 0.0	6.653	0.028	0 0	0 0	0 0	4 1
PL.46024	PL.46036	B C	4ACSR	7.30Y 7.24Y	121.6 120.7	0.00 0.00	4.40 5.32	2.48 1.66	1 1	17 11	5 4	96 95	0.00 0.00	0.0 0.0	6.680	0.028	0 0	0 0	0 0	4 1
PL.46022	PL.46024	B C	4ACSR	7.30Y 7.24Y	121.6 120.7	0.00 0.00	4.40 5.32	2.48 1.66	1 1	17 11	5 4	96 95	0.00 0.00	0.0 0.0	6.694	0.013	0 0	0 0	0 0	4 1
PL.13613	PL.46022	B C	4ACSR	7.30Y 7.24Y	121.6 120.7	0.00 0.00	4.40 5.32	2.48 1.66	1 1	17 11	5 4	96 95	0.00 0.00	0.0 0.0	6.703	0.009	0 0	0 0	0 0	4 1
PL.13614	PL.13613	C	4ACSR	7.24Y	120.7	0.00	5.32	1.66	1	11	4	94	0.00	0.0	6.710	0.007	0	0	0	1
PD.1062	PL.13614	C	fuse6AMP	7.24Y	120.7	0.00	5.32	1.66	28	11	4	94	0.00	0.0	6.710	0.000	0	0	0	1
PL.13615	PD.1062	C	4ACSR	7.24Y	120.7	0.00	5.33	1.66	1	11	4	94	0.00	0.0	6.767	0.057	0	0	0	1
455243	PL.13615	C	Consumer	7.24Y	120.7	0.00	5.33	1.66	0	11	4	94	0.00	0.0	6.767	0.000	11	4	1	1
PL.13616	PL.13613	C	4ACSR	7.24Y	120.7	0.00	5.32	0.00	0	0	0	100	0.00	0.0	6.709	0.005	0	0	0	0
PL.13617	PL.13616	C	4ACSR	7.24Y	120.7	0.00	5.32	0.00	0	0	0	100	0.00	0.0	6.718	0.009	0	0	0	0
455241	PL.13617	C	Consumer	7.24Y	120.7	0.00	5.32	0.00	0	0	0	100	0.00	0.0	6.718	0.000	0	0	0	0
PL.13610	PL.13613	B C	4ACSR	7.30Y 7.24Y	121.6 120.7	0.00 -0.00	4.40 5.32	2.48 0.00	1 0	17 0	5 0	96 100	0.00 0.00	0.0 0.0	6.733	0.030	0 0	0 0	0 0	4 0

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
PL.21238	PL.13610	B C	4ACSR	7.30Y 7.24Y	121.6 120.7	0.00 -0.00	4.41 5.32	2.48 0.00	1 0	17 0	5 0	96 100	0.00 0.00	0.00 0.00	6.753 0.020	0 0	0 0	0 0	4 0	
PL.41771	PL.21238	B	4ACSR	7.30Y	121.6	0.00	4.41	1.24	1	9	3	95	0.00	0.00	6.757	0.004	0	0	0	1
PD.7515	PL.41771	B	fuse6AMP	7.30Y	121.6	0.00	4.41	1.24	21	9	3	95	0.00	0.00	6.757	0.000	0	0	0	1
PL.41772	PD.7515	B	4ACSR	7.30Y	121.6	0.00	4.41	1.24	1	9	3	95	0.00	0.00	6.808	0.052	0	0	0	1
455212	PL.41772	B	Consumer	7.30Y	121.6	0.00	4.41	1.24	0	9	3	95	0.00	0.00	6.808	0.000	9	3	1	1
PL.21237	PL.21238	B C	4ACSR	7.30Y 7.24Y	121.6 120.7	0.00 -0.00	4.41 5.32	1.24 0.00	1 0	9 0	3 0	95 100	0.00 0.00	0.00 0.00	6.823 0.070	0 0	0 0	0 0	3 0	
455213	PL.21237	B	Consumer	7.30Y	121.6	0.00	4.41	0.27	0	2	1	89	0.00	0.00	6.823	0.000	2	1	1	1
455226	PL.21237	B	Consumer	7.30Y	121.6	0.00	4.41	0.69	0	5	2	93	0.00	0.00	6.823	0.000	5	2	1	1
PL.13608	PL.21237	B C	4ACSR	7.30Y 7.24Y	121.6 120.7	0.00 -0.00	4.41 5.32	0.27 0.00	0 0	2 0	1 0	89 100	0.00 0.00	0.00 0.00	6.965 0.142	0 0	0 0	0 0	1 0	
PL.13609	PL.13608	B C	4ACSR	7.30Y 7.24Y	121.6 120.7	0.00 0.00	4.41 5.32	0.00 0.00	0 0	0 0	0 0	100 100	0.00 0.00	0.00 0.00	7.095 0.130	0 0	0 0	0 0	0 0	
PL.40888	PL.13609	B C	4ACSR	7.30Y 7.24Y	121.6 120.7	0.00 0.00	4.41 5.32	0.00 0.00	0 0	0 0	0 0	100 100	0.00 0.00	0.00 0.00	7.136 0.041	0 0	0 0	0 0	0 0	
PD.7276-A	PL.40888	B C	Open	7.30Y 7.24Y	121.6 120.7	0.00 0.00	4.41 5.32	0.00 0.00	0 0	0 0	0 0	100 100	0.00 0.00	0.00 0.00	7.136 0.000	0 0	0 0	0 0	0 0	
456233	PL.13609	B C	Consumer	7.30Y 7.24Y	121.6 120.7	0.00 0.00	4.41 5.32	0.00 0.00	0 0	0 0	0 0	100 100	0.00 0.00	0.00 0.00	7.095 0.000	0 0	0 0	0 0	0 0	
456241	PL.13609	C	Consumer	7.24Y	120.7	0.00	5.32	0.00	0	0	0	100	0.00	0.00	7.095	0.000	0	0	0	0
PL.41769	PL.13608	B	4ACSR	7.30Y	121.6	0.00	4.41	0.27	0	2	1	89	0.00	0.00	6.969	0.005	0	0	0	1
PD.7513	PL.41769	B	fuse6AMP	7.30Y	121.6	0.00	4.41	0.27	5	2	1	89	0.00	0.00	6.969	0.000	0	0	0	1
PL.41770	PD.7513	B	4ACSR	7.30Y	121.6	0.00	4.41	0.27	0	2	1	89	0.00	0.00	7.036	0.067	0	0	0	1
PL.22334	PL.41770	B	4ACSR	7.30Y	121.6	0.00	4.42	0.27	0	2	1	89	0.00	0.00	7.211	0.175	0	0	0	1
456222	PL.22334	B	Consumer	7.30Y	121.6	0.00	4.42	0.27	0	2	1	89	0.00	0.00	7.211	0.000	2	1	1	1
456214	PL.41770	B	Consumer	7.30Y	121.6	0.00	4.41	0.00	0	0	0	100	0.00	0.00	7.036	0.000	0	0	0	0
456218	PL.41770	B	Consumer	7.30Y	121.6	0.00	4.41	0.00	0	0	0	100	0.00	0.00	7.036	0.000	0	0	0	0
PL.41775	PL.13611	C	4ACSR	7.24Y	120.7	0.00	5.31	0.58	0	4	1	97	0.00	0.00	6.499	0.005	0	0	0	1
PD.7517	PL.41775	C	fuse6AMP	7.24Y	120.7	0.00	5.31	0.58	10	4	1	97	0.00	0.00	6.499	0.000	0	0	0	1
PL.41776	PD.7517	C	4ACSR	7.24Y	120.7	0.00	5.31	0.58	0	4	1	97	0.00	0.00	6.565	0.067	0	0	0	1
455210	PL.41776	C	Consumer	7.24Y	120.7	0.00	5.31	0.58	0	4	1	97	0.00	0.00	6.565	0.000	4	1	1	1
455222	PL.40433	B	Consumer	7.30Y	121.6	0.00	4.36	0.46	0	3	1	95	0.00	0.00	6.383	0.000	3	1	1	1
455219	PL.40433	B	Consumer	7.30Y	121.6	0.00	4.36	0.45	0	3	1	95	0.00	0.00	6.383	0.000	3	1	1	1
455203	PL.13032	B	Consumer	7.31Y	121.8	0.00	4.22	0.03	0	0	0	100	0.00	0.00	6.130	0.000	0	0	1	1
445908	PL.13032	B	Consumer	7.31Y	121.8	0.00	4.22	0.01	0	0	0	100	0.00	0.00	6.130	0.000	0	0	1	1
445931	PL.13032	B C	Consumer	7.31Y 7.25Y	121.8 120.9	0.00 0.00	4.22 5.10	0.00 0.00	0 0	0 0	0 0	100 100	0.00 0.00	0.00 0.00	6.130 0.000	0 0	0 0	0 0	0 0	
PL.45487	PL.13030	B	4ACSR	7.31Y	121.8	0.00	4.17	0.83	0	6	2	95	0.00	0.00	6.085	0.016	0	0	0	2
PD.1453	PL.45487	B	fuse6AMP	7.31Y	121.8	0.00	4.17	0.83	14	6	2	95	0.00	0.00	6.085	0.000	0	0	0	2
PL.45488	PD.1453	B	4ACSR	7.31Y	121.8	0.00	4.18	0.83	0	6	2	95	0.00	0.00	6.201	0.116	0	0	0	2
445925	PL.45488	B	Consumer	7.31Y	121.8	0.00	4.18	0.06	0	0	0	100	0.00	0.00	6.201	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
445914	PL.45488	B	Consumer	7.31Y	121.8	0.00	4.18	0.76	0	5	2	93	0.00	0.0	6.201	0.000	5	2	1	1
445907	PL.13569	B	Consumer	7.31Y	121.9	0.00	4.09	0.00	0	0	0	100	0.00	0.0	6.000	0.000	0	0	0	0
445912	PL.13569	B	Consumer	7.31Y	121.9	0.00	4.09	0.06	0	0	0	100	0.00	0.0	6.000	0.000	0	0	1	1
445928	PL.13569	B	Consumer	7.31Y	121.9	0.00	4.09	0.00	0	0	0	100	0.00	0.0	6.000	0.000	0	0	0	0
PL.24033	PL.13568	B	4ACSR	7.32Y	121.9	0.00	4.07	0.01	0	0	0	100	0.00	0.0	6.081	0.100	0	0	0	1
445911	PL.24033	B	Consumer	7.32Y	121.9	0.00	4.07	0.01	0	0	0	100	0.00	0.0	6.081	0.000	0	0	1	1
445917	PL.8598	C	Consumer	7.27Y	121.1	0.00	4.89	0.15	0	1	0	100	0.00	0.0	5.921	0.000	1	0	1	1
PD.8118-A	PL.13161	C	Closed	7.28Y	121.4	0.00	4.62	0.00	0	0	0	100	0.00	0.0	5.643	0.000	0	0	0	0
PD.8118-B	PD.8118-A	C	Closed	7.28Y	121.4	0.00	4.62	0.00	0	0	0	100	0.00	0.0	5.643	0.000	0	0	0	0
444947	PD.8118-B	C	Consumer	7.28Y	121.4	0.00	4.62	0.00	0	0	0	100	0.00	0.0	5.643	0.000	0	0	0	0
445916	PL.13161	C	Consumer	7.28Y	121.4	0.00	4.62	0.26	0	2	1	89	0.00	0.0	5.643	0.000	2	1	1	1
PL.42681	PL.41700	C	4ACSR	7.35Y	122.5	0.00	3.47	1.04	1	7	2	96	0.00	0.0	5.240	0.004	0	0	0	1
PD.8121	PL.42681	C	fuse6AMP	7.35Y	122.5	0.00	3.47	1.04	18	7	2	96	0.00	0.0	5.240	0.000	0	0	0	1
PL.42682	PD.8121	C	4ACSR	7.35Y	122.5	0.01	3.48	1.04	1	7	2	96	0.00	0.0	5.356	0.116	0	0	0	1
444909	PL.42682	C	Consumer	7.35Y	122.5	0.00	3.48	1.04	0	7	2	96	0.00	0.0	5.356	0.000	7	2	1	1
444963	PL.41700	C	Consumer	7.35Y	122.5	0.00	3.47	0.04	0	0	0	100	0.00	0.0	5.236	0.000	0	0	1	1
444921	PL.41700	C	Consumer	7.35Y	122.5	0.00	3.47	0.37	0	3	1	95	0.00	0.0	5.236	0.000	3	1	1	1
PL.42683	PL.41700	B	4ACSR	7.39Y	123.2	0.00	2.81	4.89	3	34	11	95	0.00	0.0	5.240	0.004	0	0	0	5
C PD.8122	PL.42683	B	fuse6AMP	7.39Y	123.2	0.00	2.81	4.89	84	34	11	95	0.00	0.0	5.240	0.000	0	0	0	5 C
PL.42686	PD.8122	B	4ACSR	7.39Y	123.2	0.00	2.81	4.89	3	34	11	95	0.00	0.0	5.241	0.001	0	0	0	5
PL.42685	PL.42686	B	4ACSR	7.39Y	123.2	0.01	2.81	2.01	1	14	4	96	0.00	0.0	5.307	0.065	0	0	0	3
444932	PL.42685	B	Consumer	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	5.307	0.000	0	0	1	1
444914	PL.42685	B	Consumer	7.39Y	123.2	0.00	2.81	0.72	0	5	2	93	0.00	0.0	5.307	0.000	5	2	1	1
444928	PL.42685	B	Consumer	7.39Y	123.2	0.00	2.81	1.29	0	9	3	95	0.00	0.0	5.307	0.000	9	3	1	1
PL.42687	PL.42686	B	4ACSR	7.39Y	123.2	0.02	2.83	2.88	1	20	6	96	0.00	0.0	5.387	0.145	0	0	0	2
PL.2717	PL.42687	B	4ACSR	7.39Y	123.2	0.02	2.85	1.65	1	12	4	95	0.00	0.0	5.679	0.293	0	0	0	1
444961	PL.2717	B	Consumer	7.39Y	123.2	0.00	2.85	1.65	0	12	4	95	0.00	0.0	5.679	0.000	12	4	1	1
444906	PL.42687	B	Consumer	7.39Y	123.2	0.00	2.83	1.23	0	9	3	95	0.00	0.0	5.387	0.000	9	3	1	1
PL.42692	PL.6873	B	4ACSR	7.46Y	124.3	0.00	1.75	1.08	1	8	2	97	0.00	0.0	4.796	0.005	0	0	0	4
PD.8124	PL.42692	B	fuse6AMP	7.46Y	124.3	0.00	1.75	1.08	19	8	2	97	0.00	0.0	4.796	0.000	0	0	0	4
PL.42693	PD.8124	B	4ACSR	7.46Y	124.3	0.00	1.75	1.08	1	8	2	97	0.00	0.0	4.889	0.093	0	0	0	4
PL.6871	PL.42693	B	4ACSR	7.45Y	124.2	0.00	1.75	1.08	1	8	2	97	0.00	0.0	4.951	0.061	0	0	0	4
PL.6872	PL.6871	B	4ACSR	7.45Y	124.2	0.00	1.75	0.91	0	6	2	95	0.00	0.0	5.007	0.056	0	0	0	2
PL.13432	PL.6872	B	4ACSR	7.45Y	124.2	0.00	1.76	0.91	0	6	2	95	0.00	0.0	5.076	0.070	0	0	0	2
PL.2574	PL.13432	B	4ACSR	7.45Y	124.2	0.00	1.76	0.91	0	6	2	95	0.00	0.0	5.198	0.121	0	0	0	2
PL.2573	PL.2574	B	4ACSR	7.45Y	124.2	0.00	1.77	0.91	0	6	2	95	0.00	0.0	5.285	0.088	0	0	0	2
444929	PL.2573	B	Consumer	7.45Y	124.2	0.00	1.77	0.90	0	6	2	95	0.00	0.0	5.285	0.000	6	2	1	1
444941	PL.2573	B	Consumer	7.45Y	124.2	0.00	1.77	0.01	0	0	0	100	0.00	0.0	5.285	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for various elements like 444957, 444902, PL.42690, etc.

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.7702-B	PD.7702-A	B	Closed	7.47Y	124.5	0.00	1.50	13.70	0	98	30	96	0.00	0.0	1.306	0.000	0	0	0	25
PL.42344	PD.7702-B	B	4ACSR	7.47Y	124.5	0.01	1.52	13.70	7	98	30	96	0.01	0.0	1.326	0.021	0	0	0	25
PL.25928	PL.42344	B	4ACSR	7.47Y	124.5	0.01	1.53	13.70	7	98	30	96	0.01	0.0	1.343	0.016	0	0	0	25
PL.42325	PL.25928	B	4ACSR	7.47Y	124.5	0.00	1.53	13.70	7	98	30	96	0.00	0.0	1.348	0.006	0	0	0	25
PD.7690	PL.42325	B	35L	7.47Y	124.5	0.00	1.53	13.70	39	98	30	96	0.00	0.0	1.348	0.000	0	0	0	25
PL.42326	PD.7690	B	4ACSR	7.46Y	124.4	0.07	1.60	13.70	7	98	30	96	0.05	0.1	1.459	0.110	0	0	0	25
PL.42329	PL.42326	B	4ACSR	7.46Y	124.4	0.00	1.60	0.83	0	6	2	95	0.00	0.0	1.463	0.005	0	0	0	1
PD.7693	PL.42329	B	fuse6AMP	7.46Y	124.4	0.00	1.60	0.83	14	6	2	95	0.00	0.0	1.463	0.000	0	0	0	1
PL.42330	PD.7693	B	4ACSR	7.46Y	124.4	0.00	1.60	0.83	0	6	2	95	0.00	0.0	1.526	0.062	0	0	0	1
445729	PL.42330	B	Consumer	7.46Y	124.4	0.00	1.60	0.83	0	6	2	95	0.00	0.0	1.526	0.000	6	2	1	1
PL.24290	PL.42326	B	4ACSR	7.46Y	124.4	0.03	1.63	12.57	6	90	28	95	0.02	0.0	1.507	0.048	0	0	0	23
445732	PL.24290	B	Consumer	7.46Y	124.4	0.00	1.63	0.04	0	0	0	100	0.00	0.0	1.507	0.000	0	0	1	1
PL.42333	PL.24290	B	4ACSR	7.46Y	124.4	0.00	1.63	1.88	1	13	4	96	0.00	0.0	1.513	0.006	0	0	0	2
PD.7695	PL.42333	B	fuse6AMP	7.46Y	124.4	0.00	1.63	1.88	32	13	4	96	0.00	0.0	1.513	0.000	0	0	0	2
PL.42334	PD.7695	B	4ACSR	7.46Y	124.4	0.01	1.63	1.88	1	13	4	96	0.00	0.0	1.589	0.076	0	0	0	2
PL.34959	PL.42334	B	4ACSR	7.46Y	124.4	0.01	1.64	0.94	0	7	2	96	0.00	0.0	1.789	0.200	0	0	0	1
PD.5177	PL.34959	B	fuse6AMP	7.46Y	124.4	0.00	1.64	0.94	16	7	2	96	0.00	0.0	1.789	0.000	0	0	0	1
PL.34960	PD.5177	B	1/0EPRJCN	7.46Y	124.4	0.00	1.64	0.94	0	7	2	96	0.00	0.0	1.830	0.041	0	0	0	1
4447029	PL.34960	B	Consumer	7.46Y	124.4	0.00	1.64	0.94	0	7	2	96	0.00	0.0	1.830	0.000	7	2	1	1
445709	PL.42334	B	Consumer	7.46Y	124.4	0.00	1.63	0.94	0	7	2	96	0.00	0.0	1.589	0.000	7	2	1	1
PL.42331	PL.24290	B	4ACSR	7.46Y	124.4	0.00	1.63	0.00	0	0	0	100	0.00	0.0	1.513	0.006	0	0	0	0
PD.7694	PL.42331	B	fuse6AMP	7.46Y	124.4	0.00	1.63	0.00	0	0	0	100	0.00	0.0	1.513	0.000	0	0	0	0
PL.42332	PD.7694	B	4ACSR	7.46Y	124.4	0.00	1.63	0.00	0	0	0	100	0.00	0.0	1.563	0.050	0	0	0	0
445727	PL.42332	B	Consumer	7.46Y	124.4	0.00	1.63	0.00	0	0	0	100	0.00	0.0	1.563	0.000	0	0	0	0
PL.24291	PL.24290	B	4ACSR	7.46Y	124.3	0.04	1.66	10.65	5	76	24	95	0.02	0.0	1.584	0.077	0	0	0	20
445718	PL.24291	B	Consumer	7.46Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	1.584	0.000	0	0	0	0
445728	PL.24291	B	Consumer	7.46Y	124.3	0.00	1.66	0.38	0	3	1	95	0.00	0.0	1.584	0.000	3	1	1	1
445717	PL.24291	B	Consumer	7.46Y	124.3	0.00	1.66	0.39	0	3	1	95	0.00	0.0	1.584	0.000	3	1	1	1
445720	PL.24291	B	Consumer	7.46Y	124.3	0.00	1.66	0.74	0	5	2	93	0.00	0.0	1.584	0.000	5	2	1	1
PL.24287	PL.24291	B	4ACSR	7.46Y	124.3	0.05	1.71	9.14	5	65	20	96	0.02	0.0	1.697	0.113	0	0	0	17
PL.42337	PL.24287	B	4ACSR	7.46Y	124.3	0.00	1.71	1.10	1	8	2	97	0.00	0.0	1.702	0.006	0	0	0	2
PD.7697	PL.42337	B	fuse6AMP	7.46Y	124.3	0.00	1.71	1.10	19	8	2	97	0.00	0.0	1.702	0.000	0	0	0	2
PL.42338	PD.7697	B	4ACSR	7.46Y	124.3	0.00	1.71	1.10	1	8	2	97	0.00	0.0	1.757	0.055	0	0	0	2
PL.21688	PL.42338	B	4ACSR	7.46Y	124.3	0.00	1.71	0.72	0	5	2	93	0.00	0.0	1.798	0.040	0	0	0	1
PL.21689	PL.21688	B	4ACSR	7.46Y	124.3	0.00	1.72	0.72	0	5	2	93	0.00	0.0	1.846	0.048	0	0	0	1
445726	PL.21689	B	Consumer	7.46Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	1.846	0.000	0	0	0	0
4457035	PL.21689	B	Consumer	7.46Y	124.3	0.00	1.72	0.72	0	5	2	93	0.00	0.0	1.846	0.000	5	2	1	1
PL.20839	PL.42338	B	4ACSR	7.46Y	124.3	0.00	1.71	0.38	0	3	1	95	0.00	0.0	1.838	0.081	0	0	0	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
445724	PL.20839	B	Consumer	7.46Y	124.3	0.00	1.71	0.38	0	3	1	95	0.00	0.0	1.838	0.000	3	1	1	1
PL.19329	PL.24287	B	4ACSR	7.46Y	124.3	0.00	1.71	4.54	2	32	10	95	0.00	0.0	1.721	0.024	0	0	0	10
445702	PL.19329	B	Consumer	7.46Y	124.3	0.00	1.71	0.01	0	0	0	100	0.00	0.0	1.721	0.000	0	0	1	1
445714	PL.19329	B	Consumer	7.46Y	124.3	0.00	1.71	0.60	0	4	1	97	0.00	0.0	1.721	0.000	4	1	1	1
445721	PL.19329	B	Consumer	7.46Y	124.3	0.00	1.71	0.00	0	0	0	100	0.00	0.0	1.721	0.000	0	0	0	0
445711	PL.19329	B	Consumer	7.46Y	124.3	0.00	1.71	0.64	0	5	1	98	0.00	0.0	1.721	0.000	5	1	1	1
PL.42339	PL.19329	B	4ACSR	7.46Y	124.3	0.01	1.73	3.29	2	23	7	96	0.00	0.0	1.818	0.097	0	0	0	7
PD.7700-A	PL.42339	B	Closed	7.46Y	124.3	0.00	1.73	3.29	0	23	7	96	0.00	0.0	1.818	0.000	0	0	0	7
PD.7700-B	PD.7700-A	B	Closed	7.46Y	124.3	0.00	1.73	3.29	0	23	7	96	0.00	0.0	1.818	0.000	0	0	0	7
PL.42340	PD.7700-B	B	4ACSR	7.46Y	124.3	0.00	1.73	3.29	2	23	7	96	0.00	0.0	1.828	0.010	0	0	0	7
445725	PL.42340	B	Consumer	7.46Y	124.3	0.00	1.73	0.00	0	0	0	100	0.00	0.0	1.828	0.000	0	0	1	1
PL.25929	PL.42340	B	4ACSR	7.45Y	124.2	0.02	1.75	3.28	2	23	7	96	0.00	0.0	1.958	0.130	0	0	0	6
PL.25948	PL.25929	B	4ACSR	7.45Y	124.2	0.01	1.76	3.28	2	23	7	96	0.00	0.0	2.048	0.090	0	0	0	6
PL.25949	PL.25948	B	4ACSR	7.45Y	124.2	0.02	1.78	2.13	1	15	5	95	0.00	0.0	2.229	0.180	0	0	0	4
PL.24032	PL.25949	B	4ACSR	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	2.272	0.043	0	0	0	0
PL.24031	PL.24032	B	4ACSR	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	2.340	0.068	0	0	0	0
PL.24030	PL.24031	B	4ACSR	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	2.378	0.039	0	0	0	0
PL.25950	PL.25949	B	4ACSR	7.45Y	124.2	0.00	1.78	2.13	1	15	5	95	0.00	0.0	2.241	0.013	0	0	0	4
PD.1452	PL.25950	B	fuse6AMP	7.45Y	124.2	0.00	1.78	2.13	36	15	5	95	0.00	0.0	2.241	0.000	0	0	0	4
445810	PD.1452	B	Consumer	7.45Y	124.2	0.00	1.78	0.87	0	6	2	95	0.00	0.0	2.241	0.000	6	2	1	1
PL.25951	PD.1452	B	4ACSR	7.45Y	124.2	0.01	1.80	1.27	1	9	3	95	0.00	0.0	2.486	0.245	0	0	0	3
445818	PL.25951	B	Consumer	7.45Y	124.2	0.00	1.80	0.07	0	1	0	100	0.00	0.0	2.486	0.000	1	0	1	1
445814	PL.25951	B	Consumer	7.45Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	2.486	0.000	0	0	0	0
445804	PL.25951	B	Consumer	7.45Y	124.2	0.00	1.80	0.30	0	2	1	89	0.00	0.0	2.486	0.000	2	1	1	1
PL.6433	PL.25951	B	4ACSR	7.45Y	124.2	0.00	1.80	0.89	0	6	2	95	0.00	0.0	2.554	0.069	0	0	0	1
445805	PL.6433	B	Consumer	7.45Y	124.2	0.00	1.80	0.89	0	6	2	95	0.00	0.0	2.554	0.000	6	2	1	1
445802	PL.25948	B	Consumer	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	2.048	0.000	0	0	0	0
445803	PL.25948	B	Consumer	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	2.048	0.000	0	0	0	0
PL.24035	PL.25948	B	4ACSR	7.45Y	124.2	0.00	1.76	0.29	0	2	1	89	0.00	0.0	2.165	0.116	0	0	0	1
PL.24019	PL.24035	B	4ACSR	7.45Y	124.2	0.00	1.77	0.29	0	2	1	89	0.00	0.0	2.187	0.022	0	0	0	1
445731	PL.24019	B	Consumer	7.45Y	124.2	0.00	1.77	0.29	0	2	1	89	0.00	0.0	2.187	0.000	2	1	1	1
PL.45709	PL.24019	B	2ACSR	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	2.369	0.183	0	0	0	0
4447033	PL.45709	B	Consumer	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	2.369	0.000	0	0	0	0
PL.24029	PL.25948	B	4ACSR	7.45Y	124.2	0.00	1.77	0.86	0	6	2	95	0.00	0.0	2.100	0.052	0	0	0	1
PL.24024	PL.24029	B	4ACSR	7.45Y	124.2	0.00	1.77	0.86	0	6	2	95	0.00	0.0	2.157	0.057	0	0	0	1
PL.44195	PL.24024	B	2ACSR	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	2.240	0.083	0	0	0	0
4458026	PL.44195	B	Consumer	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	2.240	0.000	0	0	0	0
PL.39672	PL.24024	B	2ACSR	7.45Y	124.2	0.00	1.77	0.86	0	6	2	95	0.00	0.0	2.270	0.113	0	0	0	1

Unbalanced Voltage Drop Report
Source: BLEVINS VALLEY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							-Base Voltage:120.0-	Accum Drop	Thru %	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
4458021	PL.39672	B	Consumer	7.45Y	124.2	0.00	1.77	0.86	0	6	2	95	0.00	0.0	2.270	0.000	6	2	1	1
PL.42335	PL.24287	B	4ACSR	7.46Y	124.3	0.00	1.71	2.95	2	21	7	95	0.00	0.0	1.701	0.005	0	0	0	4
PD.7696	PL.42335	B	fuse6AMP	7.46Y	124.3	0.00	1.71	2.95	50	21	7	95	0.00	0.0	1.701	0.000	0	0	0	4
PL.42336	PD.7696	B	4ACSR	7.46Y	124.3	0.02	1.73	2.95	2	21	7	95	0.00	0.0	1.839	0.137	0	0	0	4
PL.23949	PL.42336	B	4ACSR	7.46Y	124.3	0.01	1.74	2.95	2	21	7	95	0.00	0.0	1.921	0.082	0	0	0	4
PL.23948	PL.23949	B	4ACSR	7.45Y	124.2	0.01	1.75	2.95	2	21	7	95	0.00	0.0	2.015	0.094	0	0	0	4
PL.23951	PL.23948	B	4ACSR	7.45Y	124.2	0.01	1.76	1.73	1	12	4	95	0.00	0.0	2.110	0.095	0	0	0	3
445716	PL.23951	B	Consumer	7.45Y	124.2	0.00	1.76	0.19	0	1	0	100	0.00	0.0	2.110	0.000	1	0	1	1
PL.14438	PL.23951	B	4ACSR	7.45Y	124.2	0.02	1.78	1.53	1	11	3	96	0.00	0.0	2.365	0.255	0	0	0	2
PL.23952	PL.14438	B	4ACSR	7.45Y	124.2	0.00	1.78	1.11	1	8	2	97	0.00	0.0	2.439	0.074	0	0	0	1
PL.24017	PL.23952	B	4ACSR	7.45Y	124.2	0.01	1.79	1.11	1	8	2	97	0.00	0.0	2.550	0.112	0	0	0	1
446701	PL.24017	B	Consumer	7.45Y	124.2	0.00	1.79	1.11	0	8	2	97	0.00	0.0	2.550	0.000	8	2	1	1
445715	PL.14438	B	Consumer	7.45Y	124.2	0.00	1.78	0.42	0	3	1	95	0.00	0.0	2.365	0.000	3	1	1	1
445733	PL.23948	B	Consumer	7.45Y	124.2	0.00	1.75	1.22	0	9	3	95	0.00	0.0	2.015	0.000	9	3	1	1
445723	PL.24287	B	Consumer	7.46Y	124.3	0.00	1.71	0.55	0	4	1	97	0.00	0.0	1.697	0.000	4	1	1	1
445719	PL.42326	B	Consumer	7.46Y	124.4	0.00	1.60	0.30	0	2	1	89	0.00	0.0	1.459	0.000	2	1	1	1
445734	PL.42326	B	Consumer	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	1.459	0.000	0	0	0	0
PL.2291	PL.25924	C	4ACSR	7.50Y	125.1	0.00	0.92	0.06	0	0	0	100	0.00	0.0	1.056	0.056	0	0	0	1
444704	PL.2291	C	Consumer	7.50Y	125.1	0.00	0.92	0.06	0	0	0	100	0.00	0.0	1.056	0.000	0	0	1	1
PL.24015	PL.25922	A	1/0CU	7.54Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	0.734	0.010	0	0	0	0
		B		7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C		7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
PL.24016	PL.25921	B	4ACSR	7.51Y	125.2	0.00	0.78	1.84	1	13	4	96	0.00	0.0	0.703	0.002	0	0	0	4
PL.2288	PL.24016	B	4ACSR	7.51Y	125.2	0.01	0.79	1.84	1	13	4	96	0.00	0.0	0.835	0.132	0	0	0	4
PL.6864	PL.2288	B	4ACSR	7.51Y	125.2	0.00	0.79	1.20	1	9	3	95	0.00	0.0	0.890	0.055	0	0	0	3
PL.6865	PL.6864	B	4ACSR	7.51Y	125.2	0.01	0.80	1.20	1	9	3	95	0.00	0.0	0.991	0.100	0	0	0	2
444637	PL.6865	B	Consumer	7.51Y	125.2	0.00	0.80	0.34	0	2	1	89	0.00	0.0	0.991	0.000	2	1	1	1
PL.2297	PL.6865	B	4ACSR	7.51Y	125.2	0.00	0.80	0.86	0	6	2	95	0.00	0.0	1.031	0.041	0	0	0	1
444644	PL.2297	B	Consumer	7.51Y	125.2	0.00	0.80	0.86	0	6	2	95	0.00	0.0	1.031	0.000	6	2	1	1
444646	PL.6864	B	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.890	0.000	0	0	1	1
444715	PL.2288	B	Consumer	7.51Y	125.2	0.00	0.79	0.64	0	5	1	98	0.00	0.0	0.835	0.000	5	1	1	1

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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	4017	0	0	0	0	0	106	0.00	4123	
KVAR	1288	0	-806	-1	0	0	106		587	

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 121.18 volts on PL.2722	4.82 volts on PL.2722	0.72 volts on PL.11112
B-Phase -> 121.36 volts on PL.1837	4.64 volts on PL.1837	0.72 volts on PL.28136
C-Phase -> 118.45 volts on PL.42748	7.55 volts on PL.42748	0.87 volts on PL.28136

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 3 (BOWEN3) Beginning with Device PD.3932.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.14082	PL.43532	B	4ACSR	7.55Y	125.8	0.00	0.18	1.34	1	9	5	87	0.00	0.0	0.334	0.024	0	0	0	4
PL.19224	PL.14082	B	4ACSR	7.55Y	125.8	0.00	0.19	1.02	1	7	4	87	0.00	0.0	0.381	0.047	0	0	0	3
083516	PL.19224	B	Consumer	7.55Y	125.8	0.00	0.19	0.50	0	3	2	83	0.00	0.0	0.381	0.000	3	2	1	1
083521	PL.19224	B	Consumer	7.55Y	125.8	0.00	0.19	0.13	0	1	0	100	0.00	0.0	0.381	0.000	1	0	1	1
083534	PL.19224	B	Consumer	7.55Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.381	0.000	0	0	0	0
PL.19225	PL.19224	B	4ACSR	7.55Y	125.8	0.00	0.19	0.39	0	3	1	95	0.00	0.0	0.409	0.027	0	0	0	1
083526	PL.19225	B	Consumer	7.55Y	125.8	0.00	0.19	0.39	0	3	1	95	0.00	0.0	0.409	0.000	3	1	1	1
PL.5211	PL.14082	B	4ACSR	7.55Y	125.8	0.00	0.18	0.32	0	2	1	89	0.00	0.0	0.374	0.040	0	0	0	1
083502	PL.5211	B	Consumer	7.55Y	125.8	0.00	0.18	0.32	0	2	1	89	0.00	0.0	0.374	0.000	2	1	1	1
PL.3491	PL.43532	B	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	1	71	0.00	0.0	0.357	0.046	0	0	0	1
PL.3492	PL.3491	B	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	1	71	0.00	0.0	0.396	0.039	0	0	0	1
520001	PL.3492	B	Consumer	7.55Y	125.8	0.00	0.18	0.17	0	1	1	71	0.00	0.0	0.396	0.000	1	1	1	1
PL.14081	PL.29815	A B C	397ACSR	7.56Y 7.54Y 7.55Y	126.0 125.7 125.8	-0.01 0.07 0.05	-0.03 0.26 0.17	14.34 46.16 51.27	2 6 6	94 301 334	54 175 196	87 86 86	0.16	0.0	0.402	0.121	0 0 0	0 0 0	0 0 0	32 176 167
PL.7221	PL.14081	A B C	397ACSR	7.56Y 7.54Y 7.55Y	126.0 125.7 125.8	-0.01 0.05 0.03	-0.04 0.30 0.20	13.24 45.89 51.27	2 6 6	87 299 334	50 174 195	87 86 86	0.10	0.0	0.481	0.080	0 0 0	0 0 0	0 0 0	30 173 167
PL.19445	PL.7221	A B C	397ACSR	7.56Y 7.54Y 7.55Y	126.0 125.6 125.8	-0.01 0.05 0.04	-0.04 0.36 0.24	13.24 45.89 50.57	2 6 6	87 299 330	50 174 193	87 86 86	0.11	0.0	0.569	0.087	0 0 0	0 0 0	0 0 0	30 173 166
PL.19446	PL.19445	A B C	397ACSR	7.56Y 7.54Y 7.54Y	126.0 125.6 125.7	-0.00 0.03 0.02	-0.05 0.39 0.26	13.24 45.21 50.57	2 6 6	87 295 329	50 171 192	87 86 86	0.07	0.0	0.625	0.056	0 0 0	0 0 0	0 0 0	30 170 166
527001	PL.19446	B	Consumer	7.54Y	125.6	0.00	0.39	0.42	0	3	2	83	0.00	0.0	0.625	0.000	3	2	1	1
PL.7222	PL.19446	A B C	397ACSR	7.56Y 7.53Y 7.54Y	126.1 125.5 125.7	-0.01 0.08 0.06	-0.06 0.47 0.32	13.24 44.79 50.57	2 5 6	87 292 329	50 169 192	87 86 86	0.17	0.0	0.759	0.135	0 0 0	0 0 0	0 0 0	30 169 166
PL.19154	PL.7222	A B C	397ACSR	7.56Y 7.53Y 7.54Y	126.1 125.5 125.7	-0.00 0.02 0.01	-0.06 0.49 0.33	13.24 43.40 50.57	2 5 6	87 283 329	50 164 192	87 87 86	0.04	0.0	0.794	0.035	0 0 0	0 0 0	0 0 0	30 166 166
525002	PL.19154	B	Consumer	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	0.794	0.000	0	0	0	0
5250003	PL.19154	B	Consumer	7.53Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	0.794	0.000	0	0	0	0
PL.19155	PL.19154	A B C	397ACSR	7.56Y 7.53Y 7.54Y	126.1 125.5 125.6	-0.01 0.05 0.04	-0.07 0.55 0.37	13.24 43.40 50.57	2 5 6	87 283 329	50 164 192	87 87 86	0.11	0.0	0.882	0.088	0 0 0	0 0 0	0 0 0	30 166 166
PL.6954	PL.19155	A B C	397ACSR	7.56Y 7.52Y 7.54Y	126.1 125.4 125.6	-0.01 0.05 0.04	-0.08 0.60 0.41	12.67 42.17 50.57	2 5 6	83 275 329	48 159 192	87 87 86	0.11	0.0	0.974	0.092	0 0 0	0 0 0	0 0 0	29 164 166
PL.7223	PL.6954	A B C	397ACSR	7.57Y 7.52Y 7.53Y	126.1 125.4 125.6	-0.00 0.03 0.02	-0.09 0.63 0.43	12.67 42.04 50.05	2 5 6	83 274 326	48 159 190	87 87 86	0.06	0.0	1.023	0.049	0 0 0	0 0 0	0 0 0	29 162 165
PL.6964	PL.7223	A B C	397ACSR	7.57Y 7.52Y 7.53Y	126.1 125.3 125.5	-0.01 0.04 0.03	-0.09 0.66 0.46	12.67 42.03 49.31	2 5 6	83 274 321	48 159 187	87 87 86	0.07	0.0	1.087	0.064	0 0 0	0 0 0	0 0 0	29 161 160
PL.6965	PL.6964	A B C	397ACSR	7.57Y 7.52Y 7.53Y	126.1 125.3 125.5	-0.00 0.02 0.02	-0.09 0.69 0.47	12.67 41.13 48.74	2 5 6	83 268 317	48 155 185	87 87 86	0.05	0.0	1.128	0.041	0 0 0	0 0 0	0 0 0	29 159 158

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss			KW	KVAR			
PL.26780	PL.6965	A	397ACSR	7.57Y	126.1	-0.00	-0.10	4.93	1	32	19	86	0.00	0.0	1.139	0.011	0	0	0	18
		B		7.52Y	125.3	0.00	0.69	29.92	4	195	113	87					0	0	0	131
		C		7.53Y	125.5	0.00	0.47	22.83	3	149	87	86					0	0	0	90
PL.26781	PL.26780	A	397ACSR	7.57Y	126.1	-0.00	-0.10	4.93	1	32	19	86	0.05	0.0	1.265	0.126	0	0	0	18
		B		7.52Y	125.3	0.05	0.74	29.92	4	195	113	87					0	0	0	131
		C		7.53Y	125.5	0.02	0.49	22.83	3	149	87	86					0	0	0	90
PD.183-A	PL.26781	A	Closed	7.57Y	126.1	0.00	-0.10	4.93	0	32	19	86	0.00	0.0	1.265	0.000	0	0	0	18
		B		7.52Y	125.3	0.00	0.74	29.92	0	195	113	87					0	0	0	131
		C		7.53Y	125.5	0.00	0.49	22.83	0	149	86	86					0	0	0	90
PD.183-B	PD.183-A	A	Closed	7.57Y	126.1	0.00	-0.10	4.93	0	32	19	86	0.00	0.0	1.265	0.000	0	0	0	18
		B		7.52Y	125.3	0.00	0.74	29.92	0	195	113	87					0	0	0	131
		C		7.53Y	125.5	0.00	0.49	22.83	0	149	86	86					0	0	0	90
PL.26782	PD.183-B	A	397ACSR	7.57Y	126.1	-0.00	-0.10	4.93	1	32	19	86	0.01	0.0	1.297	0.032	0	0	0	18
		B		7.51Y	125.2	0.01	0.76	29.92	4	195	113	87					0	0	0	131
		C		7.53Y	125.5	0.00	0.49	22.83	3	149	86	86					0	0	0	90
PL.402	PL.26782	A	397ACSR	7.57Y	126.1	-0.01	-0.11	4.93	1	32	19	86	0.11	0.0	1.585	0.288	0	0	0	18
		B		7.51Y	125.1	0.12	0.87	29.92	4	195	112	87					0	0	0	131
		C		7.53Y	125.5	0.04	0.53	22.83	3	149	86	86					0	0	0	90
PL.19141	PL.402	A	336ACSR	7.57Y	126.1	-0.01	-0.12	4.93	1	32	19	86	0.04	0.0	1.765	0.180	0	0	0	18
		B		7.51Y	125.1	0.04	0.92	15.46	2	101	58	87					0	0	0	62
		C		7.53Y	125.4	0.04	0.57	22.83	3	149	86	86					0	0	0	90
PL.19142	PL.19141	A	336ACSR	7.57Y	126.1	-0.00	-0.13	4.93	1	32	19	86	0.01	0.0	1.809	0.044	0	0	0	18
		B		7.50Y	125.1	0.01	0.92	14.81	2	96	56	87					0	0	0	61
		C		7.53Y	125.4	0.01	0.58	22.83	3	149	86	86					0	0	0	90
PL.7638	PL.19142	A	336ACSR	7.57Y	126.1	-0.01	-0.13	4.93	1	32	19	86	0.03	0.0	1.951	0.141	0	0	0	18
		B		7.50Y	125.0	0.03	0.96	14.81	2	96	56	87					0	0	0	60
		C		7.52Y	125.4	0.03	0.62	22.83	3	149	86	86					0	0	0	90
082417	PL.7638	A	Consumer	7.57Y	126.1	0.00	-0.13	0.86	0	6	3	89	0.00	0.0	1.951	0.000	6	3	1	1
PL.14570	PL.7638	A	336ACSR	7.57Y	126.1	-0.01	-0.14	4.07	1	27	15	87	0.02	0.0	2.035	0.085	0	0	0	17
		B		7.50Y	125.0	0.02	0.97	14.81	2	96	56	87					0	0	0	60
		C		7.52Y	125.4	0.02	0.64	22.83	3	149	86	87					0	0	0	90
PL.39251	PL.14570	C	4ACSR	7.52Y	125.4	0.00	0.64	0.91	0	6	3	89	0.00	0.0	2.050	0.015	0	0	0	2
PD.6890	PL.39251	C	fuse6AMP	7.52Y	125.4	0.00	0.64	0.91	16	6	3	89	0.00	0.0	2.050	0.000	0	0	0	2
PL.39252	PD.6890	C	4ACSR	7.52Y	125.4	0.00	0.64	0.91	0	6	3	89	0.00	0.0	2.082	0.032	0	0	0	2
PL.5196	PL.39252	C	4ACSR	7.52Y	125.4	0.00	0.64	0.13	0	1	0	100	0.00	0.0	2.176	0.094	0	0	0	1
082409	PL.5196	C	Consumer	7.52Y	125.4	0.00	0.64	0.13	0	1	0	100	0.00	0.0	2.176	0.000	1	0	1	1
082408	PL.39252	C	Consumer	7.52Y	125.4	0.00	0.64	0.00	0	0	0	100	0.00	0.0	2.082	0.000	0	0	0	0
0824020	PL.39252	C	Consumer	7.52Y	125.4	0.00	0.64	0.79	0	5	3	86	0.00	0.0	2.082	0.000	5	3	1	1
PL.14571	PL.14570	A	336ACSR	7.57Y	126.2	-0.02	-0.16	4.07	1	27	15	87	0.07	0.0	2.336	0.301	0	0	0	17
		B		7.50Y	125.0	0.07	1.04	14.81	2	96	56	87					0	0	0	60
		C		7.52Y	125.3	0.07	0.70	21.91	3	143	83	87					0	0	0	88
PL.19385	PL.14571	A	1/0CU	7.57Y	126.2	0.00	-0.16	3.70	1	24	14	86	0.00	0.0	2.341	0.005	0	0	0	14
		B		7.50Y	125.0	-0.00	1.04	0.24	0	2	1	87					0	0	0	2
		C		7.52Y	125.3	0.00	0.70	10.35	2	67	39	87					0	0	0	47
PD.574-A	PL.19385	A	Closed	7.57Y	126.2	0.00	-0.16	3.70	0	24	14	86	0.00	0.0	2.341	0.000	0	0	0	14
		B		7.50Y	125.0	0.00	1.04	0.24	0	2	1	87					0	0	0	2
		C		7.52Y	125.3	0.00	0.70	10.35	0	67	39	87					0	0	0	47
PD.574-B	PD.574-A	A	Closed	7.57Y	126.2	0.00	-0.16	3.70	0	24	14	86	0.00	0.0	2.341	0.000	0	0	0	14
		B		7.50Y	125.0	0.00	1.04	0.24	0	2	1	87					0	0	0	2
		C		7.52Y	125.3	0.00	0.70	10.35	0	67	39	87					0	0	0	47
PL.19386	PD.574-B	A	1/0CU	7.57Y	126.2	-0.00	-0.16	3.70	1	24	14	86	0.02	0.0	2.621	0.280	0	0	0	14
		B		7.50Y	125.0	-0.00	1.04	0.24	0	2	1	87					0	0	0	2
		C		7.51Y	125.2	0.06	0.77	10.35	2	67	39	87					0	0	0	47

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.14225	PL.19386	A	1/0CU	7.57Y	126.2	0.00	-0.16	3.70	1	24	14	86	0.02	0.0	2.842	0.221	0	0	0	14
		B		7.50Y	125.0	-0.00	1.03	0.24	0	2	1	87					0	0	0	2
		C		7.51Y	125.2	0.05	0.81	9.88	2	64	37	87					0	0	0	45
082406	PL.14225	B	Consumer	7.50Y	125.0	0.00	1.03	0.24	0	2	1	89	0.00	0.0	2.842	0.000	2	1	1	1
PL.7636	PL.14225	A	1/0CU	7.57Y	126.2	0.00	-0.16	3.70	1	24	14	86	0.02	0.0	3.088	0.246	0	0	0	14
		B		7.50Y	125.0	-0.00	1.03	0.00	0	0	0	100					0	0	0	1
		C		7.51Y	125.1	0.05	0.86	9.88	2	64	37	87					0	0	0	45
PL.14568	PL.7636	A	1/0CU	7.57Y	126.2	0.00	-0.16	3.70	1	24	14	86	0.01	0.0	3.223	0.135	0	0	0	14
		B		7.50Y	125.0	-0.00	1.03	0.00	0	0	0	100					0	0	0	1
		C		7.51Y	125.1	0.03	0.89	9.88	2	64	37	87					0	0	0	45
PL.26404	PL.14568	C	4ACSR	7.51Y	125.1	0.00	0.89	0.27	0	2	1	89	0.00	0.0	3.244	0.020	0	0	0	1
PD.1168	PL.26404	C	fuse6AMP	7.51Y	125.1	0.00	0.89	0.27	5	2	1	89	0.00	0.0	3.244	0.000	0	0	0	1
PL.26405	PD.1168	C	4ACSR	7.51Y	125.1	0.00	0.89	0.27	0	2	1	89	0.00	0.0	3.291	0.048	0	0	0	1
082315	PL.26405	C	Consumer	7.51Y	125.1	0.00	0.89	0.27	0	2	1	89	0.00	0.0	3.291	0.000	2	1	1	1
PL.44171	PL.14568	A	1/0CU	7.57Y	126.2	0.00	-0.16	3.70	1	24	14	86	0.01	0.0	3.345	0.122	0	0	0	14
		B		7.50Y	125.0	-0.00	1.02	0.00	0	0	0	100					0	0	0	1
		C		7.50Y	125.1	0.02	0.92	9.61	2	63	36	87					0	0	0	44
PL.44173	PL.44171	C	2ACSR	7.50Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	3.350	0.005	0	0	0	0
PD.8353	PL.44173	C	fuse6AMP	7.50Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	3.350	0.000	0	0	0	0
PL.44174	PD.8353	C	2ACSR	7.50Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	3.389	0.039	0	0	0	0
0823037	PL.44174	C	Consumer	7.50Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	3.389	0.000	0	0	0	0
PL.44172	PL.44171	A	1/0CU	7.57Y	126.2	0.00	-0.16	3.70	1	24	14	86	0.00	0.0	3.405	0.059	0	0	0	14
		B		7.50Y	125.0	-0.00	1.02	0.00	0	0	0	100					0	0	0	1
		C		7.50Y	125.1	0.01	0.93	9.61	2	62	36	87					0	0	0	44
PL.16344	PL.44172	C	4ACSR	7.50Y	125.1	0.00	0.93	7.61	4	49	29	86	0.00	0.0	3.415	0.010	0	0	0	33
PD.572-A	PL.16344	C	Closed	7.50Y	125.1	0.00	0.93	7.61	0	49	29	86	0.00	0.0	3.415	0.000	0	0	0	33
PD.572-B	PD.572-A	C	Closed	7.50Y	125.1	0.00	0.93	7.61	0	49	29	86	0.00	0.0	3.415	0.000	0	0	0	33
PL.16345	PD.572-B	C	4ACSR	7.50Y	125.0	0.05	0.98	7.61	4	49	29	86	0.02	0.0	3.549	0.134	0	0	0	33
PL.18961	PL.16345	C	4ACSR	7.50Y	125.0	0.00	0.98	0.92	0	6	3	89	0.00	0.0	3.554	0.006	0	0	0	1
PL.18962	PL.18961	C	4ACSR	7.50Y	125.0	0.00	0.98	0.92	0	6	3	89	0.00	0.0	3.565	0.011	0	0	0	1
PD.1169	PL.18962	C	fuse6AMP	7.50Y	125.0	0.00	0.98	0.92	16	6	3	89	0.00	0.0	3.565	0.000	0	0	0	1
PL.16343	PD.1169	C	4ACSR	7.50Y	125.0	0.00	0.98	0.92	0	6	3	89	0.00	0.0	3.651	0.086	0	0	0	1
082317	PL.16343	C	Consumer	7.50Y	125.0	0.00	0.98	0.00	0	0	0	100	0.00	0.0	3.651	0.000	0	0	0	0
082321	PL.16343	C	Consumer	7.50Y	125.0	0.00	0.98	0.92	0	6	3	89	0.00	0.0	3.651	0.000	6	3	1	1
PL.18963	PL.16345	C	4ACSR	7.50Y	125.0	0.02	1.00	6.69	3	43	25	86	0.01	0.0	3.597	0.048	0	0	0	32
PD.3446	PL.18963	C	50V4E	7.50Y	125.0	0.00	1.00	6.69	0	43	25	86	0.00	0.0	3.597	0.000	0	0	0	32
PL.18964	PD.3446	C	4ACSR	7.50Y	125.0	0.04	1.04	6.69	3	43	25	86	0.01	0.0	3.732	0.134	0	0	0	32
PL.45964	PL.18964	C	4ACSR	7.50Y	124.9	0.02	1.06	5.90	3	38	22	87	0.01	0.0	3.817	0.086	0	0	0	30
0823038	PL.45964	C	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	3.817	0.000	0	0	0	0
PL.45965	PL.45964	C	4ACSR	7.49Y	124.9	0.04	1.10	5.90	3	38	22	87	0.01	0.0	3.966	0.149	0	0	0	30
PL.26408	PL.45965	C	4ACSR	7.49Y	124.9	0.00	1.10	1.31	1	8	5	85	0.00	0.0	3.985	0.019	0	0	0	3
PD.820	PL.26408	C	fuse6AMP	7.49Y	124.9	0.00	1.10	1.31	22	8	5	85	0.00	0.0	3.985	0.000	0	0	0	3
PL.26409	PD.820	C	4ACSR	7.49Y	124.9	0.01	1.11	1.31	1	8	5	85	0.00	0.0	4.077	0.091	0	0	0	3

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.24488	PL.26409	C	4ACSR	7.49Y	124.9	0.00	1.11	0.47	0	3	2	83	0.00	0.0	4.152	0.075	0	0	0	1
082326	PL.24488	C	Consumer	7.49Y	124.9	0.00	1.11	0.47	0	3	2	83	0.00	0.0	4.152	0.000	3	2	1	1
082305	PL.26409	C	Consumer	7.49Y	124.9	0.00	1.11	0.28	0	2	1	89	0.00	0.0	4.077	0.000	2	1	1	1
082330	PL.26409	C	Consumer	7.49Y	124.9	0.00	1.11	0.55	0	4	2	89	0.00	0.0	4.077	0.000	4	2	1	1
PL.14229	PL.45965	C	4ACSR	7.49Y	124.9	0.02	1.13	4.60	2	30	17	87	0.01	0.0	4.081	0.116	0	0	0	27
PL.8317	PL.14229	C	4ACSR	7.49Y	124.8	0.04	1.16	4.41	2	29	17	86	0.01	0.0	4.257	0.176	0	0	0	26
082322	PL.8317	C	Consumer	7.49Y	124.8	0.00	1.16	0.20	0	1	1	71	0.00	0.0	4.257	0.000	1	1	1	1
082304	PL.8317	C	Consumer	7.49Y	124.8	0.00	1.16	0.11	0	1	0	100	0.00	0.0	4.257	0.000	1	0	1	1
PL.14230	PL.8317	C	4ACSR	7.49Y	124.8	0.01	1.17	4.10	2	27	15	87	0.00	0.0	4.290	0.033	0	0	0	24
PL.14726	PL.14230	C	4ACSR	7.49Y	124.8	0.01	1.18	3.94	2	26	15	87	0.00	0.0	4.338	0.048	0	0	0	23
PL.17647	PL.14726	C	4ACSR	7.49Y	124.8	0.00	1.18	0.26	0	2	1	89	0.00	0.0	4.357	0.019	0	0	0	1
PD.821	PL.17647	C	fuse6AMP	7.49Y	124.8	0.00	1.18	0.26	4	2	1	89	0.00	0.0	4.357	0.000	0	0	0	1
PL.17648	PD.821	C	4ACSR	7.49Y	124.8	0.00	1.18	0.26	0	2	1	89	0.00	0.0	4.438	0.081	0	0	0	1
082318	PL.17648	C	Consumer	7.49Y	124.8	0.00	1.18	0.26	0	2	1	89	0.00	0.0	4.438	0.000	2	1	1	1
PL.17442	PL.14726	C	4ACSR	7.49Y	124.8	0.01	1.19	3.51	2	23	13	87	0.00	0.0	4.388	0.050	0	0	0	20
PL.32696	PL.17442	C	4ACSR	7.49Y	124.8	0.01	1.19	3.35	2	22	13	86	0.00	0.0	4.422	0.033	0	0	0	18
PL.32697	PL.32696	C	4ACSR	7.49Y	124.8	0.01	1.20	3.35	2	22	13	86	0.00	0.0	4.462	0.040	0	0	0	18
PL.15360	PL.32697	C	4ACSR	7.49Y	124.8	0.00	1.20	3.35	2	22	13	86	0.00	0.0	4.462	0.000	0	0	0	18
PL.32701	PL.15360	C	4ACSR	7.49Y	124.8	0.01	1.20	3.10	2	20	12	86	0.00	0.0	4.505	0.043	0	0	0	16
PL.32703	PL.32701	C	4ACSR	7.49Y	124.8	0.00	1.21	1.65	1	11	6	88	0.00	0.0	4.559	0.054	0	0	0	5
PL.32704	PL.32703	C	4ACSR	7.49Y	124.8	0.00	1.21	1.07	1	7	4	87	0.00	0.0	4.589	0.030	0	0	0	4
0823032	PL.32704	C	Consumer	7.49Y	124.8	0.00	1.21	0.65	0	4	2	89	0.00	0.0	4.589	0.000	4	2	1	1
PL.34636	PL.32704	C	2ACSR	7.49Y	124.8	0.00	1.21	0.42	0	3	2	83	0.00	0.0	4.611	0.021	0	0	0	3
PL.34637	PL.34636	C	2ACSR	7.49Y	124.8	0.00	1.21	0.02	0	0	0	100	0.00	0.0	4.807	0.197	0	0	0	2
PL.34821	PL.34637	C	2ACSR	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	4.846	0.039	0	0	0	1
PL.40784	PL.34821	C	2ACSR	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	4.907	0.061	0	0	0	1
0823036	PL.40784	C	Consumer	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	4.907	0.000	0	0	1	1
PL.34819	PL.34637	C	2ACSR	7.49Y	124.8	0.00	1.21	0.02	0	0	0	100	0.00	0.0	4.849	0.041	0	0	0	1
0823034	PL.34819	C	Consumer	7.49Y	124.8	0.00	1.21	0.02	0	0	0	100	0.00	0.0	4.849	0.000	0	0	1	1
PL.34635	PL.34636	C	2ACSR	7.49Y	124.8	0.00	1.21	0.40	0	3	1	95	0.00	0.0	4.620	0.009	0	0	0	1
0823035	PL.34635	C	Consumer	7.49Y	124.8	0.00	1.21	0.40	0	3	1	95	0.00	0.0	4.620	0.000	3	1	1	1
0823033	PL.32703	C	Consumer	7.49Y	124.8	0.00	1.21	0.58	0	4	2	89	0.00	0.0	4.559	0.000	4	2	1	1
PL.32702	PL.32701	C	4ACSR	7.49Y	124.8	0.00	1.21	1.45	1	9	5	87	0.00	0.0	4.534	0.028	0	0	0	11
082325	PL.32702	C	Consumer	7.49Y	124.8	0.00	1.21	0.01	0	0	0	100	0.00	0.0	4.534	0.000	0	0	1	1
PL.19362	PL.32702	C	4ACSR	7.49Y	124.8	0.01	1.22	1.44	1	9	5	87	0.00	0.0	4.706	0.173	0	0	0	10
PL.14231	PL.19362	C	4ACSR	7.49Y	124.8	0.00	1.22	1.36	1	9	5	87	0.00	0.0	4.750	0.043	0	0	0	9
PL.18285	PL.14231	C	4ACSR	7.49Y	124.8	0.00	1.22	0.22	0	1	1	71	0.00	0.0	4.770	0.020	0	0	0	3
PD.823	PL.18285	C	fuse6AMP	7.49Y	124.8	0.00	1.22	0.22	4	1	1	71	0.00	0.0	4.770	0.000	0	0	0	3

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.18286	PD.823	C	4ACSR	7.49Y	124.8	0.00	1.22	0.22	0	1	1	71	0.00	0.0	4.821	0.051	0	0	0	3
081304	PL.18286	C	Consumer	7.49Y	124.8	0.00	1.22	0.10	0	1	0	100	0.00	0.0	4.821	0.000	1	0	1	1
081311	PL.18286	C	Consumer	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	4.821	0.000	0	0	1	1
081309	PL.18286	C	Consumer	7.49Y	124.8	0.00	1.22	0.12	0	1	0	100	0.00	0.0	4.821	0.000	1	0	1	1
PL.18512	PL.14231	C	4ACSR	7.49Y	124.8	0.00	1.22	1.14	1	7	4	87	0.00	0.0	4.834	0.084	0	0	0	6
PD.824	PL.18512	C	fuse6AMP	7.49Y	124.8	0.00	1.22	1.14	19	7	4	87	0.00	0.0	4.834	0.000	0	0	0	6
PL.18523	PD.824	C	4ACSR	7.49Y	124.8	0.00	1.22	1.14	1	7	4	87	0.00	0.0	4.844	0.010	0	0	0	6
PL.18510	PL.18523	C	4ACSR	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	4.852	0.009	0	0	0	0
PD.825	PL.18510	C	fuse6AMP	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	4.852	0.000	0	0	0	0
PL.18511	PD.825	C	4ACSR	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	5.219	0.367	0	0	0	0
PL.18509	PD.825	C	4ACSR	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	5.219	0.367	0	0	0	0
PL.24237	PL.18523	C	4ACSR	7.49Y	124.8	0.00	1.23	0.44	0	3	2	83	0.00	0.0	4.912	0.068	0	0	0	2
081306	PL.24237	C	Consumer	7.49Y	124.8	0.00	1.23	0.31	0	2	1	89	0.00	0.0	4.912	0.000	2	1	1	1
081308	PL.24237	C	Consumer	7.49Y	124.8	0.00	1.23	0.13	0	1	0	100	0.00	0.0	4.912	0.000	1	0	1	1
PL.14724	PL.18523	C	4ACSR	7.49Y	124.8	0.00	1.22	0.06	0	0	0	100	0.00	0.0	4.922	0.078	0	0	0	1
PL.14725	PL.14724	C	4ACSR	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	5.013	0.091	0	0	0	0
081305	PL.14724	C	Consumer	7.49Y	124.8	0.00	1.22	0.06	0	0	0	100	0.00	0.0	4.922	0.000	0	0	1	1
PL.14566	PL.18523	C	4ACSR	7.49Y	124.8	0.00	1.23	0.64	0	4	2	89	0.00	0.0	4.903	0.059	0	0	0	3
PL.14567	PL.14566	C	4ACSR	7.49Y	124.8	0.00	1.23	0.31	0	2	1	89	0.00	0.0	4.937	0.034	0	0	0	1
081310	PL.14567	C	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	4.937	0.000	0	0	0	0
081301	PL.14567	C	Consumer	7.49Y	124.8	0.00	1.23	0.31	0	2	1	89	0.00	0.0	4.937	0.000	2	1	1	1
PL.8319	PL.14567	C	4ACSR	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	4.937	0.000	0	0	0	0
PL.29589	PL.14566	C	4ACSR	7.49Y	124.8	0.00	1.23	0.33	0	2	1	89	0.00	0.0	4.977	0.074	0	0	0	2
081312	PL.29589	C	Consumer	7.49Y	124.8	0.00	1.23	0.28	0	2	1	89	0.00	0.0	4.977	0.000	2	1	1	1
081313	PL.29589	C	Consumer	7.49Y	124.8	0.00	1.23	0.05	0	0	0	100	0.00	0.0	4.977	0.000	0	0	1	1
081307	PL.19362	C	Consumer	7.49Y	124.8	0.00	1.22	0.09	0	1	0	100	0.00	0.0	4.706	0.000	1	0	1	1
082302	PL.15360	C	Consumer	7.49Y	124.8	0.00	1.20	0.08	0	1	0	100	0.00	0.0	4.462	0.000	1	0	1	1
PL.18287	PL.15360	C	4ACSR	7.49Y	124.8	0.00	1.20	0.17	0	1	1	71	0.00	0.0	4.485	0.023	0	0	0	1
PD.822	PL.18287	C	fuse6AMP	7.49Y	124.8	0.00	1.20	0.17	3	1	1	71	0.00	0.0	4.485	0.000	0	0	0	1
PL.18288	PD.822	C	4ACSR	7.49Y	124.8	0.00	1.20	0.17	0	1	1	71	0.00	0.0	4.572	0.087	0	0	0	1
082301	PL.18288	C	Consumer	7.49Y	124.8	0.00	1.20	0.17	0	1	1	71	0.00	0.0	4.572	0.000	1	1	1	1
082319	PL.17442	C	Consumer	7.49Y	124.8	0.00	1.19	0.13	0	1	0	100	0.00	0.0	4.388	0.000	1	0	1	1
082323	PL.17442	C	Consumer	7.49Y	124.8	0.00	1.19	0.03	0	0	0	100	0.00	0.0	4.388	0.000	0	0	1	1
082331	PL.14726	C	Consumer	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	4.338	0.000	0	0	1	1
082303	PL.14726	C	Consumer	7.49Y	124.8	0.00	1.18	0.17	0	1	1	71	0.00	0.0	4.338	0.000	1	1	1	1
PL.24238	PL.14230	C	4ACSR	7.49Y	124.8	0.00	1.17	0.16	0	1	1	71	0.00	0.0	4.345	0.055	0	0	0	1
082329	PL.24238	C	Consumer	7.49Y	124.8	0.00	1.17	0.16	0	1	1	71	0.00	0.0	4.345	0.000	1	1	1	1
082314	PL.14229	C	Consumer	7.49Y	124.9	0.00	1.13	0.19	0	1	1	71	0.00	0.0	4.081	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
PL.26406	PL.18964	C	4ACSR	7.50Y	125.0	0.00	1.04	0.79	0	5	3	86	0.00	0.0	3.750	0.019	0	0	0	2
PD.1170	PL.26406	C	fuse6AMP	7.50Y	125.0	0.00	1.04	0.79	13	5	3	86	0.00	0.0	3.750	0.000	0	0	0	2
PL.26407	PD.1170	C	4ACSR	7.50Y	125.0	0.00	1.04	0.79	0	5	3	86	0.00	0.0	3.793	0.043	0	0	0	2
082327	PL.26407	C	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	3.793	0.000	0	0	0	0
082316	PL.26407	C	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	3.793	0.000	0	0	0	0
082328	PL.26407	C	Consumer	7.50Y	125.0	0.00	1.04	0.76	0	5	3	86	0.00	0.0	3.793	0.000	5	3	1	1
082324	PL.26407	C	Consumer	7.50Y	125.0	0.00	1.04	0.03	0	0	0	100	0.00	0.0	3.793	0.000	0	0	1	1
PL.14227	PL.44172	A	1/0CU	7.57Y	126.1	0.01	-0.15	3.70	1	24	14	86	0.00	0.0	3.541	0.137	0	0	0	14
		B		7.50Y	125.0	-0.00	1.02	0.00	0	0	0	100					0	0	0	1
		C		7.50Y	125.1	0.01	0.94	2.00	0	13	7	87					0	0	0	11
PL.21873	PL.14227	A	1/0CU	7.57Y	126.1	0.03	-0.12	3.70	1	24	14	86	0.01	0.0	3.980	0.439	0	0	0	14
		B		7.50Y	125.0	-0.01	1.01	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	125.0	0.02	0.96	2.00	0	13	7	87					0	0	0	11
PD.2752-A	PL.21873	A	Closed	7.57Y	126.1	0.00	-0.12	3.70	0	24	14	86	0.00	0.0	3.980	0.000	0	0	0	14
		B		7.50Y	125.0	0.00	1.01	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	125.0	0.00	0.96	2.00	0	13	7	87					0	0	0	11
PD.2752-B	PD.2752-A	A	Closed	7.57Y	126.1	0.00	-0.12	3.70	0	24	14	86	0.00	0.0	3.980	0.000	0	0	0	14
		B		7.50Y	125.0	0.00	1.01	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	125.0	0.00	0.96	2.00	0	13	7	87					0	0	0	11
PL.21874	PD.2752-B	A	1/0CU	7.57Y	126.1	0.00	-0.12	3.70	1	24	14	86	0.00	0.0	4.026	0.046	0	0	0	14
		B		7.50Y	125.0	-0.00	1.01	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	125.0	0.00	0.96	2.00	0	13	7	87					0	0	0	11
PL.204	PL.21874	A	1/0CU	7.57Y	126.1	0.01	-0.11	3.70	1	24	14	86	0.00	0.0	4.131	0.105	0	0	0	14
		B		7.50Y	125.0	-0.00	1.00	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	125.0	0.00	0.96	2.00	0	13	7	87					0	0	0	11
PL.14218	PL.204	A	1/0CU	7.57Y	126.1	-0.00	-0.11	0.00	0	0	0	100	0.00	0.0	4.226	0.095	0	0	0	0
		B		7.50Y	125.0	0.00	1.00	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	125.0	0.00	0.97	2.00	0	13	7	87					0	0	0	11
PL.26411	PL.14218	C	4ACSR	7.50Y	125.0	0.00	0.97	2.00	1	13	7	88	0.00	0.0	4.229	0.003	0	0	0	11
PD.2856	PL.26411	C	fuse8AMP	7.50Y	125.0	0.00	0.97	2.00	27	13	7	88	0.00	0.0	4.229	0.000	0	0	0	11
PL.26412	PD.2856	C	4ACSR	7.50Y	125.0	0.00	0.97	2.00	1	13	7	88	0.00	0.0	4.268	0.039	0	0	0	11
577902	PL.26412	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	4.268	0.000	0	0	0	0
577903	PL.26412	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	4.268	0.000	0	0	1	1
PL.7547	PL.26412	C	4ACSR	7.50Y	125.0	0.00	0.97	1.25	1	8	5	85	0.00	0.0	4.319	0.052	0	0	0	7
5778005	PL.7547	C	Consumer	7.50Y	125.0	0.00	0.97	0.42	0	3	2	83	0.00	0.0	4.319	0.000	3	2	1	1
577801	PL.7547	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	4.319	0.000	0	0	0	0
577804	PL.7547	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	4.319	0.000	0	0	1	1
577803	PL.7547	C	Consumer	7.50Y	125.0	0.00	0.97	0.09	0	1	0	100	0.00	0.0	4.319	0.000	1	0	1	1
PL.7546	PL.7547	C	4ACSR	7.50Y	125.0	0.00	0.97	0.74	0	5	3	86	0.00	0.0	4.336	0.016	0	0	0	4
PL.7545	PL.7546	C	4ACSR	7.50Y	125.0	0.00	0.97	0.32	0	2	1	89	0.00	0.0	4.371	0.036	0	0	0	2
576803	PL.7545	C	Consumer	7.50Y	125.0	0.00	0.97	0.25	0	2	1	89	0.00	0.0	4.371	0.000	2	1	1	1
576805	PL.7545	C	Consumer	7.50Y	125.0	0.00	0.97	0.08	0	0	0	100	0.00	0.0	4.371	0.000	0	0	1	1
576809	PL.7545	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	4.371	0.000	0	0	0	0
576808	PL.7545	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	4.371	0.000	0	0	0	0
576804	PL.7546	C	Consumer	7.50Y	125.0	0.00	0.97	0.21	0	1	1	71	0.00	0.0	4.336	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
576806	PL.7546	C	Consumer	7.50Y	125.0	0.00	0.97	0.21	0	1	1	71	0.00	0.0	4.336	0.000	1	1	1	1
PL.14220	PL.26412	C	4ACSR	7.50Y	125.0	0.00	0.97	0.75	0	5	3	86	0.00	0.0	4.293	0.025	0	0	0	3
577910	PL.14220	C	Consumer	7.50Y	125.0	0.00	0.97	0.16	0	1	1	71	0.00	0.0	4.293	0.000	1	1	1	1
PL.7550	PL.14220	C	4ACSR	7.50Y	125.0	0.00	0.97	0.59	0	4	2	89	0.00	0.0	4.305	0.012	0	0	0	2
PL.7548	PL.7550	C	4ACSR	7.50Y	125.0	0.00	0.97	0.59	0	4	2	89	0.00	0.0	4.331	0.025	0	0	0	2
578905	PL.7548	C	Consumer	7.50Y	125.0	0.00	0.97	0.43	0	3	2	83	0.00	0.0	4.331	0.000	3	2	1	1
578901	PL.7548	C	Consumer	7.50Y	125.0	0.00	0.97	0.16	0	1	1	71	0.00	0.0	4.331	0.000	1	1	1	1
577909	PL.7550	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	4.305	0.000	0	0	0	0
PL.14217	PL.14218	A B C	1/0CU	7.57Y 7.50Y 7.50Y	126.1 125.0 125.0	0.00 0.00 0.00	-0.11 1.00 0.97	0.00 0.00 0.00	0 0 0	0 0 0	0 0 0	100 100 100	0.00 0.00 0.00	0.0 0.0 0.0	4.262	0.036	0 0 0	0 0 0	0 0 0	0 0 0
PD.193-A	PL.14217	A B C	Open	7.57Y 7.50Y 7.50Y	126.1 125.0 125.0	0.00 0.00 0.00	-0.11 1.00 0.97	0.00 0.00 0.00	0 0 0	0 0 0	0 0 0	100 100 100	0.00 0.00 0.00	0.0 0.0 0.0	4.262	0.000	0 0 0	0 0 0	0 0 0	0 0 0
PL.28090	PL.204	A	4ACSR	7.57Y	126.1	0.00	-0.11	3.70	2	24	14	86	0.00	0.0	4.137	0.006	0	0	0	14
PD.3725	PL.28090	A	0VXE	7.57Y	126.1	0.00	-0.11	3.70	0	24	14	86	0.00	0.0	4.137	0.000	0	0	0	14
PL.28091	PD.3725	A	4ACSR	7.57Y	126.1	0.01	-0.10	3.70	2	24	14	86	0.00	0.0	4.178	0.041	0	0	0	14
PL.15361	PL.28091	A	4ACSR	7.57Y	126.1	0.00	-0.10	3.70	2	24	14	86	0.00	0.0	4.178	0.000	0	0	0	14
PL.15362	PL.15361	A	4ACSR	7.57Y	126.1	0.01	-0.10	3.51	2	23	13	87	0.00	0.0	4.212	0.034	0	0	0	13
577905	PL.15362	A	Consumer	7.57Y	126.1	0.00	-0.10	0.20	0	1	1	71	0.00	0.0	4.212	0.000	1	1	1	1
577906	PL.15362	A	Consumer	7.57Y	126.1	0.00	-0.10	0.19	0	1	1	71	0.00	0.0	4.212	0.000	1	1	1	1
PL.15358	PL.15362	A	4ACSR	7.57Y	126.1	0.01	-0.09	3.12	2	20	12	86	0.00	0.0	4.268	0.055	0	0	0	11
PL.15365	PL.15358	A	4ACSR	7.57Y	126.1	0.00	-0.09	1.63	1	11	6	88	0.00	0.0	4.308	0.040	0	0	0	6
PL.15364	PL.15365	A	4ACSR	7.57Y	126.1	0.00	-0.09	1.63	1	11	6	88	0.00	0.0	4.334	0.026	0	0	0	6
PL.7549	PL.15364	A	4ACSR	7.56Y	126.1	0.01	-0.08	1.63	1	11	6	88	0.00	0.0	4.424	0.090	0	0	0	6
579901	PL.7549	A	Consumer	7.56Y	126.1	0.00	-0.08	0.02	0	0	0	100	0.00	0.0	4.424	0.000	0	0	1	1
579903	PL.7549	A	Consumer	7.56Y	126.1	0.00	-0.08	0.00	0	0	0	100	0.00	0.0	4.424	0.000	0	0	0	0
579902	PL.7549	A	Consumer	7.56Y	126.1	0.00	-0.08	0.21	0	1	1	71	0.00	0.0	4.424	0.000	1	1	1	1
PL.14221	PL.7549	A	4ACSR	7.56Y	126.1	0.01	-0.07	1.39	1	9	5	87	0.00	0.0	4.585	0.161	0	0	0	4
PL.14222	PL.14221	A	4ACSR	7.56Y	126.1	0.00	-0.07	1.39	1	9	5	87	0.00	0.0	4.585	0.000	0	0	0	4
PL.24499	PL.14222	A	4ACSR	7.56Y	126.1	0.00	-0.07	0.61	0	4	2	89	0.00	0.0	4.624	0.039	0	0	0	3
0832108	PL.24499	A	Consumer	7.56Y	126.1	0.00	-0.07	0.08	0	1	0	100	0.00	0.0	4.624	0.000	1	0	1	1
0832107	PL.24499	A	Consumer	7.56Y	126.1	0.00	-0.07	0.14	0	1	1	71	0.00	0.0	4.624	0.000	1	1	1	1
0832106	PL.24499	A	Consumer	7.56Y	126.1	0.00	-0.07	0.39	0	3	1	95	0.00	0.0	4.624	0.000	3	1	1	1
PL.14727	PL.14222	A	4ACSR	7.56Y	126.1	0.00	-0.06	0.78	0	5	3	86	0.00	0.0	4.684	0.099	0	0	0	1
PL.38141	PL.14727	A	4ACSR	7.56Y	126.1	0.00	-0.06	0.00	0	0	0	100	0.00	0.0	4.747	0.063	0	0	0	0
PD.6620-A	PL.38141	A	Closed	7.56Y	126.1	0.00	-0.06	0.00	0	0	0	100	0.00	0.0	4.747	0.000	0	0	0	0
PD.6620-B	PD.6620-A	A	Closed	7.56Y	126.1	0.00	-0.06	0.00	0	0	0	100	0.00	0.0	4.747	0.000	0	0	0	0
PL.38142	PD.6620-B	A	4ACSR	7.56Y	126.1	0.00	-0.06	0.00	0	0	0	100	0.00	0.0	4.754	0.007	0	0	0	0
PL.38140	PL.38142	A	4ACSR	7.56Y	126.1	0.00	-0.06	0.00	0	0	0	100	0.00	0.0	4.759	0.005	0	0	0	0

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PD.579-B	PL.38140	A	Open	7.56Y	126.1	0.00	-0.06	0.00	0	0	0	100	0.00	0.0	4.759	0.000	0	0	0	0
PL.38129	PL.38142	A	4ACSR	7.56Y	126.1	0.00	-0.06	0.00	0	0	0	100	0.00	0.0	4.757	0.003	0	0	0	0
PL.38130	PL.38129	A	4ACSR	7.56Y	126.1	0.00	-0.06	0.00	0	0	0	100	0.00	0.0	4.760	0.003	0	0	0	0
PL.38137	PL.38130	A	4ACSR	7.56Y	126.1	0.00	-0.06	0.00	0	0	0	100	0.00	0.0	4.880	0.120	0	0	0	0
PD.6619-A	PL.38137	A	Open	7.56Y	126.1	0.00	-0.06	0.00	0	0	0	100	0.00	0.0	4.880	0.000	0	0	0	0
PL.24500	PL.14727	A	4ACSR	7.56Y	126.1	0.00	-0.06	0.78	0	5	3	86	0.00	0.0	4.720	0.036	0	0	0	1
0832109	PL.24500	A	Consumer	7.56Y	126.1	0.00	-0.06	0.78	0	5	3	86	0.00	0.0	4.720	0.000	5	3	1	1
PL.15363	PL.15365	A	4ACSR	7.57Y	126.1	0.00	-0.09	0.00	0	0	0	100	0.00	0.0	4.350	0.042	0	0	0	0
579001	PL.15363	A	Consumer	7.57Y	126.1	0.00	-0.09	0.00	0	0	0	100	0.00	0.0	4.350	0.000	0	0	0	0
PL.42668	PL.15363	A	2ACSR	7.57Y	126.1	0.00	-0.09	0.00	0	0	0	100	0.00	0.0	4.399	0.049	0	0	0	0
5790003	PL.42668	A	Consumer	7.57Y	126.1	0.00	-0.09	0.00	0	0	0	100	0.00	0.0	4.399	0.000	0	0	0	0
578904	PL.15358	A	Consumer	7.57Y	126.1	0.00	-0.09	0.31	0	2	1	89	0.00	0.0	4.268	0.000	2	1	1	1
5790002	PL.15358	A	Consumer	7.57Y	126.1	0.00	-0.09	0.53	0	3	2	83	0.00	0.0	4.268	0.000	3	2	1	1
5789007	PL.15358	A	Consumer	7.57Y	126.1	0.00	-0.09	0.15	0	1	1	71	0.00	0.0	4.268	0.000	1	1	1	1
578906	PL.15358	A	Consumer	7.57Y	126.1	0.00	-0.09	0.12	0	1	0	100	0.00	0.0	4.268	0.000	1	0	1	1
578903	PL.15358	A	Consumer	7.57Y	126.1	0.00	-0.09	0.38	0	2	1	89	0.00	0.0	4.268	0.000	2	1	1	1
577907	PL.15361	A	Consumer	7.57Y	126.1	0.00	-0.10	0.19	0	1	1	71	0.00	0.0	4.178	0.000	1	1	1	1
PL.16346	PL.14227	B	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	3.555	0.013	0	0	0	1
PD.828	PL.16346	B	fuse6AMP	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	3.555	0.000	0	0	0	1
PL.16347	PD.828	B	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	3.677	0.122	0	0	0	1
PL.4640	PL.16347	B	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	3.813	0.137	0	0	0	1
083325	PL.4640	B	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	3.813	0.000	0	0	1	1
083314	PL.4640	B	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	3.813	0.000	0	0	0	0
PL.15032	PL.19386	C	4ACSR	7.51Y	125.2	0.00	0.77	0.47	0	3	2	83	0.00	0.0	2.644	0.023	0	0	0	2
PD.1767	PL.15032	C	fuse6AMP	7.51Y	125.2	0.00	0.77	0.47	8	3	2	83	0.00	0.0	2.644	0.000	0	0	0	2
PL.15033	PD.1767	C	4ACSR	7.51Y	125.2	0.00	0.77	0.47	0	3	2	83	0.00	0.0	2.727	0.083	0	0	0	2
PL.8356	PL.15033	C	4ACSR	7.51Y	125.2	0.00	0.77	0.47	0	3	2	83	0.00	0.0	2.804	0.077	0	0	0	2
082403	PL.8356	C	Consumer	7.51Y	125.2	0.00	0.77	0.42	0	3	2	83	0.00	0.0	2.804	0.000	3	2	1	1
PL.24240	PL.8356	C	4ACSR	7.51Y	125.2	0.00	0.77	0.05	0	0	0	100	0.00	0.0	2.906	0.102	0	0	0	1
082416	PL.24240	C	Consumer	7.51Y	125.2	0.00	0.77	0.05	0	0	0	100	0.00	0.0	2.906	0.000	0	0	1	1
PL.18377	PL.14571	A	1/0CU	7.57Y	126.2	-0.01	-0.17	0.37	0	2	1	89	0.04	0.0	2.511	0.175	0	0	0	3
		B		7.49Y	124.9	0.05	1.09	14.57	3	95	55	87			0	0	0	0	58	
		C		7.52Y	125.3	0.02	0.73	11.56	3	75	44	86			0	0	0	0	41	
PD.3451	PL.18377	A	35V4E	7.57Y	126.2	0.00	-0.17	0.37	1	2	1	89	0.00	0.0	2.511	0.000	0	0	0	3
		B		7.49Y	124.9	0.00	1.09	14.57	0	95	55	87			0	0	0	0	58	
		C		7.52Y	125.3	0.00	0.73	11.56	33	75	44	87			0	0	0	0	41	
PL.40923	PD.3451	A	2ACSR	7.57Y	126.2	0.00	-0.17	0.01	0	0	0	100	0.00	0.0	2.518	0.007	0	0	0	1
PD.7294	PL.40923	A	fuse6AMP	7.57Y	126.2	0.00	-0.17	0.01	0	0	0	100	0.00	0.0	2.518	0.000	0	0	0	1
PL.40924	PD.7294	A	2ACSR	7.57Y	126.2	0.00	-0.17	0.01	0	0	0	100	0.00	0.0	2.695	0.176	0	0	0	1
0824021	PL.40924	A	Consumer	7.57Y	126.2	0.00	-0.17	0.01	0	0	0	100	0.00	0.0	2.695	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.18378	PD.3451	A	1/0CU	7.57Y	126.2	-0.02	-0.19	0.37	0	2	1	89	0.07	0.0	2.804	0.293	0	0	0	2
		B		7.49Y	124.8	0.09	1.19	14.57	3	95	55	87	0	0			0	0	58	
		C		7.51Y	125.2	0.04	0.77	11.56	3	75	44	87	0	0			0	41		
PL.15030	PL.18378	C	4ACSR	7.51Y	125.2	0.00	0.77	1.38	1	9	5	87	0.00	0.0	2.829	0.025	0	0	0	2
PD.2017	PL.15030	C	fuse6AMP	7.51Y	125.2	0.00	0.77	1.38	24	9	5	87	0.00	0.0	2.829	0.000	0	0	0	2
PL.15031	PD.2017	C	4ACSR	7.51Y	125.2	0.00	0.77	1.38	1	9	5	87	0.00	0.0	2.869	0.040	0	0	0	2
PL.5197	PL.15031	C	4ACSR	7.51Y	125.2	0.01	0.78	0.81	0	5	3	86	0.00	0.0	3.047	0.178	0	0	0	1
0814026	PL.5197	C	Consumer	7.51Y	125.2	0.00	0.78	0.81	0	5	3	86	0.00	0.0	3.047	0.000	5	3	1	1
PL.5199	PL.15031	C	4ACSR	7.51Y	125.2	0.00	0.77	0.57	0	4	2	89	0.00	0.0	2.957	0.089	0	0	0	1
081412	PL.5199	C	Consumer	7.51Y	125.2	0.00	0.77	0.57	0	4	2	89	0.00	0.0	2.957	0.000	4	2	1	1
PL.14226	PL.18378	A	1/0CU	7.57Y	126.2	-0.04	-0.23	0.37	0	2	1	89	0.14	0.1	3.491	0.687	0	0	0	2
		B		7.48Y	124.6	0.21	1.40	14.57	3	95	54	87	0	0			0	58		
		C		7.51Y	125.2	0.07	0.84	10.18	2	66	38	87	0	0			0	39		
PL.7640	PL.14226	A	1/0CU	7.57Y	126.2	-0.01	-0.24	0.37	0	2	1	89	0.01	0.0	3.670	0.179	0	0	0	2
		B		7.48Y	124.6	0.01	1.41	2.28	1	15	9	87	0	0			0	10		
		C		7.51Y	125.1	0.04	0.87	10.18	2	66	38	87	0	0			0	39		
PL.15024	PL.7640	C	4ACSR	7.51Y	125.1	0.00	0.87	0.63	0	4	2	89	0.00	0.0	3.694	0.024	0	0	0	1
PD.2018	PL.15024	C	fuse6AMP	7.51Y	125.1	0.00	0.87	0.63	11	4	2	89	0.00	0.0	3.694	0.000	0	0	0	1
PL.15025	PD.2018	C	4ACSR	7.51Y	125.1	0.00	0.87	0.63	0	4	2	89	0.00	0.0	3.784	0.091	0	0	0	1
081413	PL.15025	C	Consumer	7.51Y	125.1	0.00	0.87	0.63	0	4	2	89	0.00	0.0	3.784	0.000	4	2	1	1
PL.15374	PL.7640	A	1/0CU	7.57Y	126.2	-0.01	-0.25	0.37	0	2	1	89	0.01	0.0	3.755	0.085	0	0	0	2
		B		7.48Y	124.6	0.00	1.41	2.28	1	15	9	87	0	0			0	10		
		C		7.51Y	125.1	0.02	0.89	9.43	2	61	35	87	0	0			0	37		
PL.42760	PL.15374	C	4ACSR	7.51Y	125.1	0.00	0.89	0.84	0	5	3	86	0.00	0.0	3.760	0.005	0	0	0	3
PD.1774	PL.42760	C	fuse6AMP	7.51Y	125.1	0.00	0.89	0.84	14	5	3	86	0.00	0.0	3.760	0.000	0	0	0	3
PL.42761	PD.1774	C	4ACSR	7.51Y	125.1	0.00	0.89	0.40	0	3	1	95	0.00	0.0	3.849	0.089	0	0	0	1
081515	PL.42761	C	Consumer	7.51Y	125.1	0.00	0.89	0.40	0	3	1	95	0.00	0.0	3.849	0.000	3	1	1	1
PL.42762	PD.1774	C	4ACSR	7.51Y	125.1	0.00	0.89	0.45	0	3	2	83	0.00	0.0	3.849	0.089	0	0	0	2
081511	PL.42762	C	Consumer	7.51Y	125.1	0.00	0.89	0.41	0	3	2	83	0.00	0.0	3.849	0.000	3	2	1	1
081517	PL.42762	C	Consumer	7.51Y	125.1	0.00	0.89	0.03	0	0	0	100	0.00	0.0	3.849	0.000	0	0	1	1
PL.15029	PL.15374	A	1/0CU	7.58Y	126.3	-0.00	-0.25	0.37	0	2	1	89	0.00	0.0	3.816	0.062	0	0	0	2
		B		7.48Y	124.6	0.00	1.42	2.28	1	15	9	87	0	0			0	10		
		C		7.51Y	125.1	0.01	0.90	8.59	2	56	32	87	0	0			0	34		
PD.578-A	PL.15029	A	Closed	7.58Y	126.3	0.00	-0.25	0.37	0	2	1	89	0.00	0.0	3.816	0.000	0	0	0	2
		B		7.48Y	124.6	0.00	1.42	2.28	0	15	9	87	0	0			0	10		
		C		7.51Y	125.1	0.00	0.90	8.59	0	56	32	87	0	0			0	34		
PD.578-B	PD.578-A	A	Closed	7.58Y	126.3	0.00	-0.25	0.37	0	2	1	89	0.00	0.0	3.816	0.000	0	0	0	2
		B		7.48Y	124.6	0.00	1.42	2.28	0	15	9	87	0	0			0	10		
		C		7.51Y	125.1	0.00	0.90	8.59	0	56	32	87	0	0			0	34		
PL.15028	PD.578-B	A	1/0CU	7.58Y	126.3	-0.01	-0.26	0.37	0	2	1	89	0.01	0.0	3.927	0.110	0	0	0	2
		B		7.47Y	124.6	0.01	1.42	2.28	1	15	9	87	0	0			0	10		
		C		7.51Y	125.1	0.02	0.91	8.59	2	56	32	87	0	0			0	34		
PL.15375	PL.15028	A	1/0CU	7.58Y	126.3	-0.01	-0.26	0.37	0	2	1	89	0.01	0.0	4.068	0.141	0	0	0	2
		B		7.47Y	124.6	0.01	1.43	2.28	1	15	9	87	0	0			0	10		
		C		7.50Y	125.1	0.02	0.94	8.56	2	56	32	87	0	0			0	33		
PL.18519	PL.15375	C	4ACSR	7.50Y	125.1	0.00	0.94	2.18	1	14	8	87	0.00	0.0	4.091	0.023	0	0	0	11
PD.2021	PL.18519	C	fuse6AMP	7.50Y	125.1	0.00	0.94	2.18	37	14	8	87	0.00	0.0	4.091	0.000	0	0	0	11

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.18520	PD.2021	C	4ACSR	7.50Y	125.1	0.01	0.95	2.18	1	14	8	87	0.00	0.0	4.158	0.067	0	0	0	11
PL.8350	PL.18520	C	4ACSR	7.50Y	125.1	0.00	0.95	0.73	0	5	3	86	0.00	0.0	4.206	0.048	0	0	0	4
080509	PL.8350	C	Consumer	7.50Y	125.1	0.00	0.95	0.22	0	1	1	71	0.00	0.0	4.206	0.000	1	1	1	1
PL.8351	PL.8350	C	4ACSR	7.50Y	125.1	0.00	0.95	0.51	0	3	2	83	0.00	0.0	4.253	0.047	0	0	0	3
080526	PL.8351	C	Consumer	7.50Y	125.1	0.00	0.95	0.23	0	1	1	71	0.00	0.0	4.253	0.000	1	1	1	1
080501	PL.8351	C	Consumer	7.50Y	125.1	0.00	0.95	0.25	0	2	1	89	0.00	0.0	4.253	0.000	2	1	1	1
080522	PL.8351	C	Consumer	7.50Y	125.1	0.00	0.95	0.03	0	0	0	100	0.00	0.0	4.253	0.000	0	0	1	1
PL.15376	PL.18520	C	4ACSR	7.50Y	125.0	0.01	0.96	1.45	1	9	5	87	0.00	0.0	4.341	0.183	0	0	0	7
080516	PL.15376	C	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	4.341	0.000	0	0	0	0
080507	PL.15376	C	Consumer	7.50Y	125.0	0.00	0.96	0.16	0	1	1	71	0.00	0.0	4.341	0.000	1	1	1	1
080524	PL.15376	C	Consumer	7.50Y	125.0	0.00	0.96	0.50	0	3	2	83	0.00	0.0	4.341	0.000	3	2	1	1
PL.15377	PL.15376	C	4ACSR	7.50Y	125.0	0.00	0.96	0.21	0	1	1	71	0.00	0.0	4.488	0.148	0	0	0	3
PL.23816	PL.15377	C	4ACSR	7.50Y	125.0	0.00	0.96	0.21	0	1	1	71	0.00	0.0	4.489	0.000	0	0	0	3
PL.20684	PL.23816	C	4ACSR	7.50Y	125.0	0.00	0.96	0.21	0	1	1	71	0.00	0.0	4.528	0.039	0	0	0	3
029515	PL.20684	C	Consumer	7.50Y	125.0	0.00	0.96	0.21	0	1	1	71	0.00	0.0	4.528	0.000	1	1	1	1
PL.20685	PL.20684	C	4ACSR	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	4.576	0.048	0	0	0	2
PL.39800	PL.20685	C	2ACSR	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	4.623	0.047	0	0	0	1
0295017	PL.39800	C	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	4.623	0.000	0	0	1	1
029516	PL.20685	C	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	4.576	0.000	0	0	1	1
PL.18991	PL.15376	C	4ACSR	7.50Y	125.0	0.00	0.96	0.57	0	4	2	89	0.00	0.0	4.415	0.074	0	0	0	2
080519	PL.18991	C	Consumer	7.50Y	125.0	0.00	0.96	0.16	0	1	1	71	0.00	0.0	4.415	0.000	1	1	1	1
PL.18992	PL.18991	C	4ACSR	7.50Y	125.0	0.00	0.96	0.42	0	3	2	83	0.00	0.0	4.474	0.059	0	0	0	1
080512	PL.18992	C	Consumer	7.50Y	125.0	0.00	0.96	0.42	0	3	2	83	0.00	0.0	4.474	0.000	3	2	1	1
PL.14876	PL.15375	A	1/0CU	7.58Y	126.3	-0.00	-0.27	0.37	0	2	1	89	0.00	0.0	4.186	0.118	0	0	0	2
		B		7.47Y	124.6	0.01	1.44	2.28	1	15	9	87			0	0	0	0	10	
		C		7.50Y	125.0	0.01	0.95	6.39	1	41	24	87			0	0	0	0	22	
PL.19144	PL.14876	A	1/0CU	7.58Y	126.3	-0.00	-0.27	0.37	0	2	1	89	0.00	0.0	4.215	0.030	0	0	0	2
		B		7.47Y	124.6	0.00	1.44	2.28	1	15	9	87			0	0	0	0	10	
		C		7.50Y	125.0	0.00	0.95	6.30	1	41	24	87			0	0	0	0	21	
PL.19143	PL.19144	A	1/0CU	7.58Y	126.3	-0.00	-0.27	0.37	0	2	1	89	0.00	0.0	4.297	0.082	0	0	0	2
		B		7.47Y	124.6	0.00	1.44	2.22	1	14	8	87			0	0	0	0	9	
		C		7.50Y	125.0	0.01	0.96	6.30	1	41	24	87			0	0	0	0	21	
080523	PL.19143	A	Consumer	7.58Y	126.3	0.00	-0.27	0.36	0	2	1	89	0.00	0.0	4.297	0.000	2	1	1	1
PL.8354	PL.19143	A	1/0CU	7.58Y	126.3	-0.00	-0.27	0.00	0	0	0	100	0.00	0.0	4.319	0.022	0	0	0	1
		B		7.47Y	124.6	0.00	1.44	2.22	1	14	8	87			0	0	0	0	9	
		C		7.50Y	125.0	0.00	0.97	6.30	1	41	24	87			0	0	0	0	21	
PL.26797	PL.8354	A	1/0CU	7.58Y	126.3	-0.00	-0.28	0.00	0	0	0	100	0.00	0.0	4.384	0.065	0	0	0	1
		B		7.47Y	124.6	0.00	1.45	2.22	1	14	8	87			0	0	0	0	9	
		C		7.50Y	125.0	0.01	0.97	6.30	1	41	24	87			0	0	0	0	21	
PD.2023	PL.26797	A	fuse6AMP	7.58Y	126.3	0.00	-0.28	0.00	0	0	0	100	0.00	0.0	4.384	0.000	0	0	0	1
		B		7.47Y	124.6	0.00	1.45	2.22	38	14	8	87			0	0	0	0	9	
C		C		7.50Y	125.0	0.00	0.97	6.30	108	41	24	87			0	0	0	0	21	C
PL.19847	PD.2023	A	1/0CU	7.58Y	126.3	-0.00	-0.28	0.00	0	0	0	100	0.00	0.0	4.408	0.023	0	0	0	1
		B		7.47Y	124.6	0.00	1.45	2.22	1	14	8	87			0	0	0	0	9	
		C		7.50Y	125.0	0.00	0.98	6.30	1	41	24	87			0	0	0	0	21	

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
080513	PL.19847	B	Consumer	7.47Y	124.6	0.00	1.45	0.15	0	1	1	71	0.00	0.0	4.408	0.000	1	1	1	1		
080527	PL.19847	C	Consumer	7.50Y	125.0	0.00	0.98	0.12	0	1	0	100	0.00	0.0	4.408	0.000	1	0	1	1		
PL.19846	PL.19847	A	1/0CU	7.58Y	126.3	-0.00	-0.28	0.00	0	0	0	100	0.00	0.0	4.438	0.030	0	0	0	1		
		B		7.47Y	124.6	0.00	1.45	2.07	0	13	8	87					0	0	0	8		
		C		7.50Y	125.0	0.00	0.98	6.18	1	40	23	87					0	0	0	20		
PL.8355	PL.19846	A	1/0CU	7.58Y	126.3	-0.00	-0.28	0.00	0	0	0	100	0.00	0.0	4.439	0.001	0	0	0	1		
		B		7.47Y	124.6	0.00	1.45	2.07	0	13	8	87					0	0	0	8		
		C		7.50Y	125.0	0.00	0.98	6.18	1	40	23	87					0	0	0	20		
PL.23817	PL.8355	A	1/0CU	7.58Y	126.3	0.00	-0.28	0.00	0	0	0	100	0.00	0.0	4.439	0.000	0	0	0	0		
		B		7.47Y	124.6	0.00	1.45	0.00	0	0	0	100					0	0	0	0		
		C		7.50Y	125.0	0.00	0.98	0.00	0	0	0	100					0	0	0	0		
PL.20687	PL.8355	A	1/0CU	7.58Y	126.3	-0.01	-0.29	0.00	0	0	0	100	0.00	0.0	4.580	0.142	0	0	0	1		
		B		7.47Y	124.5	0.01	1.46	2.07	0	13	8	87					0	0	0	8		
		C		7.50Y	125.0	0.02	1.00	6.18	1	40	23	87					0	0	0	20		
PL.20686	PL.20687	A	1/0CU	7.58Y	126.3	-0.01	-0.29	0.00	0	0	0	100	0.00	0.0	4.700	0.119	0	0	0	1		
		B		7.47Y	124.5	0.01	1.46	1.88	0	12	7	87					0	0	0	7		
		C		7.50Y	125.0	0.01	1.01	6.18	1	40	23	87					0	0	0	20		
PL.23818	PL.20686	A	4ACSR	7.58Y	126.3	0.00	-0.29	0.00	0	0	0	100	0.00	0.0	4.770	0.070	0	0	0	1		
029511	PL.23818	A	Consumer	7.58Y	126.3	0.00	-0.29	0.00	0	0	0	100	0.00	0.0	4.770	0.000	0	0	1	1		
PL.14878	PL.20686	A	1/0CU	7.58Y	126.3	-0.01	-0.30	0.00	0	0	0	100	0.00	0.0	4.848	0.148	0	0	0	0		
		B		7.47Y	124.5	0.01	1.47	1.88	0	12	7	87					0	0	0	7		
		C		7.50Y	125.0	0.02	1.03	6.18	1	40	23	87					0	0	0	20		
PL.20232	PL.14878	B	4ACSR	7.47Y	124.5	0.00	1.47	0.12	0	1	0	100	0.00	0.0	4.857	0.009	0	0	0	1		
PD.1116	PL.20232	B	fuse6AMP	7.47Y	124.5	0.00	1.47	0.12	2	1	0	100	0.00	0.0	4.857	0.000	0	0	0	1		
PL.20233	PD.1116	B	4ACSR	7.47Y	124.5	0.00	1.47	0.12	0	1	0	100	0.00	0.0	4.951	0.094	0	0	0	1		
029507	PL.20233	B	Consumer	7.47Y	124.5	0.00	1.47	0.12	0	1	0	100	0.00	0.0	4.951	0.000	1	0	1	1		
PL.14877	PL.14878	A	1/0CU	7.58Y	126.3	-0.00	-0.30	0.00	0	0	0	100	0.00	0.0	4.880	0.031	0	0	0	0		
		B		7.47Y	124.5	0.00	1.47	1.76	0	11	7	87					0	0	0	6		
		C		7.50Y	125.0	0.00	1.03	6.18	1	40	23	87					0	0	0	20		
PL.26587	PL.14877	A	1/0CU	7.58Y	126.3	-0.00	-0.30	0.00	0	0	0	100	0.00	0.0	4.881	0.002	0	0	0	0		
		B		7.47Y	124.5	0.00	1.47	1.76	0	11	7	87					0	0	0	6		
		C		7.50Y	125.0	0.00	1.03	6.18	1	40	23	87					0	0	0	20		
PL.26586	PL.26587	A	1/0CU	7.58Y	126.3	-0.00	-0.30	0.00	0	0	0	100	0.00	0.0	4.968	0.087	0	0	0	0		
		B		7.47Y	124.5	0.00	1.47	1.76	0	11	7	87					0	0	0	6		
		C		7.50Y	125.0	0.00	1.03	2.09	0	14	8	87					0	0	0	5		
PL.14883	PL.26586	A	1/0CU	7.58Y	126.3	-0.01	-0.31	0.00	0	0	0	100	0.00	0.0	5.449	0.481	0	0	0	0		
		B		7.47Y	124.5	0.02	1.49	1.73	0	11	6	87					0	0	0	5		
		C		7.50Y	125.0	0.01	1.05	2.09	0	14	8	87					0	0	0	5		
PL.14884	PL.14883	A	1/0CU	7.58Y	126.3	-0.00	-0.31	0.00	0	0	0	100	0.00	0.0	5.511	0.062	0	0	0	0		
		B		7.47Y	124.5	0.00	1.49	1.48	0	10	6	87					0	0	0	4		
		C		7.50Y	124.9	0.00	1.05	2.09	0	14	8	87					0	0	0	5		
PL.45652	PL.14884	B	4ACSR	7.47Y	124.5	0.00	1.49	0.58	0	4	2	89	0.00	0.0	5.578	0.067	0	0	0	1		
PL.45651	PL.45652	B	4ACSR	7.47Y	124.5	0.00	1.50	0.58	0	4	2	89	0.00	0.0	5.626	0.048	0	0	0	1		
028529	PL.45651	B	Consumer	7.47Y	124.5	0.00	1.50	0.58	0	4	2	89	0.00	0.0	5.626	0.000	4	2	1	1		
PL.45650	PL.45652	B	4ACSR	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	5.618	0.040	0	0	0	0		
0285033	PL.45650	B	Consumer	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	5.618	0.000	0	0	0	0		
PL.19493	PL.14884	A	1/0CU	7.58Y	126.3	-0.00	-0.31	0.00	0	0	0	100	0.00	0.0	5.551	0.041	0	0	0	0		
		B		7.47Y	124.5	0.00	1.49	0.91	0	6	3	87					0	0	0	3		
		C		7.50Y	124.9	0.00	1.05	2.09	0	14	8	87					0	0	0	5		
028503	PL.19493	B	Consumer	7.47Y	124.5	0.00	1.49	0.13	0	1	0	100	0.00	0.0	5.551	0.000	1	0	1	1		

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.20251	PL.19493	A	1/0CU	7.58Y	126.3	-0.00	-0.31	0.00	0	0	0	100	0.00	0.0	5.685	0.134	0	0	0	0
		B		7.47Y	124.5	0.00	1.50	0.78	0	5	3	87					0	0	0	2
		C		7.50Y	124.9	0.01	1.06	2.09	0	14	8	87					0	0	0	5
PD.233-A	PL.20251	A	Closed	7.58Y	126.3	0.00	-0.31	0.00	0	0	0	100	0.00	0.0	5.685	0.000	0	0	0	0
		B		7.47Y	124.5	0.00	1.50	0.78	0	5	3	87					0	0	0	2
		C		7.50Y	124.9	0.00	1.06	2.09	0	14	8	87					0	0	0	5
PD.233-B	PD.233-A	A	Closed	7.58Y	126.3	0.00	-0.31	0.00	0	0	0	100	0.00	0.0	5.685	0.000	0	0	0	0
		B		7.47Y	124.5	0.00	1.50	0.78	0	5	3	87					0	0	0	2
		C		7.50Y	124.9	0.00	1.06	2.09	0	14	8	87					0	0	0	5
PL.20250	PD.233-B	A	1/0CU	7.58Y	126.3	-0.00	-0.31	0.00	0	0	0	100	0.00	0.0	5.723	0.038	0	0	0	0
		B		7.47Y	124.5	0.00	1.50	0.78	0	5	3	87					0	0	0	2
		C		7.50Y	124.9	0.00	1.06	2.09	0	14	8	87					0	0	0	5
PL.2003	PL.20250	B	4ACSR	7.47Y	124.5	0.00	1.50	0.78	0	5	3	86	0.00	0.0	5.806	0.082	0	0	0	2
028530	PL.2003	B	Consumer	7.47Y	124.5	0.00	1.50	0.47	0	3	2	83	0.00	0.0	5.806	0.000	3	2	1	1
0285032	PL.2003	B	Consumer	7.47Y	124.5	0.00	1.50	0.31	0	2	1	89	0.00	0.0	5.806	0.000	2	1	1	1
PL.14885	PL.20250	A	1/0CU	7.58Y	126.3	-0.00	-0.31	0.00	0	0	0	100	0.00	0.0	5.792	0.069	0	0	0	0
		B		7.47Y	124.5	0.00	1.50	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	124.9	0.00	1.06	2.09	0	14	8	87					0	0	0	5
PL.15034	PL.14885	A	1/0CU	7.58Y	126.3	-0.00	-0.31	0.00	0	0	0	100	0.00	0.0	5.950	0.158	0	0	0	0
		B		7.47Y	124.5	0.00	1.50	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	124.9	0.01	1.07	1.54	0	10	6	87					0	0	0	3
PL.14886	PL.15034	A	1/0CU	7.58Y	126.3	-0.00	-0.32	0.00	0	0	0	100	0.00	0.0	6.170	0.220	0	0	0	0
		B		7.47Y	124.5	0.00	1.50	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	124.9	0.00	1.07	0.71	0	5	3	87					0	0	0	1
PL.14953	PL.14886	A	1/0CU	7.58Y	126.3	-0.00	-0.32	0.00	0	0	0	100	0.00	0.0	6.218	0.048	0	0	0	0
		B		7.47Y	124.5	0.00	1.50	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	124.9	0.00	1.07	0.71	0	5	3	87					0	0	0	1
PL.45991	PL.14953	A	1/0CU	7.58Y	126.3	0.00	-0.32	0.00	0	0	0	100	0.00	0.0	6.249	0.031	0	0	0	0
		B		7.47Y	124.5	0.00	1.50	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	124.9	0.00	1.07	0.00	0	0	0	100					0	0	0	0
PL.45990	PL.45991	A	1/0CU	7.58Y	126.3	0.00	-0.32	0.00	0	0	0	100	0.00	0.0	6.254	0.005	0	0	0	0
		B		7.47Y	124.5	0.00	1.50	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	124.9	0.00	1.07	0.00	0	0	0	100					0	0	0	0
PL.26326	PL.45990	A	1/0CU	7.58Y	126.3	0.00	-0.32	0.00	0	0	0	100	0.00	0.0	6.261	0.006	0	0	0	0
		B		7.47Y	124.5	0.00	1.50	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	124.9	0.00	1.07	0.00	0	0	0	100					0	0	0	0
PD.232-B	PL.26326	A	Open	7.58Y	126.3	0.00	-0.32	0.00	0	0	0	100	0.00	0.0	6.261	0.000	0	0	0	0
		B		7.47Y	124.5	0.00	1.50	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	124.9	0.00	1.07	0.00	0	0	0	100					0	0	0	0
PL.45989	PL.45991	A	2ACSR	7.58Y	126.3	0.00	-0.32	0.00	0	0	0	100	0.00	0.0	6.286	0.037	0	0	0	0
0275005	PL.45989	A	Consumer	7.58Y	126.3	0.00	-0.32	0.00	0	0	0	100	0.00	0.0	6.286	0.000	0	0	0	0
027502	PL.14953	C	Consumer	7.50Y	124.9	0.00	1.07	0.71	0	5	3	86	0.00	0.0	6.218	0.000	5	3	1	1
PL.21698	PL.15034	C	4ACSR	7.50Y	124.9	0.00	1.07	0.84	0	5	3	86	0.00	0.0	5.960	0.010	0	0	0	2
PD.3086	PL.21698	C	fuse6AMP	7.50Y	124.9	0.00	1.07	0.84	14	5	3	86	0.00	0.0	5.960	0.000	0	0	0	2
PL.21699	PD.3086	C	4ACSR	7.50Y	124.9	0.00	1.07	0.84	0	5	3	86	0.00	0.0	6.027	0.067	0	0	0	2
028527	PL.21699	C	Consumer	7.50Y	124.9	0.00	1.07	0.03	0	0	0	100	0.00	0.0	6.027	0.000	0	0	1	1
028501	PL.21699	C	Consumer	7.50Y	124.9	0.00	1.07	0.81	0	5	3	86	0.00	0.0	6.027	0.000	5	3	1	1
PL.19393	PL.14885	C	4ACSR	7.50Y	124.9	0.00	1.06	0.54	0	4	2	89	0.00	0.0	5.827	0.034	0	0	0	2
PD.1118	PL.19393	C	fuse6AMP	7.50Y	124.9	0.00	1.06	0.54	9	4	2	89	0.00	0.0	5.827	0.000	0	0	0	2
PL.19394	PD.1118	C	4ACSR	7.50Y	124.9	0.00	1.06	0.54	0	4	2	89	0.00	0.0	5.874	0.048	0	0	0	2

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.23822	PL.19394	C	4ACSR	7.50Y	124.9	0.00	1.07	0.54	0	4	2	89	0.00	0.0	5.995	0.121	0	0	0	2
028504	PL.23822	C	Consumer	7.50Y	124.9	0.00	1.07	0.24	0	2	1	89	0.00	0.0	5.995	0.000	2	1	1	1
028506	PL.23822	C	Consumer	7.50Y	124.9	0.00	1.07	0.30	0	2	1	89	0.00	0.0	5.995	0.000	2	1	1	1
028508	PL.14883	B	Consumer	7.47Y	124.5	0.00	1.49	0.24	0	2	1	89	0.00	0.0	5.449	0.000	2	1	1	1
028502	PL.26586	B	Consumer	7.47Y	124.5	0.00	1.47	0.03	0	0	0	100	0.00	0.0	4.968	0.000	0	0	1	1
PL.39253	PL.26587	C	4ACSR	7.50Y	125.0	0.00	1.03	4.09	2	27	15	87	0.00	0.0	4.891	0.010	0	0	0	15
PD.6891	PL.39253	C	25L	7.50Y	125.0	0.00	1.03	4.09	16	27	15	87	0.00	0.0	4.891	0.000	0	0	0	15
PL.39254	PD.6891	C	4ACSR	7.50Y	125.0	0.00	1.03	4.09	2	27	15	87	0.00	0.0	4.902	0.011	0	0	0	15
PL.18779	PL.39254	C	4ACSR	7.50Y	125.0	0.01	1.04	4.09	2	27	15	87	0.00	0.0	4.944	0.042	0	0	0	15
PL.23819	PL.18779	C	4ACSR	7.50Y	125.0	0.00	1.04	0.25	0	2	1	89	0.00	0.0	5.083	0.138	0	0	0	1
029504	PL.23819	C	Consumer	7.50Y	125.0	0.00	1.04	0.25	0	2	1	89	0.00	0.0	5.083	0.000	2	1	1	1
PL.27703	PL.18779	C	4ACSR	7.50Y	124.9	0.02	1.06	3.76	2	24	14	86	0.00	0.0	5.046	0.102	0	0	0	13
PD.234-A	PL.27703	C	Closed	7.50Y	124.9	0.00	1.06	3.76	0	24	14	86	0.00	0.0	5.046	0.000	0	0	0	13
PD.234-B	PD.234-A	C	Closed	7.50Y	124.9	0.00	1.06	3.76	0	24	14	86	0.00	0.0	5.046	0.000	0	0	0	13
PL.27704	PD.234-B	C	4ACSR	7.50Y	124.9	0.02	1.08	3.76	2	24	14	86	0.00	0.0	5.145	0.098	0	0	0	13
PD.3778	PL.27704	C	fuse6AMP	7.50Y	124.9	0.00	1.08	3.76	64	24	14	86	0.00	0.0	5.145	0.000	0	0	0	13
PL.14879	PD.3778	C	4ACSR	7.49Y	124.9	0.03	1.11	3.69	2	24	14	86	0.01	0.0	5.333	0.188	0	0	0	12
PL.30855	PL.14879	C	4ACSR	7.49Y	124.9	0.00	1.11	0.45	0	3	2	83	0.00	0.0	5.334	0.001	0	0	0	1
PD.3779	PL.30855	C	fuse6AMP	7.49Y	124.9	0.00	1.11	0.45	8	3	2	83	0.00	0.0	5.334	0.000	0	0	0	1
PL.30856	PD.3779	C	4ACSR	7.49Y	124.9	0.00	1.11	0.45	0	3	2	83	0.00	0.0	5.361	0.027	0	0	0	1
028524	PL.30856	C	Consumer	7.49Y	124.9	0.00	1.11	0.00	0	0	0	100	0.00	0.0	5.361	0.000	0	0	0	0
028525	PL.30856	C	Consumer	7.49Y	124.9	0.00	1.11	0.45	0	3	2	83	0.00	0.0	5.361	0.000	3	2	1	1
PL.14880	PL.14879	C	4ACSR	7.49Y	124.9	0.01	1.12	3.24	2	21	12	87	0.00	0.0	5.411	0.078	0	0	0	11
PL.30863	PL.14880	C	4ACSR	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	5.411	0.000	0	0	0	0
PD.3780	PL.30863	C	fuse6AMP	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	5.411	0.000	0	0	0	0
PL.30864	PD.3780	C	4ACSR	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	5.461	0.049	0	0	0	0
PL.19336	PL.14880	C	4ACSR	7.49Y	124.9	0.01	1.13	2.60	1	17	10	86	0.00	0.0	5.480	0.069	0	0	0	10
PL.19337	PL.19336	C	4ACSR	7.49Y	124.9	0.00	1.13	1.82	1	12	7	86	0.00	0.0	5.523	0.044	0	0	0	8
028518	PL.19337	C	Consumer	7.49Y	124.9	0.00	1.13	0.36	0	2	1	89	0.00	0.0	5.523	0.000	2	1	1	1
PL.5795	PL.19337	C	4ACSR	7.49Y	124.9	0.01	1.14	1.46	1	9	5	87	0.00	0.0	5.600	0.077	0	0	0	7
PL.14881	PL.5795	C	4ACSR	7.49Y	124.9	0.00	1.14	1.30	1	8	5	85	0.00	0.0	5.640	0.040	0	0	0	6
028514	PL.14881	C	Consumer	7.49Y	124.9	0.00	1.14	0.30	0	2	1	89	0.00	0.0	5.640	0.000	2	1	1	1
PL.14882	PL.14881	C	4ACSR	7.49Y	124.9	0.00	1.14	0.67	0	4	2	89	0.00	0.0	5.696	0.055	0	0	0	3
PL.27819	PL.14882	C	4ACSR	7.49Y	124.9	0.00	1.15	0.67	0	4	2	89	0.00	0.0	5.800	0.104	0	0	0	3
PL.27820	PL.27819	C	4ACSR	7.49Y	124.9	0.00	1.15	0.53	0	3	2	83	0.00	0.0	5.910	0.110	0	0	0	2
PL.8572	PL.27820	C	4ACSR	7.49Y	124.8	0.00	1.15	0.53	0	3	2	83	0.00	0.0	6.030	0.120	0	0	0	2
PL.19577	PL.8572	C	4ACSR	7.49Y	124.8	0.00	1.15	0.53	0	3	2	83	0.00	0.0	6.078	0.048	0	0	0	2
PL.19578	PL.19577	C	4ACSR	7.49Y	124.8	0.00	1.15	0.13	0	1	0	100	0.00	0.0	6.141	0.062	0	0	0	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
028602	PL.19578	C	Consumer	7.49Y	124.8	0.00	1.15	0.00	0	0	0	100	0.00	0.0	6.141	0.000	0	0	0	0
028601	PL.19578	C	Consumer	7.49Y	124.8	0.00	1.15	0.13	0	1	0	100	0.00	0.0	6.141	0.000	1	0	1	1
PL.40280	PL.19577	C	2ACSR	7.49Y	124.8	0.00	1.15	0.41	0	3	2	83	0.00	0.0	6.085	0.006	0	0	0	1
PD.7133	PL.40280	C	fuse6AMP	7.49Y	124.8	0.00	1.15	0.41	7	3	2	83	0.00	0.0	6.085	0.000	0	0	0	1
PL.40281	PD.7133	C	2ACSR	7.49Y	124.8	0.00	1.15	0.41	0	3	2	83	0.00	0.0	6.120	0.035	0	0	0	1
0286006	PL.40281	C	Consumer	7.49Y	124.8	0.00	1.15	0.41	0	3	2	83	0.00	0.0	6.120	0.000	3	2	1	1
028512	PL.27819	C	Consumer	7.49Y	124.9	0.00	1.15	0.13	0	1	1	71	0.00	0.0	5.800	0.000	1	1	1	1
PL.20705	PL.14881	C	4ACSR	7.49Y	124.9	0.00	1.14	0.33	0	2	1	89	0.00	0.0	5.665	0.024	0	0	0	2
PD.3085	PL.20705	C	fuse6AMP	7.49Y	124.9	0.00	1.14	0.33	6	2	1	89	0.00	0.0	5.665	0.000	0	0	0	2
PL.20706	PD.3085	C	4ACSR	7.49Y	124.9	0.00	1.14	0.33	0	2	1	89	0.00	0.0	5.692	0.027	0	0	0	2
PL.8576	PL.20706	C	4ACSR	7.49Y	124.9	0.00	1.14	0.33	0	2	1	89	0.00	0.0	5.761	0.069	0	0	0	2
PL.1493	PL.8576	C	4ACSR	7.49Y	124.9	0.00	1.14	0.33	0	2	1	89	0.00	0.0	5.781	0.020	0	0	0	2
PL.1982	PL.1493	C	4ACSR	7.49Y	124.9	0.00	1.15	0.33	0	2	1	89	0.00	0.0	5.909	0.128	0	0	0	2
PL.1983	PL.1982	C	4ACSR	7.49Y	124.9	0.00	1.15	0.33	0	2	1	89	0.00	0.0	6.017	0.108	0	0	0	2
028605	PL.1983	C	Consumer	7.49Y	124.9	0.00	1.15	0.00	0	0	0	100	0.00	0.0	6.017	0.000	0	0	1	1
028604	PL.1983	C	Consumer	7.49Y	124.9	0.00	1.15	0.33	0	2	1	89	0.00	0.0	6.017	0.000	2	1	1	1
028517	PL.5795	C	Consumer	7.49Y	124.9	0.00	1.14	0.16	0	1	1	71	0.00	0.0	5.600	0.000	1	1	1	1
028526	PL.19336	C	Consumer	7.49Y	124.9	0.00	1.13	0.48	0	3	2	83	0.00	0.0	5.480	0.000	3	2	1	1
028511	PL.19336	C	Consumer	7.49Y	124.9	0.00	1.13	0.29	0	2	1	89	0.00	0.0	5.480	0.000	2	1	1	1
028528	PL.14880	C	Consumer	7.49Y	124.9	0.00	1.12	0.64	0	4	2	89	0.00	0.0	5.411	0.000	4	2	1	1
PL.23820	PD.3778	C	4ACSR	7.50Y	124.9	0.00	1.08	0.07	0	0	0	100	0.00	0.0	5.208	0.064	0	0	0	1
029514	PL.23820	C	Consumer	7.50Y	124.9	0.00	1.08	0.07	0	0	0	100	0.00	0.0	5.208	0.000	0	0	1	1
029509	PL.18779	C	Consumer	7.50Y	125.0	0.00	1.04	0.07	0	0	0	100	0.00	0.0	4.944	0.000	0	0	1	1
029505	PL.20687	B	Consumer	7.47Y	124.5	0.00	1.46	0.19	0	1	1	71	0.00	0.0	4.580	0.000	1	1	1	1
080514	PL.19846	B	Consumer	7.47Y	124.6	0.00	1.45	0.00	0	0	0	100	0.00	0.0	4.438	0.000	0	0	0	0
080517	PL.19144	B	Consumer	7.47Y	124.6	0.00	1.44	0.06	0	0	0	100	0.00	0.0	4.215	0.000	0	0	1	1
PL.26798	PL.14876	C	4ACSR	7.50Y	125.0	0.00	0.95	0.09	0	1	0	100	0.00	0.0	4.207	0.021	0	0	0	1
PD.2022	PL.26798	C	fuse6AMP	7.50Y	125.0	0.00	0.95	0.09	1	1	0	100	0.00	0.0	4.207	0.000	0	0	0	1
PL.26799	PD.2022	C	4ACSR	7.50Y	125.0	0.00	0.95	0.09	0	1	0	100	0.00	0.0	4.280	0.074	0	0	0	1
080521	PL.26799	C	Consumer	7.50Y	125.0	0.00	0.95	0.09	0	1	0	100	0.00	0.0	4.280	0.000	1	0	1	1
PL.27614	PL.15028	C	4ACSR	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.948	0.021	0	0	0	0
PD.2020	PL.27614	C	fuse6AMP	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	3.948	0.000	0	0	0	0
PL.27615	PD.2020	C	4ACSR	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	4.128	0.180	0	0	0	0
PL.26800	PL.15028	C	4ACSR	7.51Y	125.1	0.00	0.91	0.03	0	0	0	100	0.00	0.0	3.953	0.027	0	0	0	1
PD.2019	PL.26800	C	fuse6AMP	7.51Y	125.1	0.00	0.91	0.03	0	0	0	100	0.00	0.0	3.953	0.000	0	0	0	1
PL.26801	PD.2019	C	4ACSR	7.51Y	125.1	0.00	0.91	0.03	0	0	0	100	0.00	0.0	4.052	0.099	0	0	0	1
080520	PL.26801	C	Consumer	7.51Y	125.1	0.00	0.91	0.03	0	0	0	100	0.00	0.0	4.052	0.000	0	0	1	1
081513	PL.7640	C	Consumer	7.51Y	125.1	0.00	0.87	0.11	0	1	0	100	0.00	0.0	3.670	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.15026	PL.14226	B	4ACSR	7.48Y	124.6	0.02	1.41	12.29	6	80	46	87	0.01	0.0	3.517	0.026	0	0	0	48
PD.577-A	PL.15026	B	Closed	7.48Y	124.6	0.00	1.41	12.29	0	80	46	87	0.00	0.0	3.517	0.000	0	0	0	48
PD.577-B	PD.577-A	B	Closed	7.48Y	124.6	0.00	1.41	12.29	0	80	46	87	0.00	0.0	3.517	0.000	0	0	0	48
PL.15027	PD.577-B	B	4ACSR	7.47Y	124.5	0.04	1.45	12.29	6	80	46	87	0.02	0.0	3.580	0.063	0	0	0	48
PL.30895	PL.15027	B	4ACSR	7.47Y	124.5	0.01	1.46	11.38	6	74	42	87	0.00	0.0	3.594	0.013	0	0	0	44
C PD.3803	PL.30895	B	fuse6AMP	7.47Y	124.5	0.00	1.46	11.38	194	74	42	87	0.00	0.0	3.594	0.000	0	0	0	44 C
PL.30897	PD.3803	B	4ACSR	7.47Y	124.5	0.04	1.50	11.38	6	74	42	87	0.02	0.0	3.669	0.075	0	0	0	44
C PD.3804	PL.30897	B	fuse6AMP	7.47Y	124.5	0.00	1.50	11.38	194	74	42	87	0.00	0.0	3.669	0.000	0	0	0	44 C
PL.30898	PD.3804	B	4ACSR	7.47Y	124.5	0.00	1.50	11.38	6	74	42	87	0.00	0.0	3.670	0.001	0	0	0	44
PL.5201	PL.30898	B	4ACSR	7.47Y	124.5	0.00	1.50	0.20	0	1	1	71	0.00	0.0	3.725	0.055	0	0	0	2
081411	PL.5201	B	Consumer	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	3.725	0.000	0	0	1	1
081425	PL.5201	B	Consumer	7.47Y	124.5	0.00	1.50	0.19	0	1	1	71	0.00	0.0	3.725	0.000	1	1	1	1
PL.17474	PL.30898	B	4ACSR	7.47Y	124.4	0.06	1.56	11.18	6	72	42	86	0.03	0.0	3.785	0.116	0	0	0	42
081409	PL.17474	B	Consumer	7.47Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	3.785	0.000	0	0	0	0
081424	PL.17474	B	Consumer	7.47Y	124.4	0.00	1.56	0.23	0	1	1	71	0.00	0.0	3.785	0.000	1	1	1	1
081421	PL.17474	B	Consumer	7.47Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	3.785	0.000	0	0	0	0
081418	PL.17474	B	Consumer	7.47Y	124.4	0.00	1.56	0.32	0	2	1	89	0.00	0.0	3.785	0.000	2	1	1	1
PL.20216	PL.17474	B	4ACSR	7.47Y	124.4	0.00	1.56	10.63	5	69	40	87	0.00	0.0	3.791	0.005	0	0	0	40
PD.3452	PL.20216	B	35V4E	7.47Y	124.4	0.00	1.56	10.63	30	69	40	87	0.00	0.0	3.791	0.000	0	0	0	40
PL.20217	PD.3452	B	4ACSR	7.46Y	124.4	0.05	1.61	10.63	5	69	40	87	0.03	0.0	3.887	0.096	0	0	0	40
PL.19944	PL.20217	B	4ACSR	7.46Y	124.3	0.06	1.66	10.63	5	69	40	87	0.03	0.0	3.999	0.112	0	0	0	39
PL.14572	PL.19944	B	4ACSR	7.45Y	124.2	0.11	1.77	10.63	5	69	40	87	0.06	0.1	4.223	0.224	0	0	0	39
PL.14573	PL.14572	B	4ACSR	7.45Y	124.1	0.08	1.85	10.07	5	65	38	86	0.04	0.1	4.395	0.172	0	0	0	35
080405	PL.14573	B	Consumer	7.45Y	124.1	0.00	1.85	0.03	0	0	0	100	0.00	0.0	4.395	0.000	0	0	1	1
PL.7642	PL.14573	B	4ACSR	7.45Y	124.1	0.04	1.89	10.03	5	65	37	87	0.02	0.0	4.478	0.084	0	0	0	34
PL.7641	PL.7642	B	4ACSR	7.45Y	124.1	0.02	1.92	10.03	5	65	37	87	0.01	0.0	4.527	0.048	0	0	0	34
PL.18710	PL.7641	B	4ACSR	7.44Y	124.0	0.03	1.95	7.98	4	51	30	86	0.01	0.0	4.621	0.094	0	0	0	29
PL.19665	PL.18710	B	4ACSR	7.44Y	124.0	0.01	1.96	7.67	4	49	29	86	0.00	0.0	4.650	0.029	0	0	0	27
PL.19666	PL.19665	B	4ACSR	7.44Y	124.0	0.01	1.97	7.67	4	49	29	86	0.00	0.0	4.667	0.017	0	0	0	27
PL.15368	PL.19666	B	4ACSR	7.44Y	124.0	0.01	1.97	7.24	4	47	27	87	0.00	0.0	4.687	0.020	0	0	0	26
PL.30903	PL.15368	B	4ACSR	7.44Y	124.0	0.00	1.97	0.14	0	1	1	71	0.00	0.0	4.700	0.013	0	0	0	1
PD.3808	PL.30903	B	fuse6AMP	7.44Y	124.0	0.00	1.97	0.14	2	1	1	71	0.00	0.0	4.700	0.000	0	0	0	1
PL.30904	PD.3808	B	4ACSR	7.44Y	124.0	0.00	1.98	0.14	0	1	1	71	0.00	0.0	4.744	0.044	0	0	0	1
080428	PL.30904	B	Consumer	7.44Y	124.0	0.00	1.98	0.14	0	1	1	71	0.00	0.0	4.744	0.000	1	1	1	1
PL.42302	PL.15368	B	4ACSR	7.44Y	124.0	0.01	1.99	6.95	4	45	26	87	0.00	0.0	4.726	0.039	0	0	0	23
PD.7683-A	PL.42302	B	Closed	7.44Y	124.0	0.00	1.99	6.95	0	45	26	87	0.00	0.0	4.726	0.000	0	0	0	23
PD.7683-B	PD.7683-A	B	Closed	7.44Y	124.0	0.00	1.99	6.95	0	45	26	87	0.00	0.0	4.726	0.000	0	0	0	23
PL.42303	PD.7683-B	B	4ACSR	7.44Y	124.0	0.01	1.99	6.95	4	45	26	87	0.00	0.0	4.745	0.019	0	0	0	23

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.15367	PL.42303	B	4ACSR	7.44Y	124.0	0.03	2.02	6.13	3	40	23	87	0.01	0.0	4.837	0.092	0	0	0	20
PL.1488	PL.15367	B	4ACSR	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	4.837	0.000	0	0	0	0
PL.5794	PL.15367	B	4ACSR	7.44Y	124.0	0.01	2.03	6.13	3	39	23	86	0.00	0.0	4.856	0.019	0	0	0	20
PL.15369	PL.5794	B	4ACSR	7.44Y	123.9	0.04	2.06	6.10	3	39	23	86	0.01	0.0	4.980	0.124	0	0	0	19
PL.30871	PL.15369	B	4ACSR	7.44Y	123.9	0.00	2.06	0.31	0	2	1	89	0.00	0.0	4.987	0.008	0	0	0	1
PD.3812	PL.30871	B	fuse6AMP	7.44Y	123.9	0.00	2.06	0.31	5	2	1	89	0.00	0.0	4.987	0.000	0	0	0	1
PL.30872	PD.3812	B	4ACSR	7.44Y	123.9	0.00	2.06	0.31	0	2	1	89	0.00	0.0	5.120	0.133	0	0	0	1
029403	PL.30872	B	Consumer	7.44Y	123.9	0.00	2.06	0.31	0	2	1	89	0.00	0.0	5.120	0.000	2	1	1	1
PL.19030	PL.15369	B	4ACSR	7.43Y	123.9	0.04	2.10	5.79	3	37	22	86	0.01	0.0	5.139	0.159	0	0	0	18
029406	PL.19030	B	Consumer	7.43Y	123.9	0.00	2.10	0.35	0	2	1	89	0.00	0.0	5.139	0.000	2	1	1	1
PL.19250	PL.19030	B	4ACSR	7.43Y	123.9	0.02	2.12	5.45	3	35	20	87	0.01	0.0	5.225	0.086	0	0	0	17
PL.30909	PL.19250	B	4ACSR	7.43Y	123.9	0.00	2.13	0.56	0	4	2	89	0.00	0.0	5.238	0.013	0	0	0	2
PD.3813	PL.30909	B	fuse6AMP	7.43Y	123.9	0.00	2.13	0.56	10	4	2	89	0.00	0.0	5.238	0.000	0	0	0	2
PL.30910	PD.3813	B	4ACSR	7.43Y	123.9	0.00	2.13	0.56	0	4	2	89	0.00	0.0	5.366	0.129	0	0	0	2
PL.1490	PL.30910	B	4ACSR	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	5.626	0.259	0	0	0	0
028420	PL.1490	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	5.626	0.000	0	0	0	0
028402	PL.1490	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	5.626	0.000	0	0	0	0
PL.41331	PL.1490	B	2ACSR	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	5.834	0.208	0	0	0	0
0284026	PL.41331	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	5.834	0.000	0	0	0	0
029405	PL.30910	B	Consumer	7.43Y	123.9	0.00	2.13	0.34	0	2	1	89	0.00	0.0	5.366	0.000	2	1	1	1
029408	PL.30910	B	Consumer	7.43Y	123.9	0.00	2.13	0.22	0	1	1	71	0.00	0.0	5.366	0.000	1	1	1	1
PL.15370	PL.19250	B	4ACSR	7.43Y	123.8	0.03	2.16	4.88	3	31	18	86	0.01	0.0	5.377	0.153	0	0	0	15
PL.90	PL.15370	B	4ACSR	7.43Y	123.8	0.02	2.18	4.88	3	31	18	86	0.00	0.0	5.453	0.076	0	0	0	15
PL.23809	PL.90	B	4ACSR	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	5.457	0.003	0	0	0	0
PL.15371	PL.90	B	4ACSR	7.43Y	123.8	0.03	2.20	4.88	3	31	18	86	0.01	0.0	5.570	0.117	0	0	0	14
PL.15372	PL.15371	B	4ACSR	7.43Y	123.8	0.02	2.22	4.77	2	31	18	86	0.01	0.0	5.663	0.093	0	0	0	13
PL.18333	PL.15372	B	4ACSR	7.43Y	123.8	0.01	2.24	4.45	2	29	17	86	0.00	0.0	5.725	0.061	0	0	0	12
PL.18334	PL.18333	B	4ACSR	7.42Y	123.7	0.01	2.25	4.26	2	27	16	86	0.00	0.0	5.800	0.076	0	0	0	10
PL.18335	PL.18334	B	4ACSR	7.42Y	123.7	0.00	2.25	4.26	2	27	16	86	0.00	0.0	5.806	0.006	0	0	0	10
PD.231-A	PL.18335	B	Closed	7.42Y	123.7	0.00	2.25	4.26	0	27	16	86	0.00	0.0	5.806	0.000	0	0	0	10
PD.231-B	PD.231-A	B	Closed	7.42Y	123.7	0.00	2.25	4.26	0	27	16	86	0.00	0.0	5.806	0.000	0	0	0	10
PL.18336	PD.231-B	B	4ACSR	7.42Y	123.7	0.01	2.26	4.26	2	27	16	86	0.00	0.0	5.835	0.029	0	0	0	10
PL.30913	PL.18336	B	4ACSR	7.42Y	123.7	0.00	2.26	0.85	0	5	3	86	0.00	0.0	5.846	0.011	0	0	0	1
PD.3816	PL.30913	B	fuse6AMP	7.42Y	123.7	0.00	2.26	0.85	14	5	3	86	0.00	0.0	5.846	0.000	0	0	0	1
PL.30914	PD.3816	B	4ACSR	7.42Y	123.7	0.00	2.26	0.85	0	5	3	86	0.00	0.0	5.905	0.059	0	0	0	1
PL.23813	PL.30914	B	4ACSR	7.42Y	123.7	0.00	2.26	0.85	0	5	3	86	0.00	0.0	5.981	0.076	0	0	0	1
028313	PL.23813	B	Consumer	7.42Y	123.7	0.00	2.26	0.00	0	0	0	100	0.00	0.0	5.981	0.000	0	0	0	0
028311	PL.23813	B	Consumer	7.42Y	123.7	0.00	2.26	0.85	0	5	3	86	0.00	0.0	5.981	0.000	5	3	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.15373	PL.18336	B	4ACSR	7.42Y	123.7	0.01	2.27	3.41	2	22	13	86	0.00	0.0	5.923	0.088	0	0	0	9
PL.5786	PL.15373	B	4ACSR	7.42Y	123.7	0.02	2.30	2.96	2	19	11	87	0.00	0.0	6.105	0.181	0	0	0	6
028303	PL.5786	B	Consumer	7.42Y	123.7	0.00	2.30	0.51	0	3	2	83	0.00	0.0	6.105	0.000	3	2	1	1
028308	PL.5786	B	Consumer	7.42Y	123.7	0.00	2.30	0.08	0	1	0	100	0.00	0.0	6.105	0.000	1	0	1	1
PL.5788	PL.5786	B	4ACSR	7.42Y	123.7	0.02	2.31	2.37	1	15	9	86	0.00	0.0	6.249	0.145	0	0	0	4
PL.17708	PL.5788	B	4ACSR	7.42Y	123.7	0.02	2.34	2.37	1	15	9	86	0.00	0.0	6.467	0.218	0	0	0	4
PL.19078	PL.17708	B	4ACSR	7.42Y	123.7	0.00	2.34	1.58	1	10	6	86	0.00	0.0	6.519	0.052	0	0	0	3
028312	PL.19078	B	Consumer	7.42Y	123.7	0.00	2.34	0.85	0	5	3	86	0.00	0.0	6.519	0.000	5	3	1	1
PL.19079	PL.19078	B	4ACSR	7.42Y	123.7	0.00	2.34	0.73	0	5	3	86	0.00	0.0	6.555	0.037	0	0	0	2
PL.19080	PL.19079	B	4ACSR	7.42Y	123.7	0.00	2.35	0.46	0	3	2	83	0.00	0.0	6.689	0.134	0	0	0	1
027311	PL.19080	B	Consumer	7.42Y	123.7	0.00	2.35	0.46	0	3	2	83	0.00	0.0	6.689	0.000	3	2	1	1
027318	PL.19080	B	Consumer	7.42Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	6.689	0.000	0	0	0	0
027320	PL.19079	B	Consumer	7.42Y	123.7	0.00	2.34	0.27	0	2	1	89	0.00	0.0	6.555	0.000	2	1	1	1
PL.30915	PL.17708	B	4ACSR	7.42Y	123.7	0.00	2.34	0.79	0	5	3	86	0.00	0.0	6.473	0.006	0	0	0	1
PD.3817	PL.30915	B	fuse6AMP	7.42Y	123.7	0.00	2.34	0.79	13	5	3	86	0.00	0.0	6.473	0.000	0	0	0	1
PL.30916	PD.3817	B	4ACSR	7.42Y	123.7	0.00	2.34	0.79	0	5	3	86	0.00	0.0	6.515	0.043	0	0	0	1
028318	PL.30916	B	Consumer	7.42Y	123.7	0.00	2.34	0.79	0	5	3	86	0.00	0.0	6.515	0.000	5	3	1	1
028317	PL.15373	B	Consumer	7.42Y	123.7	0.00	2.27	0.16	0	1	1	71	0.00	0.0	5.923	0.000	1	1	1	1
028304	PL.15373	B	Consumer	7.42Y	123.7	0.00	2.27	0.20	0	1	1	71	0.00	0.0	5.923	0.000	1	1	1	1
028305	PL.15373	B	Consumer	7.42Y	123.7	0.00	2.27	0.08	0	1	0	100	0.00	0.0	5.923	0.000	1	0	1	1
028306	PL.18333	B	Consumer	7.43Y	123.8	0.00	2.24	0.15	0	1	1	71	0.00	0.0	5.725	0.000	1	1	1	1
028316	PL.18333	B	Consumer	7.43Y	123.8	0.00	2.24	0.05	0	0	0	100	0.00	0.0	5.725	0.000	0	0	1	1
028314	PL.15372	B	Consumer	7.43Y	123.8	0.00	2.22	0.32	0	2	1	89	0.00	0.0	5.663	0.000	2	1	1	1
PL.30873	PL.15371	B	4ACSR	7.43Y	123.8	0.00	2.20	0.11	0	1	0	100	0.00	0.0	5.582	0.011	0	0	0	1
PD.3815	PL.30873	B	fuse6AMP	7.43Y	123.8	0.00	2.20	0.11	2	1	0	100	0.00	0.0	5.582	0.000	0	0	0	1
PL.30874	PD.3815	B	4ACSR	7.43Y	123.8	0.00	2.20	0.11	0	1	0	100	0.00	0.0	5.639	0.058	0	0	0	1
028307	PL.30874	B	Consumer	7.43Y	123.8	0.00	2.20	0.11	0	1	0	100	0.00	0.0	5.639	0.000	1	0	1	1
PL.23811	PL.90	B	4ACSR	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	5.456	0.003	0	0	0	0
PL.30911	PL.90	B	4ACSR	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	5.466	0.012	0	0	0	1
PD.3814	PL.30911	B	fuse6AMP	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	5.466	0.000	0	0	0	1
PL.30912	PD.3814	B	4ACSR	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	5.529	0.063	0	0	0	1
028403	PL.30912	B	Consumer	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	5.529	0.000	0	0	1	1
029407	PL.5794	B	Consumer	7.44Y	124.0	0.00	2.03	0.03	0	0	0	100	0.00	0.0	4.856	0.000	0	0	1	1
PL.30907	PL.42303	B	4ACSR	7.44Y	124.0	0.00	1.99	0.60	0	4	2	89	0.00	0.0	4.763	0.018	0	0	0	1
PD.3811	PL.30907	B	fuse6AMP	7.44Y	124.0	0.00	1.99	0.60	10	4	2	89	0.00	0.0	4.763	0.000	0	0	0	1
PL.30908	PD.3811	B	4ACSR	7.44Y	124.0	0.00	1.99	0.60	0	4	2	89	0.00	0.0	4.799	0.037	0	0	0	1
PL.8353	PL.30908	B	4ACSR	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	4.819	0.019	0	0	0	0
080422	PL.30908	B	Consumer	7.44Y	124.0	0.00	1.99	0.60	0	4	2	89	0.00	0.0	4.799	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.30905	PL.42303	B	4ACSR	7.44Y	124.0	0.00	1.99	0.21	0	1	1	71	0.00	0.0	4.759	0.014	0	0	0	2
PD.3810	PL.30905	B	fuse6AMP	7.44Y	124.0	0.00	1.99	0.21	4	1	1	71	0.00	0.0	4.759	0.000	0	0	0	2
PL.30906	PD.3810	B	4ACSR	7.44Y	124.0	0.00	1.99	0.21	0	1	1	71	0.00	0.0	4.895	0.136	0	0	0	2
080412	PL.30906	B	Consumer	7.44Y	124.0	0.00	1.99	0.07	0	0	0	100	0.00	0.0	4.895	0.000	0	0	1	1
080423	PL.30906	B	Consumer	7.44Y	124.0	0.00	1.99	0.14	0	1	1	71	0.00	0.0	4.895	0.000	1	1	1	1
080402	PL.15368	B	Consumer	7.44Y	124.0	0.00	1.97	0.08	0	1	0	100	0.00	0.0	4.687	0.000	1	0	1	1
080411	PL.15368	B	Consumer	7.44Y	124.0	0.00	1.97	0.07	0	0	0	100	0.00	0.0	4.687	0.000	0	0	1	1
PL.30869	PL.19666	B	4ACSR	7.44Y	124.0	0.00	1.97	0.43	0	3	2	83	0.00	0.0	4.678	0.011	0	0	0	1
PD.3809	PL.30869	B	fuse6AMP	7.44Y	124.0	0.00	1.97	0.43	7	3	2	83	0.00	0.0	4.678	0.000	0	0	0	1
PL.30870	PD.3809	B	4ACSR	7.44Y	124.0	0.00	1.97	0.43	0	3	2	83	0.00	0.0	4.767	0.089	0	0	0	1
080425	PL.30870	B	Consumer	7.44Y	124.0	0.00	1.97	0.43	0	3	2	83	0.00	0.0	4.767	0.000	3	2	1	1
080416	PL.18710	B	Consumer	7.44Y	124.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	4.621	0.000	0	0	0	0
080408	PL.18710	B	Consumer	7.44Y	124.0	0.00	1.95	0.12	0	1	0	100	0.00	0.0	4.621	0.000	1	0	1	1
080424	PL.18710	B	Consumer	7.44Y	124.0	0.00	1.95	0.20	0	1	1	71	0.00	0.0	4.621	0.000	1	1	1	1
PL.30901	PL.7641	B	4ACSR	7.44Y	124.1	0.00	1.92	2.05	1	13	8	85	0.00	0.0	4.538	0.011	0	0	0	5
PD.3807	PL.30901	B	fuse6AMP	7.44Y	124.1	0.00	1.92	2.05	35	13	8	85	0.00	0.0	4.538	0.000	0	0	0	5
PL.30902	PD.3807	B	4ACSR	7.44Y	124.1	0.01	1.92	2.05	1	13	8	85	0.00	0.0	4.608	0.070	0	0	0	5
PL.5204	PL.30902	B	4ACSR	7.44Y	124.1	0.00	1.92	0.05	0	0	0	100	0.00	0.0	4.667	0.059	0	0	0	1
PL.5205	PL.5204	B	4ACSR	7.44Y	124.1	0.00	1.92	0.05	0	0	0	100	0.00	0.0	4.724	0.057	0	0	0	1
080409	PL.5205	B	Consumer	7.44Y	124.1	0.00	1.92	0.05	0	0	0	100	0.00	0.0	4.724	0.000	0	0	1	1
080421	PL.30902	B	Consumer	7.44Y	124.1	0.00	1.92	1.02	0	7	4	87	0.00	0.0	4.608	0.000	7	4	1	1
080420	PL.30902	B	Consumer	7.44Y	124.1	0.00	1.92	0.72	0	5	3	86	0.00	0.0	4.608	0.000	5	3	1	1
080418	PL.30902	B	Consumer	7.44Y	124.1	0.00	1.92	0.17	0	1	1	71	0.00	0.0	4.608	0.000	1	1	1	1
080419	PL.30902	B	Consumer	7.44Y	124.1	0.00	1.92	0.09	0	1	0	100	0.00	0.0	4.608	0.000	1	0	1	1
PL.5202	PL.14572	B	4ACSR	7.45Y	124.2	0.00	1.77	0.12	0	1	0	100	0.00	0.0	4.352	0.130	0	0	0	2
081422	PL.5202	B	Consumer	7.45Y	124.2	0.00	1.77	0.11	0	1	0	100	0.00	0.0	4.352	0.000	1	0	1	1
081419	PL.5202	B	Consumer	7.45Y	124.2	0.00	1.77	0.02	0	0	0	100	0.00	0.0	4.352	0.000	0	0	1	1
PL.30899	PL.14572	B	4ACSR	7.45Y	124.2	0.00	1.77	0.44	0	3	2	83	0.00	0.0	4.224	0.002	0	0	0	2
PD.3805	PL.30899	B	fuse6AMP	7.45Y	124.2	0.00	1.77	0.44	8	3	2	83	0.00	0.0	4.224	0.000	0	0	0	2
PL.30900	PD.3805	B	4ACSR	7.45Y	124.2	0.00	1.77	0.44	0	3	2	83	0.00	0.0	4.243	0.019	0	0	0	2
PL.30868	PL.30900	B	4ACSR	7.45Y	124.2	0.00	1.78	0.44	0	3	2	83	0.00	0.0	4.277	0.035	0	0	0	2
PL.21299	PL.30868	B	4ACSR	7.45Y	124.2	0.00	1.78	0.44	0	3	2	83	0.00	0.0	4.311	0.034	0	0	0	2
PL.21226	PL.21299	B	4ACSR	7.45Y	124.2	0.00	1.78	0.08	0	1	0	100	0.00	0.0	4.406	0.095	0	0	0	1
080410	PL.21226	B	Consumer	7.45Y	124.2	0.00	1.78	0.08	0	1	0	100	0.00	0.0	4.406	0.000	1	0	1	1
080426	PL.21299	B	Consumer	7.45Y	124.2	0.00	1.78	0.36	0	2	1	89	0.00	0.0	4.311	0.000	2	1	1	1
PL.21297	PL.30868	B	4ACSR	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	4.342	0.065	0	0	0	0
080407	PL.21297	B	Consumer	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	4.342	0.000	0	0	0	0
081403	PL.20217	B	Consumer	7.46Y	124.4	0.00	1.61	0.01	0	0	0	100	0.00	0.0	3.887	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.5200	PL.15027	B	4ACSR	7.47Y	124.5	0.01	1.46	0.91	0	6	3	89	0.00	0.0	3.737	0.157	0	0	0	3
081417	PL.5200	B	Consumer	7.47Y	124.5	0.00	1.46	0.74	0	5	3	86	0.00	0.0	3.737	0.000	5	3	1	1
081406	PL.5200	B	Consumer	7.47Y	124.5	0.00	1.46	0.09	0	1	0	100	0.00	0.0	3.737	0.000	1	0	1	1
081405	PL.5200	B	Consumer	7.47Y	124.5	0.00	1.46	0.08	0	1	0	100	0.00	0.0	3.737	0.000	1	0	1	1
081420	PL.15027	B	Consumer	7.47Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	3.580	0.000	0	0	1	1
0824023	PL.19142	B	Consumer	7.50Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	1.809	0.000	0	0	0	0
082419	PL.19142	B	Consumer	7.50Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	1.809	0.000	0	0	1	1
082418	PL.19141	B	Consumer	7.51Y	125.1	0.00	0.92	0.66	0	4	2	89	0.00	0.0	1.765	0.000	4	2	1	1
PL.14839	PL.402	A	4ACSR	7.57Y	126.1	0.00	-0.11	0.00	0	0	0	100	0.00	0.0	1.595	0.010	0	0	0	0
		B		7.51Y	125.1	0.01	0.88	14.46	7	94	54	87					0	0	0	69
		C		7.53Y	125.5	-0.00	0.53	0.00	0	0	0	100					0	0	0	0
PD.575-A	PL.14839	A	Closed	7.57Y	126.1	0.00	-0.11	0.00	0	0	0	100	0.00	0.0	1.595	0.000	0	0	0	0
		B		7.51Y	125.1	0.00	0.88	14.46	0	94	54	87					0	0	0	69
		C		7.53Y	125.5	0.00	0.53	0.00	0	0	0	100					0	0	0	0
PD.575-B	PD.575-A	A	Closed	7.57Y	126.1	0.00	-0.11	0.00	0	0	0	100	0.00	0.0	1.595	0.000	0	0	0	0
		B		7.51Y	125.1	0.00	0.88	14.46	0	94	54	87					0	0	0	69
		C		7.53Y	125.5	0.00	0.53	0.00	0	0	0	100					0	0	0	0
PL.14840	PD.575-B	A	4ACSR	7.57Y	126.1	0.00	-0.11	0.00	0	0	0	100	0.04	0.0	1.679	0.085	0	0	0	0
		B		7.50Y	125.1	0.06	0.94	14.46	7	94	54	87					0	0	0	69
		C		7.53Y	125.5	-0.01	0.52	0.00	0	0	0	100					0	0	0	0
PL.26487	PL.14840	A	4ACSR	7.57Y	126.1	0.00	-0.11	0.00	0	0	0	100	0.04	0.0	1.767	0.088	0	0	0	0
		B		7.50Y	125.0	0.06	1.00	14.46	7	94	54	87					0	0	0	69
		C		7.53Y	125.5	-0.01	0.50	0.00	0	0	0	100					0	0	0	0
PL.26488	PL.26487	A	4ACSR	7.57Y	126.1	0.00	-0.11	0.00	0	0	0	100	0.04	0.0	1.864	0.096	0	0	0	0
		B		7.50Y	124.9	0.06	1.06	12.95	7	84	49	87					0	0	0	63
		C		7.53Y	125.5	-0.01	0.49	0.00	0	0	0	100					0	0	0	0
PL.18467	PL.26488	B	4ACSR	7.50Y	124.9	0.00	1.06	12.95	7	84	49	86	0.00	0.0	1.869	0.005	0	0	0	63
PD.3450	PL.18467	B	0VXE	7.50Y	124.9	0.00	1.06	12.95	0	84	49	86	0.00	0.0	1.869	0.000	0	0	0	63
PL.18468	PD.3450	B	4ACSR	7.49Y	124.9	0.03	1.09	12.95	7	84	49	86	0.02	0.0	1.916	0.047	0	0	0	63
082502	PL.18468	B	Consumer	7.49Y	124.9	0.00	1.09	0.13	0	1	0	100	0.00	0.0	1.916	0.000	1	0	1	1
082557	PL.18468	B	Consumer	7.49Y	124.9	0.00	1.09	0.30	0	2	1	89	0.00	0.0	1.916	0.000	2	1	1	1
PL.8359	PL.18468	B	4ACSR	7.49Y	124.9	0.04	1.13	12.52	6	81	47	86	0.03	0.0	1.989	0.073	0	0	0	61
082559	PL.8359	B	Consumer	7.49Y	124.9	0.00	1.13	0.44	0	3	2	83	0.00	0.0	1.989	0.000	3	2	1	1
PL.26485	PL.8359	B	4ACSR	7.49Y	124.8	0.09	1.22	12.09	6	78	45	87	0.05	0.1	2.144	0.155	0	0	0	60
PL.14841	PL.26485	B	4ACSR	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	2.155	0.011	0	0	0	1
PD.1770	PL.14841	B	fuse6AMP	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	2.155	0.000	0	0	0	1
PL.14842	PD.1770	B	4ACSR	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	2.174	0.019	0	0	0	1
082550	PL.14842	B	Consumer	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	2.174	0.000	0	0	1	1
PL.26486	PL.26485	B	4ACSR	7.49Y	124.8	0.03	1.25	12.09	6	78	45	87	0.02	0.0	2.200	0.056	0	0	0	59
PL.26323	PL.26486	B	4ACSR	7.48Y	124.7	0.01	1.26	12.09	6	78	45	87	0.01	0.0	2.226	0.026	0	0	0	59
PL.16300	PL.26323	B	4ACSR	7.48Y	124.7	0.00	1.26	3.13	2	20	12	86	0.00	0.0	2.236	0.009	0	0	0	9
PD.2013	PL.16300	B	fuse6AMP	7.48Y	124.7	0.00	1.26	3.13	54	20	12	86	0.00	0.0	2.236	0.000	0	0	0	9
PL.19645	PD.2013	B	4ACSR	7.48Y	124.7	0.01	1.27	3.13	2	20	12	86	0.00	0.0	2.274	0.038	0	0	0	9
PL.19646	PL.19645	B	4ACSR	7.48Y	124.7	0.01	1.28	2.32	1	15	9	86	0.00	0.0	2.324	0.050	0	0	0	8

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.5188	PL.19646	B	4ACSR	7.48Y	124.7	0.00	1.28	1.25	1	8	5	85	0.00	0.0	2.380	0.055	0	0	0	3
PL.5189	PL.5188	B	4ACSR	7.48Y	124.7	0.00	1.28	0.78	0	5	3	86	0.00	0.0	2.429	0.050	0	0	0	1
PL.5190	PL.5189	B	4ACSR	7.48Y	124.7	0.00	1.28	0.78	0	5	3	86	0.00	0.0	2.471	0.042	0	0	0	1
PL.5187	PL.5190	B	4ACSR	7.48Y	124.7	0.01	1.29	0.78	0	5	3	86	0.00	0.0	2.621	0.150	0	0	0	1
082540	PL.5187	B	Consumer	7.48Y	124.7	0.00	1.29	0.78	0	5	3	86	0.00	0.0	2.621	0.000	5	3	1	1
082510	PL.5188	B	Consumer	7.48Y	124.7	0.00	1.28	0.16	0	1	1	71	0.00	0.0	2.380	0.000	1	1	1	1
082548	PL.5188	B	Consumer	7.48Y	124.7	0.00	1.28	0.32	0	2	1	89	0.00	0.0	2.380	0.000	2	1	1	1
082531	PL.19646	B	Consumer	7.48Y	124.7	0.00	1.28	0.00	0	0	0	100	0.00	0.0	2.324	0.000	0	0	1	1
082516	PL.19646	B	Consumer	7.48Y	124.7	0.00	1.28	0.54	0	3	2	83	0.00	0.0	2.324	0.000	3	2	1	1
082532	PL.19646	B	Consumer	7.48Y	124.7	0.00	1.28	0.02	0	0	0	100	0.00	0.0	2.324	0.000	0	0	1	1
082519	PL.19646	B	Consumer	7.48Y	124.7	0.00	1.28	0.33	0	2	1	89	0.00	0.0	2.324	0.000	2	1	1	1
082515	PL.19646	B	Consumer	7.48Y	124.7	0.00	1.28	0.18	0	1	1	71	0.00	0.0	2.324	0.000	1	1	1	1
082543	PL.19645	B	Consumer	7.48Y	124.7	0.00	1.27	0.82	0	5	3	86	0.00	0.0	2.274	0.000	5	3	1	1
PL.26324	PL.26323	B	4ACSR	7.48Y	124.7	0.07	1.33	8.95	5	58	33	87	0.03	0.1	2.391	0.165	0	0	0	50
PL.16303	PL.26324	B	4ACSR	7.48Y	124.7	0.00	1.33	0.50	0	3	2	83	0.00	0.0	2.397	0.005	0	0	0	2
PD.1769	PL.16303	B	fuse6AMP	7.48Y	124.7	0.00	1.33	0.50	9	3	2	83	0.00	0.0	2.397	0.000	0	0	0	2
PL.16304	PD.1769	B	4ACSR	7.48Y	124.7	0.00	1.33	0.50	0	3	2	83	0.00	0.0	2.474	0.077	0	0	0	2
PL.24242	PL.16304	B	4ACSR	7.48Y	124.7	0.00	1.33	0.20	0	1	1	71	0.00	0.0	2.506	0.032	0	0	0	1
082536	PL.24242	B	Consumer	7.48Y	124.7	0.00	1.33	0.20	0	1	1	71	0.00	0.0	2.506	0.000	1	1	1	1
082503	PL.16304	B	Consumer	7.48Y	124.7	0.00	1.33	0.30	0	2	1	89	0.00	0.0	2.474	0.000	2	1	1	1
PL.26322	PL.26324	B	4ACSR	7.48Y	124.7	0.02	1.35	8.45	4	55	32	86	0.01	0.0	2.437	0.046	0	0	0	48
PL.26320	PL.26322	B	4ACSR	7.48Y	124.6	0.01	1.36	8.38	4	54	31	87	0.01	0.0	2.471	0.034	0	0	0	47
PL.16301	PL.26320	B	4ACSR	7.48Y	124.6	0.00	1.36	0.69	0	4	3	80	0.00	0.0	2.476	0.005	0	0	0	3
PD.1773	PL.16301	B	fuse6AMP	7.48Y	124.6	0.00	1.36	0.69	12	4	3	80	0.00	0.0	2.476	0.000	0	0	0	3
PL.16302	PD.1773	B	4ACSR	7.48Y	124.6	0.00	1.37	0.69	0	4	3	80	0.00	0.0	2.582	0.106	0	0	0	3
082512	PL.16302	B	Consumer	7.48Y	124.6	0.00	1.37	0.48	0	3	2	83	0.00	0.0	2.582	0.000	3	2	1	1
082527	PL.16302	B	Consumer	7.48Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	2.582	0.000	0	0	1	1
082511	PL.16302	B	Consumer	7.48Y	124.6	0.00	1.37	0.21	0	1	1	71	0.00	0.0	2.582	0.000	1	1	1	1
PL.26321	PL.26320	B	4ACSR	7.48Y	124.6	0.01	1.37	7.69	4	50	29	87	0.00	0.0	2.498	0.027	0	0	0	44
082505	PL.26321	B	Consumer	7.48Y	124.6	0.00	1.37	0.08	0	1	0	100	0.00	0.0	2.498	0.000	1	0	1	1
PL.19172	PL.26321	B	4ACSR	7.48Y	124.6	0.03	1.41	7.61	4	49	28	87	0.01	0.0	2.595	0.097	0	0	0	43
PL.45662	PL.19172	B	4ACSR	7.47Y	124.6	0.01	1.42	7.49	4	49	28	87	0.01	0.0	2.637	0.042	0	0	0	41
PL.45663	PL.45662	B	4ACSR	7.47Y	124.6	0.01	1.44	7.49	4	49	28	87	0.01	0.0	2.677	0.040	0	0	0	41
082537	PL.45663	B	Consumer	7.47Y	124.6	0.00	1.44	0.11	0	1	0	100	0.00	0.0	2.677	0.000	1	0	1	1
PL.26318	PL.45663	B	4ACSR	7.47Y	124.6	0.01	1.45	7.38	4	48	28	86	0.00	0.0	2.712	0.035	0	0	0	40
PL.16307	PL.26318	B	4ACSR	7.47Y	124.6	0.00	1.45	0.23	0	1	1	71	0.00	0.0	2.725	0.013	0	0	0	1
PD.1772	PL.16307	B	fuse6AMP	7.47Y	124.6	0.00	1.45	0.23	4	1	1	71	0.00	0.0	2.725	0.000	0	0	0	1
PL.16308	PD.1772	B	4ACSR	7.47Y	124.6	0.00	1.45	0.23	0	1	1	71	0.00	0.0	2.794	0.069	0	0	0	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
082523	PL.16308	B	Consumer	7.47Y	124.6	0.00	1.45	0.23	0	1	1	71	0.00	0.0	2.794	0.000	1	1	1	1
082541	PL.26318	B	Consumer	7.47Y	124.6	0.00	1.45	0.18	0	1	1	71	0.00	0.0	2.712	0.000	1	1	1	1
PL.26319	PL.26318	B	4ACSR	7.47Y	124.5	0.01	1.46	6.97	4	45	26	87	0.00	0.0	2.748	0.036	0	0	0	38
PL.26317	PL.26319	B	4ACSR	7.47Y	124.5	0.00	1.46	6.64	3	43	25	86	0.00	0.0	2.749	0.001	0	0	0	36
PL.26316	PL.26317	B	4ACSR	7.47Y	124.5	0.02	1.48	6.64	3	43	25	86	0.01	0.0	2.805	0.055	0	0	0	36
PL.26633	PL.26316	B	4ACSR	7.47Y	124.5	0.02	1.49	6.43	3	42	24	87	0.01	0.0	2.860	0.055	0	0	0	33
PL.39581	PL.26633	B	2ACSR	7.47Y	124.5	0.00	1.49	0.01	0	0	0	100	0.00	0.0	2.914	0.054	0	0	0	1
0825060	PL.39581	B	Consumer	7.47Y	124.5	0.00	1.49	0.01	0	0	0	100	0.00	0.0	2.914	0.000	0	0	1	1
082509	PL.26633	B	Consumer	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	2.860	0.000	0	0	0	0
PL.7637	PL.26633	B	4ACSR	7.47Y	124.5	0.01	1.50	6.42	3	42	24	87	0.00	0.0	2.894	0.034	0	0	0	32
082544	PL.7637	B	Consumer	7.47Y	124.5	0.00	1.50	0.33	0	2	1	89	0.00	0.0	2.894	0.000	2	1	1	1
PL.26631	PL.7637	B	4ACSR	7.47Y	124.5	0.03	1.53	6.09	3	39	23	86	0.01	0.0	2.985	0.091	0	0	0	31
PL.26632	PL.26631	B	4ACSR	7.47Y	124.4	0.04	1.57	4.97	3	32	19	86	0.01	0.0	3.155	0.170	0	0	0	27
PL.26490	PL.26632	B	4ACSR	7.46Y	124.4	0.02	1.59	4.97	3	32	19	86	0.01	0.0	3.244	0.089	0	0	0	27
PL.16313	PL.26490	B	4ACSR	7.46Y	124.4	0.00	1.59	0.42	0	3	2	83	0.00	0.0	3.252	0.007	0	0	0	1
PD.2014	PL.16313	B	fuse6AMP	7.46Y	124.4	0.00	1.59	0.42	7	3	2	83	0.00	0.0	3.252	0.000	0	0	0	1
PL.16314	PD.2014	B	4ACSR	7.46Y	124.4	0.00	1.59	0.42	0	3	2	83	0.00	0.0	3.292	0.040	0	0	0	1
082514	PL.16314	B	Consumer	7.46Y	124.4	0.00	1.59	0.42	0	3	2	83	0.00	0.0	3.292	0.000	3	2	1	1
PL.20688	PL.26490	B	4ACSR	7.46Y	124.4	0.03	1.62	4.54	2	29	17	86	0.01	0.0	3.374	0.130	0	0	0	26
082555	PL.20688	B	Consumer	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	3.374	0.000	0	0	1	1
PL.20689	PL.20688	B	4ACSR	7.46Y	124.4	0.01	1.63	4.54	2	29	17	86	0.00	0.0	3.423	0.049	0	0	0	25
PL.38605	PL.20689	B	4ACSR	7.46Y	124.4	0.00	1.63	0.24	0	2	1	89	0.00	0.0	3.427	0.004	0	0	0	3
PD.2015	PL.38605	B	fuse6AMP	7.46Y	124.4	0.00	1.63	0.24	4	2	1	89	0.00	0.0	3.427	0.000	0	0	0	3
PL.38606	PD.2015	B	4ACSR	7.46Y	124.4	0.00	1.63	0.24	0	2	1	89	0.00	0.0	3.455	0.029	0	0	0	3
PL.5191	PL.38606	B	4ACSR	7.46Y	124.4	0.00	1.63	0.16	0	1	1	71	0.00	0.0	3.569	0.113	0	0	0	2
081505	PL.5191	B	Consumer	7.46Y	124.4	0.00	1.63	0.16	0	1	1	71	0.00	0.0	3.569	0.000	1	1	1	1
081510	PL.5191	B	Consumer	7.46Y	124.4	0.00	1.63	0.00	0	0	0	100	0.00	0.0	3.569	0.000	0	0	1	1
082507	PL.38606	B	Consumer	7.46Y	124.4	0.00	1.63	0.08	0	1	0	100	0.00	0.0	3.455	0.000	1	0	1	1
PL.26489	PL.20689	B	4ACSR	7.46Y	124.4	0.02	1.64	4.30	2	28	16	87	0.00	0.0	3.509	0.086	0	0	0	22
PL.16315	PL.26489	B	4ACSR	7.46Y	124.4	0.00	1.64	0.31	0	2	1	89	0.00	0.0	3.517	0.008	0	0	0	2
PD.2016	PL.16315	B	fuse6AMP	7.46Y	124.4	0.00	1.64	0.31	5	2	1	89	0.00	0.0	3.517	0.000	0	0	0	2
PL.16316	PD.2016	B	4ACSR	7.46Y	124.4	0.00	1.64	0.31	0	2	1	89	0.00	0.0	3.540	0.023	0	0	0	2
081512	PL.16316	B	Consumer	7.46Y	124.4	0.00	1.64	0.04	0	0	0	100	0.00	0.0	3.540	0.000	0	0	1	1
081508	PL.16316	B	Consumer	7.46Y	124.4	0.00	1.64	0.27	0	2	1	89	0.00	0.0	3.540	0.000	2	1	1	1
PL.16317	PL.26489	B	4ACSR	7.46Y	124.3	0.03	1.68	3.99	2	26	15	87	0.01	0.0	3.685	0.176	0	0	0	20
PD.576-A	PL.16317	B	Closed	7.46Y	124.3	0.00	1.68	3.99	0	26	15	87	0.00	0.0	3.685	0.000	0	0	0	20
PD.576-B	PD.576-A	B	Closed	7.46Y	124.3	0.00	1.68	3.99	0	26	15	87	0.00	0.0	3.685	0.000	0	0	0	20
PL.42764	PD.576-B	B	4ACSR	7.46Y	124.3	0.06	1.73	3.99	2	26	15	87	0.01	0.0	3.998	0.313	0	0	0	20

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.42767	PL.42764	B	2ACSR	7.45Y	124.2	0.02	1.75	3.99	2	26	15	87	0.00	0.0	4.137	0.139	0	0	0	20
PL.42769	PL.42767	B	2ACSR	7.45Y	124.2	0.01	1.76	3.99	2	26	15	87	0.00	0.0	4.206	0.069	0	0	0	20
081507	PL.42769	B	Consumer	7.45Y	124.2	0.00	1.76	0.02	0	0	0	100	0.00	0.0	4.206	0.000	0	0	1	1
081502	PL.42769	B	Consumer	7.45Y	124.2	0.00	1.76	0.11	0	1	0	100	0.00	0.0	4.206	0.000	1	0	1	1
081509	PL.42769	B	Consumer	7.45Y	124.2	0.00	1.76	0.31	0	2	1	89	0.00	0.0	4.206	0.000	2	1	1	1
PL.42774	PL.42769	B	2ACSR	7.45Y	124.2	0.01	1.78	3.55	1	23	13	87	0.00	0.0	4.310	0.104	0	0	0	17
PL.42773	PL.42774	B	2ACSR	7.45Y	124.2	0.00	1.78	0.44	0	3	2	83	0.00	0.0	4.391	0.081	0	0	0	2
081516	PL.42773	B	Consumer	7.45Y	124.2	0.00	1.78	0.22	0	1	1	71	0.00	0.0	4.391	0.000	1	1	1	1
081503	PL.42773	B	Consumer	7.45Y	124.2	0.00	1.78	0.22	0	1	1	71	0.00	0.0	4.391	0.000	1	1	1	1
PL.42775	PL.42774	B	2ACSR	7.45Y	124.2	0.01	1.78	3.11	1	20	12	86	0.00	0.0	4.380	0.070	0	0	0	15
081514	PL.42775	B	Consumer	7.45Y	124.2	0.00	1.78	0.42	0	3	2	83	0.00	0.0	4.380	0.000	3	2	1	1
081607	PL.42775	B	Consumer	7.45Y	124.2	0.00	1.78	0.05	0	0	0	100	0.00	0.0	4.380	0.000	0	0	1	1
PL.42772	PL.42775	B	2ACSR	7.45Y	124.2	0.01	1.80	2.64	1	17	10	86	0.00	0.0	4.545	0.164	0	0	0	13
0816013	PL.42772	B	Consumer	7.45Y	124.2	0.00	1.80	0.88	0	6	3	89	0.00	0.0	4.545	0.000	6	3	1	1
PL.30316	PL.42772	B	4ACSR	7.45Y	124.2	0.01	1.81	1.76	1	11	7	84	0.00	0.0	4.657	0.112	0	0	0	12
081612	PL.30316	B	Consumer	7.45Y	124.2	0.00	1.81	0.67	0	4	2	89	0.00	0.0	4.657	0.000	4	2	1	1
PL.19097	PL.30316	B	4ACSR	7.45Y	124.2	0.01	1.81	1.10	1	7	4	87	0.00	0.0	4.774	0.117	0	0	0	11
PL.19096	PL.19097	B	4ACSR	7.45Y	124.2	0.00	1.82	0.89	0	6	3	89	0.00	0.0	4.812	0.038	0	0	0	10
PL.14380	PL.19096	B	4ACSR	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.860	0.048	0	0	0	1
PL.8300	PL.14380	B	4ACSR	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.897	0.037	0	0	0	1
081610	PL.8300	B	Consumer	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.897	0.000	0	0	1	1
PL.8301	PL.8300	B	4ACSR	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	4.966	0.069	0	0	0	0
PL.5034	PL.8301	B	4ACSR	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	5.352	0.386	0	0	0	0
PL.19566	PL.19096	B	4ACSR	7.45Y	124.2	0.00	1.82	0.89	0	6	3	89	0.00	0.0	4.904	0.092	0	0	0	9
PL.19565	PL.19566	B	4ACSR	7.45Y	124.2	0.00	1.82	0.61	0	4	2	89	0.00	0.0	4.941	0.037	0	0	0	7
PD.1145	PL.19565	B	fuse6AMP	7.45Y	124.2	0.00	1.82	0.61	10	4	2	89	0.00	0.0	4.941	0.000	0	0	0	7
PL.18748	PD.1145	B	4ACSR	7.45Y	124.2	0.00	1.82	0.61	0	4	2	89	0.00	0.0	4.964	0.023	0	0	0	7
PL.14379	PL.18748	B	4ACSR	7.45Y	124.2	0.01	1.83	0.61	0	4	2	89	0.00	0.0	5.323	0.359	0	0	0	7
PL.18632	PL.14379	B	4ACSR	7.45Y	124.2	0.00	1.83	0.27	0	2	1	89	0.00	0.0	5.347	0.024	0	0	0	3
PD.1146	PL.18632	B	fuse6AMP	7.45Y	124.2	0.00	1.83	0.27	5	2	1	89	0.00	0.0	5.347	0.000	0	0	0	3
PL.18633	PD.1146	B	4ACSR	7.45Y	124.2	0.00	1.83	0.27	0	2	1	89	0.00	0.0	5.408	0.061	0	0	0	3
PL.37966	PL.18633	B	4ACSR	7.45Y	124.2	0.00	1.83	0.11	0	1	0	100	0.00	0.0	5.482	0.075	0	0	0	2
PL.37965	PL.37966	B	2ACSR	7.45Y	124.2	0.00	1.83	0.00	0	0	0	100	0.00	0.0	5.539	0.057	0	0	0	0
PL.37967	PL.37966	B	4ACSR	7.45Y	124.2	0.00	1.83	0.11	0	1	0	100	0.00	0.0	5.586	0.104	0	0	0	2
PL.19171	PL.37967	B	4ACSR	7.45Y	124.2	0.00	1.83	0.08	0	1	0	100	0.00	0.0	5.662	0.076	0	0	0	1
081605	PL.19171	B	Consumer	7.45Y	124.2	0.00	1.83	0.08	0	1	0	100	0.00	0.0	5.662	0.000	1	0	1	1
081604	PL.37967	B	Consumer	7.45Y	124.2	0.00	1.83	0.04	0	0	0	100	0.00	0.0	5.586	0.000	0	0	1	1
081603	PL.18633	B	Consumer	7.45Y	124.2	0.00	1.83	0.16	0	1	1	71	0.00	0.0	5.408	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.39236	PL.14379	B	4ACSR	7.45Y	124.2	0.00	1.83	0.33	0	2	1	89	0.00	0.0	5.511	0.188	0	0	0	4
0816016	PL.39236	B	Consumer	7.45Y	124.2	0.00	1.83	0.02	0	0	0	100	0.00	0.0	5.511	0.000	0	0	1	1
PL.39237	PL.39236	B	4ACSR	7.45Y	124.2	0.00	1.83	0.32	0	2	1	89	0.00	0.0	5.556	0.045	0	0	0	3
PD.3443	PL.39237	B	50V4E	7.45Y	124.2	0.00	1.83	0.32	0	2	1	89	0.00	0.0	5.556	0.000	0	0	0	3
PL.18802	PD.3443	B	4ACSR	7.45Y	124.2	0.00	1.84	0.32	0	2	1	89	0.00	0.0	5.651	0.095	0	0	0	3
PL.18805	PL.18802	B	4ACSR	7.45Y	124.2	0.00	1.84	0.32	0	2	1	89	0.00	0.0	5.671	0.020	0	0	0	3
PD.18-A	PL.18805	B	Closed	7.45Y	124.2	0.00	1.84	0.32	0	2	1	89	0.00	0.0	5.671	0.000	0	0	0	3
PD.18-B	PD.18-A	B	Closed	7.45Y	124.2	0.00	1.84	0.32	0	2	1	89	0.00	0.0	5.671	0.000	0	0	0	3
PL.18806	PD.18-B	B	4ACSR	7.45Y	124.2	0.00	1.84	0.32	0	2	1	89	0.00	0.0	5.692	0.021	0	0	0	3
PL.14378	PL.18806	B	4ACSR	7.45Y	124.2	0.00	1.84	0.15	0	1	1	71	0.00	0.0	5.771	0.079	0	0	0	2
PL.5032	PL.14378	B	4ACSR	7.45Y	124.2	0.00	1.84	0.15	0	1	1	71	0.00	0.0	5.848	0.077	0	0	0	2
PL.8294	PL.5032	B	4ACSR	7.45Y	124.2	0.00	1.84	0.15	0	1	1	71	0.00	0.0	5.848	0.000	0	0	0	2
PL.8295	PL.8294	B	4ACSR	7.45Y	124.2	0.00	1.84	0.14	0	1	1	71	0.00	0.0	5.936	0.089	0	0	0	1
082604	PL.8295	B	Consumer	7.45Y	124.2	0.00	1.84	0.14	0	1	1	71	0.00	0.0	5.936	0.000	1	1	1	1
082606	PL.8294	B	Consumer	7.45Y	124.2	0.00	1.84	0.01	0	0	0	100	0.00	0.0	5.848	0.000	0	0	1	1
081611	PL.18806	B	Consumer	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	5.692	0.000	0	0	0	0
081601	PL.18806	B	Consumer	7.45Y	124.2	0.00	1.84	0.17	0	1	1	71	0.00	0.0	5.692	0.000	1	1	1	1
PL.18803	PL.18802	B	4ACSR	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	5.664	0.013	0	0	0	0
PD.1147	PL.18803	B	fuse6AMP	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	5.664	0.000	0	0	0	0
PL.18804	PD.1147	B	4ACSR	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	5.971	0.307	0	0	0	0
PL.19387	PL.18804	B	4ACSR	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	6.561	0.590	0	0	0	0
PD.19-A	PL.19387	B	Closed	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	6.561	0.000	0	0	0	0
PD.19-B	PD.19-A	B	Closed	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	6.561	0.000	0	0	0	0
PL.19388	PD.19-B	B	4ACSR	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	6.582	0.020	0	0	0	0
PD.20-A	PL.19388	B	Open	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	6.582	0.000	0	0	0	0
PL.5031	PL.18804	B	4ACSR	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	6.163	0.191	0	0	0	0
PL.5030	PL.5031	B	4ACSR	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	6.312	0.149	0	0	0	0
081602	PL.19566	B	Consumer	7.45Y	124.2	0.00	1.82	0.25	0	2	1	89	0.00	0.0	4.904	0.000	2	1	1	1
081609	PL.19566	B	Consumer	7.45Y	124.2	0.00	1.82	0.04	0	0	0	100	0.00	0.0	4.904	0.000	0	0	1	1
081608	PL.19097	B	Consumer	7.45Y	124.2	0.00	1.81	0.20	0	1	1	71	0.00	0.0	4.774	0.000	1	1	1	1
PL.16311	PL.26631	B	4ACSR	7.47Y	124.5	0.00	1.53	1.13	1	7	4	87	0.00	0.0	2.995	0.010	0	0	0	4
PD.1766	PL.16311	B	fuse6AMP	7.47Y	124.5	0.00	1.53	1.13	19	7	4	87	0.00	0.0	2.995	0.000	0	0	0	4
PL.16312	PD.1766	B	4ACSR	7.47Y	124.5	0.00	1.53	1.13	1	7	4	87	0.00	0.0	3.026	0.031	0	0	0	4
PL.7639	PL.16312	B	4ACSR	7.47Y	124.5	0.00	1.53	0.47	0	3	2	83	0.00	0.0	3.116	0.090	0	0	0	2
082542	PL.7639	B	Consumer	7.47Y	124.5	0.00	1.53	0.31	0	2	1	89	0.00	0.0	3.116	0.000	2	1	1	1
082545	PL.7639	B	Consumer	7.47Y	124.5	0.00	1.53	0.16	0	1	1	71	0.00	0.0	3.116	0.000	1	1	1	1
082524	PL.16312	B	Consumer	7.47Y	124.5	0.00	1.53	0.11	0	1	0	100	0.00	0.0	3.026	0.000	1	0	1	1
082552	PL.16312	B	Consumer	7.47Y	124.5	0.00	1.53	0.55	0	4	2	89	0.00	0.0	3.026	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
PL.16309	PL.26316	B	4ACSR	7.47Y	124.5	0.00	1.48	0.21	0	1	1	71	0.00	0.0	2.815	0.010	0	0	0	3
PD.1768	PL.16309	B	fuse6AMP	7.47Y	124.5	0.00	1.48	0.21	4	1	1	71	0.00	0.0	2.815	0.000	0	0	0	3
PL.16310	PD.1768	B	4ACSR	7.47Y	124.5	0.00	1.48	0.21	0	1	1	71	0.00	0.0	2.994	0.180	0	0	0	3
PL.5028	PL.16310	B	4ACSR	7.47Y	124.5	0.00	1.48	0.15	0	1	1	71	0.00	0.0	3.134	0.140	0	0	0	2
PL.26634	PL.5028	B	4ACSR	7.47Y	124.5	0.00	1.48	0.15	0	1	1	71	0.00	0.0	3.151	0.017	0	0	0	2
PL.26315	PL.26634	B	4ACSR	7.47Y	124.5	0.00	1.48	0.15	0	1	1	71	0.00	0.0	3.342	0.191	0	0	0	1
082607	PL.26315	B	Consumer	7.47Y	124.5	0.00	1.48	0.15	0	1	1	71	0.00	0.0	3.342	0.000	1	1	1	1
082602	PL.26634	B	Consumer	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	3.151	0.000	0	0	1	1
PL.5029	PL.16310	B	4ACSR	7.47Y	124.5	0.00	1.48	0.05	0	0	0	100	0.00	0.0	3.090	0.095	0	0	0	1
082601	PL.5029	B	Consumer	7.47Y	124.5	0.00	1.48	0.05	0	0	0	100	0.00	0.0	3.090	0.000	0	0	1	1
PL.24241	PL.16310	B	4ACSR	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	2.994	0.000	0	0	0	0
PL.16305	PL.26319	B	4ACSR	7.47Y	124.5	0.00	1.46	0.34	0	2	1	89	0.00	0.0	2.763	0.014	0	0	0	2
PD.1771	PL.16305	B	fuse6AMP	7.47Y	124.5	0.00	1.46	0.34	6	2	1	89	0.00	0.0	2.763	0.000	0	0	0	2
PL.16306	PD.1771	B	4ACSR	7.47Y	124.5	0.00	1.46	0.34	0	2	1	89	0.00	0.0	2.838	0.076	0	0	0	2
082539	PL.16306	B	Consumer	7.47Y	124.5	0.00	1.46	0.16	0	1	1	71	0.00	0.0	2.838	0.000	1	1	1	1
082553	PL.16306	B	Consumer	7.47Y	124.5	0.00	1.46	0.18	0	1	1	71	0.00	0.0	2.838	0.000	1	1	1	1
082549	PL.26319	B	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	2.748	0.000	0	0	0	0
082506	PL.19172	B	Consumer	7.48Y	124.6	0.00	1.41	0.10	0	1	0	100	0.00	0.0	2.595	0.000	1	0	1	1
082547	PL.19172	B	Consumer	7.48Y	124.6	0.00	1.41	0.02	0	0	0	100	0.00	0.0	2.595	0.000	0	0	1	1
PL.7635	PL.26321	B	4ACSR	7.48Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	2.499	0.001	0	0	0	0
082558	PL.26322	B	Consumer	7.48Y	124.7	0.00	1.35	0.07	0	0	0	100	0.00	0.0	2.437	0.000	0	0	1	1
082401	PL.26487	B	Consumer	7.50Y	125.0	0.00	1.00	0.45	0	3	2	83	0.00	0.0	1.767	0.000	3	2	1	1
082410	PL.26487	B	Consumer	7.50Y	125.0	0.00	1.00	0.11	0	1	0	100	0.00	0.0	1.767	0.000	1	0	1	1
PL.14837	PL.26487	B	4ACSR	7.50Y	125.0	0.00	1.00	0.94	0	6	4	83	0.00	0.0	1.780	0.012	0	0	0	4
PD.1775	PL.14837	B	fuse6AMP	7.50Y	125.0	0.00	1.00	0.94	16	6	4	83	0.00	0.0	1.780	0.000	0	0	0	4
PL.14838	PD.1775	B	4ACSR	7.50Y	125.0	0.00	1.00	0.94	0	6	4	83	0.00	0.0	1.881	0.101	0	0	0	4
082521	PL.14838	B	Consumer	7.50Y	125.0	0.00	1.00	0.39	0	3	1	95	0.00	0.0	1.881	0.000	3	1	1	1
PL.8357	PL.14838	B	4ACSR	7.50Y	125.0	0.00	1.00	0.55	0	4	2	89	0.00	0.0	1.971	0.090	0	0	0	3
082556	PL.8357	B	Consumer	7.50Y	125.0	0.00	1.00	0.42	0	3	2	83	0.00	0.0	1.971	0.000	3	2	1	1
PL.8358	PL.8357	B	4ACSR	7.50Y	125.0	0.00	1.00	0.14	0	1	1	71	0.00	0.0	2.014	0.043	0	0	0	2
082551	PL.8358	B	Consumer	7.50Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	2.014	0.000	0	0	1	1
082522	PL.8358	B	Consumer	7.50Y	125.0	0.00	1.00	0.14	0	1	1	71	0.00	0.0	2.014	0.000	1	1	1	1
PL.6961	PL.6965	A	4ACSR	7.57Y	126.1	0.00	-0.09	7.73	4	51	29	87	0.01	0.0	1.134	0.006	0	0	0	11
		B		7.52Y	125.3	0.00	0.69	11.21	6	73	42	86					0	0	0	28
		C		7.53Y	125.5	0.01	0.48	25.91	13	169	98	86					0	0	0	68
PL.20401	PL.6961	A	397ACSR	7.57Y	126.1	-0.00	-0.10	7.57	1	50	29	87	0.01	0.0	1.162	0.028	0	0	0	10
		B		7.52Y	125.3	0.00	0.69	11.21	1	73	42	86					0	0	0	28
		C		7.53Y	125.5	0.01	0.49	25.19	3	164	95	86					0	0	0	66
PD.3716	PL.20401	A	25V4E	7.57Y	126.1	0.00	-0.10	7.57	30	50	29	87	0.00	0.0	1.162	0.000	0	0	0	10
		B		7.52Y	125.3	0.00	0.69	11.21	45	73	42	86					0	0	0	28
		C		7.53Y	125.5	0.00	0.49	25.19	0	164	95	86					0	0	0	66

Unbalanced Voltage Drop Report
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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.20402	PD.3716	A	4ACSR	7.57Y	126.1	0.00	-0.09	7.57	4	50	29	87	0.02	0.0	1.171	0.009	0	0	0	10
		B		7.52Y	125.3	0.00	0.70	11.21	6	73	42	86					0	0	0	28
		C		7.53Y	125.5	0.01	0.50	25.19	13	164	95	86					0	0	0	66
521913	PL.20402	A	Consumer	7.57Y	126.1	0.00	-0.09	0.00	0	0	0	100	0.00	0.0	1.171	0.000	0	0	0	0
521901	PL.20402	A	Consumer	7.57Y	126.1	0.00	-0.09	0.00	0	0	0	100	0.00	0.0	1.171	0.000	0	0	0	0
521902	PL.20402	A	Consumer	7.57Y	126.1	0.00	-0.09	0.01	0	0	0	100	0.00	0.0	1.171	0.000	0	0	1	1
521806	PL.20402	A	Consumer	7.57Y	126.1	0.00	-0.09	0.00	0	0	0	100	0.00	0.0	1.171	0.000	0	0	0	0
PL.17950	PL.20402	A	4ACSR	7.57Y	126.1	0.01	-0.09	7.56	4	49	29	86	0.13	0.0	1.243	0.071	0	0	0	9
		B		7.52Y	125.3	0.03	0.73	11.21	6	73	42	86					0	0	0	28
		C		7.53Y	125.4	0.08	0.57	25.19	13	164	95	86					0	0	0	66
PL.17951	PL.17950	A	4ACSR	7.56Y	126.1	0.01	-0.08	7.56	4	49	29	86	0.15	0.1	1.327	0.084	0	0	0	9
		B		7.51Y	125.2	0.04	0.77	11.12	6	72	42	86					0	0	0	27
		C		7.52Y	125.3	0.09	0.66	25.19	13	164	95	86					0	0	0	66
PL.26783	PL.17951	A	4ACSR	7.56Y	126.1	0.00	-0.08	0.15	0	1	1	71	0.00	0.0	1.335	0.008	0	0	0	1
PD.2439	PL.26783	A	fuse6AMP	7.56Y	126.1	0.00	-0.08	0.15	3	1	1	71	0.00	0.0	1.335	0.000	0	0	0	1
PL.26784	PD.2439	A	4ACSR	7.56Y	126.1	0.00	-0.08	0.15	0	1	1	71	0.00	0.0	1.381	0.046	0	0	0	1
5217003	PL.26784	A	Consumer	7.56Y	126.1	0.00	-0.08	0.00	0	0	0	100	0.00	0.0	1.381	0.000	0	0	0	0
521702	PL.26784	A	Consumer	7.56Y	126.1	0.00	-0.08	0.15	0	1	1	71	0.00	0.0	1.381	0.000	1	1	1	1
PL.17949	PL.17951	A	4ACSR	7.56Y	126.1	0.01	-0.06	7.41	4	48	28	86	0.21	0.1	1.441	0.114	0	0	0	8
		B		7.51Y	125.2	0.05	0.83	11.12	6	72	42	86					0	0	0	27
		C		7.51Y	125.2	0.12	0.79	25.19	13	164	95	86					0	0	0	66
521701	PL.17949	B	Consumer	7.51Y	125.2	0.00	0.83	0.17	0	1	1	71	0.00	0.0	1.441	0.000	1	1	1	1
PL.6959	PL.17949	A	4ACSR	7.56Y	126.1	0.01	-0.06	7.41	4	48	28	86	0.12	0.0	1.509	0.068	0	0	0	8
		B		7.51Y	125.1	0.03	0.86	10.95	6	71	41	86					0	0	0	26
		C		7.51Y	125.1	0.07	0.86	25.19	13	164	95	86					0	0	0	66
522609	PL.6959	B	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	1.509	0.000	0	0	0	0
522608	PL.6959	B	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	1.509	0.000	0	0	1	1
522602	PL.6959	B	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	1.509	0.000	0	0	1	1
521603	PL.6959	B	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	1.509	0.000	0	0	1	1
PL.6960	PL.6959	A	4ACSR	7.56Y	126.0	0.01	-0.05	7.23	4	47	27	87	0.12	0.0	1.576	0.068	0	0	0	7
		B		7.51Y	125.1	0.03	0.89	10.94	6	71	41	86					0	0	0	23
		C		7.50Y	125.1	0.07	0.93	25.19	13	163	95	86					0	0	0	66
PL.14083	PL.6960	A	2ACSR	7.56Y	126.0	0.00	-0.05	7.23	3	47	27	87	0.00	0.0	1.577	0.000	0	0	0	7
		B		7.51Y	125.1	0.00	0.89	10.94	4	71	41	86					0	0	0	23
		C		7.50Y	125.1	0.00	0.93	25.19	10	163	95	86					0	0	0	66
PL.26788	PL.14083	C	4ACSR	7.50Y	125.1	0.00	0.93	0.99	1	6	4	83	0.00	0.0	1.585	0.008	0	0	0	4
PD.2440	PL.26788	C	fuse8AMP	7.50Y	125.1	0.00	0.93	0.99	14	6	4	83	0.00	0.0	1.585	0.000	0	0	0	4
PL.26787	PD.2440	C	4ACSR	7.50Y	125.1	0.00	0.93	0.99	1	6	4	83	0.00	0.0	1.626	0.042	0	0	0	4
5226015	PL.26787	C	Consumer	7.50Y	125.1	0.00	0.93	0.01	0	0	0	100	0.00	0.0	1.626	0.000	0	0	1	1
522613	PL.26787	C	Consumer	7.50Y	125.1	0.00	0.93	0.26	0	2	1	89	0.00	0.0	1.626	0.000	2	1	1	1
522607	PL.26787	C	Consumer	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	1.626	0.000	0	0	0	0
522612	PL.26787	C	Consumer	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	1.626	0.000	0	0	0	0
522606	PL.26787	C	Consumer	7.50Y	125.1	0.00	0.93	0.28	0	2	1	89	0.00	0.0	1.626	0.000	2	1	1	1
522601	PL.26787	C	Consumer	7.50Y	125.1	0.00	0.93	0.44	0	3	2	83	0.00	0.0	1.626	0.000	3	2	1	1
PL.26789	PL.14083	A	4ACSR	7.56Y	126.0	0.00	-0.05	1.10	1	7	4	87	0.00	0.0	1.587	0.011	0	0	0	5

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.2441	PL.26789	A	fuse8AMP	7.56Y	126.0	0.00	-0.05	1.10	15	7	4	87	0.00	0.0	1.587	0.000	0	0	0	5
PL.26790	PD.2441	A	4ACSR	7.56Y	126.0	0.00	-0.04	1.10	1	7	4	87	0.00	0.0	1.669	0.082	0	0	0	5
522701	PL.26790	A	Consumer	7.56Y	126.0	0.00	-0.04	0.16	0	1	1	71	0.00	0.0	1.669	0.000	1	1	1	1
PL.3500	PL.26790	A	4ACSR	7.56Y	126.0	0.00	-0.04	0.94	0	6	4	83	0.00	0.0	1.713	0.044	0	0	0	4
PL.3498	PL.3500	A	4ACSR	7.56Y	126.0	0.00	-0.04	0.80	0	5	3	86	0.00	0.0	1.801	0.088	0	0	0	2
PL.3496	PL.3498	A	4ACSR	7.56Y	126.0	0.00	-0.04	0.44	0	3	2	83	0.00	0.0	1.883	0.082	0	0	0	1
PL.3495	PL.3496	A	4ACSR	7.56Y	126.0	0.00	-0.04	0.44	0	3	2	83	0.00	0.0	1.953	0.070	0	0	0	1
525701	PL.3495	A	Consumer	7.56Y	126.0	0.00	-0.04	0.44	0	3	2	83	0.00	0.0	1.953	0.000	3	2	1	1
PL.3497	PL.3498	A	4ACSR	7.56Y	126.0	0.00	-0.04	0.35	0	2	1	89	0.00	0.0	1.813	0.012	0	0	0	1
524701	PL.3497	A	Consumer	7.56Y	126.0	0.00	-0.04	0.35	0	2	1	89	0.00	0.0	1.813	0.000	2	1	1	1
PL.3499	PL.3500	A	4ACSR	7.56Y	126.0	0.00	-0.04	0.14	0	1	1	71	0.00	0.0	1.769	0.056	0	0	0	2
523601	PL.3499	A	Consumer	7.56Y	126.0	0.00	-0.04	0.13	0	1	1	71	0.00	0.0	1.769	0.000	1	1	1	1
523602	PL.3499	A	Consumer	7.56Y	126.0	0.00	-0.04	0.01	0	0	0	100	0.00	0.0	1.769	0.000	0	0	1	1
PL.6955	PL.14083	B	4ACSR	7.51Y	125.1	0.00	0.89	6.12	3	40	23	87	0.00	0.0	1.584	0.007	0	0	0	22
522605	PL.6955	B	Consumer	7.51Y	125.1	0.00	0.89	0.17	0	1	1	71	0.00	0.0	1.584	0.000	1	1	1	1
522604	PL.6955	B	Consumer	7.51Y	125.1	0.00	0.89	0.07	0	0	0	100	0.00	0.0	1.584	0.000	0	0	1	1
PL.6956	PL.6955	B	4ACSR	7.51Y	125.1	0.00	0.90	5.88	3	38	22	87	0.00	0.0	1.600	0.017	0	0	0	20
522611	PL.6956	B	Consumer	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	1.600	0.000	0	0	1	1
522614	PL.6956	B	Consumer	7.51Y	125.1	0.00	0.90	0.32	0	2	1	89	0.00	0.0	1.600	0.000	2	1	1	1
522603	PL.6956	B	Consumer	7.51Y	125.1	0.00	0.90	0.18	0	1	1	71	0.00	0.0	1.600	0.000	1	1	1	1
PL.6957	PL.6956	B	4ACSR	7.51Y	125.1	0.01	0.91	5.37	3	35	20	87	0.00	0.0	1.635	0.035	0	0	0	17
PL.14223	PL.6957	B	4ACSR	7.50Y	125.1	0.02	0.93	5.26	3	34	19	87	0.01	0.0	1.734	0.099	0	0	0	16
PL.3494	PL.14223	B	4ACSR	7.50Y	125.1	0.00	0.93	0.72	0	5	3	86	0.00	0.0	1.761	0.027	0	0	0	2
524602	PL.3494	B	Consumer	7.50Y	125.1	0.00	0.93	0.17	0	1	1	71	0.00	0.0	1.761	0.000	1	1	1	1
5246005	PL.3494	B	Consumer	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	1.761	0.000	0	0	0	0
524603	PL.3494	B	Consumer	7.50Y	125.1	0.00	0.93	0.55	0	4	2	89	0.00	0.0	1.761	0.000	4	2	1	1
PL.14224	PL.14223	B	4ACSR	7.50Y	125.1	0.00	0.93	4.43	2	29	16	88	0.00	0.0	1.754	0.020	0	0	0	13
PL.14085	PL.14224	B	4ACSR	7.50Y	125.0	0.02	0.95	4.22	2	28	15	88	0.00	0.0	1.836	0.082	0	0	0	12
083436	PL.14085	B	Consumer	7.50Y	125.0	0.00	0.95	0.23	0	2	1	89	0.00	0.0	1.836	0.000	2	1	1	1
PL.14086	PL.14085	B	4ACSR	7.50Y	125.0	0.01	0.96	2.73	1	18	10	87	0.00	0.0	1.939	0.103	0	0	0	9
PL.5207	PL.14086	B	4ACSR	7.50Y	125.0	0.00	0.97	0.85	0	5	3	86	0.00	0.0	2.023	0.084	0	0	0	2
PL.5206	PL.5207	B	4ACSR	7.50Y	125.0	0.00	0.97	0.85	0	5	3	86	0.00	0.0	2.044	0.021	0	0	0	2
PL.5214	PL.5206	B	4ACSR	7.50Y	125.0	0.00	0.97	0.85	0	5	3	86	0.00	0.0	2.086	0.042	0	0	0	2
083453	PL.5214	B	Consumer	7.50Y	125.0	0.00	0.97	0.51	0	3	2	83	0.00	0.0	2.086	0.000	3	2	1	1
083451	PL.5214	B	Consumer	7.50Y	125.0	0.00	0.97	0.34	0	2	1	89	0.00	0.0	2.086	0.000	2	1	1	1
083424	PL.14086	B	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	1.939	0.000	0	0	0	0
083423	PL.14086	B	Consumer	7.50Y	125.0	0.00	0.96	0.09	0	1	0	100	0.00	0.0	1.939	0.000	1	0	1	1
083428	PL.14086	B	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	1.939	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 083434, 083421, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.3455	PL.20226	C	25V4E	7.43Y	123.9	0.00	2.10	10.22	41	66	38	87	0.00	0.0	2.761	0.000	0	0	0	30
PL.20227	PD.3455	C	4ACSR	7.43Y	123.9	0.03	2.13	10.22	5	66	38	87	0.02	0.0	2.822	0.061	0	0	0	30
PL.8443	PL.20227	C	4ACSR	7.43Y	123.9	0.01	2.15	10.14	5	65	38	86	0.01	0.0	2.849	0.027	0	0	0	29
PL.8425	PL.8443	C	4ACSR	7.43Y	123.8	0.05	2.19	10.14	5	65	38	86	0.02	0.0	2.948	0.099	0	0	0	29
083336	PL.8425	C	Consumer	7.43Y	123.8	0.00	2.19	0.89	0	6	3	89	0.00	0.0	2.948	0.000	6	3	1	1
PL.13054	PL.8425	C	4ACSR	7.43Y	123.8	0.01	2.21	9.26	5	60	34	87	0.01	0.0	2.981	0.033	0	0	0	28
PL.18772	PL.13054	C	4ACSR	7.43Y	123.8	0.01	2.22	7.62	4	49	28	87	0.00	0.0	3.015	0.034	0	0	0	22
PD.581-A	PL.18772	C	Closed	7.43Y	123.8	0.00	2.22	7.62	0	49	28	87	0.00	0.0	3.015	0.000	0	0	0	22
PD.581-B	PD.581-A	C	Closed	7.43Y	123.8	0.00	2.22	7.62	0	49	28	87	0.00	0.0	3.015	0.000	0	0	0	22
PL.18773	PD.581-B	C	4ACSR	7.43Y	123.8	0.00	2.22	7.62	4	49	28	87	0.00	0.0	3.020	0.005	0	0	0	22
083308	PL.18773	C	Consumer	7.43Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	3.020	0.000	0	0	1	1
083329	PL.18773	C	Consumer	7.43Y	123.8	0.00	2.22	0.19	0	1	1	71	0.00	0.0	3.020	0.000	1	1	1	1
PL.13056	PL.18773	C	4ACSR	7.43Y	123.8	0.02	2.24	7.43	4	48	28	86	0.01	0.0	3.073	0.053	0	0	0	20
PL.13057	PL.13056	C	4ACSR	7.42Y	123.7	0.03	2.27	6.36	3	41	24	86	0.01	0.0	3.164	0.091	0	0	0	17
083305	PL.13057	C	Consumer	7.42Y	123.7	0.00	2.27	0.25	0	2	1	89	0.00	0.0	3.164	0.000	2	1	1	1
083334	PL.13057	C	Consumer	7.42Y	123.7	0.00	2.27	0.52	0	3	2	83	0.00	0.0	3.164	0.000	3	2	1	1
083313	PL.13057	C	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	3.164	0.000	0	0	0	0
083324	PL.13057	C	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	3.164	0.000	0	0	0	0
PL.8373	PL.13057	C	4ACSR	7.42Y	123.7	0.01	2.28	5.31	3	34	20	86	0.00	0.0	3.215	0.050	0	0	0	14
PL.8374	PL.8373	C	4ACSR	7.42Y	123.7	0.02	2.30	4.95	3	32	18	87	0.00	0.0	3.290	0.075	0	0	0	13
PL.13058	PL.8374	C	4ACSR	7.42Y	123.7	0.04	2.34	4.95	3	32	18	87	0.01	0.0	3.460	0.170	0	0	0	13
PL.16333	PL.13058	C	4ACSR	7.42Y	123.7	0.00	2.34	0.33	0	2	1	89	0.00	0.0	3.466	0.006	0	0	0	1
PD.2036	PL.16333	C	fuse6AMP	7.42Y	123.7	0.00	2.34	0.33	6	2	1	89	0.00	0.0	3.466	0.000	0	0	0	1
PL.16334	PD.2036	C	4ACSR	7.42Y	123.7	0.00	2.34	0.33	0	2	1	89	0.00	0.0	3.523	0.057	0	0	0	1
083322	PL.16334	C	Consumer	7.42Y	123.7	0.00	2.34	0.33	0	2	1	89	0.00	0.0	3.523	0.000	2	1	1	1
PL.13059	PL.13058	C	4ACSR	7.42Y	123.6	0.03	2.37	4.61	2	30	17	87	0.01	0.0	3.622	0.162	0	0	0	12
PL.13060	PL.13059	C	4ACSR	7.42Y	123.6	0.01	2.38	3.23	2	21	12	87	0.00	0.0	3.659	0.037	0	0	0	10
083321	PL.13060	C	Consumer	7.42Y	123.6	0.00	2.38	0.80	0	5	3	86	0.00	0.0	3.659	0.000	5	3	1	1
083302	PL.13060	C	Consumer	7.42Y	123.6	0.00	2.38	0.13	0	1	0	100	0.00	0.0	3.659	0.000	1	0	1	1
083331	PL.13060	C	Consumer	7.42Y	123.6	0.00	2.38	0.42	0	3	2	83	0.00	0.0	3.659	0.000	3	2	1	1
083330	PL.13060	C	Consumer	7.42Y	123.6	0.00	2.38	0.18	0	1	1	71	0.00	0.0	3.659	0.000	1	1	1	1
083317	PL.13060	C	Consumer	7.42Y	123.6	0.00	2.38	0.46	0	3	2	83	0.00	0.0	3.659	0.000	3	2	1	1
083323	PL.13060	C	Consumer	7.42Y	123.6	0.00	2.38	0.07	0	0	0	100	0.00	0.0	3.659	0.000	0	0	1	1
PL.19411	PL.13060	C	4ACSR	7.42Y	123.6	0.00	2.38	1.18	1	8	4	89	0.00	0.0	3.703	0.043	0	0	0	4
PL.19412	PL.19411	C	4ACSR	7.42Y	123.6	0.00	2.38	0.48	0	3	2	83	0.00	0.0	3.731	0.028	0	0	0	2
083310	PL.19412	C	Consumer	7.42Y	123.6	0.00	2.38	0.10	0	1	0	100	0.00	0.0	3.731	0.000	1	0	1	1
PL.19567	PL.19412	C	4ACSR	7.42Y	123.6	0.00	2.38	0.38	0	2	1	89	0.00	0.0	3.764	0.034	0	0	0	1
PL.20690	PL.19567	C	4ACSR	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	4.093	0.329	0	0	0	0

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.20691	PL.20690	C	4ACSR	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	4.145	0.052	0	0	0	0
PL.38139	PL.20691	C	4ACSR	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	4.150	0.005	0	0	0	0
PD.579-A	PL.38139	C	Open	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	4.150	0.000	0	0	0	0
0832112	PL.20690	C	Consumer	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	4.093	0.000	0	0	0	0
083319	PL.19567	C	Consumer	7.42Y	123.6	0.00	2.38	0.38	0	2	1	89	0.00	0.0	3.764	0.000	2	1	1	1
083320	PL.19411	C	Consumer	7.42Y	123.6	0.00	2.38	0.17	0	1	1	71	0.00	0.0	3.703	0.000	1	1	1	1
083315	PL.19411	C	Consumer	7.42Y	123.6	0.00	2.38	0.53	0	3	2	83	0.00	0.0	3.703	0.000	3	2	1	1
PL.16335	PL.13059	C	4ACSR	7.42Y	123.6	0.00	2.37	1.38	1	9	5	87	0.00	0.0	3.632	0.010	0	0	0	2
PD.2037	PL.16335	C	fuse6AMP	7.42Y	123.6	0.00	2.37	1.38	24	9	5	87	0.00	0.0	3.632	0.000	0	0	0	2
PL.16336	PD.2037	C	4ACSR	7.42Y	123.6	0.00	2.38	1.38	1	9	5	87	0.00	0.0	3.701	0.069	0	0	0	2
083337	PL.16336	C	Consumer	7.42Y	123.6	0.00	2.38	0.04	0	0	0	100	0.00	0.0	3.701	0.000	0	0	1	1
PL.24493	PL.16336	C	4ACSR	7.42Y	123.6	0.00	2.38	1.34	1	9	5	87	0.00	0.0	3.735	0.035	0	0	0	1
083338	PL.24493	C	Consumer	7.42Y	123.6	0.00	2.38	1.34	0	9	5	87	0.00	0.0	3.735	0.000	9	5	1	1
0833040	PL.13058	C	Consumer	7.42Y	123.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	3.460	0.000	0	0	0	0
083332	PL.8373	C	Consumer	7.42Y	123.7	0.00	2.28	0.36	0	2	1	89	0.00	0.0	3.215	0.000	2	1	1	1
PL.16337	PL.13057	C	4ACSR	7.42Y	123.7	0.00	2.27	0.29	0	2	1	89	0.00	0.0	3.172	0.008	0	0	0	1
PD.2035	PL.16337	C	fuse6AMP	7.42Y	123.7	0.00	2.27	0.29	5	2	1	89	0.00	0.0	3.172	0.000	0	0	0	1
PL.16338	PD.2035	C	4ACSR	7.42Y	123.7	0.00	2.27	0.29	0	2	1	89	0.00	0.0	3.240	0.068	0	0	0	1
083328	PL.16338	C	Consumer	7.42Y	123.7	0.00	2.27	0.29	0	2	1	89	0.00	0.0	3.240	0.000	2	1	1	1
083326	PL.13056	C	Consumer	7.43Y	123.8	0.00	2.24	0.73	0	5	3	86	0.00	0.0	3.073	0.000	5	3	1	1
083327	PL.13056	C	Consumer	7.43Y	123.8	0.00	2.24	0.31	0	2	1	89	0.00	0.0	3.073	0.000	2	1	1	1
PL.16339	PL.13056	C	4ACSR	7.43Y	123.8	0.00	2.24	0.03	0	0	0	100	0.00	0.0	3.080	0.007	0	0	0	1
PD.2034	PL.16339	C	fuse6AMP	7.43Y	123.8	0.00	2.24	0.03	1	0	0	100	0.00	0.0	3.080	0.000	0	0	0	1
PL.16340	PD.2034	C	4ACSR	7.43Y	123.8	0.00	2.24	0.03	0	0	0	100	0.00	0.0	3.126	0.045	0	0	0	1
0833039	PL.16340	C	Consumer	7.43Y	123.8	0.00	2.24	0.03	0	0	0	100	0.00	0.0	3.126	0.000	0	0	1	1
083306	PL.16340	C	Consumer	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	3.126	0.000	0	0	0	0
PL.16341	PL.13054	C	4ACSR	7.43Y	123.8	0.00	2.21	1.43	1	9	5	87	0.00	0.0	2.988	0.007	0	0	0	5
PD.2033	PL.16341	C	fuse6AMP	7.43Y	123.8	0.00	2.21	1.43	24	9	5	87	0.00	0.0	2.988	0.000	0	0	0	5
PL.16342	PD.2033	C	4ACSR	7.43Y	123.8	0.00	2.21	1.43	1	9	5	87	0.00	0.0	3.014	0.026	0	0	0	5
PL.24254	PL.16342	C	4ACSR	7.43Y	123.8	0.00	2.21	1.31	1	8	5	85	0.00	0.0	3.071	0.057	0	0	0	4
PL.4641	PL.24254	C	4ACSR	7.43Y	123.8	0.00	2.21	0.50	0	3	2	83	0.00	0.0	3.090	0.019	0	0	0	2
PL.8369	PL.4641	C	4ACSR	7.43Y	123.8	0.00	2.22	0.50	0	3	2	83	0.00	0.0	3.176	0.086	0	0	0	2
PL.8370	PL.8369	C	4ACSR	7.43Y	123.8	0.00	2.22	0.21	0	1	1	71	0.00	0.0	3.214	0.038	0	0	0	1
084308	PL.8370	C	Consumer	7.43Y	123.8	0.00	2.22	0.21	0	1	1	71	0.00	0.0	3.214	0.000	1	1	1	1
084307	PL.8369	C	Consumer	7.43Y	123.8	0.00	2.22	0.29	0	2	1	89	0.00	0.0	3.176	0.000	2	1	1	1
084306	PL.24254	C	Consumer	7.43Y	123.8	0.00	2.21	0.23	0	1	1	71	0.00	0.0	3.071	0.000	1	1	1	1
PL.4642	PL.24254	C	4ACSR	7.43Y	123.8	0.00	2.22	0.59	0	4	2	89	0.00	0.0	3.160	0.089	0	0	0	1
084303	PL.4642	C	Consumer	7.43Y	123.8	0.00	2.22	0.59	0	4	2	89	0.00	0.0	3.160	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.13055	PL.16342	C	4ACSR	7.43Y	123.8	0.00	2.21	0.12	0	1	0	100	0.00	0.0	3.051	0.038	0	0	0	1
083335	PL.13055	C	Consumer	7.43Y	123.8	0.00	2.21	0.12	0	1	0	100	0.00	0.0	3.051	0.000	1	0	1	1
083333	PL.13054	C	Consumer	7.43Y	123.8	0.00	2.21	0.21	0	1	1	71	0.00	0.0	2.981	0.000	1	1	1	1
083401	PL.20227	C	Consumer	7.43Y	123.9	0.00	2.13	0.08	0	1	0	100	0.00	0.0	2.822	0.000	1	0	1	1
PL.26396	PL.14093	C	4ACSR	7.43Y	123.9	0.00	2.10	0.23	0	1	1	71	0.00	0.0	2.774	0.019	0	0	0	1
PD.2044	PL.26396	C	fuse6AMP	7.43Y	123.9	0.00	2.10	0.23	4	1	1	71	0.00	0.0	2.774	0.000	0	0	0	1
PL.26397	PD.2044	C	4ACSR	7.43Y	123.9	0.00	2.10	0.23	0	1	1	71	0.00	0.0	2.832	0.058	0	0	0	1
083413	PL.26397	C	Consumer	7.43Y	123.9	0.00	2.10	0.23	0	1	1	71	0.00	0.0	2.832	0.000	1	1	1	1
083408	PL.26397	C	Consumer	7.43Y	123.9	0.00	2.10	0.00	0	0	0	100	0.00	0.0	2.832	0.000	0	0	0	0
083450	PL.14093	C	Consumer	7.43Y	123.9	0.00	2.10	0.00	0	0	0	100	0.00	0.0	2.755	0.000	0	0	1	1
PL.18608	PL.14092	C	4ACSR	7.44Y	123.9	0.00	2.05	8.82	5	57	33	87	0.00	0.0	2.659	0.006	0	0	0	28
PD.3454	PL.18608	C	25V4E	7.44Y	123.9	0.00	2.05	8.82	35	57	33	87	0.00	0.0	2.659	0.000	0	0	0	28
PL.18609	PD.3454	C	4ACSR	7.44Y	123.9	0.02	2.08	8.82	5	57	33	87	0.01	0.0	2.712	0.053	0	0	0	28
PL.8444	PL.18609	C	4ACSR	7.43Y	123.9	0.03	2.10	8.05	4	52	30	87	0.01	0.0	2.780	0.068	0	0	0	26
PL.4740	PL.8444	C	4ACSR	7.43Y	123.9	0.00	2.10	0.50	0	3	2	83	0.00	0.0	2.888	0.108	0	0	0	2
084406	PL.4740	C	Consumer	7.43Y	123.9	0.00	2.10	0.14	0	1	1	71	0.00	0.0	2.888	0.000	1	1	1	1
PL.8452	PL.4740	C	4ACSR	7.43Y	123.9	0.00	2.10	0.37	0	2	1	89	0.00	0.0	2.919	0.031	0	0	0	1
084433	PL.8452	C	Consumer	7.43Y	123.9	0.00	2.10	0.37	0	2	1	89	0.00	0.0	2.919	0.000	2	1	1	1
PL.8453	PL.8452	C	4ACSR	7.43Y	123.9	0.00	2.10	0.00	0	0	0	100	0.00	0.0	2.947	0.028	0	0	0	0
083414	PL.8444	C	Consumer	7.43Y	123.9	0.00	2.10	1.12	0	7	4	87	0.00	0.0	2.780	0.000	7	4	1	1
PL.26402	PL.8444	C	4ACSR	7.43Y	123.9	0.00	2.10	0.32	0	2	1	89	0.00	0.0	2.801	0.021	0	0	0	1
PD.2045	PL.26402	C	fuse6AMP	7.43Y	123.9	0.00	2.10	0.32	5	2	1	89	0.00	0.0	2.801	0.000	0	0	0	1
PL.26403	PD.2045	C	4ACSR	7.43Y	123.9	0.00	2.10	0.32	0	2	1	89	0.00	0.0	2.858	0.057	0	0	0	1
083452	PL.26403	C	Consumer	7.43Y	123.9	0.00	2.10	0.32	0	2	1	89	0.00	0.0	2.858	0.000	2	1	1	1
PL.13049	PL.8444	C	4ACSR	7.43Y	123.9	0.02	2.12	6.10	3	39	23	86	0.01	0.0	2.848	0.068	0	0	0	22
PL.13050	PL.13049	C	4ACSR	7.43Y	123.9	0.01	2.13	5.53	3	36	20	87	0.00	0.0	2.901	0.053	0	0	0	21
084401	PL.13050	C	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	2.901	0.000	0	0	1	1
084425	PL.13050	C	Consumer	7.43Y	123.9	0.00	2.13	0.13	0	1	0	100	0.00	0.0	2.901	0.000	1	0	1	1
084422	PL.13050	C	Consumer	7.43Y	123.9	0.00	2.13	0.37	0	2	1	89	0.00	0.0	2.901	0.000	2	1	1	1
PL.8441	PL.13050	C	4ACSR	7.43Y	123.8	0.02	2.16	4.58	2	30	17	87	0.00	0.0	2.996	0.096	0	0	0	16
PL.8456	PL.8441	C	4ACSR	7.43Y	123.8	0.01	2.16	4.09	2	26	15	87	0.00	0.0	3.023	0.026	0	0	0	12
084437	PL.8456	C	Consumer	7.43Y	123.8	0.00	2.16	0.22	0	1	1	71	0.00	0.0	3.023	0.000	1	1	1	1
PL.13051	PL.8456	C	4ACSR	7.43Y	123.8	0.01	2.17	3.13	2	20	12	86	0.00	0.0	3.097	0.074	0	0	0	9
PL.4739	PL.13051	C	4ACSR	7.43Y	123.8	0.01	2.18	2.62	1	17	10	86	0.00	0.0	3.175	0.079	0	0	0	6
PL.5212	PL.4739	C	4ACSR	7.43Y	123.8	0.00	2.18	1.19	1	8	4	89	0.00	0.0	3.252	0.076	0	0	0	2
PL.5215	PL.5212	C	4ACSR	7.43Y	123.8	0.01	2.19	0.84	0	5	3	86	0.00	0.0	3.384	0.132	0	0	0	1
084435	PL.5215	C	Consumer	7.43Y	123.8	0.00	2.19	0.84	0	5	3	86	0.00	0.0	3.384	0.000	5	3	1	1
084432	PL.5212	C	Consumer	7.43Y	123.8	0.00	2.18	0.35	0	2	1	89	0.00	0.0	3.252	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
PL.5213	PL.4739	C	4ACSR	7.43Y	123.8	0.00	2.18	1.05	1	7	4	87	0.00	0.0	3.238	0.063	0	0	0	2
084434	PL.5213	C	Consumer	7.43Y	123.8	0.00	2.18	0.22	0	1	1	71	0.00	0.0	3.238	0.000	1	1	1	1
084431	PL.5213	C	Consumer	7.43Y	123.8	0.00	2.18	0.84	0	5	3	86	0.00	0.0	3.238	0.000	5	3	1	1
084428	PL.4739	C	Consumer	7.43Y	123.8	0.00	2.18	0.14	0	1	1	71	0.00	0.0	3.175	0.000	1	1	1	1
084417	PL.4739	C	Consumer	7.43Y	123.8	0.00	2.18	0.24	0	2	1	89	0.00	0.0	3.175	0.000	2	1	1	1
PL.30339	PL.13051	C	4ACSR	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.245	0.148	0	0	0	1
PL.13053	PL.30339	C	4ACSR	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.466	0.221	0	0	0	1
084412	PL.13053	C	Consumer	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.466	0.000	0	0	1	1
PL.8436	PL.13053	C	4ACSR	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.839	0.373	0	0	0	0
084415	PL.8436	C	Consumer	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.839	0.000	0	0	0	0
PL.4737	PL.30339	C	4ACSR	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.311	0.066	0	0	0	0
084430	PL.13051	C	Consumer	7.43Y	123.8	0.00	2.17	0.26	0	2	1	89	0.00	0.0	3.097	0.000	2	1	1	1
084427	PL.13051	C	Consumer	7.43Y	123.8	0.00	2.17	0.24	0	2	1	89	0.00	0.0	3.097	0.000	2	1	1	1
PL.4738	PL.8456	C	4ACSR	7.43Y	123.8	0.00	2.16	0.74	0	5	3	86	0.00	0.0	3.088	0.066	0	0	0	2
084407	PL.4738	C	Consumer	7.43Y	123.8	0.00	2.16	0.15	0	1	1	71	0.00	0.0	3.088	0.000	1	1	1	1
084424	PL.4738	C	Consumer	7.43Y	123.8	0.00	2.16	0.59	0	4	2	89	0.00	0.0	3.088	0.000	4	2	1	1
084409	PL.4738	C	Consumer	7.43Y	123.8	0.00	2.16	0.00	0	0	0	100	0.00	0.0	3.088	0.000	0	0	0	0
084423	PL.8441	C	Consumer	7.43Y	123.8	0.00	2.16	0.16	0	1	1	71	0.00	0.0	2.996	0.000	1	1	1	1
084419	PL.8441	C	Consumer	7.43Y	123.8	0.00	2.16	0.09	0	1	0	100	0.00	0.0	2.996	0.000	1	0	1	1
084436	PL.8441	C	Consumer	7.43Y	123.8	0.00	2.16	0.00	0	0	0	100	0.00	0.0	2.996	0.000	0	0	1	1
084418	PL.8441	C	Consumer	7.43Y	123.8	0.00	2.16	0.24	0	2	1	89	0.00	0.0	2.996	0.000	2	1	1	1
PL.8450	PL.13050	C	4ACSR	7.43Y	123.9	0.00	2.14	0.45	0	3	2	83	0.00	0.0	2.982	0.081	0	0	0	2
PL.8451	PL.8450	C	4ACSR	7.43Y	123.9	0.00	2.14	0.34	0	2	1	89	0.00	0.0	3.047	0.065	0	0	0	1
084426	PL.8451	C	Consumer	7.43Y	123.9	0.00	2.14	0.34	0	2	1	89	0.00	0.0	3.047	0.000	2	1	1	1
084429	PL.8450	C	Consumer	7.43Y	123.9	0.00	2.14	0.11	0	1	0	100	0.00	0.0	2.982	0.000	1	0	1	1
PL.33894	PL.13049	C	2ACSR	7.43Y	123.9	0.00	2.12	0.57	0	4	2	89	0.00	0.0	2.909	0.061	0	0	0	1
0844038	PL.33894	C	Consumer	7.43Y	123.9	0.00	2.12	0.57	0	4	2	89	0.00	0.0	2.909	0.000	4	2	1	1
PL.4741	PL.13049	C	4ACSR	7.43Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	2.943	0.095	0	0	0	0
084402	PL.4741	C	Consumer	7.43Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	2.943	0.000	0	0	0	0
083403	PL.18609	C	Consumer	7.44Y	123.9	0.00	2.08	0.19	0	1	1	71	0.00	0.0	2.712	0.000	1	1	1	1
083443	PL.18609	C	Consumer	7.44Y	123.9	0.00	2.08	0.58	0	4	2	89	0.00	0.0	2.712	0.000	4	2	1	1
PL.26400	PL.26399	C	4ACSR	7.44Y	124.0	0.00	2.02	0.18	0	1	1	71	0.00	0.0	2.633	0.020	0	0	0	1
PD.2043	PL.26400	C	fuse6AMP	7.44Y	124.0	0.00	2.02	0.18	3	1	1	71	0.00	0.0	2.633	0.000	0	0	0	1
PL.26401	PD.2043	C	4ACSR	7.44Y	124.0	0.00	2.02	0.18	0	1	1	71	0.00	0.0	2.702	0.069	0	0	0	1
083449	PL.26401	C	Consumer	7.44Y	124.0	0.00	2.02	0.18	0	1	1	71	0.00	0.0	2.702	0.000	1	1	1	1
083405	PL.26401	C	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	2.702	0.000	0	0	0	0
PL.4742	PL.14091	A	4ACSR	7.56Y	126.0	0.01	0.00	4.66	2	30	18	86	0.01	0.0	2.443	0.064	0	0	0	0
		B		7.50Y	124.9	0.01	1.06	4.70	2	30	18	85					0	0	0	0
		C		7.45Y	124.2	0.01	1.82	4.74	2	30	18	85					0	0	0	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.4744	PL.4742	A	1/0EPRJCN	7.56Y	126.0	0.00	0.00	4.66	2	30	18	86	0.00	0.0	2.490	0.047	0	0	0	0
		B		7.50Y	124.9	0.00	1.07	4.70	2	30	18	85					0	0	0	0
		C		7.45Y	124.2	0.00	1.82	4.73	2	30	18	85					0	0	0	0
083447	PL.4744	A	Consumer	7.56Y	126.0	0.00	0.00	4.68	0	30	19	84	0.00	0.0	2.490	0.000	30	19	0	0
		B		7.50Y	124.9	0.00	1.07	4.72	0	30	19	85					30	19	0	0
		C		7.45Y	124.2	0.00	1.82	4.75	0	30	19	85					30	19	0	0
083444	PL.4742	C	Consumer	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	2.443	0.000	0	0	0	0
083448	PL.4742	C	Consumer	7.45Y	124.2	0.00	1.82	0.01	0	0	0	100	0.00	0.0	2.443	0.000	0	0	1	1
PL.30337	PL.14091	A	4ACSR	7.56Y	126.0	0.00	-0.01	1.36	1	9	4	91	0.00	0.0	2.387	0.008	0	0	0	1
PD.3822	PL.30337	A	fuse6AMP	7.56Y	126.0	0.00	-0.01	1.36	23	9	4	91	0.00	0.0	2.387	0.000	0	0	0	1
PL.30338	PD.3822	A	4ACSR	7.56Y	126.0	0.00	-0.01	1.36	1	9	4	91	0.00	0.0	2.445	0.057	0	0	0	1
PL.4745	PL.30338	A	4ACSR	7.56Y	126.0	0.00	-0.00	1.36	1	9	4	91	0.00	0.0	2.506	0.062	0	0	0	1
083406	PL.4745	A	Consumer	7.56Y	126.0	0.00	-0.00	1.36	0	9	4	91	0.00	0.0	2.506	0.000	9	4	1	1
083446	PL.14090	A	Consumer	7.56Y	126.0	0.00	-0.02	0.12	0	1	0	100	0.00	0.0	2.282	0.000	1	0	1	1
		B		7.50Y	125.0	0.00	1.03	0.12	0	1	0	90					1	0	1	1
PL.26785	PL.6959	A	4ACSR	7.56Y	126.1	0.00	-0.06	0.17	0	1	1	71	0.00	0.0	1.516	0.007	0	0	0	1
PD.2443	PL.26785	A	fuse6AMP	7.56Y	126.1	0.00	-0.06	0.17	3	1	1	71	0.00	0.0	1.516	0.000	0	0	0	1
PL.26786	PD.2443	A	4ACSR	7.56Y	126.1	0.00	-0.06	0.17	0	1	1	71	0.00	0.0	1.553	0.037	0	0	0	1
521703	PL.26786	A	Consumer	7.56Y	126.1	0.00	-0.06	0.17	0	1	1	71	0.00	0.0	1.553	0.000	1	1	1	1
521803	PL.17950	B	Consumer	7.52Y	125.3	0.00	0.73	0.10	0	1	0	100	0.00	0.0	1.243	0.000	1	0	1	1
521910	PL.6961	A	Consumer	7.57Y	126.1	0.00	-0.09	0.16	0	1	1	71	0.00	0.0	1.134	0.000	1	1	1	1
521904	PL.6961	C	Consumer	7.53Y	125.5	0.00	0.48	0.10	0	1	0	100	0.00	0.0	1.134	0.000	1	0	1	1
521909	PL.6961	C	Consumer	7.53Y	125.5	0.00	0.48	0.62	0	4	2	89	0.00	0.0	1.134	0.000	4	2	1	1
521912	PL.6964	C	Consumer	7.53Y	125.5	0.00	0.46	0.05	0	0	0	100	0.00	0.0	1.087	0.000	0	0	1	1
521911	PL.6964	B	Consumer	7.52Y	125.3	0.00	0.66	0.02	0	0	0	100	0.00	0.0	1.087	0.000	0	0	1	1
521906	PL.6964	B	Consumer	7.52Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	1.087	0.000	0	0	0	0
521907	PL.6964	C	Consumer	7.53Y	125.5	0.00	0.46	0.52	0	4	2	89	0.00	0.0	1.087	0.000	4	2	1	1
5219014	PL.6964	B	Consumer	7.52Y	125.3	0.00	0.66	0.88	0	6	3	89	0.00	0.0	1.087	0.000	6	3	1	1
PL.26778	PL.7223	C	4ACSR	7.53Y	125.6	0.00	0.43	0.53	0	3	2	83	0.00	0.0	1.035	0.011	0	0	0	4
PD.2435	PL.26778	C	fuse6AMP	7.53Y	125.6	0.00	0.43	0.53	9	3	2	83	0.00	0.0	1.035	0.000	0	0	0	4
PL.26779	PD.2435	C	4ACSR	7.53Y	125.6	0.00	0.43	0.53	0	3	2	83	0.00	0.0	1.097	0.063	0	0	0	4
PL.6962	PL.26779	C	4ACSR	7.53Y	125.6	0.00	0.43	0.14	0	1	1	71	0.00	0.0	1.141	0.043	0	0	0	1
PL.6963	PL.6962	C	4ACSR	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	1.159	0.018	0	0	0	0
522905	PL.6962	C	Consumer	7.53Y	125.6	0.00	0.43	0.14	0	1	1	71	0.00	0.0	1.141	0.000	1	1	1	1
522901	PL.26779	C	Consumer	7.53Y	125.6	0.00	0.43	0.06	0	0	0	100	0.00	0.0	1.097	0.000	0	0	1	1
522904	PL.26779	C	Consumer	7.53Y	125.6	0.00	0.43	0.33	0	2	1	89	0.00	0.0	1.097	0.000	2	1	1	1
522902	PL.26779	C	Consumer	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	1.097	0.000	0	0	1	1
523002	PL.7223	B	Consumer	7.52Y	125.4	0.00	0.63	0.01	0	0	0	100	0.00	0.0	1.023	0.000	0	0	1	1
522911	PL.7223	C	Consumer	7.53Y	125.6	0.00	0.43	0.21	0	1	1	71	0.00	0.0	1.023	0.000	1	1	1	1
524002	PL.6954	B	Consumer	7.52Y	125.4	0.00	0.60	0.11	0	1	0	100	0.00	0.0	0.974	0.000	1	0	1	1
524001	PL.6954	B	Consumer	7.52Y	125.4	0.00	0.60	0.01	0	0	0	100	0.00	0.0	0.974	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR			
523901	PL.6954	B	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.974	0.000	0	0	0	0	
523001	PL.6954	C	Consumer	7.54Y	125.6	0.00	0.41	0.52	0	3	2	83	0.00	0.0	0.974	0.000	3	2	1	1	
PL.26776	PL.19155	B	4ACSR	7.53Y	125.5	0.00	0.55	1.23	1	8	5	85	0.00	0.0	0.897	0.015	0	0	0	2	
PD.2437	PL.26776	B	fuse6AMP	7.53Y	125.5	0.00	0.55	1.23	21	8	5	85	0.00	0.0	0.897	0.000	0	0	0	2	
PL.26777	PD.2437	B	4ACSR	7.53Y	125.4	0.00	0.55	1.23	1	8	5	85	0.00	0.0	0.964	0.067	0	0	0	2	
524003	PL.26777	B	Consumer	7.53Y	125.4	0.00	0.55	0.00	0	0	0	100	0.00	0.0	0.964	0.000	0	0	1	1	
523905	PL.26777	B	Consumer	7.53Y	125.4	0.00	0.55	1.23	0	8	5	85	0.00	0.0	0.964	0.000	8	5	1	1	
524005	PL.19155	A	Consumer	7.56Y	126.1	0.00	-0.07	0.58	0	4	2	89	0.00	0.0	0.882	0.000	4	2	1	1	
PL.26774	PL.7222	B	4ACSR	7.53Y	125.5	0.00	0.47	0.69	0	5	3	86	0.00	0.0	0.773	0.013	0	0	0	2	
PD.2436	PL.26774	B	fuse6AMP	7.53Y	125.5	0.00	0.47	0.69	12	5	3	86	0.00	0.0	0.773	0.000	0	0	0	2	
PL.26775	PD.2436	B	4ACSR	7.53Y	125.5	0.00	0.48	0.69	0	5	3	86	0.00	0.0	0.815	0.042	0	0	0	2	
525903	PL.26775	B	Consumer	7.53Y	125.5	0.00	0.48	0.39	0	3	1	95	0.00	0.0	0.815	0.000	3	1	1	1	
525904	PL.26775	B	Consumer	7.53Y	125.5	0.00	0.48	0.30	0	2	1	89	0.00	0.0	0.815	0.000	2	1	1	1	
525901	PL.26775	B	Consumer	7.53Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	0.815	0.000	0	0	0	0	
525001	PL.7222	B	Consumer	7.53Y	125.5	0.00	0.47	0.70	0	5	3	86	0.00	0.0	0.759	0.000	5	3	1	1	
527901	PL.19445	B	Consumer	7.54Y	125.6	0.00	0.36	0.29	0	2	1	89	0.00	0.0	0.569	0.000	2	1	1	1	
526901	PL.19445	B	Consumer	7.54Y	125.6	0.00	0.36	0.15	0	1	1	71	0.00	0.0	0.569	0.000	1	1	1	1	
527003	PL.19445	B	Consumer	7.54Y	125.6	0.00	0.36	0.24	0	2	1	89	0.00	0.0	0.569	0.000	2	1	1	1	
528901	PL.7221	C	Consumer	7.55Y	125.8	0.00	0.20	0.71	0	5	3	86	0.00	0.0	0.481	0.000	5	3	1	1	
PL.26738	PL.14081	A	4ACSR	7.56Y	126.0	0.00	-0.03	1.09	1	7	4	87	0.00	0.0	0.413	0.011	0	0	0	2	
PD.2438	PL.26738	A	fuse6AMP	7.56Y	126.0	0.00	-0.03	1.09	19	7	4	87	0.00	0.0	0.413	0.000	0	0	0	2	
PL.26739	PD.2438	A	4ACSR	7.56Y	126.0	0.00	-0.03	1.09	1	7	4	87	0.00	0.0	0.452	0.039	0	0	0	2	
PL.3502	PL.26739	A	4ACSR	7.56Y	126.0	0.00	-0.03	0.00	0	0	0	100	0.00	0.0	0.479	0.027	0	0	0	0	
529901	PL.3502	A	Consumer	7.56Y	126.0	0.00	-0.03	0.00	0	0	0	100	0.00	0.0	0.479	0.000	0	0	0	0	
528903	PL.26739	A	Consumer	7.56Y	126.0	0.00	-0.03	0.68	0	4	3	80	0.00	0.0	0.452	0.000	4	3	1	1	
528906	PL.26739	A	Consumer	7.56Y	126.0	0.00	-0.03	0.42	0	3	2	83	0.00	0.0	0.452	0.000	3	2	1	1	
529004	PL.14081	B	Consumer	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	0.402	0.000	0	0	1	1	
529003	PL.14081	B	Consumer	7.54Y	125.7	0.00	0.26	0.11	0	1	0	100	0.00	0.0	0.402	0.000	1	0	1	1	
529001	PL.14081	B	Consumer	7.54Y	125.7	0.00	0.26	0.16	0	1	1	71	0.00	0.0	0.402	0.000	1	1	1	1	
PL.17913	BOWEN	A	397ACSR	7.56Y	126.0	0.01	0.01	79.20	10	589	-109	-98	0.12	0.0	0.033	0.033	0	0	0	77	
		B		7.56Y	126.0	-0.01	-0.01	65.49	8	460	-182	-93					0	0	0	3	
		C		7.56Y	126.0	0.00	0.00	65.25	8	458	-183	-93					0	0	0	3	
PD.739-A	PL.17913	A	Closed	7.56Y	126.0	0.00	0.01	79.20	0	589	-109	-98	0.00	0.0	0.033	0.000	0	0	0	77	
		B		7.56Y	126.0	0.00	-0.01	65.49	0	460	-182	-93					0	0	0	3	
		C		7.56Y	126.0	0.00	0.00	65.25	0	458	-183	-93					0	0	0	3	
PD.739-B	PD.739-A	A	Closed	7.56Y	126.0	0.00	0.01	79.20	0	589	-109	-98	0.00	0.0	0.033	0.000	0	0	0	77	
		B		7.56Y	126.0	0.00	-0.01	65.49	0	460	-182	-93					0	0	0	3	
		C		7.56Y	126.0	0.00	0.00	65.25	0	458	-183	-93					0	0	0	3	
PL.29138	PD.739-B	A	397ACSR	7.56Y	126.0	0.00	0.01	79.20	10	589	-109	-98	0.03	0.0	0.042	0.009	0	0	0	77	
		B		7.56Y	126.0	-0.00	-0.01	65.49	8	460	-182	-93					0	0	0	3	
		C		7.56Y	126.0	0.00	0.00	65.25	8	458	-183	-93					0	0	0	3	

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 2 (BOWEN2) beginning with Device PD.3931.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR			
084554	PL.19876	A	Consumer	7.54Y	125.6	0.00	0.39	0.00	0	0	0	100	0.00	0.0	0.481	0.000	0	0	0	0	
PL.19844	PL.19876	A	1/0ACSR	7.54Y	125.6	0.00	0.40	8.27	3	62	8	99	0.00	0.0	0.495	0.013	0	0	0	1	
		B		7.55Y	125.9	0.00	0.14	8.25	3	62	8	99					0	0	0	1	
		C		7.55Y	125.8	0.00	0.22	8.26	3	62	8	99					0	0	0	1	
PD.743	PL.19844	A	fuse15AMP	7.54Y	125.6	0.00	0.40	8.27	55	62	8	99	0.00	0.0	0.495	0.000	0	0	0	1	
		B		7.55Y	125.9	0.00	0.14	8.25	55	62	8	99					0	0	0	1	
		C		7.55Y	125.8	0.00	0.22	8.26	55	62	8	99					0	0	0	1	
PL.19845	PD.743	A	1/0ACSR	7.54Y	125.6	0.01	0.40	8.27	3	62	8	99	0.01	0.0	0.543	0.048	0	0	0	1	
		B		7.55Y	125.9	0.01	0.15	8.25	3	62	8	99					0	0	0	1	
		C		7.55Y	125.8	0.01	0.23	8.26	3	62	8	99					0	0	0	1	
PL.24561	PL.19845	A	1/0ACSR	7.54Y	125.6	0.01	0.41	7.53	2	56	6	99	0.01	0.0	0.620	0.077	0	0	0	0	
		B		7.55Y	125.8	0.01	0.16	7.51	2	56	6	99					0	0	0	0	
		C		7.55Y	125.8	0.01	0.24	7.52	2	56	6	99					0	0	0	0	
PL.24562	PL.24561	A	1/0ACSR	7.53Y	125.6	0.01	0.43	7.53	2	56	6	99	0.02	0.0	0.741	0.122	0	0	0	0	
		B		7.55Y	125.8	0.01	0.17	7.51	2	56	6	99					0	0	0	0	
		C		7.54Y	125.7	0.01	0.25	7.52	2	56	6	99					0	0	0	0	
PL.36764	PL.24562	A	1/0ACSR	7.53Y	125.6	0.01	0.44	7.53	2	56	6	99	0.02	0.0	0.851	0.110	0	0	0	0	
		B		7.55Y	125.8	0.01	0.18	7.51	2	56	6	99					0	0	0	0	
		C		7.54Y	125.7	0.01	0.27	7.52	2	56	6	99					0	0	0	0	
PL.36765	PL.36764	A	1/0EPRJCN	7.53Y	125.6	0.00	0.44	7.53	4	56	6	99	0.00	0.0	0.877	0.026	0	0	0	0	
		B		7.55Y	125.8	0.00	0.19	7.51	4	56	6	99					0	0	0	0	
		C		7.54Y	125.7	0.00	0.27	7.52	4	56	6	99					0	0	0	0	
084411	PL.36765	A	Consumer	7.53Y	125.6	0.00	0.44	7.53	0	56	6	99	0.00	0.0	0.877	0.000	56	6	0	0	
		B		7.55Y	125.8	0.00	0.19	7.52	0	56	6	99					56	6	0	0	
		C		7.54Y	125.7	0.00	0.27	7.52	0	56	6	99					56	6	0	0	
PL.4736	PL.19845	A	1/0ACSR	7.54Y	125.6	0.00	0.40	0.77	0	5	2	93	0.00	0.0	0.556	0.013	0	0	0	0	
		B		7.55Y	125.9	0.00	0.15	0.77	0	5	2	92					0	0	0	0	
		C		7.55Y	125.8	0.00	0.23	0.77	0	5	2	92					0	0	0	0	
PL.24560	PL.4736	A	1/0ACSR	7.54Y	125.6	0.00	0.40	0.77	0	5	2	93	0.00	0.0	0.590	0.033	0	0	0	0	
		B		7.55Y	125.9	0.00	0.15	0.77	0	5	2	92					0	0	0	0	
		C		7.55Y	125.8	0.00	0.23	0.77	0	5	2	92					0	0	0	0	
084539	PL.24560	A	Consumer	7.54Y	125.6	0.00	0.40	0.77	0	5	2	93	0.00	0.0	0.590	0.000	5	2	0	0	
		B		7.55Y	125.9	0.00	0.15	0.77	0	5	2	92					5	2	0	0	
		C		7.55Y	125.8	0.00	0.23	0.77	0	5	2	92					5	2	0	0	
PL.14384	PL.19876	A	1/0ACSR	7.53Y	125.6	0.05	0.44	51.71	16	381	82	98	0.20	0.0	0.527	0.045	0	0	0	72	
		B		7.55Y	125.8	0.02	0.16	35.46	11	267	17	100					0	0	0	1	
		C		7.55Y	125.8	0.03	0.25	35.48	11	267	17	100					0	0	0	1	
PL.17265	PL.14384	A	4ACSR	7.53Y	125.6	0.00	0.44	1.11	1	8	4	89	0.00	0.0	0.536	0.010	0	0	0	1	
		B		7.55Y	125.8	0.00	0.16	1.11	1	8	4	90					0	0	0	1	
		C		7.55Y	125.8	0.00	0.25	1.11	1	8	4	90					0	0	0	1	
PD.2039	PL.17265	A	fuse15AMP	7.53Y	125.6	0.00	0.44	1.11	7	8	4	89	0.00	0.0	0.536	0.000	0	0	0	1	
		B		7.55Y	125.8	0.00	0.16	1.11	7	8	4	90					0	0	0	1	
		C		7.55Y	125.8	0.00	0.25	1.11	7	8	4	90					0	0	0	1	
PL.17266	PD.2039	A	1/0ACSR	7.53Y	125.6	0.00	0.44	1.11	0	8	4	89	0.00	0.0	0.572	0.036	0	0	0	1	
		B		7.55Y	125.8	0.00	0.16	1.11	0	8	4	90					0	0	0	1	
		C		7.55Y	125.8	0.00	0.25	1.11	0	8	4	90					0	0	0	1	
PL.24558	PL.17266	A	1/0ACSR	7.53Y	125.6	0.00	0.44	1.04	0	7	3	92	0.00	0.0	0.636	0.064	0	0	0	0	
		B		7.55Y	125.8	0.00	0.16	1.04	0	7	3	90					0	0	0	0	
		C		7.54Y	125.7	0.00	0.25	1.04	0	7	3	90					0	0	0	0	
084560	PL.24558	A	Consumer	7.53Y	125.6	0.00	0.44	1.04	0	7	3	92	0.00	0.0	0.636	0.000	7	3	0	0	
		B		7.55Y	125.8	0.00	0.16	1.04	0	7	3	90					7	3	0	0	
		C		7.54Y	125.7	0.00	0.25	1.04	0	7	3	90					7	3	0	0	
PL.14385	PL.17266	A	1/0ACSR	7.53Y	125.6	0.00	0.44	0.07	0	0	0	100	0.00	0.0	0.596	0.024	0	0	0	0	
		B		7.55Y	125.8	0.00	0.16	0.07	0	0	0	85					0	0	0	0	
		C		7.55Y	125.8	0.00	0.25	0.07	0	0	0	85					0	0	0	0	

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
084543	PL.14385	A	Consumer	7.53Y	125.6	0.00	0.44	0.07	0	0	0	100	0.00	0.0	0.596	0.000	0	0	0	0		
		B		7.55Y	125.8	0.00	0.16	0.07	0	0	0	85					0	0	0	0		
		C		7.55Y	125.8	0.00	0.25	0.07	0	0	0	85					0	0	0	0		
PL.18530	PL.14384	A	1/0ACSR	7.53Y	125.5	0.06	0.49	50.63	15	373	78	98	0.24	0.0	0.582	0.056	0	0	0	71		
		B		7.55Y	125.8	0.02	0.18	34.43	10	260	13	100					0	0	0	0		
		C		7.54Y	125.7	0.03	0.28	34.46	10	260	13	100					0	0	0	0		
C PD.2041 C C	PL.18530	A	fuse6AMP	7.53Y	125.5	0.00	0.49	50.63	865	373	78	98	0.00	0.0	0.582	0.000	0	0	0	71 C		
		B		7.55Y	125.8	0.00	0.18	34.43	588	260	13	100					0	0	0	0 C		
		C		7.54Y	125.7	0.00	0.28	34.46	589	260	13	100					0	0	0	0 C		
PL.18736	PD.2041	A	1/0ACSR	7.53Y	125.5	0.01	0.50	50.63	15	373	78	98	0.03	0.0	0.589	0.007	0	0	0	71		
		B		7.55Y	125.8	0.00	0.18	34.43	10	260	13	100					0	0	0	0		
		C		7.54Y	125.7	0.00	0.28	34.46	10	260	13	100					0	0	0	0		
PL.8437	PL.18736	A	4ACSR	7.53Y	125.4	0.08	0.58	17.36	9	114	65	87	0.07	0.1	0.684	0.095	0	0	0	71		
PL.26736	PL.8437	A	4ACSR	7.53Y	125.4	0.00	0.58	0.19	0	1	1	71	0.00	0.0	0.701	0.017	0	0	0	1		
PD.2042	PL.26736	A	fuse6AMP	7.53Y	125.4	0.00	0.58	0.19	3	1	1	71	0.00	0.0	0.701	0.000	0	0	0	1		
PL.26737	PD.2042	A	4ACSR	7.53Y	125.4	0.00	0.58	0.19	0	1	1	71	0.00	0.0	0.767	0.066	0	0	0	1		
084527	PL.26737	A	Consumer	7.53Y	125.4	0.00	0.58	0.19	0	1	1	71	0.00	0.0	0.767	0.000	1	1	1	1		
0845064	PL.26737	A	Consumer	7.53Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	0.767	0.000	0	0	0	0		
PL.20725	PL.8437	A	4ACSR	7.52Y	125.4	0.01	0.59	16.52	9	108	62	87	0.01	0.0	0.695	0.011	0	0	0	69		
PD.3655	PL.20725	A	0VXE	7.52Y	125.4	0.00	0.59	16.52	0	108	62	87	0.00	0.0	0.695	0.000	0	0	0	69		
PL.20726	PD.3655	A	4ACSR	7.52Y	125.4	0.06	0.64	16.52	9	108	62	87	0.05	0.0	0.771	0.076	0	0	0	69		
PL.39606	PL.20726	A	4ACSR	7.51Y	125.2	0.20	0.84	15.78	8	103	59	87	0.16	0.2	1.043	0.272	0	0	0	68		
0845063	PL.39606	A	Consumer	7.51Y	125.2	0.00	0.84	0.37	0	2	1	89	0.00	0.0	1.043	0.000	2	1	1	1		
PL.39607	PL.39606	A	4ACSR	7.50Y	125.0	0.16	1.01	15.41	8	100	58	87	0.13	0.1	1.272	0.229	0	0	0	67		
PL.20142	PL.39607	A	4ACSR	7.50Y	125.0	0.04	1.05	15.11	8	98	56	87	0.03	0.0	1.324	0.052	0	0	0	65		
PL.20143	PL.20142	A	4ACSR	7.49Y	124.9	0.07	1.12	14.64	8	95	55	87	0.05	0.1	1.428	0.104	0	0	0	64		
084559	PL.20143	A	Consumer	7.49Y	124.9	0.00	1.12	0.71	0	5	3	86	0.00	0.0	1.428	0.000	5	3	1	1		
PL.8454	PL.20143	A	4ACSR	7.49Y	124.9	0.03	1.14	13.92	7	90	52	87	0.02	0.0	1.472	0.044	0	0	0	63		
PL.37974	PL.8454	A	4ACSR	7.49Y	124.9	0.00	1.15	13.92	7	90	52	87	0.00	0.0	1.479	0.007	0	0	0	63		
PL.37975	PL.37974	A	4ACSR	7.49Y	124.8	0.03	1.18	13.90	7	90	52	87	0.02	0.0	1.532	0.052	0	0	0	62		
PL.242	PL.37975	A	4ACSR	7.48Y	124.6	0.18	1.36	13.90	7	90	52	87	0.13	0.1	1.805	0.273	0	0	0	62		
085512	PL.242	A	Consumer	7.48Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	1.805	0.000	0	0	0	0		
085503	PL.242	A	Consumer	7.48Y	124.6	0.00	1.36	0.11	0	1	0	100	0.00	0.0	1.805	0.000	1	0	1	1		
PL.8472	PL.242	A	4ACSR	7.47Y	124.5	0.10	1.46	13.79	7	89	51	87	0.07	0.1	1.955	0.150	0	0	0	61		
PL.19413	PL.8472	A	4ACSR	7.47Y	124.5	0.01	1.47	13.61	7	88	51	87	0.01	0.0	1.974	0.019	0	0	0	60		
PL.19414	PL.19413	A	4ACSR	7.47Y	124.5	0.05	1.52	13.61	7	88	51	87	0.04	0.0	2.058	0.084	0	0	0	60		
PL.26701	PL.19414	A	4ACSR	7.47Y	124.4	0.05	1.57	13.60	7	88	51	87	0.03	0.0	2.130	0.072	0	0	0	59		
PD.760-A	PL.26701	A	Closed	7.47Y	124.4	0.00	1.57	13.60	0	88	50	87	0.00	0.0	2.130	0.000	0	0	0	59		
PD.760-B	PD.760-A	A	Closed	7.47Y	124.4	0.00	1.57	13.60	0	88	50	87	0.00	0.0	2.130	0.000	0	0	0	59		
PL.43352	PD.760-B	A	4ACSR	7.44Y	124.1	0.36	1.93	13.60	7	88	50	87	0.25	0.3	2.701	0.572	0	0	0	59		
0865036	PL.43352	A	Consumer	7.44Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	2.701	0.000	0	0	0	0		
PL.43353	PL.43352	A	4ACSR	7.44Y	124.0	0.03	1.96	13.60	7	88	50	87	0.02	0.0	2.753	0.052	0	0	0	59		

Unbalanced Voltage Drop Report
Source: BOWEN

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

10/22/2007 09:26 Page 116

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
C PD.2278	PL.43353	A	fuse6AMP	7.44Y	124.0	0.00	1.96	13.60	232	88	50	87	0.00	0.0	2.753	0.000	0	0	0	59 C
PL.19850	PD.2278	A	4ACSR	7.44Y	124.0	0.00	1.97	0.21	0	1	1	71	0.00	0.0	3.231	0.477	0	0	0	2
PL.19851	PL.19850	A	4ACSR	7.44Y	124.0	-0.00	1.97	0.00	0	0	0	100	0.00	0.0	3.281	0.050	0	0	0	1
PL.25300	PL.19851	A	4ACSR	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	3.645	0.364	0	0	0	1
086516	PL.25300	A	Consumer	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	3.645	0.000	0	0	1	1
086515	PL.19850	A	Consumer	7.44Y	124.0	0.00	1.97	0.21	0	1	1	71	0.00	0.0	3.231	0.000	1	1	1	1
PL.25038	PD.2278	A	4ACSR	7.44Y	124.0	0.06	2.02	13.39	7	86	50	86	0.04	0.0	2.852	0.098	0	0	0	57
PL.24571	PL.25038	A	4ACSR	7.44Y	124.0	0.00	2.02	0.39	0	3	1	95	0.00	0.0	2.909	0.057	0	0	0	1
0864021	PL.24571	A	Consumer	7.44Y	124.0	0.00	2.02	0.39	0	3	1	95	0.00	0.0	2.909	0.000	3	1	1	1
PL.8470	PL.25038	A	4ACSR	7.43Y	123.9	0.12	2.14	13.00	7	84	48	87	0.08	0.1	3.048	0.197	0	0	0	56
PL.8471	PL.8470	A	4ACSR	7.43Y	123.8	0.03	2.17	13.00	7	84	48	87	0.02	0.0	3.091	0.042	0	0	0	56
PL.42309	PL.8471	A	4ACSR	7.43Y	123.8	0.00	2.17	0.67	0	4	3	80	0.00	0.0	3.132	0.041	0	0	0	6
PL.42308	PL.42309	A	2ACSR	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.203	0.071	0	0	0	0
0854018	PL.42308	A	Consumer	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.203	0.000	0	0	0	0
PL.42310	PL.42309	A	4ACSR	7.43Y	123.8	0.01	2.18	0.67	0	4	3	80	0.00	0.0	3.530	0.398	0	0	0	6
PL.14067	PL.42310	A	4ACSR	7.43Y	123.8	0.00	2.18	0.34	0	2	1	89	0.00	0.0	3.692	0.161	0	0	0	2
085402	PL.14067	A	Consumer	7.43Y	123.8	0.00	2.18	0.04	0	0	0	100	0.00	0.0	3.692	0.000	0	0	1	1
085407	PL.14067	A	Consumer	7.43Y	123.8	0.00	2.18	0.30	0	2	1	89	0.00	0.0	3.692	0.000	2	1	1	1
PL.8474	PL.42310	A	4ACSR	7.43Y	123.8	0.00	2.18	0.33	0	2	1	89	0.00	0.0	3.618	0.088	0	0	0	4
085408	PL.8474	A	Consumer	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	3.618	0.000	0	0	1	1
PL.8475	PL.8474	A	4ACSR	7.43Y	123.8	0.00	2.18	0.33	0	2	1	89	0.00	0.0	3.679	0.061	0	0	0	3
PL.5275	PL.8475	A	4ACSR	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	3.731	0.052	0	0	0	1
PL.5276	PL.5275	A	4ACSR	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	3.789	0.058	0	0	0	1
085513	PL.5276	A	Consumer	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	3.789	0.000	0	0	1	1
085406	PL.8475	A	Consumer	7.43Y	123.8	0.00	2.18	0.03	0	0	0	100	0.00	0.0	3.679	0.000	0	0	1	1
085404	PL.8475	A	Consumer	7.43Y	123.8	0.00	2.18	0.30	0	2	1	89	0.00	0.0	3.679	0.000	2	1	1	1
PL.15608	PL.8471	A	4ACSR	7.42Y	123.7	0.11	2.27	12.21	6	79	45	87	0.07	0.1	3.278	0.187	0	0	0	48
PD.2482-A	PL.15608	A	Closed	7.42Y	123.7	0.00	2.27	12.21	0	79	45	87	0.00	0.0	3.278	0.000	0	0	0	48
PD.2482-B	PD.2482-A	A	Closed	7.42Y	123.7	0.00	2.27	12.21	0	79	45	87	0.00	0.0	3.278	0.000	0	0	0	48
PL.32767	PD.2482-B	A	4ACSR	7.41Y	123.5	0.21	2.49	12.21	6	79	45	87	0.13	0.2	3.653	0.375	0	0	0	48
PL.32770	PL.32767	A	4ACSR	7.41Y	123.5	0.02	2.51	0.88	0	6	3	89	0.00	0.0	4.144	0.491	0	0	0	7
PL.32769	PL.32770	A	4ACSR	7.41Y	123.5	0.00	2.51	0.13	0	1	0	100	0.00	0.0	4.234	0.091	0	0	0	1
0854010	PL.32769	A	Consumer	7.41Y	123.5	0.00	2.51	0.13	0	1	0	100	0.00	0.0	4.234	0.000	1	0	1	1
PL.32773	PL.32770	A	4ACSR	7.41Y	123.5	0.02	2.52	0.75	0	5	3	86	0.00	0.0	4.629	0.486	0	0	0	6
PL.32776	PL.32773	A	4ACSR	7.41Y	123.5	0.01	2.53	0.36	0	2	1	89	0.00	0.0	5.107	0.478	0	0	0	5
PL.32779	PL.32776	A	4ACSR	7.41Y	123.5	0.00	2.54	0.36	0	2	1	89	0.00	0.0	5.386	0.279	0	0	0	5
PL.32780	PL.32779	A	4ACSR	7.41Y	123.5	0.00	2.54	0.28	0	2	1	89	0.00	0.0	5.449	0.062	0	0	0	4
0854013	PL.32780	A	Consumer	7.41Y	123.5	0.00	2.54	0.03	0	0	0	100	0.00	0.0	5.449	0.000	0	0	1	1

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

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.32781	PL.32780	A	4ACSR	7.41Y	123.5	0.00	2.54	0.24	0	2	1	89	0.00	0.0	5.522	0.074	0	0	0	3
0854014	PL.32781	A	Consumer	7.41Y	123.5	0.00	2.54	0.05	0	0	0	100	0.00	0.0	5.522	0.000	0	0	1	1
PL.32782	PL.32781	A	4ACSR	7.41Y	123.5	0.00	2.54	0.19	0	1	1	71	0.00	0.0	5.583	0.061	0	0	0	2
0854015	PL.32782	A	Consumer	7.41Y	123.5	0.00	2.54	0.08	0	1	0	100	0.00	0.0	5.583	0.000	1	0	1	1
0854016	PL.32782	A	Consumer	7.41Y	123.5	0.00	2.54	0.11	0	1	0	100	0.00	0.0	5.583	0.000	1	0	1	1
0854009	PL.32779	A	Consumer	7.41Y	123.5	0.00	2.54	0.08	0	1	0	100	0.00	0.0	5.386	0.000	1	0	1	1
PL.32775	PL.32776	A	4ACSR	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	5.344	0.237	0	0	0	0
PL.32772	PL.32773	A	4ACSR	7.41Y	123.5	0.00	2.53	0.39	0	3	1	95	0.00	0.0	4.710	0.080	0	0	0	1
0854011	PL.32772	A	Consumer	7.41Y	123.5	0.00	2.53	0.39	0	3	1	95	0.00	0.0	4.710	0.000	3	1	1	1
PL.32768	PL.32767	A	4ACSR	7.40Y	123.3	0.21	2.70	11.34	6	73	42	87	0.12	0.2	4.049	0.396	0	0	0	41
PL.20938	PL.32768	A	4ACSR	7.40Y	123.3	0.01	2.70	11.34	6	73	42	87	0.00	0.0	4.063	0.014	0	0	0	41
PL.14729	PL.20938	A	4ACSR	7.40Y	123.3	0.00	2.70	11.34	6	73	42	87	0.00	0.0	4.065	0.002	0	0	0	41
PL.15604	PL.14729	A	4ACSR	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.072	0.006	0	0	0	0
PD.2484-A	PL.15604	A	Closed	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.072	0.000	0	0	0	0
PD.2484-B	PD.2484-A	A	Closed	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.072	0.000	0	0	0	0
PL.15605	PD.2484-B	A	4ACSR	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.736	0.664	0	0	0	0
PD.762-B	PL.15605	A	Open	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.736	0.000	0	0	0	0
PL.30846	PL.14729	A	4ACSR	7.40Y	123.3	0.01	2.71	11.34	6	73	42	87	0.00	0.0	4.077	0.012	0	0	0	41
PD.2483-A	PL.30846	A	Closed	7.40Y	123.3	0.00	2.71	11.34	0	73	42	87	0.00	0.0	4.077	0.000	0	0	0	41
PD.2483-B	PD.2483-A	A	Closed	7.40Y	123.3	0.00	2.71	11.34	0	73	42	87	0.00	0.0	4.077	0.000	0	0	0	41
PL.30845	PD.2483-B	A	4ACSR	7.40Y	123.3	0.02	2.73	11.34	6	73	42	87	0.01	0.0	4.111	0.034	0	0	0	41
PD.3462	PL.30845	A	50V4E	7.40Y	123.3	0.00	2.73	11.34	0	73	42	87	0.00	0.0	4.111	0.000	0	0	0	41
PL.18890	PD.3462	A	4ACSR	7.39Y	123.2	0.05	2.78	11.34	6	73	42	87	0.03	0.0	4.206	0.096	0	0	0	41
086421	PL.18890	A	Consumer	7.39Y	123.2	0.00	2.78	0.26	0	2	1	89	0.00	0.0	4.206	0.000	2	1	1	1
PL.13063	PL.18890	A	4ACSR	7.39Y	123.1	0.10	2.88	11.08	6	71	41	87	0.06	0.1	4.410	0.204	0	0	0	40
PL.35574	PL.13063	A	4ACSR	7.39Y	123.1	0.00	2.88	0.44	0	3	2	83	0.00	0.0	4.416	0.006	0	0	0	2
PD.5226	PL.35574	A	fuse6AMP	7.39Y	123.1	0.00	2.88	0.44	8	3	2	83	0.00	0.0	4.416	0.000	0	0	0	2
PL.35575	PD.5226	A	4ACSR	7.39Y	123.1	0.00	2.88	0.44	0	3	2	83	0.00	0.0	4.451	0.035	0	0	0	2
086419	PL.35575	A	Consumer	7.39Y	123.1	0.00	2.88	0.34	0	2	1	89	0.00	0.0	4.451	0.000	2	1	1	1
086420	PL.35575	A	Consumer	7.39Y	123.1	0.00	2.88	0.10	0	1	0	100	0.00	0.0	4.451	0.000	1	0	1	1
PL.13062	PL.13063	A	4ACSR	7.38Y	123.1	0.03	2.92	10.64	5	68	39	87	0.02	0.0	4.477	0.067	0	0	0	38
086418	PL.13062	A	Consumer	7.38Y	123.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	4.477	0.000	0	0	0	0
PL.8473	PL.13062	A	4ACSR	7.38Y	122.9	0.15	3.07	10.64	5	68	39	87	0.08	0.1	4.777	0.300	0	0	0	38
PL.241	PL.8473	A	4ACSR	7.37Y	122.8	0.08	3.15	10.64	5	68	39	87	0.05	0.1	4.948	0.171	0	0	0	38
PL.24565	PL.241	A	4ACSR	7.37Y	122.8	-0.00	3.15	0.00	0	0	0	100	0.00	0.0	5.014	0.066	0	0	0	1
086336	PL.24565	A	Consumer	7.37Y	122.8	0.00	3.15	0.00	0	0	0	100	0.00	0.0	5.014	0.000	0	0	1	1
PL.25032	PL.241	A	4ACSR	7.37Y	122.8	0.05	3.20	10.63	5	68	39	87	0.03	0.0	5.053	0.105	0	0	0	37
PL.25031	PL.25032	A	4ACSR	7.37Y	122.8	0.01	3.21	9.51	5	61	35	87	0.01	0.0	5.079	0.026	0	0	0	35

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
086328	PL.25031	A	Consumer	7.37Y	122.8	0.00	3.21	0.46	0	3	2	83	0.00	0.0	5.079	0.000	3	2	1	1
PL.13066	PL.25031	A	4ACSR	7.37Y	122.8	0.02	3.23	9.05	5	58	33	87	0.01	0.0	5.124	0.045	0	0	0	34
PL.13067	PL.13066	A	4ACSR	7.36Y	122.7	0.03	3.27	8.37	4	53	31	86	0.01	0.0	5.210	0.086	0	0	0	32
PL.13071	PL.13067	A	4ACSR	7.36Y	122.7	0.05	3.31	7.82	4	50	29	87	0.02	0.0	5.340	0.130	0	0	0	30
PL.13070	PL.13071	A	4ACSR	7.36Y	122.6	0.04	3.35	6.22	3	40	23	87	0.01	0.0	5.472	0.132	0	0	0	27
PL.25024	PL.13070	A	4ACSR	7.36Y	122.6	0.01	3.36	6.11	3	39	22	87	0.00	0.0	5.513	0.041	0	0	0	26
086326	PL.25024	A	Consumer	7.36Y	122.6	0.00	3.36	0.35	0	2	1	89	0.00	0.0	5.513	0.000	2	1	1	1
PL.13072	PL.25024	A	4ACSR	7.36Y	122.6	0.00	3.36	5.76	3	37	21	87	0.00	0.0	5.518	0.004	0	0	0	25
PL.16019	PL.13072	A	4ACSR	7.36Y	122.6	0.00	3.36	0.13	0	1	0	100	0.00	0.0	5.529	0.011	0	0	0	1
PD.2275	PL.16019	A	fuse6AMP	7.36Y	122.6	0.00	3.36	0.13	2	1	0	100	0.00	0.0	5.529	0.000	0	0	0	1
PL.16020	PD.2275	A	4ACSR	7.36Y	122.6	0.00	3.37	0.13	0	1	0	100	0.00	0.0	5.613	0.084	0	0	0	1
086325	PL.16020	A	Consumer	7.36Y	122.6	0.00	3.37	0.13	0	1	0	100	0.00	0.0	5.613	0.000	1	0	1	1
PL.13073	PL.13072	A	4ACSR	7.36Y	122.6	0.00	3.37	5.63	3	36	21	86	0.00	0.0	5.534	0.016	0	0	0	24
PL.16017	PL.13073	A	4ACSR	7.36Y	122.6	0.00	3.37	0.09	0	1	0	100	0.00	0.0	5.548	0.014	0	0	0	1
PD.2274	PL.16017	A	fuse6AMP	7.36Y	122.6	0.00	3.37	0.09	2	1	0	100	0.00	0.0	5.548	0.000	0	0	0	1
PL.16018	PD.2274	A	4ACSR	7.36Y	122.6	0.00	3.37	0.09	0	1	0	100	0.00	0.0	5.638	0.090	0	0	0	1
086308	PL.16018	A	Consumer	7.36Y	122.6	0.00	3.37	0.09	0	1	0	100	0.00	0.0	5.638	0.000	1	0	1	1
PL.20693	PL.13073	A	4ACSR	7.36Y	122.6	0.02	3.39	5.54	3	35	20	87	0.01	0.0	5.630	0.096	0	0	0	23
086301	PL.20693	A	Consumer	7.36Y	122.6	0.00	3.39	0.09	0	1	0	100	0.00	0.0	5.630	0.000	1	0	1	1
PL.20692	PL.20693	A	4ACSR	7.36Y	122.6	0.01	3.41	5.45	3	35	20	87	0.00	0.0	5.676	0.046	0	0	0	22
PL.13074	PL.20692	A	4ACSR	7.35Y	122.6	0.04	3.45	5.15	3	33	19	87	0.01	0.0	5.852	0.176	0	0	0	20
PL.25023	PL.13074	A	4ACSR	7.35Y	122.5	0.03	3.48	4.81	2	31	18	86	0.01	0.0	5.983	0.132	0	0	0	17
PL.25035	PL.25023	A	4ACSR	7.35Y	122.5	0.01	3.48	4.81	2	31	18	86	0.00	0.0	6.018	0.034	0	0	0	17
086337	PL.25035	A	Consumer	7.35Y	122.5	0.00	3.48	0.00	0	0	0	100	0.00	0.0	6.018	0.000	0	0	0	0
PL.16281	PL.25035	A	4ACSR	7.35Y	122.5	0.00	3.48	0.17	0	1	1	71	0.00	0.0	6.033	0.016	0	0	0	1
PD.2271	PL.16281	A	fuse6AMP	7.35Y	122.5	0.00	3.48	0.17	3	1	1	71	0.00	0.0	6.033	0.000	0	0	0	1
PL.16282	PD.2271	A	4ACSR	7.35Y	122.5	0.00	3.49	0.17	0	1	1	71	0.00	0.0	6.119	0.086	0	0	0	1
086323	PL.16282	A	Consumer	7.35Y	122.5	0.00	3.49	0.17	0	1	1	71	0.00	0.0	6.119	0.000	1	1	1	1
PL.14551	PL.25035	A	4ACSR	7.35Y	122.5	0.02	3.51	4.64	2	30	17	87	0.01	0.0	6.117	0.099	0	0	0	16
0863042	PL.14551	A	Consumer	7.35Y	122.5	0.00	3.51	0.34	0	2	1	89	0.00	0.0	6.117	0.000	2	1	1	1
PL.16279	PL.14551	A	4ACSR	7.35Y	122.5	0.00	3.51	1.39	1	9	5	87	0.00	0.0	6.129	0.013	0	0	0	2
PD.2270	PL.16279	A	fuse6AMP	7.35Y	122.5	0.00	3.51	1.39	24	9	5	87	0.00	0.0	6.129	0.000	0	0	0	2
PL.30325	PD.2270	A	4ACSR	7.35Y	122.5	0.00	3.51	1.39	1	9	5	87	0.00	0.0	6.144	0.014	0	0	0	2
PL.30324	PL.30325	A	4ACSR	7.35Y	122.5	0.00	3.51	0.60	0	4	2	89	0.00	0.0	6.201	0.057	0	0	0	1
0863043	PL.30324	A	Consumer	7.35Y	122.5	0.00	3.51	0.60	0	4	2	89	0.00	0.0	6.201	0.000	4	2	1	1
PL.30326	PL.30325	A	4ACSR	7.35Y	122.5	0.00	3.51	0.79	0	5	3	86	0.00	0.0	6.163	0.020	0	0	0	1
086314	PL.30326	A	Consumer	7.35Y	122.5	0.00	3.51	0.00	0	0	0	100	0.00	0.0	6.163	0.000	0	0	0	0
086327	PL.30326	A	Consumer	7.35Y	122.5	0.00	3.51	0.79	0	5	3	86	0.00	0.0	6.163	0.000	5	3	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.14550	PL.14551	A	4ACSR	7.35Y	122.5	0.00	3.51	2.91	2	19	11	87	0.00	0.0	6.117	0.000	0	0	0	13
PL.13075	PL.14550	A	4ACSR	7.35Y	122.5	0.01	3.51	2.91	2	19	11	87	0.00	0.0	6.174	0.058	0	0	0	13
PL.13078	PL.13075	A	4ACSR	7.35Y	122.5	0.00	3.52	0.95	0	6	3	89	0.00	0.0	6.242	0.068	0	0	0	2
PL.14094	PL.13078	A	4ACSR	7.35Y	122.5	0.00	3.52	0.67	0	4	2	89	0.00	0.0	6.262	0.019	0	0	0	1
PL.24566	PL.14094	A	4ACSR	7.35Y	122.5	0.00	3.52	0.67	0	4	2	89	0.00	0.0	6.299	0.038	0	0	0	1
086338	PL.24566	A	Consumer	7.35Y	122.5	0.00	3.52	0.67	0	4	2	89	0.00	0.0	6.299	0.000	4	2	1	1
PL.14095	PL.14094	A	4ACSR	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	6.279	0.017	0	0	0	0
086324	PL.14095	A	Consumer	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	6.279	0.000	0	0	0	0
PL.5263	PL.13078	A	4ACSR	7.35Y	122.5	0.00	3.52	0.28	0	2	1	89	0.00	0.0	6.282	0.040	0	0	0	1
086319	PL.5263	A	Consumer	7.35Y	122.5	0.00	3.52	0.28	0	2	1	89	0.00	0.0	6.282	0.000	2	1	1	1
PL.13077	PL.13075	A	4ACSR	7.35Y	122.5	0.00	3.52	1.96	1	13	7	88	0.00	0.0	6.191	0.017	0	0	0	11
PL.13076	PL.13077	A	4ACSR	7.35Y	122.5	0.01	3.52	1.41	1	9	5	87	0.00	0.0	6.281	0.090	0	0	0	8
086317	PL.13076	A	Consumer	7.35Y	122.5	0.00	3.52	0.29	0	2	1	89	0.00	0.0	6.281	0.000	2	1	1	1
086320	PL.13076	A	Consumer	7.35Y	122.5	0.00	3.52	0.02	0	0	0	100	0.00	0.0	6.281	0.000	0	0	1	1
PL.25026	PL.13076	A	4ACSR	7.35Y	122.5	0.00	3.52	1.10	1	7	4	87	0.00	0.0	6.320	0.038	0	0	0	6
PL.14097	PL.25026	A	4ACSR	7.35Y	122.5	0.00	3.53	0.84	0	5	3	86	0.00	0.0	6.400	0.080	0	0	0	5
PL.16273	PL.14097	A	4ACSR	7.35Y	122.5	0.00	3.53	0.41	0	3	1	95	0.00	0.0	6.414	0.014	0	0	0	1
PD.2267	PL.16273	A	fuse6AMP	7.35Y	122.5	0.00	3.53	0.41	7	3	1	95	0.00	0.0	6.414	0.000	0	0	0	1
PL.16274	PD.2267	A	4ACSR	7.35Y	122.5	0.00	3.53	0.41	0	3	1	95	0.00	0.0	6.442	0.028	0	0	0	1
086311	PL.16274	A	Consumer	7.35Y	122.5	0.00	3.53	0.41	0	3	1	95	0.00	0.0	6.442	0.000	3	1	1	1
PL.25025	PL.16274	A	4ACSR	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	6.520	0.078	0	0	0	0
PL.14096	PL.14097	A	4ACSR	7.35Y	122.5	0.00	3.53	0.44	0	3	2	83	0.00	0.0	6.487	0.087	0	0	0	4
PL.14098	PL.14096	A	4ACSR	7.35Y	122.5	0.00	3.53	0.16	0	1	1	71	0.00	0.0	6.583	0.096	0	0	0	2
PL.14099	PL.14098	A	4ACSR	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	6.742	0.159	0	0	0	1
PL.36774	PL.14099	A	4ACSR	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	6.794	0.052	0	0	0	0
PD.758-B	PL.36774	A	Open	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	6.794	0.000	0	0	0	0
PL.16267	PL.14099	A	4ACSR	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	6.754	0.012	0	0	0	1
PL.16268	PL.16267	A	4ACSR	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	6.860	0.106	0	0	0	1
085308	PL.16268	A	Consumer	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	6.860	0.000	0	0	1	1
PL.16269	PL.14098	A	4ACSR	7.35Y	122.5	0.00	3.53	0.16	0	1	1	71	0.00	0.0	6.594	0.011	0	0	0	1
PD.2264	PL.16269	A	fuse6AMP	7.35Y	122.5	0.00	3.53	0.16	3	1	1	71	0.00	0.0	6.594	0.000	0	0	0	1
PL.16270	PD.2264	A	4ACSR	7.35Y	122.5	0.00	3.53	0.16	0	1	1	71	0.00	0.0	6.672	0.078	0	0	0	1
085202	PL.16270	A	Consumer	7.35Y	122.5	0.00	3.53	0.16	0	1	1	71	0.00	0.0	6.672	0.000	1	1	1	1
PL.20591	PL.14096	A	4ACSR	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	6.503	0.016	0	0	0	0
PD.2265	PL.20591	A	fuse6AMP	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	6.503	0.000	0	0	0	0
PL.20592	PD.2265	A	4ACSR	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	6.580	0.078	0	0	0	0
085307	PL.20592	A	Consumer	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	6.580	0.000	0	0	0	0
085206	PL.14096	A	Consumer	7.35Y	122.5	0.00	3.53	0.11	0	1	0	100	0.00	0.0	6.487	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts					Thru KW	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	Thru KW										
PL.16271	PL.14096	A	4ACSR	7.35Y	122.5	0.00	3.53	0.17	0	1	1	71	0.00	0.0	6.511	0.024	0	0	0	1	
PD.2266	PL.16271	A	fuse6AMP	7.35Y	122.5	0.00	3.53	0.17	3	1	1	71	0.00	0.0	6.511	0.000	0	0	0	1	
PL.16272	PD.2266	A	4ACSR	7.35Y	122.5	0.00	3.53	0.17	0	1	1	71	0.00	0.0	6.532	0.021	0	0	0	1	
085204	PL.16272	A	Consumer	7.35Y	122.5	0.00	3.53	0.17	0	1	1	71	0.00	0.0	6.532	0.000	1	1	1	1	
086202	PL.25026	A	Consumer	7.35Y	122.5	0.00	3.52	0.25	0	2	1	89	0.00	0.0	6.320	0.000	2	1	1	1	
086339	PL.13077	A	Consumer	7.35Y	122.5	0.00	3.52	0.02	0	0	0	100	0.00	0.0	6.191	0.000	0	0	1	1	
PL.16277	PL.13077	A	4ACSR	7.35Y	122.5	0.00	3.52	0.54	0	3	2	83	0.00	0.0	6.209	0.018	0	0	0	2	
PD.2268	PL.16277	A	fuse6AMP	7.35Y	122.5	0.00	3.52	0.54	9	3	2	83	0.00	0.0	6.209	0.000	0	0	0	2	
PL.16278	PD.2268	A	4ACSR	7.35Y	122.5	0.00	3.52	0.54	0	3	2	83	0.00	0.0	6.296	0.087	0	0	0	2	
086322	PL.16278	A	Consumer	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	6.296	0.000	0	0	1	1	
086316	PL.16278	A	Consumer	7.35Y	122.5	0.00	3.52	0.54	0	3	2	83	0.00	0.0	6.296	0.000	3	2	1	1	
PL.16275	PL.13075	A	4ACSR	7.35Y	122.5	0.00	3.51	0.00	0	0	0	100	0.00	0.0	6.187	0.012	0	0	0	0	
PD.2269	PL.16275	A	fuse6AMP	7.35Y	122.5	0.00	3.51	0.00	0	0	0	100	0.00	0.0	6.187	0.000	0	0	0	0	
PL.16276	PD.2269	A	4ACSR	7.35Y	122.5	0.00	3.51	0.00	0	0	0	100	0.00	0.0	6.242	0.055	0	0	0	0	
086313	PL.14550	A	Consumer	7.35Y	122.5	0.00	3.51	0.00	0	0	0	100	0.00	0.0	6.117	0.000	0	0	0	0	
PL.16283	PL.13074	A	4ACSR	7.35Y	122.6	0.00	3.45	0.19	0	1	1	71	0.00	0.0	5.863	0.012	0	0	0	2	
PD.2272	PL.16283	A	fuse6AMP	7.35Y	122.6	0.00	3.45	0.19	3	1	1	71	0.00	0.0	5.863	0.000	0	0	0	2	
PL.16284	PD.2272	A	4ACSR	7.35Y	122.6	0.00	3.45	0.19	0	1	1	71	0.00	0.0	5.972	0.109	0	0	0	2	
086340	PL.16284	A	Consumer	7.35Y	122.6	0.00	3.45	0.01	0	0	0	100	0.00	0.0	5.972	0.000	0	0	1	1	
086309	PL.16284	A	Consumer	7.35Y	122.6	0.00	3.45	0.18	0	1	1	71	0.00	0.0	5.972	0.000	1	1	1	1	
086307	PL.13074	A	Consumer	7.35Y	122.6	0.00	3.45	0.14	0	1	1	71	0.00	0.0	5.852	0.000	1	1	1	1	
PL.16285	PL.20692	A	4ACSR	7.36Y	122.6	0.00	3.41	0.31	0	2	1	89	0.00	0.0	5.687	0.011	0	0	0	2	
PD.2273	PL.16285	A	fuse6AMP	7.36Y	122.6	0.00	3.41	0.31	5	2	1	89	0.00	0.0	5.687	0.000	0	0	0	2	
PL.16286	PD.2273	A	4ACSR	7.36Y	122.6	0.00	3.41	0.31	0	2	1	89	0.00	0.0	5.772	0.085	0	0	0	2	
086303	PL.16286	A	Consumer	7.36Y	122.6	0.00	3.41	0.31	0	2	1	89	0.00	0.0	5.772	0.000	2	1	1	1	
0863041	PL.16286	A	Consumer	7.36Y	122.6	0.00	3.41	0.00	0	0	0	100	0.00	0.0	5.772	0.000	0	0	1	1	
086310	PL.13070	A	Consumer	7.36Y	122.6	0.00	3.35	0.11	0	1	0	100	0.00	0.0	5.472	0.000	1	0	1	1	
PL.16021	PL.13071	A	4ACSR	7.36Y	122.7	0.00	3.31	0.49	0	3	2	83	0.00	0.0	5.358	0.018	0	0	0	1	
PD.2276	PL.16021	A	fuse6AMP	7.36Y	122.7	0.00	3.31	0.49	8	3	2	83	0.00	0.0	5.358	0.000	0	0	0	1	
PL.16022	PD.2276	A	4ACSR	7.36Y	122.7	0.00	3.32	0.49	0	3	2	83	0.00	0.0	5.424	0.065	0	0	0	1	
086332	PL.16022	A	Consumer	7.36Y	122.7	0.00	3.32	0.49	0	3	2	83	0.00	0.0	5.424	0.000	3	2	1	1	
PL.16023	PL.13071	A	4ACSR	7.36Y	122.7	0.00	3.31	1.01	1	6	4	83	0.00	0.0	5.358	0.018	0	0	0	1	
PD.2277	PL.16023	A	fuse6AMP	7.36Y	122.7	0.00	3.31	1.01	17	6	4	83	0.00	0.0	5.358	0.000	0	0	0	1	
PL.16024	PD.2277	A	4ACSR	7.36Y	122.7	0.00	3.32	1.01	1	6	4	83	0.00	0.0	5.392	0.034	0	0	0	1	
086329	PL.16024	A	Consumer	7.36Y	122.7	0.00	3.32	1.01	0	6	4	83	0.00	0.0	5.392	0.000	6	4	1	1	
086318	PL.13071	A	Consumer	7.36Y	122.7	0.00	3.31	0.10	0	1	0	100	0.00	0.0	5.340	0.000	1	0	1	1	
PL.13068	PL.13067	A	4ACSR	7.36Y	122.7	0.00	3.27	0.44	0	3	2	83	0.00	0.0	5.239	0.030	0	0	0	1	
086334	PL.13068	A	Consumer	7.36Y	122.7	0.00	3.27	0.44	0	3	2	83	0.00	0.0	5.239	0.000	3	2	1	1	

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.35572	PL.13067	A	4ACSR	7.36Y	122.7	0.00	3.27	0.11	0	1	0	100	0.00	0.0	5.214	0.004	0	0	0	1
PD.5225	PL.35572	A	fuse6AMP	7.36Y	122.7	0.00	3.27	0.11	2	1	0	100	0.00	0.0	5.214	0.000	0	0	0	1
PL.35573	PD.5225	A	4ACSR	7.36Y	122.7	0.00	3.27	0.11	0	1	0	100	0.00	0.0	5.242	0.029	0	0	0	1
086335	PL.35573	A	Consumer	7.36Y	122.7	0.00	3.27	0.11	0	1	0	100	0.00	0.0	5.242	0.000	1	0	1	1
PL.13064	PL.13066	A	4ACSR	7.37Y	122.8	0.00	3.23	0.68	0	4	2	89	0.00	0.0	5.200	0.077	0	0	0	2
PL.13065	PL.13064	A	4ACSR	7.37Y	122.8	0.00	3.24	0.20	0	1	1	71	0.00	0.0	5.365	0.165	0	0	0	1
086306	PL.13065	A	Consumer	7.37Y	122.8	0.00	3.24	0.20	0	1	1	71	0.00	0.0	5.365	0.000	1	1	1	1
PL.5274	PL.13064	A	4ACSR	7.37Y	122.8	0.00	3.24	0.48	0	3	2	83	0.00	0.0	5.271	0.071	0	0	0	1
086331	PL.5274	A	Consumer	7.37Y	122.8	0.00	3.24	0.48	0	3	2	83	0.00	0.0	5.271	0.000	3	2	1	1
086330	PL.25032	A	Consumer	7.37Y	122.8	0.00	3.20	1.03	0	7	4	87	0.00	0.0	5.053	0.000	7	4	1	1
PL.24564	PL.25032	A	4ACSR	7.37Y	122.8	0.00	3.20	0.09	0	1	0	100	0.00	0.0	5.087	0.034	0	0	0	1
086312	PL.24564	A	Consumer	7.37Y	122.8	0.00	3.20	0.09	0	1	0	100	0.00	0.0	5.087	0.000	1	0	1	1
PL.24572	PL.8471	A	4ACSR	7.43Y	123.8	0.00	2.17	0.11	0	1	0	100	0.00	0.0	3.277	0.187	0	0	0	2
085506	PL.24572	A	Consumer	7.43Y	123.8	0.00	2.17	0.11	0	1	0	100	0.00	0.0	3.277	0.000	1	0	1	1
PL.42307	PL.24572	A	2ACSR	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.320	0.043	0	0	0	1
0854017	PL.42307	A	Consumer	7.43Y	123.8	0.00	2.17	0.00	0	0	0	100	0.00	0.0	3.320	0.000	0	0	1	1
085403	PL.8470	A	Consumer	7.43Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	3.048	0.000	0	0	0	0
085504	PL.19414	A	Consumer	7.47Y	124.5	0.00	1.52	0.02	0	0	0	100	0.00	0.0	2.058	0.000	0	0	1	1
085510	PL.8472	A	Consumer	7.47Y	124.5	0.00	1.46	0.18	0	1	1	71	0.00	0.0	1.955	0.000	1	1	1	1
PL.37973	PL.37974	A	2ACSR	7.49Y	124.9	0.00	1.15	0.02	0	0	0	100	0.00	0.0	1.495	0.016	0	0	0	1
084525	PL.37973	A	Consumer	7.49Y	124.9	0.00	1.15	0.02	0	0	0	100	0.00	0.0	1.495	0.000	0	0	1	1
084542	PL.20142	A	Consumer	7.50Y	125.0	0.00	1.05	0.47	0	3	2	83	0.00	0.0	1.324	0.000	3	2	1	1
084537	PL.39607	A	Consumer	7.50Y	125.0	0.00	1.01	0.14	0	1	1	71	0.00	0.0	1.272	0.000	1	1	1	1
084558	PL.39607	A	Consumer	7.50Y	125.0	0.00	1.01	0.17	0	1	1	71	0.00	0.0	1.272	0.000	1	1	1	1
084561	PL.20726	A	Consumer	7.52Y	125.4	0.00	0.64	0.74	0	5	2	93	0.00	0.0	0.771	0.000	5	2	1	1
084549	PL.8437	A	Consumer	7.53Y	125.4	0.00	0.58	0.65	0	4	2	89	0.00	0.0	0.684	0.000	4	2	1	1
PL.26734	PL.18736	A	1/0ACSR	7.53Y	125.5	0.01	0.51	34.52	10	260	13	100	0.04	0.0	0.603	0.014	0	0	0	0
		B		7.55Y	125.8	0.01	0.19	34.43	10	260	13	100					0	0	0	0
		C		7.54Y	125.7	0.01	0.29	34.46	10	260	13	100					0	0	0	0
PD.746-A	PL.26734	A	Closed	7.53Y	125.5	0.00	0.51	34.52	0	260	13	100	0.00	0.0	0.603	0.000	0	0	0	0
		B		7.55Y	125.8	0.00	0.19	34.43	0	260	13	100					0	0	0	0
		C		7.54Y	125.7	0.00	0.29	34.46	0	260	13	100					0	0	0	0
PD.746-B	PD.746-A	A	Closed	7.53Y	125.5	0.00	0.51	34.52	0	260	13	100	0.00	0.0	0.603	0.000	0	0	0	0
		B		7.55Y	125.8	0.00	0.19	34.43	0	260	13	100					0	0	0	0
		C		7.54Y	125.7	0.00	0.29	34.46	0	260	13	100					0	0	0	0
PL.26735	PD.746-B	A	1/0ACSR	7.53Y	125.5	0.02	0.53	34.52	10	260	13	100	0.11	0.0	0.638	0.035	0	0	0	0
		B		7.55Y	125.8	0.02	0.20	34.43	10	260	13	100					0	0	0	0
		C		7.54Y	125.7	0.02	0.31	34.46	10	260	13	100					0	0	0	0
PL.24557	PL.26735	A	1/0ACSR	7.53Y	125.5	0.01	0.54	34.52	10	260	13	100	0.08	0.0	0.664	0.026	0	0	0	0
		B		7.55Y	125.8	0.01	0.22	34.43	10	260	13	100					0	0	0	0
		C		7.54Y	125.7	0.01	0.32	34.46	10	260	13	100					0	0	0	0
084514	PL.24557	A	Consumer	7.53Y	125.5	0.00	0.54	34.52	0	260	13	100	0.00	0.0	0.664	0.000	260	13	0	0
		B		7.55Y	125.8	0.00	0.22	34.43	0	260	13	100					260	13	0	0
		C		7.54Y	125.7	0.00	0.32	34.46	0	260	13	100					260	13	0	0

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 1 (BOWEN1) beginning with device PD.3930.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.14387	PL.14386	A	397ACSR	7.54Y	125.7	0.09	0.27	64.93	8	458	174	93	0.58	0.0	0.547	0.184	0	0	0	86
		B		7.54Y	125.7	0.10	0.31	71.58	9	503	198	93					0	0	0	136
		C		7.55Y	125.8	0.08	0.25	65.98	8	464	182	93					0	0	0	123
083532	PL.14387	B	Consumer	7.54Y	125.7	0.00	0.31	0.58	0	4	2	89	0.00	0.0	0.547	0.000	4	2	1	1
PL.14388	PL.14387	A	397ACSR	7.54Y	125.7	0.02	0.29	64.93	8	458	174	93	0.13	0.0	0.588	0.042	0	0	0	86
		B		7.54Y	125.7	0.02	0.33	71.01	9	499	195	93					0	0	0	135
		C		7.54Y	125.7	0.02	0.27	65.98	8	464	182	93					0	0	0	123
PL.14389	PL.14388	A	397ACSR	7.54Y	125.7	0.01	0.30	64.93	8	458	174	93	0.07	0.0	0.611	0.022	0	0	0	86
		B		7.54Y	125.7	0.01	0.34	69.95	9	492	191	93					0	0	0	133
		C		7.54Y	125.7	0.01	0.28	65.98	8	464	182	93					0	0	0	123
PL.8447	PL.14389	A	397ACSR	7.54Y	125.7	0.03	0.33	64.93	8	458	173	94	0.22	0.0	0.680	0.070	0	0	0	86
		B		7.54Y	125.6	0.04	0.38	69.95	9	492	191	93					0	0	0	133
		C		7.54Y	125.7	0.03	0.31	65.98	8	463	181	93					0	0	0	123
PL.27965	PL.8447	A	397ACSR	7.54Y	125.6	0.04	0.37	64.93	8	458	173	94	0.25	0.0	0.761	0.081	0	0	0	86
		B		7.53Y	125.6	0.04	0.42	69.45	9	488	189	93					0	0	0	132
		C		7.54Y	125.7	0.04	0.35	65.84	8	462	181	93					0	0	0	122
PL.27966	PL.27965	A	397ACSR	7.54Y	125.6	0.02	0.39	64.93	8	458	173	94	0.16	0.0	0.813	0.052	0	0	0	86
		B		7.53Y	125.5	0.03	0.45	68.96	8	485	187	93					0	0	0	131
		C		7.54Y	125.6	0.02	0.37	65.84	8	462	180	93					0	0	0	122
PL.8440	PL.27966	A	397ACSR	7.54Y	125.6	0.02	0.42	64.93	8	458	173	94	0.14	0.0	0.859	0.046	0	0	0	86
		B		7.53Y	125.5	0.02	0.48	68.96	8	485	187	93					0	0	0	131
		C		7.54Y	125.6	0.02	0.39	65.84	8	462	180	93					0	0	0	122
084562	PL.8440	A	Consumer	7.54Y	125.6	0.00	0.42	0.16	0	1	1	71	0.00	0.0	0.859	0.000	1	1	1	1
084509	PL.8440	A	Consumer	7.54Y	125.6	0.00	0.42	0.17	0	1	1	71	0.00	0.0	0.859	0.000	1	1	1	1
084557	PL.8440	A	Consumer	7.54Y	125.6	0.00	0.42	0.05	0	0	0	100	0.00	0.0	0.859	0.000	0	0	1	1
PL.26795	PL.8440	A	397ACSR	7.53Y	125.6	0.02	0.43	64.48	8	455	171	94	0.12	0.0	0.897	0.038	0	0	0	82
		B		7.53Y	125.5	0.02	0.50	68.96	8	485	186	93					0	0	0	131
		C		7.54Y	125.6	0.02	0.41	65.84	8	462	180	93					0	0	0	122
PL.26796	PL.26795	A	1/0EPRJCN	7.53Y	125.6	0.01	0.44	64.48	34	455	171	94	0.13	0.0	0.908	0.011	0	0	0	82
		B		7.53Y	125.5	0.01	0.51	68.96	36	485	186	93					0	0	0	131
		C		7.53Y	125.6	0.01	0.42	65.84	35	462	180	93					0	0	0	122
PL.15978	PL.26796	A	1/0EPRJCN	7.53Y	125.5	0.01	0.45	64.36	34	454	171	94	0.09	0.0	0.916	0.008	0	0	0	81
		B		7.53Y	125.5	0.01	0.52	68.96	36	485	186	93					0	0	0	131
		C		7.53Y	125.6	0.01	0.43	65.84	35	462	180	93					0	0	0	122
PD.744-A	PL.15978	A	Closed	7.53Y	125.5	0.00	0.45	64.37	0	454	171	94	0.00	0.0	0.916	0.000	0	0	0	81
		B		7.53Y	125.5	0.00	0.52	68.96	0	485	186	93					0	0	0	131
		C		7.53Y	125.6	0.00	0.43	65.84	0	462	180	93					0	0	0	122
PD.744-B	PD.744-A	A	Closed	7.53Y	125.5	0.00	0.45	64.37	0	454	171	94	0.00	0.0	0.916	0.000	0	0	0	81
		B		7.53Y	125.5	0.00	0.52	68.96	0	485	186	93					0	0	0	131
		C		7.53Y	125.6	0.00	0.43	65.84	0	462	180	93					0	0	0	122
PL.15979	PD.744-B	A	1/0EPRJCN	7.52Y	125.4	0.16	0.61	64.37	34	454	171	94	1.82	0.1	1.066	0.151	0	0	0	81
		B		7.52Y	125.3	0.17	0.69	68.96	36	485	186	93					0	0	0	131
		C		7.52Y	125.4	0.16	0.59	65.84	35	462	180	93					0	0	0	122
PD.745-A	PL.15979	A	Closed	7.52Y	125.4	0.00	0.61	64.40	0	453	171	94	0.00	0.0	1.066	0.000	0	0	0	81
		B		7.52Y	125.3	0.00	0.69	68.99	0	484	187	93					0	0	0	131
		C		7.52Y	125.4	0.00	0.59	65.88	0	462	181	93					0	0	0	122
PD.745-B	PD.745-A	A	Closed	7.52Y	125.4	0.00	0.61	64.40	0	453	171	94	0.00	0.0	1.066	0.000	0	0	0	81
		B		7.52Y	125.3	0.00	0.69	68.99	0	484	187	93					0	0	0	131
		C		7.52Y	125.4	0.00	0.59	65.88	0	462	181	93					0	0	0	122
PL.403	PD.745-B	A	336ACSR	7.52Y	125.3	0.06	0.67	64.40	9	453	171	94	0.43	0.0	1.185	0.119	0	0	0	81
		B		7.51Y	125.2	0.07	0.76	68.99	9	484	187	93					0	0	0	131
		C		7.52Y	125.3	0.06	0.66	65.88	9	462	181	93					0	0	0	122
PL.25299	PL.403	A	336ACSR	7.51Y	125.2	0.14	0.81	64.40	9	453	171	94	0.99	0.1	1.459	0.273	0	0	0	81
		B		7.51Y	125.1	0.16	0.92	68.99	9	484	187	93					0	0	0	131
		C		7.51Y	125.2	0.14	0.80	65.88	9	461	180	93					0	0	0	122

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	mi Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.26597	PL.25299	A	336ACSR	7.51Y	125.2	0.03	0.84	64.40	9	453	170	94	0.20	0.0	1.515	0.057	0	0	0	81
		B		7.50Y	125.1	0.03	0.95	68.99	9	483	186	93					0	0	0	131
		C		7.51Y	125.2	0.03	0.83	65.88	9	461	180	93					0	0	0	122
PL.17263	PL.26597	A	4ACSR	7.51Y	125.2	0.00	0.84	0.14	0	1	1	71	0.00	0.0	1.520	0.005	0	0	0	1
PD.1156	PL.17263	A	fuse6AMP	7.51Y	125.2	0.00	0.84	0.14	2	1	1	71	0.00	0.0	1.520	0.000	0	0	0	1
PL.17264	PD.1156	A	4ACSR	7.51Y	125.2	0.00	0.84	0.14	0	1	1	71	0.00	0.0	1.560	0.040	0	0	0	1
083629	PL.17264	A	Consumer	7.51Y	125.2	0.00	0.84	0.14	0	1	1	71	0.00	0.0	1.560	0.000	1	1	1	1
PL.26598	PL.26597	A	1/0ACSR	7.50Y	124.9	0.22	1.06	64.26	19	452	169	94	2.14	0.2	1.704	0.188	0	0	0	80
		B		7.49Y	124.8	0.25	1.19	68.99	21	483	185	93					0	0	0	131
		C		7.50Y	125.0	0.22	1.05	65.88	20	461	179	93					0	0	0	122
PL.8304	PL.26598	A	1/0ACSR	7.49Y	124.8	0.09	1.16	62.96	19	443	164	94	0.91	0.1	1.785	0.081	0	0	0	74
		B		7.48Y	124.7	0.11	1.30	68.99	21	483	185	93					0	0	0	131
		C		7.49Y	124.9	0.10	1.15	65.82	20	460	179	93					0	0	0	121
083618	PL.8304	B	Consumer	7.48Y	124.7	0.00	1.30	0.67	0	4	3	80	0.00	0.0	1.785	0.000	4	3	1	1
083620	PL.8304	B	Consumer	7.48Y	124.7	0.00	1.30	0.07	0	0	0	100	0.00	0.0	1.785	0.000	0	0	1	1
083632	PL.8304	B	Consumer	7.48Y	124.7	0.00	1.30	0.20	0	1	1	71	0.00	0.0	1.785	0.000	1	1	1	1
PL.19222	PL.8304	A	1/0ACSR	7.49Y	124.8	0.04	1.20	62.96	19	442	164	94	0.43	0.0	1.824	0.039	0	0	0	74
		B		7.48Y	124.6	0.05	1.35	68.06	21	476	181	93					0	0	0	128
		C		7.49Y	124.8	0.05	1.19	65.82	20	460	178	93					0	0	0	121
PL.19223	PL.19222	A	1/0ACSR	7.49Y	124.8	0.03	1.23	62.96	19	442	163	94	0.29	0.0	1.850	0.026	0	0	0	74
		B		7.48Y	124.6	0.03	1.39	67.65	20	473	179	94					0	0	0	127
		C		7.49Y	124.8	0.03	1.22	65.82	20	460	178	93					0	0	0	121
PL.16364	PL.19223	C	4ACSR	7.49Y	124.8	0.00	1.22	0.80	0	5	3	86	0.00	0.0	1.856	0.006	0	0	0	3
PD.1157	PL.16364	C	fuse6AMP	7.49Y	124.8	0.00	1.22	0.80	14	5	3	86	0.00	0.0	1.856	0.000	0	0	0	3
PL.16365	PD.1157	C	4ACSR	7.49Y	124.8	0.01	1.23	0.80	0	5	3	86	0.00	0.0	2.006	0.150	0	0	0	3
083627	PL.16365	C	Consumer	7.49Y	124.8	0.00	1.23	0.48	0	3	2	83	0.00	0.0	2.006	0.000	3	2	1	1
083625	PL.16365	C	Consumer	7.49Y	124.8	0.00	1.23	0.08	0	1	0	100	0.00	0.0	2.006	0.000	1	0	1	1
083605	PL.16365	C	Consumer	7.49Y	124.8	0.00	1.23	0.24	0	2	1	89	0.00	0.0	2.006	0.000	2	1	1	1
PL.26596	PL.19223	A	1/0ACSR	7.46Y	124.3	0.51	1.74	62.96	19	442	163	94	4.90	0.4	2.297	0.447	0	0	0	74
		B		7.44Y	124.0	0.57	1.96	67.65	20	473	179	94					0	0	0	127
		C		7.45Y	124.2	0.53	1.75	65.03	20	454	175	93					0	0	0	117
PL.20901	PL.26596	A	4ACSR	7.46Y	124.3	0.00	1.74	1.16	1	7	4	87	0.00	0.0	2.304	0.007	0	0	0	3
PD.1159	PL.20901	A	fuse6AMP	7.46Y	124.3	0.00	1.74	1.16	20	7	4	87	0.00	0.0	2.304	0.000	0	0	0	3
PL.20902	PD.1159	A	4ACSR	7.46Y	124.3	0.00	1.74	1.16	1	7	4	87	0.00	0.0	2.324	0.020	0	0	0	3
084625	PL.20902	A	Consumer	7.46Y	124.3	0.00	1.74	0.68	0	4	3	80	0.00	0.0	2.324	0.000	4	3	1	1
084624	PL.20902	A	Consumer	7.46Y	124.3	0.00	1.74	0.45	0	3	2	83	0.00	0.0	2.324	0.000	3	2	1	1
084609	PL.20902	A	Consumer	7.46Y	124.3	0.00	1.74	0.03	0	0	0	100	0.00	0.0	2.324	0.000	0	0	1	1
PL.16362	PL.26596	C	4ACSR	7.45Y	124.2	0.00	1.75	0.00	0	0	0	100	0.00	0.0	2.303	0.006	0	0	0	0
PD.1158	PL.16362	C	fuse6AMP	7.45Y	124.2	0.00	1.75	0.00	0	0	0	100	0.00	0.0	2.303	0.000	0	0	0	0
PL.16363	PD.1158	C	4ACSR	7.45Y	124.2	0.00	1.75	0.00	0	0	0	100	0.00	0.0	2.408	0.105	0	0	0	0
0846025	PL.16363	C	Consumer	7.45Y	124.2	0.00	1.75	0.00	0	0	0	100	0.00	0.0	2.408	0.000	0	0	0	0
PL.8308	PL.26596	A	1/0ACSR	7.45Y	124.2	0.05	1.80	61.82	19	433	158	94	0.53	0.0	2.346	0.049	0	0	0	71
		B		7.44Y	124.0	0.06	2.02	67.65	20	471	177	94					0	0	0	127
		C		7.45Y	124.2	0.06	1.81	65.03	20	453	173	93					0	0	0	117

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.398	PL.8308	A	1/0ACSR	7.45Y	124.2	0.04	1.83	61.82	19	433	157	94	0.31	0.0	2.380	0.034	0	0	0	71		
		B		7.44Y	124.0	0.03	2.05	51.97	16	367	121	95					0	0	0	67		
		C		7.45Y	124.1	0.04	1.85	65.03	20	453	173	93					0	0	0	116		
PL.7514	PL.398	A	1/0ACSR	7.45Y	124.1	0.02	1.85	61.82	19	433	157	94	0.16	0.0	2.397	0.017	0	0	0	71		
		B		7.44Y	123.9	0.01	2.06	51.97	16	367	121	95					0	0	0	67		
		C		7.45Y	124.1	0.02	1.88	65.03	20	452	173	93					0	0	0	116		
561102	PL.7514	B	Consumer	7.44Y	123.9	0.00	2.06	0.00	0	0	0	100	0.00	0.0	2.397	0.000	0	0	1	1		
PL.27612	PL.7514	A	4ACSR	7.45Y	124.1	0.01	1.86	61.82	32	433	157	94	0.10	0.0	2.402	0.004	0	0	0	71		
		B		7.44Y	123.9	0.01	2.07	51.97	27	367	121	95					0	0	0	66		
		C		7.45Y	124.1	0.01	1.89	65.03	34	452	173	93					0	0	0	116		
PD.2832-A	PL.27612	A	Closed	7.45Y	124.1	0.00	1.86	61.82	0	433	157	94	0.00	0.0	2.402	0.000	0	0	0	71		
		B		7.44Y	123.9	0.00	2.07	51.97	0	367	121	95					0	0	0	66		
		C		7.45Y	124.1	0.00	1.89	65.03	0	452	173	93					0	0	0	116		
PD.2832-B	PD.2832-A	A	Closed	7.45Y	124.1	0.00	1.86	61.82	0	433	157	94	0.00	0.0	2.402	0.000	0	0	0	71		
		B		7.44Y	123.9	0.00	2.07	51.97	0	367	121	95					0	0	0	66		
		C		7.45Y	124.1	0.00	1.89	65.03	0	452	173	93					0	0	0	116		
PL.19790	PD.2832-B	A	1/0ACSR	7.44Y	124.1	0.08	1.94	61.82	19	433	157	94	0.67	0.1	2.473	0.072	0	0	0	71		
		B		7.43Y	123.9	0.06	2.13	51.97	16	367	121	95					0	0	0	66		
		C		7.44Y	124.0	0.09	1.98	65.03	20	452	173	93					0	0	0	116		
561101	PL.19790	A	Consumer	7.44Y	124.1	0.00	1.94	0.17	0	1	1	71	0.00	0.0	2.473	0.000	1	1	1	1		
561104	PL.19790	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	2.473	0.000	0	0	0	0		
561103	PL.19790	A	Consumer	7.44Y	124.1	0.00	1.94	0.77	0	5	3	86	0.00	0.0	2.473	0.000	5	3	1	1		
PL.19791	PL.19790	A	1/0ACSR	7.44Y	124.0	0.04	1.98	60.90	18	426	154	94	0.34	0.0	2.511	0.037	0	0	0	69		
		B		7.43Y	123.8	0.03	2.17	51.97	16	367	121	95					0	0	0	66		
		C		7.44Y	124.0	0.05	2.03	65.03	20	452	173	93					0	0	0	116		
561203	PL.19791	A	Consumer	7.44Y	124.0	0.00	1.98	0.12	0	1	0	100	0.00	0.0	2.511	0.000	1	0	1	1		
561205	PL.19791	A	Consumer	7.44Y	124.0	0.00	1.98	0.52	0	3	2	83	0.00	0.0	2.511	0.000	3	2	1	1		
PL.19767	PL.19791	A	1/0ACSR	7.44Y	124.0	0.06	2.04	60.26	18	422	151	94	0.56	0.0	2.572	0.062	0	0	0	67		
		B		7.43Y	123.8	0.05	2.22	51.97	16	367	121	95					0	0	0	66		
		C		7.43Y	123.9	0.08	2.11	65.03	20	452	173	93					0	0	0	116		
PL.19768	PL.19767	A	1/0ACSR	7.43Y	123.8	0.12	2.16	60.26	18	422	151	94	1.02	0.1	2.684	0.112	0	0	0	67		
		B		7.42Y	123.7	0.10	2.32	51.72	16	365	120	95					0	0	0	65		
		C		7.42Y	123.7	0.15	2.26	65.03	20	452	172	93					0	0	0	116		
PL.26605	PL.19768	A	4ACSR	7.43Y	123.8	0.00	2.16	60.26	31	422	150	94	0.00	0.0	2.684	0.000	0	0	0	67		
		B		7.42Y	123.7	0.00	2.32	51.72	27	365	120	95					0	0	0	65		
		C		7.42Y	123.7	0.00	2.26	65.03	34	451	172	93					0	0	0	116		
5632003	PL.26605	A	Consumer	7.43Y	123.8	0.00	2.16	0.15	0	1	1	71	0.00	0.0	2.684	0.000	1	1	1	1		
PL.20242	PL.26605	A	4ACSR	7.43Y	123.8	0.00	2.16	0.38	0	2	1	89	0.00	0.0	2.695	0.010	0	0	0	1		
PD.2833	PL.20242	A	fuse6AMP	7.43Y	123.8	0.00	2.16	0.38	7	2	1	89	0.00	0.0	2.695	0.000	0	0	0	1		
PL.20243	PD.2833	A	4ACSR	7.43Y	123.8	0.00	2.16	0.38	0	2	1	89	0.00	0.0	2.767	0.072	0	0	0	1		
563201	PL.20243	A	Consumer	7.43Y	123.8	0.00	2.16	0.38	0	2	1	89	0.00	0.0	2.767	0.000	2	1	1	1		
563202	PL.20243	A	Consumer	7.43Y	123.8	0.00	2.16	0.00	0	0	0	100	0.00	0.0	2.767	0.000	0	0	0	0		
PL.26606	PL.26605	A	1/0ACSR	7.42Y	123.6	0.21	2.37	59.74	18	418	148	94	1.85	0.2	2.889	0.205	0	0	0	65		
		B		7.41Y	123.5	0.18	2.50	51.72	16	365	120	95					0	0	0	65		
		C		7.41Y	123.5	0.27	2.53	65.03	20	451	172	93					0	0	0	116		
PL.26607	PL.26606	A	1/0ACSR	7.42Y	123.6	0.02	2.39	59.74	18	418	148	94	0.18	0.0	2.909	0.020	0	0	0	65		
		B		7.41Y	123.5	0.02	2.51	51.20	16	361	117	95					0	0	0	63		
		C		7.41Y	123.4	0.03	2.55	65.03	20	450	171	93					0	0	0	116		
PL.20607	PL.26607	A	1/0ACSR	7.41Y	123.5	0.06	2.46	59.74	18	418	148	94	0.55	0.0	2.971	0.063	0	0	0	65		
		B		7.41Y	123.4	0.05	2.56	49.43	15	349	111	95					0	0	0	57		
		C		7.40Y	123.4	0.08	2.64	65.03	20	450	171	93					0	0	0	116		

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.20608, PL.8343, 567404, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
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Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
0857017	PL.32798	B	Consumer	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.780	0.000	0	0	1	1
PL.33205	PL.32796	B	2ACSR	7.39Y	123.2	0.00	2.77	1.02	0	7	4	87	0.00	0.0	3.814	0.064	0	0	0	2
PL.33206	PL.33205	B	2ACSR	7.39Y	123.2	0.00	2.78	0.35	0	2	1	89	0.00	0.0	3.853	0.038	0	0	0	1
0857016	PL.33206	B	Consumer	7.39Y	123.2	0.00	2.78	0.35	0	2	1	89	0.00	0.0	3.853	0.000	2	1	1	1
0857015	PL.33205	B	Consumer	7.39Y	123.2	0.00	2.77	0.67	0	4	2	89	0.00	0.0	3.814	0.000	4	2	1	1
PL.43908	PL.32796	B	2ACSR	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.779	0.028	0	0	0	1
PL.45986	PL.43908	B	2ACSR	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.800	0.022	0	0	0	1
0857026	PL.45986	B	Consumer	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.800	0.000	0	0	0	0
PL.45987	PL.45986	B	2ACSR	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.820	0.020	0	0	0	1
0857025	PL.45987	B	Consumer	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.820	0.000	0	0	0	0
PL.44715	PL.45987	B	2ACSR	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.945	0.125	0	0	0	1
PL.42277	PL.44715	B	2ACSR	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.993	0.048	0	0	0	0
0857023	PL.42277	B	Consumer	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.993	0.000	0	0	0	0
0857018	PL.44715	B	Consumer	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.945	0.000	0	0	1	1
0857024	PL.43908	B	Consumer	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.779	0.000	0	0	0	0
PL.31877	PL.42173	B	2ACSR	7.39Y	123.2	0.00	2.77	0.01	0	0	0	100	0.00	0.0	3.685	0.042	0	0	0	1
PL.31878	PL.31877	B	2ACSR	7.39Y	123.2	0.00	2.77	0.01	0	0	0	100	0.00	0.0	3.704	0.019	0	0	0	1
5694002	PL.31878	B	Consumer	7.39Y	123.2	0.00	2.77	0.01	0	0	0	100	0.00	0.0	3.704	0.000	0	0	1	1
0857022	PL.42172	B	Consumer	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	3.606	0.000	0	0	0	0
PL.30347	PL.7516	A	336ACSR	7.39Y	123.2	0.02	2.76	58.89	8	411	144	94	0.07	0.0	3.370	0.031	0	0	0	60
		B		7.39Y	123.2	0.01	2.76	46.73	6	331	100	96					0	0	0	44
		C		7.38Y	123.1	0.01	2.93	48.89	7	344	110	95					0	0	0	56
PL.30348	PL.30347	A	336ACSR	7.39Y	123.1	0.10	2.85	58.89	8	411	143	94	0.42	0.0	3.559	0.190	0	0	0	60
		B		7.39Y	123.2	0.05	2.82	46.73	6	331	100	96					0	0	0	44
		C		7.38Y	123.0	0.08	3.01	48.89	7	344	110	95					0	0	0	56
PL.30344	PL.30348	A	336ACSR	7.39Y	123.1	0.01	2.86	58.89	8	411	143	94	0.05	0.0	3.582	0.023	0	0	0	60
		B		7.39Y	123.2	0.01	2.82	46.73	6	331	100	96					0	0	0	44
		C		7.38Y	123.0	0.01	3.02	48.89	7	344	110	95					0	0	0	56
PD.3827-A	PL.30344	A	Closed	7.39Y	123.1	0.00	2.86	58.89	0	411	143	94	0.00	0.0	3.582	0.000	0	0	0	60
		B		7.39Y	123.2	0.00	2.82	46.73	0	331	100	96					0	0	0	44
		C		7.38Y	123.0	0.00	3.02	48.89	0	344	110	95					0	0	0	56
PD.3827-B	PD.3827-A	A	Closed	7.39Y	123.1	0.00	2.86	58.89	0	411	143	94	0.00	0.0	3.582	0.000	0	0	0	60
		B		7.39Y	123.2	0.00	2.82	46.73	0	331	100	96					0	0	0	44
		C		7.38Y	123.0	0.00	3.02	48.89	0	344	110	95					0	0	0	56
PL.30345	PD.3827-B	A	336ACSR	7.39Y	123.1	0.02	2.88	58.89	8	411	143	94	0.09	0.0	3.621	0.038	0	0	0	60
		B		7.39Y	123.2	0.01	2.83	46.73	6	331	100	96					0	0	0	44
		C		7.38Y	123.0	0.02	3.04	48.89	7	344	110	95					0	0	0	56
PL.17938	PL.30345	A	336ACSR	7.37Y	122.8	0.27	3.15	58.89	8	411	143	94	1.16	0.1	4.145	0.524	0	0	0	60
		B		7.38Y	123.0	0.14	2.97	46.73	6	331	100	96					0	0	0	44
		C		7.37Y	122.8	0.21	3.25	48.89	7	344	110	95					0	0	0	56
PL.26850	PL.17938	B	4ACSR	7.38Y	123.0	0.00	2.97	1.18	1	8	4	89	0.00	0.0	4.155	0.010	0	0	0	3
PD.2046	PL.26850	B	fuse6AMP	7.38Y	123.0	0.00	2.97	1.18	20	8	4	89	0.00	0.0	4.155	0.000	0	0	0	3
PL.26851	PD.2046	B	4ACSR	7.38Y	123.0	0.01	2.98	1.18	1	8	4	89	0.00	0.0	4.363	0.208	0	0	0	3
085704	PL.26851	B	Consumer	7.38Y	123.0	0.00	2.98	0.61	0	4	2	89	0.00	0.0	4.363	0.000	4	2	1	1
PL.8461	PL.26851	B	4ACSR	7.38Y	123.0	0.00	2.99	0.57	0	4	2	89	0.00	0.0	4.479	0.116	0	0	0	2

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR			
085708	PL.8461	B	Consumer	7.38Y	123.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	4.479	0.000	0	0	1	1	
085712	PL.8461	B	Consumer	7.38Y	123.0	0.00	2.99	0.57	0	4	2	89	0.00	0.0	4.479	0.000	4	2	1	1	
PL.26620	PL.17938	A	1/0ACSR	7.37Y	122.8	0.09	3.24	58.89	18	410	142	94	0.57	0.1	4.228	0.083	0	0	0	60	
		B		7.38Y	123.0	0.06	3.03	45.58	14	323	95	96					0	0	0	41	
		C		7.36Y	122.7	0.08	3.33	48.89	15	343	109	95					0	0	0	56	
PL.39245	PL.26620	A	4ACSR	7.37Y	122.8	0.00	3.24	0.28	0	2	1	89	0.00	0.0	4.234	0.006	0	0	0	2	
PD.6886	PL.39245	A	fuse6AMP	7.37Y	122.8	0.00	3.24	0.28	5	2	1	89	0.00	0.0	4.234	0.000	0	0	0	2	
PL.39244	PD.6886	A	4ACSR	7.37Y	122.8	0.00	3.25	0.28	0	2	1	89	0.00	0.0	4.329	0.095	0	0	0	2	
085709	PL.39244	A	Consumer	7.37Y	122.8	0.00	3.25	0.11	0	1	0	100	0.00	0.0	4.329	0.000	1	0	1	1	
085710	PL.39244	A	Consumer	7.37Y	122.8	0.00	3.25	0.17	0	1	1	71	0.00	0.0	4.329	0.000	1	1	1	1	
PL.14025	PL.26620	A	1/0ACSR	7.36Y	122.7	0.11	3.35	58.62	18	408	140	95	0.63	0.1	4.321	0.093	0	0	0	58	
		B		7.37Y	122.9	0.06	3.09	45.58	14	323	94	96					0	0	0	41	
		C		7.36Y	122.6	0.09	3.41	48.89	15	343	109	95					0	0	0	56	
085711	PL.14025	C	Consumer	7.36Y	122.6	0.00	3.41	0.01	0	0	0	100	0.00	0.0	4.321	0.000	0	0	1	1	
PL.14026	PL.14025	A	1/0ACSR	7.35Y	122.5	0.15	3.50	58.62	18	408	140	95	0.89	0.1	4.452	0.131	0	0	0	58	
		B		7.37Y	122.8	0.09	3.18	45.58	14	323	94	96					0	0	0	41	
		C		7.35Y	122.5	0.12	3.53	48.88	15	343	109	95					0	0	0	55	
PL.18388	PL.14026	A	6ACWC	7.35Y	122.5	0.02	3.52	58.62	31	408	139	95	0.13	0.0	4.459	0.007	0	0	0	58	
		B		7.37Y	122.8	0.01	3.19	45.44	24	322	94	96					0	0	0	39	
		C		7.35Y	122.5	0.01	3.55	48.88	25	342	109	95					0	0	0	55	
PD.752-A	PL.18388	A	Closed	7.35Y	122.5	0.00	3.52	58.62	0	408	139	95	0.00	0.0	4.459	0.000	0	0	0	58	
		B		7.37Y	122.8	0.00	3.19	45.44	0	321	93	96					0	0	0	39	
		C		7.35Y	122.5	0.00	3.55	48.88	0	342	109	95					0	0	0	55	
PD.752-B	PD.752-A	A	Closed	7.35Y	122.5	0.00	3.52	58.62	0	408	139	95	0.00	0.0	4.459	0.000	0	0	0	58	
		B		7.37Y	122.8	0.00	3.19	45.44	0	321	93	96					0	0	0	39	
		C		7.35Y	122.5	0.00	3.55	48.88	0	342	109	95					0	0	0	55	
PL.14027	PD.752-B	A	6ACWC	7.34Y	122.3	0.14	3.65	58.62	31	408	139	95	1.02	0.1	4.518	0.059	0	0	0	58	
		B		7.36Y	122.7	0.10	3.29	45.44	24	321	93	96					0	0	0	39	
		C		7.34Y	122.3	0.12	3.66	48.88	25	342	109	95					0	0	0	55	
PL.18954	PL.14027	C	4ACSR	7.34Y	122.3	0.00	3.66	0.21	0	1	1	71	0.00	0.0	4.530	0.012	0	0	0	1	
PD.1813	PL.18954	C	fuse6AMP	7.34Y	122.3	0.00	3.66	0.21	4	1	1	71	0.00	0.0	4.530	0.000	0	0	0	1	
PL.18955	PD.1813	C	4ACSR	7.34Y	122.3	0.00	3.66	0.21	0	1	1	71	0.00	0.0	4.593	0.064	0	0	0	1	
085803	PL.18955	C	Consumer	7.34Y	122.3	0.00	3.66	0.21	0	1	1	71	0.00	0.0	4.593	0.000	1	1	1	1	
085806	PL.18955	C	Consumer	7.34Y	122.3	0.00	3.66	0.00	0	0	0	100	0.00	0.0	4.593	0.000	0	0	0	0	
PL.14028	PL.14027	A	6ACWC	7.33Y	122.2	0.16	3.82	58.62	31	407	139	95	1.19	0.1	4.586	0.069	0	0	0	58	
		B		7.36Y	122.6	0.11	3.40	45.44	24	321	93	96					0	0	0	39	
		C		7.33Y	122.2	0.14	3.80	48.67	25	341	108	95					0	0	0	54	
PL.25269	PL.14028	A	6ACWC	7.33Y	122.1	0.04	3.86	58.62	31	407	139	95	0.30	0.0	4.603	0.017	0	0	0	58	
		B		7.35Y	122.6	0.03	3.43	45.39	24	321	93	96					0	0	0	38	
		C		7.33Y	122.2	0.03	3.83	48.67	25	340	108	95					0	0	0	54	
PL.25097	PL.25269	A	6ACWC	7.32Y	122.0	0.15	4.00	58.62	31	406	139	95	1.06	0.1	4.665	0.061	0	0	0	58	
		B		7.35Y	122.5	0.10	3.53	45.39	24	321	93	96					0	0	0	38	
		C		7.32Y	122.0	0.12	3.95	48.67	25	340	108	95					0	0	0	54	
PL.25098	PL.25097	A	6ACWC	7.31Y	121.8	0.21	4.21	58.62	31	406	139	95	1.53	0.1	4.753	0.088	0	0	0	58	
		B		7.34Y	122.3	0.14	3.67	45.39	24	320	93	96					0	0	0	38	
		C		7.31Y	121.9	0.17	4.13	48.67	25	340	108	95					0	0	0	54	
591102	PL.25098	A	Consumer	7.31Y	121.8	0.00	4.21	0.03	0	0	0	100	0.00	0.0	4.753	0.000	0	0	1	1	
PL.28128	PL.25098	A	1/0ACSR	7.31Y	121.8	0.01	4.22	58.59	18	405	138	95	0.05	0.0	4.760	0.007	0	0	0	57	
		B		7.34Y	122.3	0.01	3.68	45.39	14	320	93	96					0	0	0	38	
		C		7.31Y	121.9	0.01	4.14	48.67	15	339	107	95					0	0	0	54	

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for elements like RG.20, PL.22243, C PD.3494, PL.23430, 592204, 592211, PL.14029, 591203, PL.14030, PL.25092, 592307, PL.14352, PL.39246, C PD.6887, PL.39247, 593201, PL.14353, PL.14282, PL.25099, 595202, 5952003, PL.28697, PL.45913, PD.8684.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.45914, PL.25091, PL.26859, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	mi Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.28638	PL.14354	A	6ACWC	7.46Y	124.3	0.10	1.70	31.14	16	228	44	98	0.47	0.1	5.927	0.082	0	0	0	13
		B		7.46Y	124.3	0.08	1.69	27.85	15	205	34	99					0	0	0	13
		C		7.48Y	124.6	0.09	1.39	29.18	15	215	38	98					0	0	0	6
PL.28639	PL.28638	A	6ACWC	7.45Y	124.2	0.05	1.75	30.79	16	226	43	98	0.25	0.0	5.972	0.045	0	0	0	11
		B		7.46Y	124.3	0.05	1.73	27.85	15	205	34	99					0	0	0	13
		C		7.47Y	124.6	0.05	1.44	29.18	15	215	38	98					0	0	0	6
PL.22672	PL.28639	A	6ACWC	7.45Y	124.1	0.12	1.88	30.79	16	226	43	98	0.58	0.1	6.076	0.103	0	0	0	11
		B		7.45Y	124.2	0.11	1.84	27.85	15	205	34	99					0	0	0	13
		C		7.47Y	124.4	0.12	1.56	29.18	15	215	38	98					0	0	0	6
PL.28679	PL.22672	A	6ACWC	7.44Y	124.1	0.05	1.93	30.79	16	225	43	98	0.23	0.0	6.117	0.041	0	0	0	11
		B		7.45Y	124.1	0.04	1.89	27.85	15	205	34	99					0	0	0	13
		C		7.46Y	124.4	0.05	1.60	29.18	15	215	38	98					0	0	0	6
PL.28680	PL.28679	A	6ACWC	7.44Y	124.0	0.05	1.97	30.79	16	225	43	98	0.22	0.0	6.155	0.039	0	0	0	11
		B		7.44Y	124.1	0.04	1.93	27.85	15	205	34	99					0	0	0	13
		C		7.46Y	124.4	0.04	1.65	29.18	15	214	38	98					0	0	0	6
PL.30979	PL.28680	A	4ACSR	7.44Y	124.0	0.00	1.97	1.84	1	12	6	89	0.00	0.0	6.166	0.011	0	0	0	3
PD.3969	PL.30979	A	fuse6AMP	7.44Y	124.0	0.00	1.97	1.84	31	12	6	89	0.00	0.0	6.166	0.000	0	0	0	3
PL.30980	PD.3969	A	4ACSR	7.44Y	124.0	0.00	1.98	1.84	1	12	6	89	0.00	0.0	6.177	0.011	0	0	0	3
PL.5262	PL.30980	A	4ACSR	7.44Y	124.0	0.00	1.98	1.84	1	12	6	89	0.00	0.0	6.200	0.023	0	0	0	3
087821	PL.5262	A	Consumer	7.44Y	124.0	0.00	1.98	0.14	0	1	0	100	0.00	0.0	6.200	0.000	1	0	1	1
087824	PL.5262	A	Consumer	7.44Y	124.0	0.00	1.98	1.54	0	10	5	89	0.00	0.0	6.200	0.000	10	5	1	1
087822	PL.5262	A	Consumer	7.44Y	124.0	0.00	1.98	0.16	0	1	1	71	0.00	0.0	6.200	0.000	1	1	1	1
PL.30977	PL.28680	B	4ACSR	7.44Y	124.1	0.00	1.93	0.10	0	1	0	100	0.00	0.0	6.166	0.011	0	0	0	2
PD.3861	PL.30977	B	fuse6AMP	7.44Y	124.1	0.00	1.93	0.10	2	1	0	100	0.00	0.0	6.166	0.000	0	0	0	2
PL.30978	PD.3861	B	4ACSR	7.44Y	124.1	0.00	1.93	0.10	0	1	0	100	0.00	0.0	6.213	0.047	0	0	0	2
086808	PL.30978	B	Consumer	7.44Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	6.213	0.000	0	0	1	1
086809	PL.30978	B	Consumer	7.44Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	6.213	0.000	0	0	0	0
086801	PL.30978	B	Consumer	7.44Y	124.1	0.00	1.93	0.10	0	1	0	100	0.00	0.0	6.213	0.000	1	0	1	1
599802	PL.28680	B	Consumer	7.44Y	124.1	0.00	1.93	0.18	0	1	1	71	0.00	0.0	6.155	0.000	1	1	1	1
086811	PL.28680	B	Consumer	7.44Y	124.1	0.00	1.93	0.11	0	1	0	100	0.00	0.0	6.155	0.000	1	0	1	1
086810	PL.28680	B	Consumer	7.44Y	124.1	0.00	1.93	0.16	0	1	1	71	0.00	0.0	6.155	0.000	1	1	1	1
PL.8467	PL.28680	A	6ACWC	7.44Y	124.0	0.02	2.00	29.02	15	213	37	99	0.11	0.0	6.177	0.021	0	0	0	8
		B		7.44Y	124.1	0.02	1.95	27.34	14	201	32	99					0	0	0	8
		C		7.46Y	124.3	0.02	1.67	29.18	15	214	38	98					0	0	0	6
PL.25021	PL.8467	A	6ACWC	7.44Y	124.0	0.03	2.02	29.02	15	213	37	99	0.13	0.0	6.201	0.024	0	0	0	8
		B		7.44Y	124.0	0.02	1.97	27.34	14	201	32	99					0	0	0	8
		C		7.46Y	124.3	0.03	1.70	29.18	15	214	38	98					0	0	0	6
087817	PL.25021	C	Consumer	7.46Y	124.3	0.00	1.70	0.04	0	0	0	100	0.00	0.0	6.201	0.000	0	0	1	1
087807	PL.25021	C	Consumer	7.46Y	124.3	0.00	1.70	0.08	0	1	0	100	0.00	0.0	6.201	0.000	1	0	1	1
087815	PL.25021	C	Consumer	7.46Y	124.3	0.00	1.70	0.45	0	3	1	95	0.00	0.0	6.201	0.000	3	1	1	1
PL.14144	PL.25021	A	6ACWC	7.43Y	123.9	0.09	2.11	29.02	15	213	36	99	0.41	0.1	6.278	0.077	0	0	0	8
		B		7.44Y	123.9	0.08	2.05	27.34	14	201	32	99					0	0	0	8
		C		7.45Y	124.2	0.09	1.79	28.63	15	210	36	99					0	0	0	3
PL.14145	PL.14144	A	6ACWC	7.43Y	123.8	0.09	2.20	29.02	15	213	36	99	0.44	0.1	6.361	0.083	0	0	0	8
		B		7.43Y	123.9	0.09	2.14	27.29	14	200	32	99					0	0	0	7
		C		7.45Y	124.1	0.09	1.88	28.63	15	210	36	99					0	0	0	3

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.15602	PL.14145	A	6ACWC	7.43Y	123.8	0.00	2.21	3.50	2	23	11	90	0.00	0.0	6.384	0.023	0	0	0	5		
		B		7.43Y	123.9	-0.00	2.14	0.31	0	2	1	90					0	0	0	1		
		C		7.45Y	124.1	0.00	1.88	3.29	2	22	11	89					0	0	0	3		
PD.1776	PL.15602	A	fuse6AMP	7.43Y	123.8	0.00	2.21	3.50	60	23	11	90	0.00	0.0	6.384	0.000	0	0	0	5		
		B		7.43Y	123.9	0.00	2.14	0.31	5	2	1	90					0	0	0	1		
		C		7.45Y	124.1	0.00	1.88	3.29	56	22	11	89					0	0	0	3		
PL.15603	PD.1776	A	6ACWC	7.43Y	123.8	0.00	2.21	3.50	2	23	11	90	0.00	0.0	6.415	0.031	0	0	0	5		
		B		7.43Y	123.9	-0.00	2.14	0.31	0	2	1	90					0	0	0	1		
		C		7.45Y	124.1	0.01	1.89	3.29	2	22	11	89					0	0	0	3		
PL.14142	PL.15603	A	4ACSR	7.43Y	123.8	0.00	2.21	2.17	1	15	7	91	0.00	0.0	6.421	0.006	0	0	0	2		
		C		7.45Y	124.1	0.00	1.89	2.12	1	14	7	90					0	0	0	1		
PL.14143	PL.14142	A	4ACSR	7.43Y	123.8	0.00	2.21	2.17	1	15	7	91	0.00	0.0	6.446	0.025	0	0	0	2		
		C		7.45Y	124.1	0.00	1.89	2.12	1	14	7	90					0	0	0	1		
087818	PL.14143	C	Consumer	7.45Y	124.1	0.00	1.89	0.00	0	0	0	100	0.00	0.0	6.446	0.000	0	0	0	0		
087819	PL.14143	A	Consumer	7.43Y	123.8	0.00	2.21	0.05	0	0	0	100	0.00	0.0	6.446	0.000	0	0	1	1		
PL.24838	PL.14143	A	4ACSR	7.43Y	123.8	0.00	2.22	2.12	1	14	7	89	0.00	0.0	6.505	0.059	0	0	0	1		
		C		7.45Y	124.1	0.01	1.90	2.12	1	14	7	90					0	0	0	1		
087811	PL.24838	A	Consumer	7.43Y	123.8	0.00	2.22	1.93	0	13	6	91	0.00	0.0	6.505	0.000	13	6	1	1		
		C		7.45Y	124.1	0.00	1.90	1.92	0	13	6	90					13	6	1	1		
087812	PL.24838	A	Consumer	7.43Y	123.8	0.00	2.22	0.20	0	1	1	71	0.00	0.0	6.505	0.000	1	1	1	1		
		C		7.45Y	124.1	0.00	1.90	0.20	0	1	1	90					1	1	1	1		
087813	PL.24838	A	Consumer	7.43Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	6.505	0.000	0	0	0	0		
		C		7.45Y	124.1	0.00	1.90	0.00	0	0	0	100					0	0	0	0		
087810	PL.15603	C	Consumer	7.45Y	124.1	0.00	1.89	0.61	0	4	2	89	0.00	0.0	6.415	0.000	4	2	1	1		
087809	PL.15603	A	Consumer	7.43Y	123.8	0.00	2.21	0.10	0	1	0	100	0.00	0.0	6.415	0.000	1	0	1	1		
087816	PL.15603	A	Consumer	7.43Y	123.8	0.00	2.21	0.67	0	4	2	89	0.00	0.0	6.415	0.000	4	2	1	1		
PL.14141	PL.15603	A	6ACWC	7.43Y	123.8	0.00	2.21	0.56	0	4	2	89	0.00	0.0	6.516	0.100	0	0	0	1		
		B		7.43Y	123.9	0.00	2.14	0.31	0	2	1	90					0	0	0	1		
		C		7.45Y	124.1	0.00	1.89	0.56	0	4	2	90					0	0	0	1		
PL.24840	PL.14141	A	6ACWC	7.43Y	123.8	0.00	2.21	0.56	0	4	2	89	0.00	0.0	6.548	0.032	0	0	0	1		
		B		7.43Y	123.9	0.00	2.14	0.31	0	2	1	90					0	0	0	1		
		C		7.45Y	124.1	0.00	1.89	0.56	0	4	2	90					0	0	0	1		
PL.24839	PL.24840	A	6ACWC	7.43Y	123.8	0.00	2.21	0.56	0	4	2	89	0.00	0.0	6.575	0.027	0	0	0	1		
		B		7.43Y	123.9	-0.00	2.14	0.00	0	0	0	100					0	0	0	0		
		C		7.45Y	124.1	0.00	1.89	0.56	0	4	2	90					0	0	0	1		
087806	PL.24839	A	Consumer	7.43Y	123.8	0.00	2.21	0.56	0	4	2	89	0.00	0.0	6.575	0.000	4	2	1	1		
		C		7.45Y	124.1	0.00	1.89	0.56	0	4	2	90					4	2	1	1		
087823	PL.24840	B	Consumer	7.43Y	123.9	0.00	2.14	0.31	0	2	1	89	0.00	0.0	6.548	0.000	2	1	1	1		
087805	PL.24840	B	Consumer	7.43Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	6.548	0.000	0	0	0	0		
PL.19649	PL.14145	A	6ACWC	7.42Y	123.6	0.20	2.41	25.67	13	189	25	99	0.92	0.2	6.567	0.205	0	0	0	4		
		B		7.42Y	123.6	0.22	2.35	26.99	14	198	31	99					0	0	0	6		
		C		7.44Y	123.9	0.20	2.08	25.50	13	188	25	99					0	0	0	0		
PL.19650	PL.19649	A	6ACWC	7.41Y	123.4	0.17	2.57	25.67	13	189	25	99	0.77	0.1	6.738	0.171	0	0	0	4		
		B		7.41Y	123.5	0.18	2.53	26.98	14	198	31	99					0	0	0	5		
		C		7.43Y	123.8	0.16	2.24	25.50	13	188	25	99					0	0	0	0		
PL.45920	PL.19650	A	1/0ACSR	7.40Y	123.4	0.02	2.60	25.67	8	189	25	99	0.10	0.0	6.794	0.056	0	0	0	4		
		B		7.41Y	123.4	0.03	2.56	26.98	8	198	30	99					0	0	0	5		
		C		7.42Y	123.7	0.02	2.26	25.50	8	188	25	99					0	0	0	0		
C PD.8687 C C	PL.45920	A	25L	7.40Y	123.4	0.00	2.60	25.67	103	188	25	99	0.00	0.0	6.794	0.000	0	0	0	4 C		
		B		7.41Y	123.4	0.00	2.56	26.98	108	198	30	99					0	0	0	5 C		
		C		7.42Y	123.7	0.00	2.26	25.50	102	188	25	99					0	0	0	0 C		

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.45921, PL.45918, PD.8686, etc.

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----					
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss			KW	KVAR	Cons On	Cons Thru		
P PL.43134	PD.8576-B	A	6ACWC	7.40Y	123.3	-0.00	2.71	-0.19	0	0	-1	0	0.00	0.0	7.542	0.063	0	0	0	0	P
P		B		7.40Y	123.3	-0.00	2.67	-0.15	0	0	-1	0					0	0	0	0	P
P		C		7.42Y	123.6	-0.00	2.37	-0.15	0	0	-1	0					0	0	0	0	P
P PL.14151	PL.43134	A	1/0EPRJCN	7.40Y	123.3	-0.00	2.71	-0.19	0	0	-1	0	0.00	0.0	7.626	0.084	0	0	0	0	P
P		B		7.40Y	123.3	-0.00	2.67	-0.15	0	0	-1	0					0	0	0	0	P
P		C		7.42Y	123.6	-0.00	2.37	-0.15	0	0	-1	0					0	0	0	0	P
P PL.14152	PL.14151	A	1/0EPRJCN	7.40Y	123.3	-0.00	2.71	-0.12	0	0	-1	0	0.00	0.0	7.702	0.076	0	0	0	0	P
P		B		7.40Y	123.3	-0.00	2.67	-0.09	0	0	-1	0					0	0	0	0	P
P		C		7.42Y	123.6	-0.00	2.37	-0.09	0	0	-1	0					0	0	0	0	P
P PL.14153	PL.14152	A	1/0EPRJCN	7.40Y	123.3	-0.00	2.71	-0.05	0	0	0	100	0.00	0.0	7.778	0.075	0	0	0	0	P
P		B		7.40Y	123.3	-0.00	2.67	-0.05	0	0	0	0					0	0	0	0	P
P		C		7.42Y	123.6	-0.00	2.37	-0.05	0	0	0	0					0	0	0	0	P
P PL.5261	PL.14152	A	1/0EPRJCN	7.40Y	123.3	-0.00	2.71	-0.03	0	0	0	100	0.00	0.0	7.743	0.041	0	0	0	0	P
P PL.5260	PL.14151	A	1/0EPRJCN	7.40Y	123.3	-0.00	2.71	-0.02	0	0	0	100	0.00	0.0	7.658	0.032	0	0	0	0	P
PL.5246	PL.43134	A	6ACWC	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.607	0.065	0	0	0	0	
		B		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0	
		C		7.42Y	123.6	0.00	2.37	0.00	0	0	0	100					0	0	0	0	
PL.20485	PL.5246	B	4ACSR	7.40Y	123.3	0.00	2.67	0.00	0	0	0	100	0.00	0.0	7.676	0.069	0	0	0	0	
PL.20486	PL.20485	B	4ACSR	7.40Y	123.3	0.00	2.67	0.00	0	0	0	100	0.00	0.0	7.726	0.050	0	0	0	0	
PL.25022	PL.5246	A	6ACWC	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.640	0.033	0	0	0	0	
		B		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0	
		C		7.42Y	123.6	0.00	2.37	0.00	0	0	0	100					0	0	0	0	
PL.15529	PL.25022	A	6ACWC	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.665	0.025	0	0	0	0	
		B		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0	
		C		7.42Y	123.6	0.00	2.37	0.00	0	0	0	100					0	0	0	0	
PD.1820	PL.15529	A	fuse6AMP	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.665	0.000	0	0	0	0	
		B		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0	
		C		7.42Y	123.6	0.00	2.37	0.00	0	0	0	100					0	0	0	0	
PL.15530	PD.1820	A	6ACWC	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.672	0.007	0	0	0	0	
		B		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0	
		C		7.42Y	123.6	0.00	2.37	0.00	0	0	0	100					0	0	0	0	
PL.5247	PL.15530	A	6ACWC	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.687	0.014	0	0	0	0	
		B		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0	
		C		7.42Y	123.6	0.00	2.37	0.00	0	0	0	100					0	0	0	0	
PL.43131	PL.14149	A	4ACSR	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.474	0.004	0	0	0	0	
		B		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0	
		C		7.42Y	123.6	0.00	2.37	0.00	0	0	0	100					0	0	0	0	
PL.43132	PL.43131	A	6ACWC	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.554	0.080	0	0	0	0	
		B		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0	
		C		7.42Y	123.6	0.00	2.37	0.00	0	0	0	100					0	0	0	0	
PL.43135	PL.43132	A	6ACWC	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.559	0.004	0	0	0	0	
		B		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0	
PD.8577-A	PL.43135	A	Closed	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.559	0.000	0	0	0	0	
		B		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0	
PD.8577-B	PD.8577-A	A	Closed	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.559	0.000	0	0	0	0	
		B		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0	
PL.43136	PD.8577-B	A	6ACWC	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.773	0.215	0	0	0	0	
		B		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0	
PL.24836	PL.43136	A	6ACWC	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	8.144	0.371	0	0	0	0	
		B		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0	
PL.5250	PL.14148	A	4ACSR	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.364	0.148	0	0	0	0	
		B		7.40Y	123.3	0.00	2.68	0.00	0	0	0	100					0	0	0	0	
		C		7.42Y	123.6	0.00	2.37	0.00	0	0	0	100					0	0	0	0	

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.5249	PL.5250	A	4ACSR	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.395	0.030	0	0	0	0
		B		7.40Y	123.3	0.00	2.68	0.00	0	0	0	100					0	0	0	0
		C		7.42Y	123.6	0.00	2.37	0.00	0	0	0	100					0	0	0	0
PL.24837	PL.14148	A	4ACSR	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.285	0.069	0	0	0	0
		B		7.40Y	123.3	0.00	2.68	0.00	0	0	0	100					0	0	0	0
PL.20779	PL.24837	A	4ACSR	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.294	0.009	0	0	0	0
		B		7.40Y	123.3	0.00	2.68	0.00	0	0	0	100					0	0	0	0
PL.20780	PL.20779	A	4ACSR	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.371	0.077	0	0	0	0
		B		7.40Y	123.3	0.00	2.68	0.00	0	0	0	100					0	0	0	0
PL.20744	PL.20780	A	4ACSR	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	7.413	0.042	0	0	0	0
		B		7.40Y	123.3	0.00	2.68	0.00	0	0	0	100					0	0	0	0
PL.5256	PL.20744	B	4ACSR	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	7.511	0.098	0	0	0	0
PL.5251	PL.20744	B	4ACSR	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	7.484	0.071	0	0	0	0
087917	PL.19649	B	Consumer	7.42Y	123.6	0.00	2.35	0.01	0	0	0	100	0.00	0.0	6.567	0.000	0	0	1	1
0878025	PL.14144	B	Consumer	7.44Y	123.9	0.00	2.05	0.05	0	0	0	100	0.00	0.0	6.278	0.000	0	0	0	1
087808	0878025	B	Consumer	7.44Y	123.9	0.00	2.05	0.05	0	0	0	100	0.00	0.0	6.278	0.000	0	0	1	1
087801	PL.14144	B	Consumer	7.44Y	123.9	0.00	2.05	0.00	0	0	0	100	0.00	0.0	6.278	0.000	0	0	0	0
PL.33151	PL.28638	A	4ACSR	7.46Y	124.3	0.00	1.70	0.37	0	2	1	89	0.00	0.0	5.934	0.007	0	0	0	2
PL.33152	PL.33151	A	4ACSR	7.46Y	124.3	0.00	1.70	0.37	0	2	1	89	0.00	0.0	5.977	0.043	0	0	0	2
599702	PL.33152	A	Consumer	7.46Y	124.3	0.00	1.70	0.07	0	0	0	100	0.00	0.0	5.977	0.000	0	0	1	1
PL.35063	PL.33152	A	2ACSR	7.46Y	124.3	0.00	1.70	0.30	0	2	1	89	0.00	0.0	5.992	0.015	0	0	0	1
0868012	PL.35063	A	Consumer	7.46Y	124.3	0.00	1.70	0.30	0	2	1	89	0.00	0.0	5.992	0.000	2	1	1	1
5996001	PL.14354	B	Consumer	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	5.846	0.000	0	0	0	0
PL.16254	PL.6851	C	4ACSR	7.49Y	124.8	0.00	1.23	0.44	0	3	2	83	0.00	0.0	5.792	0.007	0	0	0	1
PD.2877	PL.16254	C	fuse6AMP	7.49Y	124.8	0.00	1.23	0.44	7	3	2	83	0.00	0.0	5.792	0.000	0	0	0	1
PL.16255	PD.2877	C	4ACSR	7.49Y	124.8	0.00	1.23	0.44	0	3	2	83	0.00	0.0	5.845	0.053	0	0	0	1
598606	PL.16255	C	Consumer	7.49Y	124.8	0.00	1.23	0.44	0	3	2	83	0.00	0.0	5.845	0.000	3	2	1	1
598605	PL.6851	C	Consumer	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	5.785	0.000	0	0	1	1
598603	PL.6851	B	Consumer	7.47Y	124.5	0.00	1.52	1.51	0	10	5	89	0.00	0.0	5.785	0.000	10	5	1	1
597502	PL.6850	B	Consumer	7.48Y	124.7	0.00	1.32	0.12	0	1	0	100	0.00	0.0	5.647	0.000	1	0	1	1
598604	PL.6850	B	Consumer	7.48Y	124.7	0.00	1.32	0.47	0	3	2	83	0.00	0.0	5.647	0.000	3	2	1	1
596404	PL.20484	B	Consumer	7.50Y	124.9	0.00	1.06	0.30	0	2	1	89	0.00	0.0	5.468	0.000	2	1	1	1
596408	PL.20484	B	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	5.468	0.000	0	0	0	0
596409	PL.20484	B	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	5.468	0.000	0	0	1	1
596406	PL.20484	B	Consumer	7.50Y	124.9	0.00	1.06	0.20	0	1	1	71	0.00	0.0	5.468	0.000	1	1	1	1
PL.26861	PL.25091	B	4ACSR	7.50Y	125.0	0.00	0.96	0.82	0	5	3	86	0.00	0.0	5.414	0.009	0	0	0	5
PD.2879	PL.26861	B	fuse6AMP	7.50Y	125.0	0.00	0.96	0.82	14	5	3	86	0.00	0.0	5.414	0.000	0	0	0	5
PL.26862	PD.2879	B	4ACSR	7.50Y	125.0	0.00	0.96	0.82	0	5	3	86	0.00	0.0	5.464	0.050	0	0	0	5
597401	PL.26862	B	Consumer	7.50Y	125.0	0.00	0.96	0.43	0	3	2	83	0.00	0.0	5.464	0.000	3	2	1	1
PL.7567	PL.26862	B	4ACSR	7.50Y	125.0	0.00	0.96	0.39	0	3	1	95	0.00	0.0	5.518	0.055	0	0	0	4
597406	PL.7567	B	Consumer	7.50Y	125.0	0.00	0.96	0.14	0	1	1	71	0.00	0.0	5.518	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
5973001	PL.7567	B	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	5.518	0.000	0	0	1	1
PL.25020	PL.7567	B	4ACSR	7.50Y	125.0	0.00	0.97	0.25	0	2	1	89	0.00	0.0	5.565	0.047	0	0	0	2
597403	PL.25020	B	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	5.565	0.000	0	0	0	0
597402	PL.25020	B	Consumer	7.50Y	125.0	0.00	0.97	0.13	0	1	0	100	0.00	0.0	5.565	0.000	1	0	1	1
597405	PL.25020	B	Consumer	7.50Y	125.0	0.00	0.97	0.12	0	1	0	100	0.00	0.0	5.565	0.000	1	0	1	1
597404	PL.25020	B	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	5.565	0.000	0	0	0	0
596407	PL.25091	C	Consumer	7.51Y	125.2	0.00	0.82	0.38	0	3	1	95	0.00	0.0	5.405	0.000	3	1	1	1
596410	PL.25091	B	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	5.405	0.000	0	0	0	0
596405	PL.25091	C	Consumer	7.51Y	125.2	0.00	0.82	0.22	0	1	1	71	0.00	0.0	5.405	0.000	1	1	1	1
596411	PL.25091	A	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	5.405	0.000	0	0	0	0
PL.33149	PL.45914	A	4ACSR	7.50Y	125.0	0.00	0.96	2.75	1	18	10	87	0.00	0.0	5.337	0.012	0	0	0	2
PD.3968	PL.33149	A	fuse6AMP	7.50Y	125.0	0.00	0.96	2.75	47	18	10	87	0.00	0.0	5.337	0.000	0	0	0	2
PL.33150	PD.3968	A	4ACSR	7.50Y	125.0	0.00	0.96	2.75	1	18	10	87	0.00	0.0	5.345	0.008	0	0	0	2
PL.2891	PL.33150	A	4ACSR	7.50Y	125.0	0.00	0.96	1.16	1	8	4	89	0.00	0.0	5.411	0.066	0	0	0	1
596202	PL.2891	A	Consumer	7.50Y	125.0	0.00	0.96	1.16	0	8	4	89	0.00	0.0	5.411	0.000	8	4	1	1
PL.2893	PL.33150	A	4ACSR	7.50Y	125.0	0.00	0.96	1.59	1	10	6	86	0.00	0.0	5.389	0.045	0	0	0	1
596301	PL.2893	A	Consumer	7.50Y	125.0	0.00	0.96	1.59	0	10	6	86	0.00	0.0	5.389	0.000	10	6	1	1
595303	PL.45914	C	Consumer	7.52Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	5.325	0.000	0	0	0	0
595302	PL.45914	A	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	5.325	0.000	0	0	1	1
594208	PL.14282	B	Consumer	7.52Y	125.4	0.00	0.59	0.02	0	0	0	100	0.00	0.0	5.164	0.000	0	0	1	1
595201	PL.14282	B	Consumer	7.52Y	125.4	0.00	0.59	0.15	0	1	1	71	0.00	0.0	5.164	0.000	1	1	1	1
PL.26856	PL.14353	A	4ACSR	7.52Y	125.3	0.00	0.69	0.83	0	5	3	86	0.00	0.0	5.134	0.005	0	0	0	6
PD.2873	PL.26856	A	fuse6AMP	7.52Y	125.3	0.00	0.69	0.83	14	5	3	86	0.00	0.0	5.134	0.000	0	0	0	6
PL.26857	PD.2873	A	4ACSR	7.52Y	125.3	0.00	0.69	0.83	0	5	3	86	0.00	0.0	5.196	0.061	0	0	0	6
PL.6853	PL.26857	A	4ACSR	7.52Y	125.3	0.00	0.69	0.83	0	5	3	86	0.00	0.0	5.249	0.053	0	0	0	6
PL.7563	PL.6853	A	4ACSR	7.52Y	125.3	0.00	0.69	0.64	0	4	2	89	0.00	0.0	5.278	0.029	0	0	0	5
PL.3149	PL.7563	A	4ACSR	7.52Y	125.3	0.00	0.70	0.61	0	4	2	89	0.00	0.0	5.361	0.083	0	0	0	4
595101	PL.3149	A	Consumer	7.52Y	125.3	0.00	0.70	0.06	0	0	0	100	0.00	0.0	5.361	0.000	0	0	1	1
595103	PL.3149	A	Consumer	7.52Y	125.3	0.00	0.70	0.02	0	0	0	100	0.00	0.0	5.361	0.000	0	0	1	1
5951002	PL.3149	A	Consumer	7.52Y	125.3	0.00	0.70	0.53	0	3	2	83	0.00	0.0	5.361	0.000	3	2	1	1
5951004	PL.3149	A	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	5.361	0.000	0	0	0	0
PL.33991	PL.3149	A	2ACSR	7.52Y	125.3	-0.00	0.70	0.00	0	0	0	100	0.00	0.0	5.406	0.045	0	0	0	1
5952004	PL.33991	A	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	5.406	0.000	0	0	1	1
5941003	PL.7563	A	Consumer	7.52Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	5.278	0.000	0	0	0	0
594101	PL.7563	A	Consumer	7.52Y	125.3	0.00	0.69	0.02	0	0	0	100	0.00	0.0	5.278	0.000	0	0	1	1
594102	PL.6853	A	Consumer	7.52Y	125.3	0.00	0.69	0.20	0	1	1	71	0.00	0.0	5.249	0.000	1	1	1	1
PL.18848	PL.14030	A	4ACSR	7.54Y	125.6	0.00	0.37	1.96	1	13	7	88	0.00	0.0	4.945	0.013	0	0	0	2
PD.2876	PL.18848	A	fuse6AMP	7.54Y	125.6	0.00	0.37	1.96	34	13	7	88	0.00	0.0	4.945	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.18849	PD.2876	A	4ACSR	7.54Y	125.6	0.01	0.37	1.96	1	13	7	88	0.00	0.0	5.009	0.064	0	0	0	2
592208	PL.18849	A	Consumer	7.54Y	125.6	0.00	0.37	0.15	0	1	1	71	0.00	0.0	5.009	0.000	1	1	1	1
592210	PL.18849	A	Consumer	7.54Y	125.6	0.00	0.37	1.82	0	12	6	89	0.00	0.0	5.009	0.000	12	6	1	1
592207	PL.18849	A	Consumer	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	5.009	0.000	0	0	0	0
PL.211	PL.14030	A	6ACWC	7.54Y	125.6	0.04	0.41	14.67	8	97	54	87	0.09	0.0	5.011	0.079	0	0	0	30
		B		7.55Y	125.8	-0.00	0.25	2.30	1	15	9	85					0	0	0	0
		C		7.54Y	125.6	0.06	0.37	17.04	9	112	63	87					0	0	0	40
PL.43725	PL.211	A	2ACSR	7.54Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	5.042	0.032	0	0	0	0
		B		7.55Y	125.8	0.00	0.25	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.6	0.00	0.37	0.00	0	0	0	100					0	0	0	0
5923009	PL.43725	C	Consumer	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	5.042	0.000	0	0	0	0
5923010	5923009	C	Consumer	7.54Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	5.042	0.000	0	0	0	0
PL.2899	PL.211	A	2ACSR	7.54Y	125.6	0.00	0.41	2.30	1	15	9	86	0.00	0.0	5.038	0.028	0	0	0	0
		B		7.55Y	125.8	0.00	0.25	2.30	1	15	9	85					0	0	0	0
		C		7.54Y	125.6	0.00	0.37	2.30	1	15	9	85					0	0	0	0
592308	PL.2899	A	Consumer	7.54Y	125.6	0.00	0.41	2.30	0	15	9	86	0.00	0.0	5.038	0.000	15	9	0	0
		B		7.55Y	125.8	0.00	0.25	2.30	0	15	9	85					15	9	0	0
		C		7.54Y	125.6	0.00	0.37	2.30	0	15	9	85					15	9	0	0
PL.39059	PL.211	C	2ACSR	7.54Y	125.6	0.00	0.37	14.74	6	97	54	87	0.00	0.0	5.015	0.004	0	0	0	40
PD.6825-A	PL.39059	C	Closed	7.54Y	125.6	0.00	0.37	14.74	0	97	54	87	0.00	0.0	5.015	0.000	0	0	0	40
PD.6825-B	PD.6825-A	C	Closed	7.54Y	125.6	0.00	0.37	14.74	0	97	54	87	0.00	0.0	5.015	0.000	0	0	0	40
PL.39061	PD.6825-B	C	2ACSR	7.54Y	125.6	0.02	0.39	14.74	6	97	54	87	0.01	0.0	5.053	0.038	0	0	0	40
PD.6826	PL.39061	C	25E	7.54Y	125.6	0.00	0.39	14.74	59	97	54	87	0.00	0.0	5.053	0.000	0	0	0	40
PL.39062	PD.6826	C	2ACSR	7.54Y	125.6	0.01	0.40	14.74	6	97	54	87	0.01	0.0	5.068	0.015	0	0	0	40
592409	PL.39062	C	Consumer	7.54Y	125.6	0.00	0.40	0.08	0	1	0	100	0.00	0.0	5.068	0.000	1	0	1	1
592401	PL.39062	C	Consumer	7.54Y	125.6	0.00	0.40	0.12	0	1	0	100	0.00	0.0	5.068	0.000	1	0	1	1
PL.39058	PL.39062	C	2ACSR	7.53Y	125.6	0.02	0.42	14.54	6	96	53	88	0.01	0.0	5.106	0.038	0	0	0	38
PL.39056	PL.39058	C	2ACSR	7.53Y	125.5	0.04	0.46	14.25	6	94	52	88	0.03	0.0	5.186	0.079	0	0	0	37
592507	PL.39056	C	Consumer	7.53Y	125.5	0.00	0.46	0.34	0	2	1	89	0.00	0.0	5.186	0.000	2	1	1	1
592502	PL.39056	C	Consumer	7.53Y	125.5	0.00	0.46	0.15	0	1	0	100	0.00	0.0	5.186	0.000	1	0	1	1
592508	PL.39056	C	Consumer	7.53Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	5.186	0.000	0	0	0	0
592504	PL.39056	C	Consumer	7.53Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	5.186	0.000	0	0	0	0
592509	PL.39056	C	Consumer	7.53Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	5.186	0.000	0	0	0	0
PL.39054	PL.39056	C	2ACSR	7.52Y	125.3	0.23	0.69	13.77	5	91	50	88	0.15	0.2	5.667	0.481	0	0	0	35
PD.6827-A	PL.39054	C	Closed	7.52Y	125.3	0.00	0.69	13.77	0	90	50	87	0.00	0.0	5.667	0.000	0	0	0	35
PD.6827-B	PD.6827-A	C	Closed	7.52Y	125.3	0.00	0.69	13.77	0	90	50	87	0.00	0.0	5.667	0.000	0	0	0	35
PL.39052	PD.6827-B	C	4ACSR	7.51Y	125.2	0.16	0.84	13.77	7	90	50	87	0.11	0.1	5.912	0.245	0	0	0	35
PL.14040	PL.39052	C	4ACSR	7.50Y	125.1	0.10	0.94	13.77	7	90	50	87	0.07	0.1	6.063	0.152	0	0	0	35
PL.33147	PL.14040	C	4ACSR	7.50Y	125.1	0.00	0.94	0.26	0	2	1	89	0.00	0.0	6.072	0.009	0	0	0	1
PD.3967	PL.33147	C	fuse6AMP	7.50Y	125.1	0.00	0.94	0.26	4	2	1	89	0.00	0.0	6.072	0.000	0	0	0	1
PL.33148	PD.3967	C	4ACSR	7.50Y	125.1	0.00	0.94	0.26	0	2	1	89	0.00	0.0	6.129	0.057	0	0	0	1
086913	PL.33148	C	Consumer	7.50Y	125.1	0.00	0.94	0.26	0	2	1	89	0.00	0.0	6.129	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.14041	PL.14040	C	4ACSR	7.47Y	124.5	0.53	1.47	13.51	7	89	49	88	0.37	0.4	6.906	0.843	0	0	0	34
PL.40405	PL.14041	C	2ACSR	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	6.963	0.057	0	0	0	0
0869022	PL.40405	C	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	6.963	0.000	0	0	0	0
PL.43129	PL.14041	C	2ACSR	7.47Y	124.5	0.03	1.50	13.51	5	88	49	87	0.02	0.0	6.963	0.056	0	0	0	34
PD.8575-A	PL.43129	C	Closed	7.47Y	124.5	0.00	1.50	13.51	0	88	49	87	0.00	0.0	6.963	0.000	0	0	0	34
PD.8575-B	PD.8575-A	C	Closed	7.47Y	124.5	0.00	1.50	13.51	0	88	49	87	0.00	0.0	6.963	0.000	0	0	0	34
PL.43130	PD.8575-B	C	2ACSR	7.47Y	124.5	0.02	1.52	13.51	5	88	49	87	0.01	0.0	7.006	0.043	0	0	0	34
PL.40404	PL.43130	C	2ACSR	7.46Y	124.4	0.08	1.59	12.09	5	79	44	87	0.04	0.1	7.195	0.189	0	0	0	33
PL.40402	PL.40404	C	4ACSR	7.46Y	124.3	0.07	1.66	12.09	6	79	44	87	0.04	0.1	7.317	0.122	0	0	0	33
PL.14043	PL.40402	C	4ACSR	7.46Y	124.3	0.04	1.70	10.10	5	66	37	87	0.02	0.0	7.399	0.081	0	0	0	29
PL.33960	PL.14043	C	4ACSR	7.46Y	124.3	0.02	1.72	10.10	5	66	37	87	0.01	0.0	7.443	0.045	0	0	0	29
0869020	PL.33960	C	Consumer	7.46Y	124.3	0.00	1.72	0.28	0	2	1	89	0.00	0.0	7.443	0.000	2	1	1	1
PL.33961	PL.33960	C	4ACSR	7.46Y	124.3	0.01	1.73	9.82	5	64	36	87	0.00	0.0	7.462	0.019	0	0	0	28
PL.8335	PL.33961	C	4ACSR	7.46Y	124.3	0.02	1.75	9.82	5	64	36	87	0.01	0.0	7.501	0.039	0	0	0	28
086916	PL.8335	C	Consumer	7.46Y	124.3	0.00	1.75	0.31	0	2	1	89	0.00	0.0	7.501	0.000	2	1	1	1
PL.8336	PL.8335	C	4ACSR	7.45Y	124.2	0.01	1.76	9.50	5	62	34	88	0.01	0.0	7.532	0.031	0	0	0	27
096216	PL.8336	C	Consumer	7.45Y	124.2	0.00	1.76	0.10	0	1	0	100	0.00	0.0	7.532	0.000	1	0	1	1
096238	PL.8336	C	Consumer	7.45Y	124.2	0.00	1.76	0.57	0	4	2	89	0.00	0.0	7.532	0.000	4	2	1	1
PL.20152	PL.8336	C	4ACSR	7.45Y	124.2	0.02	1.78	8.84	5	58	32	88	0.01	0.0	7.582	0.050	0	0	0	25
PL.20153	PL.20152	C	4ACSR	7.45Y	124.2	0.02	1.80	8.58	4	56	31	87	0.01	0.0	7.635	0.052	0	0	0	24
PL.19178	PL.20153	C	4ACSR	7.45Y	124.1	0.07	1.87	6.84	4	45	24	88	0.02	0.1	7.841	0.206	0	0	0	21
096221	PL.19178	C	Consumer	7.45Y	124.1	0.00	1.87	0.59	0	4	2	89	0.00	0.0	7.841	0.000	4	2	1	1
PL.19179	PL.19178	C	4ACSR	7.45Y	124.1	0.02	1.89	6.24	3	41	22	88	0.01	0.0	7.923	0.083	0	0	0	20
PL.14044	PL.19179	C	4ACSR	7.45Y	124.1	0.01	1.90	4.82	2	32	17	88	0.00	0.0	7.970	0.047	0	0	0	16
096203	PL.14044	C	Consumer	7.45Y	124.1	0.00	1.90	0.00	0	0	0	100	0.00	0.0	7.970	0.000	0	0	1	1
PL.14045	PL.14044	C	4ACSR	7.45Y	124.1	0.01	1.91	4.81	2	32	17	88	0.00	0.0	7.996	0.026	0	0	0	15
PL.14046	PL.14045	C	4ACSR	7.44Y	124.1	0.01	1.92	4.81	2	32	17	88	0.00	0.0	8.040	0.044	0	0	0	15
PL.14047	PL.14046	C	4ACSR	7.44Y	124.1	0.01	1.93	4.10	2	27	14	89	0.00	0.0	8.100	0.060	0	0	0	13
PL.14048	PL.14047	C	4ACSR	7.44Y	124.1	0.00	1.93	3.97	2	26	14	88	0.00	0.0	8.111	0.011	0	0	0	12
PL.19228	PL.14048	C	4ACSR	7.44Y	124.1	0.00	1.93	0.96	0	6	4	83	0.00	0.0	8.162	0.051	0	0	0	8
096205	PL.19228	C	Consumer	7.44Y	124.1	0.00	1.93	0.14	0	1	1	71	0.00	0.0	8.162	0.000	1	1	1	1
096230	PL.19228	C	Consumer	7.44Y	124.1	0.00	1.93	0.00	0	0	0	100	0.00	0.0	8.162	0.000	0	0	0	0
096229	PL.19228	C	Consumer	7.44Y	124.1	0.00	1.93	0.14	0	1	1	71	0.00	0.0	8.162	0.000	1	1	1	1
PL.19229	PL.19228	C	4ACSR	7.44Y	124.1	0.00	1.94	0.68	0	4	3	80	0.00	0.0	8.255	0.092	0	0	0	6
096215	PL.19229	C	Consumer	7.44Y	124.1	0.00	1.94	0.25	0	2	1	89	0.00	0.0	8.255	0.000	2	1	1	1
PL.19651	PL.19229	C	4ACSR	7.44Y	124.1	0.00	1.94	0.43	0	3	2	83	0.00	0.0	8.373	0.118	0	0	0	5
PL.19652	PL.19651	C	4ACSR	7.44Y	124.1	0.00	1.94	0.40	0	3	1	95	0.00	0.0	8.436	0.063	0	0	0	4
PL.5326	PL.19652	C	4ACSR	7.44Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	8.466	0.030	0	0	0	0

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
096235	PL.19652	C	Consumer	7.44Y	124.1	0.00	1.94	0.01	0	0	0	100	0.00	0.0	8.436	0.000	0	0	1	1
095201	PL.19652	C	Consumer	7.44Y	124.1	0.00	1.94	0.05	0	0	0	100	0.00	0.0	8.436	0.000	0	0	1	1
096220	PL.19652	C	Consumer	7.44Y	124.1	0.00	1.94	0.03	0	0	0	100	0.00	0.0	8.436	0.000	0	0	1	1
096218	PL.19652	C	Consumer	7.44Y	124.1	0.00	1.94	0.32	0	2	1	89	0.00	0.0	8.436	0.000	2	1	1	1
0962046	PL.19651	C	Consumer	7.44Y	124.1	0.00	1.94	0.03	0	0	0	100	0.00	0.0	8.373	0.000	0	0	1	1
PL.35689	PL.14048	C	4ACSR	7.44Y	124.1	0.00	1.93	3.01	2	20	10	89	0.00	0.0	8.117	0.006	0	0	0	4
PD.5258	PL.35689	C	fuse6AMP	7.44Y	124.1	0.00	1.93	3.01	51	20	10	89	0.00	0.0	8.117	0.000	0	0	0	4
PL.35690	PD.5258	C	4ACSR	7.44Y	124.1	0.01	1.95	3.01	2	20	10	89	0.00	0.0	8.201	0.084	0	0	0	4
096204	PL.35690	C	Consumer	7.44Y	124.1	0.00	1.95	0.55	0	4	2	89	0.00	0.0	8.201	0.000	4	2	1	1
096219	PL.35690	C	Consumer	7.44Y	124.1	0.00	1.95	0.13	0	1	0	100	0.00	0.0	8.201	0.000	1	0	1	1
PL.5323	PL.35690	C	4ACSR	7.44Y	124.0	0.01	1.95	2.33	1	16	8	89	0.00	0.0	8.257	0.056	0	0	0	2
PL.5324	PL.5323	C	4ACSR	7.44Y	124.0	0.01	1.96	2.33	1	16	8	89	0.00	0.0	8.336	0.079	0	0	0	2
PL.5327	PL.5324	C	4ACSR	7.44Y	124.0	0.00	1.96	0.08	0	1	0	100	0.00	0.0	8.374	0.038	0	0	0	1
096243	PL.5327	C	Consumer	7.44Y	124.0	0.00	1.96	0.08	0	1	0	100	0.00	0.0	8.374	0.000	1	0	1	1
096233	PL.5324	C	Consumer	7.44Y	124.0	0.00	1.96	2.25	0	15	7	91	0.00	0.0	8.336	0.000	15	7	1	1
096237	PL.14047	C	Consumer	7.44Y	124.1	0.00	1.93	0.13	0	1	0	100	0.00	0.0	8.100	0.000	1	0	1	1
PL.35687	PL.14046	C	4ACSR	7.44Y	124.1	0.00	1.92	0.72	0	5	3	86	0.00	0.0	8.050	0.010	0	0	0	2
PD.5257	PL.35687	C	fuse6AMP	7.44Y	124.1	0.00	1.92	0.72	12	5	3	86	0.00	0.0	8.050	0.000	0	0	0	2
PL.35688	PD.5257	C	4ACSR	7.44Y	124.1	0.00	1.92	0.72	0	5	3	86	0.00	0.0	8.083	0.033	0	0	0	2
096227	PL.35688	C	Consumer	7.44Y	124.1	0.00	1.92	0.24	0	2	1	89	0.00	0.0	8.083	0.000	2	1	1	1
096228	PL.35688	C	Consumer	7.44Y	124.1	0.00	1.92	0.47	0	3	2	83	0.00	0.0	8.083	0.000	3	2	1	1
PL.35683	PL.19179	C	4ACSR	7.45Y	124.1	0.00	1.89	1.27	1	8	5	85	0.00	0.0	7.936	0.013	0	0	0	3
PD.5255	PL.35683	C	fuse6AMP	7.45Y	124.1	0.00	1.89	1.27	22	8	5	85	0.00	0.0	7.936	0.000	0	0	0	3
PL.35684	PD.5255	C	4ACSR	7.45Y	124.1	0.00	1.90	1.27	1	8	5	85	0.00	0.0	7.990	0.055	0	0	0	3
096244	PL.35684	C	Consumer	7.45Y	124.1	0.00	1.90	0.07	0	0	0	100	0.00	0.0	7.990	0.000	0	0	1	1
096208	PL.35684	C	Consumer	7.45Y	124.1	0.00	1.90	0.66	0	4	2	89	0.00	0.0	7.990	0.000	4	2	1	1
096239	PL.35684	C	Consumer	7.45Y	124.1	0.00	1.90	0.00	0	0	0	100	0.00	0.0	7.990	0.000	0	0	0	0
096217	PL.35684	C	Consumer	7.45Y	124.1	0.00	1.90	0.54	0	3	2	83	0.00	0.0	7.990	0.000	3	2	1	1
096201	PL.19179	C	Consumer	7.45Y	124.1	0.00	1.89	0.16	0	1	1	71	0.00	0.0	7.923	0.000	1	1	1	1
PL.35681	PL.20153	C	4ACSR	7.45Y	124.2	0.00	1.80	1.75	1	11	7	84	0.00	0.0	7.642	0.007	0	0	0	3
PD.5254	PL.35681	C	fuse6AMP	7.45Y	124.2	0.00	1.80	1.75	30	11	7	84	0.00	0.0	7.642	0.000	0	0	0	3
PL.35682	PD.5254	C	4ACSR	7.45Y	124.2	0.00	1.81	1.75	1	11	7	84	0.00	0.0	7.677	0.035	0	0	0	3
PL.19571	PL.35682	C	4ACSR	7.45Y	124.2	0.00	1.81	0.89	0	6	3	89	0.00	0.0	7.704	0.028	0	0	0	2
096242	PL.19571	C	Consumer	7.45Y	124.2	0.00	1.81	0.17	0	1	1	71	0.00	0.0	7.704	0.000	1	1	1	1
096224	PL.19571	C	Consumer	7.45Y	124.2	0.00	1.81	0.71	0	5	3	86	0.00	0.0	7.704	0.000	5	3	1	1
096241	PL.19571	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	7.704	0.000	0	0	0	0
096225	PL.19571	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	7.704	0.000	0	0	0	0
096223	PL.35682	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	7.677	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
096234	PL.35682	C	Consumer	7.45Y	124.2	0.00	1.81	0.86	0	6	3	89	0.00	0.0	7.677	0.000	6	3	1	1
096222	PL.20152	C	Consumer	7.45Y	124.2	0.00	1.78	0.25	0	2	1	89	0.00	0.0	7.582	0.000	2	1	1	1
PL.35679	PL.40402	C	4ACSR	7.46Y	124.3	0.00	1.66	1.30	1	9	4	91	0.00	0.0	7.336	0.019	0	0	0	2
PD.5253	PL.35679	C	fuse6AMP	7.46Y	124.3	0.00	1.66	1.30	22	9	4	91	0.00	0.0	7.336	0.000	0	0	0	2
PL.35680	PD.5253	C	4ACSR	7.46Y	124.3	0.00	1.67	1.30	1	9	4	91	0.00	0.0	7.366	0.030	0	0	0	2
086919	PL.35680	C	Consumer	7.46Y	124.3	0.00	1.67	0.52	0	3	2	83	0.00	0.0	7.366	0.000	3	2	1	1
PL.25274	PL.35680	C	4ACSR	7.46Y	124.3	0.00	1.67	0.78	0	5	3	86	0.00	0.0	7.367	0.000	0	0	0	1
PL.5238	PL.25274	C	4ACSR	7.46Y	124.3	0.00	1.67	0.78	0	5	3	86	0.00	0.0	7.435	0.068	0	0	0	1
086918	PL.5238	C	Consumer	7.46Y	124.3	0.00	1.67	0.78	0	5	3	86	0.00	0.0	7.435	0.000	5	3	1	1
086917	PL.40402	C	Consumer	7.46Y	124.3	0.00	1.66	0.54	0	3	2	83	0.00	0.0	7.317	0.000	3	2	1	1
086910	PL.40402	C	Consumer	7.46Y	124.3	0.00	1.66	0.16	0	1	1	71	0.00	0.0	7.317	0.000	1	1	1	1
086914	PL.43130	C	Consumer	7.47Y	124.5	0.00	1.52	1.42	0	9	5	87	0.00	0.0	7.006	0.000	9	5	1	1
592408	PL.39058	C	Consumer	7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	5.106	0.000	0	0	0	0
592405	PL.39058	C	Consumer	7.53Y	125.6	0.00	0.42	0.29	0	2	1	89	0.00	0.0	5.106	0.000	2	1	1	1
PL.26854	PL.211	A	4ACSR	7.54Y	125.6	0.00	0.41	12.37	6	82	44	88	0.00	0.0	5.018	0.007	0	0	0	30
PD.6889	PL.26854	A	25L	7.54Y	125.6	0.00	0.41	12.37	49	82	44	88	0.00	0.0	5.018	0.000	0	0	0	30
PL.26855	PD.6889	A	4ACSR	7.53Y	125.5	0.06	0.47	12.37	6	82	44	88	0.04	0.0	5.114	0.096	0	0	0	30
PL.7564	PL.26855	A	4ACSR	7.53Y	125.5	0.01	0.48	5.31	3	36	18	89	0.00	0.0	5.166	0.052	0	0	0	5
591303	PL.7564	A	Consumer	7.53Y	125.5	0.00	0.48	4.48	0	30	15	89	0.00	0.0	5.166	0.000	30	15	1	1
PL.39141	PL.7564	A	4ACSR	7.53Y	125.5	0.00	0.48	0.83	0	5	3	86	0.00	0.0	5.196	0.030	0	0	0	4
591302	PL.39141	A	Consumer	7.53Y	125.5	0.00	0.48	0.28	0	2	1	89	0.00	0.0	5.196	0.000	2	1	1	1
5913005	PL.39141	A	Consumer	7.53Y	125.5	0.00	0.48	0.08	0	1	0	100	0.00	0.0	5.196	0.000	1	0	1	1
PL.39142	PL.39141	A	4ACSR	7.53Y	125.5	0.00	0.48	0.46	0	3	2	83	0.00	0.0	5.209	0.013	0	0	0	2
PL.6852	PL.39142	A	4ACSR	7.53Y	125.5	0.00	0.48	0.46	0	3	2	83	0.00	0.0	5.228	0.019	0	0	0	2
590201	PL.6852	A	Consumer	7.53Y	125.5	0.00	0.48	0.26	0	2	1	89	0.00	0.0	5.228	0.000	2	1	1	1
590202	PL.6852	A	Consumer	7.53Y	125.5	0.00	0.48	0.20	0	1	1	71	0.00	0.0	5.228	0.000	1	1	1	1
PL.14031	PL.26855	A	4ACSR	7.53Y	125.5	0.05	0.51	6.63	3	43	25	86	0.02	0.0	5.268	0.154	0	0	0	23
590405	PL.14031	A	Consumer	7.53Y	125.5	0.00	0.51	0.57	0	4	2	89	0.00	0.0	5.268	0.000	4	2	1	1
590408	PL.14031	A	Consumer	7.53Y	125.5	0.00	0.51	0.22	0	1	1	71	0.00	0.0	5.268	0.000	1	1	1	1
PL.14032	PL.14031	A	4ACSR	7.53Y	125.5	0.02	0.53	5.84	3	38	22	87	0.00	0.0	5.326	0.058	0	0	0	21
PL.14033	PL.14032	A	4ACSR	7.53Y	125.5	0.01	0.54	5.78	3	38	22	87	0.00	0.0	5.380	0.055	0	0	0	19
PL.14036	PL.14033	A	4ACSR	7.53Y	125.4	0.01	0.56	5.78	3	38	22	87	0.00	0.0	5.427	0.047	0	0	0	19
PL.25271	PL.14036	A	4ACSR	7.53Y	125.4	0.00	0.56	1.38	1	9	5	87	0.00	0.0	5.452	0.024	0	0	0	4
PL.25272	PL.25271	A	4ACSR	7.53Y	125.4	0.00	0.56	0.76	0	5	3	86	0.00	0.0	5.490	0.038	0	0	0	2
PL.14038	PL.25272	A	4ACSR	7.53Y	125.4	0.00	0.56	0.76	0	5	3	86	0.00	0.0	5.503	0.013	0	0	0	2
PL.2901	PL.14038	A	4ACSR	7.53Y	125.4	0.00	0.56	0.62	0	4	2	89	0.00	0.0	5.541	0.038	0	0	0	1
085815	PL.2901	A	Consumer	7.53Y	125.4	0.00	0.56	0.62	0	4	2	89	0.00	0.0	5.541	0.000	4	2	1	1
PL.14039	PL.14038	A	4ACSR	7.53Y	125.4	0.00	0.56	0.15	0	1	1	71	0.00	0.0	5.602	0.099	0	0	0	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
590501	PL.14039	A	Consumer	7.53Y	125.4	0.00	0.56	0.15	0	1	1	71	0.00	0.0	5.602	0.000	1	1	1	1
085813	PL.25271	A	Consumer	7.53Y	125.4	0.00	0.56	0.30	0	2	1	89	0.00	0.0	5.452	0.000	2	1	1	1
085812	PL.25271	A	Consumer	7.53Y	125.4	0.00	0.56	0.32	0	2	1	89	0.00	0.0	5.452	0.000	2	1	1	1
PL.14037	PL.14036	A	4ACSR	7.53Y	125.4	0.01	0.57	4.25	2	28	16	87	0.00	0.0	5.477	0.049	0	0	0	14
085808	PL.14037	A	Consumer	7.53Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	5.477	0.000	0	0	0	0
085809	PL.14037	A	Consumer	7.53Y	125.4	0.00	0.57	0.13	0	1	0	100	0.00	0.0	5.477	0.000	1	0	1	1
590410	PL.14037	A	Consumer	7.53Y	125.4	0.00	0.57	0.70	0	5	3	86	0.00	0.0	5.477	0.000	5	3	1	1
085814	PL.14037	A	Consumer	7.53Y	125.4	0.00	0.57	0.47	0	3	2	83	0.00	0.0	5.477	0.000	3	2	1	1
085807	PL.14037	A	Consumer	7.53Y	125.4	0.00	0.57	0.41	0	3	2	83	0.00	0.0	5.477	0.000	3	2	1	1
PL.25270	PL.14037	A	4ACSR	7.53Y	125.4	0.00	0.57	2.54	1	17	10	86	0.00	0.0	5.506	0.030	0	0	0	10
PL.7566	PL.25270	A	4ACSR	7.53Y	125.4	0.00	0.57	2.54	1	17	10	86	0.00	0.0	5.535	0.029	0	0	0	10
PL.14034	PL.7566	A	4ACSR	7.53Y	125.4	0.00	0.58	2.14	1	14	8	87	0.00	0.0	5.585	0.050	0	0	0	8
PL.14035	PL.14034	A	4ACSR	7.53Y	125.4	0.00	0.58	1.43	1	9	5	87	0.00	0.0	5.615	0.030	0	0	0	5
PL.19311	PL.14035	A	4ACSR	7.53Y	125.4	0.00	0.58	1.43	1	9	5	87	0.00	0.0	5.635	0.020	0	0	0	5
PL.27938	PL.19311	A	4ACSR	7.53Y	125.4	0.00	0.58	1.09	1	7	4	87	0.00	0.0	5.653	0.018	0	0	0	4
PL.20481	PL.27938	A	4ACSR	7.52Y	125.4	0.00	0.58	1.09	1	7	4	87	0.00	0.0	5.688	0.035	0	0	0	4
PL.20482	PL.20481	A	4ACSR	7.52Y	125.4	0.00	0.59	0.54	0	4	2	89	0.00	0.0	5.717	0.030	0	0	0	2
590302	PL.20482	A	Consumer	7.52Y	125.4	0.00	0.59	0.28	0	2	1	89	0.00	0.0	5.717	0.000	2	1	1	1
590303	PL.20482	A	Consumer	7.52Y	125.4	0.00	0.59	0.26	0	2	1	89	0.00	0.0	5.717	0.000	2	1	1	1
590304	PL.20481	A	Consumer	7.52Y	125.4	0.00	0.58	0.10	0	1	0	100	0.00	0.0	5.688	0.000	1	0	1	1
590301	PL.20481	A	Consumer	7.52Y	125.4	0.00	0.58	0.45	0	3	2	83	0.00	0.0	5.688	0.000	3	2	1	1
085810	PL.19311	A	Consumer	7.53Y	125.4	0.00	0.58	0.34	0	2	1	89	0.00	0.0	5.635	0.000	2	1	1	1
590403	PL.14034	A	Consumer	7.53Y	125.4	0.00	0.58	0.39	0	3	1	95	0.00	0.0	5.585	0.000	3	1	1	1
590401	PL.14034	A	Consumer	7.53Y	125.4	0.00	0.58	0.11	0	1	0	100	0.00	0.0	5.585	0.000	1	0	1	1
590411	PL.14034	A	Consumer	7.53Y	125.4	0.00	0.58	0.21	0	1	1	71	0.00	0.0	5.585	0.000	1	1	1	1
590409	PL.7566	A	Consumer	7.53Y	125.4	0.00	0.57	0.31	0	2	1	89	0.00	0.0	5.535	0.000	2	1	1	1
590402	PL.7566	A	Consumer	7.53Y	125.4	0.00	0.57	0.09	0	1	0	100	0.00	0.0	5.535	0.000	1	0	1	1
085811	PL.14036	A	Consumer	7.53Y	125.4	0.00	0.56	0.15	0	1	1	71	0.00	0.0	5.427	0.000	1	1	1	1
590407	PL.14032	A	Consumer	7.53Y	125.5	0.00	0.53	0.01	0	0	0	100	0.00	0.0	5.326	0.000	0	0	1	1
590404	PL.14032	A	Consumer	7.53Y	125.5	0.00	0.53	0.05	0	0	0	100	0.00	0.0	5.326	0.000	0	0	1	1
591301	PL.26855	A	Consumer	7.53Y	125.5	0.00	0.47	0.24	0	2	1	89	0.00	0.0	5.114	0.000	2	1	1	1
591304	PL.26855	A	Consumer	7.53Y	125.5	0.00	0.47	0.21	0	1	1	71	0.00	0.0	5.114	0.000	1	1	1	1
592301	PL.14030	C	Consumer	7.54Y	125.7	0.00	0.31	0.16	0	1	1	71	0.00	0.0	4.932	0.000	1	1	1	1
PL.2900	PL.14029	B	4ACSR	7.55Y	125.9	0.00	0.12	0.39	0	3	1	95	0.00	0.0	4.870	0.019	0	0	0	1
591202	PL.2900	B	Consumer	7.55Y	125.9	0.00	0.12	0.39	0	3	1	95	0.00	0.0	4.870	0.000	3	1	1	1
590101	PL.25097	B	Consumer	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	4.665	0.000	0	0	0	0
085805	PL.14028	B	Consumer	7.36Y	122.6	0.00	3.40	0.05	0	0	0	100	0.00	0.0	4.586	0.000	0	0	1	1
PL.26852	PL.14026	B	4ACSR	7.37Y	122.8	0.00	3.18	0.15	0	1	1	71	0.00	0.0	4.463	0.011	0	0	0	2

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PD.2053	PL.26852	B	fuse6AMP	7.37Y	122.8	0.00	3.18	0.15	2	1	1	71	0.00	0.0	4.463	0.000	0	0	0	2
PL.26853	PD.2053	B	4ACSR	7.37Y	122.8	0.00	3.18	0.15	0	1	1	71	0.00	0.0	4.573	0.110	0	0	0	2
085714	PL.26853	B	Consumer	7.37Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0	4.573	0.000	0	0	1	1
085705	PL.26853	B	Consumer	7.37Y	122.8	0.00	3.18	0.14	0	1	1	71	0.00	0.0	4.573	0.000	1	1	1	1
568501	PL.7515	A	Consumer	7.40Y	123.3	0.00	2.70	0.03	0	0	0	100	0.00	0.0	3.257	0.000	0	0	1	1
567501	PL.7515	B	Consumer	7.40Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	3.257	0.000	0	0	0	0
567503	PL.7515	B	Consumer	7.40Y	123.3	0.00	2.73	0.35	0	2	1	89	0.00	0.0	3.257	0.000	2	1	1	1
568401	PL.26609	B	Consumer	7.40Y	123.3	0.00	2.72	0.08	0	1	0	100	0.00	0.0	3.223	0.000	1	0	1	1
567403	PL.26609	B	Consumer	7.40Y	123.3	0.00	2.72	0.24	0	2	1	89	0.00	0.0	3.223	0.000	2	1	1	1
567504	PL.26609	B	Consumer	7.40Y	123.3	0.00	2.72	0.10	0	1	0	100	0.00	0.0	3.223	0.000	1	0	1	1
568402	PL.26609	B	Consumer	7.40Y	123.3	0.00	2.72	0.00	0	0	0	100	0.00	0.0	3.223	0.000	0	0	0	0
PL.20403	PL.8343	C	4ACSR	7.39Y	123.2	0.00	2.80	15.78	8	101	58	87	0.00	0.0	3.097	0.005	0	0	0	58
PD.3719	PL.20403	C	35V4E	7.39Y	123.2	0.00	2.80	15.78	45	101	58	87	0.00	0.0	3.097	0.000	0	0	0	58
PL.20404	PD.3719	C	4ACSR	7.39Y	123.1	0.11	2.91	15.78	8	101	58	87	0.09	0.1	3.242	0.145	0	0	0	58
PL.20058	PL.20404	C	4ACSR	7.38Y	123.0	0.05	2.96	15.58	8	100	57	87	0.04	0.0	3.318	0.075	0	0	0	57
566601	PL.20058	C	Consumer	7.38Y	123.0	0.00	2.96	0.16	0	1	1	71	0.00	0.0	3.318	0.000	1	1	1	1
566602	PL.20058	C	Consumer	7.38Y	123.0	0.00	2.96	0.48	0	3	2	83	0.00	0.0	3.318	0.000	3	2	1	1
566603	PL.20058	C	Consumer	7.38Y	123.0	0.00	2.96	0.13	0	1	0	100	0.00	0.0	3.318	0.000	1	0	1	1
567601	PL.20058	C	Consumer	7.38Y	123.0	0.00	2.96	0.22	0	1	1	71	0.00	0.0	3.318	0.000	1	1	1	1
567607	PL.20058	C	Consumer	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	3.318	0.000	0	0	0	0
PL.26610	PL.20058	C	4ACSR	7.38Y	123.0	0.04	3.00	14.58	8	94	53	87	0.03	0.0	3.371	0.053	0	0	0	53
PL.39788	PL.26610	C	4ACSR	7.38Y	123.0	0.02	3.02	13.06	7	84	48	87	0.02	0.0	3.411	0.040	0	0	0	46
PL.39790	PL.39788	C	2ACSR	7.38Y	123.0	0.00	3.02	0.27	0	2	1	89	0.00	0.0	3.416	0.005	0	0	0	1
PD.7104	PL.39790	C	fuse6AMP	7.38Y	123.0	0.00	3.02	0.27	5	2	1	89	0.00	0.0	3.416	0.000	0	0	0	1
PL.39791	PD.7104	C	2ACSR	7.38Y	123.0	0.00	3.02	0.27	0	2	1	89	0.00	0.0	3.545	0.129	0	0	0	1
5667001	PL.39791	C	Consumer	7.38Y	123.0	0.00	3.02	0.27	0	2	1	89	0.00	0.0	3.545	0.000	2	1	1	1
PL.39789	PL.39788	C	4ACSR	7.38Y	123.0	0.02	3.04	12.80	7	82	47	87	0.01	0.0	3.438	0.027	0	0	0	45
PL.7511	PL.39789	C	4ACSR	7.38Y	123.0	0.00	3.04	12.18	6	78	45	87	0.00	0.0	3.444	0.005	0	0	0	41
PL.7512	PL.7511	C	4ACSR	7.38Y	122.9	0.03	3.07	8.82	5	57	32	87	0.01	0.0	3.519	0.076	0	0	0	36
567712	PL.7512	C	Consumer	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	1	1
567708	PL.7512	C	Consumer	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	0	0
567703	PL.7512	C	Consumer	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	0	0
567716	PL.7512	C	Consumer	7.38Y	122.9	0.00	3.07	0.62	0	4	2	89	0.00	0.0	3.519	0.000	4	2	1	1
567709	PL.7512	C	Consumer	7.38Y	122.9	0.00	3.07	0.23	0	1	1	71	0.00	0.0	3.519	0.000	1	1	1	1
567719	PL.7512	C	Consumer	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	0	0
567707	PL.7512	C	Consumer	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	3.519	0.000	0	0	0	0
567711	PL.7512	C	Consumer	7.38Y	122.9	0.00	3.07	0.42	0	3	1	95	0.00	0.0	3.519	0.000	3	1	1	1
567721	PL.7512	C	Consumer	7.38Y	122.9	0.00	3.07	0.66	0	4	2	89	0.00	0.0	3.519	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.7517	PL.7512	C	4ACSR	7.37Y	122.9	0.02	3.09	6.90	4	44	25	87	0.01	0.0	3.580	0.061	0	0	0	31
PL.7518	PL.7517	C	4ACSR	7.37Y	122.9	0.04	3.13	6.18	3	40	23	87	0.01	0.0	3.728	0.148	0	0	0	27
567905	PL.7518	C	Consumer	7.37Y	122.9	0.00	3.13	0.00	0	0	0	100	0.00	0.0	3.728	0.000	0	0	0	0
567907	PL.7518	C	Consumer	7.37Y	122.9	0.00	3.13	0.18	0	1	1	71	0.00	0.0	3.728	0.000	1	1	1	1
567908	PL.7518	C	Consumer	7.37Y	122.9	0.00	3.13	0.08	0	0	0	100	0.00	0.0	3.728	0.000	0	0	1	1
PL.7513	PL.7518	C	4ACSR	7.37Y	122.8	0.05	3.19	5.93	3	38	22	87	0.02	0.0	3.916	0.188	0	0	0	25
PL.18207	PL.7513	C	4ACSR	7.37Y	122.8	0.00	3.19	4.33	2	28	16	87	0.00	0.0	3.927	0.011	0	0	0	20
PD.28-A	PL.18207	C	Closed	7.37Y	122.8	0.00	3.19	4.33	0	28	16	87	0.00	0.0	3.927	0.000	0	0	0	20
PD.28-B	PD.28-A	C	Closed	7.37Y	122.8	0.00	3.19	4.33	0	28	16	87	0.00	0.0	3.927	0.000	0	0	0	20
PL.18208	PD.28-B	C	4ACSR	7.37Y	122.8	0.00	3.19	4.33	2	28	16	87	0.00	0.0	3.944	0.017	0	0	0	20
084802	PL.18208	C	Consumer	7.37Y	122.8	0.00	3.19	0.32	0	2	1	89	0.00	0.0	3.944	0.000	2	1	1	1
084846	PL.18208	C	Consumer	7.37Y	122.8	0.00	3.19	0.17	0	1	1	71	0.00	0.0	3.944	0.000	1	1	1	1
PL.8313	PL.18208	C	4ACSR	7.37Y	122.8	0.02	3.21	3.84	2	24	14	86	0.00	0.0	4.047	0.103	0	0	0	18
PL.19874	PL.8313	C	4ACSR	7.37Y	122.8	0.03	3.24	3.84	2	24	14	86	0.01	0.0	4.225	0.178	0	0	0	18
PL.19875	PL.19874	C	4ACSR	7.37Y	122.8	0.00	3.25	3.83	2	24	14	86	0.00	0.0	4.249	0.024	0	0	0	17
PL.26613	PL.19875	C	4ACSR	7.36Y	122.7	0.00	3.25	3.57	2	23	13	87	0.00	0.0	4.270	0.021	0	0	0	16
PL.19643	PL.26613	C	4ACSR	7.36Y	122.7	0.01	3.26	3.37	2	21	12	87	0.00	0.0	4.365	0.095	0	0	0	15
PL.19644	PL.19643	C	4ACSR	7.36Y	122.7	0.00	3.27	3.37	2	21	12	87	0.00	0.0	4.391	0.027	0	0	0	15
PL.26614	PL.19644	C	4ACSR	7.36Y	122.7	0.01	3.28	3.37	2	21	12	87	0.00	0.0	4.473	0.081	0	0	0	15
PL.26615	PL.26614	C	4ACSR	7.36Y	122.7	0.02	3.30	3.15	2	20	12	86	0.00	0.0	4.597	0.124	0	0	0	14
PL.26616	PL.26615	C	4ACSR	7.36Y	122.7	0.00	3.30	3.15	2	20	12	86	0.00	0.0	4.619	0.023	0	0	0	14
PL.26617	PL.26616	C	4ACSR	7.36Y	122.7	0.01	3.31	3.15	2	20	12	86	0.00	0.0	4.688	0.069	0	0	0	13
084806	PL.26617	C	Consumer	7.36Y	122.7	0.00	3.31	0.17	0	1	1	71	0.00	0.0	4.688	0.000	1	1	1	1
084821	PL.26617	C	Consumer	7.36Y	122.7	0.00	3.31	0.23	0	1	1	71	0.00	0.0	4.688	0.000	1	1	1	1
084844	PL.26617	C	Consumer	7.36Y	122.7	0.00	3.31	0.07	0	0	0	100	0.00	0.0	4.688	0.000	0	0	1	1
084832	PL.26617	C	Consumer	7.36Y	122.7	0.00	3.31	0.38	0	2	1	89	0.00	0.0	4.688	0.000	2	1	1	1
084823	PL.26617	C	Consumer	7.36Y	122.7	0.00	3.31	0.00	0	0	0	100	0.00	0.0	4.688	0.000	0	0	0	0
PL.8310	PL.26617	C	4ACSR	7.36Y	122.7	0.01	3.32	2.30	1	15	8	88	0.00	0.0	4.773	0.085	0	0	0	9
084852	PL.8310	C	Consumer	7.36Y	122.7	0.00	3.32	0.09	0	1	0	100	0.00	0.0	4.773	0.000	1	0	1	1
084833	PL.8310	C	Consumer	7.36Y	122.7	0.00	3.32	0.17	0	1	1	71	0.00	0.0	4.773	0.000	1	1	1	1
084840	PL.8310	C	Consumer	7.36Y	122.7	0.00	3.32	0.18	0	1	1	71	0.00	0.0	4.773	0.000	1	1	1	1
084838	PL.8310	C	Consumer	7.36Y	122.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	4.773	0.000	0	0	0	0
PL.39664	PL.8310	C	4ACSR	7.36Y	122.7	0.00	3.32	1.86	1	12	7	86	0.00	0.0	4.794	0.021	0	0	0	6
PL.39665	PL.39664	C	4ACSR	7.36Y	122.7	0.01	3.33	1.85	1	12	7	86	0.00	0.0	4.863	0.069	0	0	0	5
084847	PL.39665	C	Consumer	7.36Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	4.863	0.000	0	0	0	0
084845	PL.39665	C	Consumer	7.36Y	122.7	0.00	3.33	0.84	0	5	3	86	0.00	0.0	4.863	0.000	5	3	1	1
084839	PL.39665	C	Consumer	7.36Y	122.7	0.00	3.33	0.09	0	1	0	100	0.00	0.0	4.863	0.000	1	0	1	1
084828	PL.39665	C	Consumer	7.36Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	4.863	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.26619	PL.39665	C	4ACSR	7.36Y	122.7	0.00	3.33	0.32	0	2	1	89	0.00	0.0	4.962	0.099	0	0	0	2
084829	PL.26619	C	Consumer	7.36Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	4.962	0.000	0	0	0	0
084848	PL.26619	C	Consumer	7.36Y	122.7	0.00	3.33	0.14	0	1	1	71	0.00	0.0	4.962	0.000	1	1	1	1
084842	PL.26619	C	Consumer	7.36Y	122.7	0.00	3.33	0.18	0	1	1	71	0.00	0.0	4.962	0.000	1	1	1	1
PL.38676	PL.39665	C	4ACSR	7.36Y	122.7	0.00	3.33	0.60	0	4	2	89	0.00	0.0	4.872	0.009	0	0	0	1
PL.38677	PL.38676	C	4ACSR	7.36Y	122.7	0.00	3.33	0.60	0	4	2	89	0.00	0.0	4.912	0.041	0	0	0	1
PL.24477	PL.38677	C	4ACSR	7.36Y	122.7	0.00	3.33	0.60	0	4	2	89	0.00	0.0	4.967	0.055	0	0	0	1
PL.24478	PL.24477	C	4ACSR	7.36Y	122.7	0.00	3.33	0.60	0	4	2	89	0.00	0.0	5.033	0.066	0	0	0	1
084849	PL.24478	C	Consumer	7.36Y	122.7	0.00	3.33	0.60	0	4	2	89	0.00	0.0	5.033	0.000	4	2	1	1
084824	PL.38677	C	Consumer	7.36Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	4.912	0.000	0	0	0	0
PL.39663	PL.39664	C	2ACSR	7.36Y	122.7	0.00	3.32	0.01	0	0	0	100	0.00	0.0	4.949	0.154	0	0	0	1
0848054	PL.39663	C	Consumer	7.36Y	122.7	0.00	3.32	0.01	0	0	0	100	0.00	0.0	4.949	0.000	0	0	1	1
PL.38671	PL.26616	C	4ACSR	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	4.624	0.005	0	0	0	1
PD.7059	PL.38671	C	fuse6AMP	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	4.624	0.000	0	0	0	1
PL.38674	PD.7059	C	4ACSR	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	4.627	0.002	0	0	0	1
PL.38675	PL.38674	C	4ACSR	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	4.654	0.027	0	0	0	0
PL.38673	PL.38674	C	4ACSR	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	4.658	0.031	0	0	0	1
084835	PL.38673	C	Consumer	7.36Y	122.7	0.00	3.30	0.00	0	0	0	100	0.00	0.0	4.658	0.000	0	0	1	1
PL.38669	PL.26614	C	4ACSR	7.36Y	122.7	0.00	3.28	0.22	0	1	1	71	0.00	0.0	4.478	0.005	0	0	0	1
PD.7058	PL.38669	C	fuse6AMP	7.36Y	122.7	0.00	3.28	0.22	4	1	1	71	0.00	0.0	4.478	0.000	0	0	0	1
PL.38670	PD.7058	C	4ACSR	7.36Y	122.7	0.00	3.28	0.22	0	1	1	71	0.00	0.0	4.504	0.026	0	0	0	1
084814	PL.38670	C	Consumer	7.36Y	122.7	0.00	3.28	0.22	0	1	1	71	0.00	0.0	4.504	0.000	1	1	1	1
084819	PL.26613	C	Consumer	7.36Y	122.7	0.00	3.25	0.21	0	1	1	71	0.00	0.0	4.270	0.000	1	1	1	1
PL.38667	PL.19875	C	4ACSR	7.37Y	122.8	0.00	3.25	0.26	0	2	1	89	0.00	0.0	4.255	0.006	0	0	0	1
PD.7057	PL.38667	C	fuse6AMP	7.37Y	122.8	0.00	3.25	0.26	4	2	1	89	0.00	0.0	4.255	0.000	0	0	0	1
PL.38668	PD.7057	C	4ACSR	7.37Y	122.8	0.00	3.25	0.26	0	2	1	89	0.00	0.0	4.317	0.062	0	0	0	1
085804	PL.38668	C	Consumer	7.37Y	122.8	0.00	3.25	0.26	0	2	1	89	0.00	0.0	4.317	0.000	2	1	1	1
084831	PL.19874	C	Consumer	7.37Y	122.8	0.00	3.24	0.01	0	0	0	100	0.00	0.0	4.225	0.000	0	0	1	1
PL.18210	PL.7513	C	4ACSR	7.37Y	122.8	0.00	3.19	1.60	1	10	6	86	0.00	0.0	3.932	0.016	0	0	0	5
PD.1165	PL.18210	C	fuse6AMP	7.37Y	122.8	0.00	3.19	1.60	27	10	6	86	0.00	0.0	3.932	0.000	0	0	0	5
PL.18209	PD.1165	C	4ACSR	7.37Y	122.8	0.00	3.19	1.60	1	10	6	86	0.00	0.0	3.973	0.041	0	0	0	5
PL.40448	PL.18209	C	4ACSR	7.37Y	122.8	0.00	3.19	1.22	1	8	4	89	0.00	0.0	3.989	0.016	0	0	0	4
568003	PL.40448	C	Consumer	7.37Y	122.8	0.00	3.19	0.00	0	0	0	100	0.00	0.0	3.989	0.000	0	0	0	0
568005	PL.40448	C	Consumer	7.37Y	122.8	0.00	3.19	0.35	0	2	1	89	0.00	0.0	3.989	0.000	2	1	1	1
PL.26612	PL.40448	C	4ACSR	7.37Y	122.8	0.00	3.19	0.88	0	6	3	89	0.00	0.0	4.019	0.030	0	0	0	3
PL.3557	PL.26612	C	4ACSR	7.37Y	122.8	0.00	3.19	0.39	0	2	1	89	0.00	0.0	4.035	0.016	0	0	0	2
568007	PL.3557	C	Consumer	7.37Y	122.8	0.00	3.19	0.30	0	2	1	89	0.00	0.0	4.035	0.000	2	1	1	1
568006	PL.3557	C	Consumer	7.37Y	122.8	0.00	3.19	0.09	0	1	0	100	0.00	0.0	4.035	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru %	Thru KW	% PF	kW Loss	% Loss	KW			KVAR				
PL.5066	PL.26612	C	4ACSR	7.37Y	122.8	0.00	3.20	0.48	0	3	2	83	0.00	0.0	4.178	0.159	0	0	0	1
PL.5068	PL.5066	C	4ACSR	7.37Y	122.8	0.00	3.20	0.48	0	3	2	83	0.00	0.0	4.233	0.055	0	0	0	1
PL.24474	PL.5068	C	4ACSR	7.37Y	122.8	0.00	3.20	0.48	0	3	2	83	0.00	0.0	4.293	0.060	0	0	0	1
084837	PL.24474	C	Consumer	7.37Y	122.8	0.00	3.20	0.00	0	0	0	100	0.00	0.0	4.293	0.000	0	0	0	0
PL.8314	PL.24474	C	4ACSR	7.37Y	122.8	0.00	3.20	0.48	0	3	2	83	0.00	0.0	4.368	0.075	0	0	0	1
084850	PL.8314	C	Consumer	7.37Y	122.8	0.00	3.20	0.00	0	0	0	100	0.00	0.0	4.368	0.000	0	0	0	0
PL.8315	PL.8314	C	4ACSR	7.37Y	122.8	0.00	3.20	0.48	0	3	2	83	0.00	0.0	4.464	0.096	0	0	0	1
PL.8316	PL.8315	C	4ACSR	7.37Y	122.8	0.00	3.21	0.48	0	3	2	83	0.00	0.0	4.604	0.140	0	0	0	1
PL.24480	PL.8316	C	4ACSR	7.37Y	122.8	0.00	3.21	0.48	0	3	2	83	0.00	0.0	4.679	0.075	0	0	0	1
084851	PL.24480	C	Consumer	7.37Y	122.8	0.00	3.21	0.48	0	3	2	83	0.00	0.0	4.679	0.000	3	2	1	1
084853	PL.8315	C	Consumer	7.37Y	122.8	0.00	3.20	0.00	0	0	0	100	0.00	0.0	4.464	0.000	0	0	0	0
084812	PL.5066	C	Consumer	7.37Y	122.8	0.00	3.20	0.00	0	0	0	100	0.00	0.0	4.178	0.000	0	0	0	0
PL.24479	PL.5066	C	4ACSR	7.37Y	122.8	0.00	3.20	0.00	0	0	0	100	0.00	0.0	4.304	0.126	0	0	0	0
PL.40446	PL.18209	C	2ACSR	7.37Y	122.8	0.00	3.19	0.37	0	2	1	89	0.00	0.0	4.024	0.051	0	0	0	1
5680008	PL.40446	C	Consumer	7.37Y	122.8	0.00	3.19	0.37	0	2	1	89	0.00	0.0	4.024	0.000	2	1	1	1
566803	PL.7517	C	Consumer	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	3.580	0.000	0	0	0	0
567802	PL.7517	C	Consumer	7.37Y	122.9	0.00	3.09	0.24	0	2	1	89	0.00	0.0	3.580	0.000	2	1	1	1
567901	PL.7517	C	Consumer	7.37Y	122.9	0.00	3.09	0.06	0	0	0	100	0.00	0.0	3.580	0.000	0	0	1	1
566801	PL.7517	C	Consumer	7.37Y	122.9	0.00	3.09	0.31	0	2	1	89	0.00	0.0	3.580	0.000	2	1	1	1
567804	PL.7517	C	Consumer	7.37Y	122.9	0.00	3.09	0.11	0	1	0	100	0.00	0.0	3.580	0.000	1	0	1	1
567805	PL.7517	C	Consumer	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	3.580	0.000	0	0	0	0
PL.3558	PL.7511	C	4ACSR	7.38Y	122.9	0.01	3.05	3.36	2	21	12	87	0.00	0.0	3.513	0.070	0	0	0	5
PL.33775	PL.3558	C	2ACSR	7.38Y	122.9	0.00	3.05	1.04	0	7	4	87	0.00	0.0	3.549	0.035	0	0	0	1
5687010	PL.33775	C	Consumer	7.38Y	122.9	0.00	3.05	1.04	0	7	4	87	0.00	0.0	3.549	0.000	7	4	1	1
568707	PL.3558	C	Consumer	7.38Y	122.9	0.00	3.05	0.00	0	0	0	100	0.00	0.0	3.513	0.000	0	0	0	0
568705	PL.3558	C	Consumer	7.38Y	122.9	0.00	3.05	0.26	0	2	1	89	0.00	0.0	3.513	0.000	2	1	1	1
568704	PL.3558	C	Consumer	7.38Y	122.9	0.00	3.05	0.00	0	0	0	100	0.00	0.0	3.513	0.000	0	0	0	0
568708	PL.3558	C	Consumer	7.38Y	122.9	0.00	3.05	0.67	0	4	2	89	0.00	0.0	3.513	0.000	4	2	1	1
568706	PL.3558	C	Consumer	7.38Y	122.9	0.00	3.05	0.00	0	0	0	100	0.00	0.0	3.513	0.000	0	0	0	0
PL.3544	PL.3558	C	4ACSR	7.38Y	122.9	0.00	3.06	1.39	1	9	5	87	0.00	0.0	3.585	0.072	0	0	0	2
568801	PL.3544	C	Consumer	7.38Y	122.9	0.00	3.06	0.61	0	4	2	89	0.00	0.0	3.585	0.000	4	2	1	1
568709	PL.3544	C	Consumer	7.38Y	122.9	0.00	3.06	0.78	0	5	3	86	0.00	0.0	3.585	0.000	5	3	1	1
567714	PL.39789	C	Consumer	7.38Y	123.0	0.00	3.04	0.00	0	0	0	100	0.00	0.0	3.438	0.000	0	0	0	0
567720	PL.39789	C	Consumer	7.38Y	123.0	0.00	3.04	0.37	0	2	1	89	0.00	0.0	3.438	0.000	2	1	1	1
567717	PL.39789	C	Consumer	7.38Y	123.0	0.00	3.04	0.04	0	0	0	100	0.00	0.0	3.438	0.000	0	0	1	1
567718	PL.39789	C	Consumer	7.38Y	123.0	0.00	3.04	0.10	0	1	0	100	0.00	0.0	3.438	0.000	1	0	1	1
567701	PL.39789	C	Consumer	7.38Y	123.0	0.00	3.04	0.00	0	0	0	100	0.00	0.0	3.438	0.000	0	0	0	0
567702	PL.39789	C	Consumer	7.38Y	123.0	0.00	3.04	0.10	0	1	0	100	0.00	0.0	3.438	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
567605	PL.26610	C	Consumer	7.38Y	123.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	3.371	0.000	0	0	0	0
567611	PL.26610	C	Consumer	7.38Y	123.0	0.00	3.00	0.31	0	2	1	89	0.00	0.0	3.371	0.000	2	1	1	1
567603	PL.26610	C	Consumer	7.38Y	123.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	3.371	0.000	0	0	0	0
PL.38665	PL.26610	C	4ACSR	7.38Y	123.0	0.00	3.00	1.20	1	8	4	89	0.00	0.0	3.378	0.007	0	0	0	6
PD.7056	PL.38665	C	fuse6AMP	7.38Y	123.0	0.00	3.00	1.20	21	8	4	89	0.00	0.0	3.378	0.000	0	0	0	6
PL.38666	PD.7056	C	4ACSR	7.38Y	123.0	0.00	3.00	1.20	1	8	4	89	0.00	0.0	3.439	0.061	0	0	0	6
568609	PL.38666	C	Consumer	7.38Y	123.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	3.439	0.000	0	0	0	0
567610	PL.38666	C	Consumer	7.38Y	123.0	0.00	3.00	0.19	0	1	1	71	0.00	0.0	3.439	0.000	1	1	1	1
567612	PL.38666	C	Consumer	7.38Y	123.0	0.00	3.00	0.01	0	0	0	100	0.00	0.0	3.439	0.000	0	0	1	1
568606	PL.38666	C	Consumer	7.38Y	123.0	0.00	3.00	0.30	0	2	1	89	0.00	0.0	3.439	0.000	2	1	1	1
568607	PL.38666	C	Consumer	7.38Y	123.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	3.439	0.000	0	0	0	0
568608	PL.38666	C	Consumer	7.38Y	123.0	0.00	3.00	0.51	0	3	2	83	0.00	0.0	3.439	0.000	3	2	1	1
568610	PL.38666	C	Consumer	7.38Y	123.0	0.00	3.00	0.16	0	1	1	71	0.00	0.0	3.439	0.000	1	1	1	1
567602	PL.38666	C	Consumer	7.38Y	123.0	0.00	3.00	0.03	0	0	0	100	0.00	0.0	3.439	0.000	0	0	1	1
567502	PL.20404	C	Consumer	7.39Y	123.1	0.00	2.91	0.20	0	1	1	71	0.00	0.0	3.242	0.000	1	1	1	1
565403	PL.20607	A	Consumer	7.41Y	123.5	0.00	2.46	0.57	0	4	2	89	0.00	0.0	2.971	0.000	4	2	0	0
		B		7.41Y	123.4	0.00	2.56	0.57	0	4	2	90					4	2	0	0
		C		7.40Y	123.4	0.00	2.64	0.57	0	4	2	90					4	2	0	0
565402	PL.26607	B	Consumer	7.41Y	123.5	0.00	2.51	0.03	0	0	0	100	0.00	0.0	2.909	0.000	0	0	1	1
PL.15986	PL.26607	B	4ACSR	7.41Y	123.5	0.00	2.51	1.78	1	11	7	84	0.00	0.0	2.914	0.005	0	0	0	5
PD.2831	PL.15986	B	fuse6AMP	7.41Y	123.5	0.00	2.51	1.78	30	11	7	84	0.00	0.0	2.914	0.000	0	0	0	5
PL.15987	PD.2831	B	4ACSR	7.41Y	123.5	0.01	2.52	1.78	1	11	7	84	0.00	0.0	3.010	0.097	0	0	0	5
PL.3550	PL.15987	B	4ACSR	7.41Y	123.5	0.00	2.52	1.78	1	11	7	84	0.00	0.0	3.052	0.042	0	0	0	5
PL.15984	PL.3550	B	4ACSR	7.41Y	123.5	0.00	2.52	0.16	0	1	1	71	0.00	0.0	3.056	0.003	0	0	0	1
PD.192-A	PL.15984	B	Closed	7.41Y	123.5	0.00	2.52	0.16	0	1	1	71	0.00	0.0	3.056	0.000	0	0	0	1
PD.192-B	PD.192-A	B	Closed	7.41Y	123.5	0.00	2.52	0.16	0	1	1	71	0.00	0.0	3.056	0.000	0	0	0	1
PL.15985	PD.192-B	B	4ACSR	7.41Y	123.5	0.00	2.52	0.16	0	1	1	71	0.00	0.0	3.076	0.020	0	0	0	1
564401	PL.15985	B	Consumer	7.41Y	123.5	0.00	2.52	0.16	0	1	1	71	0.00	0.0	3.076	0.000	1	1	1	1
PL.3549	PL.3550	B	4ACSR	7.41Y	123.5	0.01	2.53	1.62	1	10	6	86	0.00	0.0	3.149	0.097	0	0	0	4
PL.3554	PL.3549	B	4ACSR	7.41Y	123.5	0.00	2.54	1.14	1	7	4	87	0.00	0.0	3.227	0.077	0	0	0	2
563402	PL.3554	B	Consumer	7.41Y	123.5	0.00	2.54	0.61	0	4	2	89	0.00	0.0	3.227	0.000	4	2	1	1
PL.3553	PL.3554	B	4ACSR	7.41Y	123.5	0.00	2.54	0.52	0	3	2	83	0.00	0.0	3.277	0.050	0	0	0	1
PL.3555	PL.3553	B	4ACSR	7.41Y	123.5	0.00	2.54	0.52	0	3	2	83	0.00	0.0	3.293	0.016	0	0	0	1
562401	PL.3555	B	Consumer	7.41Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	3.293	0.000	0	0	0	0
PL.3551	PL.3555	B	4ACSR	7.41Y	123.5	0.00	2.54	0.52	0	3	2	83	0.00	0.0	3.459	0.166	0	0	0	1
561202	PL.3551	B	Consumer	7.41Y	123.5	0.00	2.54	0.52	0	3	2	83	0.00	0.0	3.459	0.000	3	2	1	1
PL.3552	PL.3549	B	4ACSR	7.41Y	123.5	0.00	2.53	0.48	0	3	2	83	0.00	0.0	3.206	0.057	0	0	0	2
563401	PL.3552	B	Consumer	7.41Y	123.5	0.00	2.53	0.23	0	2	1	89	0.00	0.0	3.206	0.000	2	1	1	1
563403	PL.3552	B	Consumer	7.41Y	123.5	0.00	2.53	0.25	0	2	1	89	0.00	0.0	3.206	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.16361	PL.26606	B	4ACSR	7.41Y	123.5	0.00	2.50	0.53	0	3	2	83	0.00	0.0	2.893	0.004	0	0	0	1
PD.2834	PL.16361	B	fuse6AMP	7.41Y	123.5	0.00	2.50	0.53	9	3	2	83	0.00	0.0	2.893	0.000	0	0	0	1
PL.16150	PD.2834	B	4ACSR	7.41Y	123.5	0.00	2.50	0.53	0	3	2	83	0.00	0.0	2.953	0.060	0	0	0	1
PL.3548	PL.16150	B	4ACSR	7.41Y	123.5	0.00	2.50	0.53	0	3	2	83	0.00	0.0	3.027	0.074	0	0	0	1
PL.3547	PL.3548	B	4ACSR	7.41Y	123.5	0.00	2.50	0.53	0	3	2	83	0.00	0.0	3.091	0.064	0	0	0	1
564201	PL.3547	B	Consumer	7.41Y	123.5	0.00	2.50	0.53	0	3	2	83	0.00	0.0	3.091	0.000	3	2	1	1
562201	PL.19767	B	Consumer	7.43Y	123.8	0.00	2.22	0.26	0	2	1	89	0.00	0.0	2.572	0.000	2	1	1	1
562202	PL.19767	B	Consumer	7.43Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	2.572	0.000	0	0	0	0
PL.399	PL.8308	B	4ACSR	7.44Y	123.9	0.04	2.06	15.71	8	103	55	88	0.03	0.0	2.396	0.050	0	0	0	59
PL.18725	PL.399	B	4ACSR	7.44Y	123.9	0.00	2.06	15.71	8	103	55	88	0.00	0.0	2.402	0.006	0	0	0	59
PD.3445	PL.18725	B	25V4E	7.44Y	123.9	0.00	2.06	15.71	63	103	55	88	0.00	0.0	2.402	0.000	0	0	0	59
PL.18726	PD.3445	B	4ACSR	7.43Y	123.9	0.03	2.08	15.71	8	103	55	88	0.02	0.0	2.437	0.035	0	0	0	59
PL.26590	PL.18726	B	4ACSR	7.43Y	123.9	0.05	2.13	15.71	8	103	55	88	0.04	0.0	2.503	0.066	0	0	0	59
C PD.3819	PL.26590	B	fuse6AMP	7.43Y	123.9	0.00	2.13	15.71	268	103	55	88	0.00	0.0	2.503	0.000	0	0	0	59 C
PL.26599	PD.3819	B	4ACSR	7.43Y	123.8	0.04	2.18	15.58	8	102	55	88	0.04	0.0	2.565	0.062	0	0	0	58
PL.26600	PL.26599	B	4ACSR	7.43Y	123.8	0.02	2.20	14.37	7	94	50	88	0.01	0.0	2.591	0.026	0	0	0	53
083628	PL.26600	B	Consumer	7.43Y	123.8	0.00	2.20	0.44	0	3	2	83	0.00	0.0	2.591	0.000	3	2	1	1
PL.8309	PL.26600	B	4ACSR	7.43Y	123.8	0.02	2.22	13.92	7	91	49	88	0.02	0.0	2.629	0.037	0	0	0	52
083624	PL.8309	B	Consumer	7.43Y	123.8	0.00	2.22	0.44	0	3	2	83	0.00	0.0	2.629	0.000	3	2	1	1
083615	PL.8309	B	Consumer	7.43Y	123.8	0.00	2.22	0.25	0	2	1	89	0.00	0.0	2.629	0.000	2	1	1	1
PL.8306	PL.8309	B	4ACSR	7.42Y	123.7	0.10	2.32	13.24	7	87	46	88	0.07	0.1	2.793	0.164	0	0	0	50
PL.8307	PL.8306	B	4ACSR	7.42Y	123.6	0.03	2.35	13.08	7	86	46	88	0.02	0.0	2.847	0.054	0	0	0	49
PD.25-A	PL.8307	B	Closed	7.42Y	123.6	0.00	2.35	13.08	0	86	46	88	0.00	0.0	2.847	0.000	0	0	0	49
PD.25-B	PD.25-A	B	Closed	7.42Y	123.6	0.00	2.35	13.08	0	86	46	88	0.00	0.0	2.847	0.000	0	0	0	49
PL.40322	PD.25-B	B	4ACSR	7.42Y	123.6	0.03	2.39	13.08	7	86	46	88	0.02	0.0	2.899	0.053	0	0	0	49
PL.40321	PL.40322	B	4ACSR	7.41Y	123.6	0.05	2.43	12.93	7	85	45	88	0.03	0.0	2.980	0.080	0	0	0	48
C PD.3820	PL.40321	B	fuse6AMP	7.41Y	123.6	0.00	2.43	12.93	221	85	45	88	0.00	0.0	2.980	0.000	0	0	0	48 C
PL.26592	PD.3820	B	4ACSR	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	2.995	0.016	0	0	0	0
PL.5051	PL.26592	B	4ACSR	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	3.025	0.030	0	0	0	0
083725	PL.5051	B	Consumer	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	3.025	0.000	0	0	0	0
083723	PL.5051	B	Consumer	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	3.025	0.000	0	0	0	0
PL.26591	PD.3820	B	4ACSR	7.41Y	123.6	0.01	2.45	12.93	7	85	45	88	0.01	0.0	3.003	0.023	0	0	0	48
PL.5053	PL.26591	B	4ACSR	7.41Y	123.5	0.04	2.49	12.93	7	85	45	88	0.03	0.0	3.070	0.067	0	0	0	48
0837034	PL.5053	B	Consumer	7.41Y	123.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	3.070	0.000	0	0	0	0
PL.5052	PL.5053	B	4ACSR	7.41Y	123.5	0.03	2.52	12.93	7	85	45	88	0.02	0.0	3.119	0.048	0	0	0	48
PL.26593	PL.5052	B	4ACSR	7.41Y	123.5	0.02	2.54	10.94	6	72	38	88	0.01	0.0	3.156	0.038	0	0	0	43
PL.27744	PL.26593	B	4ACSR	7.40Y	123.4	0.06	2.59	10.79	6	71	37	89	0.03	0.0	3.269	0.113	0	0	0	42
C PD.1164	PL.27744	B	fuse6AMP	7.40Y	123.4	0.00	2.59	10.79	184	71	37	89	0.00	0.0	3.269	0.000	0	0	0	42 C

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts						mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss							% Loss	
PL.27743	PD.1164	B	4ACSR	7.40Y	123.4	0.01	2.60	10.79	6	71	37	89	0.00	0.0	3.283	0.013	0	0	0	42
PL.5056	PL.27743	B	4ACSR	7.40Y	123.4	0.00	2.60	0.22	0	1	1	71	0.00	0.0	3.412	0.129	0	0	0	2
083731	PL.5056	B	Consumer	7.40Y	123.4	0.00	2.60	0.18	0	1	1	71	0.00	0.0	3.412	0.000	1	1	1	1
083721	PL.5056	B	Consumer	7.40Y	123.4	0.00	2.60	0.05	0	0	0	100	0.00	0.0	3.412	0.000	0	0	1	1
PL.26604	PL.27743	B	4ACSR	7.40Y	123.3	0.08	2.68	10.57	5	69	36	89	0.04	0.1	3.441	0.158	0	0	0	40
C PD.3821	PL.26604	B	fuse6AMP	7.40Y	123.3	0.00	2.68	10.57	181	69	36	89	0.00	0.0	3.441	0.000	0	0	0	40 C
PL.26603	PD.3821	B	4ACSR	7.39Y	123.2	0.13	2.80	10.55	5	69	36	89	0.07	0.1	3.700	0.259	0	0	0	39
PL.26589	PL.26603	B	4ACSR	7.39Y	123.2	0.01	2.82	10.55	5	69	36	89	0.01	0.0	3.725	0.025	0	0	0	39
PD.21-B	PL.26589	B	Closed	7.39Y	123.2	0.00	2.82	10.55	0	69	36	89	0.00	0.0	3.725	0.000	0	0	0	39
PD.21-A	PD.21-B	B	Closed	7.39Y	123.2	0.00	2.82	10.55	0	69	36	89	0.00	0.0	3.725	0.000	0	0	0	39
PL.26588	PD.21-A	B	4ACSR	7.39Y	123.1	0.04	2.85	10.55	5	69	36	89	0.02	0.0	3.800	0.075	0	0	0	39
PL.14374	PL.26588	B	4ACSR	7.39Y	123.1	0.00	2.86	1.49	1	10	6	86	0.00	0.0	3.862	0.062	0	0	0	8
PL.14373	PL.14374	B	4ACSR	7.39Y	123.1	0.00	2.86	1.13	1	7	4	87	0.00	0.0	3.945	0.083	0	0	0	7
PL.14372	PL.14373	B	4ACSR	7.39Y	123.1	0.00	2.86	1.13	1	7	4	87	0.00	0.0	3.969	0.024	0	0	0	7
PL.14371	PL.14372	B	4ACSR	7.39Y	123.1	0.00	2.86	0.06	0	0	0	100	0.00	0.0	4.068	0.099	0	0	0	3
PD.20-B	PL.14371	B	Open	7.39Y	123.1	0.00	2.86	0.00	0	0	0	100	0.00	0.0	4.068	0.000	0	0	0	0
PL.14376	PL.14371	B	4ACSR	7.39Y	123.1	0.00	2.86	0.06	0	0	0	100	0.00	0.0	4.261	0.192	0	0	0	3
PL.18828	PL.14376	B	4ACSR	7.39Y	123.1	0.00	2.86	0.06	0	0	0	100	0.00	0.0	4.345	0.084	0	0	0	3
PD.1148	PL.18828	B	fuse6AMP	7.39Y	123.1	0.00	2.86	0.06	1	0	0	100	0.00	0.0	4.345	0.000	0	0	0	3
PL.18829	PD.1148	B	4ACSR	7.39Y	123.1	0.00	2.87	0.06	0	0	0	100	0.00	0.0	4.588	0.244	0	0	0	3
PL.5035	PL.18829	B	4ACSR	7.39Y	123.1	0.00	2.87	0.03	0	0	0	100	0.00	0.0	4.712	0.124	0	0	0	1
082712	PL.5035	B	Consumer	7.39Y	123.1	0.00	2.87	0.03	0	0	0	100	0.00	0.0	4.712	0.000	0	0	1	1
082703	PL.18829	B	Consumer	7.39Y	123.1	0.00	2.87	0.03	0	0	0	100	0.00	0.0	4.588	0.000	0	0	1	1
PL.14377	PL.18829	B	4ACSR	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	5.679	1.090	0	0	0	1
081701	PL.14377	B	Consumer	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	5.679	0.000	0	0	1	1
PL.18498	PL.14372	B	4ACSR	7.39Y	123.1	0.00	2.86	1.07	1	7	4	87	0.00	0.0	3.984	0.015	0	0	0	4
PD.1149	PL.18498	B	fuse6AMP	7.39Y	123.1	0.00	2.86	1.07	18	7	4	87	0.00	0.0	3.984	0.000	0	0	0	4
PL.27613	PD.1149	B	4ACSR	7.39Y	123.1	0.00	2.87	1.07	1	7	4	87	0.00	0.0	4.047	0.063	0	0	0	4
PL.5026	PL.27613	B	4ACSR	7.39Y	123.1	0.00	2.87	0.55	0	4	2	89	0.00	0.0	4.125	0.078	0	0	0	1
082710	PL.5026	B	Consumer	7.39Y	123.1	0.00	2.87	0.55	0	4	2	89	0.00	0.0	4.125	0.000	4	2	1	1
082706	PL.27613	B	Consumer	7.39Y	123.1	0.00	2.87	0.02	0	0	0	100	0.00	0.0	4.047	0.000	0	0	1	1
0827013	PL.27613	B	Consumer	7.39Y	123.1	0.00	2.87	0.48	0	3	2	83	0.00	0.0	4.047	0.000	3	2	1	1
082702	PL.27613	B	Consumer	7.39Y	123.1	0.00	2.87	0.02	0	0	0	100	0.00	0.0	4.047	0.000	0	0	1	1
PL.14375	PL.27613	B	4ACSR	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	4.129	0.081	0	0	0	0
082707	PL.14375	B	Consumer	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	4.129	0.000	0	0	0	0
PL.26909	PL.14374	B	4ACSR	7.39Y	123.1	0.00	2.86	0.36	0	2	1	89	0.00	0.0	3.878	0.016	0	0	0	1
PD.1150	PL.26909	B	fuse6AMP	7.39Y	123.1	0.00	2.86	0.36	6	2	1	89	0.00	0.0	3.878	0.000	0	0	0	1
PL.26910	PD.1150	B	4ACSR	7.39Y	123.1	0.00	2.86	0.36	0	2	1	89	0.00	0.0	3.916	0.038	0	0	0	1

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
082708	PL.26910	B	Consumer	7.39Y	123.1	0.00	2.86	0.00	0	0	0	100	0.00	0.0	3.916	0.000	0	0	0	0
082709	PL.26910	B	Consumer	7.39Y	123.1	0.00	2.86	0.36	0	2	1	89	0.00	0.0	3.916	0.000	2	1	1	1
PL.394	PL.26588	B	4ACSR	7.39Y	123.1	0.06	2.91	9.05	5	60	30	89	0.03	0.0	3.945	0.145	0	0	0	31
PL.14355	PL.394	B	4ACSR	7.38Y	123.0	0.05	2.96	9.05	5	60	30	89	0.02	0.0	4.057	0.112	0	0	0	31
PL.18919	PL.14355	B	4ACSR	7.38Y	123.0	0.00	2.96	0.29	0	2	1	89	0.00	0.0	4.075	0.017	0	0	0	1
PD.1163	PL.18919	B	fuse6AMP	7.38Y	123.0	0.00	2.96	0.29	5	2	1	89	0.00	0.0	4.075	0.000	0	0	0	1
PL.18920	PD.1163	B	4ACSR	7.38Y	123.0	0.00	2.96	0.29	0	2	1	89	0.00	0.0	4.131	0.057	0	0	0	1
083703	PL.18920	B	Consumer	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	4.131	0.000	0	0	0	0
083726	PL.18920	B	Consumer	7.38Y	123.0	0.00	2.96	0.29	0	2	1	89	0.00	0.0	4.131	0.000	2	1	1	1
PL.18385	PL.14355	B	4ACSR	7.38Y	123.0	0.01	2.98	8.76	5	58	29	89	0.01	0.0	4.094	0.037	0	0	0	30
PD.23-A	PL.18385	B	Closed	7.38Y	123.0	0.00	2.98	8.76	0	58	29	89	0.00	0.0	4.094	0.000	0	0	0	30
PD.23-B	PD.23-A	B	Closed	7.38Y	123.0	0.00	2.98	8.76	0	58	29	89	0.00	0.0	4.094	0.000	0	0	0	30
PL.18386	PD.23-B	B	4ACSR	7.38Y	123.0	0.00	2.98	8.76	5	58	29	89	0.00	0.0	4.100	0.006	0	0	0	30
083704	PL.18386	B	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	4.100	0.000	0	0	1	1
PL.14356	PL.18386	B	4ACSR	7.38Y	122.9	0.09	3.07	8.76	5	58	29	89	0.04	0.1	4.319	0.218	0	0	0	29
PL.28067	PL.14356	B	4ACSR	7.38Y	122.9	0.00	3.07	0.13	0	1	0	100	0.00	0.0	4.341	0.023	0	0	0	1
PD.1154	PL.28067	B	fuse6AMP	7.38Y	122.9	0.00	3.07	0.13	2	1	0	100	0.00	0.0	4.341	0.000	0	0	0	1
PL.28068	PD.1154	B	4ACSR	7.38Y	122.9	0.00	3.07	0.13	0	1	0	100	0.00	0.0	4.379	0.038	0	0	0	1
PL.5054	PL.28068	B	4ACSR	7.38Y	122.9	0.00	3.07	0.13	0	1	0	100	0.00	0.0	4.615	0.237	0	0	0	1
083719	PL.5054	B	Consumer	7.38Y	122.9	0.00	3.07	0.13	0	1	0	100	0.00	0.0	4.615	0.000	1	0	1	1
PL.14357	PL.14356	B	4ACSR	7.37Y	122.8	0.13	3.20	8.63	4	57	29	89	0.06	0.1	4.638	0.319	0	0	0	28
PL.14358	PL.14357	B	4ACSR	7.37Y	122.8	0.01	3.21	8.34	4	55	28	89	0.00	0.0	4.668	0.030	0	0	0	27
PL.401	PL.14358	B	4ACSR	7.36Y	122.6	0.16	3.36	8.34	4	55	28	89	0.07	0.1	5.071	0.404	0	0	0	27
PL.396	PL.401	B	4ACSR	7.35Y	122.5	0.12	3.49	8.34	4	55	28	89	0.05	0.1	5.390	0.319	0	0	0	27
PL.397	PL.396	B	4ACSR	7.35Y	122.4	0.08	3.57	8.34	4	55	28	89	0.03	0.1	5.595	0.205	0	0	0	27
PL.18950	PL.397	B	4ACSR	7.34Y	122.4	0.08	3.64	8.34	4	55	28	89	0.03	0.1	5.793	0.197	0	0	0	27
PD.27-A	PL.18950	B	Closed	7.34Y	122.4	0.00	3.64	8.34	0	55	28	89	0.00	0.0	5.793	0.000	0	0	0	27
PD.27-B	PD.27-A	B	Closed	7.34Y	122.4	0.00	3.64	8.34	0	55	28	89	0.00	0.0	5.793	0.000	0	0	0	27
PL.18951	PD.27-B	B	4ACSR	7.33Y	122.2	0.12	3.76	8.34	4	55	28	89	0.05	0.1	6.098	0.306	0	0	0	27
PL.8312	PL.18951	B	4ACSR	7.33Y	122.2	0.00	3.76	0.00	0	0	0	100	0.00	0.0	6.099	0.001	0	0	0	0
PL.14359	PL.18951	B	4ACSR	7.33Y	122.2	0.06	3.82	8.34	4	55	28	89	0.03	0.0	6.253	0.154	0	0	0	27
PL.14360	PL.14359	B	4ACSR	7.33Y	122.1	0.05	3.87	8.34	4	55	28	89	0.02	0.0	6.371	0.119	0	0	0	27
082902	PL.14360	B	Consumer	7.33Y	122.1	0.00	3.87	0.00	0	0	0	100	0.00	0.0	6.371	0.000	0	0	0	0
PL.14361	PL.14360	B	4ACSR	7.32Y	122.1	0.07	3.94	8.34	4	55	28	89	0.03	0.1	6.560	0.189	0	0	0	27
PL.18195	PL.14361	B	4ACSR	7.32Y	122.1	0.00	3.94	0.48	0	3	2	83	0.00	0.0	6.579	0.019	0	0	0	2
PD.1152	PL.18195	B	fuse6AMP	7.32Y	122.1	0.00	3.94	0.48	8	3	2	83	0.00	0.0	6.579	0.000	0	0	0	2
PL.17478	PD.1152	B	4ACSR	7.32Y	122.1	0.00	3.94	0.48	0	3	2	83	0.00	0.0	6.761	0.181	0	0	0	2
PL.5039	PL.17478	B	4ACSR	7.32Y	122.1	0.00	3.94	0.00	0	0	0	100	0.00	0.0	7.020	0.259	0	0	0	0

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
082903	PL.17478	B	Consumer	7.32Y	122.1	0.00	3.94	0.32	0	2	1	89	0.00	0.0	6.761	0.000	2	1	1	1
082906	PL.17478	B	Consumer	7.32Y	122.1	0.00	3.94	0.16	0	1	1	71	0.00	0.0	6.761	0.000	1	1	1	1
PL.14362	PL.14361	B	4ACSR	7.32Y	122.0	0.04	3.98	7.86	4	51	26	89	0.02	0.0	6.671	0.111	0	0	0	25
PL.20354	PL.14362	B	4ACSR	7.32Y	121.9	0.09	4.07	7.86	4	51	26	89	0.04	0.1	6.921	0.250	0	0	0	25
PD.3444	PL.20354	B	25V4E	7.32Y	121.9	0.00	4.07	7.86	31	51	26	89	0.00	0.0	6.921	0.000	0	0	0	25
PL.20355	PD.3444	B	4ACSR	7.30Y	121.7	0.22	4.29	7.86	4	51	26	89	0.09	0.2	7.514	0.592	0	0	0	25
PL.17769	PL.20355	B	4ACSR	7.30Y	121.6	0.08	4.36	7.86	4	51	26	89	0.03	0.1	7.721	0.208	0	0	0	25
PD.22-A	PL.17769	B	Closed	7.30Y	121.6	0.00	4.36	7.86	0	51	26	89	0.00	0.0	7.721	0.000	0	0	0	25
PD.22-B	PD.22-A	B	Closed	7.30Y	121.6	0.00	4.36	7.86	0	51	26	89	0.00	0.0	7.721	0.000	0	0	0	25
PL.17770	PD.22-B	B	4ACSR	7.30Y	121.6	0.04	4.40	7.86	4	51	26	89	0.01	0.0	7.822	0.101	0	0	0	25
PL.5038	PL.17770	B	4ACSR	7.30Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	7.823	0.001	0	0	0	0
PL.16184	PL.17770	B	4ACSR	7.29Y	121.6	0.03	4.43	7.86	4	51	26	89	0.01	0.0	7.905	0.083	0	0	0	25
PD.2491-A	PL.16184	B	Closed	7.29Y	121.6	0.00	4.43	7.86	0	51	26	89	0.00	0.0	7.905	0.000	0	0	0	25
PD.2491-B	PD.2491-A	B	Closed	7.29Y	121.6	0.00	4.43	7.86	0	51	26	89	0.00	0.0	7.905	0.000	0	0	0	25
PL.16185	PD.2491-B	B	4ACSR	7.29Y	121.4	0.12	4.55	7.86	4	51	26	89	0.05	0.1	8.236	0.331	0	0	0	25
PL.243	PL.16185	B	4ACSR	7.28Y	121.3	0.13	4.68	7.86	4	51	26	89	0.05	0.1	8.597	0.361	0	0	0	25
PL.16823	PL.243	B	4ACSR	7.28Y	121.3	0.01	4.69	1.34	1	9	5	87	0.00	0.0	8.787	0.190	0	0	0	17
PD.2297	PL.16823	B	fuse8AMP	7.28Y	121.3	0.00	4.69	1.34	18	9	5	87	0.00	0.0	8.787	0.000	0	0	0	17
PL.16824	PD.2297	B	4ACSR	7.28Y	121.3	0.01	4.70	1.34	1	9	5	87	0.00	0.0	8.882	0.095	0	0	0	17
PL.27969	PL.16824	B	4ACSR	7.28Y	121.3	0.01	4.71	1.28	1	8	4	89	0.00	0.0	8.991	0.108	0	0	0	14
PL.27970	PL.27969	B	4ACSR	7.28Y	121.3	0.00	4.71	1.28	1	8	4	89	0.00	0.0	9.064	0.073	0	0	0	14
093219	PL.27970	B	Consumer	7.28Y	121.3	0.00	4.71	0.00	0	0	0	100	0.00	0.0	9.064	0.000	0	0	1	1
093202	PL.27970	B	Consumer	7.28Y	121.3	0.00	4.71	0.37	0	2	1	89	0.00	0.0	9.064	0.000	2	1	1	1
093214	PL.27970	B	Consumer	7.28Y	121.3	0.00	4.71	0.05	0	0	0	100	0.00	0.0	9.064	0.000	0	0	1	1
093216	PL.27970	B	Consumer	7.28Y	121.3	0.00	4.71	0.19	0	1	1	71	0.00	0.0	9.064	0.000	1	1	1	1
093218	PL.27970	B	Consumer	7.28Y	121.3	0.00	4.71	0.00	0	0	0	100	0.00	0.0	9.064	0.000	0	0	1	1
093201	PL.27970	B	Consumer	7.28Y	121.3	0.00	4.71	0.00	0	0	0	100	0.00	0.0	9.064	0.000	0	0	1	1
PL.14363	PL.27970	B	4ACSR	7.28Y	121.3	0.00	4.71	0.67	0	4	2	89	0.00	0.0	9.184	0.121	0	0	0	8
PL.14364	PL.14363	B	4ACSR	7.28Y	121.3	0.01	4.72	0.67	0	4	2	89	0.00	0.0	9.380	0.195	0	0	0	8
PL.14365	PL.14364	B	4ACSR	7.28Y	121.3	0.00	4.72	0.53	0	3	2	83	0.00	0.0	9.515	0.136	0	0	0	6
094209	PL.14365	B	Consumer	7.28Y	121.3	0.00	4.72	0.01	0	0	0	100	0.00	0.0	9.515	0.000	0	0	1	1
P PL.43671	PL.14365	B	2ACSR	7.28Y	121.3	-0.00	4.72	-0.04	0	0	0	100	0.00	0.0	9.535	0.020	0	0	0	0 P
P PL.43672	PL.43671	B	1/0EPRJCN	7.28Y	121.3	-0.00	4.72	-0.04	0	0	0	100	0.00	0.0	9.594	0.059	0	0	0	0 P
0942019	PL.43672	B	Consumer	7.28Y	121.3	0.00	4.72	0.00	0	0	0	100	0.00	0.0	9.594	0.000	0	0	0	0
PL.19879	PL.14365	B	4ACSR	7.28Y	121.3	0.00	4.73	0.54	0	3	2	83	0.00	0.0	9.550	0.035	0	0	0	5
PL.19880	PL.19879	B	4ACSR	7.28Y	121.3	0.00	4.73	0.46	0	3	2	83	0.00	0.0	9.580	0.030	0	0	0	4
PL.14367	PL.19880	B	4ACSR	7.28Y	121.3	0.00	4.73	0.22	0	1	1	71	0.00	0.0	9.615	0.035	0	0	0	2
PL.5314	PL.14367	B	4ACSR	7.28Y	121.3	0.00	4.73	0.22	0	1	1	71	0.00	0.0	9.673	0.058	0	0	0	2

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.5315	PL.5314	B	4ACSR	7.28Y	121.3	0.00	4.73	0.22	0	1	1	71	0.00	0.0	9.728	0.055	0	0	0	1
094211	PL.5315	B	Consumer	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	9.728	0.000	0	0	0	0
094210	PL.5315	B	Consumer	7.28Y	121.3	0.00	4.73	0.22	0	1	1	71	0.00	0.0	9.728	0.000	1	1	1	1
094201	PL.5314	B	Consumer	7.28Y	121.3	0.00	4.73	0.01	0	0	0	100	0.00	0.0	9.673	0.000	0	0	1	1
PL.14366	PL.14367	B	4ACSR	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	9.697	0.082	0	0	0	0
PL.400	PL.14366	B	4ACSR	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	9.909	0.212	0	0	0	0
094216	PL.19880	B	Consumer	7.28Y	121.3	0.00	4.73	0.19	0	1	1	71	0.00	0.0	9.580	0.000	1	1	1	1
094215	PL.19880	B	Consumer	7.28Y	121.3	0.00	4.73	0.04	0	0	0	100	0.00	0.0	9.580	0.000	0	0	1	1
094214	PL.19879	B	Consumer	7.28Y	121.3	0.00	4.73	0.08	0	0	0	100	0.00	0.0	9.550	0.000	0	0	1	1
094206	PL.14364	B	Consumer	7.28Y	121.3	0.00	4.72	0.00	0	0	0	100	0.00	0.0	9.380	0.000	0	0	1	1
094217	PL.14364	B	Consumer	7.28Y	121.3	0.00	4.72	0.00	0	0	0	100	0.00	0.0	9.380	0.000	0	0	0	0
094213	PL.14364	B	Consumer	7.28Y	121.3	0.00	4.72	0.14	0	1	1	71	0.00	0.0	9.380	0.000	1	1	1	1
093212	PL.16824	B	Consumer	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	8.882	0.000	0	0	0	0
093213	PL.16824	B	Consumer	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	8.882	0.000	0	0	1	1
0932022	PL.16824	B	Consumer	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	8.882	0.000	0	0	1	1
093207	PL.16824	B	Consumer	7.28Y	121.3	0.00	4.70	0.06	0	0	0	100	0.00	0.0	8.882	0.000	0	0	1	1
PL.46516	PL.243	B	4ACSR	7.28Y	121.3	0.00	4.69	6.52	3	43	21	90	0.00	0.0	8.611	0.013	0	0	0	8
C PD.8750	PL.46516	B	fuse6AMP	7.28Y	121.3	0.00	4.69	6.52	111	43	21	90	0.00	0.0	8.611	0.000	0	0	0	8 C
PL.46517	PD.8750	B	4ACSR	7.28Y	121.3	0.04	4.73	6.52	3	43	21	90	0.01	0.0	8.750	0.139	0	0	0	8
PL.5320	PL.46517	B	4ACSR	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	8.797	0.047	0	0	0	1
093220	PL.5320	B	Consumer	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	8.797	0.000	0	0	1	1
PL.18636	PL.46517	B	4ACSR	7.27Y	121.2	0.07	4.80	6.52	3	43	21	90	0.02	0.1	8.990	0.240	0	0	0	7
PD.2492-A	PL.18636	B	Closed	7.27Y	121.2	0.00	4.80	6.52	0	43	21	90	0.00	0.0	8.990	0.000	0	0	0	7
PD.2492-B	PD.2492-A	B	Closed	7.27Y	121.2	0.00	4.80	6.52	0	43	21	90	0.00	0.0	8.990	0.000	0	0	0	7
PL.18637	PD.2492-B	B	4ACSR	7.27Y	121.2	0.05	4.85	6.52	3	43	21	90	0.02	0.0	9.145	0.155	0	0	0	7
PL.18634	PL.18637	B	4ACSR	7.27Y	121.1	0.04	4.89	6.52	3	43	21	90	0.01	0.0	9.285	0.140	0	0	0	7
PL.18635	PL.18634	B	4ACSR	7.26Y	121.1	0.06	4.95	6.52	3	43	21	90	0.02	0.0	9.469	0.183	0	0	0	7
093204	PL.18635	B	Consumer	7.26Y	121.1	0.00	4.95	0.21	0	1	1	71	0.00	0.0	9.469	0.000	1	1	1	1
PL.17267	PL.18635	B	4ACSR	7.26Y	121.1	0.00	4.95	6.31	3	41	20	90	0.00	0.0	9.474	0.005	0	0	0	6
PD.2495-A	PL.17267	B	Closed	7.26Y	121.1	0.00	4.95	6.31	0	41	20	90	0.00	0.0	9.474	0.000	0	0	0	6
PD.2495-B	PD.2495-A	B	Closed	7.26Y	121.1	0.00	4.95	6.31	0	41	20	90	0.00	0.0	9.474	0.000	0	0	0	6
PL.17268	PD.2495-B	B	4ACSR	7.26Y	121.0	0.04	4.99	6.31	3	41	20	90	0.01	0.0	9.613	0.139	0	0	0	6
PL.14369	PL.17268	B	4ACSR	7.26Y	120.9	0.08	5.06	6.31	3	41	20	90	0.02	0.1	9.873	0.259	0	0	0	6
093301	PL.14369	B	Consumer	7.26Y	120.9	0.00	5.06	0.10	0	1	0	100	0.00	0.0	9.873	0.000	1	0	1	1
PL.37606	PL.14369	B	4ACSR	7.26Y	120.9	0.01	5.07	6.21	3	40	20	89	0.00	0.0	9.904	0.031	0	0	0	5
PL.37605	PL.37606	B	2ACSR	7.26Y	120.9	0.00	5.07	0.01	0	0	0	100	0.00	0.0	9.948	0.045	0	0	0	1
0933004	PL.37605	B	Consumer	7.26Y	120.9	0.00	5.07	0.01	0	0	0	100	0.00	0.0	9.948	0.000	0	0	1	1
0933005	PL.37606	B	Consumer	7.26Y	120.9	0.00	5.07	0.00	0	0	0	100	0.00	0.0	9.904	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.37607	PL.37606	B	4ACSR	7.25Y	120.9	0.04	5.12	6.19	3	40	20	89	0.01	0.0	10.054	0.150	0	0	0	4
PL.20147	PL.37607	B	4ACSR	7.25Y	120.8	0.05	5.17	6.19	3	40	20	89	0.02	0.0	10.230	0.176	0	0	0	4
PD.2494-A	PL.20147	B	Closed	7.25Y	120.8	0.00	5.17	6.19	0	40	20	89	0.00	0.0	10.230	0.000	0	0	0	4
PD.2494-B	PD.2494-A	B	Closed	7.25Y	120.8	0.00	5.17	6.19	0	40	20	89	0.00	0.0	10.230	0.000	0	0	0	4
PL.16198	PD.2494-B	B	4ACSR	7.23Y	120.6	0.26	5.42	6.19	3	40	20	89	0.08	0.2	11.120	0.891	0	0	0	4
PL.5317	PL.16198	B	4ACSR	7.23Y	120.6	0.00	5.42	0.00	0	0	0	100	0.00	0.0	11.287	0.167	0	0	0	0
PL.8332	PL.5317	B	4ACSR	7.23Y	120.6	0.00	5.42	0.00	0	0	0	100	0.00	0.0	11.458	0.171	0	0	0	0
PL.8333	PL.8332	B	4ACSR	7.23Y	120.6	0.00	5.42	0.00	0	0	0	100	0.00	0.0	11.459	0.001	0	0	0	0
PL.18562	PL.16198	B	4ACSR	7.23Y	120.5	0.06	5.48	6.19	3	40	20	89	0.02	0.0	11.338	0.217	0	0	0	4
PD.2493-A	PL.18562	B	Closed	7.23Y	120.5	0.00	5.48	6.19	0	40	20	89	0.00	0.0	11.338	0.000	0	0	0	4
PD.2493-B	PD.2493-A	B	Closed	7.23Y	120.5	0.00	5.48	6.19	0	40	20	89	0.00	0.0	11.338	0.000	0	0	0	4
PL.18593	PD.2493-B	B	4ACSR	7.23Y	120.5	0.05	5.54	6.19	3	40	20	89	0.02	0.0	11.521	0.184	0	0	0	4
PL.8334	PL.18593	B	4ACSR	7.23Y	120.4	0.04	5.58	6.19	3	40	20	89	0.01	0.0	11.675	0.154	0	0	0	4
PL.16197	PL.8334	B	4ACSR	7.22Y	120.4	0.06	5.64	6.19	3	40	20	89	0.02	0.0	11.877	0.202	0	0	0	4
PD.2496-A	PL.16197	B	Closed	7.22Y	120.4	0.00	5.64	6.19	0	40	20	89	0.00	0.0	11.877	0.000	0	0	0	4
PD.2496-B	PD.2496-A	B	Closed	7.22Y	120.4	0.00	5.64	6.19	0	40	20	89	0.00	0.0	11.877	0.000	0	0	0	4
PL.19463	PD.2496-B	B	4ACSR	7.21Y	120.2	0.16	5.80	6.19	3	40	20	89	0.05	0.1	12.426	0.550	0	0	0	4
PL.28629	PL.19463	B	4ACSR	7.21Y	120.2	0.03	5.83	6.19	3	40	20	89	0.01	0.0	12.548	0.121	0	0	0	3
093404	PL.28629	B	Consumer	7.21Y	120.2	0.00	5.83	0.05	0	0	0	100	0.00	0.0	12.548	0.000	0	0	1	1
PL.21313	PL.28629	B	4ACSR	7.21Y	120.2	0.01	5.84	6.14	3	40	19	90	0.00	0.0	12.577	0.030	0	0	0	2
PD.3649-A	PL.21313	B	Closed	7.21Y	120.2	0.00	5.84	6.14	0	40	19	90	0.00	0.0	12.577	0.000	0	0	0	2
PD.3649-B	PD.3649-A	B	Closed	7.21Y	120.2	0.00	5.84	6.14	0	40	19	90	0.00	0.0	12.577	0.000	0	0	0	2
PL.21314	PD.3649-B	B	4ACSR	7.21Y	120.1	0.02	5.86	6.14	3	40	19	90	0.01	0.0	12.640	0.063	0	0	0	2
PL.5321	PL.21314	B	4ACSR	7.21Y	120.1	0.01	5.87	6.00	3	39	19	90	0.00	0.0	12.684	0.044	0	0	0	1
093406	PL.5321	B	Consumer	7.21Y	120.1	0.00	5.87	6.00	0	39	19	90	0.00	0.0	12.684	0.000	39	19	1	1
PL.14370	PL.21314	B	4ACSR	7.21Y	120.1	0.00	5.86	0.14	0	1	0	100	0.00	0.0	12.977	0.337	0	0	0	1
093403	PL.14370	B	Consumer	7.21Y	120.1	0.00	5.86	0.14	0	1	0	100	0.00	0.0	12.977	0.000	1	0	1	1
093405	PL.19463	B	Consumer	7.21Y	120.2	0.00	5.80	0.00	0	0	0	100	0.00	0.0	12.426	0.000	0	0	1	1
093303	PL.37607	B	Consumer	7.25Y	120.9	0.00	5.12	0.00	0	0	0	100	0.00	0.0	10.054	0.000	0	0	0	0
PL.5037	PL.14359	B	4ACSR	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	6.335	0.082	0	0	0	0
PD.1151	PL.5037	B	fuse6AMP	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	6.335	0.000	0	0	0	0
PL.5036	PD.1151	B	4ACSR	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	6.634	0.299	0	0	0	0
PL.20102	PL.14357	B	4ACSR	7.37Y	122.8	0.00	3.20	0.29	0	2	1	89	0.00	0.0	4.655	0.018	0	0	0	1
PD.1153	PL.20102	B	fuse6AMP	7.37Y	122.8	0.00	3.20	0.29	5	2	1	89	0.00	0.0	4.655	0.000	0	0	0	1
PL.20103	PD.1153	B	4ACSR	7.37Y	122.8	0.00	3.20	0.29	0	2	1	89	0.00	0.0	4.848	0.192	0	0	0	1
PL.5055	PL.20103	B	4ACSR	7.37Y	122.8	0.00	3.20	0.29	0	2	1	89	0.00	0.0	4.884	0.037	0	0	0	1
PL.24476	PL.5055	B	4ACSR	7.37Y	122.8	0.00	3.20	0.29	0	2	1	89	0.00	0.0	5.006	0.122	0	0	0	1
083802	PL.24476	B	Consumer	7.37Y	122.8	0.00	3.20	0.00	0	0	0	100	0.00	0.0	5.006	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
083803	PL.24476	B	Consumer	7.37Y	122.8	0.00	3.20	0.29	0	2	1	89	0.00	0.0	5.006	0.000	2	1	1	1
PL.5057	PD.3821	B	4ACSR	7.40Y	123.3	0.00	2.68	0.02	0	0	0	100	0.00	0.0	3.545	0.104	0	0	0	1
083708	PL.5057	B	Consumer	7.40Y	123.3	0.00	2.68	0.02	0	0	0	100	0.00	0.0	3.545	0.000	0	0	1	1
083710	PL.26593	B	Consumer	7.41Y	123.5	0.00	2.54	0.15	0	1	1	71	0.00	0.0	3.156	0.000	1	1	1	1
PL.20425	PL.5052	B	4ACSR	7.41Y	123.5	0.00	2.52	1.99	1	13	7	88	0.00	0.0	3.130	0.011	0	0	0	5
PD.1162	PL.20425	B	fuse6AMP	7.41Y	123.5	0.00	2.52	1.99	34	13	7	88	0.00	0.0	3.130	0.000	0	0	0	5
PL.20426	PD.1162	B	4ACSR	7.41Y	123.5	0.01	2.53	1.99	1	13	7	88	0.00	0.0	3.216	0.086	0	0	0	5
PL.26601	PL.20426	B	4ACSR	7.41Y	123.5	0.00	2.53	0.48	0	3	2	83	0.00	0.0	3.266	0.050	0	0	0	2
083724	PL.26601	B	Consumer	7.41Y	123.5	0.00	2.53	0.22	0	1	1	71	0.00	0.0	3.266	0.000	1	1	1	1
PL.26602	PL.26601	B	4ACSR	7.41Y	123.5	0.01	2.53	0.26	0	2	1	89	0.00	0.0	3.715	0.448	0	0	0	1
083712	PL.26602	B	Consumer	7.41Y	123.5	0.00	2.53	0.26	0	2	1	89	0.00	0.0	3.715	0.000	2	1	1	1
PL.5059	PL.20426	B	4ACSR	7.41Y	123.5	0.00	2.53	0.91	0	6	3	89	0.00	0.0	3.258	0.042	0	0	0	1
083727	PL.5059	B	Consumer	7.41Y	123.5	0.00	2.53	0.91	0	6	3	89	0.00	0.0	3.258	0.000	6	3	1	1
083728	PL.5059	B	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	3.258	0.000	0	0	0	0
083729	PL.20426	B	Consumer	7.41Y	123.5	0.00	2.53	0.32	0	2	1	89	0.00	0.0	3.216	0.000	2	1	1	1
083722	PL.20426	B	Consumer	7.41Y	123.5	0.00	2.53	0.29	0	2	1	89	0.00	0.0	3.216	0.000	2	1	1	1
0837032	PL.40322	B	Consumer	7.42Y	123.6	0.00	2.39	0.15	0	1	1	71	0.00	0.0	2.899	0.000	1	1	1	1
0837033	PL.40322	B	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	2.899	0.000	0	0	0	0
083714	PL.8306	B	Consumer	7.42Y	123.7	0.00	2.32	0.16	0	1	1	71	0.00	0.0	2.793	0.000	1	1	1	1
PL.5047	PL.26599	B	4ACSR	7.43Y	123.8	0.00	2.18	1.02	1	7	4	87	0.00	0.0	2.633	0.068	0	0	0	4
PL.5048	PL.5047	B	4ACSR	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	2.692	0.059	0	0	0	0
PL.5044	PL.5047	B	4ACSR	7.43Y	123.8	0.00	2.19	1.02	1	7	4	87	0.00	0.0	2.737	0.104	0	0	0	4
PL.5045	PL.5044	B	4ACSR	7.43Y	123.8	0.00	2.19	0.65	0	4	2	89	0.00	0.0	2.764	0.027	0	0	0	2
083609	PL.5045	B	Consumer	7.43Y	123.8	0.00	2.19	0.48	0	3	2	83	0.00	0.0	2.764	0.000	3	2	1	1
083614	PL.5045	B	Consumer	7.43Y	123.8	0.00	2.19	0.17	0	1	1	71	0.00	0.0	2.764	0.000	1	1	1	1
PL.5046	PL.5044	B	4ACSR	7.43Y	123.8	0.00	2.19	0.36	0	2	1	89	0.00	0.0	2.777	0.040	0	0	0	2
083622	PL.5046	B	Consumer	7.43Y	123.8	0.00	2.19	0.02	0	0	0	100	0.00	0.0	2.777	0.000	0	0	1	1
083611	PL.5046	B	Consumer	7.43Y	123.8	0.00	2.19	0.34	0	2	1	89	0.00	0.0	2.777	0.000	2	1	1	1
083718	PL.26599	B	Consumer	7.43Y	123.8	0.00	2.18	0.20	0	1	1	71	0.00	0.0	2.565	0.000	1	1	1	1
PL.5049	PD.3819	B	4ACSR	7.43Y	123.9	0.00	2.13	0.12	0	1	0	100	0.00	0.0	2.549	0.046	0	0	0	1
083702	PL.5049	B	Consumer	7.43Y	123.9	0.00	2.13	0.12	0	1	0	100	0.00	0.0	2.549	0.000	1	0	1	1
084621	PL.8308	B	Consumer	7.44Y	124.0	0.00	2.02	0.16	0	1	1	71	0.00	0.0	2.346	0.000	1	1	1	1
084614	PL.8308	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	2.346	0.000	0	0	1	1
083630	PL.19223	C	Consumer	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	1.850	0.000	0	0	1	1
083626	PL.19222	B	Consumer	7.48Y	124.6	0.00	1.35	0.42	0	3	1	95	0.00	0.0	1.824	0.000	3	1	1	1
PL.16366	PL.26598	A	4ACSR	7.50Y	124.9	0.00	1.06	1.32	1	9	5	87	0.00	0.0	1.710	0.007	0	0	0	6
PD.1155	PL.16366	A	fuse6AMP	7.50Y	124.9	0.00	1.06	1.32	23	9	5	87	0.00	0.0	1.710	0.000	0	0	0	6
PL.16367	PD.1155	A	4ACSR	7.50Y	124.9	0.01	1.07	1.32	1	9	5	87	0.00	0.0	1.847	0.136	0	0	0	6

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
083631	PL.16367	A	Consumer	7.50Y	124.9	0.00	1.07	0.40	0	3	1	95	0.00	0.0	1.847	0.000	3	1	1	1
PL.26594	PL.16367	A	4ACSR	7.50Y	124.9	0.00	1.07	0.92	0	6	3	89	0.00	0.0	1.884	0.038	0	0	0	5
PL.30335	PL.26594	A	4ACSR	7.50Y	124.9	0.00	1.07	0.92	0	6	3	89	0.00	0.0	1.923	0.039	0	0	0	5
PD.3818-A	PL.30335	A	Closed	7.50Y	124.9	0.00	1.07	0.92	0	6	3	89	0.00	0.0	1.923	0.000	0	0	0	5
PD.3818-B	PD.3818-A	A	Closed	7.50Y	124.9	0.00	1.07	0.92	0	6	3	89	0.00	0.0	1.923	0.000	0	0	0	5
PL.30336	PD.3818-B	A	4ACSR	7.49Y	124.9	0.02	1.09	0.92	0	6	3	89	0.00	0.0	2.276	0.352	0	0	0	5
083601	PL.30336	A	Consumer	7.49Y	124.9	0.00	1.09	0.08	0	1	0	100	0.00	0.0	2.276	0.000	1	0	1	1
083612	PL.30336	A	Consumer	7.49Y	124.9	0.00	1.09	0.70	0	5	3	86	0.00	0.0	2.276	0.000	5	3	1	1
PL.8305	PL.30336	A	4ACSR	7.49Y	124.9	0.00	1.09	0.14	0	1	1	71	0.00	0.0	2.362	0.087	0	0	0	3
PL.5050	PL.8305	A	4ACSR	7.49Y	124.9	0.00	1.09	0.00	0	0	0	100	0.00	0.0	2.362	0.000	0	0	0	0
PL.5209	PL.8305	A	4ACSR	7.49Y	124.9	0.00	1.09	0.14	0	1	1	71	0.00	0.0	2.474	0.112	0	0	0	3
083515	PL.5209	A	Consumer	7.49Y	124.9	0.00	1.09	0.08	0	1	0	100	0.00	0.0	2.474	0.000	1	0	1	1
083535	PL.5209	A	Consumer	7.49Y	124.9	0.00	1.09	0.00	0	0	0	100	0.00	0.0	2.474	0.000	0	0	1	1
PL.19647	PL.5209	A	4ACSR	7.49Y	124.9	0.00	1.09	0.06	0	0	0	100	0.00	0.0	2.555	0.081	0	0	0	1
083506	PL.19647	A	Consumer	7.49Y	124.9	0.00	1.09	0.06	0	0	0	100	0.00	0.0	2.555	0.000	0	0	1	1
083623	PL.26598	C	Consumer	7.50Y	125.0	0.00	1.05	0.05	0	0	0	100	0.00	0.0	1.704	0.000	0	0	1	1
PL.26793	PL.26796	A	4ACSR	7.53Y	125.6	0.00	0.44	0.12	0	1	0	100	0.00	0.0	0.929	0.021	0	0	0	1
PD.2040	PL.26793	A	fuse6AMP	7.53Y	125.6	0.00	0.44	0.12	2	1	0	100	0.00	0.0	0.929	0.000	0	0	0	1
PL.26794	PD.2040	A	4ACSR	7.53Y	125.6	0.00	0.45	0.12	0	1	0	100	0.00	0.0	1.064	0.134	0	0	0	1
PL.5042	PL.26794	A	4ACSR	7.53Y	125.6	0.00	0.45	0.12	0	1	0	100	0.00	0.0	1.077	0.013	0	0	0	1
084601	PL.5042	A	Consumer	7.53Y	125.6	0.00	0.45	0.12	0	1	0	100	0.00	0.0	1.077	0.000	1	0	1	1
PL.39241	PL.8440	A	4ACSR	7.54Y	125.6	0.00	0.42	0.07	0	0	0	100	0.00	0.0	0.865	0.006	0	0	0	1
PD.6885	PL.39241	A	50E	7.54Y	125.6	0.00	0.42	0.07	0	0	0	100	0.00	0.0	0.865	0.000	0	0	0	1
PL.8438	PD.6885	A	4ACSR	7.54Y	125.6	0.00	0.42	0.07	0	0	0	100	0.00	0.0	0.997	0.132	0	0	0	1
PL.39242	PL.8438	A	4ACSR	7.54Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	1.000	0.003	0	0	0	0
PD.6884-A	PL.39242	A	Open	7.54Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	1.000	0.000	0	0	0	0
084510	PL.8438	A	Consumer	7.54Y	125.6	0.00	0.42	0.07	0	0	0	100	0.00	0.0	0.997	0.000	0	0	1	1
084552	PL.27965	B	Consumer	7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	0.761	0.000	0	0	0	0
084507	PL.27965	B	Consumer	7.53Y	125.6	0.00	0.42	0.50	0	3	2	83	0.00	0.0	0.761	0.000	3	2	1	1
084535	PL.8447	B	Consumer	7.54Y	125.6	0.00	0.38	0.51	0	3	2	83	0.00	0.0	0.680	0.000	3	2	1	1
084553	PL.8447	C	Consumer	7.54Y	125.7	0.00	0.31	0.15	0	1	1	71	0.00	0.0	0.680	0.000	1	1	1	1
084551	PL.14388	B	Consumer	7.54Y	125.7	0.00	0.33	0.60	0	4	2	89	0.00	0.0	0.588	0.000	4	2	1	1
083536	PL.14388	B	Consumer	7.54Y	125.7	0.00	0.33	0.46	0	3	2	83	0.00	0.0	0.588	0.000	3	2	1	1
083538	PL.20914	B	Consumer	7.55Y	125.8	0.00	0.17	0.14	0	1	1	71	0.00	0.0	0.295	0.000	1	1	1	1
083523	PL.20914	B	Consumer	7.55Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	0.295	0.000	0	0	0	0

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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	3617	0	0	0	0	0	61	0.00		3678
KVAR	1127	0	-661	-7	0	0	60			518

Lowest Voltage Highest Accumulated Voltage Drop Highest Element Voltage Drop

Unbalanced Voltage Drop Report
Source: BOWEN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Units Displayed In Volts																		
-Base Voltage:120.0-																		
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	Cons On	Cons Thru
A-Phase ->	121.78 volts on PL.28128					4.22 volts on PL.28128							0.51 volts on PL.26596					
B-Phase ->	120.13 volts on PL.5321					5.87 volts on PL.5321							0.57 volts on PL.26596					
C-Phase ->	121.86 volts on PL.28128					4.14 volts on PL.28128							0.75 volts on PL.14090					

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 1 (CAVERUN1) beginning with Device PD.3888.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.9596	PL.23997	A	4/0ACSR	7.55Y	125.9	0.02	0.12	43.88	9	331	4	100	0.10	0.0	0.299	0.059	0	0	0	54		
		B		7.56Y	126.0	0.01	0.05	34.12	7	258	10	100					0	0	0	47		
		C		7.55Y	125.9	0.02	0.09	29.13	6	219	19	100					0	0	0	38		
PL.19746	PL.9596	B	4ACSR	7.56Y	126.0	0.00	0.05	8.45	4	64	3	100	0.00	0.0	0.299	0.000	0	0	0	10		
3997112	PL.19746	B	Consumer	7.56Y	126.0	0.00	0.05	0.00	0	0	0	100	0.00	0.0	0.299	0.000	0	0	0	0		
399792	PL.19746	B	Consumer	7.56Y	126.0	0.00	0.05	0.21	0	1	1	71	0.00	0.0	0.299	0.000	1	1	1	1		
399763	PL.19746	B	Consumer	7.56Y	126.0	0.00	0.05	1.43	0	11	0	100	0.00	0.0	0.299	0.000	11	0	1	1		
PL.19747	PL.19746	B	4ACSR	7.56Y	126.0	0.00	0.05	6.83	4	52	2	100	0.00	0.0	0.301	0.002	0	0	0	8		
C PD.1176	PL.19747	B	fuse6AMP	7.56Y	126.0	0.00	0.05	6.83	117	52	2	100	0.00	0.0	0.301	0.000	0	0	0	8 C		
PL.15743	PD.1176	B	4ACSR	7.56Y	126.0	0.00	0.05	6.83	4	52	2	100	0.00	0.0	0.306	0.005	0	0	0	8		
399788	PL.15743	B	Consumer	7.56Y	126.0	0.00	0.05	0.00	0	0	0	100	0.00	0.0	0.306	0.000	0	0	1	1		
PL.9597	PL.15743	B	4ACSR	7.56Y	125.9	0.01	0.06	6.83	4	52	2	100	0.01	0.0	0.356	0.050	0	0	0	7		
PL.1803	PL.9597	B	4ACSR	7.56Y	125.9	0.00	0.07	6.07	3	46	1	100	0.00	0.0	0.374	0.018	0	0	0	4		
399774	PL.1803	B	Consumer	7.56Y	125.9	0.00	0.07	1.11	0	8	0	100	0.00	0.0	0.374	0.000	8	0	1	1		
399762	PL.1803	B	Consumer	7.56Y	125.9	0.00	0.07	1.80	0	14	0	100	0.00	0.0	0.374	0.000	14	0	1	1		
399776	PL.1803	B	Consumer	7.56Y	125.9	0.00	0.07	1.61	0	12	0	100	0.00	0.0	0.374	0.000	12	0	1	1		
399760	PL.1803	B	Consumer	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	0.374	0.000	0	0	0	0		
399750	PL.1803	B	Consumer	7.56Y	125.9	0.00	0.07	1.54	0	12	0	100	0.00	0.0	0.374	0.000	12	0	1	1		
PL.1804	PL.9597	B	4ACSR	7.56Y	125.9	0.00	0.06	0.77	0	6	0	100	0.00	0.0	0.387	0.031	0	0	0	3		
PL.1805	PL.1804	B	4ACSR	7.56Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	0.441	0.053	0	0	0	0		
399779	PL.1804	B	Consumer	7.56Y	125.9	0.00	0.06	0.19	0	1	0	100	0.00	0.0	0.387	0.000	1	0	1	1		
399746	PL.1804	B	Consumer	7.56Y	125.9	0.00	0.06	0.01	0	0	0	100	0.00	0.0	0.387	0.000	0	0	1	1		
399752	PL.1804	B	Consumer	7.56Y	125.9	0.00	0.06	0.56	0	4	0	100	0.00	0.0	0.387	0.000	4	0	1	1		
PL.20023	PL.9596	A	4/0ACSR	7.55Y	125.9	0.03	0.15	43.88	9	331	4	100	0.14	0.0	0.390	0.090	0	0	0	54		
		B		7.56Y	125.9	0.00	0.05	25.67	5	194	8	100					0	0	0	37		
		C		7.55Y	125.9	0.03	0.12	29.13	6	219	19	100					0	0	0	38		
PL.20024	PL.20023	A	4/0ACSR	7.55Y	125.8	0.01	0.16	43.88	9	331	4	100	0.05	0.0	0.423	0.033	0	0	0	54		
		B		7.56Y	125.9	0.00	0.05	25.67	5	194	8	100					0	0	0	37		
		C		7.55Y	125.9	0.01	0.13	28.24	6	212	18	100					0	0	0	37		
PL.9598	PL.20024	A	4/0ACSR	7.55Y	125.8	0.01	0.17	43.88	9	331	4	100	0.04	0.0	0.453	0.030	0	0	0	54		
		B		7.56Y	125.9	0.00	0.05	25.67	5	194	8	100					0	0	0	37		
		C		7.55Y	125.9	0.01	0.14	23.90	5	180	17	100					0	0	0	32		
PL.9599	PL.9598	A	4/0ACSR	7.55Y	125.8	0.02	0.19	43.88	9	331	4	100	0.08	0.0	0.509	0.056	0	0	0	54		
		B		7.56Y	125.9	0.00	0.05	25.67	5	194	8	100					0	0	0	37		
		C		7.55Y	125.8	0.02	0.15	22.55	5	169	17	100					0	0	0	29		
399731	PL.9599	C	Consumer	7.55Y	125.8	0.00	0.15	0.26	0	2	1	89	0.00	0.0	0.509	0.000	2	1	1	1		
399747	PL.9599	C	Consumer	7.55Y	125.8	0.00	0.15	0.85	0	6	0	100	0.00	0.0	0.509	0.000	6	0	1	1		
399732	PL.9599	C	Consumer	7.55Y	125.8	0.00	0.15	0.62	0	5	0	100	0.00	0.0	0.509	0.000	5	0	1	1		
399729	PL.9599	C	Consumer	7.55Y	125.8	0.00	0.15	0.26	0	2	0	100	0.00	0.0	0.509	0.000	2	0	1	1		
PL.40666	PL.9599	A	4/0ACSR	7.55Y	125.8	0.02	0.21	43.88	9	331	3	100	0.07	0.0	0.562	0.053	0	0	0	54		
		B		7.56Y	125.9	0.00	0.05	25.67	5	194	7	100					0	0	0	37		
		C		7.55Y	125.8	0.01	0.17	20.58	4	155	16	99					0	0	0	25		
PD.7253-A	PL.40666	A	Closed	7.55Y	125.8	0.00	0.21	43.88	0	331	3	100	0.00	0.0	0.562	0.000	0	0	0	54		
		B		7.56Y	125.9	0.00	0.05	25.67	0	194	7	100					0	0	0	37		
		C		7.55Y	125.8	0.00	0.17	20.58	0	155	16	99					0	0	0	25		

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PD.7253-B	PD.7253-A	A	Closed	7.55Y	125.8	0.00	0.21	43.88	0	331	3	100	0.00	0.0	0.562	0.000	0	0	0	54		
		B		7.56Y	125.9	0.00	0.05	25.67	0	194	7	100					0	0	0	37		
		C		7.55Y	125.8	0.00	0.17	20.58	0	155	16	99					0	0	0	25		
PL.40667	PD.7253-B	A	4/0ACSR	7.54Y	125.7	0.09	0.30	43.88	9	331	3	100	0.29	0.0	0.772	0.209	0	0	0	54		
		B		7.56Y	125.9	0.00	0.06	25.67	5	194	7	100					0	0	0	37		
		C		7.55Y	125.8	0.05	0.22	20.58	4	155	16	99					0	0	0	25		
PL.94	PL.40667	A	4/0ACSR	7.54Y	125.7	0.01	0.31	43.88	9	331	3	100	0.04	0.0	0.804	0.032	0	0	0	54		
		B		7.56Y	125.9	0.00	0.06	25.67	5	194	7	100					0	0	0	37		
		C		7.55Y	125.8	0.01	0.23	20.58	4	155	16	99					0	0	0	25		
PL.24713	PL.94	A	4/0ACSR	7.54Y	125.6	0.08	0.39	43.88	9	331	3	100	0.26	0.0	0.993	0.190	0	0	0	54		
		B		7.56Y	125.9	0.00	0.06	25.67	5	194	7	100					0	0	0	37		
		C		7.54Y	125.7	0.05	0.28	20.58	4	155	16	99					0	0	0	25		
398848	PL.24713	B	Consumer	7.56Y	125.9	0.00	0.06	0.50	0	3	2	83	0.00	0.0	0.993	0.000	3	2	1	1		
PL.24714	PL.24713	A	4/0ACSR	7.53Y	125.6	0.03	0.43	43.88	9	331	2	100	0.11	0.0	1.075	0.082	0	0	0	54		
		B		7.56Y	125.9	0.00	0.06	25.22	5	190	6	100					0	0	0	36		
		C		7.54Y	125.7	0.02	0.30	20.58	4	154	16	99					0	0	0	25		
398805	PL.24714	B	Consumer	7.56Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	1.075	0.000	0	0	0	0		
398847	PL.24714	B	Consumer	7.56Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	1.075	0.000	0	0	0	0		
398835	PL.24714	B	Consumer	7.56Y	125.9	0.00	0.06	0.88	0	6	3	89	0.00	0.0	1.075	0.000	6	3	1	1		
PL.24715	PL.24714	A	4/0ACSR	7.53Y	125.5	0.07	0.49	43.88	9	331	2	100	0.23	0.0	1.241	0.166	0	0	0	54		
		B		7.56Y	125.9	-0.00	0.06	24.42	5	184	3	100					0	0	0	35		
		C		7.54Y	125.7	0.05	0.35	20.58	4	154	16	99					0	0	0	25		
PL.9600	PL.24715	A	4/0ACSR	7.53Y	125.4	0.08	0.57	43.38	9	327	2	100	0.25	0.0	1.430	0.189	0	0	0	53		
		B		7.56Y	125.9	-0.00	0.06	24.42	5	184	3	100					0	0	0	35		
		C		7.54Y	125.6	0.05	0.40	20.58	4	154	16	99					0	0	0	25		
PL.9601	PL.9600	A	4/0ACSR	7.53Y	125.4	0.00	0.57	41.48	9	312	1	100	0.01	0.0	1.439	0.009	0	0	0	51		
		B		7.56Y	125.9	-0.00	0.06	20.65	4	156	2	100					0	0	0	31		
		C		7.54Y	125.6	0.00	0.40	20.58	4	154	16	99					0	0	0	25		
PL.9602	PL.9601	A	4/0ACSR	7.53Y	125.4	0.00	0.57	31.33	7	236	-1	-100	0.00	0.0	1.444	0.004	0	0	0	43		
		B		7.56Y	125.9	0.00	0.06	20.65	4	156	2	100					0	0	0	31		
		C		7.54Y	125.6	0.00	0.40	20.58	4	154	16	99					0	0	0	25		
PL.24716	PL.9602	A	4/0ACSR	7.52Y	125.4	0.02	0.59	31.33	7	236	-1	-100	0.06	0.0	1.521	0.078	0	0	0	43		
		B		7.56Y	125.9	0.00	0.06	20.65	4	156	2	100					0	0	0	31		
		C		7.53Y	125.6	0.02	0.42	20.58	4	154	16	99					0	0	0	25		
PL.9603	PL.24716	A	4/0ACSR	7.52Y	125.4	0.01	0.60	30.46	6	229	-2	-100	0.04	0.0	1.570	0.048	0	0	0	42		
		B		7.56Y	125.9	0.00	0.06	20.65	4	156	2	100					0	0	0	31		
		C		7.53Y	125.6	0.01	0.43	20.58	4	154	16	99					0	0	0	25		
PL.9604	PL.9603	A	4/0ACSR	7.52Y	125.4	0.01	0.62	30.46	6	229	-2	-100	0.04	0.0	1.623	0.054	0	0	0	42		
		B		7.56Y	125.9	0.00	0.06	15.66	3	118	0	100					0	0	0	26		
		C		7.53Y	125.6	0.01	0.45	20.58	4	154	16	99					0	0	0	25		
PL.15726	PL.9604	A	4ACSR	7.52Y	125.4	0.01	0.63	9.13	5	69	3	100	0.01	0.0	1.649	0.026	0	0	0	8		
PD.3401	PL.15726	A	25L	7.52Y	125.4	0.00	0.63	9.13	37	69	3	100	0.00	0.0	1.649	0.000	0	0	0	8		
PL.15727	PD.3401	A	4ACSR	7.52Y	125.3	0.09	0.71	9.13	5	69	3	100	0.05	0.1	1.888	0.239	0	0	0	8		
PL.40652	PL.15727	A	4ACSR	7.52Y	125.3	0.00	0.72	6.94	4	52	2	100	0.00	0.0	1.894	0.006	0	0	0	6		
PD.7245-A	PL.40652	A	Closed	7.52Y	125.3	0.00	0.72	6.94	0	52	2	100	0.00	0.0	1.894	0.000	0	0	0	6		
PD.7245-B	PD.7245-A	A	Closed	7.52Y	125.3	0.00	0.72	6.94	0	52	2	100	0.00	0.0	1.894	0.000	0	0	0	6		
PL.40653	PD.7245-B	A	4ACSR	7.52Y	125.3	0.02	0.74	6.94	4	52	2	100	0.01	0.0	1.975	0.081	0	0	0	6		
PL.21204	PL.40653	A	4ACSR	7.52Y	125.3	0.01	0.75	5.29	3	40	2	100	0.00	0.0	2.003	0.028	0	0	0	4		
PL.21203	PL.21204	A	4ACSR	7.52Y	125.3	0.00	0.75	3.35	2	25	1	100	0.00	0.0	2.035	0.032	0	0	0	3		
PL.21202	PL.21203	A	4ACSR	7.51Y	125.2	0.00	0.75	3.35	2	25	1	100	0.00	0.0	2.063	0.027	0	0	0	3		

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 398839, 398859, 398843, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss			KW	KVAR			
PL.21200	PL.21199	C	4ACSR	7.53Y	125.4	0.00	0.56	1.04	1	8	0	100	0.00	0.0	2.327	0.102	0	0	0	1
399803	PL.21200	C	Consumer	7.53Y	125.4	0.00	0.56	1.04	0	8	0	100	0.00	0.0	2.327	0.000	8	0	1	1
399808	PL.21199	C	Consumer	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	2.225	0.000	0	0	1	1
PL.15733	PL.15731	A	4/0ACSR	7.52Y	125.3	0.00	0.67	20.88	4	157	-4	-100	0.02	0.0	2.106	0.038	0	0	0	33
		B		7.55Y	125.9	0.00	0.10	15.66	3	118	0	100					0	0	0	26
		C		7.53Y	125.4	0.01	0.56	19.55	4	146	15	99					0	0	0	23
PL.15734	PL.15733	A	4/0ACSR	7.52Y	125.3	0.00	0.67	20.88	4	157	-4	-100	0.00	0.0	2.115	0.009	0	0	0	33
		B		7.55Y	125.9	0.00	0.10	15.66	3	118	0	100					0	0	0	26
		C		7.53Y	125.4	0.00	0.56	17.36	4	130	15	99					0	0	0	20
399837	PL.15734	C	Consumer	7.53Y	125.4	0.00	0.56	1.85	0	14	0	100	0.00	0.0	2.115	0.000	14	0	1	1
PL.9605	PL.15734	A	4/0ACSR	7.52Y	125.3	0.02	0.69	20.88	4	157	-4	-100	0.05	0.0	2.247	0.132	0	0	0	33
		B		7.55Y	125.9	0.01	0.11	15.66	3	118	0	100					0	0	0	26
		C		7.52Y	125.4	0.02	0.59	15.52	3	116	14	99					0	0	0	19
PL.15735	PL.9605	B	4ACSR	7.55Y	125.9	0.00	0.11	1.54	1	12	0	100	0.00	0.0	2.249	0.002	0	0	0	1
PD.1181	PL.15735	B	fuse6AMP	7.55Y	125.9	0.00	0.11	1.54	26	12	0	100	0.00	0.0	2.249	0.000	0	0	0	1
PL.15736	PD.1181	B	4ACSR	7.55Y	125.9	0.01	0.12	1.54	1	12	0	100	0.00	0.0	2.466	0.216	0	0	0	1
399841	PL.15736	B	Consumer	7.55Y	125.9	0.00	0.12	1.54	0	12	0	100	0.00	0.0	2.466	0.000	12	0	1	1
PL.43669	PL.9605	A	4/0ACSR	7.52Y	125.3	0.00	0.70	20.88	4	157	-5	-100	0.00	0.0	2.259	0.013	0	0	0	33
		B		7.55Y	125.9	0.00	0.11	14.11	3	107	0	100					0	0	0	25
		C		7.52Y	125.4	0.00	0.59	15.52	3	116	14	99					0	0	0	19
PD.250-A	PL.43669	A	Closed	7.52Y	125.3	0.00	0.70	20.88	0	157	-5	-100	0.00	0.0	2.259	0.000	0	0	0	33
		B		7.55Y	125.9	0.00	0.11	14.11	0	107	0	100					0	0	0	25
		C		7.52Y	125.4	0.00	0.59	15.52	0	116	14	99					0	0	0	19
PD.250-B	PD.250-A	A	Closed	7.52Y	125.3	0.00	0.70	20.88	0	157	-5	-100	0.00	0.0	2.259	0.000	0	0	0	33
		B		7.55Y	125.9	0.00	0.11	14.11	0	107	0	100					0	0	0	25
		C		7.52Y	125.4	0.00	0.59	15.52	0	116	14	99					0	0	0	19
PL.43670	PD.250-B	A	4/0ACSR	7.52Y	125.3	0.01	0.71	20.88	4	157	-5	-100	0.03	0.0	2.344	0.084	0	0	0	33
		B		7.55Y	125.9	0.00	0.11	14.11	3	107	0	100					0	0	0	25
		C		7.52Y	125.4	0.02	0.60	15.52	3	116	14	99					0	0	0	19
PL.15738	PL.43670	A	4/0ACSR	7.51Y	125.2	0.09	0.79	20.88	4	157	-5	-100	0.23	0.1	2.942	0.598	0	0	0	33
		B		7.55Y	125.9	0.02	0.14	14.11	3	107	0	-100					0	0	0	25
		C		7.52Y	125.3	0.11	0.72	15.52	3	116	14	99					0	0	0	19
PL.123	PL.15738	A	4/0ACSR	7.51Y	125.1	0.08	0.87	20.88	4	157	-5	-100	0.21	0.1	3.470	0.528	0	0	0	33
		B		7.55Y	125.8	0.02	0.16	14.11	3	107	0	-100					0	0	0	25
		C		7.51Y	125.2	0.10	0.82	15.52	3	116	14	99					0	0	0	19
PL.122	PL.123	A	4/0ACSR	7.50Y	125.0	0.11	0.98	20.88	4	157	-5	-100	0.30	0.1	4.252	0.782	0	0	0	33
		B		7.55Y	125.8	0.03	0.19	14.11	3	107	0	-100					0	0	0	25
		C		7.50Y	125.0	0.15	0.97	15.52	3	116	14	99					0	0	0	19
PL.9606	PL.122	A	4/0ACSR	7.50Y	125.0	0.00	0.99	20.88	4	157	-5	-100	0.01	0.0	4.270	0.017	0	0	0	33
		B		7.55Y	125.8	0.00	0.19	14.11	3	107	0	-100					0	0	0	25
		C		7.50Y	125.0	0.00	0.97	15.52	3	116	14	99					0	0	0	19
PL.9607	PL.9606	A	4/0ACSR	7.50Y	125.0	0.05	1.03	20.88	4	157	-5	-100	0.13	0.0	4.600	0.331	0	0	0	33
		B		7.55Y	125.8	0.01	0.20	14.11	3	107	0	-100					0	0	0	25
		C		7.50Y	125.0	0.06	1.03	15.52	3	116	14	99					0	0	0	19
PL.27264	PL.9607	A	4/0ACSR	7.49Y	124.9	0.07	1.10	20.88	4	156	-6	-100	0.18	0.0	5.059	0.459	0	0	0	33
		B		7.55Y	125.8	0.02	0.22	14.11	3	107	0	-100					0	0	0	25
		C		7.49Y	124.9	0.09	1.12	15.52	3	116	14	99					0	0	0	19
PD.413-A	PL.27264	A	Closed	7.49Y	124.9	0.00	1.10	20.88	0	156	-6	-100	0.00	0.0	5.059	0.000	0	0	0	33
		B		7.55Y	125.8	0.00	0.22	14.11	0	107	0	-100					0	0	0	25
		C		7.49Y	124.9	0.00	1.12	15.52	0	115	14	99					0	0	0	19
PD.413-B	PD.413-A	A	Closed	7.49Y	124.9	0.00	1.10	20.88	0	156	-6	-100	0.00	0.0	5.059	0.000	0	0	0	33
		B		7.55Y	125.8	0.00	0.22	14.11	0	107	0	-100					0	0	0	25
		C		7.49Y	124.9	0.00	1.12	15.52	0	115	14	99					0	0	0	19

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.27265, PD.1519, PL.29614, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.29259, PL.29260, PL.29263, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements 465405 through 452905.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
452923	PL.29441	C	Consumer	7.49Y	124.9	0.00	1.12	0.06	0	0	0	100	0.00	0.0	6.900	0.000	0	0	1	1
PL.29442	PL.29441	A	1/0EPRJCN	7.49Y	124.8	0.00	1.24	0.97	1	4	-6	-55	0.00	0.0	6.971	0.071	0	0	0	4
P		B		7.54Y	125.7	0.00	0.32	1.56	1	6	-10	-50					0	0	0	13
		C		7.49Y	124.9	0.00	1.12	1.06	1	4	-7	-46					0	0	0	5 P
PL.29440	PL.29442	A	1/0EPRJCN	7.49Y	124.8	0.00	1.24	0.93	0	4	-6	-55	0.00	0.0	7.064	0.093	0	0	0	4
P		B		7.54Y	125.7	0.00	0.32	1.00	1	4	-7	-48					0	0	0	5 P
P		C		7.49Y	124.9	0.00	1.12	1.02	1	4	-7	-48					0	0	0	5 P
PL.29438	PL.29440	A	1/0EPRJCN	7.49Y	124.8	0.00	1.24	0.88	0	4	-5	-62	0.00	0.0	7.170	0.106	0	0	0	4
		B		7.54Y	125.7	0.00	0.32	0.95	1	4	-6	-51					0	0	0	5
		C		7.49Y	124.9	0.00	1.12	0.97	1	4	-6	-50					0	0	0	5
P PL.29503	PL.29438	B	1/0EPRJCN	7.54Y	125.7	-0.00	0.32	-0.05	0	0	0	100	0.00	0.0	7.209	0.039	0	0	0	2 P
P PL.29632	PL.29503	B	1/0EPRJCN	7.54Y	125.7	-0.00	0.32	-0.02	0	0	0	100	0.00	0.0	7.227	0.018	0	0	0	2 P
P PL.29172	PL.29632	B	1/0EPRJCN	7.54Y	125.7	0.00	0.32	-0.01	0	0	0	100	0.00	0.0	7.244	0.016	0	0	0	0 P
453913	PL.29632	B	Consumer	7.54Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	7.227	0.000	0	0	1	1
452924	PL.29632	B	Consumer	7.54Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	7.227	0.000	0	0	1	1
PL.29439	PL.29438	A	1/0EPRJCN	7.49Y	124.8	0.00	1.24	0.83	0	4	-5	-62	0.00	0.0	7.263	0.093	0	0	0	4
		B		7.54Y	125.7	0.00	0.32	0.86	0	4	-5	-56					0	0	0	3
		C		7.49Y	124.9	0.00	1.12	0.92	0	4	-6	-53					0	0	0	5
PL.29596	PL.29439	A	1/0EPRJCN	7.49Y	124.8	-0.00	1.24	0.78	0	4	-5	-62	0.00	0.0	7.265	0.001	0	0	0	4
		B		7.54Y	125.7	0.00	0.32	0.81	0	4	-5	-60					0	0	0	3
		C		7.49Y	124.9	0.00	1.12	0.87	0	4	-5	-56					0	0	0	5
P PL.29624	PL.29596	C	1/0EPRJCN	7.49Y	124.9	-0.00	1.12	-0.09	0	0	-1	0	0.00	0.0	7.280	0.015	0	0	0	2 P
P PL.29502	PL.29624	C	1/0EPRJCN	7.49Y	124.9	-0.00	1.12	-0.08	0	0	-1	0	0.00	0.0	7.300	0.021	0	0	0	2 P
P PL.29501	PL.29502	C	1/0EPRJCN	7.49Y	124.9	-0.00	1.12	-0.07	0	0	-1	0	0.00	0.0	7.374	0.074	0	0	0	2 P
PL.29500	PL.29501	C	1/0EPRJCN	7.49Y	124.9	-0.00	1.12	-0.02	0	0	0	100	0.00	0.0	7.412	0.037	0	0	0	2
452938	PL.29500	C	Consumer	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	7.412	0.000	0	0	1	1
452935	PL.29500	C	Consumer	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	7.412	0.000	0	0	0	0
452920	PL.29500	C	Consumer	7.49Y	124.9	0.00	1.12	0.00	0	0	0	100	0.00	0.0	7.412	0.000	0	0	1	1
P PL.2803	PL.29596	A	1/0EPRJCN	7.49Y	124.8	-0.00	1.24	-0.01	0	0	0	100	0.00	0.0	7.286	0.021	0	0	0	1 P
452941	PL.2803	A	Consumer	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	7.286	0.000	0	0	1	1
PL.29537	PL.29596	A	1/0EPRJCN	7.49Y	124.8	0.00	1.24	0.77	0	4	-4	-71	0.00	0.0	7.415	0.151	0	0	0	3
		B		7.54Y	125.7	0.00	0.32	0.81	0	4	-5	-60					0	0	0	3
		C		7.49Y	124.9	0.00	1.12	0.79	0	4	-5	-61					0	0	0	3
P PL.29544	PL.29537	A	1/0EPRJCN	7.49Y	124.8	-0.00	1.24	0.50	0	0	-4	0	0.00	0.0	7.487	0.071	0	0	0	2 P
P		B		7.54Y	125.7	-0.00	0.32	-0.59	0	0	-4	0					0	0	0	3 P
P		C		7.49Y	124.9	-0.00	1.12	-0.57	0	0	-4	0					0	0	0	3 P
P PL.29436	PL.29544	A	2ALUD	7.49Y	124.8	-0.00	1.24	0.46	0	0	-3	0	0.00	0.0	7.539	0.053	0	0	0	2 P
P		B		7.54Y	125.7	-0.00	0.32	-0.54	0	0	-4	0					0	0	0	3 P
P		C		7.49Y	124.9	-0.00	1.12	-0.52	0	0	-4	0					0	0	0	3 P
P PL.29250	PL.29436	A	2ALUD	7.49Y	124.8	0.00	1.24	0.04	0	0	0	100	0.00	0.0	7.613	0.074	0	0	0	1 P
452915	PL.29250	A	Consumer	7.49Y	124.8	0.00	1.24	0.01	0	0	0	100	0.00	0.0	7.613	0.000	0	0	1	1
P PL.29437	PL.29436	A	2ALUD	7.49Y	124.8	-0.00	1.24	-0.38	0	0	-3	0	0.00	0.0	7.563	0.024	0	0	0	1 P
P		B		7.54Y	125.7	-0.00	0.32	-0.51	0	0	-4	0					0	0	0	3 P
P		C		7.49Y	124.9	-0.00	1.12	-0.49	0	0	-4	0					0	0	0	3 P
P PL.29630	PL.29437	B	2ALUD	7.54Y	125.7	-0.00	0.32	-0.09	0	0	-1	0	0.00	0.0	7.581	0.017	0	0	0	2 P
452901	PL.29630	B	Consumer	7.54Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	7.581	0.000	0	0	1	1
P PL.29249	PL.29630	B	2ALUD	7.54Y	125.7	-0.00	0.32	-0.08	0	0	-1	0	0.00	0.0	7.639	0.058	0	0	0	1 P

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.29248, PL.29247, 452902, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes data for various elements like 453902, PL.29625, 452903, etc.

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

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.29427, PL.2800, 452934, etc.

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

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.29431, 452914, PL.30942, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss		Length (mi)	KW			KVAR	
PL.21196	PL.21197	C	4ACSR	7.53Y	125.4	0.00	0.58	1.46	1	11	0	100	0.00	0.0	2.355	0.042	0	0	0	1
399836	PL.21196	C	Consumer	7.53Y	125.4	0.00	0.58	1.46	0	11	0	100	0.00	0.0	2.355	0.000	11	0	1	1
PL.40656	PL.40659	A	4ACSR	7.52Y	125.4	0.00	0.65	0.46	0	3	0	100	0.00	0.0	1.876	0.007	0	0	0	1
PD.7247	PL.40656	A	fuse6AMP	7.52Y	125.4	0.00	0.65	0.46	8	3	0	100	0.00	0.0	1.876	0.000	0	0	0	1
PL.40657	PD.7247	A	4ACSR	7.52Y	125.4	0.00	0.65	0.46	0	3	0	100	0.00	0.0	1.935	0.059	0	0	0	1
398849	PL.40657	A	Consumer	7.52Y	125.4	0.00	0.65	0.46	0	3	0	100	0.00	0.0	1.935	0.000	3	0	1	1
398837	PL.9603	B	Consumer	7.56Y	125.9	0.00	0.06	0.87	0	7	0	100	0.00	0.0	1.570	0.000	7	0	1	1
398841	PL.9603	B	Consumer	7.56Y	125.9	0.00	0.06	1.43	0	11	0	100	0.00	0.0	1.570	0.000	11	0	1	1
PL.1815	PL.9603	B	4ACSR	7.56Y	125.9	0.01	0.07	2.69	1	20	1	100	0.00	0.0	1.619	0.049	0	0	0	3
398852	PL.1815	B	Consumer	7.56Y	125.9	0.00	0.07	0.71	0	5	0	100	0.00	0.0	1.619	0.000	5	0	1	1
398861	PL.1815	B	Consumer	7.56Y	125.9	0.00	0.07	0.33	0	3	0	100	0.00	0.0	1.619	0.000	3	0	1	1
398851	PL.1815	B	Consumer	7.56Y	125.9	0.00	0.07	1.65	0	12	0	100	0.00	0.0	1.619	0.000	12	0	1	1
398816	PL.24716	C	Consumer	7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	1.521	0.000	0	0	0	0
398854	PL.24716	A	Consumer	7.52Y	125.4	0.00	0.59	0.87	0	7	0	100	0.00	0.0	1.521	0.000	7	0	1	1
398856	PL.24716	C	Consumer	7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	1.521	0.000	0	0	0	0
398832	PL.24716	B	Consumer	7.56Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	1.521	0.000	0	0	0	0
PL.15720	PL.9601	A	4ACSR	7.53Y	125.4	0.00	0.57	10.16	5	76	2	100	0.00	0.0	1.442	0.003	0	0	0	8
C PD.1182	PL.15720	A	fuse8AMP	7.53Y	125.4	0.00	0.57	10.16	139	76	2	100	0.00	0.0	1.442	0.000	0	0	0	8 C
PL.21516	PD.1182	A	4ACSR	7.52Y	125.4	0.02	0.59	10.16	5	76	2	100	0.01	0.0	1.480	0.038	0	0	0	8
398817	PL.21516	A	Consumer	7.52Y	125.4	0.00	0.59	1.09	0	8	0	100	0.00	0.0	1.480	0.000	8	0	1	1
PL.21206	PL.21516	A	4ACSR	7.52Y	125.4	0.01	0.60	9.06	5	68	2	100	0.01	0.0	1.511	0.031	0	0	0	7
398857	PL.21206	A	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	1.511	0.000	0	0	0	0
398820	PL.21206	A	Consumer	7.52Y	125.4	0.00	0.60	1.22	0	9	0	100	0.00	0.0	1.511	0.000	9	0	1	1
398818	PL.21206	A	Consumer	7.52Y	125.4	0.00	0.60	1.11	0	8	0	100	0.00	0.0	1.511	0.000	8	0	1	1
PL.23023	PL.21206	A	4ACSR	7.52Y	125.4	0.01	0.61	6.73	3	51	2	100	0.00	0.0	1.553	0.041	0	0	0	5
PL.23024	PL.23023	A	4ACSR	7.52Y	125.4	0.00	0.61	3.63	2	27	1	100	0.00	0.0	1.555	0.002	0	0	0	3
PL.21205	PL.23024	A	4ACSR	7.52Y	125.4	0.01	0.62	3.63	2	27	1	100	0.00	0.0	1.597	0.042	0	0	0	3
398828	PL.21205	A	Consumer	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	1.597	0.000	0	0	0	0
398831	PL.21205	A	Consumer	7.52Y	125.4	0.00	0.62	1.26	0	9	0	100	0.00	0.0	1.597	0.000	9	0	1	1
398827	PL.21205	A	Consumer	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	1.597	0.000	0	0	0	0
398826	PL.21205	A	Consumer	7.52Y	125.4	0.00	0.62	1.26	0	9	0	100	0.00	0.0	1.597	0.000	9	0	1	1
398830	PL.21205	A	Consumer	7.52Y	125.4	0.00	0.62	1.11	0	8	0	100	0.00	0.0	1.597	0.000	8	0	1	1
398822	PL.23023	A	Consumer	7.52Y	125.4	0.00	0.61	1.86	0	14	0	100	0.00	0.0	1.553	0.000	14	0	1	1
398823	PL.23023	A	Consumer	7.52Y	125.4	0.00	0.61	0.00	0	0	0	100	0.00	0.0	1.553	0.000	0	0	0	0
398824	PL.23023	A	Consumer	7.52Y	125.4	0.00	0.61	1.25	0	9	0	100	0.00	0.0	1.553	0.000	9	0	1	1
398810	PL.9600	B	Consumer	7.56Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	1.430	0.000	0	0	0	0
398811	PL.9600	B	Consumer	7.56Y	125.9	0.00	0.06	1.05	0	8	0	100	0.00	0.0	1.430	0.000	8	0	1	1
398812	PL.9600	A	Consumer	7.53Y	125.4	0.00	0.57	1.28	0	10	0	100	0.00	0.0	1.430	0.000	10	0	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 2 (CAVERUN2) beginning with Device PD.3887.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss			KW	KVAR			
PL.29081	PL.29080	B	4ACSR	7.56Y	126.0	0.00	0.01	9.97	5	75	2	100	0.00	0.0	0.035	0.005	0	0	0	11
PL.29082	PL.29081	B	4ACSR	7.56Y	126.0	0.00	0.02	9.97	5	75	2	100	0.00	0.0	0.044	0.009	0	0	0	11
PD.7249	PL.29082	B	70V4E	7.56Y	126.0	0.00	0.02	9.97	0	75	2	100	0.00	0.0	0.044	0.000	0	0	0	11
PL.28319	PD.7249	B	4ACSR	7.56Y	126.0	0.01	0.03	9.97	5	75	2	100	0.01	0.0	0.067	0.023	0	0	0	11
PL.29083	PL.28319	B	4ACSR	7.56Y	126.0	0.00	0.03	7.52	4	57	2	100	0.00	0.0	0.077	0.010	0	0	0	7
PL.29084	PL.29083	B	4ACSR	7.56Y	126.0	0.01	0.04	7.52	4	57	2	100	0.00	0.0	0.108	0.031	0	0	0	7
PL.27473	PL.29084	B	4ACSR	7.56Y	126.0	0.00	0.04	7.52	4	57	2	100	0.00	0.0	0.119	0.011	0	0	0	7
PL.21192	PL.27473	B	4ACSR	7.56Y	126.0	0.01	0.05	7.52	4	57	2	100	0.00	0.0	0.138	0.019	0	0	0	7
PL.21193	PL.21192	B	4ACSR	7.56Y	125.9	0.00	0.05	4.24	2	32	1	100	0.00	0.0	0.165	0.027	0	0	0	4
PL.23021	PL.21193	B	4ACSR	7.56Y	125.9	0.00	0.06	4.24	2	32	1	100	0.00	0.0	0.180	0.015	0	0	0	4
399780	PL.23021	B	Consumer	7.56Y	125.9	0.00	0.06	1.86	0	14	0	100	0.00	0.0	0.180	0.000	14	0	1	1
PL.23022	PL.23021	B	4ACSR	7.56Y	125.9	0.01	0.06	2.38	1	18	1	100	0.00	0.0	0.260	0.080	0	0	0	3
PL.21194	PL.23022	B	4ACSR	7.56Y	125.9	0.00	0.07	1.78	1	13	0	100	0.00	0.0	0.284	0.024	0	0	0	1
399778	PL.21194	B	Consumer	7.56Y	125.9	0.00	0.07	1.78	0	13	0	100	0.00	0.0	0.284	0.000	13	0	1	1
399757	PL.23022	B	Consumer	7.56Y	125.9	0.00	0.06	0.30	0	2	0	100	0.00	0.0	0.260	0.000	2	0	1	1
399786	PL.23022	B	Consumer	7.56Y	125.9	0.00	0.06	0.30	0	2	0	100	0.00	0.0	0.260	0.000	2	0	1	1
399775	PL.21192	B	Consumer	7.56Y	126.0	0.00	0.05	1.10	0	8	0	100	0.00	0.0	0.138	0.000	8	0	1	1
399787	PL.21192	B	Consumer	7.56Y	126.0	0.00	0.05	1.36	0	10	0	100	0.00	0.0	0.138	0.000	10	0	1	1
399737	PL.21192	B	Consumer	7.56Y	126.0	0.00	0.05	0.82	0	6	0	100	0.00	0.0	0.138	0.000	6	0	1	1
PL.27474	PL.29084	B	4ACSR	7.56Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	0.159	0.051	0	0	0	0
PL.29076	PL.28319	B	4ACSR	7.56Y	126.0	0.00	0.03	2.45	1	19	1	100	0.00	0.0	0.094	0.027	0	0	0	4
PL.43758	PL.29076	B	4ACSR	7.56Y	126.0	0.01	0.04	2.45	1	19	1	100	0.00	0.0	0.183	0.089	0	0	0	4
3997110	PL.43758	B	Consumer	7.56Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	0.183	0.000	0	0	0	0
PL.43759	PL.43758	B	4ACSR	7.56Y	126.0	0.01	0.04	2.45	1	19	1	100	0.00	0.0	0.234	0.051	0	0	0	4
PL.27472	PL.43759	B	4ACSR	7.56Y	126.0	0.01	0.05	2.45	1	19	1	100	0.00	0.0	0.286	0.052	0	0	0	3
3997102	PL.27472	B	Consumer	7.56Y	126.0	0.00	0.05	0.77	0	6	0	100	0.00	0.0	0.286	0.000	6	0	1	1
3997101	PL.27472	B	Consumer	7.56Y	126.0	0.00	0.05	1.20	0	9	0	100	0.00	0.0	0.286	0.000	9	0	1	1
PL.21195	PL.27472	B	4ACSR	7.56Y	125.9	0.00	0.05	0.48	0	4	0	100	0.00	0.0	0.327	0.041	0	0	0	1
399724	PL.21195	B	Consumer	7.56Y	125.9	0.00	0.05	0.48	0	4	0	100	0.00	0.0	0.327	0.000	4	0	1	1
PL.40660	PL.43759	B	4ACSR	7.56Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	0.241	0.007	0	0	0	1
PD.7250	PL.40660	B	fuse6AMP	7.56Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	0.241	0.000	0	0	0	1
PL.40661	PD.7250	B	4ACSR	7.56Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	0.279	0.038	0	0	0	1
PL.19018	PL.40661	B	4ACSR	7.56Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	0.326	0.047	0	0	0	1
PL.27996	PL.19018	B	4ACSR	7.56Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	0.374	0.048	0	0	0	1
PL.27997	PL.27996	B	4ACSR	7.56Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	0.423	0.048	0	0	0	1
399799	PL.27997	B	Consumer	7.56Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	0.423	0.000	0	0	1	1
3997111	PL.19018	B	Consumer	7.56Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	0.326	0.000	0	0	0	0
3997113	PL.19018	B	Consumer	7.56Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	0.326	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.9612, 3997100, 399797, PL.23995, PL.29823, PL.37684, PD.7582-B, PL.29824, PD.246-A, PD.246-B, PL.20123, PL.18819, PL.30959, PD.1178, PL.30960, 399708, 399705, PL.23629, PL.121, PL.6534, PL.8605, PL.9158.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.15542, C PD.1036, PL.15543, PL.124, PL.9159, PL.9160, 450823, PL.6537, PL.9229, PL.15548, PD.1037, PL.15549, 450805, 450824, PL.20405, PD.399-A, PD.399-B, PL.20406, PL.6536, 450804.

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

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.6535	PL.6536	A	1/0ACSR	7.52Y	125.3	0.03	0.73	38.43	12	283	56	98	0.33	0.0	1.152	0.066	0	0	0	57		
		B		7.52Y	125.4	0.04	0.60	34.78	11	256	56	98					0	0	0	39		
		C		7.49Y	124.9	0.07	1.08	55.62	17	411	70	99					0	0	0	85		
PL.9220	PL.6535	A	1/0ACSR	7.51Y	125.2	0.10	0.83	38.43	12	283	56	98	1.05	0.1	1.361	0.209	0	0	0	57		
		B		7.52Y	125.3	0.14	0.74	34.78	11	256	56	98					0	0	0	39		
		C		7.48Y	124.7	0.22	1.30	55.62	17	411	70	99					0	0	0	85		
PL.9221	PL.9220	A	1/0ACSR	7.51Y	125.1	0.06	0.88	38.43	12	283	55	98	0.62	0.1	1.485	0.124	0	0	0	57		
		B		7.51Y	125.2	0.08	0.82	34.78	11	255	56	98					0	0	0	39		
		C		7.47Y	124.6	0.13	1.43	55.62	17	410	69	99					0	0	0	85		
PL.20888	PL.9221	A	4ACSR	7.51Y	125.1	0.01	0.89	37.53	19	277	52	98	0.09	0.0	1.492	0.007	0	0	0	56		
		B		7.51Y	125.2	0.01	0.83	34.78	18	255	56	98					0	0	0	39		
		C		7.47Y	124.6	0.02	1.44	55.62	29	410	69	99					0	0	0	85		
PD.396-A	PL.20888	A	Closed	7.51Y	125.1	0.00	0.89	37.53	0	277	52	98	0.00	0.0	1.492	0.000	0	0	0	56		
		B		7.51Y	125.2	0.00	0.83	34.78	0	255	56	98					0	0	0	39		
		C		7.47Y	124.6	0.00	1.44	55.62	0	410	69	99					0	0	0	85		
PD.396-B	PD.396-A	A	Closed	7.51Y	125.1	0.00	0.89	37.53	0	277	52	98	0.00	0.0	1.492	0.000	0	0	0	56		
		B		7.51Y	125.2	0.00	0.83	34.78	0	255	56	98					0	0	0	39		
		C		7.47Y	124.6	0.00	1.44	55.62	0	410	69	99					0	0	0	85		
PL.20889	PD.396-B	A	1/0ACSR	7.50Y	125.0	0.11	1.01	37.53	11	277	52	98	1.29	0.1	1.749	0.257	0	0	0	56		
		B		7.50Y	125.0	0.17	1.00	34.78	11	255	56	98					0	0	0	39		
		C		7.46Y	124.3	0.26	1.71	55.62	17	410	69	99					0	0	0	85		
PL.27914	PL.20889	C	4ACSR	7.46Y	124.3	0.00	1.71	14.56	8	109	3	100	0.00	0.0	1.755	0.005	0	0	0	43		
PD.2662	PL.27914	C	35L	7.46Y	124.3	0.00	1.71	14.56	42	109	3	100	0.00	0.0	1.755	0.000	0	0	0	43		
PL.27915	PD.2662	C	4ACSR	7.45Y	124.2	0.05	1.76	14.56	8	109	3	100	0.04	0.0	1.836	0.081	0	0	0	43		
PL.6533	PL.27915	C	4ACSR	7.45Y	124.2	0.03	1.79	14.56	8	108	3	100	0.02	0.0	1.882	0.046	0	0	0	43		
PL.9230	PL.6533	C	4ACSR	7.45Y	124.2	0.02	1.81	8.99	5	67	2	100	0.01	0.0	1.935	0.053	0	0	0	22		
PL.9231	PL.9230	C	4ACSR	7.45Y	124.2	0.01	1.82	6.72	3	50	2	100	0.00	0.0	1.970	0.035	0	0	0	16		
PL.17940	PL.9231	C	4ACSR	7.45Y	124.2	0.00	1.82	3.89	2	29	1	100	0.00	0.0	1.970	0.000	0	0	0	11		
PL.17941	PL.17940	C	4ACSR	7.45Y	124.2	0.00	1.82	3.89	2	29	1	100	0.00	0.0	1.997	0.026	0	0	0	11		
PL.9232	PL.17941	C	4ACSR	7.45Y	124.2	0.00	1.82	1.90	1	14	0	100	0.00	0.0	2.040	0.043	0	0	0	9		
451760	PL.9232	C	Consumer	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	2.040	0.000	0	0	1	1		
PL.19335	PL.9232	C	4ACSR	7.45Y	124.2	0.00	1.83	1.44	1	11	0	100	0.00	0.0	2.105	0.065	0	0	0	6		
451758	PL.19335	C	Consumer	7.45Y	124.2	0.00	1.83	0.17	0	1	0	100	0.00	0.0	2.105	0.000	1	0	1	1		
PL.43966	PL.19335	C	4ACSR	7.45Y	124.2	0.00	1.83	0.02	0	0	0	100	0.00	0.0	2.135	0.031	0	0	0	1		
451709	PL.43966	C	Consumer	7.45Y	124.2	0.00	1.83	0.02	0	0	0	100	0.00	0.0	2.135	0.000	0	0	1	1		
4517063	PL.43966	C	Consumer	7.45Y	124.2	0.00	1.83	0.00	0	0	0	100	0.00	0.0	2.135	0.000	0	0	0	0		
PL.19713	PL.19335	C	4ACSR	7.45Y	124.2	0.00	1.83	1.25	1	9	0	100	0.00	0.0	2.135	0.030	0	0	0	4		
451727	PL.19713	C	Consumer	7.45Y	124.2	0.00	1.83	0.56	0	4	0	100	0.00	0.0	2.135	0.000	4	0	1	1		
PL.19714	PL.19713	C	4ACSR	7.45Y	124.2	0.00	1.83	0.69	0	5	0	100	0.00	0.0	2.183	0.049	0	0	0	3		
PL.6530	PL.19714	C	4ACSR	7.45Y	124.2	0.00	1.83	0.47	0	4	0	100	0.00	0.0	2.267	0.084	0	0	0	1		
PL.40808	PL.6530	C	4ACSR	7.45Y	124.2	0.00	1.83	0.47	0	4	0	100	0.00	0.0	2.425	0.158	0	0	0	1		
PD.7262-A	PL.40808	C	Closed	7.45Y	124.2	0.00	1.83	0.47	0	4	0	100	0.00	0.0	2.425	0.000	0	0	0	1		
PD.7262-B	PD.7262-A	C	Closed	7.45Y	124.2	0.00	1.83	0.47	0	4	0	100	0.00	0.0	2.425	0.000	0	0	0	1		
PL.40809	PD.7262-B	C	4ACSR	7.45Y	124.2	0.01	1.84	0.47	0	4	0	100	0.00	0.0	2.785	0.360	0	0	0	1		
451601	PL.40809	C	Consumer	7.45Y	124.2	0.00	1.84	0.47	0	4	0	100	0.00	0.0	2.785	0.000	4	0	1	1		

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
451710	PL.19714	C	Consumer	7.45Y	124.2	0.00	1.83	0.22	0	2	0	100	0.00	0.0	2.183	0.000	2	0	1	1
451747	PL.19714	C	Consumer	7.45Y	124.2	0.00	1.83	0.00	0	0	0	100	0.00	0.0	2.183	0.000	0	0	1	1
PL.40806	PL.9232	C	4ACSR	7.45Y	124.2	0.00	1.82	0.46	0	3	0	100	0.00	0.0	2.045	0.005	0	0	0	2
PD.7261	PL.40806	C	fuse6AMP	7.45Y	124.2	0.00	1.82	0.46	8	3	0	100	0.00	0.0	2.045	0.000	0	0	0	2
PL.40807	PD.7261	C	4ACSR	7.45Y	124.2	0.00	1.82	0.46	0	3	0	100	0.00	0.0	2.080	0.035	0	0	0	2
PL.2794	PL.40807	C	4ACSR	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	2.112	0.032	0	0	0	1
451762	PL.2794	C	Consumer	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	2.112	0.000	0	0	1	1
451712	PL.40807	C	Consumer	7.45Y	124.2	0.00	1.82	0.46	0	3	0	100	0.00	0.0	2.080	0.000	3	0	1	1
451749	PL.17941	C	Consumer	7.45Y	124.2	0.00	1.82	0.67	0	5	0	100	0.00	0.0	1.997	0.000	5	0	1	1
PL.40804	PL.17941	C	4ACSR	7.45Y	124.2	0.00	1.82	1.32	1	10	0	100	0.00	0.0	2.001	0.004	0	0	0	1
PD.7260	PL.40804	C	fuse6AMP	7.45Y	124.2	0.00	1.82	1.32	23	10	0	100	0.00	0.0	2.001	0.000	0	0	0	1
PL.40805	PD.7260	C	4ACSR	7.45Y	124.2	0.00	1.82	1.32	1	10	0	100	0.00	0.0	2.084	0.083	0	0	0	1
PL.2791	PL.40805	C	4ACSR	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	2.164	0.081	0	0	0	0
451730	PL.40805	C	Consumer	7.45Y	124.2	0.00	1.82	1.32	0	10	0	100	0.00	0.0	2.084	0.000	10	0	1	1
PL.6532	PL.17940	C	4ACSR	7.45Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	1.970	0.000	0	0	0	0
451752	PL.9231	C	Consumer	7.45Y	124.2	0.00	1.82	0.28	0	2	0	100	0.00	0.0	1.970	0.000	2	0	1	1
PL.40802	PL.9231	C	4ACSR	7.45Y	124.2	0.00	1.82	2.55	1	19	1	100	0.00	0.0	1.975	0.005	0	0	0	4
PD.7259	PL.40802	C	fuse6AMP	7.45Y	124.2	0.00	1.82	2.55	44	19	1	100	0.00	0.0	1.975	0.000	0	0	0	4
PL.40803	PD.7259	C	4ACSR	7.45Y	124.2	0.00	1.82	2.55	1	19	1	100	0.00	0.0	2.017	0.042	0	0	0	4
PL.22911	PL.40803	C	4ACSR	7.45Y	124.2	0.00	1.82	1.08	1	8	0	100	0.00	0.0	2.049	0.032	0	0	0	3
451732	PL.22911	C	Consumer	7.45Y	124.2	0.00	1.82	0.77	0	6	0	100	0.00	0.0	2.049	0.000	6	0	1	1
451735	PL.22911	C	Consumer	7.45Y	124.2	0.00	1.82	0.01	0	0	0	100	0.00	0.0	2.049	0.000	0	0	1	1
451731	PL.22911	C	Consumer	7.45Y	124.2	0.00	1.82	0.30	0	2	0	100	0.00	0.0	2.049	0.000	2	0	1	1
451744	PL.40803	C	Consumer	7.45Y	124.2	0.00	1.82	1.47	0	11	0	100	0.00	0.0	2.017	0.000	11	0	1	1
451751	PL.9230	C	Consumer	7.45Y	124.2	0.00	1.81	0.10	0	1	0	100	0.00	0.0	1.935	0.000	1	0	1	1
451736	PL.9230	C	Consumer	7.45Y	124.2	0.00	1.81	0.23	0	2	0	100	0.00	0.0	1.935	0.000	2	0	1	1
PL.40676	PL.9230	C	4ACSR	7.45Y	124.2	0.00	1.81	1.94	1	14	0	100	0.00	0.0	1.940	0.005	0	0	0	4
PD.7258	PL.40676	C	fuse6AMP	7.45Y	124.2	0.00	1.81	1.94	33	14	0	100	0.00	0.0	1.940	0.000	0	0	0	4
PL.40677	PD.7258	C	4ACSR	7.45Y	124.2	0.00	1.81	1.94	1	14	0	100	0.00	0.0	1.970	0.030	0	0	0	4
451733	PL.40677	C	Consumer	7.45Y	124.2	0.00	1.81	0.05	0	0	0	100	0.00	0.0	1.970	0.000	0	0	1	1
451739	PL.40677	C	Consumer	7.45Y	124.2	0.00	1.81	1.17	0	9	0	100	0.00	0.0	1.970	0.000	9	0	1	1
451728	PL.40677	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	1.970	0.000	0	0	1	1
451729	PL.40677	C	Consumer	7.45Y	124.2	0.00	1.81	0.72	0	5	0	100	0.00	0.0	1.970	0.000	5	0	1	1
451757	PL.6533	C	Consumer	7.45Y	124.2	0.00	1.79	0.37	0	3	0	100	0.00	0.0	1.882	0.000	3	0	1	1
451748	PL.6533	C	Consumer	7.45Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	1.882	0.000	0	0	1	1
PL.40674	PL.6533	C	4ACSR	7.45Y	124.2	0.00	1.79	5.20	3	39	1	100	0.00	0.0	1.887	0.005	0	0	0	19
C PD.7256	PL.40674	C	fuse6AMP	7.45Y	124.2	0.00	1.79	5.20	89	39	1	100	0.00	0.0	1.887	0.000	0	0	0	19 C
PL.40675	PD.7256	C	4ACSR	7.45Y	124.2	0.01	1.80	5.20	3	39	1	100	0.00	0.0	1.955	0.067	0	0	0	19

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.21911	PL.40675	C	4ACSR	7.45Y	124.2	0.00	1.80	5.20	3	39	1	100	0.00	0.0	1.956	0.002	0	0	0	19
451713	PL.21911	C	Consumer	7.45Y	124.2	0.00	1.80	0.44	0	3	0	100	0.00	0.0	1.956	0.000	3	0	1	1
451734	PL.21911	C	Consumer	7.45Y	124.2	0.00	1.80	0.04	0	0	0	100	0.00	0.0	1.956	0.000	0	0	1	1
PL.21912	PL.21911	C	4ACSR	7.45Y	124.2	0.01	1.81	4.72	2	35	1	100	0.00	0.0	1.988	0.032	0	0	0	17
451754	PL.21912	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	1.988	0.000	0	0	1	1
451720	PL.21912	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	1.988	0.000	0	0	1	1
451723	PL.21912	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	1.988	0.000	0	0	1	1
451722	PL.21912	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	1.988	0.000	0	0	1	1
451755	PL.21912	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	1.988	0.000	0	0	1	1
451741	PL.21912	C	Consumer	7.45Y	124.2	0.00	1.81	0.07	0	1	0	100	0.00	0.0	1.988	0.000	1	0	1	1
451721	PL.21912	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	1.988	0.000	0	0	0	0
PL.22664	PL.21912	C	4ACSR	7.45Y	124.2	0.01	1.81	4.64	2	35	1	100	0.00	0.0	2.017	0.029	0	0	0	11
451716	PL.22664	C	Consumer	7.45Y	124.2	0.00	1.81	1.07	0	8	0	100	0.00	0.0	2.017	0.000	8	0	1	1
451717	PL.22664	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	2.017	0.000	0	0	0	0
451750	PL.22664	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	2.017	0.000	0	0	0	0
451745	PL.22664	C	Consumer	7.45Y	124.2	0.00	1.81	0.07	0	0	0	100	0.00	0.0	2.017	0.000	0	0	1	1
451725	PL.22664	C	Consumer	7.45Y	124.2	0.00	1.81	0.81	0	6	0	100	0.00	0.0	2.017	0.000	6	0	1	1
451738	PL.22664	C	Consumer	7.45Y	124.2	0.00	1.81	0.39	0	3	0	100	0.00	0.0	2.017	0.000	3	0	1	1
451753	PL.22664	C	Consumer	7.45Y	124.2	0.00	1.81	0.03	0	0	0	100	0.00	0.0	2.017	0.000	0	0	1	1
451759	PL.22664	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	2.017	0.000	0	0	1	1
451756	PL.22664	C	Consumer	7.45Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	2.017	0.000	0	0	1	1
451740	PL.22664	C	Consumer	7.45Y	124.2	0.00	1.81	0.39	0	3	0	100	0.00	0.0	2.017	0.000	3	0	1	1
451718	PL.22664	C	Consumer	7.45Y	124.2	0.00	1.81	0.42	0	3	0	100	0.00	0.0	2.017	0.000	3	0	1	1
451719	PL.22664	C	Consumer	7.45Y	124.2	0.00	1.81	0.18	0	1	0	100	0.00	0.0	2.017	0.000	1	0	1	1
451746	PL.22664	C	Consumer	7.45Y	124.2	0.00	1.81	1.29	0	10	0	100	0.00	0.0	2.017	0.000	10	0	1	1
451707	PL.27915	C	Consumer	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	1.836	0.000	0	0	0	0
PL.15554	PL.20889	A	1/0ACSR	7.50Y	125.0	0.03	1.03	37.53	11	277	52	98	0.17	0.0	1.795	0.046	0	0	0	56
		B		7.50Y	125.0	0.03	1.03	34.78	11	255	56	98					0	0	0	39
		C		7.46Y	124.3	0.03	1.74	41.24	12	301	64	98					0	0	0	42
PD.397-A	PL.15554	A	Closed	7.50Y	125.0	0.00	1.03	37.53	0	277	52	98	0.00	0.0	1.795	0.000	0	0	0	56
		B		7.50Y	125.0	0.00	1.03	34.78	0	255	56	98					0	0	0	39
		C		7.46Y	124.3	0.00	1.74	41.24	0	301	64	98					0	0	0	42
PD.397-B	PD.397-A	A	Closed	7.50Y	125.0	0.00	1.03	37.53	0	277	52	98	0.00	0.0	1.795	0.000	0	0	0	56
		B		7.50Y	125.0	0.00	1.03	34.78	0	255	56	98					0	0	0	39
		C		7.46Y	124.3	0.00	1.74	41.24	0	301	64	98					0	0	0	42
PL.15555	PD.397-B	A	1/0ACSR	7.43Y	123.9	1.08	2.12	37.53	11	277	52	98	7.06	0.8	3.693	1.898	0	0	0	56
		B		7.43Y	123.9	1.12	2.15	34.78	11	255	56	98					0	0	0	39
		C		7.37Y	122.8	1.43	3.17	41.24	12	301	64	98					0	0	0	42
PL.119	PL.15555	A	1/0ACSR	7.41Y	123.6	0.30	2.42	37.53	11	275	49	98	1.99	0.2	4.228	0.535	0	0	0	56
		B		7.41Y	123.5	0.31	2.46	34.78	11	253	54	98					0	0	0	39
		C		7.35Y	122.4	0.40	3.57	41.24	12	298	61	98					0	0	0	42
PL.6542	PL.119	A	1/0ACSR	7.39Y	123.1	0.47	2.89	37.53	11	274	49	98	3.08	0.4	5.056	0.828	0	0	0	56
		B		7.38Y	123.1	0.49	2.95	34.78	11	252	53	98					0	0	0	39
		C		7.31Y	121.8	0.62	4.19	41.24	12	297	61	98					0	0	0	42

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.6543	PL.6542	A	1/0ACSR	7.38Y	123.0	0.16	3.05	37.16	11	270	48	98	1.04	0.1	5.337	0.282	0	0	0	55
		B		7.37Y	122.9	0.17	3.11	34.78	11	251	53	98					0	0	0	39
		C		7.30Y	121.6	0.21	4.40	41.24	12	295	59	98					0	0	0	42
PL.126	PL.6543	A	4ACSR	7.37Y	122.8	0.11	3.16	37.16	19	270	47	99	0.77	0.1	5.420	0.083	0	0	0	55
		B		7.37Y	122.8	0.11	3.22	34.78	18	251	52	98					0	0	0	39
		C		7.29Y	121.5	0.13	4.54	41.24	21	295	59	98					0	0	0	42
PL.8606	PL.126	A	4ACSR	7.31Y	121.9	0.96	4.12	37.16	19	270	47	99	6.66	0.8	6.142	0.722	0	0	0	55
		B		7.31Y	121.8	0.96	4.18	34.78	18	251	52	98					0	0	0	39
		C		7.22Y	120.3	1.17	5.71	41.24	21	295	59	98					0	0	0	42
OCD63	PL.8606	A	50L	7.31Y	121.9	0.00	4.12	37.16	74	268	46	99	0.00	0.0	6.142	0.000	0	0	0	55
		B		7.31Y	121.8	0.00	4.18	34.78	70	249	52	98					0	0	0	39
		C		7.22Y	120.3	0.00	5.71	41.24	82	292	58	98					0	0	0	42
PL.15556	OCD63	A	4ACSR	7.31Y	121.8	0.08	4.20	37.16	19	268	46	99	0.53	0.1	6.200	0.057	0	0	0	55
		B		7.30Y	121.7	0.08	4.26	34.78	18	249	52	98					0	0	0	39
		C		7.21Y	120.2	0.09	5.80	41.24	21	292	58	98					0	0	0	42
PD.403-A	PL.15556	A	Closed	7.31Y	121.8	0.00	4.20	37.16	0	268	46	99	0.00	0.0	6.200	0.000	0	0	0	55
		B		7.30Y	121.7	0.00	4.26	34.78	0	249	52	98					0	0	0	39
		C		7.21Y	120.2	0.00	5.80	41.24	0	292	58	98					0	0	0	42
PD.403-B	PD.403-A	A	Closed	7.31Y	121.8	0.00	4.20	37.16	0	268	46	99	0.00	0.0	6.200	0.000	0	0	0	55
		B		7.30Y	121.7	0.00	4.26	34.78	0	249	52	98					0	0	0	39
		C		7.21Y	120.2	0.00	5.80	41.24	0	292	58	98					0	0	0	42
PL.19298	PD.403-B	A	4ACSR	7.31Y	121.8	0.01	4.21	37.16	19	268	46	99	0.05	0.0	6.206	0.006	0	0	0	55
		B		7.30Y	121.7	0.01	4.26	34.78	18	249	52	98					0	0	0	39
		C		7.21Y	120.2	0.01	5.81	41.24	21	292	58	98					0	0	0	42
PL.19297	PL.19298	A	4ACSR	7.29Y	121.5	0.27	4.48	36.19	19	261	45	99	1.90	0.2	6.415	0.209	0	0	0	54
		B		7.29Y	121.5	0.28	4.54	34.78	18	249	52	98					0	0	0	39
		C		7.19Y	119.9	0.34	6.15	41.24	21	292	58	98					0	0	0	42
PL.9233	PL.19297	A	4ACSR	7.28Y	121.4	0.13	4.60	34.31	18	247	43	99	0.92	0.1	6.519	0.104	0	0	0	50
		B		7.28Y	121.3	0.14	4.68	34.78	18	248	52	98					0	0	0	39
		C		7.18Y	119.7	0.17	6.31	41.24	21	291	57	98					0	0	0	42
PL.9235	PL.9233	A	4ACSR	7.28Y	121.3	0.10	4.70	34.21	18	246	42	99	0.69	0.1	6.598	0.079	0	0	0	49
		B		7.27Y	121.2	0.11	4.79	34.78	18	248	51	98					0	0	0	39
		C		7.17Y	119.6	0.13	6.44	41.24	21	291	57	98					0	0	0	42
PL.9234	PL.9235	A	4ACSR	7.27Y	121.1	0.17	4.87	34.21	18	245	42	99	1.20	0.2	6.735	0.137	0	0	0	48
		B		7.26Y	121.0	0.18	4.98	34.78	18	248	51	98					0	0	0	39
		C		7.16Y	119.3	0.22	6.66	41.24	21	290	57	98					0	0	0	42
PL.18730	PL.9234	A	4ACSR	7.27Y	121.1	0.01	4.88	34.21	18	245	42	99	0.07	0.0	6.743	0.008	0	0	0	47
		B		7.26Y	121.0	0.01	4.99	33.34	17	237	50	98					0	0	0	38
		C		7.16Y	119.3	0.01	6.67	41.24	21	290	57	98					0	0	0	42
PD.404-B	PL.18730	A	Closed	7.27Y	121.1	0.00	4.88	34.21	0	245	42	99	0.00	0.0	6.743	0.000	0	0	0	47
		B		7.26Y	121.0	0.00	4.99	33.34	0	237	50	98					0	0	0	38
		C		7.16Y	119.3	0.00	6.67	41.24	0	290	57	98					0	0	0	42
PD.404-A	PD.404-B	A	Closed	7.27Y	121.1	0.00	4.88	34.21	0	245	42	99	0.00	0.0	6.743	0.000	0	0	0	47
		B		7.26Y	121.0	0.00	4.99	33.34	0	237	50	98					0	0	0	38
		C		7.16Y	119.3	0.00	6.67	41.24	0	290	57	98					0	0	0	42
PL.18729	PD.404-A	A	4ACSR	7.26Y	121.0	0.13	5.00	34.21	18	245	42	99	0.90	0.1	6.848	0.105	0	0	0	47
		B		7.25Y	120.9	0.14	5.12	33.34	17	237	50	98					0	0	0	38
		C		7.15Y	119.2	0.17	6.84	41.24	21	290	57	98					0	0	0	42
PL.25504	PL.18729	A	4ACSR	7.25Y	120.9	0.13	5.13	33.21	17	238	41	99	0.92	0.1	6.957	0.109	0	0	0	45
		B		7.24Y	120.7	0.14	5.26	33.34	17	237	49	98					0	0	0	38
		C		7.14Y	119.0	0.18	7.02	41.24	21	289	57	98					0	0	0	42
PL.20600	PL.25504	A	4ACSR	7.24Y	120.7	0.17	5.30	33.21	17	237	41	99	1.11	0.2	7.100	0.142	0	0	0	45
		B		7.23Y	120.6	0.18	5.45	33.34	17	236	49	98					0	0	0	38
		C		7.13Y	118.8	0.20	7.22	37.50	19	264	45	99					0	0	0	39
PL.20599	PL.20600	A	4ACSR	7.23Y	120.6	0.12	5.42	33.21	17	237	41	99	0.80	0.1	7.203	0.104	0	0	0	45
		B		7.23Y	120.4	0.13	5.58	33.27	17	236	49	98					0	0	0	37
		C		7.12Y	118.6	0.15	7.37	37.50	19	263	45	99					0	0	0	39

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like REG61, PL.25505, PL.166, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for elements PL.25477 through PL.43355.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.19368, PL.19367, PL.40891, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.41025	PD.7326	C	4ACSR	7.43Y	123.8	0.00	2.19	0.78	0	6	1	99	0.00	0.0	9.777	0.062	0	0	0	2
456367	PL.41025	C	Consumer	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	9.777	0.000	0	0	1	1
456341	PL.41025	C	Consumer	7.43Y	123.8	0.00	2.19	0.78	0	6	1	99	0.00	0.0	9.777	0.000	6	1	1	1
PL.41022	PL.9464	B	4ACSR	7.45Y	124.1	0.00	1.87	2.58	1	19	3	99	0.00	0.0	9.713	0.006	0	0	0	1
PD.7325	PL.41022	B	fuse6AMP	7.45Y	124.1	0.00	1.87	2.58	44	19	3	99	0.00	0.0	9.713	0.000	0	0	0	1
PL.41023	PD.7325	B	4ACSR	7.45Y	124.1	0.00	1.87	2.58	1	19	3	99	0.00	0.0	9.749	0.036	0	0	0	1
456333	PL.41023	B	Consumer	7.45Y	124.1	0.00	1.87	2.58	0	19	3	99	0.00	0.0	9.749	0.000	19	3	1	1
456336	PL.9830	A	Consumer	7.45Y	124.1	0.00	1.88	0.26	0	2	0	100	0.00	0.0	9.548	0.000	2	0	1	1
456311	PL.9830	A	Consumer	7.45Y	124.1	0.00	1.88	0.16	0	1	0	100	0.00	0.0	9.548	0.000	1	0	1	1
456348	PL.9830	A	Consumer	7.45Y	124.1	0.00	1.88	0.02	0	0	0	100	0.00	0.0	9.548	0.000	0	0	1	1
PL.41026	PL.9830	A	4ACSR	7.45Y	124.1	0.00	1.88	0.06	0	0	0	100	0.00	0.0	9.555	0.007	0	0	0	1
PD.7327	PL.41026	A	fuse6AMP	7.45Y	124.1	0.00	1.88	0.06	1	0	0	100	0.00	0.0	9.555	0.000	0	0	0	1
PL.41027	PD.7327	A	4ACSR	7.45Y	124.1	0.00	1.88	0.06	0	0	0	100	0.00	0.0	9.632	0.076	0	0	0	1
PL.28656	PL.41027	A	4ACSR	7.45Y	124.1	0.00	1.88	0.06	0	0	0	100	0.00	0.0	9.695	0.064	0	0	0	1
456361	PL.28656	A	Consumer	7.45Y	124.1	0.00	1.88	0.06	0	0	0	100	0.00	0.0	9.695	0.000	0	0	1	1
456320	PL.9826	A	Consumer	7.45Y	124.1	0.00	1.88	0.21	0	2	0	100	0.00	0.0	9.489	0.000	2	0	1	1
456366	PL.9826	A	Consumer	7.45Y	124.1	0.00	1.88	0.01	0	0	0	100	0.00	0.0	9.489	0.000	0	0	1	1
PL.41028	PL.9827	A	4ACSR	7.45Y	124.1	0.00	1.88	11.23	6	83	13	99	0.00	0.0	9.399	0.007	0	0	0	11
C PD.7328	PL.41028	A	fuse8AMP	7.45Y	124.1	0.00	1.88	11.23	154	83	13	99	0.00	0.0	9.399	0.000	0	0	0	11 C
PL.41029	PD.7328	A	4ACSR	7.44Y	124.1	0.04	1.92	11.23	6	83	13	99	0.02	0.0	9.478	0.079	0	0	0	11
PL.21619	PL.41029	A	4ACSR	7.44Y	124.1	0.01	1.93	9.81	5	72	12	99	0.01	0.0	9.509	0.031	0	0	0	9
PL.23090	PL.21619	A	4ACSR	7.44Y	124.1	0.01	1.95	7.34	4	54	9	99	0.01	0.0	9.555	0.046	0	0	0	5
PL.23088	PL.23090	A	4ACSR	7.44Y	124.0	0.02	1.97	7.34	4	54	9	99	0.01	0.0	9.613	0.059	0	0	0	5
PL.23087	PL.23088	A	4ACSR	7.44Y	124.0	0.01	1.98	5.35	3	39	6	99	0.00	0.0	9.654	0.041	0	0	0	4
456364	PL.23087	A	Consumer	7.44Y	124.0	0.00	1.98	0.06	0	0	0	100	0.00	0.0	9.654	0.000	0	0	1	1
456317	PL.23087	A	Consumer	7.44Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	9.654	0.000	0	0	0	0
456318	PL.23087	A	Consumer	7.44Y	124.0	0.00	1.98	0.54	0	4	1	97	0.00	0.0	9.654	0.000	4	1	1	1
456321	PL.23087	A	Consumer	7.44Y	124.0	0.00	1.98	2.98	0	22	4	98	0.00	0.0	9.654	0.000	22	4	1	1
456349	PL.23087	A	Consumer	7.44Y	124.0	0.00	1.98	1.77	0	13	2	99	0.00	0.0	9.654	0.000	13	2	1	1
PL.22534	PL.23088	A	4ACSR	7.44Y	124.0	0.01	1.97	1.99	1	15	2	99	0.00	0.0	9.700	0.087	0	0	0	1
456355	PL.22534	A	Consumer	7.44Y	124.0	0.00	1.97	1.99	0	15	2	99	0.00	0.0	9.700	0.000	15	2	1	1
PL.7004	PL.22534	A	4ACSR	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	9.700	0.000	0	0	0	0
PL.22596	PL.21619	A	4ACSR	7.44Y	124.1	0.01	1.94	0.63	0	5	1	98	0.00	0.0	9.694	0.185	0	0	0	3
PL.22597	PL.22596	A	4ACSR	7.44Y	124.1	0.00	1.94	0.19	0	1	0	100	0.00	0.0	9.769	0.075	0	0	0	2
456356	PL.22597	A	Consumer	7.44Y	124.1	0.00	1.94	0.18	0	1	0	100	0.00	0.0	9.769	0.000	1	0	1	1
456306	PL.22597	A	Consumer	7.44Y	124.1	0.00	1.94	0.01	0	0	0	100	0.00	0.0	9.769	0.000	0	0	1	1
456338	PL.22596	A	Consumer	7.44Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	9.694	0.000	0	0	0	0
456359	PL.22596	A	Consumer	7.44Y	124.1	0.00	1.94	0.45	0	3	1	95	0.00	0.0	9.694	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.23091	PL.21619	A	4ACSR	7.44Y	124.1	0.01	1.94	1.84	1	13	2	99	0.00	0.0	9.598	0.089	0	0	0	1
456319	PL.23091	A	Consumer	7.44Y	124.1	0.00	1.94	1.84	0	13	2	99	0.00	0.0	9.598	0.000	13	2	1	1
PL.23089	PL.41029	A	4ACSR	7.44Y	124.1	0.00	1.92	1.42	1	10	2	98	0.00	0.0	9.536	0.058	0	0	0	2
456313	PL.23089	A	Consumer	7.44Y	124.1	0.00	1.92	0.55	0	4	1	97	0.00	0.0	9.536	0.000	4	1	1	1
456326	PL.23089	A	Consumer	7.44Y	124.1	0.00	1.92	0.87	0	6	1	99	0.00	0.0	9.536	0.000	6	1	1	1
456315	PL.9827	A	Consumer	7.45Y	124.1	0.00	1.88	0.98	0	7	1	99	0.00	0.0	9.391	0.000	7	1	1	1
PL.41032	PL.9825	C	4ACSR	7.45Y	124.1	0.00	1.91	2.49	1	18	3	99	0.00	0.0	9.216	0.012	0	0	0	3
PD.7330	PL.41032	C	fuse6AMP	7.45Y	124.1	0.00	1.91	2.49	42	18	3	99	0.00	0.0	9.216	0.000	0	0	0	3
PL.41033	PD.7330	C	4ACSR	7.45Y	124.1	0.00	1.91	2.49	1	18	3	99	0.00	0.0	9.229	0.013	0	0	0	3
PL.23094	PL.41033	C	4ACSR	7.44Y	124.1	0.01	1.92	2.49	1	18	3	99	0.00	0.0	9.301	0.072	0	0	0	3
PL.23092	PL.23094	C	4ACSR	7.44Y	124.1	0.00	1.93	0.82	0	6	1	99	0.00	0.0	9.390	0.089	0	0	0	2
456314	PL.23092	C	Consumer	7.44Y	124.1	0.00	1.93	0.02	0	0	0	100	0.00	0.0	9.390	0.000	0	0	1	1
456328	PL.23092	C	Consumer	7.44Y	124.1	0.00	1.93	0.79	0	6	1	99	0.00	0.0	9.390	0.000	6	1	1	1
456323	PL.23094	C	Consumer	7.44Y	124.1	0.00	1.92	1.67	0	12	2	99	0.00	0.0	9.301	0.000	12	2	1	1
PL.23093	PL.23094	C	4ACSR	7.44Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	9.338	0.037	0	0	0	0
PL.41030	PL.9825	B	4ACSR	7.45Y	124.2	0.00	1.81	1.48	1	11	2	98	0.00	0.0	9.214	0.009	0	0	0	1
PD.7329	PL.41030	B	fuse6AMP	7.45Y	124.2	0.00	1.81	1.48	25	11	2	98	0.00	0.0	9.214	0.000	0	0	0	1
PL.41031	PD.7329	B	4ACSR	7.45Y	124.2	0.01	1.82	1.48	1	11	2	98	0.00	0.0	9.332	0.119	0	0	0	1
456410	PL.41031	B	Consumer	7.45Y	124.2	0.00	1.82	1.48	0	11	2	98	0.00	0.0	9.332	0.000	11	2	1	1
456406	PL.9825	A	Consumer	7.45Y	124.2	0.00	1.78	0.49	0	4	1	97	0.00	0.0	9.205	0.000	4	1	1	1
4564020	PL.7019	A	Consumer	7.46Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	9.100	0.000	0	0	0	0
4564017	PL.7019	A	Consumer	7.46Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	9.100	0.000	0	0	1	1
456408	PL.7019	A	Consumer	7.46Y	124.3	0.00	1.72	1.11	0	8	1	99	0.00	0.0	9.100	0.000	8	1	1	1
456404	PL.9822	A	Consumer	7.46Y	124.3	0.00	1.65	0.12	0	1	0	100	0.00	0.0	8.983	0.000	1	0	1	1
PL.13599	PL.9823	B	4ACSR	7.45Y	124.2	0.00	1.79	0.75	0	6	1	99	0.00	0.0	8.963	0.024	0	0	0	2
PD.1513	PL.13599	B	fuse6AMP	7.45Y	124.2	0.00	1.79	0.75	13	6	1	99	0.00	0.0	8.963	0.000	0	0	0	2
PL.13600	PD.1513	B	4ACSR	7.45Y	124.2	0.00	1.80	0.75	0	6	1	99	0.00	0.0	9.059	0.096	0	0	0	2
456411	PL.13600	B	Consumer	7.45Y	124.2	0.00	1.80	0.75	0	6	1	99	0.00	0.0	9.059	0.000	6	1	1	1
456412	PL.13600	B	Consumer	7.45Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	9.059	0.000	0	0	1	1
456401	PL.9823	A	Consumer	7.46Y	124.4	0.00	1.63	0.00	0	0	0	100	0.00	0.0	8.938	0.000	0	0	0	0
456413	PL.9823	C	Consumer	7.46Y	124.3	0.00	1.73	1.33	0	10	2	98	0.00	0.0	8.938	0.000	10	2	1	1
PL.41034	PL.7020	B	4ACSR	7.45Y	124.2	0.00	1.79	13.07	7	96	16	99	0.00	0.0	8.920	0.004	0	0	0	18
PD.7331-A	PL.41034	B	Closed	7.45Y	124.2	0.00	1.79	13.07	0	96	16	99	0.00	0.0	8.920	0.000	0	0	0	18
PD.7331-B	PD.7331-A	B	Closed	7.45Y	124.2	0.00	1.79	13.07	0	96	16	99	0.00	0.0	8.920	0.000	0	0	0	18
PL.41035	PD.7331-B	B	4ACSR	7.45Y	124.2	0.01	1.80	13.07	7	96	16	99	0.00	0.0	8.928	0.009	0	0	0	18
PD.3527	PL.41035	B	25L	7.45Y	124.2	0.00	1.80	13.07	52	96	16	99	0.00	0.0	8.928	0.000	0	0	0	18
PL.13602	PD.3527	B	4ACSR	7.45Y	124.1	0.08	1.88	13.07	7	96	16	99	0.06	0.1	9.065	0.136	0	0	0	18
PL.25481	PL.13602	B	4ACSR	7.45Y	124.1	0.02	1.89	11.89	6	87	14	99	0.01	0.0	9.094	0.030	0	0	0	16

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts						mi From Src	Length (mi)	Element		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss			% Loss	KW			KVAR	
PL.7006	PL.25481	B	4ACSR	7.44Y	124.0	0.08	1.97	11.89	6	87	14	99	0.06	0.1	9.258	0.164	0	0	0	16
455307	PL.7006	B	Consumer	7.44Y	124.0	0.00	1.97	0.94	0	7	1	99	0.00	0.0	9.258	0.000	7	1	1	1
455303	PL.7006	B	Consumer	7.44Y	124.0	0.00	1.97	0.72	0	5	1	98	0.00	0.0	9.258	0.000	5	1	1	1
PL.7016	PL.7006	B	4ACSR	7.44Y	124.0	0.01	1.99	10.22	5	75	12	99	0.01	0.0	9.285	0.027	0	0	0	14
455316	PL.7016	B	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	9.285	0.000	0	0	1	1
PL.7017	PL.7016	B	4ACSR	7.43Y	123.9	0.10	2.09	10.22	5	75	12	99	0.06	0.1	9.519	0.234	0	0	0	13
PL.25482	PL.7017	B	4ACSR	7.43Y	123.9	0.04	2.13	9.40	5	69	11	99	0.02	0.0	9.617	0.098	0	0	0	12
PL.40866	PL.25482	B	4ACSR	7.43Y	123.9	0.00	2.13	0.21	0	2	0	100	0.00	0.0	9.623	0.006	0	0	0	1
PD.7265	PL.40866	B	fuse6AMP	7.43Y	123.9	0.00	2.13	0.21	4	2	0	100	0.00	0.0	9.623	0.000	0	0	0	1
PL.40867	PD.7265	B	4ACSR	7.43Y	123.9	0.00	2.13	0.21	0	2	0	100	0.00	0.0	9.699	0.076	0	0	0	1
455312	PL.40867	B	Consumer	7.43Y	123.9	0.00	2.13	0.21	0	2	0	100	0.00	0.0	9.699	0.000	2	0	1	1
PL.9818	PL.25482	B	4ACSR	7.43Y	123.8	0.07	2.20	9.19	5	67	11	99	0.03	0.0	9.782	0.166	0	0	0	11
PL.7007	PL.9818	B	4ACSR	7.43Y	123.8	0.01	2.21	8.43	4	62	10	99	0.01	0.0	9.820	0.038	0	0	0	10
PL.9819	PL.7007	B	4ACSR	7.43Y	123.8	0.03	2.24	7.46	4	55	9	99	0.01	0.0	9.906	0.086	0	0	0	9
455308	PL.9819	B	Consumer	7.43Y	123.8	0.00	2.24	1.02	0	7	1	99	0.00	0.0	9.906	0.000	7	1	1	1
PL.40870	PL.9819	B	4ACSR	7.42Y	123.7	0.03	2.27	4.95	3	36	6	99	0.01	0.0	10.049	0.144	0	0	0	6
PD.7267-A	PL.40870	B	Closed	7.42Y	123.7	0.00	2.27	4.95	0	36	6	99	0.00	0.0	10.049	0.000	0	0	0	6
PD.7267-B	PD.7267-A	B	Closed	7.42Y	123.7	0.00	2.27	4.95	0	36	6	99	0.00	0.0	10.049	0.000	0	0	0	6
PL.40871	PD.7267-B	B	4ACSR	7.42Y	123.7	0.04	2.31	4.95	3	36	6	99	0.01	0.0	10.238	0.188	0	0	0	6
PL.44644	PL.40871	B	4ACSR	7.42Y	123.7	0.00	2.31	3.22	2	24	4	99	0.00	0.0	10.254	0.016	0	0	0	3
PD.8588	PL.44644	B	fuse6AMP	7.42Y	123.7	0.00	2.31	3.22	55	24	4	99	0.00	0.0	10.254	0.000	0	0	0	3
PL.44645	PD.8588	B	4ACSR	7.42Y	123.7	0.01	2.32	3.22	2	24	4	99	0.00	0.0	10.314	0.060	0	0	0	3
PL.1838	PL.44645	B	4ACSR	7.42Y	123.7	0.01	2.32	0.75	0	5	1	98	0.00	0.0	10.513	0.199	0	0	0	1
455319	PL.1838	B	Consumer	7.42Y	123.7	0.00	2.32	0.75	0	5	1	98	0.00	0.0	10.513	0.000	5	1	1	1
455306	PL.44645	B	Consumer	7.42Y	123.7	0.00	2.32	1.49	0	11	2	98	0.00	0.0	10.314	0.000	11	2	1	1
455310	PL.44645	B	Consumer	7.42Y	123.7	0.00	2.32	0.98	0	7	1	99	0.00	0.0	10.314	0.000	7	1	1	1
PL.9821	PL.40871	B	4ACSR	7.42Y	123.7	0.00	2.31	1.73	1	13	2	99	0.00	0.0	10.252	0.015	0	0	0	3
PL.6975	PL.9821	B	4ACSR	7.42Y	123.7	0.01	2.32	1.73	1	13	2	99	0.00	0.0	10.370	0.117	0	0	0	3
454303	PL.6975	B	Consumer	7.42Y	123.7	0.00	2.32	1.13	0	8	1	99	0.00	0.0	10.370	0.000	8	1	1	1
PL.19621	PL.6975	B	4ACSR	7.42Y	123.7	0.00	2.32	0.60	0	4	1	97	0.00	0.0	10.441	0.072	0	0	0	2
454302	PL.19621	B	Consumer	7.42Y	123.7	0.00	2.32	0.01	0	0	0	100	0.00	0.0	10.441	0.000	0	0	1	1
PL.19622	PL.19621	B	4ACSR	7.42Y	123.7	0.00	2.32	0.59	0	4	1	97	0.00	0.0	10.610	0.169	0	0	0	1
PL.13595	PL.19622	B	4ACSR	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	10.641	0.031	0	0	0	0
PD.402-A	PL.13595	B	Open	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	10.641	0.000	0	0	0	0
454301	PL.19622	B	Consumer	7.42Y	123.7	0.00	2.32	0.59	0	4	1	97	0.00	0.0	10.610	0.000	4	1	1	1
PL.2616	PL.9821	B	4ACSR	7.42Y	123.7	0.00	2.31	0.00	0	0	0	100	0.00	0.0	10.255	0.003	0	0	0	0
PL.40868	PL.9819	B	4ACSR	7.43Y	123.8	0.00	2.24	1.49	1	11	2	98	0.00	0.0	9.912	0.007	0	0	0	2
PD.7266	PL.40868	B	fuse6AMP	7.43Y	123.8	0.00	2.24	1.49	25	11	2	98	0.00	0.0	9.912	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.40869	PD.7266	B	4ACSR	7.43Y	123.8	0.00	2.24	1.49	1	11	2	98	0.00	0.0	9.986	0.074	0	0	0	2
PL.7008	PL.40869	B	4ACSR	7.43Y	123.8	0.00	2.24	1.44	1	11	2	98	0.00	0.0	9.986	0.000	0	0	0	1
PL.7009	PL.7008	B	4ACSR	7.43Y	123.8	0.00	2.25	1.44	1	11	2	98	0.00	0.0	10.052	0.066	0	0	0	1
455320	PL.7009	B	Consumer	7.43Y	123.8	0.00	2.25	1.44	0	11	2	98	0.00	0.0	10.052	0.000	11	2	1	1
455317	PL.40869	B	Consumer	7.43Y	123.8	0.00	2.24	0.05	0	0	0	100	0.00	0.0	9.986	0.000	0	0	1	1
455318	PL.7007	B	Consumer	7.43Y	123.8	0.00	2.21	0.97	0	7	1	99	0.00	0.0	9.820	0.000	7	1	1	1
455313	PL.9818	B	Consumer	7.43Y	123.8	0.00	2.20	0.77	0	6	1	99	0.00	0.0	9.782	0.000	6	1	1	1
455309	PL.7017	B	Consumer	7.43Y	123.9	0.00	2.09	0.82	0	6	1	99	0.00	0.0	9.519	0.000	6	1	1	1
PL.40864	PL.13602	B	4ACSR	7.45Y	124.1	0.00	1.88	1.19	1	9	1	99	0.00	0.0	9.074	0.009	0	0	0	2
PD.7264	PL.40864	B	fuse6AMP	7.45Y	124.1	0.00	1.88	1.19	20	9	1	99	0.00	0.0	9.074	0.000	0	0	0	2
PL.40865	PD.7264	B	4ACSR	7.45Y	124.1	0.01	1.88	1.19	1	9	1	99	0.00	0.0	9.244	0.170	0	0	0	2
455428	PL.40865	B	Consumer	7.45Y	124.1	0.00	1.88	0.06	0	0	0	100	0.00	0.0	9.244	0.000	0	0	1	1
455419	PL.40865	B	Consumer	7.45Y	124.1	0.00	1.88	1.13	0	8	1	99	0.00	0.0	9.244	0.000	8	1	1	1
455404	PL.25476	A	Consumer	7.47Y	124.5	0.00	1.46	0.06	0	0	0	100	0.00	0.0	8.685	0.000	0	0	1	1
PL.1840	PL.25477	B	4ACSR	7.46Y	124.4	0.01	1.61	1.91	1	13	6	91	0.00	0.0	8.746	0.108	0	0	0	1
455430	PL.1840	B	Consumer	7.46Y	124.4	0.00	1.61	1.91	0	13	6	91	0.00	0.0	8.746	0.000	13	6	1	1
PL.20421	PL.25477	B	4ACSR	7.46Y	124.4	0.00	1.60	5.40	3	38	12	95	0.00	0.0	8.652	0.014	0	0	0	2
C PD.1512	PL.20421	B	fuse6AMP	7.46Y	124.4	0.00	1.60	5.40	92	38	12	95	0.00	0.0	8.652	0.000	0	0	0	2 C
PL.20422	PD.1512	B	4ACSR	7.45Y	124.2	0.23	1.83	5.40	3	38	12	95	0.07	0.2	9.586	0.934	0	0	0	2
PL.25478	PL.20422	B	4ACSR	7.45Y	124.1	0.02	1.85	2.69	1	18	9	89	0.00	0.0	9.757	0.170	0	0	0	1
456415	PL.25478	B	Consumer	7.45Y	124.1	0.00	1.85	2.69	0	18	9	89	0.00	0.0	9.757	0.000	18	9	1	1
PL.25479	PL.20422	B	4ACSR	7.45Y	124.2	0.01	1.84	2.76	1	20	3	99	0.00	0.0	9.653	0.067	0	0	0	1
PL.25480	PL.25479	B	4ACSR	7.45Y	124.2	0.00	1.84	2.76	1	20	3	99	0.00	0.0	9.687	0.034	0	0	0	1
456414	PL.25480	B	Consumer	7.45Y	124.2	0.00	1.84	2.76	0	20	3	99	0.00	0.0	9.687	0.000	20	3	1	1
455417	PL.25465	A	Consumer	7.48Y	124.6	0.00	1.36	0.28	0	2	0	100	0.00	0.0	8.534	0.000	2	0	1	1
PL.41036	PL.25465	C	4ACSR	7.47Y	124.5	0.00	1.50	10.36	5	76	14	98	0.00	0.0	8.541	0.006	0	0	0	9
C PD.7332	PL.41036	C	fuse6AMP	7.47Y	124.5	0.00	1.50	10.36	177	76	14	98	0.00	0.0	8.541	0.000	0	0	0	9 C
PL.41037	PD.7332	C	4ACSR	7.47Y	124.5	0.03	1.53	10.36	5	76	14	98	0.02	0.0	8.618	0.077	0	0	0	9
PL.7021	PL.41037	C	4ACSR	7.47Y	124.5	0.01	1.55	5.93	3	44	7	99	0.00	0.0	8.668	0.050	0	0	0	4
455456	PL.7021	C	Consumer	7.47Y	124.5	0.00	1.55	1.91	0	14	2	99	0.00	0.0	8.668	0.000	14	2	1	1
455436	PL.7021	C	Consumer	7.47Y	124.5	0.00	1.55	1.36	0	10	2	98	0.00	0.0	8.668	0.000	10	2	1	1
455445	PL.7021	C	Consumer	7.47Y	124.5	0.00	1.55	0.96	0	7	1	99	0.00	0.0	8.668	0.000	7	1	1	1
PL.7022	PL.7021	C	4ACSR	7.47Y	124.5	0.00	1.55	1.71	1	13	2	99	0.00	0.0	8.701	0.033	0	0	0	1
455452	PL.7022	C	Consumer	7.47Y	124.5	0.00	1.55	1.71	0	13	2	99	0.00	0.0	8.701	0.000	13	2	1	1
455448	PL.7022	C	Consumer	7.47Y	124.5	0.00	1.55	0.00	0	0	0	100	0.00	0.0	8.701	0.000	0	0	0	0
PL.19464	PL.41037	C	4ACSR	7.47Y	124.5	0.00	1.54	4.43	2	32	7	98	0.00	0.0	8.636	0.018	0	0	0	5
455425	PL.19464	C	Consumer	7.47Y	124.5	0.00	1.54	1.62	0	12	2	99	0.00	0.0	8.636	0.000	12	2	1	1
455432	PL.19464	C	Consumer	7.47Y	124.5	0.00	1.54	0.62	0	4	2	89	0.00	0.0	8.636	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.19465	PL.19464	C	4ACSR	7.47Y	124.5	0.01	1.54	2.21	1	16	3	98	0.00	0.0	8.705	0.070	0	0	0	3
PL.2648	PL.19465	C	4ACSR	7.47Y	124.5	0.00	1.55	1.87	1	14	2	99	0.00	0.0	8.755	0.050	0	0	0	1
455463	PL.2648	C	Consumer	7.47Y	124.5	0.00	1.55	1.87	0	14	2	99	0.00	0.0	8.755	0.000	14	2	1	1
455431	PL.19465	C	Consumer	7.47Y	124.5	0.00	1.54	0.31	0	2	0	100	0.00	0.0	8.705	0.000	2	0	1	1
455454	PL.19465	C	Consumer	7.47Y	124.5	0.00	1.54	0.04	0	0	0	100	0.00	0.0	8.705	0.000	0	0	1	1
PL.40846	PL.20419	A	4ACSR	7.48Y	124.7	0.00	1.32	9.19	5	68	11	99	0.00	0.0	8.470	0.005	0	0	0	10
PL.40847	PL.40846	A	4ACSR	7.48Y	124.7	0.00	1.32	9.19	5	68	11	99	0.00	0.0	8.472	0.003	0	0	0	10
455403	PL.40847	A	Consumer	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	8.472	0.000	0	0	0	0
PL.25464	PL.40847	A	4ACSR	7.48Y	124.7	0.02	1.34	9.19	5	68	11	99	0.01	0.0	8.527	0.054	0	0	0	10
PL.15559	PL.25464	A	4ACSR	7.48Y	124.6	0.01	1.35	8.48	4	63	10	99	0.01	0.0	8.562	0.035	0	0	0	9
PL.15560	PL.15559	A	4ACSR	7.48Y	124.6	0.00	1.35	8.48	4	63	10	99	0.00	0.0	8.568	0.006	0	0	0	9
455409	PL.15560	A	Consumer	7.48Y	124.6	0.00	1.35	0.45	0	3	1	95	0.00	0.0	8.568	0.000	3	1	1	1
PL.25467	PL.15560	A	4ACSR	7.48Y	124.6	0.04	1.39	6.16	3	45	7	99	0.01	0.0	8.704	0.136	0	0	0	7
PL.25468	PL.25467	A	4ACSR	7.48Y	124.6	0.02	1.41	4.39	2	32	5	99	0.00	0.0	8.791	0.087	0	0	0	6
PL.25469	PL.25468	A	4ACSR	7.47Y	124.6	0.04	1.44	3.09	2	23	4	99	0.01	0.0	9.062	0.271	0	0	0	4
PL.41038	PL.25469	A	4ACSR	7.47Y	124.6	0.00	1.44	1.12	1	8	1	99	0.00	0.0	9.070	0.009	0	0	0	2
PD.7333-A	PL.41038	A	Closed	7.47Y	124.6	0.00	1.44	1.12	0	8	1	99	0.00	0.0	9.070	0.000	0	0	0	2
PD.7333-B	PD.7333-A	A	Closed	7.47Y	124.6	0.00	1.44	1.12	0	8	1	99	0.00	0.0	9.070	0.000	0	0	0	2
PL.41039	PD.7333-B	A	4ACSR	7.47Y	124.6	0.00	1.44	1.12	1	8	1	99	0.00	0.0	9.102	0.032	0	0	0	2
PL.25471	PL.41039	A	4ACSR	7.47Y	124.6	0.00	1.45	1.12	1	8	1	99	0.00	0.0	9.160	0.058	0	0	0	2
PL.127	PL.25471	A	4ACSR	7.47Y	124.6	0.00	1.45	1.12	1	8	1	99	0.00	0.0	9.171	0.011	0	0	0	2
PL.25474	PL.127	A	4ACSR	7.47Y	124.5	0.01	1.46	1.12	1	8	1	99	0.00	0.0	9.358	0.187	0	0	0	2
PL.25475	PL.25474	A	4ACSR	7.47Y	124.5	0.00	1.46	0.41	0	3	0	100	0.00	0.0	9.393	0.035	0	0	0	1
PL.2622	PL.25475	A	4ACSR	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	9.508	0.115	0	0	0	0
PL.2621	PL.2622	A	4ACSR	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	9.592	0.084	0	0	0	0
PL.25473	PL.25475	A	4ACSR	7.47Y	124.5	0.01	1.46	0.41	0	3	0	100	0.00	0.0	9.695	0.302	0	0	0	1
PL.25472	PL.25473	A	4ACSR	7.47Y	124.5	0.00	1.46	0.41	0	3	0	100	0.00	0.0	9.810	0.115	0	0	0	1
454407	PL.25472	A	Consumer	7.47Y	124.5	0.00	1.46	0.41	0	3	0	100	0.00	0.0	9.810	0.000	3	0	1	1
454411	PL.25473	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	9.695	0.000	0	0	0	0
PL.40852	PL.25474	A	4ACSR	7.47Y	124.5	0.00	1.46	0.71	0	5	1	98	0.00	0.0	9.366	0.008	0	0	0	1
PD.7581	PL.40852	A	fuse6AMP	7.47Y	124.5	0.00	1.46	0.71	12	5	1	98	0.00	0.0	9.366	0.000	0	0	0	1
PL.40853	PD.7581	A	4ACSR	7.47Y	124.5	0.00	1.46	0.71	0	5	1	98	0.00	0.0	9.510	0.144	0	0	0	1
454430	PL.40853	A	Consumer	7.47Y	124.5	0.00	1.46	0.71	0	5	1	98	0.00	0.0	9.510	0.000	5	1	1	1
PL.2650	PL.25469	A	4ACSR	7.47Y	124.6	0.00	1.44	0.93	0	7	1	99	0.00	0.0	9.132	0.071	0	0	0	1
455466	PL.2650	A	Consumer	7.47Y	124.6	0.00	1.44	0.93	0	7	1	99	0.00	0.0	9.132	0.000	7	1	1	1
455401	PL.25469	A	Consumer	7.47Y	124.6	0.00	1.44	1.04	0	8	1	99	0.00	0.0	9.062	0.000	8	1	1	1
PL.40850	PL.25468	A	4ACSR	7.48Y	124.6	0.00	1.41	1.30	1	10	2	98	0.00	0.0	8.797	0.006	0	0	0	2
PD.7580	PL.40850	A	fuse6AMP	7.48Y	124.6	0.00	1.41	1.30	22	10	2	98	0.00	0.0	8.797	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.40851	PD.7580	A	4ACSR	7.48Y	124.6	0.00	1.41	1.30	1	10	2	98	0.00	0.0	8.856	0.059	0	0	0	2
PL.2651	PL.40851	A	4ACSR	7.48Y	124.6	0.00	1.41	1.19	1	9	1	99	0.00	0.0	8.891	0.035	0	0	0	1
455467	PL.2651	A	Consumer	7.48Y	124.6	0.00	1.41	1.19	0	9	1	99	0.00	0.0	8.891	0.000	9	1	1	1
455457	PL.40851	A	Consumer	7.48Y	124.6	0.00	1.41	0.11	0	1	0	100	0.00	0.0	8.856	0.000	1	0	1	1
455416	PL.25467	A	Consumer	7.48Y	124.6	0.00	1.39	1.77	0	13	2	99	0.00	0.0	8.704	0.000	13	2	1	1
PL.40848	PL.15560	A	4ACSR	7.48Y	124.6	0.00	1.35	1.87	1	14	2	99	0.00	0.0	8.574	0.006	0	0	0	1
PD.1511	PL.40848	A	fuse6AMP	7.48Y	124.6	0.00	1.35	1.87	32	14	2	99	0.00	0.0	8.574	0.000	0	0	0	1
PL.40849	PD.1511	A	4ACSR	7.48Y	124.6	0.02	1.37	1.87	1	14	2	99	0.00	0.0	8.763	0.188	0	0	0	1
PL.23522	PL.40849	A	4ACSR	7.48Y	124.6	0.01	1.38	1.87	1	14	2	99	0.00	0.0	8.891	0.129	0	0	0	1
455413	PL.23522	A	Consumer	7.48Y	124.6	0.00	1.38	1.87	0	14	2	99	0.00	0.0	8.891	0.000	14	2	1	1
455422	PL.40849	A	Consumer	7.48Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	8.763	0.000	0	0	0	0
PL.23521	PL.25464	A	4ACSR	7.48Y	124.7	0.00	1.34	0.72	0	5	1	98	0.00	0.0	8.577	0.050	0	0	0	1
455415	PL.23521	A	Consumer	7.48Y	124.7	0.00	1.34	0.72	0	5	1	98	0.00	0.0	8.577	0.000	5	1	1	1
PL.40844	PL.20419	A	4ACSR	7.48Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	8.467	0.003	0	0	0	0
PD.7578	PL.40844	A	fuse6AMP	7.48Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	8.467	0.000	0	0	0	0
455459	PL.40886	B	Consumer	7.48Y	124.7	0.00	1.34	0.17	0	1	0	100	0.00	0.0	8.378	0.000	1	0	1	1
455461	PL.40886	B	Consumer	7.48Y	124.7	0.00	1.34	0.74	0	5	1	98	0.00	0.0	8.378	0.000	5	1	1	1
455405	PL.40886	B	Consumer	7.48Y	124.7	0.00	1.34	0.21	0	2	0	100	0.00	0.0	8.378	0.000	2	0	1	1
455423	PL.40886	B	Consumer	7.48Y	124.7	0.00	1.34	0.72	0	5	1	98	0.00	0.0	8.378	0.000	5	1	1	1
PL.40827	PL.25405	C	4ACSR	7.48Y	124.7	0.00	1.28	1.61	1	12	2	99	0.00	0.0	8.320	0.005	0	0	0	1
PD.7572	PL.40827	C	fuse6AMP	7.48Y	124.7	0.00	1.28	1.61	27	12	2	99	0.00	0.0	8.320	0.000	0	0	0	1
PL.40828	PD.7572	C	4ACSR	7.48Y	124.7	0.01	1.29	1.61	1	12	2	99	0.00	0.0	8.428	0.108	0	0	0	1
455418	PL.40828	C	Consumer	7.48Y	124.7	0.00	1.29	1.61	0	12	2	99	0.00	0.0	8.428	0.000	12	2	1	1
PL.40829	PL.25401	B	4ACSR	7.49Y	124.8	0.00	1.17	0.88	0	7	1	99	0.00	0.0	8.220	0.006	0	0	0	2
PD.7573	PL.40829	B	fuse6AMP	7.49Y	124.8	0.00	1.17	0.88	15	7	1	99	0.00	0.0	8.220	0.000	0	0	0	2
PL.40830	PD.7573	B	4ACSR	7.49Y	124.8	0.00	1.17	0.88	0	7	1	99	0.00	0.0	8.323	0.103	0	0	0	2
PL.2649	PL.40830	B	4ACSR	7.49Y	124.8	0.00	1.17	0.53	0	4	1	97	0.00	0.0	8.374	0.051	0	0	0	1
455465	PL.2649	B	Consumer	7.49Y	124.8	0.00	1.17	0.53	0	4	1	97	0.00	0.0	8.374	0.000	4	1	1	1
PL.25403	PL.40830	B	4ACSR	7.49Y	124.8	0.00	1.17	0.35	0	3	0	100	0.00	0.0	8.362	0.040	0	0	0	1
455455	PL.25403	B	Consumer	7.49Y	124.8	0.00	1.17	0.35	0	3	0	100	0.00	0.0	8.362	0.000	3	0	1	1
PL.40831	PL.25400	A	4ACSR	7.51Y	125.2	0.00	0.79	2.10	1	16	3	98	0.00	0.0	7.927	0.002	0	0	0	3
PD.7574	PL.40831	A	fuse6AMP	7.51Y	125.2	0.00	0.79	2.10	36	16	3	98	0.00	0.0	7.927	0.000	0	0	0	3
PL.40834	PD.7574	A	4ACSR	7.51Y	125.2	0.00	0.79	2.10	1	16	3	98	0.00	0.0	7.931	0.004	0	0	0	3
PL.40833	PL.40834	A	4ACSR	7.51Y	125.2	0.00	0.79	1.39	1	10	2	98	0.00	0.0	8.013	0.082	0	0	0	2
PL.2842	PL.40833	A	4ACSR	7.51Y	125.2	0.00	0.80	1.39	1	10	2	98	0.00	0.0	8.055	0.042	0	0	0	2
PL.2841	PL.2842	A	4ACSR	7.51Y	125.2	0.00	0.80	1.39	1	10	2	98	0.00	0.0	8.105	0.050	0	0	0	2
455410	PL.2841	A	Consumer	7.51Y	125.2	0.00	0.80	0.00	0	0	0	100	0.00	0.0	8.105	0.000	0	0	0	0
455435	PL.2841	A	Consumer	7.51Y	125.2	0.00	0.80	0.59	0	4	1	97	0.00	0.0	8.105	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts					Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	Length (mi)							KW	KVAR		
455437	PL.2841	A	Consumer	7.51Y	125.2	0.00	0.80	0.80	0	6	1	99	0.00	0.0	8.105	0.000	6	1	1	1	
PL.40835	PL.40834	A	4ACSR	7.51Y	125.2	0.00	0.79	0.71	0	5	1	98	0.00	0.0	8.019	0.088	0	0	0	1	
PL.2840	PL.40835	A	4ACSR	7.51Y	125.2	0.01	0.80	0.71	0	5	1	98	0.00	0.0	8.218	0.199	0	0	0	1	
455421	PL.2840	A	Consumer	7.51Y	125.2	0.00	0.80	0.71	0	5	1	98	0.00	0.0	8.218	0.000	5	1	1	1	
455407	PL.25399	B	Consumer	7.52Y	125.3	0.00	0.71	1.46	0	11	2	98	0.00	0.0	7.790	0.000	11	2	1	1	
PL.18514	PL.25399	B	4ACSR	7.52Y	125.3	0.00	0.71	0.10	0	1	0	100	0.00	0.0	7.800	0.010	0	0	0	1	
PD.1066	PL.18514	B	fuse6AMP	7.52Y	125.3	0.00	0.71	0.10	2	1	0	100	0.00	0.0	7.800	0.000	0	0	0	1	
PL.18515	PD.1066	B	4ACSR	7.52Y	125.3	0.00	0.71	0.10	0	1	0	100	0.00	0.0	7.920	0.120	0	0	0	1	
455426	PL.18515	B	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	7.920	0.000	0	0	0	0	
455462	PL.18515	B	Consumer	7.52Y	125.3	0.00	0.71	0.10	0	1	0	100	0.00	0.0	7.920	0.000	1	0	1	1	
PL.15557	PL.25399	C	4ACSR	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	7.796	0.005	0	0	0	1	
PD.1509	PL.15557	C	fuse6AMP	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	7.796	0.000	0	0	0	1	
PL.15558	PD.1509	C	4ACSR	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	7.867	0.071	0	0	0	1	
PL.2845	PL.15558	C	4ACSR	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	7.930	0.063	0	0	0	1	
455406	PL.2845	C	Consumer	7.52Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	7.930	0.000	0	0	1	1	
PL.40836	PL.25398	B	4ACSR	7.52Y	125.4	0.00	0.58	1.96	1	15	2	99	0.00	0.0	7.680	0.005	0	0	0	2	
PD.7575	PL.40836	B	fuse6AMP	7.52Y	125.4	0.00	0.58	1.96	34	15	2	99	0.00	0.0	7.680	0.000	0	0	0	2	
PL.40837	PD.7575	B	4ACSR	7.52Y	125.4	0.01	0.59	1.96	1	15	2	99	0.00	0.0	7.774	0.094	0	0	0	2	
455438	PL.40837	B	Consumer	7.52Y	125.4	0.00	0.59	0.67	0	5	1	98	0.00	0.0	7.774	0.000	5	1	1	1	
455468	PL.40837	B	Consumer	7.52Y	125.4	0.00	0.59	1.29	0	10	2	98	0.00	0.0	7.774	0.000	10	2	1	1	
455414	PL.25398	B	Consumer	7.52Y	125.4	0.00	0.58	0.30	0	2	0	100	0.00	0.0	7.675	0.000	2	0	1	1	
455441	PL.25398	B	Consumer	7.52Y	125.4	0.00	0.58	0.15	0	1	0	100	0.00	0.0	7.675	0.000	1	0	1	1	
PL.40838	PL.18715	C	4ACSR	7.53Y	125.4	0.00	0.55	6.22	3	46	8	99	0.00	0.0	7.616	0.004	0	0	0	7	
C PD.7576	PL.40838	C	fuse6AMP	7.53Y	125.4	0.00	0.55	6.22	106	46	8	99	0.00	0.0	7.616	0.000	0	0	0	7 C	
PL.40839	PD.7576	C	4ACSR	7.53Y	125.4	0.01	0.56	6.22	3	46	8	99	0.00	0.0	7.637	0.020	0	0	0	7	
455446	PL.40839	C	Consumer	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	7.637	0.000	0	0	1	1	
PL.19185	PL.40839	C	4ACSR	7.53Y	125.4	0.01	0.56	6.22	3	46	8	99	0.00	0.0	7.657	0.021	0	0	0	6	
455443	PL.19185	C	Consumer	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	7.657	0.000	0	0	1	1	
PL.7023	PL.19185	C	4ACSR	7.53Y	125.4	0.01	0.57	6.22	3	46	8	99	0.00	0.0	7.693	0.036	0	0	0	5	
455450	PL.7023	C	Consumer	7.53Y	125.4	0.00	0.57	1.15	0	9	1	99	0.00	0.0	7.693	0.000	9	1	1	1	
455444	PL.7023	C	Consumer	7.53Y	125.4	0.00	0.57	0.66	0	5	1	98	0.00	0.0	7.693	0.000	5	1	1	1	
4554071	PL.7023	C	Consumer	7.53Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	7.693	0.000	0	0	0	0	
455442	PL.7023	C	Consumer	7.53Y	125.4	0.00	0.57	1.40	0	10	2	98	0.00	0.0	7.693	0.000	10	2	1	1	
455451	PL.7023	C	Consumer	7.53Y	125.4	0.00	0.57	1.44	0	11	2	98	0.00	0.0	7.693	0.000	11	2	1	1	
455464	PL.7023	C	Consumer	7.53Y	125.4	0.00	0.57	1.57	0	12	2	99	0.00	0.0	7.693	0.000	12	2	1	1	
455439	PL.27862	C	Consumer	7.53Y	125.5	0.00	0.53	1.14	0	8	1	99	0.00	0.0	7.599	0.000	8	1	1	1	
455434	PL.27862	C	Consumer	7.53Y	125.5	0.00	0.53	0.09	0	1	0	100	0.00	0.0	7.599	0.000	1	0	1	1	
PL.40840	PL.25397	A	4ACSR	7.54Y	125.6	0.00	0.41	2.24	1	17	3	98	0.00	0.0	7.578	0.004	0	0	0	1	

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PD.7577	PL.40840	A	fuse6AMP	7.54Y	125.6	0.00	0.41	2.24	38	17	3	98	0.00	0.0	7.578	0.000	0	0	0	1
PL.40841	PD.7577	A	4ACSR	7.53Y	125.6	0.01	0.42	2.24	1	17	3	98	0.00	0.0	7.665	0.087	0	0	0	1
PL.23523	PL.40841	A	4ACSR	7.53Y	125.6	0.01	0.43	2.24	1	17	3	98	0.00	0.0	7.733	0.068	0	0	0	1
PL.23524	PL.23523	A	4ACSR	7.53Y	125.6	0.00	0.43	2.24	1	17	3	98	0.00	0.0	7.753	0.020	0	0	0	1
455411	PL.23524	A	Consumer	7.53Y	125.6	0.00	0.43	2.24	0	17	3	98	0.00	0.0	7.753	0.000	17	3	1	1
4554070	455411	A	Consumer	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	7.753	0.000	0	0	0	0
455440	PL.25397	C	Consumer	7.53Y	125.5	0.00	0.50	0.10	0	1	0	100	0.00	0.0	7.575	0.000	1	0	1	1
455449	PL.25396	A	Consumer	7.54Y	125.7	0.00	0.33	0.05	0	0	0	100	0.00	0.0	7.497	0.000	0	0	1	1
455447	PL.25396	A	Consumer	7.54Y	125.7	0.00	0.33	0.17	0	1	0	100	0.00	0.0	7.497	0.000	1	0	1	1
454405	PL.25505	A	Consumer	7.55Y	125.8	0.00	0.18	0.37	0	3	0	100	0.00	0.0	7.360	0.000	3	0	1	1
PL.2623	PL.20599	A	4ACSR	7.23Y	120.6	0.00	5.42	0.57	0	4	2	89	0.00	0.0	7.263	0.059	0	0	0	1
		B		7.23Y	120.4	-0.00	5.58	0.00	0	0	0	100			0		0	0	0	0
		C		7.12Y	118.6	0.00	7.37	0.00	0	0	0	100			0		0	0	0	0
454503	PL.2623	A	Consumer	7.23Y	120.6	0.00	5.42	0.57	0	4	2	89	0.00	0.0	7.263	0.000	4	2	1	1
454510	PL.20600	B	Consumer	7.23Y	120.6	0.00	5.45	0.07	0	0	0	100	0.00	0.0	7.100	0.000	0	0	1	1
PL.17794	PL.25504	C	4ACSR	7.14Y	119.0	0.00	7.02	3.83	2	25	11	92	0.00	0.0	6.967	0.009	0	0	0	3
PD.1048	PL.17794	C	fuse6AMP	7.14Y	119.0	0.00	7.02	3.83	66	25	11	92	0.00	0.0	6.967	0.000	0	0	0	3
PL.17795	PD.1048	C	4ACSR	7.14Y	119.0	0.01	7.03	3.83	2	25	11	92	0.00	0.0	7.017	0.051	0	0	0	3
PL.6976	PL.17795	C	4ACSR	7.14Y	119.0	0.00	7.03	0.00	0	0	0	100	0.00	0.0	7.018	0.000	0	0	0	0
454509	PL.17795	C	Consumer	7.14Y	119.0	0.00	7.03	0.15	0	1	0	100	0.00	0.0	7.017	0.000	1	0	1	1
454507	PL.17795	C	Consumer	7.14Y	119.0	0.00	7.03	3.33	0	21	10	90	0.00	0.0	7.017	0.000	21	10	1	1
454508	PL.17795	C	Consumer	7.14Y	119.0	0.00	7.03	0.38	0	3	0	100	0.00	0.0	7.017	0.000	3	0	1	1
PL.23076	PL.18729	B	4ACSR	7.25Y	120.9	0.00	5.12	0.00	0	0	0	100	0.00	0.0	6.968	0.120	0	0	0	0
454502	PL.18729	A	Consumer	7.26Y	121.0	0.00	5.00	0.25	0	2	0	100	0.00	0.0	6.848	0.000	2	0	1	1
PL.40821	PL.18729	A	4ACSR	7.26Y	121.0	0.00	5.00	0.74	0	5	1	98	0.00	0.0	6.856	0.008	0	0	0	1
PD.7569	PL.40821	A	fuse6AMP	7.26Y	121.0	0.00	5.00	0.74	13	5	1	98	0.00	0.0	6.856	0.000	0	0	0	1
PL.40822	PD.7569	A	4ACSR	7.26Y	121.0	0.00	5.00	0.74	0	5	1	98	0.00	0.0	6.930	0.074	0	0	0	1
PL.22450	PL.40822	A	4ACSR	7.26Y	121.0	0.00	5.00	0.00	0	0	0	100	0.00	0.0	7.192	0.262	0	0	0	0
454412	PL.22450	A	Consumer	7.26Y	121.0	0.00	5.00	0.00	0	0	0	100	0.00	0.0	7.192	0.000	0	0	0	0
454428	PL.40822	A	Consumer	7.26Y	121.0	0.00	5.00	0.74	0	5	1	98	0.00	0.0	6.930	0.000	5	1	1	1
454408	PL.9234	A	Consumer	7.27Y	121.1	0.00	4.87	0.00	0	0	0	100	0.00	0.0	6.735	0.000	0	0	1	1
454409	PL.9234	B	Consumer	7.26Y	121.0	0.00	4.98	1.45	0	10	2	98	0.00	0.0	6.735	0.000	10	2	1	1
PL.40823	PL.9235	A	4ACSR	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	6.602	0.004	0	0	0	1
PD.7570	PL.40823	A	fuse6AMP	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	6.602	0.000	0	0	0	1
PL.40824	PD.7570	A	4ACSR	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	6.714	0.113	0	0	0	1
454406	PL.40824	A	Consumer	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	6.714	0.000	0	0	1	1
454425	PL.9233	A	Consumer	7.28Y	121.4	0.00	4.60	0.11	0	1	0	100	0.00	0.0	6.519	0.000	1	0	1	1
PL.40825	PL.19297	A	4ACSR	7.29Y	121.5	0.00	4.48	1.87	1	13	2	99	0.00	0.0	6.419	0.004	0	0	0	4
PD.7571	PL.40825	A	fuse6AMP	7.29Y	121.5	0.00	4.48	1.87	32	13	2	99	0.00	0.0	6.419	0.000	0	0	0	4

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.40826	PD.7571	A	4ACSR	7.29Y	121.5	0.01	4.49	1.87	1	13	2	99	0.00	0.0	6.562	0.142	0	0	0	4
PL.23078	PL.40826	A	4ACSR	7.29Y	121.5	0.00	4.49	0.23	0	2	0	100	0.00	0.0	6.597	0.035	0	0	0	1
454424	PL.23078	A	Consumer	7.29Y	121.5	0.00	4.49	0.23	0	2	0	100	0.00	0.0	6.597	0.000	2	0	1	1
454427	PL.40826	A	Consumer	7.29Y	121.5	0.00	4.49	0.57	0	4	1	97	0.00	0.0	6.562	0.000	4	1	1	1
PL.35664	PL.40826	A	4ACSR	7.29Y	121.5	0.00	4.49	1.07	1	8	1	99	0.00	0.0	6.602	0.041	0	0	0	2
PL.35666	PL.35664	A	4ACSR	7.29Y	121.5	0.00	4.49	1.07	1	8	1	99	0.00	0.0	6.659	0.057	0	0	0	2
4544031	PL.35666	A	Consumer	7.29Y	121.5	0.00	4.49	1.03	0	7	1	99	0.00	0.0	6.659	0.000	7	1	1	1
PL.35667	PL.35666	A	4ACSR	7.29Y	121.5	0.00	4.49	0.04	0	0	0	100	0.00	0.0	6.674	0.014	0	0	0	1
454429	PL.35667	A	Consumer	7.29Y	121.5	0.00	4.49	0.04	0	0	0	100	0.00	0.0	6.674	0.000	0	0	1	1
453401	PL.19298	A	Consumer	7.31Y	121.8	0.00	4.21	0.97	0	7	1	99	0.00	0.0	6.206	0.000	7	1	1	1
4534002	PL.19298	A	Consumer	7.31Y	121.8	0.00	4.21	0.00	0	0	0	100	0.00	0.0	6.206	0.000	0	0	0	0
452501	PL.6542	A	Consumer	7.39Y	123.1	0.00	2.89	0.37	0	3	0	100	0.00	0.0	5.056	0.000	3	0	1	1
PL.120	PL.9221	A	1/0ACSR	7.51Y	125.1	0.00	0.89	0.93	0	6	3	89	0.00	0.0	1.572	0.087	0	0	0	1
		B		7.51Y	125.2	-0.00	0.82	0.00	0	0	0	100					0	0	0	0
		C		7.47Y	124.6	0.00	1.43	0.00	0	0	0	100					0	0	0	0
PL.9216	PL.120	A	1/0ACSR	7.51Y	125.1	0.00	0.89	0.93	0	6	3	89	0.00	0.0	1.590	0.019	0	0	0	1
		B		7.51Y	125.2	-0.00	0.82	0.00	0	0	0	100					0	0	0	0
		C		7.47Y	124.6	0.00	1.43	0.00	0	0	0	100					0	0	0	0
PD.7257	PL.9216	A	fuse6AMP	7.51Y	125.1	0.00	0.89	0.93	16	6	3	89	0.00	0.0	1.590	0.000	0	0	0	1
		B		7.51Y	125.2	0.00	0.82	0.00	0	0	0	100					0	0	0	0
		C		7.47Y	124.6	0.00	1.43	0.00	0	0	0	100					0	0	0	0
PL.9219	PD.7257	A	1/0ACSR	7.51Y	125.1	0.00	0.89	0.93	0	6	3	89	0.00	0.0	1.773	0.182	0	0	0	1
		B		7.51Y	125.2	-0.00	0.82	0.00	0	0	0	100					0	0	0	0
		C		7.47Y	124.6	0.00	1.43	0.00	0	0	0	100					0	0	0	0
PL.15551	PL.9219	A	4ACSR	7.51Y	125.1	0.00	0.89	0.93	0	6	3	89	0.00	0.0	1.773	0.001	0	0	0	1
PL.15552	PL.15551	A	4ACSR	7.51Y	125.1	0.00	0.89	0.93	0	6	3	89	0.00	0.0	1.780	0.007	0	0	0	1
PD.1040	PL.15552	A	fuse6AMP	7.51Y	125.1	0.00	0.89	0.93	16	6	3	89	0.00	0.0	1.780	0.000	0	0	0	1
PL.15553	PD.1040	A	4ACSR	7.51Y	125.1	0.00	0.90	0.93	0	6	3	89	0.00	0.0	1.878	0.098	0	0	0	1
PL.2798	PL.15553	A	4ACSR	7.51Y	125.1	0.00	0.90	0.93	0	6	3	89	0.00	0.0	1.987	0.109	0	0	0	1
451824	PL.2798	A	Consumer	7.51Y	125.1	0.00	0.90	0.93	0	6	3	89	0.00	0.0	1.987	0.000	6	3	1	1
PL.2799	PL.15553	A	4ACSR	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	2.016	0.138	0	0	0	0
PL.29287	PL.9220	A	4ACSR	7.51Y	125.2	0.00	0.83	0.00	0	0	0	100	0.00	0.0	1.410	0.049	0	0	0	0
450803	PL.20406	C	Consumer	7.50Y	125.1	0.00	0.93	1.37	0	10	0	100	0.00	0.0	1.006	0.000	10	0	1	1
PL.15546	PL.9159	A	336ACSR	7.53Y	125.5	0.00	0.54	10.67	1	80	8	100	0.00	0.0	0.746	0.003	0	0	0	15
		B		7.54Y	125.7	0.00	0.33	6.20	1	44	16	94					0	0	0	6
		C		7.52Y	125.3	0.00	0.66	3.44	0	25	7	97					0	0	0	1
PL.15547	PL.15546	A	336ACSR	7.53Y	125.5	0.01	0.54	10.67	1	80	8	100	0.00	0.0	0.810	0.064	0	0	0	15
		B		7.54Y	125.7	0.00	0.33	6.20	1	44	16	94					0	0	0	6
		C		7.52Y	125.3	0.00	0.66	3.44	0	25	7	97					0	0	0	1
PL.15544	PL.15547	A	336ACSR	7.53Y	125.5	0.00	0.54	8.87	1	66	7	99	0.00	0.0	0.813	0.003	0	0	0	11
		B		7.54Y	125.7	0.00	0.33	6.20	1	44	16	94					0	0	0	6
		C		7.52Y	125.3	0.00	0.66	3.44	0	25	7	97					0	0	0	1
PL.40672	PL.15544	A	336ACSR	7.53Y	125.5	0.00	0.54	8.87	1	66	7	99	0.00	0.0	0.847	0.034	0	0	0	11
		B		7.54Y	125.7	0.00	0.33	6.20	1	44	16	94					0	0	0	6
		C		7.52Y	125.3	0.00	0.66	3.44	0	25	7	97					0	0	0	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PD.7255, PL.40673, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.9227, 450825, PL.29298, etc.

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.40671	PD.1043	A	4ACSR	7.53Y	125.5	0.01	0.55	1.80	1	14	1	100	0.00	0.0	0.917	0.103	0	0	0	4
450808	PL.40671	A	Consumer	7.53Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	0.917	0.000	0	0	1	1
450812	PL.40671	A	Consumer	7.53Y	125.5	0.00	0.55	0.04	0	0	0	100	0.00	0.0	0.917	0.000	0	0	1	1
450809	PL.40671	A	Consumer	7.53Y	125.5	0.00	0.55	1.30	0	10	0	100	0.00	0.0	0.917	0.000	10	0	1	1
450821	PL.40671	A	Consumer	7.53Y	125.5	0.00	0.55	0.47	0	4	0	100	0.00	0.0	0.917	0.000	4	0	1	1
450801	PL.124	C	Consumer	7.52Y	125.3	0.00	0.66	1.47	0	11	0	100	0.00	0.0	0.743	0.000	11	0	1	1
PL.2790	PL.9158	A	4ACSR	7.54Y	125.6	0.00	0.41	0.66	0	5	0	100	0.00	0.0	0.520	0.071	0	0	0	2
450705	PL.2790	A	Consumer	7.54Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	0.520	0.000	0	0	0	0
450710	PL.2790	A	Consumer	7.54Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	0.520	0.000	0	0	0	0
450820	PL.2790	A	Consumer	7.54Y	125.6	0.00	0.41	0.25	0	2	0	100	0.00	0.0	0.520	0.000	2	0	1	1
450703	PL.2790	A	Consumer	7.54Y	125.6	0.00	0.41	0.41	0	3	0	100	0.00	0.0	0.520	0.000	3	0	1	1
PL.2792	PL.9158	A	4ACSR	7.53Y	125.6	0.02	0.43	4.41	2	33	1	100	0.01	0.0	0.587	0.139	0	0	0	6
PL.2801	PL.2792	A	4ACSR	7.53Y	125.6	0.01	0.44	2.45	1	18	1	100	0.00	0.0	0.685	0.097	0	0	0	3
399834	PL.2801	A	Consumer	7.53Y	125.6	0.00	0.44	0.70	0	5	0	100	0.00	0.0	0.685	0.000	5	0	1	1
399828	PL.2801	A	Consumer	7.53Y	125.6	0.00	0.44	1.37	0	10	0	100	0.00	0.0	0.685	0.000	10	0	1	1
399821	PL.2801	A	Consumer	7.53Y	125.6	0.00	0.44	0.38	0	3	0	100	0.00	0.0	0.685	0.000	3	0	1	1
450704	PL.2792	A	Consumer	7.53Y	125.6	0.00	0.43	0.02	0	0	0	100	0.00	0.0	0.587	0.000	0	0	1	1
450711	PL.2792	A	Consumer	7.53Y	125.6	0.00	0.43	0.00	0	0	0	100	0.00	0.0	0.587	0.000	0	0	0	0
450718	PL.2792	A	Consumer	7.53Y	125.6	0.00	0.43	1.13	0	8	0	100	0.00	0.0	0.587	0.000	8	0	1	1
450716	PL.2792	A	Consumer	7.53Y	125.6	0.00	0.43	0.81	0	6	0	100	0.00	0.0	0.587	0.000	6	0	1	1
450702	PL.6534	B	Consumer	7.55Y	125.9	0.00	0.10	0.95	0	7	0	100	0.00	0.0	0.327	0.000	7	0	1	1
450713	PL.6534	B	Consumer	7.55Y	125.9	0.00	0.10	1.57	0	12	0	100	0.00	0.0	0.327	0.000	12	0	1	1
450707	PL.6534	B	Consumer	7.55Y	125.9	0.00	0.10	0.20	0	2	0	100	0.00	0.0	0.327	0.000	2	0	1	1
PL.18761	PL.121	A	4ACSR	7.54Y	125.6	0.02	0.35	43.35	22	322	53	99	0.04	0.0	0.312	0.009	0	0	0	44
C PD.2663	PL.18761	A	35L	7.54Y	125.6	0.00	0.35	43.35	124	322	53	99	0.00	0.0	0.312	0.000	0	0	0	44 C
PL.18760	PD.2663	A	4ACSR	7.54Y	125.6	0.04	0.39	43.35	22	322	53	99	0.09	0.0	0.332	0.020	0	0	0	44
PL.9614	PL.18760	A	4ACSR	7.53Y	125.5	0.08	0.48	40.93	21	305	47	99	0.19	0.1	0.380	0.048	0	0	0	42
399783	PL.9614	A	Consumer	7.53Y	125.5	0.00	0.48	0.22	0	2	0	100	0.00	0.0	0.380	0.000	2	0	1	1
450719	PL.9614	A	Consumer	7.53Y	125.5	0.00	0.48	0.59	0	4	0	100	0.00	0.0	0.380	0.000	4	0	1	1
PL.40668	PL.9614	A	4ACSR	7.53Y	125.5	0.00	0.48	8.14	4	61	2	100	0.00	0.0	0.388	0.009	0	0	0	10
C PD.7254	PL.40668	A	fuse6AMP	7.53Y	125.5	0.00	0.48	8.14	139	61	2	100	0.00	0.0	0.388	0.000	0	0	0	10 C
PL.40669	PD.7254	A	4ACSR	7.53Y	125.5	0.01	0.49	8.14	4	61	2	100	0.01	0.0	0.428	0.040	0	0	0	10
PL.9157	PL.40669	A	4ACSR	7.53Y	125.5	0.00	0.50	8.14	4	61	2	100	0.00	0.0	0.441	0.013	0	0	0	10
PL.24001	PL.9157	A	4ACSR	7.53Y	125.5	0.03	0.52	8.14	4	61	2	100	0.01	0.0	0.519	0.077	0	0	0	10
PL.24002	PL.24001	A	4ACSR	7.53Y	125.5	0.01	0.53	3.61	2	27	1	100	0.00	0.0	0.554	0.035	0	0	0	5
PL.24711	PL.24002	A	4ACSR	7.53Y	125.5	0.00	0.53	0.79	0	6	0	100	0.00	0.0	0.602	0.047	0	0	0	2
PL.24712	PL.24711	A	4ACSR	7.53Y	125.5	0.00	0.53	0.71	0	5	0	100	0.00	0.0	0.620	0.018	0	0	0	1
399826	PL.24712	A	Consumer	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	0.620	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
399812	PL.24712	A	Consumer	7.53Y	125.5	0.00	0.53	0.71	0	5	0	100	0.00	0.0	0.620	0.000	5	0	1	1
399835	PL.24711	A	Consumer	7.53Y	125.5	0.00	0.53	0.07	0	1	0	100	0.00	0.0	0.602	0.000	1	0	1	1
399811	PL.24002	A	Consumer	7.53Y	125.5	0.00	0.53	0.08	0	1	0	100	0.00	0.0	0.554	0.000	1	0	1	1
399814	PL.24002	A	Consumer	7.53Y	125.5	0.00	0.53	0.96	0	7	0	100	0.00	0.0	0.554	0.000	7	0	1	1
399823	PL.24002	A	Consumer	7.53Y	125.5	0.00	0.53	1.79	0	13	0	100	0.00	0.0	0.554	0.000	13	0	1	1
399830	PL.24001	A	Consumer	7.53Y	125.5	0.00	0.52	1.46	0	11	0	100	0.00	0.0	0.519	0.000	11	0	1	1
399730	PL.24001	A	Consumer	7.53Y	125.5	0.00	0.52	0.41	0	3	0	100	0.00	0.0	0.519	0.000	3	0	1	1
399827	PL.24001	A	Consumer	7.53Y	125.5	0.00	0.52	1.06	0	8	0	100	0.00	0.0	0.519	0.000	8	0	1	1
399831	PL.24001	A	Consumer	7.53Y	125.5	0.00	0.52	0.01	0	0	0	100	0.00	0.0	0.519	0.000	0	0	1	1
399829	PL.24001	A	Consumer	7.53Y	125.5	0.00	0.52	1.59	0	12	0	100	0.00	0.0	0.519	0.000	12	0	1	1
PL.9613	PL.9614	A	4ACSR	7.53Y	125.5	0.02	0.50	32.06	17	237	45	98	0.03	0.0	0.394	0.014	0	0	0	30
PL.40629	PL.9613	A	4ACSR	7.53Y	125.4	0.08	0.57	32.06	17	237	45	98	0.13	0.1	0.448	0.055	0	0	0	30
399768	PL.40629	A	Consumer	7.53Y	125.4	0.00	0.57	1.06	0	8	0	100	0.00	0.0	0.448	0.000	8	0	1	1
399767	PL.40629	A	Consumer	7.53Y	125.4	0.00	0.57	1.17	0	9	0	100	0.00	0.0	0.448	0.000	9	0	1	1
399744	PL.40629	A	Consumer	7.53Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	0.448	0.000	0	0	0	0
PL.40630	PL.40629	A	4ACSR	7.52Y	125.4	0.04	0.61	29.86	15	220	44	98	0.06	0.0	0.477	0.029	0	0	0	28
PL.36666	PL.40630	A	4ACSR	7.52Y	125.3	0.04	0.65	28.29	15	208	44	98	0.07	0.0	0.513	0.035	0	0	0	26
399782	PL.36666	A	Consumer	7.52Y	125.3	0.00	0.65	9.91	0	63	39	85	0.00	0.0	0.513	0.000	63	39	1	1
399771	PL.36666	A	Consumer	7.52Y	125.3	0.00	0.65	0.37	0	3	0	100	0.00	0.0	0.513	0.000	3	0	1	1
PL.36662	PL.36666	A	4ACSR	7.52Y	125.3	0.02	0.67	18.90	10	142	4	100	0.02	0.0	0.537	0.024	0	0	0	24
PL.15742	PL.36662	A	4ACSR	7.52Y	125.3	0.03	0.70	16.75	9	126	4	100	0.03	0.0	0.581	0.045	0	0	0	21
PD.248-A	PL.15742	A	Closed	7.52Y	125.3	0.00	0.70	16.75	0	126	4	100	0.00	0.0	0.581	0.000	0	0	0	21
PD.248-B	PD.248-A	A	Closed	7.52Y	125.3	0.00	0.70	16.75	0	126	4	100	0.00	0.0	0.581	0.000	0	0	0	21
399723	PD.248-B	A	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	0.581	0.000	0	0	1	1
PL.15741	PD.248-B	A	4ACSR	7.52Y	125.3	0.00	0.70	16.75	9	126	4	100	0.00	0.0	0.584	0.002	0	0	0	20
PL.40662	PL.15741	A	4ACSR	7.52Y	125.3	0.00	0.71	6.68	3	50	2	100	0.00	0.0	0.591	0.007	0	0	0	8
C PD.7251	PL.40662	A	fuse6AMP	7.52Y	125.3	0.00	0.71	6.68	114	50	2	100	0.00	0.0	0.591	0.000	0	0	0	8 C
PL.40663	PD.7251	A	4ACSR	7.52Y	125.3	0.01	0.72	6.68	3	50	2	100	0.00	0.0	0.636	0.045	0	0	0	8
PL.9616	PL.40663	A	4ACSR	7.52Y	125.3	0.01	0.73	5.58	3	42	1	100	0.00	0.0	0.672	0.037	0	0	0	7
PL.9617	PL.9616	A	4ACSR	7.52Y	125.3	0.00	0.73	3.36	2	25	1	100	0.00	0.0	0.677	0.005	0	0	0	4
PL.1813	PL.9617	A	4ACSR	7.52Y	125.3	0.01	0.74	3.36	2	25	1	100	0.00	0.0	0.740	0.063	0	0	0	4
399815	PL.1813	A	Consumer	7.52Y	125.3	0.00	0.74	1.67	0	13	0	100	0.00	0.0	0.740	0.000	13	0	1	1
399820	PL.1813	A	Consumer	7.52Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	0.740	0.000	0	0	1	1
399816	PL.1813	A	Consumer	7.52Y	125.3	0.00	0.74	1.68	0	13	0	100	0.00	0.0	0.740	0.000	13	0	1	1
399822	PL.1813	A	Consumer	7.52Y	125.3	0.00	0.74	0.01	0	0	0	100	0.00	0.0	0.740	0.000	0	0	1	1
399781	PL.9616	A	Consumer	7.52Y	125.3	0.00	0.73	0.81	0	6	0	100	0.00	0.0	0.672	0.000	6	0	1	1
399726	PL.9616	A	Consumer	7.52Y	125.3	0.00	0.73	0.64	0	5	0	100	0.00	0.0	0.672	0.000	5	0	1	1
399785	PL.9616	A	Consumer	7.52Y	125.3	0.00	0.73	0.77	0	6	0	100	0.00	0.0	0.672	0.000	6	0	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
3997108	PL.40663	A	Consumer	7.52Y	125.3	0.00	0.72	1.10	0	8	0	100	0.00	0.0	0.636	0.000	8	0	1	1
PL.9615	PL.15741	A	4ACSR	7.52Y	125.3	0.03	0.74	10.07	5	76	2	100	0.02	0.0	0.669	0.085	0	0	0	12
399772	PL.9615	A	Consumer	7.52Y	125.3	0.00	0.74	1.39	0	10	0	100	0.00	0.0	0.669	0.000	10	0	1	1
399738	PL.9615	A	Consumer	7.52Y	125.3	0.00	0.74	0.96	0	7	0	100	0.00	0.0	0.669	0.000	7	0	1	1
PL.9154	PL.9615	A	4ACSR	7.52Y	125.3	0.01	0.75	7.72	4	58	2	100	0.00	0.0	0.692	0.023	0	0	0	10
PL.9156	PL.9154	A	4ACSR	7.51Y	125.2	0.01	0.75	4.86	3	37	1	100	0.00	0.0	0.733	0.041	0	0	0	6
PL.1810	PL.9156	A	4ACSR	7.51Y	125.2	0.00	0.76	1.46	1	11	0	100	0.00	0.0	0.763	0.031	0	0	0	1
399793	PL.1810	A	Consumer	7.51Y	125.2	0.00	0.76	1.46	0	11	0	100	0.00	0.0	0.763	0.000	11	0	1	1
PL.9155	PL.9156	A	4ACSR	7.51Y	125.2	0.01	0.76	3.41	2	26	1	100	0.00	0.0	0.783	0.050	0	0	0	5
399734	PL.9155	A	Consumer	7.51Y	125.2	0.00	0.76	0.38	0	3	0	100	0.00	0.0	0.783	0.000	3	0	1	1
399733	PL.9155	A	Consumer	7.51Y	125.2	0.00	0.76	1.09	0	8	0	100	0.00	0.0	0.783	0.000	8	0	1	1
PL.19533	PL.9155	A	4ACSR	7.51Y	125.2	0.00	0.76	1.94	1	15	0	100	0.00	0.0	0.816	0.033	0	0	0	3
PL.19532	PL.19533	A	4ACSR	7.51Y	125.2	0.00	0.77	1.81	1	14	0	100	0.00	0.0	0.844	0.028	0	0	0	2
PL.18717	PL.19532	A	4ACSR	7.51Y	125.2	0.00	0.77	1.81	1	14	0	100	0.00	0.0	0.874	0.030	0	0	0	2
399739	PL.18717	A	Consumer	7.51Y	125.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	0.874	0.000	0	0	0	0
PL.18716	PL.18717	A	4ACSR	7.51Y	125.2	0.00	0.77	1.81	1	14	0	100	0.00	0.0	0.932	0.057	0	0	0	2
399759	PL.18716	A	Consumer	7.51Y	125.2	0.00	0.77	1.17	0	9	0	100	0.00	0.0	0.932	0.000	9	0	1	1
399741	PL.18716	A	Consumer	7.51Y	125.2	0.00	0.77	0.63	0	5	0	100	0.00	0.0	0.932	0.000	5	0	1	1
399742	PL.19532	A	Consumer	7.51Y	125.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	0.844	0.000	0	0	0	0
399735	PL.19533	A	Consumer	7.51Y	125.2	0.00	0.76	0.13	0	1	0	100	0.00	0.0	0.816	0.000	1	0	1	1
399745	PL.9154	A	Consumer	7.52Y	125.3	0.00	0.75	0.52	0	4	0	100	0.00	0.0	0.692	0.000	4	0	1	1
399751	PL.9154	A	Consumer	7.52Y	125.3	0.00	0.75	0.99	0	7	0	100	0.00	0.0	0.692	0.000	7	0	1	1
PL.40664	PL.9154	A	4ACSR	7.52Y	125.3	0.00	0.75	1.34	1	10	0	100	0.00	0.0	0.699	0.007	0	0	0	2
PD.7252	PL.40664	A	fuse6AMP	7.52Y	125.3	0.00	0.75	1.34	23	10	0	100	0.00	0.0	0.699	0.000	0	0	0	2
PL.40665	PD.7252	A	4ACSR	7.52Y	125.3	0.00	0.75	1.34	1	10	0	100	0.00	0.0	0.746	0.047	0	0	0	2
399789	PL.40665	A	Consumer	7.52Y	125.3	0.00	0.75	0.79	0	6	0	100	0.00	0.0	0.746	0.000	6	0	1	1
399758	PL.40665	A	Consumer	7.52Y	125.3	0.00	0.75	0.55	0	4	0	100	0.00	0.0	0.746	0.000	4	0	1	1
399769	PL.36662	A	Consumer	7.52Y	125.3	0.00	0.67	0.79	0	6	0	100	0.00	0.0	0.537	0.000	6	0	1	1
399770	PL.36662	A	Consumer	7.52Y	125.3	0.00	0.67	0.25	0	2	0	100	0.00	0.0	0.537	0.000	2	0	1	1
399725	PL.36662	A	Consumer	7.52Y	125.3	0.00	0.67	1.11	0	8	0	100	0.00	0.0	0.537	0.000	8	0	1	1
3997105	PL.40630	A	Consumer	7.52Y	125.4	0.00	0.61	1.59	0	12	0	100	0.00	0.0	0.477	0.000	3	0	1	2
3997104	3997105	A	Consumer	7.52Y	125.4	0.00	0.61	1.22	0	9	0	100	0.00	0.0	0.477	0.000	9	0	1	1
450709	PL.18760	A	Consumer	7.54Y	125.6	0.00	0.39	0.67	0	5	0	100	0.00	0.0	0.332	0.000	5	0	1	1
450708	PL.18760	A	Consumer	7.54Y	125.6	0.00	0.39	1.84	0	12	6	89	0.00	0.0	0.332	0.000	12	6	1	1
450715	PL.23629	B	Consumer	7.56Y	125.9	0.00	0.08	1.56	0	12	0	100	0.00	0.0	0.267	0.000	12	0	1	1
399711	PL.23629	B	Consumer	7.56Y	125.9	0.00	0.08	0.62	0	5	0	100	0.00	0.0	0.267	0.000	5	0	1	1
450712	PL.23629	B	Consumer	7.56Y	125.9	0.00	0.08	3.01	0	20	10	89	0.00	0.0	0.267	0.000	20	10	1	1
450720	PL.23629	A	Consumer	7.54Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	0.267	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: CAVE RUN

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
PL.1809	PL.18819	B	4ACSR	7.56Y	125.9	0.01	0.07	2.30	1	17	2	99	0.00	0.0	0.236	0.052	0	0	0	3
399720	PL.1809	B	Consumer	7.56Y	125.9	0.00	0.07	0.13	0	1	0	100	0.00	0.0	0.236	0.000	1	0	1	1
399777	PL.1809	B	Consumer	7.56Y	125.9	0.00	0.07	1.64	0	12	0	100	0.00	0.0	0.236	0.000	12	0	1	1
399714	PL.1809	B	Consumer	7.56Y	125.9	0.00	0.07	0.57	0	4	2	89	0.00	0.0	0.236	0.000	4	2	1	1
399712	PL.18819	B	Consumer	7.56Y	125.9	0.00	0.06	0.20	0	1	1	71	0.00	0.0	0.184	0.000	1	1	1	1
399736	PL.18819	C	Consumer	7.55Y	125.8	0.00	0.17	0.23	0	2	0	100	0.00	0.0	0.184	0.000	2	0	1	1
399773	PL.18819	C	Consumer	7.55Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	0.184	0.000	0	0	0	0
399791	PL.18819	B	Consumer	7.56Y	125.9	0.00	0.06	0.57	0	4	0	100	0.00	0.0	0.184	0.000	4	0	1	1

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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	2611	0	0	0	0	0	55	0.00		2666
KVAR	546	0	0	-147	0	0	46			445

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 120.58 volts on PL.2623	5.42 volts on PL.2623	1.08 volts on PL.15555
B-Phase -> 120.42 volts on PL.20599	5.58 volts on PL.20599	1.12 volts on PL.15555
C-Phase -> 118.63 volts on PL.2623	7.37 volts on PL.2623	1.43 volts on PL.15555

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 3 (CLAYCTY3) Beginning with Device PD.3883.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.20065, 621801, 621903, etc.

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for elements PL.16211, PD.2357-A, PD.2357-B, PL.16212, PL.12702, PL.16208, C PD.2923, PL.16209, PL.12698, PL.7279, PL.12642, PL.27718, PL.18765, PL.27910, PD.2358-A, PD.2358-B, PL.27911, PD.3573, PL.17459, PL.12643, 626801, 626809, 626805, PL.12644, PL.40756.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.40757	PL.40756	C	4ACSR	7.49Y	124.8	0.01	1.18	4.57	2	34	5	99	0.00	0.0	1.772	0.074	0	0	0	8
625603	PL.40757	C	Consumer	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	1.772	0.000	0	0	0	0
PL.38870	PL.40757	C	4ACSR	7.49Y	124.8	0.00	1.18	1.25	1	9	1	99	0.00	0.0	1.778	0.006	0	0	0	3
PD.6750	PL.38870	C	fuse6AMP	7.49Y	124.8	0.00	1.18	1.25	21	9	1	99	0.00	0.0	1.778	0.000	0	0	0	3
PL.38871	PD.6750	C	4ACSR	7.49Y	124.8	0.00	1.18	1.25	1	9	1	99	0.00	0.0	1.781	0.003	0	0	0	3
PL.38869	PL.38871	C	4ACSR	7.49Y	124.8	0.00	1.18	1.25	1	9	1	99	0.00	0.0	1.829	0.048	0	0	0	3
PL.12695	PL.38869	C	4ACSR	7.49Y	124.8	0.00	1.19	0.93	0	7	1	99	0.00	0.0	1.853	0.023	0	0	0	2
624702	PL.12695	C	Consumer	7.49Y	124.8	0.00	1.19	0.31	0	2	0	100	0.00	0.0	1.853	0.000	2	0	1	1
PL.7735	PL.12695	C	4ACSR	7.49Y	124.8	0.00	1.19	0.63	0	5	1	98	0.00	0.0	1.900	0.047	0	0	0	1
623701	PL.7735	C	Consumer	7.49Y	124.8	0.00	1.19	0.63	0	5	1	98	0.00	0.0	1.900	0.000	5	1	1	1
624703	PL.38869	C	Consumer	7.49Y	124.8	0.00	1.18	0.32	0	2	0	100	0.00	0.0	1.829	0.000	2	0	1	1
PL.24327	PL.40757	C	4ACSR	7.49Y	124.8	0.01	1.19	3.32	2	25	4	99	0.00	0.0	1.826	0.054	0	0	0	5
624802	PL.24327	C	Consumer	7.49Y	124.8	0.00	1.19	1.70	0	13	2	99	0.00	0.0	1.826	0.000	13	2	1	1
624701	PL.24327	C	Consumer	7.49Y	124.8	0.00	1.19	0.58	0	4	1	97	0.00	0.0	1.826	0.000	4	1	1	1
624704	PL.24327	C	Consumer	7.49Y	124.8	0.00	1.19	0.37	0	3	0	100	0.00	0.0	1.826	0.000	3	0	1	1
624801	PL.24327	C	Consumer	7.49Y	124.8	0.00	1.19	0.67	0	5	1	98	0.00	0.0	1.826	0.000	5	1	1	1
624705	PL.24327	C	Consumer	7.49Y	124.8	0.00	1.19	0.00	0	0	0	100	0.00	0.0	1.826	0.000	0	0	1	1
PL.38866	PL.12644	C	4ACSR	7.49Y	124.8	0.00	1.17	0.31	0	2	0	100	0.00	0.0	1.699	0.001	0	0	0	3
PD.6748	PL.38866	C	fuse6AMP	7.49Y	124.8	0.00	1.17	0.31	5	2	0	100	0.00	0.0	1.699	0.000	0	0	0	3
PL.38867	PD.6748	C	4ACSR	7.49Y	124.8	0.00	1.17	0.31	0	2	0	100	0.00	0.0	1.699	0.000	0	0	0	3
PL.38865	PL.38867	C	4ACSR	7.49Y	124.8	0.00	1.17	0.08	0	1	0	100	0.00	0.0	1.737	0.038	0	0	0	2
626704	PL.38865	C	Consumer	7.49Y	124.8	0.00	1.17	0.08	0	1	0	100	0.00	0.0	1.737	0.000	1	0	1	1
626706	PL.38865	C	Consumer	7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	1.737	0.000	0	0	1	1
626707	PL.38865	C	Consumer	7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	1.737	0.000	0	0	0	0
PL.38863	PL.38867	C	4ACSR	7.49Y	124.8	0.00	1.17	0.23	0	2	0	100	0.00	0.0	1.742	0.043	0	0	0	1
626804	PL.38863	C	Consumer	7.49Y	124.8	0.00	1.17	0.23	0	2	0	100	0.00	0.0	1.742	0.000	2	0	1	1
625808	PL.12644	C	Consumer	7.49Y	124.8	0.00	1.17	0.41	0	3	0	100	0.00	0.0	1.697	0.000	3	0	1	1
625804	PL.12644	C	Consumer	7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	1.697	0.000	0	0	0	0
625805	PL.12644	C	Consumer	7.49Y	124.8	0.00	1.17	0.46	0	3	1	95	0.00	0.0	1.697	0.000	3	1	1	1
625803	PL.12644	C	Consumer	7.49Y	124.8	0.00	1.17	0.44	0	3	1	95	0.00	0.0	1.697	0.000	3	1	1	1
625809	PL.12644	C	Consumer	7.49Y	124.8	0.00	1.17	0.04	0	0	0	100	0.00	0.0	1.697	0.000	0	0	1	1
PL.38862	PL.12643	C	4ACSR	7.49Y	124.9	0.00	1.15	1.22	1	9	1	99	0.00	0.0	1.639	0.010	0	0	0	2
PD.6747	PL.38862	C	fuse6AMP	7.49Y	124.9	0.00	1.15	1.22	21	9	1	99	0.00	0.0	1.639	0.000	0	0	0	2
PL.38861	PD.6747	C	4ACSR	7.49Y	124.8	0.00	1.15	1.22	1	9	1	99	0.00	0.0	1.701	0.062	0	0	0	2
625807	PL.38861	C	Consumer	7.49Y	124.8	0.00	1.15	0.00	0	0	0	100	0.00	0.0	1.701	0.000	0	0	1	1
625806	PL.38861	C	Consumer	7.49Y	124.8	0.00	1.15	1.21	0	9	1	99	0.00	0.0	1.701	0.000	9	1	1	1
626808	PL.17459	C	Consumer	7.49Y	124.9	0.00	1.13	0.32	0	2	0	100	0.00	0.0	1.590	0.000	2	0	1	1
626807	PL.17459	C	Consumer	7.49Y	124.9	0.00	1.13	0.46	0	3	1	95	0.00	0.0	1.590	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

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Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 626904, PL.16206, PD.2916, etc.

Unbalanced Voltage Drop Report
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Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 628018, 627903, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
508103	PL.15099	A	Consumer	7.49Y	124.8	0.00	1.21	0.61	0	4	1	97	0.00	0.0	1.639	0.000	4	1	1	1
508102	PL.15099	A	Consumer	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	1.639	0.000	0	0	1	1
PL.3205	PL.15099	A	4ACSR	7.49Y	124.8	0.01	1.21	1.99	1	15	2	99	0.00	0.0	1.732	0.094	0	0	0	2
508104	PL.3205	A	Consumer	7.49Y	124.8	0.00	1.21	1.25	0	9	1	99	0.00	0.0	1.732	0.000	9	1	1	1
509101	PL.3205	A	Consumer	7.49Y	124.8	0.00	1.21	0.73	0	5	1	98	0.00	0.0	1.732	0.000	5	1	1	1
PL.7363	PL.12709	A	4/0ACSR	7.49Y	124.8	0.04	1.24	93.91	20	694	114	99	0.28	0.0	1.604	0.044	0	0	0	164
		B		7.52Y	125.4	0.00	0.62	43.61	9	325	44	99					0	0	0	84
		C		7.48Y	124.7	0.03	1.25	57.44	12	424	69	99					0	0	0	100
507102	PL.7363	B	Consumer	7.52Y	125.4	0.00	0.62	0.12	0	1	0	100	0.00	0.0	1.604	0.000	1	0	1	1
PL.19384	PL.7363	A	4/0ACSR	7.48Y	124.7	0.06	1.30	93.91	20	694	114	99	0.42	0.0	1.671	0.066	0	0	0	164
		B		7.52Y	125.4	0.00	0.62	43.49	9	324	43	99					0	0	0	83
		C		7.48Y	124.7	0.05	1.31	57.44	12	424	69	99					0	0	0	100
P CP.13	PL.19384	A	Cap (150)	7.48Y	124.7	0.00	1.30	-7.22	0	0	-54	0	0.00	0.0	1.671	0.000	0	0	0	0 P
P		B		7.52Y	125.4	0.00	0.62	-7.26	0	0	-55	0					0	0	0	0 P
P		C		7.48Y	124.7	0.00	1.31	-7.22	0	0	-54	0					0	0	0	0 P
PL.20197	PL.19384	A	4/0ACSR	7.48Y	124.7	0.00	1.31	95.34	20	693	167	97	0.03	0.0	1.674	0.004	0	0	0	164
		B		7.52Y	125.4	0.00	0.62	45.03	10	324	98	96					0	0	0	83
		C		7.48Y	124.7	0.00	1.31	59.02	13	424	123	96					0	0	0	100
PL.7367	PL.20197	A	4/0ACSR	7.48Y	124.6	0.07	1.37	95.34	20	693	167	97	0.41	0.0	1.737	0.062	0	0	0	164
		B		7.52Y	125.4	0.01	0.63	43.75	9	315	96	96					0	0	0	79
		C		7.48Y	124.6	0.05	1.36	59.02	13	424	123	96					0	0	0	100
PL.15806	PL.7367	A	4ACSR	7.48Y	124.6	0.01	1.38	26.51	14	194	40	98	0.01	0.0	1.742	0.006	0	0	0	63
PD.177-A	PL.15806	A	Closed	7.48Y	124.6	0.00	1.38	26.51	0	194	40	98	0.00	0.0	1.742	0.000	0	0	0	63
PD.177-B	PD.177-A	A	Closed	7.48Y	124.6	0.00	1.38	26.51	0	194	40	98	0.00	0.0	1.742	0.000	0	0	0	63
PL.15807	PD.177-B	A	4ACSR	7.48Y	124.6	0.01	1.38	26.51	14	194	40	98	0.01	0.0	1.748	0.006	0	0	0	63
PD.3712	PL.15807	A	35V4E	7.48Y	124.6	0.00	1.38	26.51	76	194	40	98	0.00	0.0	1.748	0.000	0	0	0	63
PL.15808	PD.3712	A	4ACSR	7.48Y	124.6	0.03	1.41	26.51	14	194	40	98	0.04	0.0	1.771	0.023	0	0	0	63
507210	PL.15808	A	Consumer	7.48Y	124.6	0.00	1.41	0.61	0	4	2	89	0.00	0.0	1.771	0.000	4	2	1	1
507206	PL.15808	A	Consumer	7.48Y	124.6	0.00	1.41	0.54	0	4	1	97	0.00	0.0	1.771	0.000	4	1	1	1
PL.38238	PL.15808	A	4ACSR	7.48Y	124.6	0.00	1.41	9.30	5	69	12	99	0.00	0.0	1.774	0.003	0	0	0	24
C PD.6666	PL.38238	A	fuse6AMP	7.48Y	124.6	0.00	1.41	9.30	159	69	12	99	0.00	0.0	1.774	0.000	0	0	0	24 C
PL.38246	PD.6666	A	4ACSR	7.48Y	124.6	0.00	1.41	9.30	5	69	12	99	0.00	0.0	1.779	0.005	0	0	0	24
PL.38247	PL.38246	A	4ACSR	7.47Y	124.6	0.02	1.43	4.94	3	36	6	99	0.00	0.0	1.861	0.082	0	0	0	13
PL.7361	PL.38247	A	4ACSR	7.47Y	124.6	0.00	1.43	3.30	2	24	4	99	0.00	0.0	1.881	0.020	0	0	0	9
508208	PL.7361	A	Consumer	7.47Y	124.6	0.00	1.43	0.21	0	2	0	100	0.00	0.0	1.881	0.000	2	0	1	1
508210	PL.7361	A	Consumer	7.47Y	124.6	0.00	1.43	0.64	0	5	1	98	0.00	0.0	1.881	0.000	5	1	1	1
508215	PL.7361	A	Consumer	7.47Y	124.6	0.00	1.43	0.93	0	7	1	99	0.00	0.0	1.881	0.000	7	1	1	1
508205	PL.7361	A	Consumer	7.47Y	124.6	0.00	1.43	0.29	0	2	0	100	0.00	0.0	1.881	0.000	2	0	1	1
PL.7362	PL.7361	A	4ACSR	7.47Y	124.6	0.00	1.44	1.25	1	9	1	99	0.00	0.0	1.951	0.070	0	0	0	5
508206	PL.7362	A	Consumer	7.47Y	124.6	0.00	1.44	0.12	0	1	0	100	0.00	0.0	1.951	0.000	1	0	1	1
508209	PL.7362	A	Consumer	7.47Y	124.6	0.00	1.44	0.34	0	3	0	100	0.00	0.0	1.951	0.000	3	0	1	1
508211	PL.7362	A	Consumer	7.47Y	124.6	0.00	1.44	0.16	0	1	0	100	0.00	0.0	1.951	0.000	1	0	1	1
509204	PL.7362	A	Consumer	7.47Y	124.6	0.00	1.44	0.42	0	3	0	100	0.00	0.0	1.951	0.000	3	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
509203	PL.7362	A	Consumer	7.47Y	124.6	0.00	1.44	0.21	0	2	0	100	0.00	0.0	1.951	0.000	2	0	1	1
507214	PL.38247	A	Consumer	7.47Y	124.6	0.00	1.43	0.31	0	2	0	100	0.00	0.0	1.861	0.000	2	0	1	1
507212	PL.38247	A	Consumer	7.47Y	124.6	0.00	1.43	0.43	0	3	1	95	0.00	0.0	1.861	0.000	3	1	1	1
507222	PL.38247	A	Consumer	7.47Y	124.6	0.00	1.43	0.35	0	3	0	100	0.00	0.0	1.861	0.000	3	0	1	1
507213	PL.38247	A	Consumer	7.47Y	124.6	0.00	1.43	0.55	0	4	1	97	0.00	0.0	1.861	0.000	4	1	1	1
PL.38245	PL.38246	A	4ACSR	7.47Y	124.6	0.01	1.42	4.36	2	32	6	98	0.00	0.0	1.812	0.034	0	0	0	11
PL.7365	PL.38245	A	4ACSR	7.47Y	124.6	0.00	1.42	3.73	2	28	4	99	0.00	0.0	1.839	0.026	0	0	0	7
508207	PL.7365	A	Consumer	7.47Y	124.6	0.00	1.42	0.65	0	5	1	98	0.00	0.0	1.839	0.000	5	1	1	1
508217	PL.7365	A	Consumer	7.47Y	124.6	0.00	1.42	0.19	0	1	0	100	0.00	0.0	1.839	0.000	1	0	1	1
508204	PL.7365	A	Consumer	7.47Y	124.6	0.00	1.42	0.22	0	2	0	100	0.00	0.0	1.839	0.000	2	0	1	1
508201	PL.7365	A	Consumer	7.47Y	124.6	0.00	1.42	1.14	0	8	1	99	0.00	0.0	1.839	0.000	8	1	1	1
PL.7366	PL.7365	A	4ACSR	7.47Y	124.6	0.00	1.43	1.53	1	11	2	98	0.00	0.0	1.878	0.039	0	0	0	3
509202	PL.7366	A	Consumer	7.47Y	124.6	0.00	1.43	0.52	0	4	1	97	0.00	0.0	1.878	0.000	4	1	1	1
509205	PL.7366	A	Consumer	7.47Y	124.6	0.00	1.43	0.79	0	6	1	99	0.00	0.0	1.878	0.000	6	1	1	1
509206	PL.7366	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.878	0.000	0	0	0	0
509201	PL.7366	A	Consumer	7.47Y	124.6	0.00	1.43	0.23	0	2	0	100	0.00	0.0	1.878	0.000	2	0	1	1
508203	PL.38245	A	Consumer	7.47Y	124.6	0.00	1.42	0.10	0	1	0	100	0.00	0.0	1.812	0.000	1	0	1	1
508202	PL.38245	A	Consumer	7.47Y	124.6	0.00	1.42	0.15	0	1	0	100	0.00	0.0	1.812	0.000	1	0	1	1
5082018	PL.38245	A	Consumer	7.47Y	124.6	0.00	1.42	0.02	0	0	0	100	0.00	0.0	1.812	0.000	0	0	1	1
508216	PL.38245	A	Consumer	7.47Y	124.6	0.00	1.42	0.37	0	3	1	95	0.00	0.0	1.812	0.000	3	1	1	1
PL.38240	PL.15808	A	4ACSR	7.47Y	124.6	0.01	1.42	15.86	8	116	25	98	0.01	0.0	1.780	0.009	0	0	0	36
PL.38243	PL.38240	A	4ACSR	7.47Y	124.6	0.00	1.42	15.86	8	116	25	98	0.00	0.0	1.783	0.003	0	0	0	36
PL.38244	PL.38243	A	4ACSR	7.47Y	124.5	0.04	1.46	15.86	8	116	25	98	0.04	0.0	1.841	0.058	0	0	0	36
508305	PL.38244	A	Consumer	7.47Y	124.5	0.00	1.46	0.28	0	2	0	100	0.00	0.0	1.841	0.000	2	0	1	1
508306	PL.38244	A	Consumer	7.47Y	124.5	0.00	1.46	0.28	0	2	0	100	0.00	0.0	1.841	0.000	2	0	1	1
PL.12711	PL.38244	A	4ACSR	7.47Y	124.5	0.01	1.47	15.31	8	112	24	98	0.01	0.0	1.858	0.016	0	0	0	34
PL.12712	PL.12711	A	4ACSR	7.47Y	124.5	0.01	1.48	12.57	6	93	15	99	0.01	0.0	1.878	0.020	0	0	0	33
PL.12713	PL.12712	A	4ACSR	7.47Y	124.5	0.01	1.50	12.35	6	91	15	99	0.01	0.0	1.903	0.025	0	0	0	32
509302	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.42	0	3	0	100	0.00	0.0	1.903	0.000	3	0	1	1
509313	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.35	0	3	0	100	0.00	0.0	1.903	0.000	3	0	1	1
509306	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.35	0	3	0	100	0.00	0.0	1.903	0.000	3	0	1	1
509310	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.33	0	2	0	100	0.00	0.0	1.903	0.000	2	0	1	1
509312	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.49	0	4	1	97	0.00	0.0	1.903	0.000	4	1	1	1
509301	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.70	0	5	1	98	0.00	0.0	1.903	0.000	5	1	1	1
509309	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.32	0	2	0	100	0.00	0.0	1.903	0.000	2	0	1	1
509303	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.34	0	3	0	100	0.00	0.0	1.903	0.000	3	0	1	1
509304	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.49	0	4	1	97	0.00	0.0	1.903	0.000	4	1	1	1
509305	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.43	0	3	1	95	0.00	0.0	1.903	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts					Thru KW	% PF	kW Loss	% Loss	mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR						Length (mi)	KW		
509307	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.50	0	4	1	97	0.00	0.0	1.903	0.000	4	1	1	1
509308	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.33	0	2	0	100	0.00	0.0	1.903	0.000	2	0	1	1
509314	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.37	0	3	0	100	0.00	0.0	1.903	0.000	3	0	1	1
509311	PL.12713	A	Consumer	7.47Y	124.5	0.00	1.50	0.29	0	2	0	100	0.00	0.0	1.903	0.000	2	0	1	1
PL.7368	PL.12713	A	4ACSR	7.47Y	124.5	0.01	1.50	6.65	3	49	8	99	0.00	0.0	1.931	0.028	0	0	0	18
509331	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.42	0	3	0	100	0.00	0.0	1.931	0.000	3	0	1	1
509322	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.31	0	2	0	100	0.00	0.0	1.931	0.000	2	0	1	1
509320	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.48	0	4	1	97	0.00	0.0	1.931	0.000	4	1	1	1
509318	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.63	0	5	1	98	0.00	0.0	1.931	0.000	5	1	1	1
509321	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	1.931	0.000	0	0	1	1
509330	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.35	0	3	0	100	0.00	0.0	1.931	0.000	3	0	1	1
509316	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.39	0	3	0	100	0.00	0.0	1.931	0.000	3	0	1	1
509315	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.48	0	4	1	97	0.00	0.0	1.931	0.000	4	1	1	1
509332	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.38	0	3	0	100	0.00	0.0	1.931	0.000	3	0	1	1
509325	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.34	0	2	0	100	0.00	0.0	1.931	0.000	2	0	1	1
509324	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.36	0	3	0	100	0.00	0.0	1.931	0.000	3	0	1	1
509323	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.23	0	2	0	100	0.00	0.0	1.931	0.000	2	0	1	1
509319	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.34	0	3	0	100	0.00	0.0	1.931	0.000	3	0	1	1
509317	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.48	0	4	1	97	0.00	0.0	1.931	0.000	4	1	1	1
509328	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.44	0	3	1	95	0.00	0.0	1.931	0.000	3	1	1	1
509327	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.39	0	3	0	100	0.00	0.0	1.931	0.000	3	0	1	1
509329	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.29	0	2	0	100	0.00	0.0	1.931	0.000	2	0	1	1
509326	PL.7368	A	Consumer	7.47Y	124.5	0.00	1.50	0.37	0	3	0	100	0.00	0.0	1.931	0.000	3	0	1	1
PL.38255	PL.12712	A	4ACSR	7.47Y	124.5	0.00	1.48	0.22	0	2	0	100	0.00	0.0	1.881	0.003	0	0	0	1
PD.6670	PL.38255	A	fuse6AMP	7.47Y	124.5	0.00	1.48	0.22	4	2	0	100	0.00	0.0	1.881	0.000	0	0	0	1
PL.38256	PD.6670	A	4ACSR	7.47Y	124.5	0.00	1.48	0.22	0	2	0	100	0.00	0.0	1.991	0.110	0	0	0	1
509207	PL.38256	A	Consumer	7.47Y	124.5	0.00	1.48	0.22	0	2	0	100	0.00	0.0	1.991	0.000	2	0	1	1
PL.38253	PL.12711	A	4ACSR	7.47Y	124.5	0.00	1.47	2.84	1	19	9	90	0.00	0.0	1.860	0.003	0	0	0	1
PD.6669	PL.38253	A	fuse6AMP	7.47Y	124.5	0.00	1.47	2.84	48	19	9	90	0.00	0.0	1.860	0.000	0	0	0	1
PL.38254	PD.6669	A	4ACSR	7.47Y	124.5	0.00	1.48	2.84	1	19	9	90	0.00	0.0	1.892	0.032	0	0	0	1
509333	PL.38254	A	Consumer	7.47Y	124.5	0.00	1.48	2.84	0	19	9	90	0.00	0.0	1.892	0.000	19	9	1	1
PL.38249	PL.15808	A	4ACSR	7.48Y	124.6	0.00	1.41	0.21	0	2	0	100	0.00	0.0	1.775	0.005	0	0	0	1
PD.6667	PL.38249	A	fuse6AMP	7.48Y	124.6	0.00	1.41	0.21	4	2	0	100	0.00	0.0	1.775	0.000	0	0	0	1
PL.38250	PD.6667	A	4ACSR	7.48Y	124.6	0.00	1.41	0.21	0	2	0	100	0.00	0.0	1.817	0.042	0	0	0	1
508302	PL.38250	A	Consumer	7.48Y	124.6	0.00	1.41	0.21	0	2	0	100	0.00	0.0	1.817	0.000	2	0	1	1
508304	PL.38250	A	Consumer	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	1.817	0.000	0	0	0	0
508303	PL.38250	A	Consumer	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	1.817	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.7364	PL.7367	A	4/0ACSR	7.48Y	124.6	0.01	1.38	43.08	9	318	54	99	0.04	0.0	1.763	0.026	0	0	0	73		
		B		7.52Y	125.4	0.00	0.63	25.27	5	187	34	98					0	0	0	62		
		C		7.48Y	124.6	0.01	1.37	28.19	6	207	40	98					0	0	0	60		
507323	PL.7364	B	Consumer	7.52Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	1.763	0.000	0	0	0	0		
PL.19254	PL.7364	A	4/0ACSR	7.48Y	124.6	0.01	1.39	43.08	9	318	54	99	0.02	0.0	1.778	0.016	0	0	0	73		
		B		7.52Y	125.4	0.00	0.63	25.27	5	187	34	98					0	0	0	62		
		C		7.48Y	124.6	0.01	1.38	28.19	6	207	40	98					0	0	0	60		
PL.19253	PL.19254	A	4/0ACSR	7.48Y	124.6	0.01	1.40	43.08	9	318	54	99	0.03	0.0	1.799	0.020	0	0	0	73		
		B		7.52Y	125.4	0.00	0.63	25.27	5	187	34	98					0	0	0	62		
		C		7.48Y	124.6	0.01	1.38	23.66	5	173	34	98					0	0	0	53		
507321	PL.19253	B	Consumer	7.52Y	125.4	0.00	0.63	0.08	0	1	0	100	0.00	0.0	1.799	0.000	1	0	1	1		
507303	PL.19253	B	Consumer	7.52Y	125.4	0.00	0.63	0.37	0	3	0	100	0.00	0.0	1.799	0.000	3	0	1	1		
507314	PL.19253	B	Consumer	7.52Y	125.4	0.00	0.63	0.34	0	3	0	100	0.00	0.0	1.799	0.000	3	0	1	1		
507319	PL.19253	B	Consumer	7.52Y	125.4	0.00	0.63	0.29	0	2	0	100	0.00	0.0	1.799	0.000	2	0	1	1		
507324	PL.19253	B	Consumer	7.52Y	125.4	0.00	0.63	0.41	0	3	0	100	0.00	0.0	1.799	0.000	3	0	1	1		
PL.18373	PL.19253	A	4/0ACSR	7.48Y	124.6	0.01	1.41	43.08	9	318	54	99	0.01	0.0	1.809	0.011	0	0	0	73		
		B		7.52Y	125.4	0.00	0.63	23.78	5	176	32	98					0	0	0	57		
		C		7.48Y	124.6	0.00	1.39	23.66	5	173	34	98					0	0	0	53		
PD.3713	PL.18373	A	VWVE	7.48Y	124.6	0.00	1.41	43.08	0	318	54	99	0.00	0.0	1.809	0.000	0	0	0	73		
		B		7.52Y	125.4	0.00	0.63	23.78	0	176	32	98					0	0	0	57		
		C		7.48Y	124.6	0.00	1.39	23.66	0	173	34	98					0	0	0	53		
PL.18372	PD.3713	A	4/0ACSR	7.48Y	124.6	0.01	1.41	43.08	9	318	54	99	0.02	0.0	1.828	0.018	0	0	0	73		
		B		7.52Y	125.4	0.00	0.63	23.78	5	176	32	98					0	0	0	57		
		C		7.48Y	124.6	0.01	1.39	23.66	5	173	34	98					0	0	0	53		
PL.24822	PL.18372	A	4/0ACSR	7.47Y	124.6	0.01	1.43	27.48	6	203	34	99	0.04	0.0	1.876	0.048	0	0	0	49		
		B		7.52Y	125.4	0.01	0.64	23.78	5	176	32	98					0	0	0	57		
		C		7.48Y	124.6	0.01	1.40	23.66	5	173	34	98					0	0	0	53		
PL.45711	PL.24822	A	4/0ACSR	7.47Y	124.6	0.00	1.43	27.48	6	203	34	99	0.00	0.0	1.879	0.003	0	0	0	49		
		B		7.52Y	125.4	0.00	0.64	23.78	5	176	32	98					0	0	0	57		
		C		7.48Y	124.6	0.00	1.41	23.53	5	173	34	98					0	0	0	52		
PL.45710	PL.45711	A	4/0ACSR	7.47Y	124.6	0.00	1.43	27.48	6	203	34	99	0.00	0.0	1.881	0.002	0	0	0	49		
		B		7.52Y	125.4	0.00	0.64	23.78	5	176	32	98					0	0	0	57		
		C		7.48Y	124.6	0.00	1.41	23.53	5	173	34	98					0	0	0	52		
PL.25004	PL.45710	A	4/0ACSR	7.47Y	124.6	0.00	1.43	27.48	6	203	34	99	0.01	0.0	1.890	0.009	0	0	0	49		
		B		7.52Y	125.4	0.00	0.65	23.78	5	176	32	98					0	0	0	57		
		C		7.48Y	124.6	0.00	1.41	23.53	5	173	34	98					0	0	0	52		
PL.15813	PL.25004	A	4ACSR	7.47Y	124.6	0.00	1.43	4.61	2	34	7	98	0.00	0.0	1.896	0.005	0	0	0	10		
		C		7.48Y	124.6	0.00	1.41	14.27	7	104	23	98					0	0	0	36		
PD.2810 C	PL.15813	A	fuse8AMP	7.47Y	124.6	0.00	1.43	4.61	63	34	7	98	0.00	0.0	1.896	0.000	0	0	0	10		
		C		7.48Y	124.6	0.00	1.41	14.27	195	104	23	98					0	0	0	36		
PL.15814	PD.2810	A	4ACSR	7.47Y	124.6	0.00	1.43	4.61	2	34	7	98	0.01	0.0	1.910	0.015	0	0	0	10		
		C		7.47Y	124.6	0.01	1.42	14.27	7	104	23	98					0	0	0	36		
PL.15815	PL.15814	A	4ACSR	7.47Y	124.6	0.00	1.43	4.61	2	34	7	98	0.00	0.0	1.916	0.005	0	0	0	10		
		C		7.47Y	124.6	0.00	1.43	14.27	7	104	23	98					0	0	0	36		
PD.3710	PL.15815	A	35V4E	7.47Y	124.6	0.00	1.43	4.61	13	34	7	98	0.00	0.0	1.916	0.000	0	0	0	10		
		C		7.47Y	124.6	0.00	1.43	14.27	41	104	23	98					0	0	0	36		
PL.15816	PD.3710	A	4ACSR	7.47Y	124.6	0.00	1.43	4.61	2	34	7	98	0.02	0.0	1.955	0.039	0	0	0	10		
		C		7.47Y	124.5	0.03	1.45	14.27	7	104	23	98					0	0	0	36		
PL.12906	PL.15816	A	4ACSR	7.47Y	124.6	0.01	1.44	3.45	2	25	6	97	0.00	0.0	2.000	0.045	0	0	0	9		
		C		7.47Y	124.5	0.01	1.46	2.64	1	19	5	97					0	0	0	6		
505210	PL.12906	C	Consumer	7.47Y	124.5	0.00	1.46	0.55	0	4	1	97	0.00	0.0	2.000	0.000	4	1	1	1		
505203	PL.12906	C	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	2.000	0.000	0	0	0	0		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
505202	PL.12906	C	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	2.000	0.000	0	0	0	0
PL.12907	PL.12906	A	4ACSR	7.47Y	124.6	0.01	1.45	3.45	2	25	6	97	0.00	0.0	2.045	0.045	0	0	0	9
		C		7.47Y	124.5	0.00	1.46	1.43	1	10	3	95					0	0	0	3
505212	PL.12907	C	Consumer	7.47Y	124.5	0.00	1.46	0.32	0	2	0	100	0.00	0.0	2.045	0.000	2	0	1	1
505218	PL.12907	C	Consumer	7.47Y	124.5	0.00	1.46	0.38	0	3	0	100	0.00	0.0	2.045	0.000	3	0	1	1
505214	PL.12907	A	Consumer	7.47Y	124.6	0.00	1.45	0.74	0	5	2	93	0.00	0.0	2.045	0.000	5	2	1	1
		C		7.47Y	124.5	0.00	1.46	0.74	0	5	2	90					5	2	1	1
PL.38236	PL.12907	A	4ACSR	7.47Y	124.6	0.00	1.45	2.73	1	20	3	99	0.00	0.0	2.060	0.015	0	0	0	8
PD.6665	PL.38236	A	fuse6AMP	7.47Y	124.6	0.00	1.45	2.73	47	20	3	99	0.00	0.0	2.060	0.000	0	0	0	8
PL.38237	PD.6665	A	4ACSR	7.47Y	124.5	0.00	1.45	2.73	1	20	3	99	0.00	0.0	2.075	0.015	0	0	0	8
PL.12909	PL.38237	A	4ACSR	7.47Y	124.5	0.00	1.45	2.21	1	16	3	98	0.00	0.0	2.113	0.038	0	0	0	6
505219	PL.12909	A	Consumer	7.47Y	124.5	0.00	1.45	0.07	0	1	0	100	0.00	0.0	2.113	0.000	1	0	1	1
505102	PL.12909	A	Consumer	7.47Y	124.5	0.00	1.45	0.18	0	1	0	100	0.00	0.0	2.113	0.000	1	0	1	1
505217	PL.12909	A	Consumer	7.47Y	124.5	0.00	1.45	0.70	0	5	1	98	0.00	0.0	2.113	0.000	5	1	1	1
506209	PL.12909	A	Consumer	7.47Y	124.5	0.00	1.45	0.35	0	3	0	100	0.00	0.0	2.113	0.000	3	0	1	1
PL.12910	PL.12909	A	4ACSR	7.47Y	124.5	0.00	1.46	0.91	0	7	1	99	0.00	0.0	2.150	0.037	0	0	0	2
506210	PL.12910	A	Consumer	7.47Y	124.5	0.00	1.46	0.48	0	4	1	97	0.00	0.0	2.150	0.000	4	1	1	1
506211	PL.12910	A	Consumer	7.47Y	124.5	0.00	1.46	0.44	0	3	1	95	0.00	0.0	2.150	0.000	3	1	1	1
505215	PL.38237	A	Consumer	7.47Y	124.5	0.00	1.45	0.37	0	3	0	100	0.00	0.0	2.075	0.000	3	0	1	1
505216	PL.38237	A	Consumer	7.47Y	124.5	0.00	1.45	0.15	0	1	0	100	0.00	0.0	2.075	0.000	1	0	1	1
PL.19657	PL.12906	C	4ACSR	7.47Y	124.5	0.00	1.46	0.67	0	5	1	98	0.00	0.0	2.028	0.028	0	0	0	2
PL.19658	PL.19657	C	4ACSR	7.47Y	124.5	0.00	1.46	0.08	0	1	0	100	0.00	0.0	2.056	0.027	0	0	0	1
506201	PL.19658	C	Consumer	7.47Y	124.5	0.00	1.46	0.08	0	1	0	100	0.00	0.0	2.056	0.000	1	0	1	1
505209	PL.19657	C	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	2.028	0.000	0	0	0	0
505208	PL.19657	C	Consumer	7.47Y	124.5	0.00	1.46	0.59	0	4	1	97	0.00	0.0	2.028	0.000	4	1	1	1
505312	PL.15816	C	Consumer	7.47Y	124.5	0.00	1.45	0.29	0	2	0	100	0.00	0.0	1.955	0.000	2	0	1	1
505205	PL.15816	C	Consumer	7.47Y	124.5	0.00	1.45	0.54	0	4	1	97	0.00	0.0	1.955	0.000	4	1	1	1
505346	PL.15816	A	Consumer	7.47Y	124.6	0.00	1.43	1.16	0	9	1	99	0.00	0.0	1.955	0.000	9	1	1	1
505341	PL.15816	C	Consumer	7.47Y	124.5	0.00	1.45	0.38	0	3	0	100	0.00	0.0	1.955	0.000	3	0	1	1
506239	PL.15816	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.955	0.000	0	0	0	0
505318	PL.15816	C	Consumer	7.47Y	124.5	0.00	1.45	0.58	0	4	1	97	0.00	0.0	1.955	0.000	4	1	1	1
PL.29495	PL.15816	C	4ACSR	7.47Y	124.5	0.00	1.45	9.84	5	72	16	98	0.00	0.0	1.961	0.006	0	0	0	26
C PD.2812	PL.29495	C	fuse6AMP	7.47Y	124.5	0.00	1.45	9.84	168	72	16	98	0.00	0.0	1.961	0.000	0	0	0	26
PL.29496	PD.2812	C	4ACSR	7.47Y	124.5	0.00	1.46	9.84	5	72	16	98	0.00	0.0	1.967	0.006	0	0	0	26
PL.29468	PL.29496	C	4ACSR	7.47Y	124.5	0.01	1.46	9.84	5	72	16	98	0.00	0.0	1.983	0.016	0	0	0	26
PL.29469	PL.29468	C	4ACSR	7.47Y	124.5	0.01	1.47	3.34	2	24	5	98	0.00	0.0	2.027	0.043	0	0	0	9
PL.29333	PL.29469	C	4ACSR	7.47Y	124.5	0.00	1.47	3.34	2	24	5	98	0.00	0.0	2.047	0.021	0	0	0	9
506229	PL.29333	C	Consumer	7.47Y	124.5	0.00	1.47	0.28	0	2	0	100	0.00	0.0	2.047	0.000	2	0	1	1
506227	PL.29333	C	Consumer	7.47Y	124.5	0.00	1.47	0.40	0	3	0	100	0.00	0.0	2.047	0.000	3	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
506228	PL.29333	C	Consumer	7.47Y	124.5	0.00	1.47	0.49	0	4	1	97	0.00	0.0	2.047	0.000	4	1	1	1
506230	PL.29333	C	Consumer	7.47Y	124.5	0.00	1.47	0.26	0	2	0	100	0.00	0.0	2.047	0.000	2	0	1	1
506234	PL.29333	C	Consumer	7.47Y	124.5	0.00	1.47	0.64	0	4	2	89	0.00	0.0	2.047	0.000	4	2	1	1
506232	PL.29333	C	Consumer	7.47Y	124.5	0.00	1.47	0.30	0	2	0	100	0.00	0.0	2.047	0.000	2	0	1	1
506235	PL.29333	C	Consumer	7.47Y	124.5	0.00	1.47	0.64	0	5	1	98	0.00	0.0	2.047	0.000	5	1	1	1
506233	PL.29333	C	Consumer	7.47Y	124.5	0.00	1.47	0.28	0	2	0	100	0.00	0.0	2.047	0.000	2	0	1	1
506231	PL.29333	C	Consumer	7.47Y	124.5	0.00	1.47	0.08	0	1	0	100	0.00	0.0	2.047	0.000	1	0	1	1
506216	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.14	0	1	0	100	0.00	0.0	1.983	0.000	1	0	1	1
505336	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.20	0	1	0	100	0.00	0.0	1.983	0.000	1	0	1	1
506225	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.42	0	3	0	100	0.00	0.0	1.983	0.000	3	0	1	1
506214	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.43	0	3	1	95	0.00	0.0	1.983	0.000	3	1	1	1
506217	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.23	0	2	0	100	0.00	0.0	1.983	0.000	2	0	1	1
505334	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.40	0	3	0	100	0.00	0.0	1.983	0.000	3	0	1	1
506215	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.27	0	2	0	100	0.00	0.0	1.983	0.000	2	0	1	1
505335	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.38	0	3	0	100	0.00	0.0	1.983	0.000	3	0	1	1
505337	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.34	0	3	0	100	0.00	0.0	1.983	0.000	3	0	1	1
506226	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.44	0	3	1	95	0.00	0.0	1.983	0.000	3	1	1	1
506220	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	1.28	0	9	4	91	0.00	0.0	1.983	0.000	9	4	1	1
506222	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.30	0	2	0	100	0.00	0.0	1.983	0.000	2	0	1	1
506219	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.31	0	2	0	100	0.00	0.0	1.983	0.000	2	0	1	1
506223	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.40	0	3	0	100	0.00	0.0	1.983	0.000	3	0	1	1
506224	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.29	0	2	0	100	0.00	0.0	1.983	0.000	2	0	1	1
506218	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.48	0	4	1	97	0.00	0.0	1.983	0.000	4	1	1	1
506221	PL.29468	C	Consumer	7.47Y	124.5	0.00	1.46	0.24	0	2	0	100	0.00	0.0	1.983	0.000	2	0	1	1
PL.12912	PL.25004	A	4/0ACSR	7.47Y	124.6	0.01	1.44	22.87	5	169	27	99	0.02	0.0	1.924	0.034	0	0	0	40
		B		7.52Y	125.3	0.00	0.65	23.78	5	176	32	98					0	0	0	57
		C		7.48Y	124.6	-0.00	1.41	1.19	0	9	2	98					0	0	0	5
PL.12911	PL.12912	A	4/0ACSR	7.47Y	124.5	0.01	1.46	22.68	5	167	27	99	0.02	0.0	1.962	0.038	0	0	0	39
		B		7.52Y	125.3	0.01	0.66	23.78	5	176	32	98					0	0	0	57
		C		7.48Y	124.6	-0.00	1.40	0.79	0	6	1	99					0	0	0	3
PL.15817	PL.12911	A	4ACSR	7.47Y	124.5	0.00	1.46	11.41	6	84	14	99	0.00	0.0	1.967	0.005	0	0	0	19
C.PD.2811	PL.15817	A	fuse8AMP	7.47Y	124.5	0.00	1.46	11.41	156	84	14	99	0.00	0.0	1.967	0.000	0	0	0	19
PL.21412	PD.2811	A	4ACSR	7.47Y	124.5	0.01	1.47	11.41	6	84	14	99	0.01	0.0	1.992	0.025	0	0	0	19
PL.20517	PL.21412	A	4ACSR	7.47Y	124.5	0.03	1.50	10.11	5	75	12	99	0.01	0.0	2.049	0.057	0	0	0	16
505339	PL.20517	A	Consumer	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	2.049	0.000	0	0	0	0
505321	PL.20517	A	Consumer	7.47Y	124.5	0.00	1.50	0.35	0	3	0	100	0.00	0.0	2.049	0.000	3	0	1	1
505348	PL.20517	A	Consumer	7.47Y	124.5	0.00	1.50	0.46	0	3	1	95	0.00	0.0	2.049	0.000	3	1	1	1
505326	PL.20517	A	Consumer	7.47Y	124.5	0.00	1.50	0.96	0	7	1	99	0.00	0.0	2.049	0.000	7	1	1	1
504301	PL.20517	A	Consumer	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	2.049	0.000	0	0	0	0
505347	PL.20517	A	Consumer	7.47Y	124.5	0.00	1.50	0.98	0	7	1	99	0.00	0.0	2.049	0.000	7	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.20282	PL.20517	A	4ACSR	7.47Y	124.5	0.01	1.51	7.36	4	54	9	99	0.00	0.0	2.076	0.026	0	0	0	12
PL.20283	PL.20282	A	4ACSR	7.47Y	124.5	0.01	1.51	5.17	3	38	6	99	0.00	0.0	2.101	0.026	0	0	0	9
PL.17455	PL.20283	A	4ACSR	7.47Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	2.101	0.000	0	0	0	0
504204	PL.20283	A	Consumer	7.47Y	124.5	0.00	1.51	0.95	0	7	1	99	0.00	0.0	2.101	0.000	7	1	1	1
504207	PL.20283	A	Consumer	7.47Y	124.5	0.00	1.51	0.48	0	4	1	97	0.00	0.0	2.101	0.000	4	1	1	1
504336	PL.20283	A	Consumer	7.47Y	124.5	0.00	1.51	0.18	0	1	0	100	0.00	0.0	2.101	0.000	1	0	1	1
PL.17456	PL.20283	A	4ACSR	7.47Y	124.5	0.00	1.51	1.68	1	12	2	99	0.00	0.0	2.129	0.028	0	0	0	2
504210	PL.17456	A	Consumer	7.47Y	124.5	0.00	1.51	0.91	0	7	1	99	0.00	0.0	2.129	0.000	7	1	1	1
5042011	PL.17456	A	Consumer	7.47Y	124.5	0.00	1.51	0.77	0	6	1	99	0.00	0.0	2.129	0.000	6	1	1	1
PL.17454	PL.20283	A	4ACSR	7.47Y	124.5	0.00	1.52	1.88	1	14	2	99	0.00	0.0	2.134	0.033	0	0	0	4
504205	PL.17454	A	Consumer	7.47Y	124.5	0.00	1.52	0.50	0	4	1	97	0.00	0.0	2.134	0.000	4	1	1	1
504209	PL.17454	A	Consumer	7.47Y	124.5	0.00	1.52	0.90	0	7	1	99	0.00	0.0	2.134	0.000	7	1	1	1
504203	PL.17454	A	Consumer	7.47Y	124.5	0.00	1.52	0.33	0	2	0	100	0.00	0.0	2.134	0.000	2	0	1	1
504201	PL.17454	A	Consumer	7.47Y	124.5	0.00	1.52	0.14	0	1	0	100	0.00	0.0	2.134	0.000	1	0	1	1
505201	PL.20282	A	Consumer	7.47Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	2.076	0.000	0	0	0	0
504332	PL.20282	A	Consumer	7.47Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	2.076	0.000	0	0	0	0
505211	PL.20282	A	Consumer	7.47Y	124.5	0.00	1.51	0.43	0	3	1	95	0.00	0.0	2.076	0.000	3	1	1	1
505213	PL.20282	A	Consumer	7.47Y	124.5	0.00	1.51	1.10	0	8	1	99	0.00	0.0	2.076	0.000	8	1	1	1
504326	PL.20282	A	Consumer	7.47Y	124.5	0.00	1.51	0.65	0	5	1	98	0.00	0.0	2.076	0.000	5	1	1	1
505323	PL.21412	A	Consumer	7.47Y	124.5	0.00	1.47	0.28	0	2	0	100	0.00	0.0	1.992	0.000	2	0	1	1
505349	PL.21412	A	Consumer	7.47Y	124.5	0.00	1.47	0.22	0	2	0	100	0.00	0.0	1.992	0.000	2	0	1	1
505306	PL.21412	A	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	1.992	0.000	0	0	0	0
505305	PL.21412	A	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	1.992	0.000	0	0	0	0
505333	PL.21412	A	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	1.992	0.000	0	0	0	0
505340	PL.21412	A	Consumer	7.47Y	124.5	0.00	1.47	0.80	0	6	1	99	0.00	0.0	1.992	0.000	6	1	1	1
505315	PL.12911	B	Consumer	7.52Y	125.3	0.00	0.66	0.21	0	2	0	100	0.00	0.0	1.962	0.000	2	0	1	1
505314	PL.12911	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.962	0.000	0	0	0	0
PL.15818	PL.12911	A	4ACSR	7.47Y	124.5	0.00	1.46	1.61	1	12	2	99	0.00	0.0	1.967	0.005	0	0	0	3
		B		7.52Y	125.3	0.00	0.66	5.17	3	38	6	99					0	0	0	9
PD.2808	PL.15818	A	fuse8AMP	7.47Y	124.5	0.00	1.46	1.61	22	12	2	99	0.00	0.0	1.967	0.000	0	0	0	3
		B		7.52Y	125.3	0.00	0.66	5.17	71	38	6	99					0	0	0	9
PL.15819	PD.2808	A	4ACSR	7.47Y	124.5	0.00	1.46	1.61	1	12	2	99	0.00	0.0	2.002	0.034	0	0	0	3
		B		7.52Y	125.3	0.01	0.66	5.17	3	38	6	99					0	0	0	9
505407	PL.15819	B	Consumer	7.52Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	2.002	0.000	0	0	0	0
505420	PL.15819	A	Consumer	7.47Y	124.5	0.00	1.46	0.28	0	2	0	100	0.00	0.0	2.002	0.000	2	0	1	1
		B		7.52Y	125.3	0.00	0.66	0.27	0	2	0	99					2	0	1	1
PL.25008	PL.15819	A	4ACSR	7.47Y	124.5	0.00	1.46	1.34	1	10	2	98	0.00	0.0	2.029	0.027	0	0	0	3
		B		7.52Y	125.3	0.01	0.67	4.90	3	36	6	99					0	0	0	9
PL.25009	PL.25008	A	4ACSR	7.47Y	124.5	0.00	1.47	1.07	1	8	1	99	0.00	0.0	2.065	0.036	0	0	0	2
		B		7.52Y	125.3	0.00	0.67	1.49	1	11	2	99					0	0	0	3
506418	PL.25009	A	Consumer	7.47Y	124.5	0.00	1.47	0.25	0	2	0	100	0.00	0.0	2.065	0.000	2	0	1	1
		B		7.52Y	125.3	0.00	0.67	0.25	0	2	0	99					2	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	Length (mi)	KW		KVAR			
506432	PL.25009	B	Consumer	7.52Y	125.3	0.00	0.67	0.43	0	3	1	95	0.00	0.0	2.065	0.000	3	1	1	1	
506430	PL.25009	A	Consumer	7.47Y	124.5	0.00	1.47	0.48	0	4	1	97	0.00	0.0	2.065	0.000	4	1	1	1	
		B		7.52Y	125.3	0.00	0.67	0.48	0	4	1	99					4	1	1	1	
506429	PL.25009	A	Consumer	7.47Y	124.5	0.00	1.47	0.35	0	3	0	100	0.00	0.0	2.065	0.000	3	0	1	1	
		B		7.52Y	125.3	0.00	0.67	0.34	0	3	0	99					3	0	1	1	
506413	PL.25008	A	Consumer	7.47Y	124.5	0.00	1.46	0.08	0	1	0	100	0.00	0.0	2.029	0.000	1	0	1	1	
		B		7.52Y	125.3	0.00	0.67	0.08	0	1	0	99					1	0	1	1	
506428	PL.25008	B	Consumer	7.52Y	125.3	0.00	0.67	0.85	0	6	1	99	0.00	0.0	2.029	0.000	6	1	1	1	
506431	PL.25008	A	Consumer	7.47Y	124.5	0.00	1.46	0.18	0	1	0	100	0.00	0.0	2.029	0.000	1	0	1	1	
		B		7.52Y	125.3	0.00	0.67	0.18	0	1	0	99					1	0	1	1	
506417	PL.25008	B	Consumer	7.52Y	125.3	0.00	0.67	0.56	0	4	1	97	0.00	0.0	2.029	0.000	4	1	1	1	
505414	PL.25008	B	Consumer	7.52Y	125.3	0.00	0.67	0.33	0	2	0	100	0.00	0.0	2.029	0.000	2	0	1	1	
506426	PL.25008	B	Consumer	7.52Y	125.3	0.00	0.67	1.11	0	8	1	99	0.00	0.0	2.029	0.000	8	1	1	1	
506420	PL.25008	B	Consumer	7.52Y	125.3	0.00	0.67	0.30	0	2	0	100	0.00	0.0	2.029	0.000	2	0	1	1	
PL.19031	PL.12911	A	4/0ACSR	7.47Y	124.5	0.00	1.46	9.66	2	71	12	99	0.00	0.0	1.983	0.021	0	0	0	17	
		B		7.52Y	125.3	0.00	0.66	18.40	4	136	25	98					0	0	0	47	
		C		7.48Y	124.6	-0.00	1.40	0.79	0	6	1	99					0	0	0	3	
505342	PL.19031	C	Consumer	7.48Y	124.6	0.00	1.40	0.10	0	1	0	100	0.00	0.0	1.983	0.000	1	0	1	1	
505332	PL.19031	C	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	1.983	0.000	0	0	0	0	
505331	PL.19031	A	Consumer	7.47Y	124.5	0.00	1.46	0.73	0	5	1	98	0.00	0.0	1.983	0.000	5	1	1	1	
505325	PL.19031	C	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	1.983	0.000	0	0	0	0	
505327	PL.19031	C	Consumer	7.48Y	124.6	0.00	1.40	0.49	0	4	1	97	0.00	0.0	1.983	0.000	4	1	1	1	
505416	PL.19031	C	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	1.983	0.000	0	0	0	0	
PL.19506	PL.19031	A	4/0ACSR	7.47Y	124.5	0.01	1.47	8.92	2	66	11	99	0.01	0.0	2.021	0.039	0	0	0	16	
		B		7.52Y	125.3	0.01	0.67	18.40	4	136	25	98					0	0	0	47	
		C		7.48Y	124.6	-0.00	1.40	0.21	0	2	0	99					0	0	0	1	
PL.15823	PL.19506	A	4ACSR	7.47Y	124.5	0.00	1.47	1.24	1	9	2	98	0.00	0.0	2.027	0.005	0	0	0	3	
		B		7.52Y	125.3	0.00	0.67	4.73	2	35	6	99					0	0	0	9	
PD.2807	PL.15823	A	fuse8AMP	7.47Y	124.5	0.00	1.47	1.24	17	9	2	98	0.00	0.0	2.027	0.000	0	0	0	3	
		B		7.52Y	125.3	0.00	0.67	4.73	65	35	6	99					0	0	0	9	
PL.15824	PD.2807	A	4ACSR	7.47Y	124.5	0.00	1.47	1.24	1	9	2	98	0.00	0.0	2.054	0.027	0	0	0	3	
		B		7.52Y	125.3	0.01	0.67	4.73	2	35	6	99					0	0	0	9	
PL.15825	PL.15824	A	4ACSR	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.106	0.052	0	0	0	0	
		B		7.52Y	125.3	0.00	0.67	0.13	0	1	0	90					0	0	0	1	
PL.25007	PL.15825	A	4ACSR	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.143	0.037	0	0	0	0	
		B		7.52Y	125.3	0.00	0.67	0.13	0	1	0	90					0	0	0	1	
505501	PL.25007	B	Consumer	7.52Y	125.3	0.00	0.67	0.13	0	1	0	100	0.00	0.0	2.143	0.000	1	0	1	1	
505421	PL.15825	A	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.106	0.000	0	0	0	0	
505417	PL.15824	A	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.054	0.000	0	0	0	0	
505411	PL.15824	B	Consumer	7.52Y	125.3	0.00	0.67	0.59	0	4	1	97	0.00	0.0	2.054	0.000	4	1	1	1	
505415	PL.15824	A	Consumer	7.47Y	124.5	0.00	1.47	0.05	0	0	0	100	0.00	0.0	2.054	0.000	0	0	1	1	
		B		7.52Y	125.3	0.00	0.67	0.05	0	0	0	90					0	0	1	1	
505422	PL.15824	A	Consumer	7.47Y	124.5	0.00	1.47	0.44	0	3	1	95	0.00	0.0	2.054	0.000	3	1	1	1	
		B		7.52Y	125.3	0.00	0.67	0.44	0	3	1	99					3	1	1	1	
505409	PL.15824	B	Consumer	7.52Y	125.3	0.00	0.67	0.37	0	3	0	100	0.00	0.0	2.054	0.000	3	0	1	1	
505405	PL.15824	B	Consumer	7.52Y	125.3	0.00	0.67	0.30	0	2	0	100	0.00	0.0	2.054	0.000	2	0	1	1	

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
505410	PL.15824	B	Consumer	7.52Y	125.3	0.00	0.67	0.02	0	0	0	100	0.00	0.0	2.054	0.000	0	0	1	1		
5054030	PL.15824	A	Consumer	7.47Y	124.5	0.00	1.47	0.31	0	2	0	100	0.00	0.0	2.054	0.000	0	0	0	1		
		B		7.52Y	125.3	0.00	0.67	0.00	0	0	0	100					0	0	0	0		
505419	5054030	A	Consumer	7.47Y	124.5	0.00	1.47	0.31	0	2	0	100	0.00	0.0	2.054	0.000	2	0	1	1		
505418	PL.15824	B	Consumer	7.52Y	125.3	0.00	0.67	0.89	0	7	1	99	0.00	0.0	2.054	0.000	7	1	1	1		
505406	PL.15824	A	Consumer	7.47Y	124.5	0.00	1.47	0.24	0	2	0	100	0.00	0.0	2.054	0.000	2	0	1	1		
		B		7.52Y	125.3	0.00	0.67	0.24	0	2	0	99					2	0	1	1		
505401	PL.15824	B	Consumer	7.52Y	125.3	0.00	0.67	1.51	0	11	2	98	0.00	0.0	2.054	0.000	11	2	1	1		
505403	PL.15824	A	Consumer	7.47Y	124.5	0.00	1.47	0.19	0	1	0	100	0.00	0.0	2.054	0.000	1	0	1	1		
		B		7.52Y	125.3	0.00	0.67	0.19	0	1	0	99					1	0	1	1		
PL.15820	PL.19506	A	4ACSR	7.47Y	124.5	0.00	1.47	7.69	4	57	9	99	0.00	0.0	2.027	0.006	0	0	0	13		
C PD.2806	PL.15820	A	fuse8AMP	7.47Y	124.5	0.00	1.47	7.69	105	57	9	99	0.00	0.0	2.027	0.000	0	0	0	13 C		
PL.15821	PD.2806	A	4ACSR	7.47Y	124.5	0.01	1.48	7.69	4	57	9	99	0.01	0.0	2.064	0.037	0	0	0	13		
504323	PL.15821	A	Consumer	7.47Y	124.5	0.00	1.48	0.40	0	3	0	100	0.00	0.0	2.064	0.000	3	0	1	1		
504314	PL.15821	A	Consumer	7.47Y	124.5	0.00	1.48	1.45	0	11	2	98	0.00	0.0	2.064	0.000	11	2	1	1		
PL.15822	PL.15821	A	4ACSR	7.47Y	124.5	0.01	1.49	5.83	3	43	7	99	0.00	0.0	2.102	0.038	0	0	0	11		
504305	PL.15822	A	Consumer	7.47Y	124.5	0.00	1.49	0.31	0	2	0	100	0.00	0.0	2.102	0.000	2	0	1	1		
504324	PL.15822	A	Consumer	7.47Y	124.5	0.00	1.49	0.16	0	1	0	100	0.00	0.0	2.102	0.000	1	0	1	1		
504330	PL.15822	A	Consumer	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	2.102	0.000	0	0	0	0		
504315	PL.15822	A	Consumer	7.47Y	124.5	0.00	1.49	0.40	0	3	0	100	0.00	0.0	2.102	0.000	3	0	1	1		
504318	PL.15822	A	Consumer	7.47Y	124.5	0.00	1.49	0.78	0	6	1	99	0.00	0.0	2.102	0.000	6	1	1	1		
504333	PL.15822	A	Consumer	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	2.102	0.000	0	0	0	0		
PL.25006	PL.15822	A	4ACSR	7.47Y	124.5	0.01	1.50	4.18	2	31	5	99	0.00	0.0	2.129	0.028	0	0	0	7		
PL.24296	PL.25006	A	4ACSR	7.47Y	124.5	0.00	1.50	1.08	1	8	1	99	0.00	0.0	2.145	0.016	0	0	0	3		
PL.24297	PL.24296	A	4ACSR	7.47Y	124.5	0.00	1.50	1.08	1	8	1	99	0.00	0.0	2.183	0.037	0	0	0	3		
504319	PL.24297	A	Consumer	7.47Y	124.5	0.00	1.50	0.41	0	3	0	100	0.00	0.0	2.183	0.000	3	0	1	1		
503311	PL.24297	A	Consumer	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	2.183	0.000	0	0	0	0		
504208	PL.24297	A	Consumer	7.47Y	124.5	0.00	1.50	0.53	0	4	1	97	0.00	0.0	2.183	0.000	4	1	1	1		
504321	PL.24297	A	Consumer	7.47Y	124.5	0.00	1.50	0.15	0	1	0	100	0.00	0.0	2.183	0.000	1	0	1	1		
504334	PL.25006	A	Consumer	7.47Y	124.5	0.00	1.50	1.00	0	7	1	99	0.00	0.0	2.129	0.000	7	1	1	1		
504327	PL.25006	A	Consumer	7.47Y	124.5	0.00	1.50	0.99	0	7	1	99	0.00	0.0	2.129	0.000	7	1	1	1		
504322	PL.25006	A	Consumer	7.47Y	124.5	0.00	1.50	0.44	0	3	1	95	0.00	0.0	2.129	0.000	3	1	1	1		
5043050	504322	A	Consumer	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	2.129	0.000	0	0	0	0		
504308	PL.25006	A	Consumer	7.47Y	124.5	0.00	1.50	0.67	0	5	1	98	0.00	0.0	2.129	0.000	5	1	1	1		
PL.19058	PL.19506	A	4/0ACSR	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.047	0.025	0	0	0	0		
		B		7.52Y	125.3	0.00	0.67	13.67	3	101	19	98					0	0	0	38		
		C		7.48Y	124.6	-0.00	1.39	0.21	0	2	0	99					0	0	0	1		
PL.19057	PL.19058	A	4/0ACSR	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.075	0.029	0	0	0	0		
		B		7.52Y	125.3	0.01	0.68	12.69	3	94	18	98					0	0	0	35		
		C		7.48Y	124.6	-0.00	1.39	0.21	0	2	0	99					0	0	0	1		
504440	PL.19057	C	Consumer	7.48Y	124.6	0.00	1.39	0.00	0	0	0	100	0.00	0.0	2.075	0.000	0	0	0	0		
504408	PL.19057	C	Consumer	7.48Y	124.6	0.00	1.39	0.21	0	2	0	100	0.00	0.0	2.075	0.000	2	0	1	1		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.24827	PL.19057	A	4/0ACSR	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	2.117	0.042	0	0	0	0
		B		7.52Y	125.3	0.01	0.68	12.69	3	94	18	98					0	0	0	35
		C		7.48Y	124.6	-0.00	1.38	0.00	0	0	0	100					0	0	0	0
504416	PL.24827	B	Consumer	7.52Y	125.3	0.00	0.68	0.24	0	2	0	100	0.00	0.0	2.117	0.000	2	0	1	1
504418	PL.24827	B	Consumer	7.52Y	125.3	0.00	0.68	0.20	0	1	0	100	0.00	0.0	2.117	0.000	1	0	1	1
504417	PL.24827	B	Consumer	7.52Y	125.3	0.00	0.68	0.35	0	3	0	100	0.00	0.0	2.117	0.000	3	0	1	1
504402	PL.24827	B	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.117	0.000	0	0	0	0
504419	PL.24827	B	Consumer	7.52Y	125.3	0.00	0.68	0.55	0	4	1	97	0.00	0.0	2.117	0.000	4	1	1	1
504415	PL.24827	B	Consumer	7.52Y	125.3	0.00	0.68	1.21	0	8	4	89	0.00	0.0	2.117	0.000	8	4	1	1
504441	PL.24827	B	Consumer	7.52Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.117	0.000	0	0	0	0
PL.29334	PL.24827	B	4ACSR	7.52Y	125.3	0.01	0.69	9.03	5	67	11	99	0.00	0.0	2.141	0.024	0	0	0	26
PL.29335	PL.29334	B	4ACSR	7.52Y	125.3	0.00	0.70	3.53	2	26	4	99	0.00	0.0	2.168	0.026	0	0	0	10
PL.29336	PL.29335	B	4ACSR	7.52Y	125.3	0.00	0.70	2.50	1	19	3	99	0.00	0.0	2.188	0.021	0	0	0	6
504313	PL.29336	B	Consumer	7.52Y	125.3	0.00	0.70	0.25	0	2	0	100	0.00	0.0	2.188	0.000	2	0	1	1
504335	PL.29336	B	Consumer	7.52Y	125.3	0.00	0.70	0.83	0	6	1	99	0.00	0.0	2.188	0.000	6	1	1	1
503401	PL.29336	B	Consumer	7.52Y	125.3	0.00	0.70	0.32	0	2	0	100	0.00	0.0	2.188	0.000	2	0	1	1
504316	PL.29336	B	Consumer	7.52Y	125.3	0.00	0.70	0.20	0	1	0	100	0.00	0.0	2.188	0.000	1	0	1	1
504328	PL.29336	B	Consumer	7.52Y	125.3	0.00	0.70	0.21	0	2	0	100	0.00	0.0	2.188	0.000	2	0	1	1
503405	PL.29336	B	Consumer	7.52Y	125.3	0.00	0.70	0.69	0	5	1	98	0.00	0.0	2.188	0.000	5	1	1	1
503413	PL.29335	B	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
504431	PL.29335	B	Consumer	7.52Y	125.3	0.00	0.70	0.35	0	3	0	100	0.00	0.0	2.168	0.000	3	0	1	1
503407	PL.29335	B	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
504430	PL.29335	B	Consumer	7.52Y	125.3	0.00	0.70	0.27	0	2	0	100	0.00	0.0	2.168	0.000	2	0	1	1
503414	PL.29335	B	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
503408	PL.29335	B	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
504429	PL.29335	B	Consumer	7.52Y	125.3	0.00	0.70	0.19	0	1	0	100	0.00	0.0	2.168	0.000	1	0	1	1
503411	PL.29335	B	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
503412	PL.29335	B	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
504428	PL.29335	B	Consumer	7.52Y	125.3	0.00	0.70	0.22	0	2	0	100	0.00	0.0	2.168	0.000	2	0	1	1
503409	PL.29335	B	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
503410	PL.29335	B	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	2.168	0.000	0	0	0	0
504438	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.23	0	2	0	100	0.00	0.0	2.141	0.000	2	0	1	1
504424	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.33	0	2	0	100	0.00	0.0	2.141	0.000	2	0	1	1
504426	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.67	0	5	1	98	0.00	0.0	2.141	0.000	5	1	1	1
504434	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.20	0	1	1	71	0.00	0.0	2.141	0.000	1	1	1	1
504421	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.14	0	1	0	100	0.00	0.0	2.141	0.000	1	0	1	1
504423	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.43	0	3	1	95	0.00	0.0	2.141	0.000	3	1	1	1
504437	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.36	0	3	0	100	0.00	0.0	2.141	0.000	3	0	1	1
504432	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.19	0	1	0	100	0.00	0.0	2.141	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
504425	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.36	0	3	0	100	0.00	0.0	2.141	0.000	3	0	1	1
504436	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.45	0	3	1	95	0.00	0.0	2.141	0.000	3	1	1	1
504427	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.18	0	1	0	100	0.00	0.0	2.141	0.000	1	0	1	1
504435	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.36	0	3	0	100	0.00	0.0	2.141	0.000	3	0	1	1
504439	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.43	0	3	1	95	0.00	0.0	2.141	0.000	3	1	1	1
504422	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.23	0	2	0	100	0.00	0.0	2.141	0.000	2	0	1	1
504433	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.42	0	3	1	95	0.00	0.0	2.141	0.000	3	1	1	1
504420	PL.29334	B	Consumer	7.52Y	125.3	0.00	0.69	0.53	0	4	1	97	0.00	0.0	2.141	0.000	4	1	1	1
PL.12914	PL.24827	A	4/0ACSR	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	2.183	0.065	0	0	0	0
		B		7.52Y	125.3	0.00	0.69	1.16	0	9	1	99					0	0	0	4
		C		7.48Y	124.6	-0.00	1.38	0.00	0	0	0	100					0	0	0	0
PL.12913	PL.12914	A	4/0ACSR	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	2.196	0.013	0	0	0	0
		B		7.52Y	125.3	0.00	0.69	0.00	0	0	0	100					0	0	0	0
		C		7.48Y	124.6	0.00	1.38	0.00	0	0	0	100					0	0	0	0
PD.4350-B	PL.12913	A	Open	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	2.196	0.000	0	0	0	0
		B		7.52Y	125.3	0.00	0.69	0.00	0	0	0	100					0	0	0	0
		C		7.48Y	124.6	0.00	1.38	0.00	0	0	0	100					0	0	0	0
503310	PL.12914	B	Consumer	7.52Y	125.3	0.00	0.69	0.74	0	5	1	98	0.00	0.0	2.183	0.000	5	1	1	1
503307	PL.12914	B	Consumer	7.52Y	125.3	0.00	0.69	0.21	0	2	0	100	0.00	0.0	2.183	0.000	2	0	1	1
504306	PL.12914	B	Consumer	7.52Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	2.183	0.000	0	0	0	0
504331	PL.12914	B	Consumer	7.52Y	125.3	0.00	0.69	0.04	0	0	0	100	0.00	0.0	2.183	0.000	0	0	1	1
503312	PL.12914	C	Consumer	7.48Y	124.6	0.00	1.38	0.00	0	0	0	100	0.00	0.0	2.183	0.000	0	0	0	0
503303	PL.12914	B	Consumer	7.52Y	125.3	0.00	0.69	0.17	0	1	0	100	0.00	0.0	2.183	0.000	1	0	1	1
504413	PL.19058	C	Consumer	7.48Y	124.6	0.00	1.39	0.00	0	0	0	100	0.00	0.0	2.047	0.000	0	0	0	0
504406	PL.19058	B	Consumer	7.52Y	125.3	0.00	0.67	0.30	0	2	0	100	0.00	0.0	2.047	0.000	2	0	1	1
504412	PL.19058	B	Consumer	7.52Y	125.3	0.00	0.67	0.22	0	2	0	100	0.00	0.0	2.047	0.000	2	0	1	1
504414	PL.19058	B	Consumer	7.52Y	125.3	0.00	0.67	0.46	0	3	1	95	0.00	0.0	2.047	0.000	3	1	1	1
506302	PL.12912	A	Consumer	7.47Y	124.6	0.00	1.44	0.19	0	1	0	100	0.00	0.0	1.924	0.000	1	0	1	1
		C		7.48Y	124.6	0.00	1.41	0.19	0	1	0	99					1	0	1	1
505338	PL.12912	A	Consumer	7.47Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	1.924	0.000	0	0	0	0
		C		7.48Y	124.6	0.00	1.41	0.00	0	0	0	100					0	0	0	0
505324	PL.12912	C	Consumer	7.48Y	124.6	0.00	1.41	0.21	0	1	1	71	0.00	0.0	1.924	0.000	1	1	1	1
505328	PL.12912	C	Consumer	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	1.924	0.000	0	0	0	0
506401	PL.12912	A	Consumer	7.47Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	1.924	0.000	0	0	0	0
		C		7.48Y	124.6	0.00	1.41	0.00	0	0	0	100					0	0	0	0
506313	PL.12912	A	Consumer	7.47Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	1.924	0.000	0	0	0	0
		C		7.48Y	124.6	0.00	1.41	0.00	0	0	0	100					0	0	0	0
PL.17653	PL.25004	C	4ACSR	7.48Y	124.6	0.00	1.41	8.08	4	60	10	99	0.00	0.0	1.895	0.005	0	0	0	12
C.PD.2809	PL.17653	C	fuse8AMP	7.48Y	124.6	0.00	1.41	8.08	111	60	10	99	0.00	0.0	1.895	0.000	0	0	0	12
PL.17654	PD.2809	C	4ACSR	7.47Y	124.6	0.01	1.42	8.08	4	60	10	99	0.00	0.0	1.916	0.021	0	0	0	12
506314	PL.17654	C	Consumer	7.47Y	124.6	0.00	1.42	0.53	0	4	1	97	0.00	0.0	1.916	0.000	4	1	1	1
506318	PL.17654	C	Consumer	7.47Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	1.916	0.000	0	0	0	0
506322	PL.17654	C	Consumer	7.47Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	1.916	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
506305	PL.17654	C	Consumer	7.47Y	124.6	0.00	1.42	1.01	0	7	1	99	0.00	0.0	1.916	0.000	7	1	1	1
506320	PL.17654	C	Consumer	7.47Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	1.916	0.000	0	0	0	0
506303	PL.17654	C	Consumer	7.47Y	124.6	0.00	1.42	0.66	0	5	1	98	0.00	0.0	1.916	0.000	5	1	1	1
506319	PL.17654	C	Consumer	7.47Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	1.916	0.000	0	0	0	0
PL.27827	PL.17654	C	4ACSR	7.47Y	124.6	0.01	1.43	5.88	3	43	7	99	0.00	0.0	1.950	0.034	0	0	0	9
PL.27828	PL.27827	C	4ACSR	7.47Y	124.6	0.00	1.43	2.17	1	16	3	98	0.00	0.0	1.982	0.032	0	0	0	4
506433	PL.27828	C	Consumer	7.47Y	124.6	0.00	1.43	0.25	0	2	0	100	0.00	0.0	1.982	0.000	2	0	1	1
506427	PL.27828	C	Consumer	7.47Y	124.6	0.00	1.43	1.54	0	11	2	98	0.00	0.0	1.982	0.000	9	1	1	2
5064034	506427	C	Consumer	7.47Y	124.6	0.00	1.43	0.30	0	2	0	100	0.00	0.0	1.982	0.000	2	0	1	1
PL.25010	PL.27828	C	4ACSR	7.47Y	124.6	0.00	1.43	0.39	0	3	0	100	0.00	0.0	2.028	0.046	0	0	0	1
507401	PL.25010	C	Consumer	7.47Y	124.6	0.00	1.43	0.39	0	3	0	100	0.00	0.0	2.028	0.000	3	0	1	1
506409	PL.25010	C	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	2.028	0.000	0	0	0	0
506317	PL.27827	C	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.950	0.000	0	0	0	0
506423	PL.27827	C	Consumer	7.47Y	124.6	0.00	1.43	0.91	0	7	1	99	0.00	0.0	1.950	0.000	7	1	1	1
506310	PL.27827	C	Consumer	7.47Y	124.6	0.00	1.43	0.75	0	6	1	99	0.00	0.0	1.950	0.000	6	1	1	1
506424	PL.27827	C	Consumer	7.47Y	124.6	0.00	1.43	0.30	0	2	0	100	0.00	0.0	1.950	0.000	2	0	1	1
506411	PL.27827	C	Consumer	7.47Y	124.6	0.00	1.43	1.34	0	10	2	98	0.00	0.0	1.950	0.000	10	2	1	1
506309	PL.27827	C	Consumer	7.47Y	124.6	0.00	1.43	0.41	0	3	0	100	0.00	0.0	1.950	0.000	3	0	1	1
506419	PL.27827	C	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.950	0.000	0	0	0	0
PL.44719	PL.24822	A	2ACSR	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.910	0.034	0	0	0	0
		B		7.52Y	125.4	0.00	0.64	0.00	0	0	0	100			0	0	0	0	0	
		C		7.48Y	124.6	0.00	1.40	0.00	0	0	0	100			0	0	0	0	0	
5063031	PL.44719	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.910	0.000	0	0	0	0
		B		7.52Y	125.4	0.00	0.64	0.00	0	0	0	100			0	0	0	0	0	
		C		7.48Y	124.6	0.00	1.40	0.00	0	0	0	100			0	0	0	0	0	
P PL.45849	PL.24822	A	1/0EPRJCN	7.47Y	124.6	-0.00	1.43	-0.02	0	0	0	100	0.00	0.0	1.906	0.030	0	0	0	0 P
5063034	PL.45849	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.906	0.000	0	0	0	0
5063035	5063034	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.906	0.000	0	0	0	0
5063032	PL.45849	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.906	0.000	0	0	0	0
5063033	5063032	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.906	0.000	0	0	0	0
506312	PL.24822	C	Consumer	7.48Y	124.6	0.00	1.40	0.13	0	1	0	100	0.00	0.0	1.876	0.000	1	0	1	1
PL.15809	PL.18372	A	4ACSR	7.48Y	124.6	0.00	1.42	10.74	6	79	14	98	0.00	0.0	1.833	0.005	0	0	0	15
C PD.2813	PL.15809	A	fuse8AMP	7.48Y	124.6	0.00	1.42	10.74	147	79	14	98	0.00	0.0	1.833	0.000	0	0	0	15 C
PL.15810	PD.2813	A	4ACSR	7.47Y	124.6	0.01	1.42	10.74	6	79	14	98	0.00	0.0	1.847	0.014	0	0	0	15
506330	PL.15810	A	Consumer	7.47Y	124.6	0.00	1.42	0.40	0	3	0	100	0.00	0.0	1.847	0.000	3	0	1	1
507318	PL.15810	A	Consumer	7.47Y	124.6	0.00	1.42	0.43	0	3	1	95	0.00	0.0	1.847	0.000	3	1	1	1
506325	PL.15810	A	Consumer	7.47Y	124.6	0.00	1.42	0.57	0	4	1	97	0.00	0.0	1.847	0.000	4	1	1	1
506308	PL.15810	A	Consumer	7.47Y	124.6	0.00	1.42	1.45	0	11	2	98	0.00	0.0	1.847	0.000	11	2	1	1
506315	PL.15810	A	Consumer	7.47Y	124.6	0.00	1.42	0.58	0	4	1	97	0.00	0.0	1.847	0.000	4	1	1	1
506316	PL.15810	A	Consumer	7.47Y	124.6	0.00	1.42	0.72	0	5	1	98	0.00	0.0	1.847	0.000	5	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss			KW	KVAR			
PL.24293	PL.15810	A	4ACSR	7.47Y	124.6	0.01	1.44	6.61	3	49	8	99	0.01	0.0	1.896	0.050	0	0	0	9
PL.12715	PL.24293	A	4ACSR	7.47Y	124.6	0.00	1.44	3.82	2	28	5	98	0.00	0.0	1.915	0.019	0	0	0	5
PL.12716	PL.12715	A	4ACSR	7.47Y	124.6	0.00	1.44	3.82	2	28	5	98	0.00	0.0	1.916	0.000	0	0	0	5
PL.7369	PL.12716	A	4ACSR	7.47Y	124.6	0.00	1.44	0.38	0	3	0	100	0.00	0.0	1.957	0.041	0	0	0	1
507403	PL.7369	A	Consumer	7.47Y	124.6	0.00	1.44	0.38	0	3	0	100	0.00	0.0	1.957	0.000	3	0	1	1
507406	PL.12716	A	Consumer	7.47Y	124.6	0.00	1.44	1.87	0	14	2	99	0.00	0.0	1.916	0.000	14	2	1	1
507313	PL.12716	A	Consumer	7.47Y	124.6	0.00	1.44	0.30	0	2	0	100	0.00	0.0	1.916	0.000	2	0	1	1
507310	PL.12716	A	Consumer	7.47Y	124.6	0.00	1.44	0.47	0	3	1	95	0.00	0.0	1.916	0.000	3	1	1	1
5073035	507310	A	Consumer	7.47Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	1.916	0.000	0	0	0	0
507407	PL.12716	A	Consumer	7.47Y	124.6	0.00	1.44	0.81	0	6	1	99	0.00	0.0	1.916	0.000	6	1	1	1
507405	PL.12716	A	Consumer	7.47Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	1.916	0.000	0	0	0	0
507307	PL.24293	A	Consumer	7.47Y	124.6	0.00	1.44	1.32	0	10	2	98	0.00	0.0	1.896	0.000	10	2	1	1
507312	PL.24293	A	Consumer	7.47Y	124.6	0.00	1.44	0.38	0	3	0	100	0.00	0.0	1.896	0.000	3	0	1	1
507306	PL.24293	A	Consumer	7.47Y	124.6	0.00	1.44	1.02	0	7	1	99	0.00	0.0	1.896	0.000	7	1	1	1
507322	PL.24293	A	Consumer	7.47Y	124.6	0.00	1.44	0.07	0	1	0	100	0.00	0.0	1.896	0.000	1	0	1	1
PL.15811	PL.18372	A	4ACSR	7.48Y	124.6	0.00	1.42	4.86	3	36	6	99	0.00	0.0	1.833	0.005	0	0	0	9
PD.2814	PL.15811	A	fuse8AMP	7.48Y	124.6	0.00	1.42	4.86	67	36	6	99	0.00	0.0	1.833	0.000	0	0	0	9
PL.15812	PD.2814	A	4ACSR	7.47Y	124.6	0.01	1.42	4.86	3	36	6	99	0.00	0.0	1.860	0.027	0	0	0	9
PL.24292	PL.15812	A	4ACSR	7.47Y	124.6	0.01	1.43	4.49	2	33	5	99	0.00	0.0	1.909	0.048	0	0	0	7
506236	PL.24292	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0
506204	PL.24292	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0
5062041	PL.24292	A	Consumer	7.47Y	124.6	0.00	1.43	1.52	0	11	2	98	0.00	0.0	1.909	0.000	11	2	1	1
506240	PL.24292	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0
506238	PL.24292	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0
506207	PL.24292	A	Consumer	7.47Y	124.6	0.00	1.43	0.41	0	3	0	100	0.00	0.0	1.909	0.000	3	0	1	1
506237	PL.24292	A	Consumer	7.47Y	124.6	0.00	1.43	0.95	0	7	1	99	0.00	0.0	1.909	0.000	7	1	1	1
506206	PL.24292	A	Consumer	7.47Y	124.6	0.00	1.43	0.28	0	2	0	100	0.00	0.0	1.909	0.000	2	0	1	1
PL.24823	PL.24292	A	4ACSR	7.47Y	124.6	0.00	1.43	1.33	1	10	2	98	0.00	0.0	1.941	0.033	0	0	0	3
506208	PL.24823	A	Consumer	7.47Y	124.6	0.00	1.43	0.33	0	2	0	100	0.00	0.0	1.941	0.000	2	0	1	1
506212	PL.24823	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	1.941	0.000	0	0	1	1
506203	PL.24823	A	Consumer	7.47Y	124.6	0.00	1.43	0.99	0	7	1	99	0.00	0.0	1.941	0.000	7	1	1	1
506205	PL.15812	A	Consumer	7.47Y	124.6	0.00	1.42	0.29	0	2	0	100	0.00	0.0	1.860	0.000	2	0	1	1
506324	PL.15812	A	Consumer	7.47Y	124.6	0.00	1.42	0.08	0	1	0	100	0.00	0.0	1.860	0.000	1	0	1	1
507302	PL.19254	C	Consumer	7.48Y	124.6	0.00	1.38	0.35	0	3	0	100	0.00	0.0	1.778	0.000	3	0	1	1
507209	PL.19254	C	Consumer	7.48Y	124.6	0.00	1.38	0.50	0	4	1	97	0.00	0.0	1.778	0.000	4	1	1	1
507218	PL.19254	C	Consumer	7.48Y	124.6	0.00	1.38	0.77	0	6	1	99	0.00	0.0	1.778	0.000	6	1	1	1
507208	PL.19254	C	Consumer	7.48Y	124.6	0.00	1.38	0.86	0	6	1	99	0.00	0.0	1.778	0.000	6	1	1	1
507217	PL.19254	C	Consumer	7.48Y	124.6	0.00	1.38	0.37	0	3	0	100	0.00	0.0	1.778	0.000	3	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes data for various elements like 507220, 507219, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PD.174-B	PD.174-A	A	Closed	7.48Y	124.6	0.00	1.38	17.52	0	124	41	95	0.00	0.0	1.820	0.000	0	0	0	24
		B		7.52Y	125.4	0.00	0.64	7.99	0	56	22	93					0	0	0	13
		C		7.48Y	124.6	0.00	1.39	18.23	0	130	42	95					0	0	0	33
PL.15803	PD.174-B	A	336ACSR	7.48Y	124.6	0.01	1.39	17.52	2	124	41	95	0.01	0.0	1.886	0.066	0	0	0	24
		B		7.52Y	125.4	0.00	0.64	7.99	1	56	22	93					0	0	0	13
		C		7.48Y	124.6	0.01	1.40	18.23	2	130	42	95					0	0	0	33
507404	PL.15803	A	Consumer	7.48Y	124.6	0.00	1.39	0.71	0	5	1	98	0.00	0.0	1.886	0.000	5	1	1	1
PL.12717	PL.15803	A	336ACSR	7.48Y	124.6	0.01	1.40	16.20	2	115	39	95	0.02	0.0	1.965	0.080	0	0	0	21
		B		7.52Y	125.4	0.00	0.64	7.99	1	56	22	93					0	0	0	13
		C		7.47Y	124.6	0.02	1.42	18.23	2	130	42	95					0	0	0	33
PL.24298	PL.12717	A	336ACSR	7.48Y	124.6	0.00	1.40	16.20	2	115	39	95	0.00	0.0	1.989	0.023	0	0	0	21
		B		7.52Y	125.4	0.00	0.64	7.83	1	55	21	93					0	0	0	11
		C		7.47Y	124.6	0.00	1.43	18.23	2	130	42	95					0	0	0	33
PL.12718	PL.24298	A	336ACSR	7.48Y	124.6	0.00	1.40	16.20	2	115	39	95	0.00	0.0	2.011	0.022	0	0	0	21
		B		7.52Y	125.4	0.00	0.64	7.83	1	55	21	93					0	0	0	11
		C		7.47Y	124.6	0.00	1.43	18.23	2	130	42	95					0	0	0	33
PL.12719	PL.12718	A	336ACSR	7.48Y	124.6	0.00	1.40	16.20	2	115	39	95	0.01	0.0	2.058	0.048	0	0	0	21
		B		7.52Y	125.4	0.00	0.65	7.83	1	55	21	93					0	0	0	11
		C		7.47Y	124.6	0.01	1.44	18.23	2	130	42	95					0	0	0	33
509509	PL.12719	C	Consumer	7.47Y	124.6	0.00	1.44	1.74	0	12	6	89	0.00	0.0	2.058	0.000	12	6	1	1
509508	PL.12719	C	Consumer	7.47Y	124.6	0.00	1.44	0.05	0	0	0	100	0.00	0.0	2.058	0.000	0	0	1	1
PL.12245	PL.12719	A	336ACSR	7.48Y	124.6	0.01	1.41	16.20	2	115	39	95	0.01	0.0	2.110	0.052	0	0	0	21
		B		7.52Y	125.4	0.00	0.65	7.83	1	55	21	93					0	0	0	11
		C		7.47Y	124.6	0.01	1.45	10.06	1	70	28	93					0	0	0	14
PL.12246	PL.12245	A	336ACSR	7.47Y	124.6	0.01	1.42	14.08	2	99	37	94	0.01	0.0	2.163	0.053	0	0	0	18
		B		7.52Y	125.4	0.00	0.65	7.83	1	55	21	93					0	0	0	11
		C		7.47Y	124.5	0.01	1.45	9.95	1	69	28	93					0	0	0	13
509609	PL.12246	A	Consumer	7.47Y	124.6	0.00	1.42	0.17	0	1	1	71	0.00	0.0	2.163	0.000	1	1	1	1
509610	PL.12246	A	Consumer	7.47Y	124.6	0.00	1.42	2.34	0	16	8	89	0.00	0.0	2.163	0.000	16	8	1	1
509612	PL.12246	C	Consumer	7.47Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	2.163	0.000	0	0	1	1
509622	PL.12246	A	Consumer	7.47Y	124.6	0.00	1.42	0.67	0	4	2	89	0.00	0.0	2.163	0.000	4	2	1	1
PL.18238	PL.12246	A	336ACSR	7.47Y	124.6	0.00	1.42	9.47	1	67	22	95	0.00	0.0	2.191	0.028	0	0	0	11
		B		7.52Y	125.4	0.00	0.65	7.83	1	55	21	93					0	0	0	11
		C		7.47Y	124.5	0.00	1.45	9.95	1	69	28	93					0	0	0	12
PL.6522	PL.18238	A	336ACSR	7.47Y	124.6	0.00	1.42	9.47	1	67	22	95	0.00	0.0	2.206	0.015	0	0	0	11
		B		7.52Y	125.4	0.00	0.65	7.83	1	55	21	93					0	0	0	11
		C		7.47Y	124.5	0.00	1.46	9.95	1	69	28	93					0	0	0	12
PL.12764	PL.6522	A	336ACSR	7.47Y	124.6	0.00	1.42	9.47	1	67	22	95	0.00	0.0	2.229	0.023	0	0	0	11
		B		7.52Y	125.3	0.00	0.65	7.83	1	55	21	93					0	0	0	11
		C		7.47Y	124.5	0.00	1.46	9.95	1	69	28	93					0	0	0	12
510611	PL.12764	A	Consumer	7.47Y	124.6	0.00	1.42	0.38	0	3	0	100	0.00	0.0	2.229	0.000	3	0	1	1
510610	PL.12764	A	Consumer	7.47Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	2.229	0.000	0	0	0	0
PL.12765	PL.12764	A	336ACSR	7.47Y	124.6	0.00	1.42	7.50	1	54	16	96	0.00	0.0	2.255	0.026	0	0	0	10
		B		7.52Y	125.3	0.00	0.65	7.04	1	49	20	92					0	0	0	10
		C		7.47Y	124.5	0.00	1.46	5.34	1	36	17	91					0	0	0	4
PL.12763	PL.12765	A	336ACSR	7.47Y	124.6	0.00	1.42	4.78	1	34	11	95	0.00	0.0	2.267	0.011	0	0	0	9
		B		7.52Y	125.3	0.00	0.65	5.90	1	41	17	93					0	0	0	10
		C		7.47Y	124.5	0.00	1.46	4.19	1	28	13	91					0	0	0	4
PL.12761	PL.12763	A	336ACSR	7.47Y	124.6	0.00	1.43	4.78	1	34	11	95	0.00	0.0	2.303	0.036	0	0	0	9
		B		7.52Y	125.3	0.00	0.65	4.19	1	30	11	94					0	0	0	6
		C		7.47Y	124.5	0.00	1.46	4.19	1	28	13	91					0	0	0	4

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.12762	PL.12761	A	336ACSR	7.47Y	124.6	0.00	1.43	2.69	0	19	6	95	0.00	0.0	2.340	0.037	0	0	0	5		
		B		7.52Y	125.3	0.00	0.66	4.17	1	29	11	94					0	0	0	5		
		C		7.47Y	124.5	0.00	1.46	4.19	1	28	13	91					0	0	0	4		
PL.12760	PL.12762	A	336ACSR	7.47Y	124.6	0.00	1.43	2.21	0	16	5	95	0.00	0.0	2.352	0.012	0	0	0	4		
		B		7.52Y	125.3	0.00	0.66	0.93	0	6	3	90					0	0	0	1		
		C		7.47Y	124.5	0.00	1.46	3.70	1	25	12	91					0	0	0	4		
511707	PL.12760	C	Consumer	7.47Y	124.5	0.00	1.46	0.23	0	2	0	100	0.00	0.0	2.352	0.000	2	0	1	1		
511701	PL.12760	C	Consumer	7.47Y	124.5	0.00	1.46	0.55	0	4	2	89	0.00	0.0	2.352	0.000	4	2	1	1		
510708	PL.12760	C	Consumer	7.47Y	124.5	0.00	1.46	2.00	0	13	7	88	0.00	0.0	2.352	0.000	13	7	1	1		
PL.12759	PL.12760	A	336ACSR	7.47Y	124.6	0.00	1.43	2.21	0	16	5	95	0.00	0.0	2.368	0.016	0	0	0	4		
		B		7.52Y	125.3	-0.00	0.66	0.93	0	6	3	90					0	0	0	1		
		C		7.47Y	124.5	0.00	1.46	0.93	0	6	3	90					0	0	0	1		
PL.12758	PL.12759	A	336ACSR	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	2.374	0.006	0	0	0	0		
		B		7.52Y	125.3	0.00	0.66	0.00	0	0	0	100					0	0	0	0		
		C		7.47Y	124.5	0.00	1.46	0.00	0	0	0	100					0	0	0	0		
PD.3067-B	PL.12758	A	Open	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	2.374	0.000	0	0	0	0		
		B		7.52Y	125.3	0.00	0.66	0.00	0	0	0	100					0	0	0	0		
		C		7.47Y	124.5	0.00	1.46	0.00	0	0	0	100					0	0	0	0		
510718	PL.12759	A	Consumer	7.47Y	124.6	0.00	1.43	0.49	0	3	2	83	0.00	0.0	2.368	0.000	3	2	1	1		
511720	PL.12759	A	Consumer	7.47Y	124.6	0.00	1.43	0.95	0	7	1	99	0.00	0.0	2.368	0.000	7	1	1	1		
511719	PL.12759	B	Consumer	7.52Y	125.3	0.00	0.66	0.93	0	6	3	89	0.00	0.0	2.368	0.000	6	3	1	1		
		C		7.47Y	124.5	0.00	1.46	0.93	0	6	3	90					6	3	1	1		
511718	PL.12759	A	Consumer	7.47Y	124.6	0.00	1.43	0.38	0	3	0	100	0.00	0.0	2.368	0.000	3	0	1	1		
511704	PL.12759	A	Consumer	7.47Y	124.6	0.00	1.43	0.41	0	3	1	95	0.00	0.0	2.368	0.000	3	1	1	1		
PL.6525	PL.12762	A	4ACSR	7.47Y	124.6	0.00	1.43	0.49	0	3	2	83	0.00	0.0	2.396	0.055	0	0	0	1		
		B		7.52Y	125.3	0.01	0.66	3.25	2	23	8	95					0	0	0	5		
		C		7.47Y	124.5	-0.00	1.46	0.49	0	3	2	90					0	0	0	1		
PL.7204	PL.6525	A	4ACSR	7.47Y	124.6	0.00	1.43	0.49	0	3	2	83	0.00	0.0	2.411	0.016	0	0	0	1		
		B		7.52Y	125.3	0.00	0.66	1.90	1	14	3	97					0	0	0	3		
		C		7.47Y	124.5	0.00	1.46	0.49	0	3	2	90					0	0	0	1		
510717	PL.7204	A	Consumer	7.47Y	124.6	0.00	1.43	0.14	0	1	0	100	0.00	0.0	2.411	0.000	1	0	0	0		
		B		7.52Y	125.3	0.00	0.66	0.14	0	1	0	90					1	0	0	0		
		C		7.47Y	124.5	0.00	1.46	0.14	0	1	0	90					1	0	0	0		
510731	PL.7204	B	Consumer	7.52Y	125.3	0.00	0.66	0.08	0	1	0	100	0.00	0.0	2.411	0.000	1	0	1	1		
510707	PL.7204	A	Consumer	7.47Y	124.6	0.00	1.43	0.35	0	2	1	89	0.00	0.0	2.411	0.000	2	1	0	0		
		B		7.52Y	125.3	0.00	0.66	0.35	0	2	1	90					2	1	0	0		
		C		7.47Y	124.5	0.00	1.46	0.35	0	2	1	90					2	1	0	0		
510729	PL.7204	B	Consumer	7.52Y	125.3	0.00	0.66	1.36	0	10	2	98	0.00	0.0	2.411	0.000	10	2	1	1		
510724	PL.7204	B	Consumer	7.52Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	2.411	0.000	0	0	0	0		
510730	PL.6525	B	Consumer	7.52Y	125.3	0.00	0.66	0.75	0	5	2	93	0.00	0.0	2.396	0.000	5	2	1	1		
510716	PL.6525	C	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	2.396	0.000	0	0	0	0		
510706	PL.6525	B	Consumer	7.52Y	125.3	0.00	0.66	0.61	0	4	2	89	0.00	0.0	2.396	0.000	4	2	1	1		
509626	PL.12761	B	Consumer	7.52Y	125.3	0.00	0.65	0.01	0	0	0	100	0.00	0.0	2.303	0.000	0	0	1	1		
5107036	PL.12761	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	2.303	0.000	0	0	0	0		
510617	PL.12761	A	Consumer	7.47Y	124.6	0.00	1.43	1.01	0	7	3	92	0.00	0.0	2.303	0.000	7	3	1	1		
510725	PL.12761	A	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	2.303	0.000	0	0	0	0		
510612	PL.12761	A	Consumer	7.47Y	124.6	0.00	1.43	0.29	0	2	0	100	0.00	0.0	2.303	0.000	2	0	1	1		
511715	PL.12761	C	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	2.303	0.000	0	0	0	0		

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
510720	PL.12761	A	Consumer	7.47Y	124.6	0.00	1.43	0.79	0	6	1	99	0.00	0.0	2.303	0.000	6	1	1	1
510702	PL.12761	A	Consumer	7.47Y	124.6	0.00	1.43	0.02	0	0	0	100	0.00	0.0	2.303	0.000	0	0	1	1
510622	PL.12763	B	Consumer	7.52Y	125.3	0.00	0.65	0.27	0	2	1	89	0.00	0.0	2.267	0.000	2	1	1	1
510621	PL.12763	B	Consumer	7.52Y	125.3	0.00	0.65	0.83	0	6	3	89	0.00	0.0	2.267	0.000	6	3	1	1
510609	PL.12763	B	Consumer	7.52Y	125.3	0.00	0.65	0.00	0	0	0	100	0.00	0.0	2.267	0.000	0	0	0	0
510620	PL.12763	B	Consumer	7.52Y	125.3	0.00	0.65	0.00	0	0	0	100	0.00	0.0	2.267	0.000	0	0	0	0
510605	PL.12763	B	Consumer	7.52Y	125.3	0.00	0.65	0.42	0	3	1	95	0.00	0.0	2.267	0.000	3	1	1	1
510614	PL.12763	B	Consumer	7.52Y	125.3	0.00	0.65	0.19	0	1	1	71	0.00	0.0	2.267	0.000	1	1	1	1
PL.3446	PL.12765	C	4ACSR	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	2.283	0.028	0	0	0	0
510615	PL.12765	A	Consumer	7.47Y	124.6	0.00	1.42	1.15	0	8	4	89	0.00	0.0	2.255	0.000	8	4	0	0
		B		7.52Y	125.3	0.00	0.65	1.14	0	8	4	90					8	4	0	0
		C		7.47Y	124.5	0.00	1.46	1.15	0	8	4	90					8	4	0	0
510623	PL.12765	A	Consumer	7.47Y	124.6	0.00	1.42	1.60	0	12	2	99	0.00	0.0	2.255	0.000	12	2	1	1
PL.6523	PL.12764	A	336ACSR	7.47Y	124.6	-0.00	1.42	1.62	0	11	5	91	0.00	0.0	2.266	0.036	0	0	0	1
		B		7.52Y	125.3	0.00	0.65	0.81	0	6	1	99					0	0	0	1
		C		7.47Y	124.5	0.00	1.46	4.63	1	33	11	94					0	0	0	8
PL.6524	PL.6523	A	336ACSR	7.47Y	124.6	-0.00	1.42	1.62	0	11	5	91	0.00	0.0	2.293	0.028	0	0	0	1
		B		7.52Y	125.3	0.00	0.65	0.81	0	6	1	99					0	0	0	1
		C		7.47Y	124.5	0.00	1.46	4.63	1	33	11	94					0	0	0	8
PL.40418	PL.6524	A	336ACSR	7.47Y	124.6	-0.00	1.42	1.62	0	11	5	91	0.00	0.0	2.329	0.036	0	0	0	1
		B		7.52Y	125.3	0.00	0.65	0.81	0	6	1	99					0	0	0	1
		C		7.47Y	124.5	0.00	1.46	4.63	1	33	11	94					0	0	0	8
509620	PL.40418	C	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	2.329	0.000	0	0	0	0
509705	PL.40418	C	Consumer	7.47Y	124.5	0.00	1.46	0.65	0	5	1	98	0.00	0.0	2.329	0.000	5	1	1	1
509708	PL.40418	C	Consumer	7.47Y	124.5	0.00	1.46	1.09	0	7	4	87	0.00	0.0	2.329	0.000	7	4	1	1
509706	PL.40418	C	Consumer	7.47Y	124.5	0.00	1.46	0.21	0	2	0	100	0.00	0.0	2.329	0.000	2	0	1	1
509703	PL.40418	C	Consumer	7.47Y	124.5	0.00	1.46	0.35	0	3	0	100	0.00	0.0	2.329	0.000	3	0	1	1
509702	PL.40418	C	Consumer	7.47Y	124.5	0.00	1.46	0.49	0	4	1	97	0.00	0.0	2.329	0.000	4	1	1	1
509709	PL.40418	C	Consumer	7.47Y	124.5	0.00	1.46	0.08	0	1	0	100	0.00	0.0	2.329	0.000	1	0	1	1
509619	PL.40418	A	Consumer	7.47Y	124.6	0.00	1.42	1.62	0	11	5	91	0.00	0.0	2.329	0.000	11	5	1	1
		C		7.47Y	124.5	0.00	1.46	1.62	0	11	5	90					11	5	1	1
509704	PL.40418	C	Consumer	7.47Y	124.5	0.00	1.46	0.20	0	1	0	100	0.00	0.0	2.329	0.000	1	0	1	1
509707	PL.40418	B	Consumer	7.52Y	125.3	0.00	0.65	0.81	0	6	1	99	0.00	0.0	2.329	0.000	6	1	1	1
PL.7359	PL.12246	A	4ACSR	7.47Y	124.6	0.00	1.42	1.46	1	10	4	93	0.00	0.0	2.179	0.016	0	0	0	3
509615	PL.7359	A	Consumer	7.47Y	124.6	0.00	1.42	0.72	0	5	2	93	0.00	0.0	2.179	0.000	5	2	1	1
509601	PL.7359	A	Consumer	7.47Y	124.6	0.00	1.42	0.47	0	3	2	83	0.00	0.0	2.179	0.000	3	2	1	1
PL.7360	PL.7359	A	4ACSR	7.47Y	124.6	0.00	1.42	0.28	0	2	0	100	0.00	0.0	2.185	0.006	0	0	0	1
PL.3447	PL.7360	A	4ACSR	7.47Y	124.6	0.00	1.42	0.28	0	2	0	100	0.00	0.0	2.229	0.044	0	0	0	1
510601	PL.3447	A	Consumer	7.47Y	124.6	0.00	1.42	0.28	0	2	0	100	0.00	0.0	2.229	0.000	2	0	1	1
509507	PL.12245	A	Consumer	7.48Y	124.6	0.00	1.41	0.66	0	5	1	98	0.00	0.0	2.110	0.000	5	1	1	1
509506	PL.12245	A	Consumer	7.48Y	124.6	0.00	1.41	0.47	0	3	1	95	0.00	0.0	2.110	0.000	3	1	1	1
509504	PL.12245	C	Consumer	7.47Y	124.6	0.00	1.45	0.11	0	1	0	100	0.00	0.0	2.110	0.000	1	0	1	1
5095010	PL.12245	A	Consumer	7.48Y	124.6	0.00	1.41	1.04	0	8	1	99	0.00	0.0	2.110	0.000	8	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.7370	PL.12719	C	4ACSR	7.47Y	124.6	0.00	1.44	6.50	3	48	8	99	0.00	0.0	2.064	0.005	0	0	0	17
509502	PL.7370	C	Consumer	7.47Y	124.6	0.00	1.44	0.47	0	3	1	95	0.00	0.0	2.064	0.000	3	1	1	1
PL.12242	PL.7370	C	4ACSR	7.47Y	124.5	0.01	1.45	6.03	3	44	7	99	0.00	0.0	2.108	0.044	0	0	0	16
PL.12243	PL.12242	C	4ACSR	7.47Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	2.165	0.058	0	0	0	2
PL.3213	PL.12243	C	4ACSR	7.47Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	2.263	0.097	0	0	0	2
PL.40723	PL.3213	C	4ACSR	7.47Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	2.314	0.052	0	0	0	1
507601	PL.40723	C	Consumer	7.47Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	2.314	0.000	0	0	1	1
508701	PL.3213	C	Consumer	7.47Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	2.263	0.000	0	0	1	1
PL.40724	PL.3213	C	2ACSR	7.47Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	2.359	0.096	0	0	0	0
5087002	PL.40724	C	Consumer	7.47Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	2.359	0.000	0	0	0	0
PL.19788	PL.12242	C	4ACSR	7.47Y	124.5	0.01	1.47	3.67	2	27	4	99	0.00	0.0	2.194	0.086	0	0	0	9
PL.30931	PL.19788	C	4ACSR	7.47Y	124.5	0.00	1.47	2.69	1	20	3	99	0.00	0.0	2.204	0.010	0	0	0	7
509616	PL.30931	C	Consumer	7.47Y	124.5	0.00	1.47	0.82	0	6	1	99	0.00	0.0	2.204	0.000	6	1	1	1
509623	PL.30931	C	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.204	0.000	0	0	1	1
5096027	PL.30931	C	Consumer	7.47Y	124.5	0.00	1.47	0.62	0	5	1	98	0.00	0.0	2.204	0.000	5	1	1	1
509614	PL.30931	C	Consumer	7.47Y	124.5	0.00	1.47	0.30	0	2	0	100	0.00	0.0	2.204	0.000	2	0	1	1
PL.30932	PL.30931	C	4ACSR	7.47Y	124.5	0.00	1.47	0.94	0	7	1	99	0.00	0.0	2.216	0.012	0	0	0	3
509605	PL.30932	C	Consumer	7.47Y	124.5	0.00	1.47	0.07	0	1	0	100	0.00	0.0	2.216	0.000	1	0	1	1
509613	PL.30932	C	Consumer	7.47Y	124.5	0.00	1.47	0.50	0	4	1	97	0.00	0.0	2.216	0.000	4	1	1	1
509621	PL.30932	C	Consumer	7.47Y	124.5	0.00	1.47	0.37	0	3	0	100	0.00	0.0	2.216	0.000	3	0	1	1
509608	PL.19788	C	Consumer	7.47Y	124.5	0.00	1.47	0.27	0	2	0	100	0.00	0.0	2.194	0.000	2	0	1	1
509624	PL.19788	C	Consumer	7.47Y	124.5	0.00	1.47	0.71	0	5	1	98	0.00	0.0	2.194	0.000	5	1	1	1
PL.7373	PL.12242	C	4ACSR	7.47Y	124.5	0.00	1.46	2.28	1	17	3	98	0.00	0.0	2.144	0.036	0	0	0	4
508504	PL.7373	C	Consumer	7.47Y	124.5	0.00	1.46	1.02	0	7	1	99	0.00	0.0	2.144	0.000	7	1	1	1
PL.5796	PL.7373	C	4ACSR	7.47Y	124.5	0.00	1.46	1.26	1	9	1	99	0.00	0.0	2.166	0.022	0	0	0	3
508501	PL.5796	C	Consumer	7.47Y	124.5	0.00	1.46	0.53	0	4	1	97	0.00	0.0	2.166	0.000	4	1	1	1
508503	PL.5796	C	Consumer	7.47Y	124.5	0.00	1.46	0.68	0	5	1	98	0.00	0.0	2.166	0.000	5	1	1	1
508502	PL.5796	C	Consumer	7.47Y	124.5	0.00	1.46	0.05	0	0	0	100	0.00	0.0	2.166	0.000	0	0	1	1
509503	PL.12242	C	Consumer	7.47Y	124.5	0.00	1.45	0.08	0	1	0	100	0.00	0.0	2.108	0.000	1	0	1	1
508403	PL.12717	B	Consumer	7.52Y	125.4	0.00	0.64	0.17	0	1	0	100	0.00	0.0	1.965	0.000	1	0	1	1
508412	PL.12717	B	Consumer	7.52Y	125.4	0.00	0.64	0.00	0	0	0	100	0.00	0.0	1.965	0.000	0	0	1	1
PL.3211	PL.15803	A	4ACSR	7.48Y	124.6	0.00	1.39	0.62	0	5	1	98	0.00	0.0	1.971	0.086	0	0	0	2
508405	PL.3211	A	Consumer	7.48Y	124.6	0.00	1.39	0.15	0	1	0	100	0.00	0.0	1.971	0.000	1	0	1	1
508406	PL.3211	A	Consumer	7.48Y	124.6	0.00	1.39	0.47	0	3	1	95	0.00	0.0	1.971	0.000	3	1	1	1
PL.3212	PL.15803	A	4ACSR	7.48Y	124.6	0.00	1.39	0.00	0	0	0	100	0.00	0.0	1.928	0.042	0	0	0	0
507316	PL.15805	C	Consumer	7.48Y	124.6	0.00	1.39	0.78	0	6	1	99	0.00	0.0	1.815	0.000	6	1	1	1
507304	PL.15805	C	Consumer	7.48Y	124.6	0.00	1.39	0.83	0	6	1	99	0.00	0.0	1.815	0.000	6	1	1	1
507315	PL.15805	C	Consumer	7.48Y	124.6	0.00	1.39	0.35	0	3	0	100	0.00	0.0	1.815	0.000	3	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-										mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
507308	PL.15805	C	Consumer	7.48Y	124.6	0.00	1.39	2.14	0	14	7	89	0.00	0.0	1.815	0.000	14	7	1	1		
507325	PL.12714	B	Consumer	7.52Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	1.786	0.000	0	0	1	1		
507317	PL.12714	B	Consumer	7.52Y	125.4	0.00	0.63	0.86	0	6	3	89	0.00	0.0	1.786	0.000	6	3	1	1		
507201	PL.20197	B	Consumer	7.52Y	125.4	0.00	0.62	0.32	0	2	0	100	0.00	0.0	1.674	0.000	2	0	1	1		
507207	PL.20197	B	Consumer	7.52Y	125.4	0.00	0.62	0.47	0	3	1	95	0.00	0.0	1.674	0.000	3	1	1	1		
507202	PL.20197	B	Consumer	7.52Y	125.4	0.00	0.62	0.38	0	3	0	100	0.00	0.0	1.674	0.000	3	0	1	1		
507203	PL.20197	B	Consumer	7.52Y	125.4	0.00	0.62	0.12	0	1	0	100	0.00	0.0	1.674	0.000	1	0	1	1		
628019	PL.12708	A	Consumer	7.49Y	124.8	0.00	1.17	1.41	0	10	5	89	0.00	0.0	1.534	0.000	10	5	0	0		
		B		7.52Y	125.4	0.00	0.62	1.40	0	10	5	90					10	5	0	0		
		C		7.49Y	124.8	0.00	1.20	1.41	0	10	5	90					10	5	0	0		
6280024	PL.12708	B	Consumer	7.52Y	125.4	0.00	0.62	0.05	0	0	0	100	0.00	0.0	1.534	0.000	0	0	1	1		
507101	PL.12708	A	Consumer	7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	1.534	0.000	0	0	0	0		
		B		7.52Y	125.4	0.00	0.62	0.00	0	0	0	100					0	0	0	0		
		C		7.49Y	124.8	0.00	1.20	0.00	0	0	0	100					0	0	0	0		
PL.16217	PL.20753	A	4/0ACSR	7.49Y	124.9	0.00	1.12	1.68	0	11	5	91	0.00	0.0	1.499	0.006	0	0	0	0		
		B		7.52Y	125.4	0.00	0.62	1.67	0	11	5	90					0	0	0	0		
		C		7.49Y	124.8	0.00	1.17	1.68	0	11	5	90					0	0	0	0		
PD.2927	PL.16217	A	fuse6AMP	7.49Y	124.9	0.00	1.12	1.68	29	11	5	91	0.00	0.0	1.499	0.000	0	0	0	0		
		B		7.52Y	125.4	0.00	0.62	1.67	29	11	5	90					0	0	0	0		
		C		7.49Y	124.8	0.00	1.17	1.68	29	11	5	90					0	0	0	0		
PL.16218	PD.2927	A	4/0ACSR	7.49Y	124.9	0.00	1.12	1.68	0	11	5	91	0.00	0.0	1.557	0.058	0	0	0	0		
		B		7.52Y	125.4	0.00	0.62	1.67	0	11	5	90					0	0	0	0		
		C		7.49Y	124.8	0.00	1.17	1.68	0	11	5	90					0	0	0	0		
627004	PL.16218	A	Consumer	7.49Y	124.9	0.00	1.12	1.68	0	11	5	91	0.00	0.0	1.557	0.000	11	5	0	0		
		B		7.52Y	125.4	0.00	0.62	1.67	0	11	5	90					11	5	0	0		
		C		7.49Y	124.8	0.00	1.17	1.68	0	11	5	90					11	5	0	0		
PL.12699	PL.16209	A	4/0ACSR	7.50Y	125.0	0.00	1.04	2.88	1	18	11	85	0.01	0.0	1.446	0.028	0	0	0	0		
		B		7.52Y	125.4	0.01	0.63	20.30	4	137	68	89					0	0	0	6		
		C		7.49Y	124.9	-0.00	1.10	4.77	1	32	16	90					0	0	0	3		
PL.28982	PL.12699	A	4/0ACSR	7.50Y	125.0	0.00	1.04	2.88	1	18	11	85	0.01	0.0	1.479	0.033	0	0	0	0		
		B		7.52Y	125.4	0.01	0.64	20.30	4	137	68	89					0	0	0	6		
		C		7.49Y	124.9	-0.00	1.10	3.97	1	26	15	87					0	0	0	2		
PL.28983	PL.28982	A	4/0ACSR	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	1.487	0.008	0	0	0	0		
		B		7.52Y	125.4	0.00	0.64	17.44	4	118	57	90					0	0	0	6		
		C		7.49Y	124.9	-0.00	1.10	1.10	0	7	3	91					0	0	0	2		
PL.21159	PL.28983	A	4/0ACSR	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	1.520	0.033	0	0	0	0		
		B		7.52Y	125.4	0.01	0.65	15.71	3	106	51	90					0	0	0	5		
		C		7.49Y	124.9	-0.00	1.09	1.10	0	7	3	91					0	0	0	2		
PL.12700	PL.21159	A	4/0ACSR	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	1.544	0.024	0	0	0	0		
		B		7.52Y	125.3	0.01	0.66	15.71	3	106	51	90					0	0	0	5		
		C		7.49Y	124.9	-0.00	1.09	0.00	0	0	0	100					0	0	0	0		
PL.20560	PL.12700	A	4/0ACSR	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	1.550	0.006	0	0	0	0		
		B		7.52Y	125.3	0.00	0.66	15.71	3	106	51	90					0	0	0	5		
		C		7.49Y	124.9	-0.00	1.09	0.00	0	0	0	100					0	0	0	0		
629003	PL.20560	B	Consumer	7.52Y	125.3	0.00	0.66	1.49	0	10	5	89	0.00	0.0	1.550	0.000	10	5	1	1		
PL.30975	PL.20560	B	4ACSR	7.52Y	125.3	0.00	0.66	14.11	7	96	46	90	0.00	0.0	1.558	0.008	0	0	0	3		
C PD.2934	PL.30975	B	fuse6AMP	7.52Y	125.3	0.00	0.66	14.11	241	95	46	90	0.00	0.0	1.558	0.000	0	0	0	3		
PL.30976	PD.2934	B	4ACSR	7.52Y	125.3	0.03	0.70	14.11	7	95	46	90	0.03	0.0	1.611	0.053	0	0	0	3		
629004	PL.30976	B	Consumer	7.52Y	125.3	0.00	0.70	5.75	0	39	19	90	0.00	0.0	1.611	0.000	39	19	1	1		
629002	PL.30976	B	Consumer	7.52Y	125.3	0.00	0.70	2.87	0	19	9	90	0.00	0.0	1.611	0.000	19	9	1	1		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
629001	PL.30976	B	Consumer	7.52Y	125.3	0.00	0.70	5.49	0	37	18	90	0.00	0.0	1.611	0.000	37	18	1	1
PL.12701	PL.20560	A	4/0ACSR	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	1.684	0.134	0	0	0	0
		B		7.52Y	125.3	0.00	0.66	0.11	0	1	0	99					0	0	0	1
		C		7.49Y	124.9	-0.00	1.09	0.00	0	0	0	100					0	0	0	0
620001	PL.12701	B	Consumer	7.52Y	125.3	0.00	0.66	0.11	0	1	0	100	0.00	0.0	1.684	0.000	1	0	1	1
PL.3861	PL.21159	C	1/0EPRJCN	7.49Y	124.9	0.00	1.09	1.10	1	7	3	92	0.00	0.0	1.560	0.040	0	0	0	2
629005	PL.3861	C	Consumer	7.49Y	124.9	0.00	1.09	1.11	0	7	4	87	0.00	0.0	1.560	0.000	0	0	1	2
6290007	629005	C	Consumer	7.49Y	124.9	0.00	1.09	1.11	0	7	4	87	0.00	0.0	1.560	0.000	7	4	1	1
628021	PL.28983	B	Consumer	7.52Y	125.4	0.00	0.64	1.74	0	12	6	89	0.00	0.0	1.487	0.000	12	6	1	1
628023	PL.28982	A	Consumer	7.50Y	125.0	0.00	1.04	2.88	0	18	11	85	0.00	0.0	1.479	0.000	18	11	0	0
		B		7.52Y	125.4	0.00	0.64	2.87	0	18	11	85					18	11	0	0
		C		7.49Y	124.9	0.00	1.10	2.88	0	18	11	85					18	11	0	0
PL.24337	PL.12699	C	4ACSR	7.49Y	124.9	0.00	1.10	0.85	0	6	1	99	0.00	0.0	1.503	0.057	0	0	0	1
628008	PL.24337	C	Consumer	7.49Y	124.9	0.00	1.10	0.85	0	6	1	99	0.00	0.0	1.503	0.000	6	1	1	1
628001	PL.12702	C	Consumer	7.49Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	1.412	0.000	0	0	1	1
628017	PL.12702	C	Consumer	7.49Y	124.9	0.00	1.10	0.23	0	2	1	89	0.00	0.0	1.412	0.000	2	1	1	1
PL.38915	PL.16212	C	4ACSR	7.50Y	124.9	0.00	1.05	0.00	0	0	0	100	0.00	0.0	1.349	0.003	0	0	0	0
PD.6767	PL.38915	C	fuse6AMP	7.50Y	124.9	0.00	1.05	0.00	0	0	0	100	0.00	0.0	1.349	0.000	0	0	0	0
PL.38916	PD.6767	C	4ACSR	7.50Y	124.9	0.00	1.05	0.00	0	0	0	100	0.00	0.0	1.408	0.060	0	0	0	0
627003	PL.16212	C	Consumer	7.50Y	124.9	0.00	1.05	0.28	0	2	0	100	0.00	0.0	1.346	0.000	2	0	1	1
627007	PL.16212	C	Consumer	7.50Y	124.9	0.00	1.05	0.19	0	1	0	100	0.00	0.0	1.346	0.000	1	0	1	1
627001	PL.16212	C	Consumer	7.50Y	124.9	0.00	1.05	0.10	0	1	0	100	0.00	0.0	1.346	0.000	1	0	1	1
627008	PL.16212	C	Consumer	7.50Y	124.9	0.00	1.05	0.95	0	7	1	99	0.00	0.0	1.346	0.000	7	1	1	1
PL.38917	PL.12703	C	4ACSR	7.50Y	125.0	0.00	1.03	1.40	1	10	2	98	0.00	0.0	1.309	0.002	0	0	0	1
PD.6768	PL.38917	C	fuse6AMP	7.50Y	125.0	0.00	1.03	1.40	24	10	2	98	0.00	0.0	1.309	0.000	0	0	0	1
PL.38918	PD.6768	C	4ACSR	7.50Y	125.0	0.00	1.03	1.40	1	10	2	98	0.00	0.0	1.371	0.062	0	0	0	1
625901	PL.38918	C	Consumer	7.50Y	125.0	0.00	1.03	1.40	0	10	2	98	0.00	0.0	1.371	0.000	10	2	1	1
626003	PL.12705	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	1.233	0.000	0	0	0	0
626005	PL.12705	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	1.233	0.000	0	0	0	0
626008	PL.12705	C	Consumer	7.50Y	125.0	0.00	0.97	0.33	0	2	0	100	0.00	0.0	1.233	0.000	2	0	1	1
626010	PL.12705	C	Consumer	7.50Y	125.0	0.00	0.97	0.42	0	3	0	100	0.00	0.0	1.233	0.000	3	0	1	1
626002	PL.12705	C	Consumer	7.50Y	125.0	0.00	0.97	0.21	0	2	0	100	0.00	0.0	1.233	0.000	2	0	1	1
625005	PL.12705	C	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	1.233	0.000	0	0	0	0
626004	PL.12705	C	Consumer	7.50Y	125.0	0.00	0.97	0.46	0	3	1	95	0.00	0.0	1.233	0.000	3	1	1	1
PL.38919	PL.12705	C	4ACSR	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	1.236	0.003	0	0	0	0
PD.6769	PL.38919	C	fuse6AMP	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	1.236	0.000	0	0	0	0
PL.38920	PD.6769	C	4ACSR	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	1.301	0.065	0	0	0	0
625003	PL.12704	C	Consumer	7.50Y	125.1	0.00	0.94	0.52	0	4	1	97	0.00	0.0	1.186	0.000	4	1	1	1
PL.16213	PL.12706	C	4ACSR	7.51Y	125.1	0.00	0.85	0.92	0	7	1	99	0.00	0.0	1.068	0.005	0	0	0	1
PD.2922	PL.16213	C	fuse6AMP	7.51Y	125.1	0.00	0.85	0.92	16	7	1	99	0.00	0.0	1.068	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 4 (CLAYCTY4) beginning with device PD.3884.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include various elements like 0194125, PL.45429, PL.42345, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.12935	PL.12933	A	336ACSR	7.55Y	125.9	0.03	0.15	15.97	2	119	19	99	0.20	0.0	1.255	0.104	0	0	0	29
		B		7.47Y	124.5	0.07	1.46	70.85	10	522	92	98					0	0	0	119
		C		7.54Y	125.6	-0.03	0.41	19.27	3	143	25	99					0	0	0	27
019565	PL.12935	A	Consumer	7.55Y	125.9	0.00	0.15	0.00	0	0	0	100	0.00	0.0	1.255	0.000	0	0	0	0
019522	PL.12935	C	Consumer	7.54Y	125.6	0.00	0.41	0.47	0	4	1	97	0.00	0.0	1.255	0.000	4	1	1	1
0195093	PL.12935	C	Consumer	7.54Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	1.255	0.000	0	0	1	1
019577	PL.12935	B	Consumer	7.47Y	124.5	0.00	1.46	0.24	0	2	0	100	0.00	0.0	1.255	0.000	2	0	1	1
PL.12936	PL.12935	A	336ACSR	7.55Y	125.9	0.00	0.15	15.97	2	119	19	99	0.00	0.0	1.255	0.000	0	0	0	29
		B		7.47Y	124.5	0.00	1.46	70.62	10	520	92	98					0	0	0	118
		C		7.54Y	125.6	0.00	0.41	18.80	3	140	24	99					0	0	0	25
PL.12934	PL.12936	A	336ACSR	7.55Y	125.8	0.01	0.15	15.97	2	119	19	99	0.04	0.0	1.278	0.023	0	0	0	29
		B		7.47Y	124.5	0.01	1.47	70.62	10	520	92	98					0	0	0	118
		C		7.54Y	125.6	-0.01	0.41	18.80	3	140	24	99					0	0	0	25
PL.27766	PL.12934	A	4ACSR	7.55Y	125.8	0.00	0.16	15.97	8	119	19	99	0.03	0.0	1.284	0.006	0	0	0	29
		B		7.47Y	124.5	0.01	1.48	46.18	24	340	61	98					0	0	0	79
		C		7.54Y	125.6	0.00	0.41	18.80	10	140	24	99					0	0	0	25
PL.27767	PL.27766	A	336ACSR	7.55Y	125.8	0.01	0.17	15.97	2	119	19	99	0.04	0.0	1.327	0.043	0	0	0	29
		B		7.47Y	124.5	0.02	1.50	46.18	6	340	61	98					0	0	0	79
		C		7.54Y	125.6	-0.00	0.41	18.80	3	140	24	99					0	0	0	25
019503	PL.27767	B	Consumer	7.47Y	124.5	0.00	1.50	0.10	0	1	0	100	0.00	0.0	1.327	0.000	1	0	1	1
019540	PL.27767	B	Consumer	7.47Y	124.5	0.00	1.50	0.55	0	4	1	97	0.00	0.0	1.327	0.000	4	1	1	1
019564	PL.27767	A	Consumer	7.55Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	1.327	0.000	0	0	1	1
019516	PL.27767	B	Consumer	7.47Y	124.5	0.00	1.50	0.29	0	2	0	100	0.00	0.0	1.327	0.000	2	0	1	1
019502	PL.27767	B	Consumer	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	1.327	0.000	0	0	1	1
019576	PL.27767	B	Consumer	7.47Y	124.5	0.00	1.50	0.05	0	0	0	100	0.00	0.0	1.327	0.000	0	0	1	1
PL.45400	PL.27767	A	2ACSR	7.55Y	125.8	0.00	0.17	0.07	0	1	0	100	0.00	0.0	1.378	0.052	0	0	0	1
PL.45401	PL.45400	A	2ACSR	7.55Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	1.421	0.042	0	0	0	0
0195094	PL.45401	A	Consumer	7.55Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	1.421	0.000	0	0	0	0
019513	PL.45400	A	Consumer	7.55Y	125.8	0.00	0.17	0.07	0	1	0	100	0.00	0.0	1.378	0.000	1	0	1	1
PL.43535	PL.27767	A	336ACSR	7.55Y	125.8	0.01	0.17	15.90	2	119	19	99	0.03	0.0	1.366	0.040	0	0	0	27
		B		7.47Y	124.5	0.02	1.52	45.20	6	332	59	98					0	0	0	74
		C		7.54Y	125.6	-0.00	0.40	18.80	3	140	24	99					0	0	0	25
PD.8583	PL.43535	A	70V4E	7.55Y	125.8	0.00	0.17	15.90	0	119	19	99	0.00	0.0	1.366	0.000	0	0	0	27
		B		7.47Y	124.5	0.00	1.52	45.20	0	332	59	98					0	0	0	74
		C		7.54Y	125.6	0.00	0.40	18.80	0	140	24	99					0	0	0	25
PL.43536	PD.8583	A	336ACSR	7.55Y	125.8	0.03	0.21	15.90	2	119	19	99	0.15	0.0	1.550	0.183	0	0	0	27
		B		7.46Y	124.4	0.07	1.59	45.20	6	332	59	98					0	0	0	74
		C		7.54Y	125.6	-0.01	0.39	18.80	3	140	24	99					0	0	0	25
PL.42281	PL.43536	A	336ACSR	7.55Y	125.8	0.03	0.24	15.31	2	114	18	99	0.13	0.0	1.716	0.166	0	0	0	26
		B		7.46Y	124.3	0.07	1.65	44.65	6	328	58	98					0	0	0	73
		C		7.54Y	125.6	-0.01	0.38	18.80	3	140	24	99					0	0	0	25
PL.42286	PL.42281	C	4ACSR	7.54Y	125.6	0.00	0.38	2.02	1	15	2	99	0.00	0.0	1.722	0.006	0	0	0	2
PD.1938	PL.42286	C	fuse6AMP	7.54Y	125.6	0.00	0.38	2.02	35	15	2	99	0.00	0.0	1.722	0.000	0	0	0	2
PL.42287	PD.1938	C	4ACSR	7.54Y	125.6	0.01	0.38	2.02	1	15	2	99	0.00	0.0	1.783	0.062	0	0	0	2
018570	PL.42287	C	Consumer	7.54Y	125.6	0.00	0.38	0.93	0	7	1	99	0.00	0.0	1.783	0.000	7	1	1	1
018566	PL.42287	C	Consumer	7.54Y	125.6	0.00	0.38	1.10	0	8	1	99	0.00	0.0	1.783	0.000	8	1	1	1
018565	PL.42281	A	Consumer	7.55Y	125.8	0.00	0.24	0.08	0	1	0	100	0.00	0.0	1.716	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like 0185086, PL.42284, PD.7677, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
018522	PL.12948	A	Consumer	7.54Y	125.7	0.00	0.35	0.00	0	0	0	100	0.00	0.0	2.208	0.000	0	0	1	1
018501	PL.12948	A	Consumer	7.54Y	125.7	0.00	0.35	0.75	0	6	1	99	0.00	0.0	2.208	0.000	6	1	1	1
0185087	PL.12948	A	Consumer	7.54Y	125.7	0.00	0.35	0.00	0	0	0	100	0.00	0.0	2.208	0.000	0	0	0	0
PL.12949	PL.12948	A	336ACSR	7.54Y	125.6	0.00	0.35	3.89	1	29	5	99	0.02	0.0	2.228	0.021	0	0	0	5
		B		7.45Y	124.2	0.01	1.85	44.65	6	328	57	99					0	0	0	73
		C		7.54Y	125.7	-0.01	0.27	3.67	1	27	6	98					0	0	0	6
PL.1693	PL.12949	A	4ACSR	7.54Y	125.6	0.01	0.36	1.40	1	10	2	98	0.00	0.0	2.366	0.137	0	0	0	1
018572	PL.1693	A	Consumer	7.54Y	125.6	0.00	0.36	0.00	0	0	0	100	0.00	0.0	2.366	0.000	0	0	0	0
PL.33973	PL.1693	A	2ACSR	7.54Y	125.6	0.00	0.36	1.40	1	10	2	98	0.00	0.0	2.445	0.079	0	0	0	1
0185083	PL.33973	A	Consumer	7.54Y	125.6	0.00	0.36	1.40	0	10	2	98	0.00	0.0	2.445	0.000	10	2	1	1
PL.12950	PL.12949	A	336ACSR	7.54Y	125.6	0.01	0.36	2.49	0	19	3	99	0.03	0.0	2.264	0.036	0	0	0	4
		B		7.45Y	124.1	0.02	1.86	44.65	6	328	57	99					0	0	0	73
		C		7.54Y	125.7	-0.01	0.26	3.67	1	27	6	98					0	0	0	6
PL.17125	PL.12950	C	4ACSR	7.54Y	125.7	0.00	0.26	3.67	2	27	6	98	0.00	0.0	2.275	0.010	0	0	0	6
PD.1944	PL.17125	C	fuse6AMP	7.54Y	125.7	0.00	0.26	3.67	63	27	6	98	0.00	0.0	2.275	0.000	0	0	0	6
PL.45353	PD.1944	C	4ACSR	7.54Y	125.7	0.01	0.27	3.67	2	27	6	98	0.00	0.0	2.312	0.037	0	0	0	6
PL.45354	PL.45353	C	4ACSR	7.54Y	125.7	0.01	0.28	3.40	2	25	6	97	0.00	0.0	2.394	0.082	0	0	0	5
PL.12951	PL.45354	C	4ACSR	7.54Y	125.7	0.01	0.29	2.97	2	22	5	98	0.00	0.0	2.462	0.068	0	0	0	4
PL.1670	PL.12951	C	4ACSR	7.54Y	125.7	0.00	0.29	1.64	1	12	4	95	0.00	0.0	2.524	0.063	0	0	0	3
PL.1669	PL.1670	C	4ACSR	7.54Y	125.7	0.00	0.30	1.64	1	12	4	95	0.00	0.0	2.566	0.041	0	0	0	3
018558	PL.1669	C	Consumer	7.54Y	125.7	0.00	0.30	0.21	0	1	1	71	0.00	0.0	2.566	0.000	1	1	1	1
018575	PL.1669	C	Consumer	7.54Y	125.7	0.00	0.30	0.86	0	6	1	99	0.00	0.0	2.566	0.000	6	1	1	1
018562	PL.1669	C	Consumer	7.54Y	125.7	0.00	0.30	0.59	0	4	2	89	0.00	0.0	2.566	0.000	4	2	1	1
PL.12952	PL.12951	C	4ACSR	7.54Y	125.7	0.01	0.29	1.34	1	10	2	98	0.00	0.0	2.549	0.088	0	0	0	1
018563	PL.12952	C	Consumer	7.54Y	125.7	0.00	0.29	1.34	0	10	2	98	0.00	0.0	2.549	0.000	10	2	1	1
PL.1679	PL.45354	C	4ACSR	7.54Y	125.7	0.00	0.28	0.43	0	3	1	95	0.00	0.0	2.507	0.113	0	0	0	1
018576	PL.1679	C	Consumer	7.54Y	125.7	0.00	0.28	0.43	0	3	1	95	0.00	0.0	2.507	0.000	3	1	1	1
018518	PL.45353	C	Consumer	7.54Y	125.7	0.00	0.27	0.27	0	2	0	100	0.00	0.0	2.312	0.000	2	0	1	1
PL.17123	PL.12950	A	4ACSR	7.54Y	125.6	0.00	0.36	2.49	1	19	3	99	0.00	0.0	2.270	0.006	0	0	0	4
PD.1943	PL.17123	A	fuse6AMP	7.54Y	125.6	0.00	0.36	2.49	43	19	3	99	0.00	0.0	2.270	0.000	0	0	0	4
PL.17124	PD.1943	A	4ACSR	7.54Y	125.6	0.01	0.36	2.49	1	19	3	99	0.00	0.0	2.321	0.050	0	0	0	4
018557	PL.17124	A	Consumer	7.54Y	125.6	0.00	0.36	0.01	0	0	0	100	0.00	0.0	2.321	0.000	0	0	1	1
018510	PL.17124	A	Consumer	7.54Y	125.6	0.00	0.36	0.34	0	3	0	100	0.00	0.0	2.321	0.000	3	0	1	1
PL.1668	PL.17124	A	4ACSR	7.54Y	125.6	0.00	0.36	2.14	1	16	3	98	0.00	0.0	2.338	0.018	0	0	0	2
PL.1671	PL.1668	A	4ACSR	7.54Y	125.6	0.00	0.37	2.14	1	16	3	98	0.00	0.0	2.370	0.032	0	0	0	2
018573	PL.1671	A	Consumer	7.54Y	125.6	0.00	0.37	0.63	0	5	1	98	0.00	0.0	2.370	0.000	5	1	1	1
PL.23754	PL.1671	A	4ACSR	7.54Y	125.6	0.01	0.37	1.51	1	11	2	98	0.00	0.0	2.489	0.119	0	0	0	1
018577	PL.23754	A	Consumer	7.54Y	125.6	0.00	0.37	1.51	0	11	2	98	0.00	0.0	2.489	0.000	11	2	1	1
PL.6104	PL.12950	B	4ACSR	7.44Y	124.0	0.09	1.95	44.65	23	328	57	99	0.23	0.1	2.312	0.048	0	0	0	73
018519	PL.6104	B	Consumer	7.44Y	124.0	0.00	1.95	0.40	0	3	0	100	0.00	0.0	2.312	0.000	3	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.28908	PL.6104	B	4ACSR	7.44Y	124.0	0.00	1.95	44.25	23	325	56	99	0.00	0.0	2.312	0.000	0	0	0	72
PL.28909	PL.28908	B	4ACSR	7.44Y	123.9	0.12	2.08	44.25	23	325	56	99	0.30	0.1	2.377	0.065	0	0	0	72
018551	PL.28909	B	Consumer	7.44Y	123.9	0.00	2.08	0.89	0	7	1	99	0.00	0.0	2.377	0.000	7	1	1	1
018509	PL.28909	B	Consumer	7.44Y	123.9	0.00	2.08	0.30	0	2	0	100	0.00	0.0	2.377	0.000	2	0	1	1
018516	PL.28909	B	Consumer	7.44Y	123.9	0.00	2.08	0.36	0	3	0	100	0.00	0.0	2.377	0.000	3	0	1	1
PL.12953	PL.28909	B	4ACSR	7.43Y	123.8	0.15	2.23	42.70	22	313	54	99	0.35	0.1	2.457	0.080	0	0	0	69
PL.12954	PL.12953	B	4ACSR	7.42Y	123.7	0.06	2.29	41.98	22	307	53	99	0.14	0.0	2.490	0.034	0	0	0	66
018539	PL.12954	B	Consumer	7.42Y	123.7	0.00	2.29	1.35	0	10	2	98	0.00	0.0	2.490	0.000	10	2	1	1
018582	PL.12954	B	Consumer	7.42Y	123.7	0.00	2.29	1.32	0	10	2	98	0.00	0.0	2.490	0.000	10	2	1	1
018507	PL.12954	B	Consumer	7.42Y	123.7	0.00	2.29	0.21	0	2	0	100	0.00	0.0	2.490	0.000	2	0	1	1
018556	PL.12954	B	Consumer	7.42Y	123.7	0.00	2.29	1.20	0	9	1	99	0.00	0.0	2.490	0.000	9	1	1	1
PL.18894	PL.12954	B	4ACSR	7.42Y	123.7	0.01	2.30	37.90	20	277	48	99	0.02	0.0	2.497	0.007	0	0	0	62
PD.158-A	PL.18894	B	Closed	7.42Y	123.7	0.00	2.30	37.90	0	277	48	99	0.00	0.0	2.497	0.000	0	0	0	62
PD.158-B	PD.158-A	B	Closed	7.42Y	123.7	0.00	2.30	37.90	0	277	48	99	0.00	0.0	2.497	0.000	0	0	0	62
PL.18895	PD.158-B	B	4ACSR	7.42Y	123.6	0.05	2.35	37.90	20	277	48	99	0.11	0.0	2.530	0.033	0	0	0	62
PL.12955	PL.18895	B	4ACSR	7.41Y	123.4	0.22	2.57	36.37	19	266	47	98	0.44	0.2	2.668	0.138	0	0	0	58
017508	PL.12955	B	Consumer	7.41Y	123.4	0.00	2.57	0.47	0	3	1	95	0.00	0.0	2.668	0.000	3	1	1	1
PL.12956	PL.12955	B	4ACSR	7.40Y	123.4	0.06	2.63	35.91	19	262	46	98	0.13	0.0	2.709	0.041	0	0	0	57
PL.6106	PL.12956	B	4ACSR	7.40Y	123.3	0.04	2.67	35.38	18	258	45	99	0.08	0.0	2.736	0.027	0	0	0	55
017531	PL.6106	B	Consumer	7.40Y	123.3	0.00	2.67	0.77	0	6	1	99	0.00	0.0	2.736	0.000	6	1	1	1
017501	PL.6106	B	Consumer	7.40Y	123.3	0.00	2.67	0.42	0	3	0	100	0.00	0.0	2.736	0.000	3	0	1	1
PL.18741	PL.6106	B	4ACSR	7.40Y	123.3	0.00	2.68	1.75	1	13	2	99	0.00	0.0	2.749	0.013	0	0	0	3
PD.1945	PL.18741	B	fuse6AMP	7.40Y	123.3	0.00	2.68	1.75	30	13	2	99	0.00	0.0	2.749	0.000	0	0	0	3
PL.18742	PD.1945	B	4ACSR	7.40Y	123.3	0.00	2.68	1.75	1	13	2	99	0.00	0.0	2.795	0.046	0	0	0	3
017522	PL.18742	B	Consumer	7.40Y	123.3	0.00	2.68	0.29	0	2	0	100	0.00	0.0	2.795	0.000	2	0	1	1
017520	PL.18742	B	Consumer	7.40Y	123.3	0.00	2.68	1.42	0	10	2	98	0.00	0.0	2.795	0.000	10	2	1	1
017527	PL.18742	B	Consumer	7.40Y	123.3	0.00	2.68	0.03	0	0	0	100	0.00	0.0	2.795	0.000	0	0	1	1
PL.12957	PL.6106	B	4ACSR	7.40Y	123.3	0.04	2.71	25.40	13	185	33	98	0.05	0.0	2.768	0.032	0	0	0	42
PL.12958	PL.12957	B	4ACSR	7.39Y	123.2	0.10	2.81	25.40	13	185	33	98	0.14	0.1	2.861	0.093	0	0	0	42
017509	PL.12958	B	Consumer	7.39Y	123.2	0.00	2.81	0.67	0	5	1	98	0.00	0.0	2.861	0.000	5	1	1	1
PL.6105	PL.12958	B	4ACSR	7.39Y	123.2	0.04	2.85	24.73	13	180	32	98	0.05	0.0	2.895	0.034	0	0	0	41
PL.19923	PL.6105	B	4ACSR	7.39Y	123.1	0.06	2.91	23.19	12	169	30	98	0.07	0.0	2.952	0.057	0	0	0	38
PD.3369	PL.19923	B	50V4E	7.39Y	123.1	0.00	2.91	23.19	0	169	30	98	0.00	0.0	2.952	0.000	0	0	0	38
PL.20323	PD.3369	B	4ACSR	7.39Y	123.1	0.01	2.91	23.19	12	169	30	98	0.01	0.0	2.958	0.006	0	0	0	38
017503	PL.20323	B	Consumer	7.39Y	123.1	0.00	2.91	0.33	0	2	0	100	0.00	0.0	2.958	0.000	2	0	1	1
PL.12959	PL.20323	B	4ACSR	7.38Y	123.0	0.08	2.99	22.86	12	166	30	98	0.10	0.1	3.038	0.080	0	0	0	37
PL.33876	PL.12959	B	4ACSR	7.37Y	122.9	0.10	3.10	19.01	10	138	23	99	0.11	0.1	3.166	0.127	0	0	0	31
PL.33877	PL.33876	B	4ACSR	7.37Y	122.8	0.09	3.19	18.99	10	138	23	99	0.09	0.1	3.274	0.109	0	0	0	30

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
017545	PL.33877	B	Consumer	7.37Y	122.8	0.00	3.19	0.86	0	6	1	99	0.00	0.0	3.274	0.000	6	1	1	1
PL.6133	PL.33877	B	4ACSR	7.37Y	122.8	0.06	3.24	18.13	9	132	22	99	0.06	0.0	3.347	0.073	0	0	0	29
PL.6109	PL.6133	B	4ACSR	7.36Y	122.7	0.06	3.31	17.69	9	129	21	99	0.06	0.0	3.431	0.084	0	0	0	28
017524	PL.6109	B	Consumer	7.36Y	122.7	0.00	3.31	0.00	0	0	0	100	0.00	0.0	3.431	0.000	0	0	0	0
017507	PL.6109	B	Consumer	7.36Y	122.7	0.00	3.31	0.77	0	6	1	99	0.00	0.0	3.431	0.000	6	1	1	1
PL.12961	PL.6109	B	4ACSR	7.36Y	122.6	0.05	3.35	16.92	9	123	20	99	0.04	0.0	3.495	0.064	0	0	0	27
PL.12962	PL.12961	B	4ACSR	7.36Y	122.6	0.03	3.39	16.92	9	123	20	99	0.03	0.0	3.541	0.046	0	0	0	27
PL.33768	PL.12962	B	4ACSR	7.36Y	122.6	0.00	3.39	0.08	0	1	0	100	0.00	0.0	3.561	0.020	0	0	0	1
PD.4031	PL.33768	B	fuse6AMP	7.36Y	122.6	0.00	3.39	0.08	1	1	0	100	0.00	0.0	3.561	0.000	0	0	0	1
PL.33769	PD.4031	B	4ACSR	7.36Y	122.6	0.00	3.39	0.08	0	1	0	100	0.00	0.0	3.647	0.086	0	0	0	1
017511	PL.33769	B	Consumer	7.36Y	122.6	0.00	3.39	0.08	0	1	0	100	0.00	0.0	3.647	0.000	1	0	1	1
017539	PL.12962	B	Consumer	7.36Y	122.6	0.00	3.39	0.00	0	0	0	100	0.00	0.0	3.541	0.000	0	0	0	0
017513	PL.12962	B	Consumer	7.36Y	122.6	0.00	3.39	0.89	0	6	1	99	0.00	0.0	3.541	0.000	6	1	1	1
017526	PL.12962	B	Consumer	7.36Y	122.6	0.00	3.39	0.61	0	4	1	97	0.00	0.0	3.541	0.000	4	1	1	1
PL.33766	PL.12962	B	4ACSR	7.36Y	122.6	0.00	3.39	1.91	1	14	2	99	0.00	0.0	3.552	0.012	0	0	0	3
PD.4030	PL.33766	B	fuse6AMP	7.36Y	122.6	0.00	3.39	1.91	33	14	2	99	0.00	0.0	3.552	0.000	0	0	0	3
PL.33767	PD.4030	B	4ACSR	7.36Y	122.6	0.00	3.39	1.91	1	14	2	99	0.00	0.0	3.598	0.046	0	0	0	3
017544	PL.33767	B	Consumer	7.36Y	122.6	0.00	3.39	1.01	0	7	1	99	0.00	0.0	3.598	0.000	7	1	1	1
017512	PL.33767	B	Consumer	7.36Y	122.6	0.00	3.39	0.49	0	4	1	97	0.00	0.0	3.598	0.000	4	1	1	1
017519	PL.33767	B	Consumer	7.36Y	122.6	0.00	3.39	0.41	0	3	0	100	0.00	0.0	3.598	0.000	3	0	1	1
PL.19201	PL.12962	B	4ACSR	7.35Y	122.6	0.03	3.42	13.43	7	97	16	99	0.02	0.0	3.597	0.057	0	0	0	21
PL.19202	PL.19201	B	4ACSR	7.35Y	122.6	0.03	3.45	13.43	7	97	16	99	0.02	0.0	3.641	0.044	0	0	0	21
017550	PL.19202	B	Consumer	7.35Y	122.6	0.00	3.45	1.07	0	8	1	99	0.00	0.0	3.641	0.000	8	1	1	1
017506	PL.19202	B	Consumer	7.35Y	122.6	0.00	3.45	0.61	0	4	1	97	0.00	0.0	3.641	0.000	4	1	1	1
PL.6111	PL.19202	B	4ACSR	7.35Y	122.5	0.03	3.48	8.58	4	62	11	98	0.01	0.0	3.725	0.084	0	0	0	16
PL.33772	PL.6111	B	4ACSR	7.35Y	122.5	0.00	3.48	0.30	0	2	0	100	0.00	0.0	3.733	0.008	0	0	0	1
PD.4033	PL.33772	B	fuse6AMP	7.35Y	122.5	0.00	3.48	0.30	5	2	0	100	0.00	0.0	3.733	0.000	0	0	0	1
PL.33773	PD.4033	B	4ACSR	7.35Y	122.5	0.00	3.48	0.30	0	2	0	100	0.00	0.0	3.771	0.038	0	0	0	1
PL.434	PL.33773	B	4ACSR	7.35Y	122.5	0.00	3.48	0.30	0	2	0	100	0.00	0.0	3.906	0.134	0	0	0	1
PL.435	PL.434	B	4ACSR	7.35Y	122.5	0.00	3.48	0.00	0	0	0	100	0.00	0.0	3.999	0.093	0	0	0	0
017604	PL.434	B	Consumer	7.35Y	122.5	0.00	3.48	0.30	0	2	0	100	0.00	0.0	3.906	0.000	2	0	1	1
PL.69	PL.6111	B	4ACSR	7.35Y	122.5	0.02	3.50	8.28	4	60	10	99	0.01	0.0	3.793	0.069	0	0	0	15
PL.64	PL.69	B	4ACSR	7.35Y	122.5	0.03	3.53	8.28	4	60	10	99	0.01	0.0	3.871	0.078	0	0	0	15
PL.5871	PL.64	B	4ACSR	7.35Y	122.5	0.01	3.54	6.40	3	46	8	99	0.00	0.0	3.914	0.043	0	0	0	11
016652	PL.5871	B	Consumer	7.35Y	122.5	0.00	3.54	0.00	0	0	0	100	0.00	0.0	3.914	0.000	0	0	0	0
PL.5872	PL.5871	B	4ACSR	7.35Y	122.4	0.03	3.58	6.40	3	46	8	99	0.01	0.0	4.037	0.123	0	0	0	11
PL.39617	PL.5872	B	2ACSR	7.35Y	122.4	0.00	3.58	1.50	1	11	2	98	0.00	0.0	4.071	0.034	0	0	0	3
016629	PL.39617	B	Consumer	7.35Y	122.4	0.00	3.58	0.44	0	3	1	95	0.00	0.0	4.071	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
0166071	PL.39617	B	Consumer	7.35Y	122.4	0.00	3.58	0.02	0	0	0	100	0.00	0.0	4.071	0.000	0	0	1	1
PL.39618	PL.39617	B	2ACSR	7.35Y	122.4	0.00	3.58	1.05	0	8	1	99	0.00	0.0	4.100	0.029	0	0	0	1
016630	PL.39618	B	Consumer	7.35Y	122.4	0.00	3.58	1.05	0	8	1	99	0.00	0.0	4.100	0.000	0	0	0	1
016646	016630	B	Consumer	7.35Y	122.4	0.00	3.58	1.05	0	8	1	99	0.00	0.0	4.100	0.000	8	1	1	1
016619	PL.5872	B	Consumer	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	4.037	0.000	0	0	0	0
016622	PL.5872	B	Consumer	7.35Y	122.4	0.00	3.58	0.50	0	4	1	97	0.00	0.0	4.037	0.000	4	1	1	1
016611	PL.5872	B	Consumer	7.35Y	122.4	0.00	3.58	0.03	0	0	0	100	0.00	0.0	4.037	0.000	0	0	1	1
016621	PL.5872	B	Consumer	7.35Y	122.4	0.00	3.58	1.89	0	14	2	99	0.00	0.0	4.037	0.000	14	2	1	1
016631	PL.5872	B	Consumer	7.35Y	122.4	0.00	3.58	1.47	0	11	2	98	0.00	0.0	4.037	0.000	11	2	1	1
016635	PL.5872	B	Consumer	7.35Y	122.4	0.00	3.58	0.28	0	2	0	100	0.00	0.0	4.037	0.000	2	0	1	1
PL.5854	PL.5872	B	4ACSR	7.35Y	122.4	0.00	3.58	0.74	0	5	1	98	0.00	0.0	4.135	0.098	0	0	0	3
016645	PL.5854	B	Consumer	7.35Y	122.4	0.00	3.58	0.22	0	1	1	71	0.00	0.0	4.135	0.000	1	1	1	1
016647	PL.5854	B	Consumer	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	4.135	0.000	0	0	0	0
PL.12963	PL.5854	B	4ACSR	7.35Y	122.4	0.00	3.58	0.52	0	4	1	97	0.00	0.0	4.194	0.059	0	0	0	2
PL.12964	PL.12963	B	4ACSR	7.35Y	122.4	0.00	3.58	0.05	0	0	0	100	0.00	0.0	4.241	0.047	0	0	0	1
PL.41646	PL.12964	B	4ACSR	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	4.334	0.094	0	0	0	0
PD.7486-A	PL.41646	B	Open	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	4.334	0.000	0	0	0	0
016644	PL.12964	B	Consumer	7.35Y	122.4	0.00	3.58	0.05	0	0	0	100	0.00	0.0	4.241	0.000	0	0	1	1
PL.43689	PL.12964	B	4ACSR	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	4.250	0.010	0	0	0	0
PD.8310	PL.43689	B	fuse6AMP	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	4.250	0.000	0	0	0	0
PL.43690	PD.8310	B	4ACSR	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	4.285	0.035	0	0	0	0
016613	PL.12963	B	Consumer	7.35Y	122.4	0.00	3.58	0.48	0	3	1	95	0.00	0.0	4.194	0.000	3	1	1	1
016620	PL.64	B	Consumer	7.35Y	122.5	0.00	3.53	0.02	0	0	0	100	0.00	0.0	3.871	0.000	0	0	1	1
016650	PL.64	B	Consumer	7.35Y	122.5	0.00	3.53	0.77	0	6	1	99	0.00	0.0	3.871	0.000	6	1	1	1
016607	PL.64	B	Consumer	7.35Y	122.5	0.00	3.53	0.42	0	3	0	100	0.00	0.0	3.871	0.000	3	0	1	1
016608	PL.64	B	Consumer	7.35Y	122.5	0.00	3.53	0.66	0	5	1	98	0.00	0.0	3.871	0.000	5	1	1	1
016617	PL.64	B	Consumer	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	3.871	0.000	0	0	0	0
PL.18473	PL.19202	B	4ACSR	7.35Y	122.6	0.00	3.45	3.18	2	23	4	99	0.00	0.0	3.648	0.006	0	0	0	3
PD.159-A	PL.18473	B	Closed	7.35Y	122.6	0.00	3.45	3.18	0	23	4	99	0.00	0.0	3.648	0.000	0	0	0	3
PD.159-B	PD.159-A	B	Closed	7.35Y	122.6	0.00	3.45	3.18	0	23	4	99	0.00	0.0	3.648	0.000	0	0	0	3
PL.33770	PD.159-B	B	4ACSR	7.35Y	122.6	0.00	3.45	3.18	2	23	4	99	0.00	0.0	3.654	0.007	0	0	0	3
PD.4032	PL.33770	B	fuse6AMP	7.35Y	122.6	0.00	3.45	3.18	54	23	4	99	0.00	0.0	3.654	0.000	0	0	0	3
PL.33771	PD.4032	B	4ACSR	7.35Y	122.5	0.01	3.46	3.18	2	23	4	99	0.00	0.0	3.711	0.056	0	0	0	3
017538	PL.33771	B	Consumer	7.35Y	122.5	0.00	3.46	1.10	0	8	1	99	0.00	0.0	3.711	0.000	8	1	1	1
017514	PL.33771	B	Consumer	7.35Y	122.5	0.00	3.46	1.10	0	8	1	99	0.00	0.0	3.711	0.000	8	1	1	1
017530	PL.33771	B	Consumer	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	3.711	0.000	0	0	0	0
017542	PL.33771	B	Consumer	7.35Y	122.5	0.00	3.46	0.98	0	7	1	99	0.00	0.0	3.711	0.000	7	1	1	1
017518	PL.19201	B	Consumer	7.35Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	3.597	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.1691	PL.12961	B	4ACSR	7.36Y	122.6	0.00	3.35	0.00	0	0	0	100	0.00	0.0	3.556	0.061	0	0	0	0
017535	PL.6133	B	Consumer	7.37Y	122.8	0.00	3.24	0.44	0	3	1	95	0.00	0.0	3.347	0.000	3	1	1	1
0175055	PL.33876	B	Consumer	7.37Y	122.9	0.00	3.10	0.00	0	0	0	100	0.00	0.0	3.166	0.000	0	0	0	0
0175051	PL.33876	B	Consumer	7.37Y	122.9	0.00	3.10	0.02	0	0	0	100	0.00	0.0	3.166	0.000	0	0	1	1
PL.33764	PL.12959	B	4ACSR	7.38Y	123.0	0.00	2.99	3.86	2	28	7	97	0.00	0.0	3.046	0.008	0	0	0	6
PD.4029	PL.33764	B	fuse6AMP	7.38Y	123.0	0.00	2.99	3.86	66	28	7	97	0.00	0.0	3.046	0.000	0	0	0	6
PL.45230	PD.4029	B	4ACSR	7.38Y	123.0	0.00	2.99	3.86	2	28	7	97	0.00	0.0	3.053	0.007	0	0	0	6
PL.45231	PL.45230	B	4ACSR	7.38Y	123.0	0.00	3.00	1.37	1	9	4	91	0.00	0.0	3.093	0.040	0	0	0	2
PL.1673	PL.45231	B	4ACSR	7.38Y	123.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	3.145	0.052	0	0	0	0
PL.1674	PL.1673	B	4ACSR	7.38Y	123.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	3.190	0.045	0	0	0	0
017546	PL.1674	B	Consumer	7.38Y	123.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	3.190	0.000	0	0	0	0
PL.6107	PL.45231	B	4ACSR	7.38Y	123.0	0.00	3.00	1.37	1	9	4	91	0.00	0.0	3.115	0.022	0	0	0	2
017504	PL.6107	B	Consumer	7.38Y	123.0	0.00	3.00	0.19	0	1	0	100	0.00	0.0	3.115	0.000	1	0	1	1
PL.6108	PL.6107	B	4ACSR	7.38Y	123.0	0.00	3.00	1.19	1	8	4	89	0.00	0.0	3.148	0.033	0	0	0	1
PL.42299	PL.6108	B	2ACSR	7.38Y	123.0	0.02	3.02	1.19	0	8	4	89	0.00	0.0	3.595	0.447	0	0	0	1
0175054	PL.42299	B	Consumer	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	3.595	0.000	0	0	0	0
0175056	0175054	B	Consumer	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	3.595	0.000	0	0	0	0
017510	PL.42299	B	Consumer	7.38Y	123.0	0.00	3.02	1.19	0	8	4	89	0.00	0.0	3.595	0.000	8	4	1	1
PL.45229	PL.45230	B	4ACSR	7.38Y	123.0	0.01	3.00	2.52	1	18	3	99	0.00	0.0	3.146	0.093	0	0	0	4
017534	PL.45229	B	Consumer	7.38Y	123.0	0.00	3.00	0.26	0	2	0	100	0.00	0.0	3.146	0.000	2	0	1	1
017523	PL.45229	B	Consumer	7.38Y	123.0	0.00	3.00	0.24	0	2	0	100	0.00	0.0	3.146	0.000	2	0	1	1
017540	PL.45229	B	Consumer	7.38Y	123.0	0.00	3.00	1.01	0	7	1	99	0.00	0.0	3.146	0.000	7	1	1	1
017532	PL.45229	B	Consumer	7.38Y	123.0	0.00	3.00	1.00	0	7	1	99	0.00	0.0	3.146	0.000	7	1	1	1
PL.1683	PL.6105	B	4ACSR	7.39Y	123.1	0.00	2.85	0.77	0	6	1	99	0.00	0.0	2.943	0.048	0	0	0	1
017525	PL.1683	B	Consumer	7.39Y	123.1	0.00	2.85	0.77	0	6	1	99	0.00	0.0	2.943	0.000	6	1	1	1
PL.20723	PL.6105	B	4ACSR	7.39Y	123.2	0.00	2.85	0.77	0	6	1	99	0.00	0.0	2.917	0.022	0	0	0	2
PD.3475	PL.20723	B	fuse6AMP	7.39Y	123.2	0.00	2.85	0.77	13	6	1	99	0.00	0.0	2.917	0.000	0	0	0	2
PL.20724	PD.3475	B	4ACSR	7.39Y	123.1	0.00	2.85	0.77	0	6	1	99	0.00	0.0	2.962	0.045	0	0	0	2
017517	PL.20724	B	Consumer	7.39Y	123.1	0.00	2.85	0.31	0	2	0	100	0.00	0.0	2.962	0.000	2	0	1	1
017505	PL.20724	B	Consumer	7.39Y	123.1	0.00	2.85	0.46	0	3	1	95	0.00	0.0	2.962	0.000	3	1	1	1
PL.17485	PL.12957	B	4ACSR	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	2.777	0.009	0	0	0	0
PD.1947	PL.17485	B	fuse6AMP	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	2.777	0.000	0	0	0	0
PL.17486	PD.1947	B	4ACSR	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	2.830	0.053	0	0	0	0
017529	PL.17486	B	Consumer	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	2.830	0.000	0	0	0	0
PL.27695	PL.6106	B	4ACSR	7.40Y	123.3	0.00	2.68	7.05	4	52	8	99	0.00	0.0	2.743	0.007	0	0	0	8
C PD.1946	PL.27695	B	fuse6AMP	7.40Y	123.3	0.00	2.68	7.05	120	52	8	99	0.00	0.0	2.743	0.000	0	0	0	8 C
PL.27696	PD.1946	B	4ACSR	7.40Y	123.3	0.01	2.69	7.05	4	52	8	99	0.00	0.0	2.785	0.042	0	0	0	8
PL.4495	PL.27696	B	4ACSR	7.40Y	123.3	0.01	2.69	5.91	3	43	7	99	0.00	0.0	2.804	0.020	0	0	0	7

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
017549	PL.4495	B	Consumer	7.40Y	123.3	0.00	2.69	0.99	0	7	1	99	0.00	0.0	2.804	0.000	7	1	1	1
017533	PL.4495	B	Consumer	7.40Y	123.3	0.00	2.69	0.27	0	2	0	100	0.00	0.0	2.804	0.000	2	0	1	1
017516	PL.4495	B	Consumer	7.40Y	123.3	0.00	2.69	0.10	0	1	0	100	0.00	0.0	2.804	0.000	1	0	1	1
017536	PL.4495	B	Consumer	7.40Y	123.3	0.00	2.69	0.01	0	0	0	100	0.00	0.0	2.804	0.000	0	0	1	1
PL.1688	PL.4495	B	4ACSR	7.40Y	123.3	0.01	2.71	4.54	2	33	5	99	0.00	0.0	2.868	0.064	0	0	0	3
PL.33993	PL.1688	B	2ACSR	7.40Y	123.3	0.00	2.71	1.26	0	9	1	99	0.00	0.0	2.913	0.045	0	0	0	1
0175053	PL.33993	B	Consumer	7.40Y	123.3	0.00	2.71	1.26	0	9	1	99	0.00	0.0	2.913	0.000	9	1	1	1
0175052	PL.33993	B	Consumer	7.40Y	123.3	0.00	2.71	0.00	0	0	0	100	0.00	0.0	2.913	0.000	0	0	0	0
017548	PL.1688	B	Consumer	7.40Y	123.3	0.00	2.71	0.99	0	7	1	99	0.00	0.0	2.868	0.000	7	1	1	1
017547	PL.1688	B	Consumer	7.40Y	123.3	0.00	2.71	2.29	0	17	3	98	0.00	0.0	2.868	0.000	17	3	1	1
017543	PL.27696	B	Consumer	7.40Y	123.3	0.00	2.69	1.14	0	8	1	99	0.00	0.0	2.785	0.000	8	1	1	1
017515	PL.12956	B	Consumer	7.40Y	123.4	0.00	2.63	0.21	0	1	0	100	0.00	0.0	2.709	0.000	1	0	1	1
017541	PL.12956	B	Consumer	7.40Y	123.4	0.00	2.63	0.33	0	2	0	100	0.00	0.0	2.709	0.000	2	0	1	1
018521	PL.18895	B	Consumer	7.42Y	123.6	0.00	2.35	0.90	0	7	1	99	0.00	0.0	2.530	0.000	7	1	1	1
018506	PL.18895	B	Consumer	7.42Y	123.6	0.00	2.35	0.11	0	1	0	100	0.00	0.0	2.530	0.000	1	0	1	1
018512	PL.18895	B	Consumer	7.42Y	123.6	0.00	2.35	0.24	0	2	0	100	0.00	0.0	2.530	0.000	2	0	1	1
018549	PL.18895	B	Consumer	7.42Y	123.6	0.00	2.35	0.27	0	2	0	100	0.00	0.0	2.530	0.000	2	0	1	1
018560	PL.12953	B	Consumer	7.43Y	123.8	0.00	2.23	0.20	0	1	0	100	0.00	0.0	2.457	0.000	1	0	1	1
018528	PL.12953	B	Consumer	7.43Y	123.8	0.00	2.23	0.40	0	3	0	100	0.00	0.0	2.457	0.000	3	0	1	1
018559	PL.12953	B	Consumer	7.43Y	123.8	0.00	2.23	0.12	0	1	0	100	0.00	0.0	2.457	0.000	1	0	1	1
PL.16845	PL.12947	A	4ACSR	7.54Y	125.7	0.00	0.34	1.09	1	8	1	99	0.00	0.0	2.191	0.008	0	0	0	2
PD.1942	PL.16845	A	fuse6AMP	7.54Y	125.7	0.00	0.34	1.09	19	8	1	99	0.00	0.0	2.191	0.000	0	0	0	2
PL.16846	PD.1942	A	4ACSR	7.54Y	125.7	0.01	0.35	1.09	1	8	1	99	0.00	0.0	2.352	0.161	0	0	0	2
018564	PL.16846	A	Consumer	7.54Y	125.7	0.00	0.35	0.64	0	5	1	98	0.00	0.0	2.352	0.000	5	1	1	1
018553	PL.16846	A	Consumer	7.54Y	125.7	0.00	0.35	0.45	0	3	1	95	0.00	0.0	2.352	0.000	3	1	1	1
018511	PL.27646	A	Consumer	7.54Y	125.7	0.00	0.31	0.65	0	5	1	98	0.00	0.0	2.048	0.000	5	1	1	1
018525	PL.27646	A	Consumer	7.54Y	125.7	0.00	0.31	1.24	0	9	1	99	0.00	0.0	2.048	0.000	9	1	1	1
PL.1667	PL.12946	A	4ACSR	7.54Y	125.7	0.00	0.30	0.89	0	7	1	99	0.00	0.0	2.021	0.058	0	0	0	1
PL.6102	PL.1667	A	4ACSR	7.54Y	125.7	0.00	0.30	0.89	0	7	1	99	0.00	0.0	2.071	0.050	0	0	0	1
PL.6103	PL.6102	A	4ACSR	7.54Y	125.7	0.00	0.30	0.89	0	7	1	99	0.00	0.0	2.120	0.050	0	0	0	1
018523	PL.6103	A	Consumer	7.54Y	125.7	0.00	0.30	0.89	0	7	1	99	0.00	0.0	2.120	0.000	7	1	1	1
PL.16849	PL.12945	A	4ACSR	7.54Y	125.7	0.00	0.29	0.92	0	7	1	99	0.00	0.0	1.954	0.013	0	0	0	4
PD.1940	PL.16849	A	fuse6AMP	7.54Y	125.7	0.00	0.29	0.92	16	7	1	99	0.00	0.0	1.954	0.000	0	0	0	4
PL.16848	PD.1940	A	4ACSR	7.54Y	125.7	0.00	0.29	0.92	0	7	1	99	0.00	0.0	2.019	0.065	0	0	0	4
018540	PL.16848	A	Consumer	7.54Y	125.7	0.00	0.29	0.28	0	2	0	100	0.00	0.0	2.019	0.000	2	0	1	1
018514	PL.16848	A	Consumer	7.54Y	125.7	0.00	0.29	0.40	0	3	0	100	0.00	0.0	2.019	0.000	3	0	1	1
018580	PL.16848	A	Consumer	7.54Y	125.7	0.00	0.29	0.02	0	0	0	100	0.00	0.0	2.019	0.000	0	0	1	1
018541	PL.16848	A	Consumer	7.54Y	125.7	0.00	0.29	0.22	0	2	0	100	0.00	0.0	2.019	0.000	2	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts					Thru KW	% PF	kW Loss	% Loss	mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR						Length (mi)	KW		
PL.33762	PL.4494	A	4ACSR	7.54Y	125.7	0.00	0.28	1.24	1	9	1	99	0.00	0.0	1.910	0.011	0	0	0	3
PD.4028	PL.33762	A	fuse6AMP	7.54Y	125.7	0.00	0.28	1.24	21	9	1	99	0.00	0.0	1.910	0.000	0	0	0	3
PL.33763	PD.4028	A	4ACSR	7.54Y	125.7	0.00	0.28	1.24	1	9	1	99	0.00	0.0	1.962	0.052	0	0	0	3
PL.12944	PL.33763	A	4ACSR	7.54Y	125.7	0.00	0.29	0.87	0	7	1	99	0.00	0.0	2.053	0.091	0	0	0	2
018579	PL.12944	A	Consumer	7.54Y	125.7	0.00	0.29	0.33	0	2	0	100	0.00	0.0	2.053	0.000	2	0	1	1
018578	PL.12944	A	Consumer	7.54Y	125.7	0.00	0.29	0.54	0	4	1	97	0.00	0.0	2.053	0.000	4	1	1	1
PL.1692	PL.33763	A	1/0EPRJCN	7.54Y	125.7	0.00	0.28	0.37	0	3	0	100	0.00	0.0	2.052	0.090	0	0	0	1
018581	PL.1692	A	Consumer	7.54Y	125.7	0.00	0.28	0.37	0	3	0	100	0.00	0.0	2.052	0.000	3	0	1	1
018520	PL.4494	A	Consumer	7.54Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	1.899	0.000	0	0	1	1
018502	PL.4494	A	Consumer	7.54Y	125.7	0.00	0.28	1.15	0	9	1	99	0.00	0.0	1.899	0.000	9	1	1	1
018503	PL.42296	A	Consumer	7.54Y	125.7	0.00	0.27	0.59	0	4	1	97	0.00	0.0	1.860	0.000	4	1	1	1
PL.16850	PL.6099	C	4ACSR	7.54Y	125.6	0.01	0.38	12.44	6	93	15	99	0.00	0.0	1.814	0.013	0	0	0	16
C PD.1939	PL.16850	C	fuse8AMP	7.54Y	125.6	0.00	0.38	12.44	170	93	15	99	0.00	0.0	1.814	0.000	0	0	0	16 C
PL.16851	PD.1939	C	4ACSR	7.54Y	125.6	0.03	0.40	12.44	6	93	15	99	0.02	0.0	1.865	0.051	0	0	0	16
PL.1666	PL.16851	C	4ACSR	7.54Y	125.6	0.00	0.41	0.71	0	5	1	98	0.00	0.0	1.908	0.043	0	0	0	2
018568	PL.1666	C	Consumer	7.54Y	125.6	0.00	0.41	0.53	0	4	1	97	0.00	0.0	1.908	0.000	4	1	1	1
018567	PL.1666	C	Consumer	7.54Y	125.6	0.00	0.41	0.19	0	1	0	100	0.00	0.0	1.908	0.000	1	0	1	1
PL.27849	PL.16851	C	4ACSR	7.53Y	125.6	0.01	0.42	6.93	4	52	8	99	0.00	0.0	1.908	0.042	0	0	0	7
018531	PL.27849	C	Consumer	7.53Y	125.6	0.00	0.42	0.86	0	6	1	99	0.00	0.0	1.908	0.000	6	1	1	1
018530	PL.27849	C	Consumer	7.53Y	125.6	0.00	0.42	1.02	0	8	1	99	0.00	0.0	1.908	0.000	8	1	1	1
PL.27850	PL.27849	C	4ACSR	7.53Y	125.6	0.01	0.42	5.06	3	38	6	99	0.00	0.0	1.941	0.034	0	0	0	5
018544	PL.27850	C	Consumer	7.53Y	125.6	0.00	0.42	0.89	0	7	1	99	0.00	0.0	1.941	0.000	7	1	1	1
018545	PL.27850	C	Consumer	7.53Y	125.6	0.00	0.42	0.93	0	7	1	99	0.00	0.0	1.941	0.000	7	1	1	1
018532	PL.27850	C	Consumer	7.53Y	125.6	0.00	0.42	1.13	0	8	1	99	0.00	0.0	1.941	0.000	8	1	1	1
018542	PL.27850	C	Consumer	7.53Y	125.6	0.00	0.42	1.09	0	8	1	99	0.00	0.0	1.941	0.000	8	1	1	1
018546	PL.27850	C	Consumer	7.53Y	125.6	0.00	0.42	1.02	0	8	1	99	0.00	0.0	1.941	0.000	8	1	1	1
018529	PL.16851	C	Consumer	7.54Y	125.6	0.00	0.40	1.08	0	8	1	99	0.00	0.0	1.865	0.000	8	1	1	1
PL.12942	PL.16851	C	4ACSR	7.54Y	125.6	0.01	0.41	3.72	2	28	4	99	0.00	0.0	1.918	0.053	0	0	0	6
PL.20040	PL.12942	C	4ACSR	7.54Y	125.6	0.00	0.42	3.72	2	28	4	99	0.00	0.0	1.936	0.018	0	0	0	6
018547	PL.20040	C	Consumer	7.54Y	125.6	0.00	0.42	1.15	0	9	1	99	0.00	0.0	1.936	0.000	9	1	1	1
PL.20041	PL.20040	C	4ACSR	7.53Y	125.6	0.00	0.42	2.57	1	19	3	99	0.00	0.0	1.964	0.027	0	0	0	5
PL.19418	PL.20041	C	4ACSR	7.53Y	125.6	0.00	0.42	1.94	1	14	2	99	0.00	0.0	1.990	0.026	0	0	0	3
018537	PL.19418	C	Consumer	7.53Y	125.6	0.00	0.42	0.99	0	7	1	99	0.00	0.0	1.990	0.000	7	1	1	1
018538	PL.19418	C	Consumer	7.53Y	125.6	0.00	0.42	0.95	0	7	1	99	0.00	0.0	1.990	0.000	7	1	1	1
018536	PL.19418	C	Consumer	7.53Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	1.990	0.000	0	0	1	1
018534	PL.20041	C	Consumer	7.53Y	125.6	0.00	0.42	0.14	0	1	0	100	0.00	0.0	1.964	0.000	1	0	1	1
018535	PL.20041	C	Consumer	7.53Y	125.6	0.00	0.42	0.50	0	4	1	97	0.00	0.0	1.964	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.42293	PL.42289	A	2ACSR	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	1.762	0.004	0	0	0	0
		B		7.46Y	124.3	0.00	1.67	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.6	0.00	0.37	0.00	0	0	0	100					0	0	0	0
PD.7679	PL.42293	A	fuse6AMP	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	1.762	0.000	0	0	0	0
		B		7.46Y	124.3	0.00	1.67	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.6	0.00	0.37	0.00	0	0	0	100					0	0	0	0
PL.42294	PD.7679	A	2ACSR	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	1.841	0.079	0	0	0	0
		B		7.46Y	124.3	0.00	1.67	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.6	0.00	0.37	0.00	0	0	0	100					0	0	0	0
0185085	PL.42294	A	Consumer	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	1.841	0.000	0	0	0	0
		B		7.46Y	124.3	0.00	1.67	0.00	0	0	0	100					0	0	0	0
		C		7.54Y	125.6	0.00	0.37	0.00	0	0	0	100					0	0	0	0
PL.17126	PL.43536	A	4ACSR	7.55Y	125.8	0.00	0.21	0.58	0	4	1	97	0.00	0.0	1.555	0.006	0	0	0	1
PD.1937	PL.17126	A	fuse6AMP	7.55Y	125.8	0.00	0.21	0.58	10	4	1	97	0.00	0.0	1.555	0.000	0	0	0	1
PL.17127	PD.1937	A	4ACSR	7.55Y	125.8	0.00	0.21	0.58	0	4	1	97	0.00	0.0	1.662	0.107	0	0	0	1
019510	PL.17127	A	Consumer	7.55Y	125.8	0.00	0.21	0.58	0	4	1	97	0.00	0.0	1.662	0.000	4	1	1	1
018505	PL.43536	B	Consumer	7.46Y	124.4	0.00	1.59	0.55	0	4	1	97	0.00	0.0	1.550	0.000	4	1	1	1
PL.42291	PL.12934	B	4ACSR	7.47Y	124.5	0.01	1.48	24.44	13	180	31	99	0.01	0.0	1.284	0.006	0	0	0	39
PD.7678-A	PL.42291	B	Closed	7.47Y	124.5	0.00	1.48	24.44	0	180	31	99	0.00	0.0	1.284	0.000	0	0	0	39
PD.7678-B	PD.7678-A	B	Closed	7.47Y	124.5	0.00	1.48	24.44	0	180	31	99	0.00	0.0	1.284	0.000	0	0	0	39
PL.42292	PD.7678-B	B	4ACSR	7.47Y	124.5	0.05	1.53	24.44	13	180	31	99	0.07	0.0	1.331	0.048	0	0	0	39
PD.3367	PL.42292	B	50V4E	7.47Y	124.5	0.00	1.53	24.44	0	180	31	99	0.00	0.0	1.331	0.000	0	0	0	39
PL.17129	PD.3367	B	4ACSR	7.47Y	124.5	0.01	1.53	24.44	13	180	31	99	0.01	0.0	1.336	0.005	0	0	0	39
019542	PL.17129	B	Consumer	7.47Y	124.5	0.00	1.53	0.01	0	0	0	100	0.00	0.0	1.336	0.000	0	0	1	1
019535	PL.17129	B	Consumer	7.47Y	124.5	0.00	1.53	0.28	0	2	0	100	0.00	0.0	1.336	0.000	2	0	1	1
019517	PL.17129	B	Consumer	7.47Y	124.5	0.00	1.53	1.06	0	8	1	99	0.00	0.0	1.336	0.000	8	1	1	1
019530	PL.17129	B	Consumer	7.47Y	124.5	0.00	1.53	0.60	0	4	1	97	0.00	0.0	1.336	0.000	4	1	1	1
019528	PL.17129	B	Consumer	7.47Y	124.5	0.00	1.53	0.13	0	1	0	100	0.00	0.0	1.336	0.000	1	0	1	1
019526	PL.17129	B	Consumer	7.47Y	124.5	0.00	1.53	1.93	0	14	2	99	0.00	0.0	1.336	0.000	14	2	1	1
PL.6115	PL.17129	B	4ACSR	7.47Y	124.4	0.05	1.58	20.43	11	150	26	99	0.05	0.0	1.389	0.053	0	0	0	33
PL.1678	PL.6115	B	4ACSR	7.46Y	124.4	0.00	1.59	3.41	2	25	4	99	0.00	0.0	1.417	0.028	0	0	0	7
PL.6114	PL.1678	B	4ACSR	7.46Y	124.4	0.00	1.59	2.26	1	17	3	98	0.00	0.0	1.437	0.020	0	0	0	5
PL.19892	PL.6114	B	4ACSR	7.46Y	124.4	0.00	1.59	2.26	1	17	3	98	0.00	0.0	1.456	0.019	0	0	0	5
019547	PL.19892	B	Consumer	7.46Y	124.4	0.00	1.59	0.37	0	3	0	100	0.00	0.0	1.456	0.000	3	0	1	1
PL.19893	PL.19892	B	4ACSR	7.46Y	124.4	0.00	1.59	1.89	1	14	2	99	0.00	0.0	1.489	0.034	0	0	0	4
PL.6122	PL.19893	B	4ACSR	7.46Y	124.4	0.00	1.59	1.37	1	10	2	98	0.00	0.0	1.515	0.026	0	0	0	2
019548	PL.6122	B	Consumer	7.46Y	124.4	0.00	1.59	0.86	0	6	1	99	0.00	0.0	1.515	0.000	6	1	1	1
019575	PL.6122	B	Consumer	7.46Y	124.4	0.00	1.59	0.51	0	4	1	97	0.00	0.0	1.515	0.000	4	1	1	1
019578	PL.19893	B	Consumer	7.46Y	124.4	0.00	1.59	0.25	0	2	0	100	0.00	0.0	1.489	0.000	2	0	1	1
019590	PL.19893	B	Consumer	7.46Y	124.4	0.00	1.59	0.27	0	2	0	100	0.00	0.0	1.489	0.000	2	0	1	1
019521	PL.1678	B	Consumer	7.46Y	124.4	0.00	1.59	0.21	0	2	0	100	0.00	0.0	1.417	0.000	2	0	1	1
019558	PL.1678	B	Consumer	7.46Y	124.4	0.00	1.59	0.93	0	7	1	99	0.00	0.0	1.417	0.000	7	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.33675	PL.6115	B	4ACSR	7.46Y	124.4	0.01	1.59	15.75	8	116	21	98	0.01	0.0	1.404	0.015	0	0	0	24
C PD.3988	PL.33675	B	fuse6AMP	7.46Y	124.4	0.00	1.59	15.75	269	116	21	98	0.00	0.0	1.404	0.000	0	0	0	24 C
PL.33676	PD.3988	B	4ACSR	7.46Y	124.4	0.05	1.64	15.75	8	116	21	98	0.04	0.0	1.479	0.075	0	0	0	24
PL.1651	PL.33676	B	4ACSR	7.46Y	124.3	0.01	1.65	4.84	2	36	6	99	0.00	0.0	1.512	0.033	0	0	0	8
PL.1652	PL.1651	B	4ACSR	7.46Y	124.3	0.01	1.66	3.85	2	28	5	98	0.00	0.0	1.566	0.054	0	0	0	5
019539	PL.1652	B	Consumer	7.46Y	124.3	0.00	1.66	0.48	0	4	1	97	0.00	0.0	1.566	0.000	4	1	1	1
019519	PL.1652	B	Consumer	7.46Y	124.3	0.00	1.66	0.63	0	5	1	98	0.00	0.0	1.566	0.000	5	1	1	1
019573	PL.1652	B	Consumer	7.46Y	124.3	0.00	1.66	0.82	0	6	1	99	0.00	0.0	1.566	0.000	6	1	1	1
PL.1653	PL.1652	B	4ACSR	7.46Y	124.3	0.00	1.66	1.91	1	14	2	99	0.00	0.0	1.590	0.024	0	0	0	2
019580	PL.1653	B	Consumer	7.46Y	124.3	0.00	1.66	0.31	0	2	0	100	0.00	0.0	1.590	0.000	2	0	1	1
019556	PL.1653	B	Consumer	7.46Y	124.3	0.00	1.66	1.60	0	12	2	99	0.00	0.0	1.590	0.000	12	2	1	1
019529	PL.1651	B	Consumer	7.46Y	124.3	0.00	1.65	0.54	0	4	1	97	0.00	0.0	1.512	0.000	4	1	1	1
019579	PL.1651	B	Consumer	7.46Y	124.3	0.00	1.65	0.16	0	1	0	100	0.00	0.0	1.512	0.000	1	0	1	1
019566	PL.1651	B	Consumer	7.46Y	124.3	0.00	1.65	0.29	0	2	1	89	0.00	0.0	1.512	0.000	2	1	1	1
PL.33677	PL.33676	B	4ACSR	7.46Y	124.4	0.00	1.65	9.20	5	68	11	99	0.00	0.0	1.491	0.012	0	0	0	12
C PD.3989	PL.33677	B	fuse6AMP	7.46Y	124.4	0.00	1.65	9.20	157	68	11	99	0.00	0.0	1.491	0.000	0	0	0	12 C
PL.33678	PD.3989	B	4ACSR	7.46Y	124.3	0.02	1.67	9.20	5	68	11	99	0.01	0.0	1.548	0.058	0	0	0	12
PL.6121	PL.33678	B	4ACSR	7.46Y	124.3	0.02	1.69	6.43	3	47	8	99	0.01	0.0	1.614	0.065	0	0	0	8
PL.6130	PL.6121	B	4ACSR	7.46Y	124.3	0.00	1.69	4.81	2	35	6	99	0.00	0.0	1.637	0.023	0	0	0	7
019553	PL.6130	B	Consumer	7.46Y	124.3	0.00	1.69	0.48	0	4	1	97	0.00	0.0	1.637	0.000	4	1	1	1
019591	PL.6130	B	Consumer	7.46Y	124.3	0.00	1.69	1.01	0	7	1	99	0.00	0.0	1.637	0.000	7	1	1	1
PL.6131	PL.6130	B	4ACSR	7.46Y	124.3	0.01	1.70	3.32	2	24	4	99	0.00	0.0	1.674	0.037	0	0	0	5
PL.12939	PL.6131	B	4ACSR	7.46Y	124.3	0.00	1.70	0.69	0	5	1	98	0.00	0.0	1.741	0.066	0	0	0	2
019561	PL.12939	B	Consumer	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	1.741	0.000	0	0	0	0
PL.12940	PL.12939	B	4ACSR	7.46Y	124.3	0.00	1.70	0.69	0	5	1	98	0.00	0.0	1.761	0.020	0	0	0	2
PL.12941	PL.12940	B	4ACSR	7.46Y	124.3	0.00	1.70	0.18	0	1	0	100	0.00	0.0	1.881	0.120	0	0	0	1
018543	PL.12941	B	Consumer	7.46Y	124.3	0.00	1.70	0.18	0	1	0	100	0.00	0.0	1.881	0.000	1	0	1	1
PL.4492	PL.12941	B	4ACSR	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	1.937	0.055	0	0	0	0
018554	PL.12940	B	Consumer	7.46Y	124.3	0.00	1.70	0.51	0	4	1	97	0.00	0.0	1.761	0.000	4	1	1	1
019569	PL.6131	B	Consumer	7.46Y	124.3	0.00	1.70	0.81	0	6	1	99	0.00	0.0	1.674	0.000	6	1	1	1
019546	PL.6131	B	Consumer	7.46Y	124.3	0.00	1.70	0.24	0	2	0	100	0.00	0.0	1.674	0.000	2	0	1	1
PL.33679	PL.6131	B	4ACSR	7.46Y	124.3	0.00	1.70	1.57	1	12	2	99	0.00	0.0	1.685	0.010	0	0	0	1
PD.3990	PL.33679	B	fuse6AMP	7.46Y	124.3	0.00	1.70	1.57	27	12	2	99	0.00	0.0	1.685	0.000	0	0	0	1
PL.33680	PD.3990	B	4ACSR	7.46Y	124.3	0.00	1.70	1.57	1	12	2	99	0.00	0.0	1.713	0.028	0	0	0	1
019572	PL.33680	B	Consumer	7.46Y	124.3	0.00	1.70	1.57	0	12	2	99	0.00	0.0	1.713	0.000	12	2	1	1
019586	PL.6121	B	Consumer	7.46Y	124.3	0.00	1.69	0.00	0	0	0	100	0.00	0.0	1.614	0.000	0	0	0	0
019545	PL.6121	B	Consumer	7.46Y	124.3	0.00	1.69	1.61	0	12	2	99	0.00	0.0	1.614	0.000	12	2	1	1
019557	PL.33678	B	Consumer	7.46Y	124.3	0.00	1.67	0.20	0	1	0	100	0.00	0.0	1.548	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
019582	PL.33678	B	Consumer	7.46Y	124.3	0.00	1.67	1.37	0	10	2	98	0.00	0.0	1.548	0.000	10	2	1	1
019570	PL.33678	B	Consumer	7.46Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	1.548	0.000	0	0	0	0
019568	PL.33678	B	Consumer	7.46Y	124.3	0.00	1.67	0.68	0	5	1	98	0.00	0.0	1.548	0.000	5	1	1	1
019538	PL.33678	B	Consumer	7.46Y	124.3	0.00	1.67	0.52	0	4	1	97	0.00	0.0	1.548	0.000	4	1	1	1
019549	PL.33676	B	Consumer	7.46Y	124.4	0.00	1.64	0.54	0	4	1	97	0.00	0.0	1.479	0.000	4	1	1	1
019533	PL.33676	B	Consumer	7.46Y	124.4	0.00	1.64	0.61	0	4	2	89	0.00	0.0	1.479	0.000	4	2	1	1
019544	PL.33676	B	Consumer	7.46Y	124.4	0.00	1.64	0.41	0	3	0	100	0.00	0.0	1.479	0.000	3	0	1	1
019524	PL.33676	B	Consumer	7.46Y	124.4	0.00	1.64	0.17	0	1	0	100	0.00	0.0	1.479	0.000	1	0	1	1
019525	PL.6115	B	Consumer	7.47Y	124.4	0.00	1.58	1.12	0	8	1	99	0.00	0.0	1.389	0.000	8	1	1	1
019531	PL.6115	B	Consumer	7.47Y	124.4	0.00	1.58	0.15	0	1	0	100	0.00	0.0	1.389	0.000	1	0	1	1
019514	PL.12920	B	Consumer	7.48Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	1.076	0.000	0	0	0	0
019559	PL.12920	B	Consumer	7.48Y	124.7	0.00	1.34	0.27	0	2	0	100	0.00	0.0	1.076	0.000	2	0	1	1
PL.75	PL.12924	A	336ACSR	7.56Y	125.9	-0.00	0.08	50.70	7	374	-84	-98	0.05	0.0	1.035	0.008	0	0	0	86
		B		7.48Y	124.7	0.01	1.32	80.96	11	605	-28	-100					0	0	0	146
		C		7.53Y	125.5	0.00	0.47	122.28	17	921	29	100					0	0	0	175
PL.12917	PL.75	A	336ACSR	7.56Y	125.9	-0.01	0.07	50.70	7	374	-84	-98	0.24	0.0	1.069	0.034	0	0	0	86
		B		7.48Y	124.7	0.02	1.34	80.96	11	605	-28	-100					0	0	0	146
		C		7.53Y	125.5	0.02	0.50	122.28	17	920	29	100					0	0	0	175
PL.41186	PL.12917	A	336ACSR	7.56Y	126.0	-0.03	0.04	50.29	7	370	-85	-97	0.63	0.0	1.158	0.089	0	0	0	85
		B		7.48Y	124.6	0.06	1.41	80.96	11	605	-28	-100					0	0	0	146
		C		7.53Y	125.4	0.06	0.55	122.28	17	920	29	100					0	0	0	175
5012002	PL.41186	B	Consumer	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	1.158	0.000	0	0	1	1
PL.41187	PL.41186	A	336ACSR	7.56Y	126.0	-0.02	0.03	50.29	7	370	-85	-97	0.39	0.0	1.213	0.055	0	0	0	85
		B		7.47Y	124.6	0.04	1.45	80.96	11	605	-28	-100					0	0	0	145
		C		7.52Y	125.4	0.03	0.59	122.28	17	920	28	100					0	0	0	175
PL.12915	PL.41187	A	336ACSR	7.56Y	126.0	-0.03	-0.01	48.87	7	358	-91	-97	0.70	0.0	1.314	0.101	0	0	0	85
		B		7.47Y	124.5	0.07	1.52	80.96	11	604	-28	-100					0	0	0	145
		C		7.52Y	125.4	0.06	0.64	120.60	17	907	21	100					0	0	0	175
PL.15100	PL.12915	B	4ACSR	7.47Y	124.5	0.00	1.52	0.57	0	4	1	97	0.00	0.0	1.320	0.005	0	0	0	2
PD.2804	PL.15100	B	fuse6AMP	7.47Y	124.5	0.00	1.52	0.57	10	4	1	97	0.00	0.0	1.320	0.000	0	0	0	2
PL.15101	PD.2804	B	4ACSR	7.47Y	124.5	0.00	1.52	0.57	0	4	1	97	0.00	0.0	1.445	0.125	0	0	0	2
503101	PL.15101	B	Consumer	7.47Y	124.5	0.00	1.52	0.56	0	4	1	97	0.00	0.0	1.445	0.000	4	1	1	1
503102	PL.15101	B	Consumer	7.47Y	124.5	0.00	1.52	0.01	0	0	0	100	0.00	0.0	1.445	0.000	0	0	1	1
PL.12916	PL.12915	A	336ACSR	7.56Y	126.1	-0.05	-0.05	48.87	7	358	-91	-97	1.00	0.1	1.459	0.145	0	0	0	85
		B		7.46Y	124.4	0.10	1.62	80.40	11	600	-29	-100					0	0	0	143
		C		7.52Y	125.3	0.09	0.73	120.60	17	907	20	100					0	0	0	175
PL.3369	PL.12916	A	4/0ACSR	7.56Y	126.1	0.00	-0.05	0.78	0	6	1	99	0.00	0.0	1.511	0.052	0	0	0	1
		B		7.46Y	124.4	-0.00	1.62	0.00	0	0	0	100					0	0	0	0
		C		7.52Y	125.3	0.00	0.73	0.00	0	0	0	100					0	0	0	0
504317	PL.3369	A	Consumer	7.56Y	126.1	0.00	-0.05	0.78	0	6	1	99	0.00	0.0	1.511	0.000	6	1	1	1
PL.193	PL.12916	A	4/0ACSR	7.56Y	126.1	0.00	-0.05	0.00	0	0	0	100	0.00	0.0	1.479	0.020	0	0	0	0
		B		7.46Y	124.4	0.00	1.62	0.00	0	0	0	100					0	0	0	0
		C		7.52Y	125.3	0.00	0.73	0.00	0	0	0	100					0	0	0	0
PD.4350-A	PL.193	A	Open	7.56Y	126.1	0.00	-0.05	0.00	0	0	0	100	0.00	0.0	1.479	0.000	0	0	0	0
		B		7.46Y	124.4	0.00	1.62	0.00	0	0	0	100					0	0	0	0
		C		7.52Y	125.3	0.00	0.73	0.00	0	0	0	100					0	0	0	0
503301	PL.12916	B	Consumer	7.46Y	124.4	0.00	1.62	0.76	0	6	1	99	0.00	0.0	1.459	0.000	6	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for elements PL.24830, PL.25001, PL.12690, PL.15828, PD.175-A, PD.175-B, PL.15829, PL.15830, PL.15831, 501501, 501603, 502601, 501604, 501602, PL.12691, PL.12692, 503701, 503702, PL.24294, PL.26263, PL.15570, PD.2805, PL.15571, 503501, PL.26264.

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.15572	PL.26264	B	4ACSR	7.42Y	123.6	0.00	2.40	13.41	7	98	16	99	0.00	0.0	2.294	0.006	0	0	0	17
PD.3711	PL.15572	B	25L	7.42Y	123.6	0.00	2.40	13.41	54	98	16	99	0.00	0.0	2.294	0.000	0	0	0	17
PL.15573	PD.3711	B	4ACSR	7.41Y	123.6	0.05	2.44	13.41	7	98	16	99	0.04	0.0	2.376	0.082	0	0	0	17
504801	PL.15573	B	Consumer	7.41Y	123.6	0.00	2.44	0.30	0	2	0	100	0.00	0.0	2.376	0.000	2	0	1	1
PL.26265	PL.15573	B	4ACSR	7.41Y	123.5	0.01	2.45	13.11	7	96	15	99	0.01	0.0	2.393	0.017	0	0	0	16
PL.26266	PL.26265	B	4ACSR	7.41Y	123.5	0.03	2.48	7.14	4	52	8	99	0.01	0.0	2.483	0.090	0	0	0	10
PL.26267	PL.26266	B	4ACSR	7.41Y	123.5	0.00	2.48	5.50	3	40	6	99	0.00	0.0	2.496	0.013	0	0	0	8
5039005	PL.26267	B	Consumer	7.41Y	123.5	0.00	2.48	0.00	0	0	0	100	0.00	0.0	2.496	0.000	0	0	1	1
503903	PL.26267	B	Consumer	7.41Y	123.5	0.00	2.48	2.07	0	15	2	99	0.00	0.0	2.496	0.000	15	2	1	1
PL.38259	PL.26267	B	4ACSR	7.41Y	123.5	0.00	2.49	0.84	0	6	1	99	0.00	0.0	2.505	0.010	0	0	0	2
PD.6672	PL.38259	B	fuse6AMP	7.41Y	123.5	0.00	2.49	0.84	14	6	1	99	0.00	0.0	2.505	0.000	0	0	0	2
PL.38260	PD.6672	B	4ACSR	7.41Y	123.5	0.00	2.49	0.84	0	6	1	99	0.00	0.0	2.571	0.066	0	0	0	2
503901	PL.38260	B	Consumer	7.41Y	123.5	0.00	2.49	0.83	0	6	1	99	0.00	0.0	2.571	0.000	6	1	1	1
503904	PL.38260	B	Consumer	7.41Y	123.5	0.00	2.49	0.01	0	0	0	100	0.00	0.0	2.571	0.000	0	0	1	1
PL.26268	PL.26267	B	4ACSR	7.41Y	123.5	0.02	2.50	2.53	1	19	3	99	0.00	0.0	2.654	0.158	0	0	0	3
PL.26269	PL.26268	B	4ACSR	7.41Y	123.5	0.00	2.50	1.41	1	10	2	98	0.00	0.0	2.698	0.044	0	0	0	1
PL.42663	PL.26269	B	4ACSR	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	2.720	0.022	0	0	0	0
PD.8113-A	PL.42663	B	Closed	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	2.720	0.000	0	0	0	0
PD.8113-B	PD.8113-A	B	Closed	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	2.720	0.000	0	0	0	0
PL.42664	PD.8113-B	B	4ACSR	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	2.781	0.062	0	0	0	0
PL.42665	PL.42664	B	4ACSR	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	2.906	0.124	0	0	0	0
PL.42661	PL.42665	B	4ACSR	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	2.939	0.033	0	0	0	0
PD.8112-A	PL.42661	B	Open	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	2.939	0.000	0	0	0	0
502002	PL.26269	B	Consumer	7.41Y	123.5	0.00	2.50	1.41	0	10	2	98	0.00	0.0	2.698	0.000	10	2	1	1
PL.38263	PL.26268	B	4ACSR	7.41Y	123.5	0.00	2.50	1.12	1	8	1	99	0.00	0.0	2.657	0.003	0	0	0	2
PD.6674	PL.38263	B	fuse6AMP	7.41Y	123.5	0.00	2.50	1.12	19	8	1	99	0.00	0.0	2.657	0.000	0	0	0	2
PL.38264	PD.6674	B	4ACSR	7.41Y	123.5	0.00	2.51	1.12	1	8	1	99	0.00	0.0	2.715	0.058	0	0	0	2
501901	PL.38264	B	Consumer	7.41Y	123.5	0.00	2.51	0.04	0	0	0	100	0.00	0.0	2.715	0.000	0	0	1	1
502902	PL.38264	B	Consumer	7.41Y	123.5	0.00	2.51	1.08	0	8	1	99	0.00	0.0	2.715	0.000	8	1	1	1
PL.38262	PL.26267	B	4ACSR	7.41Y	123.5	0.00	2.48	0.05	0	0	0	100	0.00	0.0	2.505	0.009	0	0	0	1
PD.6673	PL.38262	B	fuse6AMP	7.41Y	123.5	0.00	2.48	0.05	1	0	0	100	0.00	0.0	2.505	0.000	0	0	0	1
PL.38261	PD.6673	B	4ACSR	7.41Y	123.5	0.00	2.49	0.05	0	0	0	100	0.00	0.0	2.577	0.072	0	0	0	1
503802	PL.38261	B	Consumer	7.41Y	123.5	0.00	2.49	0.05	0	0	0	100	0.00	0.0	2.577	0.000	0	0	1	1
503801	PL.26266	B	Consumer	7.41Y	123.5	0.00	2.48	1.10	0	8	1	99	0.00	0.0	2.483	0.000	8	1	1	1
503902	PL.26266	B	Consumer	7.41Y	123.5	0.00	2.48	0.54	0	4	1	97	0.00	0.0	2.483	0.000	4	1	1	1
PL.38257	PL.26265	B	4ACSR	7.41Y	123.5	0.00	2.46	5.97	3	44	7	99	0.00	0.0	2.399	0.006	0	0	0	6
C PD.6671	PL.38257	B	fuse6AMP	7.41Y	123.5	0.00	2.46	5.97	102	44	7	99	0.00	0.0	2.399	0.000	0	0	0	6 C
PL.38258	PD.6671	B	4ACSR	7.41Y	123.5	0.01	2.47	5.97	3	44	7	99	0.00	0.0	2.442	0.043	0	0	0	6

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.3214, 504901, 504803, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.21413	PD.176-B	A	336ACSR	7.59Y	126.6	0.02	-0.57	30.84	4	224	-69	-96	0.20	0.0	2.963	0.217	0	0	0	62		
		B		7.39Y	123.2	0.04	2.76	38.97	5	286	-35	-99					0	0	0	76		
		C		7.44Y	124.0	-0.01	1.99	28.79	4	202	-72	-94					0	0	0	57		
P CP.41 P P	PL.21413	A	Cap (300)	7.59Y	126.6	0.00	-0.57	-14.65	0	0	-111	0	0.00	0.0	2.963	0.000	0	0	0	0	P	
		B		7.39Y	123.2	0.00	2.76	-14.26	0	0	-105	0					0	0	0	0	P	
		C		7.44Y	124.0	0.00	1.99	-14.35	0	0	-107	0					0	0	0	0	P	
PL.20087	PL.21413	A	336ACSR	7.59Y	126.5	0.04	-0.53	30.00	4	224	42	98	0.14	0.0	3.119	0.156	0	0	0	62		
		B		7.39Y	123.2	0.05	2.81	39.82	5	286	70	97					0	0	0	76		
		C		7.44Y	124.0	0.02	2.00	27.48	4	202	34	99					0	0	0	57		
PL.15640	PL.20087	A	4ACSR	7.59Y	126.5	0.00	-0.53	5.46	3	40	9	98	0.00	0.0	3.125	0.005	0	0	0	10		
C PD.2420	PL.15640	A	fuse6AMP	7.59Y	126.5	0.00	-0.53	5.46	93	40	9	98	0.00	0.0	3.125	0.000	0	0	0	10	C	
PL.33246	PD.2420	A	4ACSR	7.59Y	126.5	0.00	-0.53	5.46	3	40	9	98	0.00	0.0	3.127	0.002	0	0	0	10		
PL.33247	PL.33246	A	4ACSR	7.59Y	126.5	0.01	-0.52	5.46	3	40	9	98	0.00	0.0	3.153	0.026	0	0	0	10		
PL.12755	PL.33247	A	4ACSR	7.59Y	126.5	0.01	-0.52	4.34	2	32	6	98	0.00	0.0	3.186	0.033	0	0	0	7		
PL.6519	PL.12755	A	4ACSR	7.59Y	126.5	0.01	-0.51	3.39	2	25	5	98	0.00	0.0	3.220	0.034	0	0	0	4		
PL.19190	PL.6519	A	336ACSR	7.59Y	126.5	0.00	-0.51	0.98	0	7	2	96	0.00	0.0	3.285	0.065	0	0	0	2		
512912	PL.19190	A	Consumer	7.59Y	126.5	0.00	-0.51	0.55	0	4	2	89	0.00	0.0	3.285	0.000	4	2	1	1		
PL.19191	PL.19190	A	336ACSR	7.59Y	126.5	0.00	-0.51	0.44	0	3	1	95	0.00	0.0	3.312	0.027	0	0	0	1		
PL.6520	PL.19191	A	336ACSR	7.59Y	126.5	0.00	-0.51	0.00	0	0	0	100	0.00	0.0	3.343	0.031	0	0	0	0		
PL.6521	PL.6520	A	336ACSR	7.59Y	126.5	0.00	-0.51	0.00	0	0	0	100	0.00	0.0	3.343	0.000	0	0	0	0		
512917	PL.19191	A	Consumer	7.59Y	126.5	0.00	-0.51	0.44	0	3	1	95	0.00	0.0	3.312	0.000	3	1	1	1		
512805	PL.6519	A	Consumer	7.59Y	126.5	0.00	-0.51	0.00	0	0	0	100	0.00	0.0	3.220	0.000	0	0	0	0		
512901	PL.6519	A	Consumer	7.59Y	126.5	0.00	-0.51	0.31	0	2	0	100	0.00	0.0	3.220	0.000	2	0	1	1		
511818	PL.6519	A	Consumer	7.59Y	126.5	0.00	-0.51	0.00	0	0	0	100	0.00	0.0	3.220	0.000	0	0	0	0		
511901	PL.6519	A	Consumer	7.59Y	126.5	0.00	-0.51	2.11	0	16	3	98	0.00	0.0	3.220	0.000	16	3	1	1		
PL.3445	PL.6519	A	4ACSR	7.59Y	126.5	0.00	-0.51	0.00	0	0	0	100	0.00	0.0	3.246	0.026	0	0	0	0		
PL.43527	PL.3445	A	4ACSR	7.59Y	126.5	0.00	-0.51	0.00	0	0	0	100	0.00	0.0	3.277	0.031	0	0	0	0		
PD.8578-A	PL.43527	A	Open	7.59Y	126.5	0.00	-0.51	0.00	0	0	0	100	0.00	0.0	3.277	0.000	0	0	0	0		
511816	PL.12755	A	Consumer	7.59Y	126.5	0.00	-0.52	0.09	0	1	0	100	0.00	0.0	3.186	0.000	1	0	1	1		
511810	PL.12755	A	Consumer	7.59Y	126.5	0.00	-0.52	0.30	0	2	0	100	0.00	0.0	3.186	0.000	2	0	1	1		
511809	PL.12755	A	Consumer	7.59Y	126.5	0.00	-0.52	0.55	0	4	1	97	0.00	0.0	3.186	0.000	4	1	1	1		
510802	PL.33247	A	Consumer	7.59Y	126.5	0.00	-0.52	0.32	0	2	0	100	0.00	0.0	3.153	0.000	2	0	1	1		
511824	PL.33247	A	Consumer	7.59Y	126.5	0.00	-0.52	0.52	0	4	2	89	0.00	0.0	3.153	0.000	4	2	1	1		
511814	PL.33247	A	Consumer	7.59Y	126.5	0.00	-0.52	0.00	0	0	0	100	0.00	0.0	3.153	0.000	0	0	0	0		
511808	PL.33247	A	Consumer	7.59Y	126.5	0.00	-0.52	0.29	0	2	0	100	0.00	0.0	3.153	0.000	2	0	1	1		
PL.38655	PL.20087	A	336ACSR	7.59Y	126.5	0.00	-0.53	21.54	3	161	28	99	0.01	0.0	3.137	0.018	0	0	0	44		
		B		7.39Y	123.2	0.01	2.81	38.54	5	277	68	97					0	0	0	73		
		C		7.44Y	124.0	0.00	2.00	26.80	4	197	33	99					0	0	0	56		
PD.7051-A	PL.38655	A	Closed	7.59Y	126.5	0.00	-0.53	21.54	0	161	28	99	0.00	0.0	3.137	0.000	0	0	0	44		
		B		7.39Y	123.2	0.00	2.81	38.54	0	277	68	97					0	0	0	73		
		C		7.44Y	124.0	0.00	2.00	26.80	0	197	33	99					0	0	0	56		
PD.7051-B	PD.7051-A	A	Closed	7.59Y	126.5	0.00	-0.53	21.54	0	161	28	99	0.00	0.0	3.137	0.000	0	0	0	44		
		B		7.39Y	123.2	0.00	2.81	38.54	0	277	68	97					0	0	0	73		
		C		7.44Y	124.0	0.00	2.00	26.80	0	197	33	99					0	0	0	56		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.38656, PD.3068-A, PD.3068-B, PL.18242, PL.195, PL.6517, 511716, 511712, 511710, 511711, PL.6518, PD.3067-A, PL.12756, 512802, 511811, PL.19059, 512804, 512814, 512816, 512811, 512808, PL.19766, PL.43528, PD.8578-B, PL.19443, 512905.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
512920	PL.19443	B	Consumer	7.39Y	123.1	0.00	2.88	1.05	0	8	1	99	0.00	0.0	3.328	0.000	8	1	1	1
PL.19444	PL.19443	A	336ACSR	7.59Y	126.5	0.00	-0.49	15.95	2	119	20	99	0.01	0.0	3.343	0.015	0	0	0	34
		B		7.39Y	123.1	0.00	2.88	34.81	5	250	62	97					0	0	0	61
		C		7.44Y	124.0	-0.00	2.01	17.41	2	128	22	99					0	0	0	36
PL.20056	PL.19444	A	336ACSR	7.59Y	126.5	0.01	-0.49	15.95	2	119	20	99	0.03	0.0	3.395	0.052	0	0	0	34
		B		7.39Y	123.1	0.02	2.90	34.79	5	249	62	97					0	0	0	60
		C		7.44Y	124.0	-0.00	2.01	17.41	2	128	22	99					0	0	0	36
513918	PL.20056	B	Consumer	7.39Y	123.1	0.00	2.90	0.72	0	5	1	98	0.00	0.0	3.395	0.000	5	1	1	1
513835	PL.20056	C	Consumer	7.44Y	124.0	0.00	2.01	0.44	0	3	1	95	0.00	0.0	3.395	0.000	3	1	1	1
512915	PL.20056	B	Consumer	7.39Y	123.1	0.00	2.90	0.00	0	0	0	100	0.00	0.0	3.395	0.000	0	0	0	0
513809	PL.20056	C	Consumer	7.44Y	124.0	0.00	2.01	0.18	0	1	1	71	0.00	0.0	3.395	0.000	1	1	1	1
512919	PL.20056	B	Consumer	7.39Y	123.1	0.00	2.90	0.00	0	0	0	100	0.00	0.0	3.395	0.000	0	0	0	0
512911	PL.20056	B	Consumer	7.39Y	123.1	0.00	2.90	0.33	0	2	0	100	0.00	0.0	3.395	0.000	2	0	1	1
513913	PL.20056	B	Consumer	7.39Y	123.1	0.00	2.90	1.03	0	7	1	99	0.00	0.0	3.395	0.000	7	1	1	1
513824	PL.20056	C	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.395	0.000	0	0	0	0
512904	PL.20056	A	Consumer	7.59Y	126.5	0.00	-0.49	0.00	0	0	0	100	0.00	0.0	3.395	0.000	0	0	0	0
PL.20057	PL.20056	A	336ACSR	7.59Y	126.5	0.00	-0.48	15.95	2	119	20	99	0.01	0.0	3.420	0.025	0	0	0	34
		B		7.39Y	123.1	0.01	2.91	32.72	4	234	59	97					0	0	0	57
		C		7.44Y	124.0	-0.00	2.01	16.80	2	123	21	99					0	0	0	34
PL.20224	PL.20057	A	336ACSR	7.59Y	126.5	0.00	-0.48	15.95	2	119	20	99	0.00	0.0	3.425	0.005	0	0	0	34
		B		7.39Y	123.1	0.00	2.91	17.21	2	124	28	98					0	0	0	29
		C		7.44Y	124.0	0.00	2.01	16.80	2	123	21	99					0	0	0	34
PL.20225	PL.20224	A	336ACSR	7.59Y	126.5	0.01	-0.48	15.95	2	119	20	99	0.01	0.0	3.485	0.060	0	0	0	34
		B		7.39Y	123.1	0.01	2.92	17.21	2	124	28	98					0	0	0	29
		C		7.44Y	124.0	0.01	2.01	16.80	2	123	21	99					0	0	0	34
PL.12751	PL.20225	A	336ACSR	7.59Y	126.5	0.00	-0.47	15.95	2	119	20	99	0.01	0.0	3.518	0.033	0	0	0	34
		B		7.38Y	123.1	0.00	2.92	17.21	2	124	27	98					0	0	0	29
		C		7.44Y	124.0	0.00	2.01	10.30	1	75	13	98					0	0	0	24
PL.5804	PL.12751	A	4ACSR	7.59Y	126.5	0.00	-0.47	0.94	0	7	2	96	0.00	0.0	3.525	0.007	0	0	0	4
		B		7.38Y	123.1	0.00	2.92	2.15	1	16	3	98					0	0	0	7
PL.5805	PL.5804	A	4ACSR	7.59Y	126.5	0.00	-0.47	0.21	0	1	1	71	0.00	0.0	3.557	0.032	0	0	0	1
		B		7.38Y	123.1	0.00	2.92	2.15	1	16	3	98					0	0	0	7
514915	PL.5805	B	Consumer	7.38Y	123.1	0.00	2.92	0.20	0	1	0	100	0.00	0.0	3.557	0.000	1	0	1	1
PL.6516	PL.5805	A	4ACSR	7.59Y	126.5	0.00	-0.47	0.21	0	1	1	71	0.00	0.0	3.585	0.027	0	0	0	1
		B		7.38Y	123.1	0.00	2.93	1.95	1	14	3	98					0	0	0	6
PL.3443	PL.6516	A	4ACSR	7.59Y	126.5	0.00	-0.47	0.21	0	1	1	71	0.00	0.0	3.653	0.068	0	0	0	1
		B		7.38Y	123.1	0.00	2.93	0.49	0	3	1	96					0	0	0	2
515015	PL.3443	B	Consumer	7.38Y	123.1	0.00	2.93	0.28	0	2	0	100	0.00	0.0	3.653	0.000	2	0	1	1
515014	PL.3443	A	Consumer	7.59Y	126.5	0.00	-0.47	0.21	0	1	1	71	0.00	0.0	3.653	0.000	1	1	1	1
		B		7.38Y	123.1	0.00	2.93	0.22	0	1	1	90					1	1	1	1
514921	PL.6516	B	Consumer	7.38Y	123.1	0.00	2.93	0.76	0	6	1	99	0.00	0.0	3.585	0.000	6	1	1	1
514924	PL.6516	B	Consumer	7.38Y	123.1	0.00	2.93	0.06	0	0	0	100	0.00	0.0	3.585	0.000	0	0	1	1
514925	PL.6516	B	Consumer	7.38Y	123.1	0.00	2.93	0.25	0	2	0	100	0.00	0.0	3.585	0.000	2	0	1	1
514926	PL.6516	B	Consumer	7.38Y	123.1	0.00	2.93	0.38	0	3	0	100	0.00	0.0	3.585	0.000	3	0	1	1
514916	PL.5804	A	Consumer	7.59Y	126.5	0.00	-0.47	0.30	0	2	0	100	0.00	0.0	3.525	0.000	2	0	1	1
513903	PL.5804	A	Consumer	7.59Y	126.5	0.00	-0.47	0.43	0	3	1	95	0.00	0.0	3.525	0.000	3	1	1	1
514923	PL.5804	A	Consumer	7.59Y	126.5	0.00	-0.47	0.01	0	0	0	100	0.00	0.0	3.525	0.000	0	0	1	1

Unbalanced Voltage Drop Report
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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.12750, PL.5803, PL.38663, etc.

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.12748	PL.12742	A	336ACSR	7.59Y	126.4	0.00	-0.43	0.59	0	4	1	97	0.00	0.0	3.841	0.041	0	0	0	3
		B		7.38Y	123.1	0.00	2.94	7.77	1	55	16	96					0	0	0	10
		C		7.44Y	124.0	-0.00	2.00	0.00	0	0	0	100					0	0	0	0
PL.12749	PL.12748	A	336ACSR	7.59Y	126.4	0.00	-0.43	0.00	0	0	0	100	0.00	0.0	3.885	0.045	0	0	0	0
		B		7.38Y	123.1	0.00	2.94	2.93	0	19	9	90					0	0	0	2
		C		7.44Y	124.0	-0.00	2.00	0.00	0	0	0	100					0	0	0	0
PL.25012	PL.12749	A	336ACSR	7.59Y	126.4	0.00	-0.43	0.00	0	0	0	100	0.00	0.0	3.962	0.077	0	0	0	0
		B		7.38Y	123.1	0.00	2.94	0.23	0	1	1	90					0	0	0	1
		C		7.44Y	124.0	-0.00	2.00	0.00	0	0	0	100					0	0	0	0
PL.7893	PL.25012	A	336ACSR	7.59Y	126.4	0.00	-0.43	0.00	0	0	0	100	0.00	0.0	4.023	0.060	0	0	0	0
		B		7.38Y	123.1	0.00	2.94	0.23	0	1	1	90					0	0	0	1
		C		7.44Y	124.0	-0.00	2.00	0.00	0	0	0	100					0	0	0	0
PL.7894	PL.7893	A	336ACSR	7.59Y	126.4	0.00	-0.43	0.00	0	0	0	100	0.00	0.0	4.060	0.037	0	0	0	0
		B		7.38Y	123.1	0.00	2.94	0.00	0	0	0	100					0	0	0	0
		C		7.44Y	124.0	0.00	2.00	0.00	0	0	0	100					0	0	0	0
PD.4342-A	PL.7894	A	Open	7.59Y	126.4	0.00	-0.43	0.00	0	0	0	100	0.00	0.0	4.060	0.000	0	0	0	0
		B		7.38Y	123.1	0.00	2.94	0.00	0	0	0	100					0	0	0	0
		C		7.44Y	124.0	0.00	2.00	0.00	0	0	0	100					0	0	0	0
072623	PL.7893	B	Consumer	7.38Y	123.1	0.00	2.94	0.23	0	1	1	71	0.00	0.0	4.023	0.000	1	1	1	1
517013	PL.12749	B	Consumer	7.38Y	123.1	0.00	2.94	2.70	0	18	9	89	0.00	0.0	3.885	0.000	18	9	1	1
516912	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.32	0	2	0	100	0.00	0.0	3.841	0.000	2	0	1	1
517001	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.37	0	3	0	100	0.00	0.0	3.841	0.000	3	0	1	1
517018	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.84	0	6	1	99	0.00	0.0	3.841	0.000	6	1	1	1
516907	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.34	0	2	0	100	0.00	0.0	3.841	0.000	2	0	1	1
517005	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.36	0	3	0	100	0.00	0.0	3.841	0.000	3	0	1	1
517012	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.36	0	2	1	89	0.00	0.0	3.841	0.000	2	1	1	1
5170019	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	0.53	0	4	1	97	0.00	0.0	3.841	0.000	0	0	0	1
5170020	5170019	B	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	3.841	0.000	0	0	0	0
5170021	5170020	B	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	3.841	0.000	0	0	0	0
516910	5170019	B	Consumer	7.38Y	123.1	0.00	2.94	0.53	0	4	1	97	0.00	0.0	3.841	0.000	4	1	1	1
517006	PL.12748	B	Consumer	7.38Y	123.1	0.00	2.94	1.81	0	13	2	99	0.00	0.0	3.841	0.000	13	2	1	1
PL.3372	PL.12748	A	4ACSR	7.59Y	126.4	0.00	-0.43	0.59	0	4	1	97	0.00	0.0	3.882	0.041	0	0	0	3
PL.3373	PL.3372	A	4ACSR	7.59Y	126.4	0.00	-0.43	0.59	0	4	1	97	0.00	0.0	3.928	0.045	0	0	0	2
517014	PL.3373	A	Consumer	7.59Y	126.4	0.00	-0.43	0.48	0	4	1	97	0.00	0.0	3.928	0.000	4	1	1	1
517011	PL.3373	A	Consumer	7.59Y	126.4	0.00	-0.43	0.11	0	1	0	100	0.00	0.0	3.928	0.000	1	0	1	1
517016	PL.3372	A	Consumer	7.59Y	126.4	0.00	-0.43	0.00	0	0	0	100	0.00	0.0	3.882	0.000	0	0	1	1
517015	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	3.799	0.000	0	0	0	0
516010	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.94	0.08	0	1	0	100	0.00	0.0	3.799	0.000	1	0	1	1
516006	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.94	1.37	0	10	2	98	0.00	0.0	3.799	0.000	10	2	1	1
516904	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.94	1.20	0	9	1	99	0.00	0.0	3.799	0.000	9	1	1	1
517009	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.94	0.37	0	3	0	100	0.00	0.0	3.799	0.000	3	0	1	1
516007	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.94	0.61	0	4	1	97	0.00	0.0	3.799	0.000	4	1	1	1
515909	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.94	0.28	0	2	0	100	0.00	0.0	3.799	0.000	2	0	1	1
517008	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.94	0.07	0	1	0	100	0.00	0.0	3.799	0.000	1	0	1	1

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
516015	PL.12742	B	Consumer	7.38Y	123.1	0.00	2.94	0.01	0	0	0	100	0.00	0.0	3.799	0.000	0	0	1	1
515908	PL.26687	A	Consumer	7.59Y	126.4	0.00	-0.44	0.00	0	0	0	100	0.00	0.0	3.766	0.000	0	0	0	0
516911	PL.26687	B	Consumer	7.38Y	123.1	0.00	2.93	0.65	0	5	1	98	0.00	0.0	3.766	0.000	5	1	1	1
515910	PL.26687	B	Consumer	7.38Y	123.1	0.00	2.93	0.70	0	5	1	98	0.00	0.0	3.766	0.000	5	1	1	1
515919	PL.33227	A	Consumer	7.59Y	126.4	0.00	-0.44	0.00	0	0	0	100	0.00	0.0	3.727	0.000	0	0	0	0
515914	PL.33227	C	Consumer	7.44Y	124.0	0.00	2.01	0.61	0	4	2	89	0.00	0.0	3.727	0.000	4	2	1	1
PL.26684	PL.33227	A	1/0ACSR	7.59Y	126.4	0.00	-0.44	0.00	0	0	0	100	0.00	0.0	3.760	0.034	0	0	0	0
		B		7.38Y	123.1	0.00	2.93	0.00	0	0	0	100			0	0	0	0	0	
		C		7.44Y	124.0	0.00	2.01	0.00	0	0	0	100			0	0	0	0	0	
SW30-A	PL.26684	A	Open	7.59Y	126.4	0.00	-0.44	0.00	0	0	0	100	0.00	0.0	3.760	0.000	0	0	0	0
		B		7.38Y	123.1	0.00	2.93	0.00	0	0	0	100			0	0	0	0	0	
		C		7.44Y	124.0	0.00	2.01	0.00	0	0	0	100			0	0	0	0	0	
PL.38659	PL.33227	A	4ACSR	7.59Y	126.4	0.00	-0.44	14.05	7	105	17	99	0.00	0.0	3.730	0.003	0	0	0	25
C PD.7053	PL.38659	A	fuse6AMP	7.59Y	126.4	0.00	-0.44	14.05	240	105	17	99	0.00	0.0	3.730	0.000	0	0	0	25 C
PL.38660	PD.7053	A	4ACSR	7.59Y	126.4	0.01	-0.42	14.05	7	105	17	99	0.01	0.0	3.750	0.020	0	0	0	25
PL.26688	PL.38660	A	4ACSR	7.59Y	126.4	0.00	-0.42	6.79	3	51	8	99	0.00	0.0	3.756	0.005	0	0	0	13
C PD.2819	PL.26688	A	fuse6AMP	7.59Y	126.4	0.00	-0.42	6.79	116	51	8	99	0.00	0.0	3.756	0.000	0	0	0	13 C
PL.26689	PD.2819	A	4ACSR	7.59Y	126.4	0.00	-0.42	6.79	3	51	8	99	0.00	0.0	3.763	0.007	0	0	0	13
515912	PL.26689	A	Consumer	7.59Y	126.4	0.00	-0.42	0.00	0	0	0	100	0.00	0.0	3.763	0.000	0	0	0	0
515917	PL.26689	A	Consumer	7.59Y	126.4	0.00	-0.42	0.37	0	3	0	100	0.00	0.0	3.763	0.000	3	0	1	1
515920	PL.26689	A	Consumer	7.59Y	126.4	0.00	-0.42	0.38	0	3	0	100	0.00	0.0	3.763	0.000	3	0	1	1
PL.12744	PL.26689	A	4ACSR	7.58Y	126.4	0.01	-0.41	6.04	3	45	7	99	0.00	0.0	3.788	0.026	0	0	0	11
515925	PL.12744	A	Consumer	7.58Y	126.4	0.00	-0.41	0.74	0	6	1	99	0.00	0.0	3.788	0.000	6	1	1	1
515924	PL.12744	A	Consumer	7.58Y	126.4	0.00	-0.41	0.60	0	4	1	97	0.00	0.0	3.788	0.000	4	1	1	1
515921	PL.12744	A	Consumer	7.58Y	126.4	0.00	-0.41	0.38	0	3	0	100	0.00	0.0	3.788	0.000	3	0	1	1
515918	PL.12744	A	Consumer	7.58Y	126.4	0.00	-0.41	0.26	0	2	0	100	0.00	0.0	3.788	0.000	2	0	1	1
515922	PL.12744	A	Consumer	7.58Y	126.4	0.00	-0.41	0.21	0	2	0	100	0.00	0.0	3.788	0.000	2	0	1	1
PL.12745	PL.12744	A	4ACSR	7.58Y	126.4	0.00	-0.41	3.85	2	29	5	99	0.00	0.0	3.811	0.023	0	0	0	6
PL.25011	PL.12745	A	4ACSR	7.58Y	126.4	0.00	-0.41	1.66	1	12	2	99	0.00	0.0	3.849	0.037	0	0	0	3
515804	PL.25011	A	Consumer	7.58Y	126.4	0.00	-0.41	0.58	0	4	1	97	0.00	0.0	3.849	0.000	4	1	1	1
514815	PL.25011	A	Consumer	7.58Y	126.4	0.00	-0.41	0.00	0	0	0	100	0.00	0.0	3.849	0.000	0	0	0	0
514929	PL.25011	A	Consumer	7.58Y	126.4	0.00	-0.41	0.53	0	4	1	97	0.00	0.0	3.849	0.000	4	1	1	1
514930	PL.25011	A	Consumer	7.58Y	126.4	0.00	-0.41	0.55	0	4	1	97	0.00	0.0	3.849	0.000	4	1	1	1
514928	PL.12745	A	Consumer	7.58Y	126.4	0.00	-0.41	0.72	0	5	1	98	0.00	0.0	3.811	0.000	5	1	1	1
515923	PL.12745	A	Consumer	7.58Y	126.4	0.00	-0.41	0.52	0	4	1	97	0.00	0.0	3.811	0.000	4	1	1	1
514927	PL.12745	A	Consumer	7.58Y	126.4	0.00	-0.41	0.95	0	7	1	99	0.00	0.0	3.811	0.000	7	1	1	1
PL.12746	PL.38660	A	4ACSR	7.58Y	126.4	0.01	-0.41	7.26	4	54	9	99	0.00	0.0	3.784	0.034	0	0	0	12
515907	PL.12746	A	Consumer	7.58Y	126.4	0.00	-0.41	0.00	0	0	0	100	0.00	0.0	3.784	0.000	0	0	0	0
516018	PL.12746	A	Consumer	7.58Y	126.4	0.00	-0.41	0.19	0	1	0	100	0.00	0.0	3.784	0.000	1	0	1	1
515911	PL.12746	A	Consumer	7.58Y	126.4	0.00	-0.41	0.00	0	0	0	100	0.00	0.0	3.784	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW		Cons		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss			On	Thru			
516019	PL.12746	A	Consumer	7.58Y	126.4	0.00	-0.41	0.26	0	2	0	100	0.00	0.0	3.784	0.000	2	0	1	1
515913	PL.12746	A	Consumer	7.58Y	126.4	0.00	-0.41	0.74	0	6	1	99	0.00	0.0	3.784	0.000	6	1	1	1
515915	PL.12746	A	Consumer	7.58Y	126.4	0.00	-0.41	0.16	0	1	0	100	0.00	0.0	3.784	0.000	1	0	1	1
5159026	PL.12746	A	Consumer	7.58Y	126.4	0.00	-0.41	1.25	0	9	1	99	0.00	0.0	3.784	0.000	9	1	1	1
515905	PL.12746	A	Consumer	7.58Y	126.4	0.00	-0.41	1.33	0	10	2	98	0.00	0.0	3.784	0.000	10	2	1	1
515916	PL.12746	A	Consumer	7.58Y	126.4	0.00	-0.41	0.21	0	2	0	100	0.00	0.0	3.784	0.000	2	0	1	1
PL.12747	PL.12746	A	4ACSR	7.58Y	126.4	0.00	-0.41	0.80	0	6	1	99	0.00	0.0	3.827	0.043	0	0	0	2
514909	PL.12747	A	Consumer	7.58Y	126.4	0.00	-0.41	0.64	0	5	1	98	0.00	0.0	3.827	0.000	5	1	1	1
514908	PL.12747	A	Consumer	7.58Y	126.4	0.00	-0.41	0.15	0	1	0	100	0.00	0.0	3.827	0.000	1	0	1	1
PL.2890	PL.12746	A	4ACSR	7.58Y	126.4	0.00	-0.41	2.32	1	17	3	98	0.00	0.0	3.817	0.033	0	0	0	3
514922	PL.2890	A	Consumer	7.58Y	126.4	0.00	-0.41	1.87	0	14	2	99	0.00	0.0	3.817	0.000	14	2	1	1
516012	PL.2890	A	Consumer	7.58Y	126.4	0.00	-0.41	0.27	0	2	0	100	0.00	0.0	3.817	0.000	2	0	1	1
514931	PL.2890	A	Consumer	7.58Y	126.4	0.00	-0.41	0.00	0	0	0	100	0.00	0.0	3.817	0.000	0	0	0	0
514914	PL.2890	A	Consumer	7.58Y	126.4	0.00	-0.41	0.18	0	1	0	100	0.00	0.0	3.817	0.000	1	0	1	1
514802	PL.5803	A	Consumer	7.59Y	126.5	0.00	-0.46	0.00	0	0	0	100	0.00	0.0	3.619	0.000	0	0	0	0
PL.19032	PL.12750	C	4ACSR	7.44Y	124.0	0.01	2.02	4.74	2	35	6	99	0.00	0.0	3.593	0.034	0	0	0	13
PL.19033	PL.19032	C	4ACSR	7.44Y	124.0	0.00	2.03	2.82	1	21	3	99	0.00	0.0	3.627	0.034	0	0	0	9
PL.3451	PL.19033	C	4ACSR	7.44Y	124.0	0.00	2.03	0.69	0	5	1	98	0.00	0.0	3.661	0.033	0	0	0	4
513702	PL.3451	C	Consumer	7.44Y	124.0	0.00	2.03	0.14	0	1	0	100	0.00	0.0	3.661	0.000	1	0	1	1
513812	PL.3451	C	Consumer	7.44Y	124.0	0.00	2.03	0.20	0	1	0	100	0.00	0.0	3.661	0.000	1	0	1	1
513801	PL.3451	C	Consumer	7.44Y	124.0	0.00	2.03	0.19	0	1	0	100	0.00	0.0	3.661	0.000	1	0	1	1
513815	PL.3451	C	Consumer	7.44Y	124.0	0.00	2.03	0.15	0	1	0	100	0.00	0.0	3.661	0.000	1	0	1	1
514807	PL.19033	C	Consumer	7.44Y	124.0	0.00	2.03	0.64	0	5	1	98	0.00	0.0	3.627	0.000	5	1	1	1
514803	PL.19033	C	Consumer	7.44Y	124.0	0.00	2.03	0.36	0	3	0	100	0.00	0.0	3.627	0.000	3	0	1	1
514804	PL.19033	C	Consumer	7.44Y	124.0	0.00	2.03	0.53	0	4	1	97	0.00	0.0	3.627	0.000	4	1	1	1
5148020	PL.19033	C	Consumer	7.44Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	3.627	0.000	0	0	0	0
514805	PL.19033	C	Consumer	7.44Y	124.0	0.00	2.03	0.29	0	2	0	100	0.00	0.0	3.627	0.000	2	0	1	1
513832	PL.19033	C	Consumer	7.44Y	124.0	0.00	2.03	0.32	0	2	0	100	0.00	0.0	3.627	0.000	2	0	1	1
514809	PL.19032	C	Consumer	7.44Y	124.0	0.00	2.02	0.78	0	6	1	99	0.00	0.0	3.593	0.000	6	1	1	1
514812	PL.19032	C	Consumer	7.44Y	124.0	0.00	2.02	0.79	0	6	1	99	0.00	0.0	3.593	0.000	6	1	1	1
514810	PL.19032	C	Consumer	7.44Y	124.0	0.00	2.02	0.11	0	1	0	100	0.00	0.0	3.593	0.000	1	0	1	1
514806	PL.19032	C	Consumer	7.44Y	124.0	0.00	2.02	0.24	0	2	0	100	0.00	0.0	3.593	0.000	2	0	1	1
PL.3438	PL.12750	A	4ACSR	7.59Y	126.5	0.00	-0.47	0.37	0	3	0	100	0.00	0.0	3.595	0.036	0	0	0	2
514907	PL.3438	A	Consumer	7.59Y	126.5	0.00	-0.47	0.30	0	2	0	100	0.00	0.0	3.595	0.000	2	0	1	1
514903	PL.3438	A	Consumer	7.59Y	126.5	0.00	-0.47	0.07	0	1	0	100	0.00	0.0	3.595	0.000	1	0	1	1
PL.5799	PL.12751	C	4ACSR	7.44Y	124.0	0.01	2.02	4.14	2	30	5	99	0.00	0.0	3.550	0.032	0	0	0	7
PL.5800	PL.5799	C	4ACSR	7.44Y	124.0	0.00	2.02	3.32	2	24	4	99	0.00	0.0	3.560	0.010	0	0	0	5
513817	PL.5800	C	Consumer	7.44Y	124.0	0.00	2.02	0.37	0	3	0	100	0.00	0.0	3.560	0.000	3	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
513819	PL.5800	C	Consumer	7.44Y	124.0	0.00	2.02	0.46	0	3	1	95	0.00	0.0	3.560	0.000	3	1	1	1
513834	PL.5800	C	Consumer	7.44Y	124.0	0.00	2.02	1.22	0	9	1	99	0.00	0.0	3.560	0.000	9	1	1	1
513818	PL.5800	C	Consumer	7.44Y	124.0	0.00	2.02	0.44	0	3	1	95	0.00	0.0	3.560	0.000	3	1	1	1
513820	PL.5800	C	Consumer	7.44Y	124.0	0.00	2.02	0.82	0	6	1	99	0.00	0.0	3.560	0.000	6	1	1	1
513823	PL.5799	C	Consumer	7.44Y	124.0	0.00	2.02	0.26	0	2	0	100	0.00	0.0	3.550	0.000	2	0	1	1
514913	PL.5799	C	Consumer	7.44Y	124.0	0.00	2.02	0.56	0	4	1	97	0.00	0.0	3.550	0.000	4	1	1	1
513919	PL.5799	C	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	3.550	0.000	0	0	0	0
PL.3439	PL.20225	C	4ACSR	7.44Y	124.0	0.01	2.02	6.50	3	48	8	99	0.00	0.0	3.510	0.025	0	0	0	10
PL.25018	PL.3439	C	4ACSR	7.44Y	124.0	0.01	2.03	4.48	2	33	5	99	0.00	0.0	3.554	0.043	0	0	0	6
513807	PL.25018	C	Consumer	7.44Y	124.0	0.00	2.03	0.42	0	3	0	100	0.00	0.0	3.554	0.000	3	0	1	1
513816	PL.25018	C	Consumer	7.44Y	124.0	0.00	2.03	0.44	0	3	1	95	0.00	0.0	3.554	0.000	3	1	1	1
513833	PL.25018	C	Consumer	7.44Y	124.0	0.00	2.03	1.08	0	8	1	99	0.00	0.0	3.554	0.000	8	1	1	1
PL.25019	PL.25018	C	4ACSR	7.44Y	124.0	0.00	2.03	2.54	1	19	3	99	0.00	0.0	3.574	0.021	0	0	0	3
513831	PL.25019	C	Consumer	7.44Y	124.0	0.00	2.03	1.52	0	11	2	98	0.00	0.0	3.574	0.000	11	2	1	1
513806	PL.25019	C	Consumer	7.44Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	3.574	0.000	0	0	0	0
513828	PL.25019	C	Consumer	7.44Y	124.0	0.00	2.03	0.95	0	7	1	99	0.00	0.0	3.574	0.000	7	1	1	1
513826	PL.25019	C	Consumer	7.44Y	124.0	0.00	2.03	0.07	0	1	0	100	0.00	0.0	3.574	0.000	1	0	1	1
513901	PL.3439	C	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	3.510	0.000	0	0	0	0
513927	PL.3439	C	Consumer	7.44Y	124.0	0.00	2.02	0.90	0	7	1	99	0.00	0.0	3.510	0.000	7	1	1	1
513924	PL.3439	C	Consumer	7.44Y	124.0	0.00	2.02	0.22	0	2	0	100	0.00	0.0	3.510	0.000	2	0	1	1
513914	PL.3439	C	Consumer	7.44Y	124.0	0.00	2.02	0.29	0	2	0	100	0.00	0.0	3.510	0.000	2	0	1	1
513827	PL.3439	C	Consumer	7.44Y	124.0	0.00	2.02	0.60	0	4	1	97	0.00	0.0	3.510	0.000	4	1	1	1
PL.43529	PL.20057	B	4ACSR	7.39Y	123.1	0.01	2.91	15.54	8	110	32	96	0.00	0.0	3.428	0.008	0	0	0	28
PD.3715	PL.43529	B	25V4E	7.39Y	123.1	0.00	2.91	15.54	62	110	32	96	0.00	0.0	3.428	0.000	0	0	0	28
PL.43530	PD.3715	B	4ACSR	7.38Y	123.1	0.01	2.92	15.54	8	110	32	96	0.01	0.0	3.437	0.009	0	0	0	28
PL.5802	PL.43530	B	4ACSR	7.38Y	123.1	0.02	2.94	11.75	6	84	23	96	0.01	0.0	3.470	0.033	0	0	0	18
PL.3442	PL.5802	B	4ACSR	7.38Y	123.0	0.03	2.97	11.75	6	84	23	96	0.02	0.0	3.524	0.054	0	0	0	18
515019	PL.3442	B	Consumer	7.38Y	123.0	0.00	2.97	1.23	0	9	1	99	0.00	0.0	3.524	0.000	9	1	1	1
PL.19991	PL.3442	B	4ACSR	7.38Y	123.0	0.01	2.98	3.81	2	28	6	98	0.00	0.0	3.609	0.085	0	0	0	10
PL.19862	PL.19991	B	4ACSR	7.38Y	123.0	0.00	2.98	2.52	1	18	3	99	0.00	0.0	3.616	0.007	0	0	0	7
515016	PL.19862	B	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	3.616	0.000	0	0	0	0
515018	PL.19862	B	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	3.616	0.000	0	0	1	1
PL.25013	PL.19862	B	4ACSR	7.38Y	123.0	0.00	2.98	2.52	1	18	3	99	0.00	0.0	3.639	0.024	0	0	0	6
PL.25014	PL.25013	B	4ACSR	7.38Y	123.0	0.00	2.98	1.18	1	9	1	99	0.00	0.0	3.673	0.033	0	0	0	2
516003	PL.25014	B	Consumer	7.38Y	123.0	0.00	2.98	0.11	0	1	0	100	0.00	0.0	3.673	0.000	1	0	1	1
516016	PL.25014	B	Consumer	7.38Y	123.0	0.00	2.98	1.07	0	8	1	99	0.00	0.0	3.673	0.000	8	1	1	1
516002	PL.25013	B	Consumer	7.38Y	123.0	0.00	2.98	0.19	0	1	0	100	0.00	0.0	3.639	0.000	1	0	1	1
516013	PL.25013	B	Consumer	7.38Y	123.0	0.00	2.98	0.37	0	3	0	100	0.00	0.0	3.639	0.000	3	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
516008	PL.25013	B	Consumer	7.38Y	123.0	0.00	2.98	0.46	0	3	1	95	0.00	0.0	3.639	0.000	3	1	1	1
516001	PL.25013	B	Consumer	7.38Y	123.0	0.00	2.98	0.30	0	2	0	100	0.00	0.0	3.639	0.000	2	0	1	1
515020	PL.19991	B	Consumer	7.38Y	123.0	0.00	2.98	0.52	0	3	2	83	0.00	0.0	3.609	0.000	3	2	1	1
516005	PL.19991	B	Consumer	7.38Y	123.0	0.00	2.98	0.43	0	3	1	95	0.00	0.0	3.609	0.000	3	1	1	1
515006	PL.19991	B	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	3.609	0.000	0	0	0	0
516017	PL.19991	B	Consumer	7.38Y	123.0	0.00	2.98	0.37	0	3	0	100	0.00	0.0	3.609	0.000	3	0	1	1
PL.38658	PL.3442	B	4ACSR	7.38Y	123.0	0.00	2.97	6.74	3	47	16	95	0.00	0.0	3.532	0.008	0	0	0	7
C PD.7052	PL.38658	B	fuse6AMP	7.38Y	123.0	0.00	2.97	6.74	115	47	16	95	0.00	0.0	3.532	0.000	0	0	0	7 C
PL.38657	PD.7052	B	4ACSR	7.38Y	123.0	0.01	2.98	6.74	3	47	16	95	0.00	0.0	3.564	0.033	0	0	0	7
PL.3437	PL.38657	B	4ACSR	7.38Y	123.0	0.00	2.98	3.39	2	25	5	98	0.00	0.0	3.584	0.019	0	0	0	6
514917	PL.3437	B	Consumer	7.38Y	123.0	0.00	2.98	1.23	0	9	1	99	0.00	0.0	3.584	0.000	9	1	1	1
514911	PL.3437	B	Consumer	7.38Y	123.0	0.00	2.98	0.11	0	1	0	100	0.00	0.0	3.584	0.000	1	0	1	1
514906	PL.3437	B	Consumer	7.38Y	123.0	0.00	2.98	0.29	0	2	0	100	0.00	0.0	3.584	0.000	2	0	1	1
513904	PL.3437	B	Consumer	7.38Y	123.0	0.00	2.98	0.31	0	2	1	89	0.00	0.0	3.584	0.000	2	1	1	1
PL.3441	PL.3437	B	4ACSR	7.38Y	123.0	0.00	2.98	1.46	1	11	2	98	0.00	0.0	3.619	0.035	0	0	0	2
514920	PL.3441	B	Consumer	7.38Y	123.0	0.00	2.98	1.26	0	9	1	99	0.00	0.0	3.619	0.000	9	1	1	1
515010	PL.3441	B	Consumer	7.38Y	123.0	0.00	2.98	0.21	0	1	0	100	0.00	0.0	3.619	0.000	1	0	1	1
514002	PL.38657	B	Consumer	7.38Y	123.0	0.00	2.98	3.41	0	23	11	90	0.00	0.0	3.564	0.000	23	11	1	1
513929	PL.43530	B	Consumer	7.38Y	123.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	3.437	0.000	0	0	0	0
513925	PL.43530	B	Consumer	7.38Y	123.1	0.00	2.92	0.26	0	2	1	89	0.00	0.0	3.437	0.000	2	1	1	1
513931	PL.43530	B	Consumer	7.38Y	123.1	0.00	2.92	0.08	0	1	0	100	0.00	0.0	3.437	0.000	1	0	1	1
513910	PL.43530	B	Consumer	7.38Y	123.1	0.00	2.92	0.24	0	2	0	100	0.00	0.0	3.437	0.000	2	0	1	1
513912	PL.43530	B	Consumer	7.38Y	123.1	0.00	2.92	0.91	0	7	1	99	0.00	0.0	3.437	0.000	7	1	1	1
513932	PL.43530	B	Consumer	7.38Y	123.1	0.00	2.92	0.30	0	2	1	89	0.00	0.0	3.437	0.000	2	1	1	1
513928	PL.43530	B	Consumer	7.38Y	123.1	0.00	2.92	0.41	0	3	1	95	0.00	0.0	3.437	0.000	3	1	1	1
513915	PL.43530	B	Consumer	7.38Y	123.1	0.00	2.92	0.17	0	1	0	100	0.00	0.0	3.437	0.000	1	0	1	1
513926	PL.43530	B	Consumer	7.38Y	123.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	3.437	0.000	0	0	0	0
513909	PL.43530	B	Consumer	7.38Y	123.1	0.00	2.92	0.17	0	1	0	100	0.00	0.0	3.437	0.000	1	0	1	1
513930	PL.43530	B	Consumer	7.38Y	123.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	3.437	0.000	0	0	1	1
513933	PL.43530	B	Consumer	7.38Y	123.1	0.00	2.92	1.29	0	9	4	91	0.00	0.0	3.437	0.000	9	4	1	1
512921	PL.19444	B	Consumer	7.39Y	123.1	0.00	2.88	0.03	0	0	0	100	0.00	0.0	3.343	0.000	0	0	1	1
512922	PL.19444	B	Consumer	7.39Y	123.1	0.00	2.88	0.00	0	0	0	100	0.00	0.0	3.343	0.000	0	0	0	0
512820	PL.19766	A C	Consumer	7.59Y 7.44Y	126.5 124.0	0.00 0.00	-0.50 2.01	0.43 0.44	0 0	3 3	1 1	95 99	0.00 0.00	0.0 0.0	3.284	0.000	3 3	1 1	1 1	1 1
512819	PL.19766	A	Consumer	7.59Y	126.5	0.00	-0.50	1.16	0	9	1	99	0.00	0.0	3.284	0.000	9	1	1	1
512813	PL.19766	A	Consumer	7.59Y	126.5	0.00	-0.50	0.46	0	3	1	95	0.00	0.0	3.284	0.000	3	1	1	1
512818	PL.19766	A	Consumer	7.59Y	126.5	0.00	-0.50	0.95	0	7	1	99	0.00	0.0	3.284	0.000	7	1	1	1
512810	PL.19766	A	Consumer	7.59Y	126.5	0.00	-0.50	0.60	0	4	1	97	0.00	0.0	3.284	0.000	4	1	1	1
512812	PL.19766	A	Consumer	7.59Y	126.5	0.00	-0.50	0.57	0	4	2	89	0.00	0.0	3.284	0.000	4	2	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
512903	PL.19766	A	Consumer	7.59Y	126.5	0.00	-0.50	0.57	0	4	1	97	0.00	0.0	3.284	0.000	4	1	1	1
PL.12754	PL.19766	C	4ACSR	7.44Y	124.0	0.01	2.02	4.03	2	30	5	99	0.00	0.0	3.338	0.054	0	0	0	8
PL.12752	PL.12754	C	4ACSR	7.44Y	124.0	0.01	2.03	3.57	2	26	4	99	0.00	0.0	3.409	0.071	0	0	0	7
513830	PL.12752	C	Consumer	7.44Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	3.409	0.000	0	0	0	0
513813	PL.12752	C	Consumer	7.44Y	124.0	0.00	2.03	0.09	0	1	0	100	0.00	0.0	3.409	0.000	1	0	1	1
513802	PL.12752	C	Consumer	7.44Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	3.409	0.000	0	0	0	0
513805	PL.12752	C	Consumer	7.44Y	124.0	0.00	2.03	0.66	0	5	1	98	0.00	0.0	3.409	0.000	5	1	1	1
513836	PL.12752	C	Consumer	7.44Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	3.409	0.000	0	0	0	0
513825	PL.12752	C	Consumer	7.44Y	124.0	0.00	2.03	0.13	0	1	0	100	0.00	0.0	3.409	0.000	1	0	1	1
513704	PL.12752	C	Consumer	7.44Y	124.0	0.00	2.03	0.30	0	2	0	100	0.00	0.0	3.409	0.000	2	0	1	1
PL.3450	PL.12752	C	4ACSR	7.44Y	124.0	0.00	2.03	2.40	1	18	3	99	0.00	0.0	3.423	0.014	0	0	0	3
PL.7205	PL.3450	C	4ACSR	7.44Y	124.0	0.00	2.03	1.75	1	13	2	99	0.00	0.0	3.444	0.021	0	0	0	2
513705	PL.7205	C	Consumer	7.44Y	124.0	0.00	2.03	1.34	0	10	2	98	0.00	0.0	3.444	0.000	10	2	1	1
PL.7206	PL.7205	C	4ACSR	7.44Y	124.0	0.00	2.03	0.41	0	3	0	100	0.00	0.0	3.471	0.027	0	0	0	1
513703	PL.7206	C	Consumer	7.44Y	124.0	0.00	2.03	0.41	0	3	0	100	0.00	0.0	3.471	0.000	3	0	1	1
513701	PL.3450	C	Consumer	7.44Y	124.0	0.00	2.03	0.64	0	5	1	98	0.00	0.0	3.423	0.000	5	1	1	1
513829	PL.12754	C	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	3.338	0.000	0	0	0	0
512821	PL.12754	C	Consumer	7.44Y	124.0	0.00	2.02	0.46	0	3	1	95	0.00	0.0	3.338	0.000	3	1	1	1
512815	PL.195	A	Consumer	7.59Y	126.5	0.00	-0.52	0.05	0	0	0	100	0.00	0.0	3.183	0.000	0	0	1	1
		C		7.44Y	124.0	0.00	2.01	0.05	0	0	0	90					0	0	1	1
511819	PL.195	A	Consumer	7.59Y	126.5	0.00	-0.52	0.42	0	3	1	95	0.00	0.0	3.183	0.000	3	1	1	1
511805	PL.195	A	Consumer	7.59Y	126.5	0.00	-0.52	0.27	0	2	0	100	0.00	0.0	3.183	0.000	2	0	1	1
PL.3444	PL.195	A	336ACSR	7.59Y	126.5	-0.00	-0.52	0.16	0	1	1	71	0.00	0.0	3.232	0.049	0	0	0	1
		B		7.39Y	123.2	0.00	2.83	0.16	0	1	1	90					0	0	0	1
		C		7.44Y	124.0	0.00	2.01	4.86	1	36	6	99					0	0	0	11
512705	PL.3444	A	Consumer	7.59Y	126.5	0.00	-0.52	0.00	0	0	0	100	0.00	0.0	3.232	0.000	0	0	0	0
511713	PL.3444	C	Consumer	7.44Y	124.0	0.00	2.01	0.52	0	4	1	97	0.00	0.0	3.232	0.000	4	1	1	1
5127010	PL.3444	A	Consumer	7.59Y	126.5	0.00	-0.52	0.16	0	1	1	71	0.00	0.0	3.232	0.000	1	0	1	1
		B		7.39Y	123.2	0.00	2.83	0.16	0	1	1	90					1	0	1	1
5127011	5127010	A	Consumer	7.59Y	126.5	0.00	-0.52	0.01	0	0	0	100	0.00	0.0	3.232	0.000	0	0	1	1
		B		7.39Y	123.2	0.00	2.83	0.01	0	0	0	90					0	0	1	1
512702	PL.3444	C	Consumer	7.44Y	124.0	0.00	2.01	0.32	0	2	0	100	0.00	0.0	3.232	0.000	2	0	1	1
512709	PL.3444	C	Consumer	7.44Y	124.0	0.00	2.01	1.09	0	8	1	99	0.00	0.0	3.232	0.000	8	1	1	1
512708	PL.3444	C	Consumer	7.44Y	124.0	0.00	2.01	0.02	0	0	0	100	0.00	0.0	3.232	0.000	0	0	1	1
512704	PL.3444	C	Consumer	7.44Y	124.0	0.00	2.01	0.25	0	2	0	100	0.00	0.0	3.232	0.000	2	0	1	1
512706	PL.3444	C	Consumer	7.44Y	124.0	0.00	2.01	0.40	0	3	0	100	0.00	0.0	3.232	0.000	3	0	1	1
512701	PL.3444	C	Consumer	7.44Y	124.0	0.00	2.01	0.32	0	2	0	100	0.00	0.0	3.232	0.000	2	0	1	1
PL.33248	PL.3444	C	4ACSR	7.44Y	124.0	0.00	2.01	1.94	1	14	2	99	0.00	0.0	3.266	0.034	0	0	0	4
512806	PL.33248	C	Consumer	7.44Y	124.0	0.00	2.01	1.34	0	10	2	98	0.00	0.0	3.266	0.000	10	2	1	1
512707	PL.33248	C	Consumer	7.44Y	124.0	0.00	2.01	0.37	0	3	0	100	0.00	0.0	3.266	0.000	3	0	1	1
512807	PL.33248	C	Consumer	7.44Y	124.0	0.00	2.01	0.17	0	1	0	100	0.00	0.0	3.266	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
512817	PL.33248	C	Consumer	7.44Y	124.0	0.00	2.01	0.05	0	0	0	100	0.00	0.0	3.266	0.000	0	0	1	1
PL.15800	PL.20087	A	4ACSR	7.59Y	126.5	0.00	-0.53	3.01	2	22	5	98	0.00	0.0	3.125	0.006	0	0	0	8
PD.2419	PL.15800	A	fuse6AMP	7.59Y	126.5	0.00	-0.53	3.01	51	22	5	98	0.00	0.0	3.125	0.000	0	0	0	8
PL.15801	PD.2419	A	4ACSR	7.59Y	126.5	0.00	-0.53	3.01	2	22	5	98	0.00	0.0	3.153	0.028	0	0	0	8
PL.12757	PL.15801	A	4ACSR	7.59Y	126.5	0.00	-0.52	1.68	1	13	2	99	0.00	0.0	3.192	0.039	0	0	0	5
510723	PL.12757	A	Consumer	7.59Y	126.5	0.00	-0.52	0.18	0	1	0	100	0.00	0.0	3.192	0.000	1	0	1	1
510713	PL.12757	A	Consumer	7.59Y	126.5	0.00	-0.52	0.35	0	3	0	100	0.00	0.0	3.192	0.000	3	0	1	1
510712	PL.12757	A	Consumer	7.59Y	126.5	0.00	-0.52	0.34	0	3	0	100	0.00	0.0	3.192	0.000	3	0	1	1
510722	PL.12757	A	Consumer	7.59Y	126.5	0.00	-0.52	0.35	0	3	0	100	0.00	0.0	3.192	0.000	3	0	1	1
510714	PL.12757	A	Consumer	7.59Y	126.5	0.00	-0.52	0.45	0	3	1	95	0.00	0.0	3.192	0.000	3	1	1	1
510801	PL.15801	A	Consumer	7.59Y	126.5	0.00	-0.53	0.18	0	1	0	100	0.00	0.0	3.153	0.000	1	0	1	1
511821	PL.15801	A	Consumer	7.59Y	126.5	0.00	-0.53	0.00	0	0	0	100	0.00	0.0	3.153	0.000	0	0	0	0
511822	PL.15801	A	Consumer	7.59Y	126.5	0.00	-0.53	0.80	0	5	3	86	0.00	0.0	3.153	0.000	5	3	1	1
511817	PL.15801	A	Consumer	7.59Y	126.5	0.00	-0.53	0.37	0	3	0	100	0.00	0.0	3.153	0.000	3	0	1	1
511801	PL.15801	A	Consumer	7.59Y	126.5	0.00	-0.53	0.00	0	0	0	100	0.00	0.0	3.153	0.000	0	0	0	0
511820	PL.20087	B	Consumer	7.39Y	123.2	0.00	2.81	0.89	0	7	1	99	0.00	0.0	3.119	0.000	7	1	1	1
511823	PL.20087	B	Consumer	7.39Y	123.2	0.00	2.81	0.16	0	1	0	100	0.00	0.0	3.119	0.000	1	0	1	1
511807	PL.20087	C	Consumer	7.44Y	124.0	0.00	2.00	0.69	0	5	1	98	0.00	0.0	3.119	0.000	5	1	1	1
511804	PL.20087	B	Consumer	7.39Y	123.2	0.00	2.81	0.23	0	2	0	100	0.00	0.0	3.119	0.000	2	0	1	1
PL.194	PL.24821	A	336ACSR	7.60Y	126.6	-0.01	-0.60	12.29	2	87	-33	-93	0.08	0.0	2.766	0.026	0	0	0	13
		B		7.40Y	123.3	0.01	2.73	19.52	3	142	-26	-98			0	0	0	0	33	
		C		7.44Y	124.0	0.02	2.02	92.37	13	684	69	100			0	0	0	0	116	
509001	PL.194	B	Consumer	7.40Y	123.3	0.00	2.73	0.97	0	7	1	99	0.00	0.0	2.766	0.000	7	1	1	1
509003	PL.194	B	Consumer	7.40Y	123.3	0.00	2.73	0.20	0	1	1	71	0.00	0.0	2.766	0.000	1	1	1	1
PL.375	PL.194	A	336ACSR	7.60Y	126.6	-0.03	-0.63	12.29	2	87	-33	-93	0.19	0.0	2.826	0.060	0	0	0	13
		B		7.39Y	123.2	0.02	2.75	18.45	3	134	-28	-98			0	0	0	0	31	
		C		7.44Y	123.9	0.04	2.06	92.37	13	684	68	100			0	0	0	0	116	
PL.7904	PL.375	A	397ACSR	7.60Y	126.6	-0.01	-0.64	3.64	0	27	4	99	0.01	0.0	2.898	0.072	0	0	0	6
		B		7.39Y	123.2	0.00	2.76	1.17	0	8	2	98			0	0	0	0	6	
		C		7.44Y	123.9	0.01	2.07	21.46	3	158	25	99			0	0	0	0	24	
071601	PL.7904	A	Consumer	7.60Y	126.6	0.00	-0.64	0.78	0	6	1	99	0.00	0.0	2.898	0.000	6	1	1	1
PL.28984	PL.7904	A	397ACSR	7.60Y	126.6	-0.00	-0.64	2.86	0	21	3	99	0.01	0.0	2.931	0.034	0	0	0	5
		B		7.39Y	123.2	0.00	2.76	1.17	0	8	2	98			0	0	0	0	6	
		C		7.44Y	123.9	0.01	2.08	21.46	3	158	25	99			0	0	0	0	24	
PL.28985	PL.28984	A	397ACSR	7.60Y	126.6	-0.00	-0.64	1.66	0	12	2	99	0.00	0.0	2.940	0.009	0	0	0	4
		B		7.39Y	123.2	0.00	2.76	1.17	0	8	2	98			0	0	0	0	6	
		C		7.44Y	123.9	0.00	2.08	21.46	3	158	25	99			0	0	0	0	24	
PL.15846	PL.28985	A	397ACSR	7.60Y	126.6	-0.00	-0.64	1.66	0	12	2	99	0.00	0.0	2.946	0.006	0	0	0	4
		B		7.39Y	123.2	0.00	2.76	1.17	0	8	2	98			0	0	0	0	6	
		C		7.44Y	123.9	0.00	2.08	21.46	3	158	25	99			0	0	0	0	24	
PD.3622	PL.15846	A	70V4E	7.60Y	126.6	0.00	-0.64	1.66	0	12	2	99	0.00	0.0	2.946	0.000	0	0	0	4
		B		7.39Y	123.2	0.00	2.76	1.17	0	8	2	98			0	0	0	0	6	
		C		7.44Y	123.9	0.00	2.08	21.46	0	158	25	99			0	0	0	0	24	
PL.15847	PD.3622	A	397ACSR	7.60Y	126.6	-0.01	-0.65	1.66	0	12	2	99	0.01	0.0	2.985	0.039	0	0	0	4
		B		7.39Y	123.2	0.00	2.77	1.17	0	8	2	98			0	0	0	0	6	
		C		7.43Y	123.9	0.01	2.09	21.46	3	158	25	99			0	0	0	0	24	

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
071652	PL.15847	A	Consumer	7.60Y	126.6	0.00	-0.65	0.48	0	4	1	97	0.00	0.0	2.985	0.000	4	1	1	1
071622	PL.15847	A	Consumer	7.60Y	126.6	0.00	-0.65	0.74	0	6	1	99	0.00	0.0	2.985	0.000	6	1	1	1
PL.13849	PL.15847	A	397ACSR	7.60Y	126.7	-0.01	-0.66	0.43	0	3	1	95	0.01	0.0	3.061	0.076	0	0	0	2
		B		7.39Y	123.2	0.01	2.77	1.17	0	8	2	98					0	0	0	6
		C		7.43Y	123.9	0.01	2.10	21.46	3	158	25	99					0	0	0	24
PL.13850	PL.13849	A	397ACSR	7.60Y	126.7	-0.03	-0.68	0.43	0	3	1	95	0.03	0.0	3.262	0.202	0	0	0	2
		B		7.39Y	123.2	0.02	2.79	1.17	0	8	2	98					0	0	0	6
		C		7.43Y	123.9	0.03	2.14	20.51	3	151	24	99					0	0	0	23
PL.15850	PL.13850	B	4ACSR	7.39Y	123.2	0.00	2.79	0.22	0	1	1	71	0.00	0.0	3.268	0.005	0	0	0	1
PD.3204	PL.15850	B	fuse6AMP	7.39Y	123.2	0.00	2.79	0.22	4	1	1	71	0.00	0.0	3.268	0.000	0	0	0	1
PL.15851	PD.3204	B	4ACSR	7.39Y	123.2	0.00	2.79	0.22	0	1	1	71	0.00	0.0	3.339	0.072	0	0	0	1
071603	PL.15851	B	Consumer	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	3.339	0.000	0	0	0	0
071625	PL.15851	B	Consumer	7.39Y	123.2	0.00	2.79	0.22	0	1	1	71	0.00	0.0	3.339	0.000	1	1	1	1
PL.13851	PL.13850	A	397ACSR	7.60Y	126.7	-0.03	-0.72	0.43	0	3	1	95	0.04	0.0	3.511	0.249	0	0	0	2
		B		7.39Y	123.2	0.02	2.81	0.96	0	7	1	99					0	0	0	5
		C		7.43Y	123.8	0.04	2.18	20.51	3	151	23	99					0	0	0	23
PL.7614	PL.13851	A	397ACSR	7.60Y	126.7	-0.01	-0.72	0.43	0	3	1	95	0.01	0.0	3.550	0.039	0	0	0	2
		B		7.39Y	123.2	0.00	2.81	0.96	0	7	1	99					0	0	0	5
		C		7.43Y	123.8	0.01	2.19	20.51	3	151	23	99					0	0	0	23
PL.7897	PL.7614	A	397ACSR	7.61Y	126.8	-0.06	-0.78	0.43	0	3	1	95	0.06	0.0	3.955	0.405	0	0	0	2
		B		7.39Y	123.2	0.03	2.84	0.44	0	3	1	99					0	0	0	2
		C		7.42Y	123.7	0.07	2.26	20.51	3	151	23	99					0	0	0	23
PL.13852	PL.7897	C	1/0EPRJCN	7.42Y	123.7	0.00	2.26	5.44	3	40	5	99	0.00	0.0	3.967	0.011	0	0	0	7
PL.13853	PL.13852	C	1/0EPRJCN	7.42Y	123.7	0.01	2.27	5.45	3	40	5	99	0.00	0.0	4.038	0.071	0	0	0	7
PL.13854	PL.13853	C	1/0EPRJCN	7.42Y	123.7	0.00	2.27	4.94	3	36	5	99	0.00	0.0	4.067	0.029	0	0	0	6
PL.20165	PL.13854	C	1/0EPRJCN	7.42Y	123.7	0.00	2.27	3.66	2	27	4	99	0.00	0.0	4.131	0.064	0	0	0	4
072687	PL.20165	C	Consumer	7.42Y	123.7	0.00	2.27	1.09	0	8	1	99	0.00	0.0	4.131	0.000	8	1	1	1
PL.20166	PL.20165	C	1/0EPRJCN	7.42Y	123.7	0.00	2.28	2.57	1	19	3	99	0.00	0.0	4.197	0.066	0	0	0	3
072682	PL.20166	C	Consumer	7.42Y	123.7	0.00	2.28	0.84	0	6	1	99	0.00	0.0	4.197	0.000	6	1	1	1
072694	PL.20166	C	Consumer	7.42Y	123.7	0.00	2.28	0.61	0	4	1	97	0.00	0.0	4.197	0.000	4	1	1	1
072688	PL.20166	C	Consumer	7.42Y	123.7	0.00	2.28	1.12	0	8	1	99	0.00	0.0	4.197	0.000	8	1	1	1
072691	PL.13854	C	Consumer	7.42Y	123.7	0.00	2.27	0.56	0	4	1	97	0.00	0.0	4.067	0.000	4	1	1	1
072686	PL.13854	C	Consumer	7.42Y	123.7	0.00	2.27	0.73	0	5	1	98	0.00	0.0	4.067	0.000	5	1	1	1
0726098	PL.13853	C	Consumer	7.42Y	123.7	0.00	2.27	0.51	0	4	1	97	0.00	0.0	4.038	0.000	4	1	1	1
0726104	PL.13853	C	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.038	0.000	0	0	0	0
PL.13855	PL.7897	A	397ACSR	7.61Y	126.8	-0.00	-0.78	0.43	0	3	1	95	0.00	0.0	3.995	0.040	0	0	0	2
		B		7.39Y	123.2	0.00	2.85	0.44	0	3	1	99					0	0	0	2
		C		7.42Y	123.7	0.01	2.26	15.06	2	110	18	99					0	0	0	16
PL.4510	PL.13855	B	4ACSR	7.39Y	123.2	0.00	2.85	0.02	0	0	0	100	0.00	0.0	4.077	0.081	0	0	0	1
072695	PL.4510	B	Consumer	7.39Y	123.2	0.00	2.85	0.02	0	0	0	100	0.00	0.0	4.077	0.000	0	0	1	1
PL.13856	PL.13855	A	397ACSR	7.61Y	126.8	-0.01	-0.80	0.43	0	3	1	95	0.01	0.0	4.135	0.140	0	0	0	2
		B		7.39Y	123.1	0.01	2.85	0.42	0	3	0	99					0	0	0	1
		C		7.42Y	123.7	0.02	2.28	15.06	2	110	18	99					0	0	0	16
PL.13857	PL.13856	A	397ACSR	7.61Y	126.8	-0.01	-0.81	0.43	0	3	1	95	0.01	0.0	4.260	0.125	0	0	0	2
		B		7.39Y	123.1	0.01	2.86	0.00	0	0	0	100					0	0	0	0
		C		7.42Y	123.7	0.02	2.30	15.06	2	110	18	99					0	0	0	16

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.4330	PL.13857	A	4ACSR	7.61Y	126.8	0.00	-0.81	0.43	0	3	1	95	0.00	0.0	4.298	0.038	0	0	0	2
072706	PL.4330	A	Consumer	7.61Y	126.8	0.00	-0.81	0.01	0	0	0	100	0.00	0.0	4.298	0.000	0	0	1	1
072710	PL.4330	A	Consumer	7.61Y	126.8	0.00	-0.81	0.43	0	3	1	95	0.00	0.0	4.298	0.000	3	1	1	1
PL.17310	PL.13857	C	4ACSR	7.42Y	123.7	0.00	2.30	0.92	0	7	1	99	0.00	0.0	4.265	0.006	0	0	0	1
PD.3209	PL.17310	C	fuse6AMP	7.42Y	123.7	0.00	2.30	0.92	16	7	1	99	0.00	0.0	4.265	0.000	0	0	0	1
PL.17311	PD.3209	C	4ACSR	7.42Y	123.7	0.00	2.30	0.92	0	7	1	99	0.00	0.0	4.312	0.047	0	0	0	1
072717	PL.17311	C	Consumer	7.42Y	123.7	0.00	2.30	0.92	0	7	1	99	0.00	0.0	4.312	0.000	7	1	1	1
PL.13858	PL.13857	A	397ACSR	7.61Y	126.8	-0.01	-0.82	0.00	0	0	0	100	0.01	0.0	4.344	0.084	0	0	0	0
		B		7.39Y	123.1	0.00	2.87	0.00	0	0	0	100					0	0	0	0
		C		7.42Y	123.7	0.01	2.31	14.15	2	104	17	99					0	0	0	15
PL.4508	PL.13858	C	4ACSR	7.42Y	123.7	0.00	2.31	2.22	1	16	3	98	0.00	0.0	4.382	0.038	0	0	0	2
072715	PL.4508	C	Consumer	7.42Y	123.7	0.00	2.31	0.93	0	7	1	99	0.00	0.0	4.382	0.000	7	1	1	1
072713	PL.4508	C	Consumer	7.42Y	123.7	0.00	2.31	1.30	0	9	2	98	0.00	0.0	4.382	0.000	9	2	1	1
PL.376	PL.13858	A	397ACSR	7.61Y	126.8	0.00	-0.82	0.00	0	0	0	100	0.00	0.0	4.472	0.128	0	0	0	0
		B		7.39Y	123.1	0.00	2.87	0.00	0	0	0	100					0	0	0	0
		C		7.42Y	123.7	0.00	2.31	0.00	0	0	0	100					0	0	0	0
PD.3208-A	PL.376	A	Open	7.61Y	126.8	0.00	-0.82	0.00	0	0	0	100	0.00	0.0	4.472	0.000	0	0	0	0
		B		7.39Y	123.1	0.00	2.87	0.00	0	0	0	100					0	0	0	0
		C		7.42Y	123.7	0.00	2.31	0.00	0	0	0	100					0	0	0	0
PL.13859	PL.13858	C	4ACSR	7.42Y	123.7	0.04	2.34	11.92	6	87	14	99	0.02	0.0	4.413	0.069	0	0	0	13
072714	PL.13859	C	Consumer	7.42Y	123.7	0.00	2.34	0.01	0	0	0	100	0.00	0.0	4.413	0.000	0	0	1	1
PL.13860	PL.13859	C	4ACSR	7.42Y	123.6	0.02	2.36	9.56	5	70	11	99	0.01	0.0	4.456	0.043	0	0	0	10
PL.4331	PL.13860	C	4ACSR	7.42Y	123.6	0.00	2.36	0.56	0	4	1	97	0.00	0.0	4.496	0.040	0	0	0	1
072711	PL.4331	C	Consumer	7.42Y	123.6	0.00	2.36	0.56	0	4	1	97	0.00	0.0	4.496	0.000	4	1	1	1
PL.32824	PL.13860	C	4ACSR	7.42Y	123.6	0.02	2.38	9.01	5	66	11	99	0.01	0.0	4.509	0.053	0	0	0	9
PL.32825	PL.32824	C	4ACSR	7.42Y	123.6	0.02	2.40	8.64	4	63	10	99	0.01	0.0	4.559	0.050	0	0	0	8
PL.13862	PL.32825	C	4ACSR	7.42Y	123.6	0.02	2.42	7.74	4	57	9	99	0.01	0.0	4.609	0.050	0	0	0	7
072697	PL.13862	C	Consumer	7.42Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	4.609	0.000	0	0	0	0
PL.13863	PL.13862	C	4ACSR	7.41Y	123.6	0.02	2.44	7.74	4	57	9	99	0.01	0.0	4.670	0.061	0	0	0	7
PL.4506	PL.13863	C	4ACSR	7.41Y	123.6	0.00	2.44	1.18	1	9	1	99	0.00	0.0	4.708	0.038	0	0	0	1
072692	PL.4506	C	Consumer	7.41Y	123.6	0.00	2.44	1.18	0	9	1	99	0.00	0.0	4.708	0.000	9	1	1	1
PL.29906	PL.13863	C	4ACSR	7.41Y	123.5	0.03	2.46	6.56	3	48	8	99	0.01	0.0	4.759	0.089	0	0	0	6
PL.29907	PL.29906	C	4ACSR	7.41Y	123.5	0.01	2.47	5.77	3	42	7	99	0.00	0.0	4.805	0.046	0	0	0	5
071683	PL.29907	C	Consumer	7.41Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	4.805	0.000	0	0	0	0
PL.13865	PL.29907	C	4ACSR	7.41Y	123.5	0.01	2.49	5.77	3	42	7	99	0.00	0.0	4.864	0.059	0	0	0	5
071691	PL.13865	C	Consumer	7.41Y	123.5	0.00	2.49	1.29	0	9	2	98	0.00	0.0	4.864	0.000	9	2	1	1
071689	PL.13865	C	Consumer	7.41Y	123.5	0.00	2.49	1.77	0	13	2	99	0.00	0.0	4.864	0.000	13	2	1	1
0716097	PL.13865	C	Consumer	7.41Y	123.5	0.00	2.49	1.06	0	8	1	99	0.00	0.0	4.864	0.000	8	1	1	1
PL.25200	PL.13865	C	4ACSR	7.41Y	123.5	0.00	2.49	1.66	1	12	2	99	0.00	0.0	4.916	0.051	0	0	0	2
0716093	PL.25200	C	Consumer	7.41Y	123.5	0.00	2.49	0.92	0	7	1	99	0.00	0.0	4.916	0.000	7	1	1	1
071681	PL.25200	C	Consumer	7.41Y	123.5	0.00	2.49	0.74	0	5	1	98	0.00	0.0	4.916	0.000	5	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
0716103	PL.25200	C	Consumer	7.41Y	123.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	4.916	0.000	0	0	0	0
0726102	PL.29906	C	Consumer	7.41Y	123.5	0.00	2.46	0.79	0	6	1	99	0.00	0.0	4.759	0.000	6	1	1	1
PL.4332	PL.32825	C	4ACSR	7.42Y	123.6	0.00	2.40	0.91	0	7	1	99	0.00	0.0	4.616	0.057	0	0	0	1
072610	PL.4332	C	Consumer	7.42Y	123.6	0.00	2.40	0.00	0	0	0	100	0.00	0.0	4.616	0.000	0	0	0	0
0727018	PL.4332	C	Consumer	7.42Y	123.6	0.00	2.40	0.91	0	7	1	99	0.00	0.0	4.616	0.000	7	1	1	1
0727019	PL.32824	C	Consumer	7.42Y	123.6	0.00	2.38	0.36	0	3	0	100	0.00	0.0	4.509	0.000	3	0	1	1
PL.4507	PL.13859	C	4ACSR	7.42Y	123.7	0.00	2.35	2.35	1	17	3	98	0.00	0.0	4.447	0.034	0	0	0	2
072712	PL.4507	C	Consumer	7.42Y	123.7	0.00	2.35	1.19	0	9	1	99	0.00	0.0	4.447	0.000	9	1	1	1
072716	PL.4507	C	Consumer	7.42Y	123.7	0.00	2.35	1.16	0	9	1	99	0.00	0.0	4.447	0.000	9	1	1	1
072670	PL.13856	B	Consumer	7.39Y	123.1	0.00	2.85	0.42	0	3	0	100	0.00	0.0	4.135	0.000	3	0	1	1
071604	PL.7614	B	Consumer	7.39Y	123.2	0.00	2.81	0.27	0	2	0	100	0.00	0.0	3.550	0.000	2	0	1	1
PL.15852	PL.7614	B	4ACSR	7.39Y	123.2	0.00	2.81	0.25	0	2	0	100	0.00	0.0	3.556	0.005	0	0	0	2
PD.3203	PL.15852	B	fuse6AMP	7.39Y	123.2	0.00	2.81	0.25	4	2	0	100	0.00	0.0	3.556	0.000	0	0	0	2
PL.15853	PD.3203	B	4ACSR	7.39Y	123.2	0.00	2.81	0.25	0	2	0	100	0.00	0.0	3.684	0.128	0	0	0	2
071608	PL.15853	B	Consumer	7.39Y	123.2	0.00	2.81	0.10	0	1	0	100	0.00	0.0	3.684	0.000	1	0	1	1
071661	PL.15853	B	Consumer	7.39Y	123.2	0.00	2.81	0.15	0	1	0	100	0.00	0.0	3.684	0.000	1	0	1	1
PL.15848	PL.13849	C	4ACSR	7.43Y	123.9	0.00	2.10	0.96	0	7	1	99	0.00	0.0	3.066	0.005	0	0	0	1
PD.3213	PL.15848	C	fuse6AMP	7.43Y	123.9	0.00	2.10	0.96	16	7	1	99	0.00	0.0	3.066	0.000	0	0	0	1
PL.15849	PD.3213	C	4ACSR	7.43Y	123.9	0.00	2.11	0.96	0	7	1	99	0.00	0.0	3.178	0.112	0	0	0	1
071633	PL.15849	C	Consumer	7.43Y	123.9	0.00	2.11	0.96	0	7	1	99	0.00	0.0	3.178	0.000	7	1	1	1
071648	PL.28984	A	Consumer	7.60Y	126.6	0.00	-0.64	1.21	0	9	1	99	0.00	0.0	2.931	0.000	9	1	1	1
PL.15844	PL.375	A	336ACSR	7.60Y	126.6	-0.00	-0.63	9.30	1	60	-37	-85	0.01	0.0	2.832	0.005	0	0	0	6
		B		7.39Y	123.2	0.00	2.76	17.39	2	125	-30	-97					0	0	0	25
		C		7.44Y	123.9	0.00	2.06	70.95	10	526	43	100					0	0	0	92
PD.3620	PL.15844	A	50L	7.60Y	126.6	0.00	-0.63	9.30	19	60	-37	-85	0.00	0.0	2.832	0.000	0	0	0	6
		B		7.39Y	123.2	0.00	2.76	17.39	35	125	-30	-97					0	0	0	25
C		C		7.44Y	123.9	0.00	2.06	70.95	142	526	43	100					0	0	0	92 C
PL.15845	PD.3620	A	336ACSR	7.60Y	126.7	-0.11	-0.74	9.30	1	60	-37	-85	0.51	0.1	3.099	0.267	0	0	0	6
		B		7.39Y	123.2	0.08	2.83	17.39	2	125	-30	-97					0	0	0	25
		C		7.43Y	123.8	0.14	2.20	70.95	10	526	43	100					0	0	0	92
PL.42659	PL.15845	A	336ACSR	7.60Y	126.7	-0.00	-0.75	9.30	1	60	-37	-85	0.01	0.0	3.105	0.007	0	0	0	6
		B		7.39Y	123.2	0.00	2.84	17.39	2	125	-30	-97					0	0	0	25
		C		7.43Y	123.8	0.00	2.21	70.95	10	525	42	100					0	0	0	92
PL.42660	PL.42659	C	4ACSR	7.43Y	123.8	0.01	2.22	38.24	20	280	46	99	0.03	0.0	3.113	0.007	0	0	0	54
PL.15840	PL.42660	C	4ACSR	7.42Y	123.6	0.14	2.36	38.24	20	280	46	99	0.30	0.1	3.198	0.085	0	0	0	54
C PD.3618	PL.15840	C	25V4E	7.42Y	123.6	0.00	2.36	38.24	153	280	45	99	0.00	0.0	3.198	0.000	0	0	0	54 C
PL.15841	PD.3618	C	4ACSR	7.42Y	123.6	0.01	2.37	38.24	20	280	45	99	0.02	0.0	3.204	0.006	0	0	0	54
071634	PL.15841	C	Consumer	7.42Y	123.6	0.00	2.37	0.32	0	2	0	100	0.00	0.0	3.204	0.000	2	0	1	1
071629	PL.15841	C	Consumer	7.42Y	123.6	0.00	2.37	0.00	0	0	0	100	0.00	0.0	3.204	0.000	0	0	0	0
071641	PL.15841	C	Consumer	7.42Y	123.6	0.00	2.37	0.56	0	4	1	97	0.00	0.0	3.204	0.000	4	1	1	1
PL.13094	PL.15841	C	4ACSR	7.41Y	123.5	0.13	2.50	35.92	19	263	43	99	0.27	0.1	3.290	0.086	0	0	0	51
071637	PL.13094	C	Consumer	7.41Y	123.5	0.00	2.50	1.19	0	9	1	99	0.00	0.0	3.290	0.000	9	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
071640	PL.13094	C	Consumer	7.41Y	123.5	0.00	2.50	0.74	0	5	1	98	0.00	0.0	3.290	0.000	5	1	1	1
PL.13092	PL.13094	C	4ACSR	7.41Y	123.4	0.06	2.56	33.99	18	249	40	99	0.11	0.0	3.331	0.041	0	0	0	49
PL.13093	PL.13092	C	4ACSR	7.40Y	123.3	0.10	2.66	33.32	17	244	39	99	0.18	0.1	3.399	0.068	0	0	0	45
PL.34711	PL.13093	C	4ACSR	7.40Y	123.3	0.00	2.66	3.40	2	25	4	99	0.00	0.0	3.409	0.011	0	0	0	2
PD.4930	PL.34711	C	fuse6AMP	7.40Y	123.3	0.00	2.66	3.40	58	25	4	99	0.00	0.0	3.409	0.000	0	0	0	2
PL.34712	PD.4930	C	4ACSR	7.40Y	123.3	0.01	2.67	3.40	2	25	4	99	0.00	0.0	3.446	0.036	0	0	0	2
071657	PL.34712	C	Consumer	7.40Y	123.3	0.00	2.67	1.54	0	11	2	98	0.00	0.0	3.446	0.000	11	2	1	1
071672	PL.34712	C	Consumer	7.40Y	123.3	0.00	2.67	1.86	0	14	2	99	0.00	0.0	3.446	0.000	14	2	1	1
071630	PL.13093	C	Consumer	7.40Y	123.3	0.00	2.66	0.90	0	7	1	99	0.00	0.0	3.399	0.000	7	1	1	1
PL.13090	PL.13093	C	4ACSR	7.40Y	123.3	0.03	2.69	29.02	15	212	34	99	0.05	0.0	3.421	0.023	0	0	0	42
PL.13091	PL.13090	C	4ACSR	7.39Y	123.2	0.06	2.75	28.54	15	208	34	99	0.10	0.0	3.471	0.050	0	0	0	41
PL.13089	PL.13091	C	4ACSR	7.39Y	123.2	0.07	2.82	27.58	14	201	33	99	0.10	0.1	3.528	0.057	0	0	0	39
PL.34715	PL.13089	C	4ACSR	7.39Y	123.2	0.00	2.82	1.13	1	8	1	99	0.00	0.0	3.532	0.004	0	0	0	3
PD.4932	PL.34715	C	fuse6AMP	7.39Y	123.2	0.00	2.82	1.13	19	8	1	99	0.00	0.0	3.532	0.000	0	0	0	3
PL.34716	PD.4932	C	4ACSR	7.39Y	123.2	0.00	2.82	1.13	1	8	1	99	0.00	0.0	3.557	0.025	0	0	0	3
071656	PL.34716	C	Consumer	7.39Y	123.2	0.00	2.82	0.51	0	4	1	97	0.00	0.0	3.557	0.000	4	1	1	1
0716101	PL.34716	C	Consumer	7.39Y	123.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	3.557	0.000	0	0	0	0
071654	PL.34716	C	Consumer	7.39Y	123.2	0.00	2.82	0.28	0	2	0	100	0.00	0.0	3.557	0.000	2	0	1	1
071650	PL.34716	C	Consumer	7.39Y	123.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	3.557	0.000	0	0	0	0
071655	PL.34716	C	Consumer	7.39Y	123.2	0.00	2.82	0.00	0	0	0	100	0.00	0.0	3.557	0.000	0	0	0	0
0716100	PL.34716	C	Consumer	7.39Y	123.2	0.00	2.82	0.34	0	2	0	100	0.00	0.0	3.557	0.000	2	0	1	1
PL.20523	PL.13089	C	4ACSR	7.39Y	123.1	0.04	2.86	26.45	14	193	31	99	0.07	0.0	3.567	0.039	0	0	0	36
071647	PL.20523	C	Consumer	7.39Y	123.1	0.00	2.86	1.08	0	8	1	99	0.00	0.0	3.567	0.000	8	1	1	1
071670	PL.20523	C	Consumer	7.39Y	123.1	0.00	2.86	1.24	0	9	1	99	0.00	0.0	3.567	0.000	9	1	1	1
071643	PL.20523	C	Consumer	7.39Y	123.1	0.00	2.86	0.45	0	3	1	95	0.00	0.0	3.567	0.000	3	1	1	1
PL.20522	PL.20523	C	4ACSR	7.39Y	123.1	0.04	2.90	23.69	12	173	28	99	0.05	0.0	3.605	0.037	0	0	0	33
PL.8072	PL.20522	C	4ACSR	7.38Y	123.0	0.07	2.97	21.76	11	159	26	99	0.08	0.1	3.678	0.073	0	0	0	30
PL.4595	PL.8072	C	4ACSR	7.38Y	122.9	0.09	3.05	18.80	10	137	22	99	0.09	0.1	3.783	0.106	0	0	0	25
PL.34717	PL.4595	C	4ACSR	7.38Y	122.9	0.00	3.06	1.41	1	10	2	98	0.00	0.0	3.790	0.007	0	0	0	2
PD.4933	PL.34717	C	fuse6AMP	7.38Y	122.9	0.00	3.06	1.41	24	10	2	98	0.00	0.0	3.790	0.000	0	0	0	2
PL.34718	PD.4933	C	4ACSR	7.38Y	122.9	0.00	3.06	1.41	1	10	2	98	0.00	0.0	3.795	0.005	0	0	0	2
PL.3370	PL.34718	C	4ACSR	7.38Y	122.9	0.01	3.06	1.41	1	10	2	98	0.00	0.0	3.879	0.084	0	0	0	2
506001	PL.3370	C	Consumer	7.38Y	122.9	0.00	3.06	0.42	0	3	0	100	0.00	0.0	3.879	0.000	3	0	1	1
506003	PL.3370	C	Consumer	7.38Y	122.9	0.00	3.06	0.99	0	7	1	99	0.00	0.0	3.879	0.000	7	1	1	1
PL.4326	PL.4595	C	4ACSR	7.37Y	122.9	0.03	3.09	14.97	8	109	18	99	0.03	0.0	3.837	0.054	0	0	0	21
070601	PL.4326	C	Consumer	7.37Y	122.9	0.00	3.09	1.07	0	8	1	99	0.00	0.0	3.837	0.000	8	1	1	1
PL.26270	PL.4326	C	4ACSR	7.37Y	122.9	0.04	3.13	12.22	6	89	14	99	0.03	0.0	3.913	0.076	0	0	0	19
PL.34724	PL.26270	C	4ACSR	7.37Y	122.9	0.00	3.13	1.72	1	13	2	99	0.00	0.0	3.923	0.010	0	0	0	2

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.4936	PL.34724	C	fuse6AMP	7.37Y	122.9	0.00	3.13	1.72	29	13	2	99	0.00	0.0	3.923	0.000	0	0	0	2
PL.34725	PD.4936	C	4ACSR	7.37Y	122.9	0.00	3.13	1.72	1	13	2	99	0.00	0.0	3.936	0.013	0	0	0	2
070624	PL.34725	C	Consumer	7.37Y	122.9	0.00	3.13	1.35	0	10	2	98	0.00	0.0	3.936	0.000	10	2	1	1
070625	PL.34725	C	Consumer	7.37Y	122.9	0.00	3.13	0.37	0	3	0	100	0.00	0.0	3.936	0.000	3	0	1	1
PL.26271	PL.26270	C	4ACSR	7.37Y	122.9	0.02	3.15	10.22	5	74	12	99	0.01	0.0	3.951	0.037	0	0	0	15
PL.4600	PL.26271	C	4ACSR	7.37Y	122.8	0.01	3.16	7.82	4	57	9	99	0.01	0.0	3.988	0.038	0	0	0	11
0706060	PL.4600	C	Consumer	7.37Y	122.8	0.00	3.16	0.80	0	6	1	99	0.00	0.0	3.988	0.000	6	1	1	1
PL.13466	PL.4600	C	4ACSR	7.37Y	122.8	0.01	3.17	7.02	4	51	8	99	0.00	0.0	4.009	0.020	0	0	0	10
PL.39289	PL.13466	C	4ACSR	7.37Y	122.8	0.05	3.22	6.25	3	45	7	99	0.02	0.0	4.201	0.192	0	0	0	8
0706059	PL.39289	C	Consumer	7.37Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	4.201	0.000	0	0	1	1
PL.39290	PL.39289	C	4ACSR	7.37Y	122.8	0.01	3.23	6.25	3	45	7	99	0.00	0.0	4.238	0.037	0	0	0	7
PL.13469	PL.39290	C	4ACSR	7.37Y	122.8	0.01	3.23	4.73	2	34	6	98	0.00	0.0	4.276	0.037	0	0	0	6
PD.204-A	PL.13469	C	Closed	7.37Y	122.8	0.00	3.23	4.73	0	34	6	98	0.00	0.0	4.276	0.000	0	0	0	6
PD.204-B	PD.204-A	C	Closed	7.37Y	122.8	0.00	3.23	4.73	0	34	6	98	0.00	0.0	4.276	0.000	0	0	0	6
PL.13470	PD.204-B	C	4ACSR	7.37Y	122.8	0.00	3.24	4.73	2	34	6	98	0.00	0.0	4.279	0.004	0	0	0	6
PL.8554	PL.13470	C	4ACSR	7.37Y	122.8	0.00	3.24	4.73	2	34	6	98	0.00	0.0	4.297	0.018	0	0	0	6
PL.15119	PL.8554	C	4ACSR	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	4.354	0.057	0	0	0	0
PD.203-A	PL.15119	C	Open	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	4.354	0.000	0	0	0	0
PL.45378	PL.8554	C	4ACSR	7.37Y	122.8	0.01	3.24	4.73	2	34	6	98	0.00	0.0	4.325	0.028	0	0	0	6
PL.45379	PL.45378	C	4ACSR	7.37Y	122.8	0.00	3.25	4.73	2	34	6	98	0.00	0.0	4.348	0.023	0	0	0	6
070634	PL.45379	C	Consumer	7.37Y	122.8	0.00	3.25	0.00	0	0	0	100	0.00	0.0	4.348	0.000	0	0	0	0
PL.38114	PL.45379	C	4ACSR	7.36Y	122.7	0.00	3.25	4.73	2	34	6	98	0.00	0.0	4.353	0.005	0	0	0	6
C PD.6613	PL.38114	C	fuse6AMP	7.36Y	122.7	0.00	3.25	4.73	81	34	6	98	0.00	0.0	4.353	0.000	0	0	0	6 C
PL.38115	PD.6613	C	4ACSR	7.36Y	122.7	0.01	3.26	4.73	2	34	6	98	0.00	0.0	4.396	0.043	0	0	0	6
PL.8387	PL.38115	C	4ACSR	7.36Y	122.7	0.01	3.27	4.73	2	34	6	98	0.00	0.0	4.454	0.057	0	0	0	6
PL.13256	PL.8387	C	4ACSR	7.36Y	122.7	0.01	3.28	4.73	2	34	6	98	0.00	0.0	4.506	0.052	0	0	0	6
019602	PL.13256	C	Consumer	7.36Y	122.7	0.00	3.28	0.76	0	6	1	99	0.00	0.0	4.506	0.000	6	1	1	1
PL.13257	PL.13256	C	4ACSR	7.36Y	122.7	0.02	3.30	3.97	2	29	5	99	0.00	0.0	4.599	0.093	0	0	0	5
PL.35623	PL.13257	C	4ACSR	7.36Y	122.7	0.01	3.31	3.07	2	22	4	98	0.00	0.0	4.672	0.074	0	0	0	4
PL.35624	PL.35623	C	4ACSR	7.36Y	122.7	0.00	3.31	3.07	2	22	4	98	0.00	0.0	4.707	0.035	0	0	0	4
019603	PL.35624	C	Consumer	7.36Y	122.7	0.00	3.31	0.74	0	5	1	98	0.00	0.0	4.707	0.000	5	1	1	1
PL.13259	PL.35624	C	4ACSR	7.36Y	122.7	0.01	3.32	2.34	1	17	3	98	0.00	0.0	4.781	0.074	0	0	0	3
PL.45403	PL.13259	C	2ACSR	7.36Y	122.7	0.00	3.32	1.34	1	10	2	98	0.00	0.0	4.863	0.082	0	0	0	2
PL.45404	PL.45403	C	2ACSR	7.36Y	122.7	0.01	3.33	1.34	1	10	2	98	0.00	0.0	5.094	0.230	0	0	0	2
PL.34624	PL.45404	C	2ACSR	7.36Y	122.7	0.00	3.34	1.05	0	8	1	99	0.00	0.0	5.195	0.102	0	0	0	1
0186004	PL.34624	C	Consumer	7.36Y	122.7	0.00	3.34	1.05	0	8	1	99	0.00	0.0	5.195	0.000	8	1	1	1
018601	PL.45404	C	Consumer	7.36Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	5.094	0.000	0	0	0	0
0186003	PL.45404	C	Consumer	7.36Y	122.7	0.00	3.33	0.29	0	2	0	100	0.00	0.0	5.094	0.000	2	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.45402	PL.45403	C	2ACSR	7.36Y	122.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	4.907	0.043	0	0	0	0
SRL.36350	PL.45402	C	Consumer	7.36Y	122.7	0.00	3.32	0.00	0	0	0	100	0.00	0.0	4.907	0.000	0	0	0	0
PL.8388	PL.13259	C	4ACSR	7.36Y	122.7	0.00	3.32	1.00	1	7	1	99	0.00	0.0	4.818	0.037	0	0	0	1
019601	PL.8388	C	Consumer	7.36Y	122.7	0.00	3.32	1.00	0	7	1	99	0.00	0.0	4.818	0.000	7	1	1	1
019604	PL.35623	C	Consumer	7.36Y	122.7	0.00	3.31	0.00	0	0	0	100	0.00	0.0	4.672	0.000	0	0	0	0
PL.437	PL.13257	C	4ACSR	7.36Y	122.7	0.00	3.30	0.90	0	7	1	99	0.00	0.0	4.627	0.028	0	0	0	1
0196005	PL.437	C	Consumer	7.36Y	122.7	0.00	3.30	0.90	0	7	1	99	0.00	0.0	4.627	0.000	7	1	1	1
PL.41300	PL.8387	C	2ACSR	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	4.563	0.110	0	0	0	0
0196006	PL.41300	C	Consumer	7.36Y	122.7	0.00	3.27	0.00	0	0	0	100	0.00	0.0	4.563	0.000	0	0	0	0
PL.45377	PL.45378	C	2ACSR	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	4.344	0.019	0	0	0	0
0706064	PL.45377	C	Consumer	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	4.344	0.000	0	0	0	0
070622	PL.39290	C	Consumer	7.37Y	122.8	0.00	3.23	1.51	0	11	2	98	0.00	0.0	4.238	0.000	11	2	1	1
PL.34733	PL.13466	C	4ACSR	7.37Y	122.8	0.00	3.17	0.77	0	6	1	99	0.00	0.0	4.013	0.004	0	0	0	2
PD.4939	PL.34733	C	fuse6AMP	7.37Y	122.8	0.00	3.17	0.77	13	6	1	99	0.00	0.0	4.013	0.000	0	0	0	2
PL.34734	PD.4939	C	4ACSR	7.37Y	122.8	0.00	3.17	0.77	0	6	1	99	0.00	0.0	4.058	0.045	0	0	0	2
070615	PL.34734	C	Consumer	7.37Y	122.8	0.00	3.17	0.75	0	5	1	98	0.00	0.0	4.058	0.000	5	1	1	1
PL.36490	PL.34734	C	2ACSR	7.37Y	122.8	0.00	3.17	0.03	0	0	0	100	0.00	0.0	4.095	0.037	0	0	0	1
0706056	PL.36490	C	Consumer	7.37Y	122.8	0.00	3.17	0.03	0	0	0	100	0.00	0.0	4.095	0.000	0	0	1	1
070644	PL.26271	C	Consumer	7.37Y	122.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	3.951	0.000	0	0	0	0
070611	PL.26271	C	Consumer	7.37Y	122.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	3.951	0.000	0	0	0	0
070606	PL.26271	C	Consumer	7.37Y	122.9	0.00	3.15	0.35	0	3	0	100	0.00	0.0	3.951	0.000	3	0	1	1
PL.34728	PL.26271	C	4ACSR	7.37Y	122.9	0.00	3.15	2.05	1	15	2	99	0.00	0.0	3.954	0.004	0	0	0	3
PD.4938	PL.34728	C	fuse6AMP	7.37Y	122.9	0.00	3.15	2.05	35	15	2	99	0.00	0.0	3.954	0.000	0	0	0	3
PL.34731	PD.4938	C	4ACSR	7.37Y	122.9	0.00	3.15	2.05	1	15	2	99	0.00	0.0	3.957	0.002	0	0	0	3
PL.34732	PL.34731	C	4ACSR	7.37Y	122.8	0.01	3.15	1.74	1	13	2	99	0.00	0.0	4.033	0.077	0	0	0	2
070607	PL.34732	C	Consumer	7.37Y	122.8	0.00	3.15	1.03	0	7	1	99	0.00	0.0	4.033	0.000	7	1	1	1
070608	PL.34732	C	Consumer	7.37Y	122.8	0.00	3.15	0.71	0	5	1	98	0.00	0.0	4.033	0.000	5	1	1	1
PL.34730	PL.34731	C	4ACSR	7.37Y	122.9	0.00	3.15	0.31	0	2	0	100	0.00	0.0	3.964	0.007	0	0	0	1
PL.34727	PL.34730	C	4ACSR	7.37Y	122.9	0.00	3.15	0.31	0	2	0	100	0.00	0.0	4.011	0.047	0	0	0	1
PL.8079	PL.34727	C	4ACSR	7.37Y	122.9	0.00	3.15	0.31	0	2	0	100	0.00	0.0	4.122	0.111	0	0	0	1
070641	PL.8079	C	Consumer	7.37Y	122.9	0.00	3.15	0.31	0	2	0	100	0.00	0.0	4.122	0.000	2	0	1	1
070631	PL.34727	C	Consumer	7.37Y	122.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	4.011	0.000	0	0	0	0
070617	PL.26270	C	Consumer	7.37Y	122.9	0.00	3.13	0.27	0	2	0	100	0.00	0.0	3.913	0.000	2	0	1	1
070647	PL.26270	C	Consumer	7.37Y	122.9	0.00	3.13	0.00	0	0	0	100	0.00	0.0	3.913	0.000	0	0	1	1
PL.42662	PL.4326	C	4ACSR	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	3.853	0.016	0	0	0	0
PD.8112-B	PL.42662	C	Open	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	3.853	0.000	0	0	0	0
PL.34722	PL.4326	C	4ACSR	7.37Y	122.9	0.00	3.09	1.68	1	12	2	99	0.00	0.0	3.847	0.010	0	0	0	1
PL.34723	PL.34722	C	4ACSR	7.37Y	122.9	0.00	3.09	1.68	1	12	2	99	0.00	0.0	3.869	0.022	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
070618	PL.34723	C	Consumer	7.37Y	122.9	0.00	3.09	1.68	0	12	2	99	0.00	0.0	3.869	0.000	12	2	1	1
070643	PL.34723	C	Consumer	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	3.869	0.000	0	0	0	0
505003	PL.4595	C	Consumer	7.38Y	122.9	0.00	3.05	0.33	0	2	0	100	0.00	0.0	3.783	0.000	2	0	1	1
PL.34720	PL.4595	C	4ACSR	7.38Y	122.9	0.00	3.06	2.10	1	15	2	99	0.00	0.0	3.799	0.015	0	0	0	1
PD.4934	PL.34720	C	fuse6AMP	7.38Y	122.9	0.00	3.06	2.10	36	15	2	99	0.00	0.0	3.799	0.000	0	0	0	1
PL.34721	PD.4934	C	4ACSR	7.38Y	122.9	0.00	3.06	2.10	1	15	2	99	0.00	0.0	3.848	0.049	0	0	0	1
505004	PL.34721	C	Consumer	7.38Y	122.9	0.00	3.06	2.10	0	15	2	99	0.00	0.0	3.848	0.000	15	2	1	1
070612	PL.8072	C	Consumer	7.38Y	123.0	0.00	2.97	1.05	0	8	1	99	0.00	0.0	3.678	0.000	8	1	1	1
070613	PL.8072	C	Consumer	7.38Y	123.0	0.00	2.97	0.84	0	6	1	99	0.00	0.0	3.678	0.000	6	1	1	1
070619	PL.8072	C	Consumer	7.38Y	123.0	0.00	2.97	0.58	0	4	1	97	0.00	0.0	3.678	0.000	4	1	1	1
506002	PL.8072	C	Consumer	7.38Y	123.0	0.00	2.97	0.33	0	2	0	100	0.00	0.0	3.678	0.000	2	0	1	1
070614	PL.8072	C	Consumer	7.38Y	123.0	0.00	2.97	0.16	0	1	0	100	0.00	0.0	3.678	0.000	1	0	1	1
071631	PL.20522	C	Consumer	7.39Y	123.1	0.00	2.90	0.01	0	0	0	100	0.00	0.0	3.605	0.000	0	0	1	1
071645	PL.20522	C	Consumer	7.39Y	123.1	0.00	2.90	0.96	0	7	1	99	0.00	0.0	3.605	0.000	7	1	1	1
071628	PL.20522	C	Consumer	7.39Y	123.1	0.00	2.90	0.96	0	7	1	99	0.00	0.0	3.605	0.000	7	1	1	1
PL.34713	PL.13091	C	4ACSR	7.39Y	123.2	0.00	2.75	0.96	0	7	1	99	0.00	0.0	3.477	0.006	0	0	0	2
PD.4931	PL.34713	C	fuse6AMP	7.39Y	123.2	0.00	2.75	0.96	16	7	1	99	0.00	0.0	3.477	0.000	0	0	0	2
PL.34714	PD.4931	C	4ACSR	7.39Y	123.2	0.00	2.75	0.96	0	7	1	99	0.00	0.0	3.486	0.009	0	0	0	2
PL.8074	PL.34714	C	4ACSR	7.39Y	123.2	0.00	2.75	0.57	0	4	1	97	0.00	0.0	3.530	0.044	0	0	0	1
071632	PL.8074	C	Consumer	7.39Y	123.2	0.00	2.75	0.57	0	4	1	97	0.00	0.0	3.530	0.000	4	1	1	1
PL.4589	PL.8074	C	4ACSR	7.39Y	123.2	0.00	2.75	0.00	0	0	0	100	0.00	0.0	3.549	0.019	0	0	0	0
071623	PL.34714	C	Consumer	7.39Y	123.2	0.00	2.75	0.39	0	3	0	100	0.00	0.0	3.486	0.000	3	0	1	1
071642	PL.13090	C	Consumer	7.40Y	123.3	0.00	2.69	0.48	0	4	1	97	0.00	0.0	3.421	0.000	4	1	1	1
PL.34709	PL.13092	C	4ACSR	7.41Y	123.4	0.00	2.56	0.67	0	5	1	98	0.00	0.0	3.335	0.004	0	0	0	4
PD.4929	PL.34709	C	fuse6AMP	7.41Y	123.4	0.00	2.56	0.67	11	5	1	98	0.00	0.0	3.335	0.000	0	0	0	4
PL.34710	PD.4929	C	4ACSR	7.41Y	123.4	0.00	2.56	0.67	0	5	1	98	0.00	0.0	3.385	0.050	0	0	0	4
071639	PL.34710	C	Consumer	7.41Y	123.4	0.00	2.56	0.44	0	3	1	95	0.00	0.0	3.385	0.000	3	1	1	1
071617	PL.34710	C	Consumer	7.41Y	123.4	0.00	2.56	0.08	0	1	0	100	0.00	0.0	3.385	0.000	1	0	1	1
071627	PL.34710	C	Consumer	7.41Y	123.4	0.00	2.56	0.02	0	0	0	100	0.00	0.0	3.385	0.000	0	0	1	1
071618	PL.34710	C	Consumer	7.41Y	123.4	0.00	2.56	0.13	0	1	0	100	0.00	0.0	3.385	0.000	1	0	1	1
PL.34735	PL.15841	C	4ACSR	7.42Y	123.6	0.00	2.37	1.45	1	11	2	98	0.00	0.0	3.214	0.010	0	0	0	1
PD.4940	PL.34735	C	fuse6AMP	7.42Y	123.6	0.00	2.37	1.45	25	11	2	98	0.00	0.0	3.214	0.000	0	0	0	1
PL.34736	PD.4940	C	4ACSR	7.42Y	123.6	0.00	2.37	1.45	1	11	2	98	0.00	0.0	3.255	0.041	0	0	0	1
071636	PL.34736	C	Consumer	7.42Y	123.6	0.00	2.37	0.00	0	0	0	100	0.00	0.0	3.255	0.000	0	0	0	0
071635	PL.34736	C	Consumer	7.42Y	123.6	0.00	2.37	1.45	0	11	2	98	0.00	0.0	3.255	0.000	11	2	1	1
PL.42658	PL.42659	A	336ACSR	7.61Y	126.8	-0.01	-0.76	9.30	1	60	-37	-85	0.03	0.0	3.168	0.062	0	0	0	6
		B		7.39Y	123.2	0.01	2.85	17.39	2	125	-30	-97					0	0	0	25
		C		7.43Y	123.8	0.01	2.22	32.99	5	245	-4	-100					0	0	0	38
071607	PL.42658	A	Consumer	7.61Y	126.8	0.00	-0.76	0.01	0	0	0	100	0.00	0.0	3.168	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.15842	PL.42658	A	4ACSR	7.61Y	126.8	0.00	-0.76	0.00	0	0	0	100	0.00	0.0	3.173	0.006	0	0	0	0
		B		7.39Y	123.2	0.00	2.85	0.71	0	5	1	99					0	0	0	3
		C		7.43Y	123.8	-0.00	2.22	0.00	0	0	0	100					0	0	0	0
PD.3201	PL.15842	A	fuse6AMP	7.61Y	126.8	0.00	-0.76	0.00	0	0	0	100	0.00	0.0	3.173	0.000	0	0	0	0
		B		7.39Y	123.2	0.00	2.85	0.71	12	5	1	99					0	0	0	3
		C		7.43Y	123.8	0.00	2.22	0.00	0	0	0	100					0	0	0	0
PL.15843	PD.3201	B	4ACSR	7.39Y	123.2	0.00	2.85	0.71	0	5	1	98	0.00	0.0	3.253	0.080	0	0	0	3
071659	PL.15843	B	Consumer	7.39Y	123.2	0.00	2.85	0.32	0	2	0	100	0.00	0.0	3.253	0.000	2	0	1	1
PL.4588	PL.15843	B	4ACSR	7.39Y	123.2	0.00	2.85	0.39	0	3	0	100	0.00	0.0	3.319	0.065	0	0	0	2
PL.4333	PL.4588	B	4ACSR	7.39Y	123.2	0.00	2.85	0.39	0	3	0	100	0.00	0.0	3.383	0.065	0	0	0	1
071682	PL.4333	B	Consumer	7.39Y	123.2	0.00	2.85	0.39	0	3	0	100	0.00	0.0	3.383	0.000	3	0	1	1
PL.4305	PL.4588	B	4ACSR	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	3.459	0.141	0	0	0	1
071684	PL.4305	B	Consumer	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	3.459	0.000	0	0	1	1
PL.15838	PL.42658	A	336ACSR	7.61Y	126.8	-0.05	-0.80	9.29	1	60	-37	-85	0.13	0.0	3.448	0.280	0	0	0	5
		B		7.39Y	123.1	0.04	2.89	16.73	2	120	-30	-97					0	0	0	22
		C		7.42Y	123.7	0.05	2.26	32.99	5	245	-4	-100					0	0	0	38
PD.201-A	PL.15838	A	Closed	7.61Y	126.8	0.00	-0.80	9.29	0	60	-37	-85	0.00	0.0	3.448	0.000	0	0	0	5
		B		7.39Y	123.1	0.00	2.89	16.73	0	120	-30	-97					0	0	0	22
		C		7.42Y	123.7	0.00	2.26	32.99	0	245	-4	-100					0	0	0	38
PD.201-B	PD.201-A	A	Closed	7.61Y	126.8	0.00	-0.80	9.29	0	60	-37	-85	0.00	0.0	3.448	0.000	0	0	0	5
		B		7.39Y	123.1	0.00	2.89	16.73	0	120	-30	-97					0	0	0	22
		C		7.42Y	123.7	0.00	2.26	32.99	0	245	-4	-100					0	0	0	38
PL.15839	PD.201-B	A	336ACSR	7.61Y	126.8	-0.00	-0.80	9.29	1	60	-37	-85	0.00	0.0	3.453	0.005	0	0	0	5
		B		7.39Y	123.1	0.00	2.89	16.73	2	120	-30	-97					0	0	0	22
		C		7.42Y	123.7	0.00	2.27	32.99	5	245	-4	-100					0	0	0	38
PL.15836	PL.15839	B	1/0EPRJCN	7.39Y	123.1	0.00	2.89	2.48	1	18	-2	-99	0.00	0.0	3.459	0.005	0	0	0	5
PD.3214	PL.15836	B	fuse6AMP	7.39Y	123.1	0.00	2.89	2.48	42	18	-2	-99	0.00	0.0	3.459	0.000	0	0	0	5
PL.15837	PD.3214	B	1/0EPRJCN	7.39Y	123.1	0.00	2.89	2.48	1	18	-2	-99	0.00	0.0	3.502	0.043	0	0	0	5
PL.13097	PL.15837	B	1/0EPRJCN	7.39Y	123.1	0.00	2.89	2.00	1	15	-3	-98	0.00	0.0	3.553	0.052	0	0	0	3
PL.13098	PL.13097	B	1/0EPRJCN	7.39Y	123.1	0.00	2.89	2.00	1	15	-2	-99	0.00	0.0	3.610	0.057	0	0	0	3
PL.13099	PL.13098	B	1/0EPRJCN	7.39Y	123.1	0.00	2.89	1.99	1	15	-2	-99	0.00	0.0	3.668	0.058	0	0	0	3
0716099	PL.13099	B	Consumer	7.39Y	123.1	0.00	2.89	0.00	0	0	0	100	0.00	0.0	3.668	0.000	0	0	0	0
PL.13100	PL.13099	B	1/0EPRJCN	7.39Y	123.1	0.00	2.90	1.99	1	15	-2	-99	0.00	0.0	3.718	0.051	0	0	0	3
PL.13101	PL.13100	B	1/0EPRJCN	7.39Y	123.1	0.00	2.90	1.63	1	12	-2	-99	0.00	0.0	3.781	0.063	0	0	0	2
PL.13102	PL.13101	B	1/0EPRJCN	7.39Y	123.1	0.00	2.90	1.62	1	12	-2	-99	0.00	0.0	3.846	0.064	0	0	0	2
PL.13103	PL.13102	B	1/0EPRJCN	7.39Y	123.1	0.00	2.90	1.62	1	12	-1	-100	0.00	0.0	3.896	0.051	0	0	0	2
0706055	PL.13103	B	Consumer	7.39Y	123.1	0.00	2.90	0.00	0	0	0	100	0.00	0.0	3.896	0.000	0	0	1	1
PL.13104	PL.13103	B	1/0EPRJCN	7.39Y	123.1	0.00	2.90	1.61	1	12	-1	-100	0.00	0.0	3.953	0.057	0	0	0	1
PL.13625	PL.13104	B	1/0EPRJCN	7.39Y	123.1	0.00	2.91	1.61	1	12	-1	-100	0.00	0.0	4.003	0.049	0	0	0	1
PL.13626	PL.13625	B	1/0EPRJCN	7.39Y	123.1	0.00	2.91	1.61	1	12	-1	-100	0.00	0.0	4.067	0.064	0	0	0	1
PL.13627	PL.13626	B	1/0EPRJCN	7.39Y	123.1	0.00	2.91	1.61	1	12	0	100	0.00	0.0	4.122	0.055	0	0	0	1
PL.13628	PL.13627	B	1/0EPRJCN	7.39Y	123.1	0.01	2.91	1.61	1	12	0	100	0.00	0.0	4.289	0.167	0	0	0	1
PL.4513	PL.13628	B	1/0EPRJCN	7.39Y	123.1	0.00	2.92	1.62	1	12	2	99	0.00	0.0	4.332	0.042	0	0	0	1
0716092	PL.4513	B	Consumer	7.39Y	123.1	0.00	2.92	1.63	0	12	2	99	0.00	0.0	4.332	0.000	12	2	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for various elements like PL.13629, PL.13095, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.28054, PL.15835, C PD.3202, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PD.3619 C	PL.20114	B C	25L	7.39Y 7.42Y	123.1 123.7	0.00 0.00	2.91 2.31	5.82 24.29	23 97	43 178	6 27	99 99	0.00 0.00	0.0	3.663	0.000	0	0	0	9 34		
PL.20115	PD.3619	B C	2ACSR	7.38Y 7.42Y	123.1 123.6	0.03 0.08	2.94 2.38	5.82 24.29	2 10	43 178	6 27	99 99	0.11 0.11	0.1	3.780	0.116	0	0	0	9 34		
PL.13456	PL.20115	B C	1/0EPRJCN	7.38Y 7.41Y	123.1 123.5	-0.00 0.08	2.94 2.47	2.12 24.29	1 13	16 178	1 27	100 99	0.11 0.11	0.1	3.953	0.173	0	0	0	4 34		
PL.7910	PL.13456	C	4ACSR	7.41Y	123.5	0.01	2.47	6.85	4	50	8	99	0.00	0.0	3.973	0.020	0	0	0	8		
PL.19459	PL.7910	C	4ACSR	7.41Y	123.5	0.02	2.49	4.29	2	31	5	99	0.00	0.0	4.057	0.084	0	0	0	5		
071674	PL.19459	C	Consumer	7.41Y	123.5	0.00	2.49	0.54	0	4	1	97	0.00	0.0	4.057	0.000	4	1	1	1		
PL.19460	PL.19459	C	4ACSR	7.41Y	123.5	0.01	2.50	3.75	2	27	4	99	0.00	0.0	4.137	0.079	0	0	0	4		
PL.25199	PL.19460	C	4ACSR	7.41Y	123.5	0.00	2.50	1.33	1	10	2	98	0.00	0.0	4.167	0.031	0	0	0	2		
071764	PL.25199	C	Consumer	7.41Y	123.5	0.00	2.50	0.79	0	6	1	99	0.00	0.0	4.167	0.000	6	1	1	1		
071766	PL.25199	C	Consumer	7.41Y	123.5	0.00	2.50	0.54	0	4	1	97	0.00	0.0	4.167	0.000	4	1	1	1		
PL.15124	PL.25199	C	4ACSR	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	4.209	0.041	0	0	0	0		
PD.3199-A	PL.15124	C	Open	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	4.209	0.000	0	0	0	0		
071769	PL.19460	C	Consumer	7.41Y	123.5	0.00	2.50	1.59	0	12	2	99	0.00	0.0	4.137	0.000	12	2	1	1		
071626	PL.19460	C	Consumer	7.41Y	123.5	0.00	2.50	0.83	0	6	1	99	0.00	0.0	4.137	0.000	6	1	1	1		
071667	PL.7910	C	Consumer	7.41Y	123.5	0.00	2.47	0.43	0	3	1	95	0.00	0.0	3.973	0.000	3	1	1	1		
0716095	PL.7910	C	Consumer	7.41Y	123.5	0.00	2.47	1.28	0	9	1	99	0.00	0.0	3.973	0.000	9	1	1	1		
071688	PL.7910	C	Consumer	7.41Y	123.5	0.00	2.47	0.85	0	6	1	99	0.00	0.0	3.973	0.000	6	1	1	1		
PL.13459	PL.13456	B C	1/0EPRJCN	7.38Y 7.41Y	123.1 123.5	0.00 0.02	2.94 2.48	2.13 17.45	1 9	16 128	2 20	99 99	0.02 0.00	0.0	4.001	0.047	0	0	0	4 26		
PL.13460	PL.13459	B C	2ACSR	7.38Y 7.41Y	123.0 123.5	0.02 0.06	2.96 2.54	2.14 17.46	1 7	16 128	2 20	99 99	0.06 0.00	0.0	4.121	0.120	0	0	0	3 26		
PL.4592	PL.13460	C	1/0EPRJCN	7.41Y	123.5	0.00	2.55	3.02	2	22	3	99	0.00	0.0	4.174	0.053	0	0	0	3		
070642	PL.4592	C	Consumer	7.41Y	123.5	0.00	2.55	0.06	0	0	0	100	0.00	0.0	4.174	0.000	0	0	1	1		
PL.38649	PL.4592	C	1/0EPRJCN	7.41Y	123.4	0.00	2.55	2.97	2	22	3	99	0.00	0.0	4.248	0.074	0	0	0	2		
PL.38651	PL.38649	C	2ACSR	7.41Y	123.4	0.01	2.56	2.97	1	22	3	99	0.00	0.0	4.369	0.120	0	0	0	2		
PL.45960	PL.38651	C	2ACSR	7.41Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	4.418	0.049	0	0	0	0		
0706065	PL.45960	C	Consumer	7.41Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	4.418	0.000	0	0	0	0		
PL.45961	PL.45960	C	2ACSR	7.41Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	4.419	0.002	0	0	0	0		
PL.45968	PL.45961	C	2ACSR	7.41Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	4.465	0.046	0	0	0	0		
0706057	PL.38651	C	Consumer	7.41Y	123.4	0.00	2.56	0.86	0	6	1	99	0.00	0.0	4.369	0.000	6	1	1	1		
0706054	PL.38651	C	Consumer	7.41Y	123.4	0.00	2.56	2.12	0	15	2	99	0.00	0.0	4.369	0.000	15	2	1	1		
071666	PL.13460	B	Consumer	7.38Y	123.0	0.00	2.96	0.77	0	6	1	99	0.00	0.0	4.121	0.000	6	1	1	1		
PL.15122	PL.13460	C	4ACSR	7.41Y	123.5	0.00	2.55	14.44	7	106	17	99	0.00	0.0	4.127	0.005	0	0	0	23		
PD.200-A	PL.15122	C	Closed	7.41Y	123.5	0.00	2.55	14.44	0	106	17	99	0.00	0.0	4.127	0.000	0	0	0	23		
PD.200-B	PD.200-A	C	Closed	7.41Y	123.5	0.00	2.55	14.44	0	106	17	99	0.00	0.0	4.127	0.000	0	0	0	23		
PL.15123	PD.200-B	C	4ACSR	7.40Y	123.3	0.15	2.70	14.44	7	106	17	99	0.12	0.1	4.366	0.240	0	0	0	23		
PL.34656	PL.15123	C	4ACSR	7.40Y	123.3	0.00	2.70	14.44	7	105	17	99	0.00	0.0	4.372	0.005	0	0	0	23		
PD.4909-A	PL.34656	C	Closed	7.40Y	123.3	0.00	2.70	14.44	0	105	17	99	0.00	0.0	4.372	0.000	0	0	0	23		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PD.4909-B	PD.4909-A	C	Closed	7.40Y	123.3	0.00	2.70	14.44	0	105	17	99	0.00	0.0	4.372	0.000	0	0	0	23
PL.43510	PD.4909-B	C	4ACSR	7.40Y	123.3	0.00	2.70	14.44	7	105	17	99	0.00	0.0	4.375	0.004	0	0	0	23
PL.45297	PL.43510	C	4ACSR	7.39Y	123.2	0.09	2.79	14.44	7	105	17	99	0.08	0.1	4.526	0.151	0	0	0	23
PL.45298	PL.45297	C	4ACSR	7.39Y	123.2	0.04	2.84	14.44	7	105	17	99	0.03	0.0	4.591	0.065	0	0	0	23
PL.19870	PL.45298	C	4ACSR	7.38Y	123.0	0.13	2.96	13.50	7	98	16	99	0.09	0.1	4.809	0.217	0	0	0	22
PL.19871	PL.19870	C	4ACSR	7.38Y	123.0	0.02	2.98	11.68	6	85	14	99	0.01	0.0	4.845	0.036	0	0	0	17
PL.34648	PL.19871	C	4ACSR	7.38Y	123.0	0.00	2.98	2.09	1	15	2	99	0.00	0.0	4.856	0.011	0	0	0	2
PD.4905	PL.34648	C	fuse6AMP	7.38Y	123.0	0.00	2.98	2.09	36	15	2	99	0.00	0.0	4.856	0.000	0	0	0	2
PL.34649	PD.4905	C	4ACSR	7.38Y	123.0	0.00	2.99	2.09	1	15	2	99	0.00	0.0	4.899	0.044	0	0	0	2
PL.4328	PL.34649	C	4ACSR	7.38Y	123.0	0.00	2.99	0.37	0	3	0	100	0.00	0.0	4.925	0.026	0	0	0	1
070646	PL.4328	C	Consumer	7.38Y	123.0	0.00	2.99	0.37	0	3	0	100	0.00	0.0	4.925	0.000	3	0	1	1
070605	PL.34649	C	Consumer	7.38Y	123.0	0.00	2.99	1.72	0	13	2	99	0.00	0.0	4.899	0.000	13	2	1	1
PL.7620	PL.19871	C	4ACSR	7.38Y	123.0	0.03	3.01	9.59	5	70	11	99	0.01	0.0	4.912	0.067	0	0	0	15
070621	PL.7620	C	Consumer	7.38Y	123.0	0.00	3.01	0.24	0	2	0	100	0.00	0.0	4.912	0.000	2	0	1	1
PL.41329	PL.7620	C	2ACSR	7.38Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	4.918	0.006	0	0	0	1
PD.7394	PL.41329	C	fuse6AMP	7.38Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	4.918	0.000	0	0	0	1
PL.41330	PD.7394	C	2ACSR	7.38Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	4.983	0.064	0	0	0	1
0706062	PL.41330	C	Consumer	7.38Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	4.983	0.000	0	0	1	1
0706061	PL.41330	C	Consumer	7.38Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	4.983	0.000	0	0	0	0
PL.8089	PL.7620	C	4ACSR	7.38Y	122.9	0.07	3.08	9.36	5	68	11	99	0.03	0.1	5.079	0.167	0	0	0	13
070620	PL.8089	C	Consumer	7.38Y	122.9	0.00	3.08	0.71	0	5	1	98	0.00	0.0	5.079	0.000	5	1	1	1
PL.38653	PL.8089	C	4ACSR	7.37Y	122.9	0.01	3.09	8.64	4	63	10	99	0.01	0.0	5.116	0.037	0	0	0	12
PL.38654	PL.38653	C	4ACSR	7.37Y	122.9	0.02	3.11	7.66	4	56	9	99	0.01	0.0	5.168	0.052	0	0	0	11
PL.8084	PL.38654	C	4ACSR	7.37Y	122.9	0.01	3.11	6.93	4	50	8	99	0.00	0.0	5.185	0.017	0	0	0	10
070628	PL.8084	C	Consumer	7.37Y	122.9	0.00	3.11	0.52	0	4	1	97	0.00	0.0	5.185	0.000	4	1	1	1
PL.8083	PL.8084	C	4ACSR	7.37Y	122.9	0.01	3.12	6.40	3	47	7	99	0.00	0.0	5.204	0.019	0	0	0	9
PL.15102	PL.8083	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	5.210	0.006	0	0	0	0
PD.203-B	PL.15102	C	Open	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	5.210	0.000	0	0	0	0
PL.45626	PL.8083	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	5.411	0.206	0	0	0	0
PL.46018	PL.45626	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	5.661	0.251	0	0	0	0
PL.45623	PL.46018	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	5.753	0.092	0	0	0	0
PL.45622	PL.45623	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	5.842	0.089	0	0	0	0
0196009	PL.45622	C	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	5.842	0.000	0	0	0	0
PL.45625	PL.45622	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	5.923	0.081	0	0	0	0
PL.45624	PL.45625	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	6.111	0.188	0	0	0	0
PL.45628	PL.45624	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	6.214	0.103	0	0	0	0
PL.45629	PL.45628	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	6.497	0.282	0	0	0	0
PL.45633	PL.45629	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	6.575	0.078	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss	
PL.45634	PL.45633	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	0	100	0.00	0.0	6.670	0.095	0	0	0	0
0186006	PL.45634	C	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	0	100	0.00	0.0	6.670	0.000	0	0	0	0
0196010	PL.45633	C	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	0	100	0.00	0.0	6.575	0.000	0	0	0	0
PL.45630	PL.45628	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	0	100	0.00	0.0	6.441	0.226	0	0	0	0
PL.45631	PL.45630	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	0	100	0.00	0.0	6.507	0.066	0	0	0	0
25184	PL.45631	C	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	0	100	0.00	0.0	6.507	0.000	0	0	0	0
PL.45632	PL.45630	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	0	100	0.00	0.0	6.565	0.124	0	0	0	0
PL.45627	PL.45625	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	0	100	0.00	0.0	6.346	0.423	0	0	0	0
0186005	PL.45627	C	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	0	100	0.00	0.0	6.346	0.000	0	0	0	0
PL.45619	PL.45623	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	0	100	0.00	0.0	5.791	0.037	0	0	0	0
0196008	PL.45619	C	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	0	100	0.00	0.0	5.791	0.000	0	0	0	0
PL.45620	PL.46018	C	4ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	0	100	0.00	0.0	5.692	0.031	0	0	0	0
0196007	PL.45620	C	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	0	100	0.00	0.0	5.692	0.000	0	0	0	0
PL.4604	PL.8083	C	4ACSR	7.37Y	122.9	0.01	3.13	5.93	3	43	7	99	0.00	0.0	5.249	0.044	0	0	0	7	
PL.34650	PL.4604	C	4ACSR	7.37Y	122.9	0.00	3.13	5.93	3	43	7	99	0.00	0.0	5.255	0.007	0	0	0	7	
C PD.4906	PL.34650	C	fuse6AMP	7.37Y	122.9	0.00	3.13	5.93	101	43	7	99	0.00	0.0	5.255	0.000	0	0	0	7 C	
PL.34651	PD.4906	C	4ACSR	7.37Y	122.9	0.02	3.15	5.93	3	43	7	99	0.01	0.0	5.323	0.067	0	0	0	7	
PL.13463	PL.34651	C	4ACSR	7.37Y	122.8	0.00	3.15	4.60	2	33	5	99	0.00	0.0	5.345	0.023	0	0	0	6	
070627	PL.13463	C	Consumer	7.37Y	122.8	0.00	3.15	1.01	0	7	1	99	0.00	0.0	5.345	0.000	7	1	1	1	
PL.13464	PL.13463	C	4ACSR	7.37Y	122.8	0.00	3.16	3.00	2	22	4	98	0.00	0.0	5.376	0.030	0	0	0	4	
PL.4511	PL.13464	C	4ACSR	7.37Y	122.8	0.01	3.16	1.22	1	9	1	99	0.00	0.0	5.478	0.102	0	0	0	1	
070653	PL.4511	C	Consumer	7.37Y	122.8	0.00	3.16	1.22	0	9	1	99	0.00	0.0	5.478	0.000	9	1	1	1	
PL.13465	PL.13464	C	4ACSR	7.37Y	122.8	0.00	3.16	1.78	1	13	2	99	0.00	0.0	5.389	0.013	0	0	0	3	
070645	PL.13465	C	Consumer	7.37Y	122.8	0.00	3.16	0.58	0	4	1	97	0.00	0.0	5.389	0.000	4	1	1	1	
PL.4603	PL.13465	C	4ACSR	7.37Y	122.8	0.00	3.16	1.20	1	9	1	99	0.00	0.0	5.442	0.053	0	0	0	2	
PL.4601	PL.4603	C	4ACSR	7.37Y	122.8	0.00	3.16	0.44	0	3	1	95	0.00	0.0	5.481	0.039	0	0	0	1	
070629	PL.4601	C	Consumer	7.37Y	122.8	0.00	3.16	0.44	0	3	1	95	0.00	0.0	5.481	0.000	3	1	1	1	
070636	PL.4603	C	Consumer	7.37Y	122.8	0.00	3.16	0.76	0	6	1	99	0.00	0.0	5.442	0.000	6	1	1	1	
PL.4602	PL.13463	C	4ACSR	7.37Y	122.8	0.00	3.15	0.59	0	4	1	97	0.00	0.0	5.384	0.038	0	0	0	1	
070639	PL.4602	C	Consumer	7.37Y	122.8	0.00	3.15	0.59	0	4	1	97	0.00	0.0	5.384	0.000	4	1	1	1	
070632	PL.34651	C	Consumer	7.37Y	122.9	0.00	3.15	1.33	0	10	2	98	0.00	0.0	5.323	0.000	10	2	1	1	
070640	PL.8083	C	Consumer	7.37Y	122.9	0.00	3.12	0.02	0	0	0	100	0.00	0.0	5.204	0.000	0	0	1	1	
070626	PL.8083	C	Consumer	7.37Y	122.9	0.00	3.12	0.45	0	3	1	95	0.00	0.0	5.204	0.000	3	1	1	1	
070623	PL.38654	C	Consumer	7.37Y	122.9	0.00	3.11	0.74	0	5	1	98	0.00	0.0	5.168	0.000	5	1	1	1	
0706058	PL.38653	C	Consumer	7.37Y	122.9	0.00	3.09	0.98	0	7	1	99	0.00	0.0	5.116	0.000	7	1	1	1	
070649	PL.19870	C	Consumer	7.38Y	123.0	0.00	2.96	1.14	0	8	1	99	0.00	0.0	4.809	0.000	8	1	1	1	
070637	PL.19870	C	Consumer	7.38Y	123.0	0.00	2.96	0.40	0	3	0	100	0.00	0.0	4.809	0.000	3	0	1	1	
070638	PL.19870	C	Consumer	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	4.809	0.000	0	0	1	1	

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
070635	PL.19870	C	Consumer	7.38Y	123.0	0.00	2.96	0.05	0	0	0	100	0.00	0.0	4.809	0.000	0	0	1	1
070633	PL.19870	C	Consumer	7.38Y	123.0	0.00	2.96	0.22	0	2	0	100	0.00	0.0	4.809	0.000	2	0	1	1
PL.4334	PL.45298	C	4ACSR	7.39Y	123.2	0.00	2.84	0.94	0	7	1	99	0.00	0.0	4.655	0.064	0	0	0	1
070651	PL.4334	C	Consumer	7.39Y	123.2	0.00	2.84	0.94	0	7	1	99	0.00	0.0	4.655	0.000	7	1	1	1
0706063	PL.45297	C	Consumer	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	4.526	0.000	0	0	0	0
PL.43509	PL.43510	C	4ACSR	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.442	0.067	0	0	0	0
0707025	PL.43509	C	Consumer	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.442	0.000	0	0	0	0
PL.15120	PL.15123	C	4ACSR	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.372	0.006	0	0	0	0
PL.15121	PL.15120	C	4ACSR	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.457	0.084	0	0	0	0
070723	PL.15121	C	Consumer	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.457	0.000	0	0	0	0
PL.31446	PL.15121	C	4ACSR	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.510	0.053	0	0	0	0
PL.31447	PL.31446	C	4ACSR	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.578	0.068	0	0	0	0
0707024	PL.31446	C	Consumer	7.40Y	123.3	0.00	2.70	0.00	0	0	0	100	0.00	0.0	4.510	0.000	0	0	0	0
PL.4591	PL.13460	B	4ACSR	7.38Y	123.0	0.00	2.96	1.37	1	10	2	98	0.00	0.0	4.186	0.065	0	0	0	2
071669	PL.4591	B	Consumer	7.38Y	123.0	0.00	2.96	0.61	0	4	1	97	0.00	0.0	4.186	0.000	4	1	1	1
PL.4593	PL.4591	B	4ACSR	7.38Y	123.0	0.00	2.96	0.76	0	6	1	99	0.00	0.0	4.262	0.077	0	0	0	1
PL.4594	PL.4593	B	4ACSR	7.38Y	123.0	0.00	2.96	0.00	0	0	0	100	0.00	0.0	4.323	0.060	0	0	0	0
071738	PL.4593	B	Consumer	7.38Y	123.0	0.00	2.96	0.76	0	6	1	99	0.00	0.0	4.262	0.000	6	1	1	1
PL.7615	PL.13459	B	4ACSR	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.060	0.059	0	0	0	1
PL.8075	PL.7615	B	4ACSR	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.120	0.059	0	0	0	1
070648	PL.8075	B	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.120	0.000	0	0	0	0
071690	PL.8075	B	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.120	0.000	0	0	1	1
071671	PL.13459	B	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	4.001	0.000	0	0	0	0
PL.13457	PL.20115	B	4ACSR	7.38Y	123.0	0.01	2.95	3.70	2	27	4	99	0.00	0.0	3.837	0.057	0	0	0	5
071664	PL.13457	B	Consumer	7.38Y	123.0	0.00	2.95	1.08	0	8	1	99	0.00	0.0	3.837	0.000	8	1	1	1
071679	PL.13457	B	Consumer	7.38Y	123.0	0.00	2.95	0.44	0	3	1	95	0.00	0.0	3.837	0.000	3	1	1	1
PL.13458	PL.13457	B	4ACSR	7.38Y	123.0	0.00	2.96	2.19	1	16	3	98	0.00	0.0	3.864	0.027	0	0	0	3
071675	PL.13458	B	Consumer	7.38Y	123.0	0.00	2.96	0.60	0	4	1	97	0.00	0.0	3.864	0.000	4	1	1	1
PL.7617	PL.13458	B	4ACSR	7.38Y	123.0	0.00	2.96	1.59	1	12	2	99	0.00	0.0	3.864	0.000	0	0	0	2
PL.8090	PL.7617	B	4ACSR	7.38Y	123.0	0.00	2.96	1.59	1	12	2	99	0.00	0.0	3.899	0.034	0	0	0	2
PL.7613	PL.8090	B	4ACSR	7.38Y	123.0	0.00	2.96	1.07	1	8	1	99	0.00	0.0	3.931	0.033	0	0	0	1
071673	PL.7613	B	Consumer	7.38Y	123.0	0.00	2.96	1.07	0	8	1	99	0.00	0.0	3.931	0.000	8	1	1	1
071668	PL.8090	B	Consumer	7.38Y	123.0	0.00	2.96	0.52	0	4	1	97	0.00	0.0	3.899	0.000	4	1	1	1
PL.4585	PL.13457	B	4ACSR	7.38Y	123.0	0.00	2.95	0.00	0	0	0	100	0.00	0.0	3.879	0.042	0	0	0	0
PL.15833	PL.13452	C	4ACSR	7.42Y	123.7	0.00	2.29	2.03	1	15	4	97	0.00	0.0	3.604	0.006	0	0	0	2
PD.3215	PL.15833	C	fuse6AMP	7.42Y	123.7	0.00	2.29	2.03	35	15	4	97	0.00	0.0	3.604	0.000	0	0	0	2
PL.15834	PD.3215	C	4ACSR	7.42Y	123.7	0.00	2.29	2.03	1	15	4	97	0.00	0.0	3.621	0.017	0	0	0	2
071658	PL.15834	C	Consumer	7.42Y	123.7	0.00	2.29	1.31	0	10	2	98	0.00	0.0	3.621	0.000	10	2	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
071660	PL.15834	C	Consumer	7.42Y	123.7	0.00	2.29	0.74	0	5	2	93	0.00	0.0	3.621	0.000	5	2	1	1
071646	PL.375	A	Consumer	7.60Y	126.6	0.00	-0.63	0.00	0	0	0	100	0.00	0.0	2.826	0.000	0	0	1	1
509002	PL.24821	A	Consumer	7.59Y	126.6	0.00	-0.58	0.21	0	1	1	71	0.00	0.0	2.741	0.000	1	1	1	1
		B		7.40Y	123.3	0.00	2.72	0.22	0	1	1	90			1	1	1	1	1	
509004	PL.5797	B	Consumer	7.40Y	123.3	0.00	2.70	0.16	0	1	1	71	0.00	0.0	2.713	0.000	1	1	1	1
5090006	PL.5797	B	Consumer	7.40Y	123.3	0.00	2.70	0.79	0	6	1	99	0.00	0.0	2.713	0.000	6	1	1	1
509005	PL.5797	B	Consumer	7.40Y	123.3	0.00	2.70	0.35	0	3	0	100	0.00	0.0	2.713	0.000	3	0	1	1
508004	PL.18325	A	Consumer	7.59Y	126.5	0.00	-0.52	0.92	0	7	1	99	0.00	0.0	2.622	0.000	7	1	1	1
506901	PL.24826	B	Consumer	7.41Y	123.4	0.00	2.56	0.35	0	3	0	100	0.00	0.0	2.509	0.000	3	0	1	1
506902	PL.24826	B	Consumer	7.41Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	2.509	0.000	0	0	0	0
506801	PL.24826	B	Consumer	7.41Y	123.4	0.00	2.56	0.35	0	3	0	100	0.00	0.0	2.509	0.000	3	0	1	1
505803	PL.24825	C	Consumer	7.46Y	124.3	0.00	1.66	0.44	0	3	1	95	0.00	0.0	2.412	0.000	3	1	1	1
PL.3218	PL.12691	A	4ACSR	7.58Y	126.3	0.00	-0.25	0.28	0	2	0	100	0.00	0.0	2.150	0.141	0	0	0	1
PL.3219	PL.3218	A	4ACSR	7.58Y	126.3	0.00	-0.25	0.28	0	2	0	100	0.00	0.0	2.211	0.061	0	0	0	1
501801	PL.3219	A	Consumer	7.58Y	126.3	0.00	-0.25	0.28	0	2	0	100	0.00	0.0	2.211	0.000	2	0	1	1
PL.15117	PL.12691	A	4ACSR	7.58Y	126.3	0.00	-0.25	0.81	0	6	1	99	0.00	0.0	2.015	0.006	0	0	0	1
PD.2803	PL.15117	A	fuse6AMP	7.58Y	126.3	0.00	-0.25	0.81	14	6	1	99	0.00	0.0	2.015	0.000	0	0	0	1
PL.15118	PD.2803	A	4ACSR	7.57Y	126.2	0.00	-0.25	0.81	0	6	1	99	0.00	0.0	2.118	0.104	0	0	0	1
5016005	PL.15118	A	Consumer	7.57Y	126.2	0.00	-0.25	0.00	0	0	0	100	0.00	0.0	2.118	0.000	0	0	0	0
501601	PL.15118	A	Consumer	7.57Y	126.2	0.00	-0.25	0.81	0	6	1	99	0.00	0.0	2.118	0.000	6	1	1	1
PL.15826	PL.12690	A	4ACSR	7.57Y	126.2	0.00	-0.18	1.97	1	15	2	99	0.00	0.0	1.822	0.005	0	0	0	2
PD.2802	PL.15826	A	fuse6AMP	7.57Y	126.2	0.00	-0.18	1.97	34	15	2	99	0.00	0.0	1.822	0.000	0	0	0	2
PL.15827	PD.2802	A	4ACSR	7.57Y	126.2	0.00	-0.17	1.97	1	15	2	99	0.00	0.0	1.870	0.048	0	0	0	2
PL.25003	PL.15827	A	4ACSR	7.57Y	126.2	0.00	-0.17	0.49	0	4	1	97	0.00	0.0	1.906	0.036	0	0	0	1
500401	PL.25003	A	Consumer	7.57Y	126.2	0.00	-0.17	0.49	0	4	1	97	0.00	0.0	1.906	0.000	4	1	1	1
500501	PL.15827	A	Consumer	7.57Y	126.2	0.00	-0.17	1.48	0	11	2	98	0.00	0.0	1.870	0.000	11	2	1	1
500502	PL.15827	A	Consumer	7.57Y	126.2	0.00	-0.17	0.00	0	0	0	100	0.00	0.0	1.870	0.000	0	0	0	0
502401	PL.25001	A	Consumer	7.57Y	126.1	0.00	-0.11	0.00	0	0	0	100	0.00	0.0	1.608	0.000	0	0	1	1
503406	PL.24830	B	Consumer	7.46Y	124.3	0.00	1.70	1.15	0	8	1	99	0.00	0.0	1.535	0.000	8	1	1	1
503404	PL.24830	B	Consumer	7.46Y	124.3	0.00	1.70	0.43	0	3	1	95	0.00	0.0	1.535	0.000	3	1	1	1
503306	PL.24830	B	Consumer	7.46Y	124.3	0.00	1.70	0.35	0	3	0	100	0.00	0.0	1.535	0.000	3	0	1	1
503403	PL.24830	B	Consumer	7.46Y	124.3	0.00	1.70	0.38	0	3	0	100	0.00	0.0	1.535	0.000	3	0	1	1
501201	PL.41187	A	Consumer	7.56Y	126.0	0.00	0.03	1.84	0	13	6	91	0.00	0.0	1.213	0.000	13	6	1	1
		C		7.52Y	125.4	0.00	0.59	1.85	0	13	6	90			13	6	1	1	1	
500201	PL.12917	A	Consumer	7.56Y	125.9	0.00	0.07	0.44	0	3	1	95	0.00	0.0	1.069	0.000	3	1	1	1
019589	PL.17131	A	Consumer	7.55Y	125.9	0.00	0.09	0.06	0	0	0	100	0.00	0.0	0.898	0.000	0	0	1	1
PL.17987	PL.45429	A	4ACSR	7.55Y	125.9	0.01	0.11	23.14	12	173	28	99	0.02	0.0	0.552	0.014	0	0	0	35
PD.3370	PL.17987	A	70V4E	7.55Y	125.9	0.00	0.11	23.14	0	173	28	99	0.00	0.0	0.552	0.000	0	0	0	35
PL.17988	PD.3370	A	4ACSR	7.55Y	125.8	0.04	0.15	23.14	12	173	28	99	0.05	0.0	0.591	0.039	0	0	0	35

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
019456	PL.17988	A	Consumer	7.55Y	125.8	0.00	0.15	1.32	0	10	2	98	0.00	0.0	0.591	0.000	10	2	1	1
0194101	PL.17988	A	Consumer	7.55Y	125.8	0.00	0.15	1.81	0	14	2	99	0.00	0.0	0.591	0.000	14	2	1	1
019444	PL.17988	A	Consumer	7.55Y	125.8	0.00	0.15	0.36	0	3	0	100	0.00	0.0	0.591	0.000	3	0	1	1
0194109	PL.17988	A	Consumer	7.55Y	125.8	0.00	0.15	0.41	0	3	0	100	0.00	0.0	0.591	0.000	3	0	1	1
PL.12925	PL.17988	A	4ACSR	7.55Y	125.8	0.08	0.23	19.22	10	143	23	99	0.08	0.1	0.687	0.095	0	0	0	31
PL.12926	PL.12925	A	4ACSR	7.54Y	125.7	0.02	0.25	18.09	9	135	22	99	0.02	0.0	0.714	0.027	0	0	0	29
PL.12927	PL.12926	A	4ACSR	7.54Y	125.7	0.06	0.32	17.17	9	128	21	99	0.06	0.0	0.798	0.084	0	0	0	28
PL.12928	PL.12927	A	4ACSR	7.54Y	125.6	0.09	0.41	15.38	8	114	18	99	0.08	0.1	0.937	0.138	0	0	0	26
PL.12929	PL.12928	A	4ACSR	7.53Y	125.5	0.05	0.46	13.09	7	97	16	99	0.03	0.0	1.022	0.085	0	0	0	22
018470	PL.12929	A	Consumer	7.53Y	125.5	0.00	0.46	0.45	0	3	1	95	0.00	0.0	1.022	0.000	3	1	1	1
018411	PL.12929	A	Consumer	7.53Y	125.5	0.00	0.46	1.25	0	9	1	99	0.00	0.0	1.022	0.000	9	1	1	1
0184130	PL.12929	A	Consumer	7.53Y	125.5	0.00	0.46	0.05	0	0	0	100	0.00	0.0	1.022	0.000	0	0	1	1
018480	PL.12929	A	Consumer	7.53Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	1.022	0.000	0	0	0	0
PL.12930	PL.12929	A	4ACSR	7.53Y	125.5	0.02	0.48	11.35	6	84	14	99	0.01	0.0	1.070	0.048	0	0	0	19
PL.17134	PL.12930	A	4ACSR	7.53Y	125.5	0.00	0.48	9.29	5	69	11	99	0.00	0.0	1.074	0.004	0	0	0	15
PD.156-A	PL.17134	A	Closed	7.53Y	125.5	0.00	0.48	9.29	0	69	11	99	0.00	0.0	1.074	0.000	0	0	0	15
PD.156-B	PD.156-A	A	Closed	7.53Y	125.5	0.00	0.48	9.29	0	69	11	99	0.00	0.0	1.074	0.000	0	0	0	15
PL.17135	PD.156-B	A	4ACSR	7.53Y	125.5	0.02	0.50	9.29	5	69	11	99	0.01	0.0	1.119	0.045	0	0	0	15
PL.4491	PL.17135	A	4ACSR	7.53Y	125.5	0.03	0.53	9.29	5	69	11	99	0.02	0.0	1.206	0.087	0	0	0	14
PL.4490	PL.4491	A	4ACSR	7.53Y	125.4	0.02	0.55	7.75	4	58	9	99	0.01	0.0	1.266	0.060	0	0	0	12
018446	PL.4490	A	Consumer	7.53Y	125.4	0.00	0.55	0.34	0	3	0	100	0.00	0.0	1.266	0.000	3	0	1	1
PL.6101	PL.4490	A	4ACSR	7.53Y	125.4	0.01	0.56	4.67	2	35	6	99	0.00	0.0	1.301	0.034	0	0	0	7
PL.12931	PL.6101	A	4ACSR	7.53Y	125.4	0.01	0.57	4.67	2	35	6	99	0.00	0.0	1.333	0.032	0	0	0	7
PL.12932	PL.12931	A	4ACSR	7.53Y	125.4	0.01	0.57	1.75	1	13	2	99	0.00	0.0	1.414	0.081	0	0	0	3
PL.32810	PL.12932	A	4ACSR	7.53Y	125.4	0.00	0.57	0.60	0	4	1	97	0.00	0.0	1.445	0.031	0	0	0	1
0184127	PL.32810	A	Consumer	7.53Y	125.4	0.00	0.57	0.60	0	4	1	97	0.00	0.0	1.445	0.000	4	1	1	1
018489	PL.12932	A	Consumer	7.53Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	1.414	0.000	0	0	0	0
018491	PL.12932	A	Consumer	7.53Y	125.4	0.00	0.57	0.38	0	3	0	100	0.00	0.0	1.414	0.000	3	0	1	1
018445	PL.12932	A	Consumer	7.53Y	125.4	0.00	0.57	0.77	0	6	1	99	0.00	0.0	1.414	0.000	6	1	1	1
018496	PL.12931	A	Consumer	7.53Y	125.4	0.00	0.57	0.45	0	3	1	95	0.00	0.0	1.333	0.000	3	1	1	1
0184126	PL.12931	A	Consumer	7.53Y	125.4	0.00	0.57	1.19	0	9	1	99	0.00	0.0	1.333	0.000	9	1	1	1
0184104	PL.12931	A	Consumer	7.53Y	125.4	0.00	0.57	0.42	0	3	1	95	0.00	0.0	1.333	0.000	3	1	1	1
018479	PL.12931	A	Consumer	7.53Y	125.4	0.00	0.57	0.87	0	6	1	99	0.00	0.0	1.333	0.000	6	1	1	1
PL.38934	PL.6101	A	2ACSR	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	1.308	0.007	0	0	0	0
PD.6776	PL.38934	A	fuse6AMP	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	1.308	0.000	0	0	0	0
PL.38935	PD.6776	A	2ACSR	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	1.400	0.093	0	0	0	0
0184129	PL.38935	A	Consumer	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	1.400	0.000	0	0	0	0
018482	PL.6101	A	Consumer	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	1.301	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.38932	PL.4490	A	4ACSR	7.53Y	125.4	0.00	0.55	2.73	1	20	3	99	0.00	0.0	1.277	0.011	0	0	0	4
PD.6775	PL.38932	A	fuse6AMP	7.53Y	125.4	0.00	0.55	2.73	47	20	3	99	0.00	0.0	1.277	0.000	0	0	0	4
PL.38933	PD.6775	A	4ACSR	7.53Y	125.4	0.01	0.56	2.73	1	20	3	99	0.00	0.0	1.341	0.064	0	0	0	4
PL.1657	PL.38933	A	4ACSR	7.53Y	125.4	0.00	0.56	0.31	0	2	0	100	0.00	0.0	1.412	0.071	0	0	0	1
018444	PL.1657	A	Consumer	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	1.412	0.000	0	0	0	0
0184118	PL.1657	A	Consumer	7.53Y	125.4	0.00	0.56	0.31	0	2	0	100	0.00	0.0	1.412	0.000	2	0	1	1
0184117	PL.1657	A	Consumer	7.53Y	125.4	0.00	0.56	0.00	0	0	0	100	0.00	0.0	1.412	0.000	0	0	0	0
018486	PL.38933	A	Consumer	7.53Y	125.4	0.00	0.56	0.87	0	6	1	99	0.00	0.0	1.341	0.000	6	1	1	1
018447	PL.38933	A	Consumer	7.53Y	125.4	0.00	0.56	1.06	0	8	1	99	0.00	0.0	1.341	0.000	8	1	1	1
018460	PL.38933	A	Consumer	7.53Y	125.4	0.00	0.56	0.49	0	4	1	97	0.00	0.0	1.341	0.000	4	1	1	1
018461	PL.4491	A	Consumer	7.53Y	125.5	0.00	0.53	0.58	0	4	1	97	0.00	0.0	1.206	0.000	4	1	1	1
018456	PL.4491	A	Consumer	7.53Y	125.5	0.00	0.53	0.96	0	7	1	99	0.00	0.0	1.206	0.000	7	1	1	1
018455	PL.17135	A	Consumer	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.119	0.000	0	0	1	1
PL.38928	PL.12930	A	4ACSR	7.53Y	125.5	0.00	0.48	1.54	1	11	2	98	0.00	0.0	1.076	0.006	0	0	0	3
PD.6773	PL.38928	A	fuse6AMP	7.53Y	125.5	0.00	0.48	1.54	26	11	2	98	0.00	0.0	1.076	0.000	0	0	0	3
PL.38927	PD.6773	A	4ACSR	7.53Y	125.5	0.00	0.48	0.24	0	2	0	100	0.00	0.0	1.133	0.057	0	0	0	1
018440	PL.38927	A	Consumer	7.53Y	125.5	0.00	0.48	0.24	0	2	0	100	0.00	0.0	1.133	0.000	2	0	1	1
PL.38929	PD.6773	A	4ACSR	7.53Y	125.5	0.01	0.48	1.31	1	10	2	98	0.00	0.0	1.175	0.099	0	0	0	2
PL.6135	PL.38929	A	4ACSR	7.53Y	125.5	0.00	0.49	0.49	0	4	1	97	0.00	0.0	1.230	0.054	0	0	0	1
0184110	PL.6135	A	Consumer	7.53Y	125.5	0.00	0.49	0.49	0	4	1	97	0.00	0.0	1.230	0.000	4	1	1	1
018458	PL.38929	A	Consumer	7.53Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	1.175	0.000	0	0	0	0
018459	PL.38929	A	Consumer	7.53Y	125.5	0.00	0.48	0.82	0	6	1	99	0.00	0.0	1.175	0.000	6	1	1	1
PL.38930	PL.12930	A	4ACSR	7.53Y	125.5	0.00	0.48	0.52	0	4	1	97	0.00	0.0	1.076	0.006	0	0	0	1
PD.6774	PL.38930	A	fuse6AMP	7.53Y	125.5	0.00	0.48	0.52	9	4	1	97	0.00	0.0	1.076	0.000	0	0	0	1
PL.38931	PD.6774	A	4ACSR	7.53Y	125.5	0.00	0.48	0.52	0	4	1	97	0.00	0.0	1.100	0.024	0	0	0	1
PL.1656	PL.38931	A	4ACSR	7.53Y	125.5	0.00	0.48	0.52	0	4	1	97	0.00	0.0	1.119	0.019	0	0	0	1
018472	PL.1656	A	Consumer	7.53Y	125.5	0.00	0.48	0.52	0	4	1	97	0.00	0.0	1.119	0.000	4	1	1	1
018429	PL.12928	A	Consumer	7.54Y	125.6	0.00	0.41	0.48	0	4	1	97	0.00	0.0	0.937	0.000	4	1	1	1
018474	PL.12928	A	Consumer	7.54Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	0.937	0.000	0	0	0	0
0184112	PL.12928	A	Consumer	7.54Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	0.937	0.000	0	0	0	0
018488	PL.12928	A	Consumer	7.54Y	125.6	0.00	0.41	1.47	0	11	2	98	0.00	0.0	0.937	0.000	11	2	1	1
PL.38925	PL.12928	A	4ACSR	7.54Y	125.6	0.00	0.41	0.33	0	2	0	100	0.00	0.0	0.943	0.007	0	0	0	2
PD.6772	PL.38925	A	fuse6AMP	7.54Y	125.6	0.00	0.41	0.33	6	2	0	100	0.00	0.0	0.943	0.000	0	0	0	2
PL.38926	PD.6772	A	4ACSR	7.54Y	125.6	0.00	0.41	0.33	0	2	0	100	0.00	0.0	1.000	0.057	0	0	0	2
PL.23768	PL.38926	A	4ACSR	7.54Y	125.6	0.00	0.41	0.33	0	2	0	100	0.00	0.0	1.068	0.068	0	0	0	2
0184119	PL.23768	A	Consumer	7.54Y	125.6	0.00	0.41	0.07	0	1	0	100	0.00	0.0	1.068	0.000	1	0	1	1
018450	PL.23768	A	Consumer	7.54Y	125.6	0.00	0.41	0.26	0	2	0	100	0.00	0.0	1.068	0.000	2	0	1	1
PL.38923	PL.12927	A	4ACSR	7.54Y	125.7	0.00	0.32	0.26	0	2	0	100	0.00	0.0	0.805	0.007	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 2 (CLAYCTY2) beginning with Device PD.3882.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
019487	PL.45253	B	Consumer	7.55Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	0.437	0.000	0	0	0	0
019450	PL.45253	B	Consumer	7.55Y	125.8	0.00	0.23	1.05	0	8	1	99	0.00	0.0	0.437	0.000	8	1	1	1
PL.45254	PD.8633	B	4ACSR	7.55Y	125.8	0.00	0.23	0.26	0	2	0	100	0.00	0.0	0.432	0.058	0	0	0	1
019421	PL.45254	B	Consumer	7.55Y	125.8	0.00	0.23	0.26	0	2	0	100	0.00	0.0	0.432	0.000	2	0	1	1
PL.45250	PL.6127	B	4ACSR	7.55Y	125.8	0.00	0.23	1.53	1	11	2	98	0.00	0.0	0.375	0.006	0	0	0	2
PD.8632	PL.45250	B	fuse6AMP	7.55Y	125.8	0.00	0.23	1.53	26	11	2	98	0.00	0.0	0.375	0.000	0	0	0	2
PL.45251	PD.8632	B	4ACSR	7.55Y	125.8	0.00	0.23	1.53	1	11	2	98	0.00	0.0	0.434	0.059	0	0	0	2
SRL.27467	PL.45251	B	Consumer	7.55Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	0.434	0.000	0	0	0	0
019458	PL.45251	B	Consumer	7.55Y	125.8	0.00	0.23	1.31	0	10	2	98	0.00	0.0	0.434	0.000	10	2	1	1
0194115	PL.45251	B	Consumer	7.55Y	125.8	0.00	0.23	0.22	0	2	0	100	0.00	0.0	0.434	0.000	2	0	1	1
PL.12898	PL.6127	B	4ACSR	7.55Y	125.8	0.01	0.24	8.18	4	61	10	99	0.00	0.0	0.401	0.031	0	0	0	12
0194118	PL.12898	B	Consumer	7.55Y	125.8	0.00	0.24	1.00	0	7	1	99	0.00	0.0	0.401	0.000	7	1	1	1
PL.41199	PL.12898	B	4ACSR	7.55Y	125.8	0.00	0.24	7.17	4	53	9	99	0.00	0.0	0.414	0.013	0	0	0	11
PL.41198	PL.41199	B	2ACSR	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	0.459	0.046	0	0	0	0
0194124	PL.41198	B	Consumer	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	0.459	0.000	0	0	0	0
PL.41200	PL.41199	B	4ACSR	7.55Y	125.8	0.01	0.25	7.17	4	53	9	99	0.00	0.0	0.430	0.017	0	0	0	11
PL.45255	PL.41200	B	4ACSR	7.55Y	125.8	0.00	0.25	2.33	1	17	3	98	0.00	0.0	0.436	0.005	0	0	0	5
PD.8634	PL.45255	B	fuse6AMP	7.55Y	125.8	0.00	0.25	2.33	40	17	3	98	0.00	0.0	0.436	0.000	0	0	0	5
PL.45256	PD.8634	B	4ACSR	7.55Y	125.8	0.00	0.25	0.43	0	3	1	95	0.00	0.0	0.533	0.097	0	0	0	2
0184131	PL.45256	B	Consumer	7.55Y	125.8	0.00	0.25	0.00	0	0	0	100	0.00	0.0	0.533	0.000	0	0	1	1
018476	PL.45256	B	Consumer	7.55Y	125.8	0.00	0.25	0.43	0	3	1	95	0.00	0.0	0.533	0.000	3	1	1	1
PL.6129	PL.45256	B	4ACSR	7.55Y	125.8	0.00	0.25	0.00	0	0	0	100	0.00	0.0	0.533	0.000	0	0	0	0
PL.45257	PD.8634	B	4ACSR	7.54Y	125.7	0.01	0.25	1.90	1	14	2	99	0.00	0.0	0.498	0.062	0	0	0	3
018451	PL.45257	B	Consumer	7.54Y	125.7	0.00	0.25	0.00	0	0	0	100	0.00	0.0	0.498	0.000	0	0	0	0
018435	PL.45257	B	Consumer	7.54Y	125.7	0.00	0.25	1.29	0	10	2	98	0.00	0.0	0.498	0.000	10	2	1	1
018437	PL.45257	B	Consumer	7.54Y	125.7	0.00	0.25	0.33	0	2	0	100	0.00	0.0	0.498	0.000	2	0	1	1
018477	PL.45257	B	Consumer	7.54Y	125.7	0.00	0.25	0.28	0	2	0	100	0.00	0.0	0.498	0.000	2	0	1	1
PL.12900	PL.41200	B	4ACSR	7.54Y	125.7	0.02	0.27	4.84	2	36	6	99	0.01	0.0	0.536	0.105	0	0	0	6
PL.45258	PL.12900	B	4ACSR	7.54Y	125.7	0.00	0.27	1.07	1	8	1	99	0.00	0.0	0.541	0.005	0	0	0	1
PD.8635	PL.45258	B	fuse6AMP	7.54Y	125.7	0.00	0.27	1.07	18	8	1	99	0.00	0.0	0.541	0.000	0	0	0	1
PL.45259	PD.8635	B	4ACSR	7.54Y	125.7	0.00	0.27	1.07	1	8	1	99	0.00	0.0	0.605	0.064	0	0	0	1
018443	PL.45259	B	Consumer	7.54Y	125.7	0.00	0.27	1.07	0	8	1	99	0.00	0.0	0.605	0.000	8	1	1	1
0184116	PL.12900	B	Consumer	7.54Y	125.7	0.00	0.27	1.39	0	10	2	98	0.00	0.0	0.536	0.000	10	2	1	1
PL.17132	PL.12900	B	4ACSR	7.54Y	125.7	0.00	0.27	2.37	1	18	3	99	0.00	0.0	0.564	0.028	0	0	0	4
PD.1935	PL.17132	B	fuse6AMP	7.54Y	125.7	0.00	0.27	2.37	41	18	3	99	0.00	0.0	0.564	0.000	0	0	0	4
PL.17133	PD.1935	B	4ACSR	7.54Y	125.7	0.00	0.28	2.37	1	18	3	99	0.00	0.0	0.592	0.028	0	0	0	4
PL.12901	PL.17133	B	4ACSR	7.54Y	125.7	0.00	0.28	2.37	1	18	3	99	0.00	0.0	0.606	0.014	0	0	0	4
018483	PL.12901	B	Consumer	7.54Y	125.7	0.00	0.28	0.47	0	4	1	97	0.00	0.0	0.606	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.4489	PL.12901	B	4ACSR	7.54Y	125.7	0.00	0.28	1.90	1	14	2	99	0.00	0.0	0.656	0.050	0	0	0	3
PL.12902	PL.4489	B	4ACSR	7.54Y	125.7	0.00	0.28	1.90	1	14	2	99	0.00	0.0	0.670	0.014	0	0	0	3
PL.12903	PL.12902	B	4ACSR	7.54Y	125.7	0.00	0.28	1.02	1	8	1	99	0.00	0.0	0.714	0.044	0	0	0	1
0184105	PL.12903	B	Consumer	7.54Y	125.7	0.00	0.28	1.02	0	8	1	99	0.00	0.0	0.714	0.000	8	1	1	1
0184121	PL.12903	B	Consumer	7.54Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	0.714	0.000	0	0	0	0
PL.6132	PL.12903	B	4ACSR	7.54Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	0.888	0.174	0	0	0	0
018493	PL.12902	B	Consumer	7.54Y	125.7	0.00	0.28	0.88	0	7	1	99	0.00	0.0	0.670	0.000	7	1	1	1
0184122	PL.12902	B	Consumer	7.54Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	0.670	0.000	0	0	1	1
019492	PL.20516	B	Consumer	7.55Y	125.8	0.00	0.16	0.74	0	6	1	99	0.00	0.0	0.244	0.000	6	1	1	1
019404	PL.20516	B	Consumer	7.55Y	125.8	0.00	0.16	0.00	0	0	0	100	0.00	0.0	0.244	0.000	0	0	0	0
019437	PL.37687	B	Consumer	7.55Y	125.9	0.00	0.13	0.32	0	2	0	100	0.00	0.0	0.195	0.000	2	0	1	1
0194104	PL.37687	B	Consumer	7.55Y	125.9	0.00	0.13	0.16	0	1	0	100	0.00	0.0	0.195	0.000	1	0	1	1
019472	PL.37687	B	Consumer	7.55Y	125.9	0.00	0.13	1.19	0	9	1	99	0.00	0.0	0.195	0.000	9	1	1	1
PL.10954	PL.32843	A	336ACSR	7.54Y	125.7	0.29	0.32	120.84	17	899	160	98	1.85	0.1	0.286	0.262	0	0	0	191
		B		7.56Y	126.0	0.03	0.04	82.96	11	619	102	99					0	0	0	144
		C		7.55Y	125.9	0.10	0.11	51.73	7	383	79	98					0	0	0	63
PL.28121	PL.10954	C	4ACSR	7.55Y	125.9	0.00	0.11	0.84	0	6	1	99	0.00	0.0	0.293	0.006	0	0	0	2
PD.1936	PL.28121	C	fuse6AMP	7.55Y	125.9	0.00	0.11	0.84	14	6	1	99	0.00	0.0	0.293	0.000	0	0	0	2
PL.28120	PD.1936	C	4ACSR	7.55Y	125.9	0.00	0.11	0.84	0	6	1	99	0.00	0.0	0.334	0.041	0	0	0	2
PL.1660	PL.28120	C	4ACSR	7.55Y	125.9	0.00	0.11	0.84	0	6	1	99	0.00	0.0	0.366	0.032	0	0	0	2
PL.6119	PL.1660	C	4ACSR	7.55Y	125.9	0.00	0.11	0.84	0	6	1	99	0.00	0.0	0.385	0.020	0	0	0	2
019447	PL.6119	C	Consumer	7.55Y	125.9	0.00	0.11	0.40	0	3	0	100	0.00	0.0	0.385	0.000	3	0	1	1
019415	PL.6119	C	Consumer	7.55Y	125.9	0.00	0.11	0.44	0	3	1	95	0.00	0.0	0.385	0.000	3	1	1	1
PL.6120	PL.6119	C	4ACSR	7.55Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	0.428	0.043	0	0	0	0
019434	PL.6120	C	Consumer	7.55Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	0.428	0.000	0	0	0	0
PL.16998	PL.10954	A	336ACSR	7.54Y	125.6	0.05	0.37	120.84	17	898	157	99	0.33	0.0	0.334	0.047	0	0	0	191
		B		7.56Y	126.0	0.01	0.04	82.96	11	619	101	99					0	0	0	144
		C		7.55Y	125.9	0.02	0.13	50.90	7	376	78	98					0	0	0	61
PL.16999	PL.16998	A	4/0ACSR	7.54Y	125.6	0.00	0.37	83.24	18	618	110	98	0.00	0.0	0.334	0.000	0	0	0	125
		B		7.56Y	126.0	0.00	0.04	82.96	18	619	100	99					0	0	0	144
		C		7.55Y	125.9	0.00	0.13	50.90	11	376	78	98					0	0	0	61
PL.74	PL.16999	A	4/0ACSR	7.53Y	125.5	0.16	0.53	83.24	18	618	110	98	1.11	0.1	0.487	0.153	0	0	0	125
		B		7.55Y	125.9	0.09	0.14	82.96	18	619	100	99					0	0	0	144
		C		7.55Y	125.8	0.05	0.18	50.90	11	376	78	98					0	0	0	61
PL.26223	PL.74	A	4/0ACSR	7.52Y	125.3	0.12	0.65	83.24	18	617	110	98	0.83	0.1	0.601	0.114	0	0	0	125
		B		7.55Y	125.8	0.07	0.21	82.96	18	619	99	99					0	0	0	144
		C		7.55Y	125.8	0.04	0.22	50.90	11	376	78	98					0	0	0	61
PL.15972	PL.26223	A	4/0ACSR	7.51Y	125.2	0.16	0.81	82.20	17	609	105	99	1.06	0.1	0.750	0.149	0	0	0	124
		B		7.54Y	125.7	0.09	0.30	82.96	18	618	99	99					0	0	0	144
		C		7.54Y	125.7	0.05	0.27	49.85	11	369	74	98					0	0	0	60
PL.15973	PL.15972	A	4/0ACSR	7.51Y	125.2	0.01	0.82	82.20	17	609	105	99	0.04	0.0	0.756	0.006	0	0	0	124
		B		7.54Y	125.7	0.00	0.30	82.96	18	618	98	99					0	0	0	144
		C		7.54Y	125.7	0.00	0.28	49.85	11	369	74	98					0	0	0	60
PD.2355-A	PL.15973	A	Closed	7.51Y	125.2	0.00	0.82	82.20	0	609	104	99	0.00	0.0	0.756	0.000	0	0	0	124
		B		7.54Y	125.7	0.00	0.30	82.96	0	618	98	99					0	0	0	144
		C		7.54Y	125.7	0.00	0.28	49.85	0	369	74	98					0	0	0	60

Unbalanced Voltage Drop Report
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PD.2355-B, PL.16203, PL.26224, OH35, OCD37, OH36, PL.24226, PL.12609, PL.12608, PL.7744, PL.7743, PL.288, PL.390, PL.12607, PL.27041, PD.507-A, PD.507-B, PL.27042, 0714134, 071413.

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
0714146	PL.27042	B	Consumer	7.53Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	1.704	0.000	0	0	0	0
PL.27043	PL.27042	C	4ACSR	7.53Y	125.5	0.00	0.47	10.47	5	78	13	99	0.00	0.0	1.710	0.005	0	0	0	22
PD.508-A	PL.27043	C	Closed	7.53Y	125.5	0.00	0.47	10.47	0	78	13	99	0.00	0.0	1.710	0.000	0	0	0	22
PD.508-B	PD.508-A	C	Closed	7.53Y	125.5	0.00	0.47	10.47	0	78	13	99	0.00	0.0	1.710	0.000	0	0	0	22
PL.27044	PD.508-B	C	4ACSR	7.53Y	125.5	0.00	0.47	10.47	5	78	13	99	0.00	0.0	1.715	0.005	0	0	0	22
PD.3429	PL.27044	C	35V4E	7.53Y	125.5	0.00	0.47	10.47	30	78	13	99	0.00	0.0	1.715	0.000	0	0	0	22
PL.27045	PD.3429	C	4ACSR	7.53Y	125.5	0.03	0.50	10.47	5	78	13	99	0.02	0.0	1.774	0.059	0	0	0	22
PL.7592	PL.27045	C	4ACSR	7.53Y	125.5	0.01	0.51	10.11	5	75	12	99	0.01	0.0	1.795	0.021	0	0	0	21
PL.7590	PL.7592	C	4ACSR	7.53Y	125.5	0.02	0.53	3.41	2	25	4	99	0.00	0.0	1.909	0.113	0	0	0	8
PL.7591	PL.7590	C	4ACSR	7.53Y	125.5	0.01	0.54	2.59	1	19	3	99	0.00	0.0	2.037	0.128	0	0	0	6
PL.7589	PL.7591	C	4ACSR	7.53Y	125.5	0.00	0.54	0.45	0	3	1	95	0.00	0.0	2.074	0.037	0	0	0	2
071473	PL.7589	C	Consumer	7.53Y	125.5	0.00	0.54	0.38	0	3	0	100	0.00	0.0	2.074	0.000	3	0	1	1
0714140	PL.7589	C	Consumer	7.53Y	125.5	0.00	0.54	0.07	0	1	0	100	0.00	0.0	2.074	0.000	1	0	1	1
071492	PL.7589	C	Consumer	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	2.074	0.000	0	0	0	0
071449	PL.7591	C	Consumer	7.53Y	125.5	0.00	0.54	0.25	0	2	0	100	0.00	0.0	2.037	0.000	2	0	1	1
071448	PL.7591	C	Consumer	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	2.037	0.000	0	0	0	0
071466	PL.7591	C	Consumer	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	2.037	0.000	0	0	0	0
0714131	PL.7591	C	Consumer	7.53Y	125.5	0.00	0.54	0.94	0	7	1	99	0.00	0.0	2.037	0.000	7	1	1	1
071442	PL.7591	C	Consumer	7.53Y	125.5	0.00	0.54	0.86	0	6	1	99	0.00	0.0	2.037	0.000	6	1	1	1
0714114	PL.7591	C	Consumer	7.53Y	125.5	0.00	0.54	0.08	0	1	0	100	0.00	0.0	2.037	0.000	1	0	1	1
071484	PL.7591	C	Consumer	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	2.037	0.000	0	0	0	0
0714109	PL.7590	C	Consumer	7.53Y	125.5	0.00	0.53	0.34	0	3	0	100	0.00	0.0	1.909	0.000	3	0	1	1
0714110	PL.7590	C	Consumer	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0
071440	PL.7590	C	Consumer	7.53Y	125.5	0.00	0.53	0.48	0	4	1	97	0.00	0.0	1.909	0.000	4	1	1	1
0714101	PL.7592	C	Consumer	7.53Y	125.5	0.00	0.51	0.60	0	4	1	97	0.00	0.0	1.795	0.000	4	1	1	1
071414	PL.7592	C	Consumer	7.53Y	125.5	0.00	0.51	0.24	0	2	0	100	0.00	0.0	1.795	0.000	2	0	1	1
PL.12247	PL.7592	C	4ACSR	7.53Y	125.5	0.02	0.53	5.87	3	44	7	99	0.01	0.0	1.859	0.064	0	0	0	11
PL.12248	PL.12247	C	4ACSR	7.53Y	125.5	0.02	0.54	5.87	3	44	7	99	0.01	0.0	1.930	0.070	0	0	0	11
071422	PL.12248	C	Consumer	7.53Y	125.5	0.00	0.54	0.32	0	2	0	100	0.00	0.0	1.930	0.000	2	0	1	1
071426	PL.12248	C	Consumer	7.53Y	125.5	0.00	0.54	0.61	0	5	1	98	0.00	0.0	1.930	0.000	5	1	1	1
071453	PL.12248	C	Consumer	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	1.930	0.000	0	0	0	0
071436	PL.12248	C	Consumer	7.53Y	125.5	0.00	0.54	1.67	0	12	2	99	0.00	0.0	1.930	0.000	12	2	1	1
071460	PL.12248	C	Consumer	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	1.930	0.000	0	0	0	0
071431	PL.12248	C	Consumer	7.53Y	125.5	0.00	0.54	0.44	0	3	1	95	0.00	0.0	1.930	0.000	3	1	1	1
071493	PL.12248	C	Consumer	7.53Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	1.930	0.000	0	0	0	0
PL.12249	PL.12248	C	4ACSR	7.53Y	125.4	0.01	0.55	2.83	1	21	3	99	0.00	0.0	2.019	0.089	0	0	0	7
PL.12250	PL.12249	C	4ACSR	7.53Y	125.4	0.00	0.56	0.33	0	2	0	100	0.00	0.0	2.096	0.078	0	0	0	2
071423	PL.12250	C	Consumer	7.53Y	125.4	0.00	0.56	0.09	0	1	0	100	0.00	0.0	2.096	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
0714121	PL.12250	C	Consumer	7.53Y	125.4	0.00	0.56	0.24	0	2	0	100	0.00	0.0	2.096	0.000	2	0	1	1
071463	PL.12249	C	Consumer	7.53Y	125.4	0.00	0.55	0.22	0	2	0	100	0.00	0.0	2.019	0.000	2	0	1	1
071427	PL.12249	C	Consumer	7.53Y	125.4	0.00	0.55	0.39	0	3	0	100	0.00	0.0	2.019	0.000	3	0	1	1
071445	PL.12249	C	Consumer	7.53Y	125.4	0.00	0.55	0.69	0	5	1	98	0.00	0.0	2.019	0.000	5	1	1	1
071425	PL.12249	C	Consumer	7.53Y	125.4	0.00	0.55	0.92	0	7	1	99	0.00	0.0	2.019	0.000	7	1	1	1
0714117	PL.12249	C	Consumer	7.53Y	125.4	0.00	0.55	0.00	0	0	0	100	0.00	0.0	2.019	0.000	0	0	0	0
071428	PL.12249	C	Consumer	7.53Y	125.4	0.00	0.55	0.27	0	2	0	100	0.00	0.0	2.019	0.000	2	0	1	1
PL.4896	PL.12247	C	4ACSR	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	1.895	0.035	0	0	0	0
071437	PL.4896	C	Consumer	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	1.895	0.000	0	0	0	0
071441	PL.27045	C	Consumer	7.53Y	125.5	0.00	0.50	0.36	0	3	0	100	0.00	0.0	1.774	0.000	3	0	1	1
PL.27046	PL.27042	C	4ACSR	7.53Y	125.5	0.00	0.47	0.58	0	4	1	97	0.00	0.0	1.710	0.005	0	0	0	1
PD.2120	PL.27046	C	fuse6AMP	7.53Y	125.5	0.00	0.47	0.58	10	4	1	97	0.00	0.0	1.710	0.000	0	0	0	1
PL.27047	PD.2120	C	4ACSR	7.53Y	125.5	0.00	0.47	0.58	0	4	1	97	0.00	0.0	1.740	0.031	0	0	0	1
0714125	PL.27047	C	Consumer	7.53Y	125.5	0.00	0.47	0.58	0	4	1	97	0.00	0.0	1.740	0.000	4	1	1	1
PL.7596	PL.27042	A	1/0ACSR	7.48Y	124.6	0.02	1.41	13.86	4	102	21	98	0.06	0.0	1.755	0.051	0	0	0	22
		B		7.52Y	125.4	0.03	0.61	31.75	10	235	44	98					0	0	0	49
		C		7.53Y	125.5	-0.00	0.47	8.76	3	64	15	97					0	0	0	13
0714127	PL.7596	B	Consumer	7.52Y	125.4	0.00	0.61	1.34	0	10	2	98	0.00	0.0	1.755	0.000	10	2	1	1
PL.19942	PL.7596	A	1/0ACSR	7.47Y	124.6	0.02	1.43	13.86	4	102	21	98	0.06	0.0	1.808	0.052	0	0	0	22
		B		7.52Y	125.4	0.03	0.64	30.41	9	225	42	98					0	0	0	48
		C		7.53Y	125.5	-0.00	0.46	8.76	3	64	15	97					0	0	0	13
PL.19943	PL.19942	A	1/0ACSR	7.47Y	124.5	0.03	1.45	13.86	4	102	21	98	0.09	0.0	1.887	0.079	0	0	0	22
		B		7.52Y	125.3	0.05	0.68	30.41	9	225	42	98					0	0	0	47
		C		7.53Y	125.5	-0.00	0.46	8.76	3	64	15	97					0	0	0	13
PL.25176	PL.19943	A	1/0ACSR	7.47Y	124.5	0.01	1.47	12.32	4	90	19	98	0.05	0.0	1.931	0.045	0	0	0	17
		B		7.52Y	125.3	0.03	0.71	30.11	9	223	42	98					0	0	0	44
		C		7.53Y	125.5	-0.00	0.46	8.76	3	64	15	97					0	0	0	13
071447	PL.25176	B	Consumer	7.52Y	125.3	0.00	0.71	0.65	0	5	1	98	0.00	0.0	1.931	0.000	5	1	1	1
071434	PL.25176	B	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	1.931	0.000	0	0	0	0
071438	PL.25176	B	Consumer	7.52Y	125.3	0.00	0.71	0.46	0	3	1	95	0.00	0.0	1.931	0.000	3	1	1	1
071458	PL.25176	B	Consumer	7.52Y	125.3	0.00	0.71	0.30	0	2	0	100	0.00	0.0	1.931	0.000	2	0	1	1
071435	PL.25176	B	Consumer	7.52Y	125.3	0.00	0.71	0.40	0	3	0	100	0.00	0.0	1.931	0.000	3	0	1	1
PL.12251	PL.25176	A	1/0ACSR	7.47Y	124.5	0.01	1.48	12.32	4	90	19	98	0.04	0.0	1.968	0.037	0	0	0	17
		B		7.52Y	125.3	0.02	0.73	28.30	9	209	39	98					0	0	0	40
		C		7.53Y	125.5	-0.00	0.46	8.76	3	64	15	97					0	0	0	13
PL.12252	PL.12251	A	1/0ACSR	7.47Y	124.5	0.02	1.50	12.32	4	90	19	98	0.05	0.0	2.028	0.060	0	0	0	17
		B		7.51Y	125.2	0.03	0.76	27.84	8	206	38	98					0	0	0	39
		C		7.53Y	125.5	-0.01	0.45	3.26	1	23	8	95					0	0	0	4
PL.27052	PL.12252	C	4ACSR	7.53Y	125.5	0.00	0.45	1.60	1	12	2	99	0.00	0.0	2.034	0.005	0	0	0	3
PD.2123	PL.27052	C	fuse6AMP	7.53Y	125.5	0.00	0.45	1.60	27	12	2	99	0.00	0.0	2.034	0.000	0	0	0	3
PL.27053	PD.2123	C	4ACSR	7.53Y	125.5	0.00	0.45	1.60	1	12	2	99	0.00	0.0	2.075	0.042	0	0	0	3
PL.25175	PL.27053	C	4ACSR	7.53Y	125.5	0.00	0.46	0.76	0	6	1	99	0.00	0.0	2.121	0.046	0	0	0	1
071464	PL.25175	C	Consumer	7.53Y	125.5	0.00	0.46	0.76	0	6	1	99	0.00	0.0	2.121	0.000	6	1	1	1
0714106	PL.27053	C	Consumer	7.53Y	125.5	0.00	0.45	0.00	0	0	0	100	0.00	0.0	2.075	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 071465, 0714136, PL.27050, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.12259	PL.12258	A	4ACSR	7.46Y	124.4	0.02	1.64	9.22	5	68	11	99	0.01	0.0	2.356	0.061	0	0	0	9
PL.7597	PL.12259	A	4ACSR	7.46Y	124.3	0.01	1.65	9.22	5	68	11	99	0.01	0.0	2.391	0.036	0	0	0	9
PL.7598	PL.7597	A	4ACSR	7.46Y	124.3	0.02	1.67	8.17	4	60	10	99	0.01	0.0	2.449	0.058	0	0	0	8
PL.12260	PL.7598	A	4ACSR	7.46Y	124.3	0.03	1.70	5.92	3	44	7	99	0.01	0.0	2.573	0.124	0	0	0	6
PL.4888	PL.12260	A	4ACSR	7.46Y	124.3	0.01	1.71	0.94	0	7	1	99	0.00	0.0	2.704	0.130	0	0	0	1
071498	PL.4888	A	Consumer	7.46Y	124.3	0.00	1.71	0.00	0	0	0	100	0.00	0.0	2.704	0.000	0	0	0	0
0714137	PL.4888	A	Consumer	7.46Y	124.3	0.00	1.71	0.94	0	7	1	99	0.00	0.0	2.704	0.000	7	1	1	1
PL.4894	PL.12260	A	4ACSR	7.46Y	124.3	0.00	1.71	1.64	1	12	2	99	0.00	0.0	2.624	0.050	0	0	0	2
0714120	PL.4894	A	Consumer	7.46Y	124.3	0.00	1.71	1.06	0	8	1	99	0.00	0.0	2.624	0.000	8	1	1	1
0714132	PL.4894	A	Consumer	7.46Y	124.3	0.00	1.71	0.58	0	4	1	97	0.00	0.0	2.624	0.000	4	1	1	1
PL.12261	PL.12260	A	4ACSR	7.46Y	124.3	0.01	1.71	3.34	2	25	4	99	0.00	0.0	2.611	0.038	0	0	0	3
PL.12720	PL.12261	A	4ACSR	7.46Y	124.3	0.01	1.72	2.16	1	16	3	98	0.00	0.0	2.703	0.091	0	0	0	2
0714123	PL.12720	A	Consumer	7.46Y	124.3	0.00	1.72	1.34	0	10	2	98	0.00	0.0	2.703	0.000	10	2	1	1
071496	PL.12720	A	Consumer	7.46Y	124.3	0.00	1.72	0.82	0	6	1	99	0.00	0.0	2.703	0.000	6	1	1	1
PL.4893	PL.12261	A	4ACSR	7.46Y	124.3	0.00	1.71	1.18	1	9	1	99	0.00	0.0	2.654	0.043	0	0	0	1
071482	PL.4893	A	Consumer	7.46Y	124.3	0.00	1.71	1.18	0	9	1	99	0.00	0.0	2.654	0.000	9	1	1	1
071499	PL.7598	A	Consumer	7.46Y	124.3	0.00	1.67	1.35	0	10	2	98	0.00	0.0	2.449	0.000	10	2	1	1
PL.4889	PL.7598	A	4ACSR	7.46Y	124.3	0.00	1.67	0.90	0	7	1	99	0.00	0.0	2.468	0.020	0	0	0	1
071495	PL.4889	A	Consumer	7.46Y	124.3	0.00	1.67	0.90	0	7	1	99	0.00	0.0	2.468	0.000	7	1	1	1
0714128	PL.7597	A	Consumer	7.46Y	124.3	0.00	1.65	1.05	0	8	1	99	0.00	0.0	2.391	0.000	8	1	1	1
071403	PL.12259	A	Consumer	7.46Y	124.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	2.356	0.000	0	0	0	0
0714108	PL.12254	A	Consumer	7.47Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	2.175	0.000	0	0	1	1
071418	PL.12254	A	Consumer	7.47Y	124.4	0.00	1.56	0.42	0	3	0	100	0.00	0.0	2.175	0.000	3	0	1	1
PL.15622	PL.12253	A	336ACSR	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	2.103	0.006	0	0	0	0
		B		7.51Y	125.2	0.00	0.79	0.00	0	0	0	100			0	0	0	0	0	
		C		7.53Y	125.6	0.00	0.44	0.00	0	0	0	100			0	0	0	0	0	
SW32-A	PL.15622	A	Open	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	2.103	0.000	0	0	0	0
		B		7.51Y	125.2	0.00	0.79	0.00	0	0	0	100			0	0	0	0	0	
		C		7.53Y	125.6	0.00	0.44	0.00	0	0	0	100			0	0	0	0	0	
PL.15620	PL.12253	B	4ACSR	7.51Y	125.1	0.12	0.91	24.88	13	184	30	99	0.16	0.1	2.209	0.111	0	0	0	37
PD.3423	PL.15620	B	50E	7.51Y	125.1	0.00	0.91	24.88	50	184	30	99	0.00	0.0	2.209	0.000	0	0	0	37
PL.15621	PD.3423	B	4ACSR	7.51Y	125.1	0.01	0.92	24.88	13	184	30	99	0.01	0.0	2.214	0.005	0	0	0	37
PL.12721	PL.15621	B	4ACSR	7.50Y	125.1	0.03	0.95	22.89	12	170	28	99	0.04	0.0	2.248	0.034	0	0	0	35
072428	PL.12721	B	Consumer	7.50Y	125.1	0.00	0.95	0.38	0	3	0	100	0.00	0.0	2.248	0.000	3	0	1	1
072447	PL.12721	B	Consumer	7.50Y	125.1	0.00	0.95	0.11	0	1	0	100	0.00	0.0	2.248	0.000	1	0	1	1
072458	PL.12721	B	Consumer	7.50Y	125.1	0.00	0.95	1.47	0	11	2	98	0.00	0.0	2.248	0.000	11	2	1	1
PL.26232	PL.12721	B	4ACSR	7.50Y	125.0	0.05	1.00	20.92	11	155	25	99	0.06	0.0	2.307	0.059	0	0	0	32
PL.15629	PL.26232	B	4ACSR	7.50Y	125.0	0.00	1.00	0.14	0	1	0	100	0.00	0.0	2.313	0.005	0	0	0	1
PD.2129	PL.15629	B	fuse6AMP	7.50Y	125.0	0.00	1.00	0.14	2	1	0	100	0.00	0.0	2.313	0.000	0	0	0	1
PL.15630	PD.2129	B	4ACSR	7.50Y	125.0	0.00	1.00	0.14	0	1	0	100	0.00	0.0	2.380	0.068	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' with a base voltage of 120.0.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
072502	PL.12768	B	Consumer	7.47Y	124.6	0.00	1.44	0.85	0	6	1	99	0.00	0.0	3.081	0.000	6	1	1	1
PL.12769	PL.12768	B	4ACSR	7.47Y	124.6	0.01	1.45	1.60	1	12	2	99	0.00	0.0	3.195	0.114	0	0	0	4
PL.15637	PL.12769	B	4ACSR	7.47Y	124.6	0.00	1.45	0.67	0	5	1	98	0.00	0.0	3.200	0.006	0	0	0	2
PL.15638	PL.15637	B	4ACSR	7.47Y	124.5	0.01	1.46	0.67	0	5	1	98	0.00	0.0	3.592	0.392	0	0	0	2
PL.8204	PL.15638	B	4ACSR	7.47Y	124.5	0.00	1.46	0.67	0	5	1	98	0.00	0.0	3.755	0.163	0	0	0	2
PL.8205	PL.8204	B	4ACSR	7.47Y	124.5	0.00	1.46	0.07	0	1	0	100	0.00	0.0	3.827	0.072	0	0	0	1
073522	PL.8205	B	Consumer	7.47Y	124.5	0.00	1.46	0.07	0	1	0	100	0.00	0.0	3.827	0.000	1	0	1	1
073430	PL.8204	B	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	3.755	0.000	0	0	0	0
073407	PL.8204	B	Consumer	7.47Y	124.5	0.00	1.46	0.60	0	4	1	97	0.00	0.0	3.755	0.000	4	1	1	1
PL.15639	PL.12769	B	4ACSR	7.47Y	124.6	0.00	1.45	0.93	0	7	1	99	0.00	0.0	3.200	0.005	0	0	0	2
PD.2126	PL.15639	B	fuse6AMP	7.47Y	124.6	0.00	1.45	0.93	16	7	1	99	0.00	0.0	3.200	0.000	0	0	0	2
PL.21410	PD.2126	B	4ACSR	7.47Y	124.6	0.00	1.45	0.93	0	7	1	99	0.00	0.0	3.227	0.027	0	0	0	2
PL.21411	PL.21410	B	4ACSR	7.47Y	124.6	0.00	1.45	0.00	0	0	0	100	0.00	0.0	3.266	0.040	0	0	0	1
PL.8170	PL.21411	B	4ACSR	7.47Y	124.6	0.00	1.45	0.00	0	0	0	100	0.00	0.0	3.268	0.001	0	0	0	0
072413	PL.21411	B	Consumer	7.47Y	124.6	0.00	1.45	0.00	0	0	0	100	0.00	0.0	3.266	0.000	0	0	1	1
072521	PL.21410	B	Consumer	7.47Y	124.6	0.00	1.45	0.93	0	7	1	99	0.00	0.0	3.227	0.000	7	1	1	1
PL.34824	PL.12768	B	4ACSR	7.47Y	124.6	0.00	1.44	1.83	1	14	2	99	0.00	0.0	3.085	0.004	0	0	0	4
PD.4967	PL.34824	B	fuse6AMP	7.47Y	124.6	0.00	1.44	1.83	31	14	2	99	0.00	0.0	3.085	0.000	0	0	0	4
PL.34827	PD.4967	B	4ACSR	7.47Y	124.6	0.00	1.44	1.83	1	14	2	99	0.00	0.0	3.089	0.005	0	0	0	4
PL.34826	PL.34827	B	4ACSR	7.47Y	124.6	0.00	1.44	0.03	0	0	0	100	0.00	0.0	3.115	0.026	0	0	0	1
072501	PL.34826	B	Consumer	7.47Y	124.6	0.00	1.44	0.03	0	0	0	100	0.00	0.0	3.115	0.000	0	0	1	1
PL.34828	PL.34827	B	4ACSR	7.47Y	124.6	0.00	1.44	1.81	1	13	2	99	0.00	0.0	3.133	0.043	0	0	0	3
072520	PL.34828	B	Consumer	7.47Y	124.6	0.00	1.44	0.96	0	7	1	99	0.00	0.0	3.133	0.000	7	1	1	1
PL.8168	PL.34828	B	4ACSR	7.47Y	124.6	0.00	1.44	0.85	0	6	1	99	0.00	0.0	3.182	0.049	0	0	0	2
072522	PL.8168	B	Consumer	7.47Y	124.6	0.00	1.44	0.28	0	2	0	100	0.00	0.0	3.182	0.000	2	0	1	1
072503	PL.8168	B	Consumer	7.47Y	124.6	0.00	1.44	0.57	0	4	1	97	0.00	0.0	3.182	0.000	4	1	1	1
072412	PL.26064	B	Consumer	7.48Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	2.728	0.000	0	0	0	0
0724103	PL.15634	B	Consumer	7.49Y	124.8	0.00	1.22	0.52	0	4	1	97	0.00	0.0	2.590	0.000	4	1	1	1
PL.15635	PL.26065	B	4ACSR	7.49Y	124.8	0.00	1.19	2.28	1	17	3	98	0.00	0.0	2.545	0.006	0	0	0	8
PD.3425	PL.15635	B	25V4E	7.49Y	124.8	0.00	1.19	2.28	9	17	3	98	0.00	0.0	2.545	0.000	0	0	0	8
PL.15636	PD.3425	B	4ACSR	7.49Y	124.8	0.02	1.21	2.28	1	17	3	98	0.00	0.0	2.718	0.173	0	0	0	8
072416	PL.15636	B	Consumer	7.49Y	124.8	0.00	1.21	0.38	0	3	0	100	0.00	0.0	2.718	0.000	3	0	1	1
0724171	PL.15636	B	Consumer	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	2.718	0.000	0	0	0	0
PL.26067	PL.15636	B	4ACSR	7.49Y	124.8	0.00	1.21	0.49	0	4	1	97	0.00	0.0	2.805	0.087	0	0	0	5
PL.26068	PL.26067	B	4ACSR	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	3.056	0.251	0	0	0	0
SW31-A	PL.26068	B	Open	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	3.056	0.000	0	0	0	0
072436	PL.26067	B	Consumer	7.49Y	124.8	0.00	1.21	0.09	0	1	0	100	0.00	0.0	2.805	0.000	1	0	1	1
0724160	PL.26067	B	Consumer	7.49Y	124.8	0.00	1.21	0.07	0	0	0	100	0.00	0.0	2.805	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
0724150	PL.26067	B	Consumer	7.49Y	124.8	0.00	1.21	0.07	0	0	0	100	0.00	0.0	2.805	0.000	0	0	1	1
PL.34786	PL.26067	B	4ACSR	7.49Y	124.8	0.00	1.21	0.27	0	2	0	100	0.00	0.0	2.822	0.017	0	0	0	2
PD.4962	PL.34786	B	fuse6AMP	7.49Y	124.8	0.00	1.21	0.27	5	2	0	100	0.00	0.0	2.822	0.000	0	0	0	2
PL.34787	PD.4962	B	4ACSR	7.49Y	124.8	0.00	1.21	0.27	0	2	0	100	0.00	0.0	2.892	0.070	0	0	0	2
072451	PL.34787	B	Consumer	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	2.892	0.000	0	0	0	0
072442	PL.34787	B	Consumer	7.49Y	124.8	0.00	1.21	0.04	0	0	0	100	0.00	0.0	2.892	0.000	0	0	1	1
072465	PL.34787	B	Consumer	7.49Y	124.8	0.00	1.21	0.22	0	2	0	100	0.00	0.0	2.892	0.000	2	0	1	1
PL.8181	PL.34787	B	4ACSR	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	2.930	0.038	0	0	0	0
PL.8182	PL.8181	B	4ACSR	7.49Y	124.8	0.00	1.21	0.00	0	0	0	100	0.00	0.0	2.930	0.000	0	0	0	0
PL.34784	PL.15636	B	4ACSR	7.49Y	124.8	0.00	1.21	1.41	1	10	2	98	0.00	0.0	2.732	0.014	0	0	0	2
PD.4961	PL.34784	B	fuse6AMP	7.49Y	124.8	0.00	1.21	1.41	24	10	2	98	0.00	0.0	2.732	0.000	0	0	0	2
PL.34785	PD.4961	B	4ACSR	7.49Y	124.8	0.00	1.21	1.41	1	10	2	98	0.00	0.0	2.805	0.073	0	0	0	2
PL.4796	PL.34785	B	4ACSR	7.49Y	124.8	0.00	1.21	0.78	0	6	1	99	0.00	0.0	2.844	0.039	0	0	0	1
PL.4794	PL.4796	B	4ACSR	7.49Y	124.8	0.00	1.22	0.78	0	6	1	99	0.00	0.0	2.903	0.059	0	0	0	1
PL.4795	PL.4794	B	4ACSR	7.49Y	124.8	0.00	1.22	0.78	0	6	1	99	0.00	0.0	3.002	0.099	0	0	0	1
PL.4791	PL.4795	B	4ACSR	7.49Y	124.8	0.00	1.22	0.78	0	6	1	99	0.00	0.0	3.041	0.039	0	0	0	1
PL.4790	PL.4791	B	4ACSR	7.49Y	124.8	0.00	1.22	0.78	0	6	1	99	0.00	0.0	3.087	0.047	0	0	0	1
072450	PL.4790	B	Consumer	7.49Y	124.8	0.00	1.22	0.78	0	6	1	99	0.00	0.0	3.087	0.000	6	1	1	1
0724141	PL.34785	B	Consumer	7.49Y	124.8	0.00	1.21	0.63	0	5	1	98	0.00	0.0	2.805	0.000	5	1	1	1
072456	PL.20078	B	Consumer	7.49Y	124.8	0.00	1.16	1.14	0	8	1	99	0.00	0.0	2.493	0.000	8	1	1	1
072464	PL.20078	B	Consumer	7.49Y	124.8	0.00	1.16	0.01	0	0	0	100	0.00	0.0	2.493	0.000	0	0	1	1
072409	PL.26066	B	Consumer	7.50Y	124.9	0.00	1.08	1.15	0	8	1	99	0.00	0.0	2.395	0.000	8	1	1	1
072418	PL.26066	B	Consumer	7.50Y	124.9	0.00	1.08	0.35	0	3	0	100	0.00	0.0	2.395	0.000	3	0	1	1
PL.15631	PL.26233	B	4ACSR	7.50Y	125.0	0.00	1.02	0.66	0	5	1	98	0.00	0.0	2.336	0.006	0	0	0	1
PD.2130	PL.15631	B	fuse6AMP	7.50Y	125.0	0.00	1.02	0.66	11	5	1	98	0.00	0.0	2.336	0.000	0	0	0	1
PL.15632	PD.2130	B	4ACSR	7.50Y	125.0	0.00	1.03	0.66	0	5	1	98	0.00	0.0	2.431	0.095	0	0	0	1
072419	PL.15632	B	Consumer	7.50Y	125.0	0.00	1.03	0.66	0	5	1	98	0.00	0.0	2.431	0.000	5	1	1	1
PL.15627	PL.15621	B	4ACSR	7.51Y	125.1	0.00	0.92	1.99	1	15	2	99	0.00	0.0	2.220	0.005	0	0	0	2
PD.2128	PL.15627	B	fuse6AMP	7.51Y	125.1	0.00	0.92	1.99	34	15	2	99	0.00	0.0	2.220	0.000	0	0	0	2
PL.15628	PD.2128	B	4ACSR	7.50Y	125.1	0.01	0.92	1.99	1	15	2	99	0.00	0.0	2.306	0.086	0	0	0	2
072438	PL.15628	B	Consumer	7.50Y	125.1	0.00	0.92	1.22	0	9	1	99	0.00	0.0	2.306	0.000	9	1	1	1
PL.4924	PL.15628	B	4ACSR	7.50Y	125.1	0.00	0.92	0.77	0	6	1	99	0.00	0.0	2.344	0.038	0	0	0	1
0724137	PL.4924	B	Consumer	7.50Y	125.1	0.00	0.92	0.77	0	6	1	99	0.00	0.0	2.344	0.000	6	1	1	1
0724169	PL.4924	B	Consumer	7.50Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	2.344	0.000	0	0	0	0
071443	PL.12252	B	Consumer	7.51Y	125.2	0.00	0.76	1.12	0	8	1	99	0.00	0.0	2.028	0.000	8	1	1	1
0714103	PL.12251	B	Consumer	7.52Y	125.3	0.00	0.73	0.47	0	3	2	83	0.00	0.0	1.968	0.000	3	2	1	1
PL.27048	PL.12251	C	4ACSR	7.53Y	125.5	0.00	0.46	5.53	3	41	7	99	0.00	0.0	1.973	0.005	0	0	0	9
C PD.2121	PL.27048	C	fuse6AMP	7.53Y	125.5	0.00	0.46	5.53	94	41	7	99	0.00	0.0	1.973	0.000	0	0	0	9 C

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.27049	PD.2121	C	4ACSR	7.53Y	125.5	0.01	0.47	5.53	3	41	7	99	0.00	0.0	2.016	0.042	0	0	0	9
PL.4892	PL.27049	C	4ACSR	7.53Y	125.5	0.01	0.48	5.53	3	41	7	99	0.00	0.0	2.045	0.029	0	0	0	9
071497	PL.4892	C	Consumer	7.53Y	125.5	0.00	0.48	0.82	0	6	1	99	0.00	0.0	2.045	0.000	6	1	1	1
071454	PL.4892	C	Consumer	7.53Y	125.5	0.00	0.48	0.31	0	2	0	100	0.00	0.0	2.045	0.000	2	0	1	1
0714133	PL.4892	C	Consumer	7.53Y	125.5	0.00	0.48	0.17	0	1	1	71	0.00	0.0	2.045	0.000	1	1	1	1
071481	PL.4892	C	Consumer	7.53Y	125.5	0.00	0.48	0.87	0	6	1	99	0.00	0.0	2.045	0.000	6	1	1	1
071489	PL.4892	C	Consumer	7.53Y	125.5	0.00	0.48	0.95	0	7	1	99	0.00	0.0	2.045	0.000	7	1	1	1
PL.4890	PL.4892	C	4ACSR	7.53Y	125.5	0.00	0.48	2.41	1	18	3	99	0.00	0.0	2.073	0.028	0	0	0	4
PL.4891	PL.4890	C	4ACSR	7.53Y	125.5	0.00	0.48	1.64	1	12	2	99	0.00	0.0	2.096	0.023	0	0	0	3
071488	PL.4891	C	Consumer	7.53Y	125.5	0.00	0.48	0.82	0	6	1	99	0.00	0.0	2.096	0.000	6	1	1	1
071451	PL.4891	C	Consumer	7.53Y	125.5	0.00	0.48	0.21	0	2	0	100	0.00	0.0	2.096	0.000	2	0	1	1
0714149	PL.4891	C	Consumer	7.53Y	125.5	0.00	0.48	0.61	0	5	1	98	0.00	0.0	2.096	0.000	0	0	0	1
071487	0714149	C	Consumer	7.53Y	125.5	0.00	0.48	0.61	0	5	1	98	0.00	0.0	2.096	0.000	5	1	1	1
071486	PL.4890	C	Consumer	7.53Y	125.5	0.00	0.48	0.77	0	6	1	99	0.00	0.0	2.073	0.000	6	1	1	1
071433	PL.19943	B	Consumer	7.52Y	125.3	0.00	0.68	0.08	0	1	0	100	0.00	0.0	1.887	0.000	1	0	1	1
071420	PL.19943	B	Consumer	7.52Y	125.3	0.00	0.68	0.21	0	2	0	100	0.00	0.0	1.887	0.000	2	0	1	1
0714141	PL.19943	B	Consumer	7.52Y	125.3	0.00	0.68	0.01	0	0	0	100	0.00	0.0	1.887	0.000	0	0	1	1
PL.21407	PL.19943	A	4ACSR	7.47Y	124.5	0.00	1.46	1.54	1	11	2	98	0.00	0.0	1.892	0.005	0	0	0	5
PD.3501	PL.21407	A	fuse6AMP	7.47Y	124.5	0.00	1.46	1.54	26	11	2	98	0.00	0.0	1.892	0.000	0	0	0	5
PL.21408	PD.3501	A	4ACSR	7.47Y	124.5	0.00	1.46	1.54	1	11	2	98	0.00	0.0	1.948	0.056	0	0	0	5
PL.4895	PL.21408	A	4ACSR	7.47Y	124.5	0.00	1.46	0.91	0	7	1	99	0.00	0.0	1.981	0.032	0	0	0	3
071419	PL.4895	A	Consumer	7.47Y	124.5	0.00	1.46	0.10	0	1	0	100	0.00	0.0	1.981	0.000	1	0	1	1
071406	PL.4895	A	Consumer	7.47Y	124.5	0.00	1.46	0.39	0	3	0	100	0.00	0.0	1.981	0.000	3	0	1	1
0714102	PL.4895	A	Consumer	7.47Y	124.5	0.00	1.46	0.43	0	3	1	95	0.00	0.0	1.981	0.000	3	1	1	1
PL.25173	PL.21408	A	4ACSR	7.47Y	124.5	0.00	1.46	0.62	0	5	1	98	0.00	0.0	1.976	0.027	0	0	0	2
PL.25174	PL.25173	A	4ACSR	7.47Y	124.5	0.00	1.46	0.20	0	1	0	100	0.00	0.0	1.988	0.013	0	0	0	1
071457	PL.25174	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.988	0.000	0	0	0	0
071432	PL.25174	A	Consumer	7.47Y	124.5	0.00	1.46	0.20	0	1	0	100	0.00	0.0	1.988	0.000	1	0	1	1
071461	PL.25173	A	Consumer	7.47Y	124.5	0.00	1.46	0.43	0	3	1	95	0.00	0.0	1.976	0.000	3	1	1	1
071475	PL.19942	B	Consumer	7.52Y	125.4	0.00	0.64	0.00	0	0	0	100	0.00	0.0	1.808	0.000	0	0	1	1
071469	PL.19942	B	Consumer	7.52Y	125.4	0.00	0.64	0.00	0	0	0	100	0.00	0.0	1.808	0.000	0	0	0	0
071408	PL.12607	C	Consumer	7.53Y	125.5	0.00	0.45	0.42	0	3	1	95	0.00	0.0	1.601	0.000	3	1	1	1
PL.15499	PL.7743	B	4ACSR	7.53Y	125.5	0.00	0.47	0.61	0	5	1	98	0.00	0.0	1.503	0.005	0	0	0	1
PD.2930	PL.15499	B	fuse6AMP	7.53Y	125.5	0.00	0.47	0.61	10	5	1	98	0.00	0.0	1.503	0.000	0	0	0	1
PL.15500	PD.2930	B	4ACSR	7.53Y	125.5	0.00	0.47	0.61	0	5	1	98	0.00	0.0	1.598	0.094	0	0	0	1
629302	PL.15500	B	Consumer	7.53Y	125.5	0.00	0.47	0.61	0	5	1	98	0.00	0.0	1.598	0.000	5	1	1	1
PL.15497	PL.7743	A	336ACSR	7.48Y	124.7	0.00	1.35	49.11	7	362	60	99	0.01	0.0	1.503	0.005	0	0	0	93
PD.2360-A	PL.15497	A	Closed	7.48Y	124.7	0.00	1.35	49.11	0	362	60	99	0.00	0.0	1.503	0.000	0	0	0	93

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru				
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss										
PD.2360-B	PD.2360-A	A	Closed	7.48Y	124.7	0.00	1.35	49.11	0	362	60	99	0.00	0.0	1.503	0.000	0	0	0	93			
PL.15498	PD.2360-B	A	336ACSR	7.48Y	124.6	0.02	1.37	49.11	7	362	60	99	0.04	0.0	1.540	0.036	0	0	0	93			
629405	PL.15498	A	Consumer	7.48Y	124.6	0.00	1.37	1.20	0	9	1	99	0.00	0.0	1.540	0.000	9	1	1	1			
629407	PL.15498	A	Consumer	7.48Y	124.6	0.00	1.37	0.02	0	0	0	100	0.00	0.0	1.540	0.000	0	0	1	1			
PL.7451	PL.15498	A	336ACSR	7.48Y	124.6	0.02	1.38	47.89	7	353	59	99	0.04	0.0	1.578	0.039	0	0	0	91			
PL.15495	PL.7451	A	336ACSR	7.48Y	124.6	0.00	1.39	46.60	6	344	57	99	0.00	0.0	1.584	0.005	0	0	0	88			
PD.3575	PL.15495	A	70V4E	7.48Y	124.6	0.00	1.39	46.60	0	344	57	99	0.00	0.0	1.584	0.000	0	0	0	88			
PL.15496	PD.3575	A	336ACSR	7.47Y	124.6	0.05	1.44	46.60	6	344	57	99	0.10	0.0	1.698	0.114	0	0	0	88			
PL.38901	PL.15496	A	4ACSR	7.47Y	124.6	0.00	1.44	0.85	0	6	1	99	0.00	0.0	1.701	0.003	0	0	0	3			
PD.6762	PL.38901	A	fuse6AMP	7.47Y	124.6	0.00	1.44	0.85	14	6	1	99	0.00	0.0	1.701	0.000	0	0	0	3			
PL.38902	PD.6762	A	4ACSR	7.47Y	124.6	0.00	1.44	0.85	0	6	1	99	0.00	0.0	1.704	0.003	0	0	0	3			
PL.15494	PL.38902	A	4ACSR	7.47Y	124.6	0.00	1.44	0.85	0	6	1	99	0.00	0.0	1.740	0.036	0	0	0	3			
629203	PL.15494	A	Consumer	7.47Y	124.6	0.00	1.44	0.19	0	1	0	100	0.00	0.0	1.740	0.000	1	0	1	1			
629201	PL.15494	A	Consumer	7.47Y	124.6	0.00	1.44	0.14	0	1	0	100	0.00	0.0	1.740	0.000	1	0	1	1			
628201	PL.15494	A	Consumer	7.47Y	124.6	0.00	1.44	0.53	0	4	1	97	0.00	0.0	1.740	0.000	4	1	1	1			
629202	PL.15496	A	Consumer	7.47Y	124.6	0.00	1.44	0.20	0	1	0	100	0.00	0.0	1.698	0.000	1	0	1	1			
629204	PL.15496	A	Consumer	7.47Y	124.6	0.00	1.44	0.24	0	2	0	100	0.00	0.0	1.698	0.000	2	0	1	1			
PL.12610	PL.15496	A	336ACSR	7.47Y	124.6	0.00	1.44	45.31	6	334	55	99	0.01	0.0	1.705	0.006	0	0	0	83			
PL.12611	PL.12610	A	336ACSR	7.47Y	124.6	0.01	1.45	43.42	6	320	53	99	0.01	0.0	1.721	0.017	0	0	0	78			
628208	PL.12611	A	Consumer	7.47Y	124.6	0.00	1.45	0.21	0	2	0	100	0.00	0.0	1.721	0.000	2	0	1	1			
PL.12612	PL.12611	A	336ACSR	7.47Y	124.5	0.03	1.48	43.21	6	319	53	99	0.06	0.0	1.800	0.078	0	0	0	77			
PL.7747	PL.12612	A	1/0ACSR	7.47Y	124.5	0.01	1.49	37.60	11	277	46	99	0.02	0.0	1.814	0.015	0	0	0	65			
629101	PL.7747	A	Consumer	7.47Y	124.5	0.00	1.49	0.88	0	6	1	99	0.00	0.0	1.814	0.000	6	1	1	1			
PL.6947	PL.7747	A	1/0ACSR	7.47Y	124.5	0.01	1.50	36.72	11	271	45	99	0.02	0.0	1.830	0.016	0	0	0	64			
RG.22	PL.6947	A	1ph-100A-7	7.56Y	126.0	-1.50	-0.00	36.72	37	271	45	99	percent Boost= 1.21 Tap= 1.9										64
PL.289	RG.22	A	1/0ACSR	7.56Y	125.9	0.05	0.05	36.29	11	271	45	99	0.10	0.0	1.900	0.070	0	0	0	64			
PL.12619	PL.289	A	1/0ACSR	7.56Y	125.9	0.01	0.07	36.29	11	271	45	99	0.02	0.0	1.915	0.015	0	0	0	64			
PL.38908	PL.12619	A	4ACSR	7.56Y	125.9	0.01	0.08	35.03	18	261	43	99	0.02	0.0	1.921	0.006	0	0	0	62			
PD.6764-A	PL.38908	A	Closed	7.56Y	125.9	0.00	0.08	35.03	0	261	43	99	0.00	0.0	1.921	0.000	0	0	0	62			
PD.6764-B	PD.6764-A	A	Closed	7.56Y	125.9	0.00	0.08	35.03	0	261	43	99	0.00	0.0	1.921	0.000	0	0	0	62			
PL.38909	PD.6764-B	A	1/0ACSR	7.55Y	125.9	0.05	0.13	35.03	11	261	43	99	0.09	0.0	1.987	0.066	0	0	0	62			
PL.4900	PL.38909	A	4ACSR	7.55Y	125.9	0.00	0.13	0.36	0	3	0	100	0.00	0.0	2.095	0.108	0	0	0	1			
071456	PL.4900	A	Consumer	7.55Y	125.9	0.00	0.13	0.36	0	3	0	100	0.00	0.0	2.095	0.000	3	0	1	1			
071401	PL.38909	A	Consumer	7.55Y	125.9	0.00	0.13	0.63	0	5	1	98	0.00	0.0	1.987	0.000	5	1	1	1			
PL.4901	PL.38909	A	4ACSR	7.55Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	2.060	0.072	0	0	0	0			
PL.38912	PL.38909	A	1/0ACSR	7.55Y	125.8	0.10	0.23	34.04	10	254	42	99	0.17	0.1	2.123	0.136	0	0	0	60			
PL.4915	PL.38912	A	4ACSR	7.54Y	125.7	0.04	0.26	34.04	18	253	42	99	0.07	0.0	2.147	0.024	0	0	0	60			
PL.31884	PL.4915	A	1/0ACSR	7.54Y	125.7	0.04	0.30	30.18	9	225	37	99	0.06	0.0	2.205	0.058	0	0	0	54			

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.4764	PL.31884	A	4ACSR	7.54Y	125.7	0.00	0.30	2.54	1	19	3	99	0.00	0.0	2.218	0.013	0	0	0	3
PD.3274	PL.4764	A	fuse8AMP	7.54Y	125.7	0.00	0.30	2.54	35	19	3	99	0.00	0.0	2.218	0.000	0	0	0	3
PL.8133	PD.3274	A	4ACSR	7.54Y	125.7	0.00	0.30	2.54	1	19	3	99	0.00	0.0	2.228	0.010	0	0	0	3
071335	PL.8133	A	Consumer	7.54Y	125.7	0.00	0.30	0.89	0	7	1	99	0.00	0.0	2.228	0.000	7	1	1	1
PL.8134	PL.8133	A	4ACSR	7.54Y	125.7	0.01	0.31	1.65	1	12	2	99	0.00	0.0	2.327	0.099	0	0	0	2
PL.24269	PL.8134	A	4ACSR	7.54Y	125.7	0.00	0.31	1.65	1	12	2	99	0.00	0.0	2.341	0.013	0	0	0	2
PL.4897	PL.24269	A	4ACSR	7.54Y	125.7	0.00	0.31	1.65	1	12	2	99	0.00	0.0	2.369	0.028	0	0	0	2
PL.4914	PL.4897	A	4ACSR	7.54Y	125.7	0.00	0.32	1.42	1	11	2	98	0.00	0.0	2.436	0.067	0	0	0	1
0714150	PL.4914	A	Consumer	7.54Y	125.7	0.00	0.32	0.00	0	0	0	100	0.00	0.0	2.436	0.000	0	0	0	0
0714129	PL.4914	A	Consumer	7.54Y	125.7	0.00	0.32	1.42	0	11	2	98	0.00	0.0	2.436	0.000	11	2	1	1
071415	PL.4897	A	Consumer	7.54Y	125.7	0.00	0.31	0.23	0	2	0	100	0.00	0.0	2.369	0.000	2	0	1	1
PL.14888	PL.31884	A	4ACSR	7.54Y	125.7	0.01	0.31	27.64	14	206	34	99	0.01	0.0	2.210	0.005	0	0	0	51
C PD.3267	PL.14888	A	fuse8AMP	7.54Y	125.7	0.00	0.31	27.64	378	206	34	99	0.00	0.0	2.210	0.000	0	0	0	51 C
PL.14889	PD.3267	A	1/0ACSR	7.54Y	125.6	0.06	0.36	27.64	8	206	34	99	0.08	0.0	2.306	0.095	0	0	0	51
PL.14890	PL.14889	A	4ACSR	7.54Y	125.6	0.01	0.37	27.25	14	203	33	99	0.01	0.0	2.312	0.006	0	0	0	50
PD.499-A	PL.14890	A	Closed	7.54Y	125.6	0.00	0.37	27.25	0	203	33	99	0.00	0.0	2.312	0.000	0	0	0	50
PD.499-B	PD.499-A	A	Closed	7.54Y	125.6	0.00	0.37	27.25	0	203	33	99	0.00	0.0	2.312	0.000	0	0	0	50
PL.14891	PD.499-B	A	1/0ACSR	7.53Y	125.5	0.08	0.45	27.25	8	203	33	99	0.11	0.1	2.451	0.139	0	0	0	50
PL.12622	PL.14891	A	1/0ACSR	7.53Y	125.5	0.03	0.48	27.25	8	203	33	99	0.04	0.0	2.501	0.050	0	0	0	50
PL.8132	PL.12622	A	1/0ACSR	7.53Y	125.5	0.05	0.53	27.04	8	201	33	99	0.07	0.0	2.586	0.086	0	0	0	49
C PD.2933	PL.8132	A	fuse6AMP	7.53Y	125.5	0.00	0.53	27.04	462	201	33	99	0.00	0.0	2.586	0.000	0	0	0	49 C
PL.15104	PD.2933	A	4ACSR	7.53Y	125.5	0.00	0.53	6.85	4	51	8	99	0.00	0.0	2.592	0.006	0	0	0	14
PD.3638	PL.15104	A	25V4E	7.53Y	125.5	0.00	0.53	6.85	27	51	8	99	0.00	0.0	2.592	0.000	0	0	0	14
PL.14887	PD.3638	A	4ACSR	7.53Y	125.5	0.01	0.54	6.85	4	51	8	99	0.00	0.0	2.630	0.038	0	0	0	14
PL.12623	PL.14887	A	4ACSR	7.53Y	125.4	0.01	0.56	6.85	4	51	8	99	0.01	0.0	2.679	0.050	0	0	0	14
PL.34675	PL.12623	A	4ACSR	7.53Y	125.4	0.00	0.56	0.13	0	1	0	100	0.00	0.0	2.691	0.012	0	0	0	1
PD.4918	PL.34675	A	fuse6AMP	7.53Y	125.4	0.00	0.56	0.13	2	1	0	100	0.00	0.0	2.691	0.000	0	0	0	1
PL.34676	PD.4918	A	4ACSR	7.53Y	125.4	0.00	0.56	0.13	0	1	0	100	0.00	0.0	2.719	0.028	0	0	0	1
071342	PL.34676	A	Consumer	7.53Y	125.4	0.00	0.56	0.13	0	1	0	100	0.00	0.0	2.719	0.000	1	0	1	1
071331	PL.12623	A	Consumer	7.53Y	125.4	0.00	0.56	0.21	0	2	0	100	0.00	0.0	2.679	0.000	2	0	1	1
071310	PL.12623	A	Consumer	7.53Y	125.4	0.00	0.56	0.20	0	1	0	100	0.00	0.0	2.679	0.000	1	0	1	1
071338	PL.12623	A	Consumer	7.53Y	125.4	0.00	0.56	0.36	0	3	0	100	0.00	0.0	2.679	0.000	3	0	1	1
PL.12624	PL.12623	A	4ACSR	7.53Y	125.4	0.01	0.57	5.95	3	44	7	99	0.00	0.0	2.737	0.058	0	0	0	10
PL.12625	PL.12624	A	4ACSR	7.52Y	125.4	0.01	0.59	5.65	3	42	7	99	0.00	0.0	2.791	0.054	0	0	0	9
PL.34677	PL.12625	A	4ACSR	7.52Y	125.4	0.00	0.59	0.66	0	5	1	98	0.00	0.0	2.804	0.013	0	0	0	1
PD.4919	PL.34677	A	fuse6AMP	7.52Y	125.4	0.00	0.59	0.66	11	5	1	98	0.00	0.0	2.804	0.000	0	0	0	1
PL.34678	PD.4919	A	4ACSR	7.52Y	125.4	0.00	0.59	0.66	0	5	1	98	0.00	0.0	2.870	0.066	0	0	0	1
PL.24271	PL.34678	A	4ACSR	7.52Y	125.4	0.00	0.59	0.66	0	5	1	98	0.00	0.0	2.953	0.083	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
071311	PL.24271	A	Consumer	7.52Y	125.4	0.00	0.59	0.66	0	5	1	98	0.00	0.0	2.953	0.000	5	1	1	1
PL.12626	PL.12625	A	4ACSR	7.52Y	125.4	0.01	0.60	4.53	2	34	5	99	0.00	0.0	2.861	0.070	0	0	0	7
071326	PL.12626	A	Consumer	7.52Y	125.4	0.00	0.60	1.09	0	8	1	99	0.00	0.0	2.861	0.000	8	1	1	1
PL.8141	PL.12626	A	4ACSR	7.52Y	125.4	0.01	0.61	3.44	2	26	4	99	0.00	0.0	2.937	0.075	0	0	0	6
PL.39019	PL.8141	A	4ACSR	7.52Y	125.4	0.00	0.61	1.13	1	8	1	99	0.00	0.0	3.006	0.070	0	0	0	2
PL.39020	PL.39019	A	4ACSR	7.52Y	125.4	0.00	0.62	1.12	1	8	1	99	0.00	0.0	3.041	0.035	0	0	0	1
071346	PL.39020	A	Consumer	7.52Y	125.4	0.00	0.62	1.12	0	8	1	99	0.00	0.0	3.041	0.000	8	1	1	1
0713050	PL.39019	A	Consumer	7.52Y	125.4	0.00	0.61	0.01	0	0	0	100	0.00	0.0	3.006	0.000	0	0	1	1
071318	PL.8141	A	Consumer	7.52Y	125.4	0.00	0.61	1.23	0	9	1	99	0.00	0.0	2.937	0.000	9	1	1	1
PL.14892	PL.8141	A	4ACSR	7.52Y	125.4	0.00	0.61	1.07	1	8	1	99	0.00	0.0	2.942	0.006	0	0	0	3
PD.3275-A	PL.14892	A	Closed	7.52Y	125.4	0.00	0.61	1.07	0	8	1	99	0.00	0.0	2.942	0.000	0	0	0	3
PD.3275-B	PD.3275-A	A	Closed	7.52Y	125.4	0.00	0.61	1.07	0	8	1	99	0.00	0.0	2.942	0.000	0	0	0	3
PL.14893	PD.3275-B	A	4ACSR	7.52Y	125.4	0.00	0.61	1.07	1	8	1	99	0.00	0.0	3.021	0.079	0	0	0	3
071322	PL.14893	A	Consumer	7.52Y	125.4	0.00	0.61	0.45	0	3	1	95	0.00	0.0	3.021	0.000	3	1	1	1
071328	PL.14893	A	Consumer	7.52Y	125.4	0.00	0.61	0.00	0	0	0	100	0.00	0.0	3.021	0.000	0	0	0	0
071321	PL.14893	A	Consumer	7.52Y	125.4	0.00	0.61	0.00	0	0	0	100	0.00	0.0	3.021	0.000	0	0	1	1
071319	PL.14893	A	Consumer	7.52Y	125.4	0.00	0.61	0.62	0	5	1	98	0.00	0.0	3.021	0.000	5	1	1	1
071309	PL.12625	A	Consumer	7.52Y	125.4	0.00	0.59	0.45	0	3	1	95	0.00	0.0	2.791	0.000	3	1	1	1
071317	PL.12624	A	Consumer	7.53Y	125.4	0.00	0.57	0.30	0	2	0	100	0.00	0.0	2.737	0.000	2	0	1	1
PL.34658	PD.2933	A	4ACSR	7.53Y	125.5	0.00	0.53	0.99	1	7	1	99	0.00	0.0	2.591	0.005	0	0	0	1
PL.34660	PL.34658	A	4ACSR	7.53Y	125.5	0.00	0.53	0.99	1	7	1	99	0.00	0.0	2.612	0.021	0	0	0	1
PD.4911	PL.34660	A	fuse6AMP	7.53Y	125.5	0.00	0.53	0.99	17	7	1	99	0.00	0.0	2.612	0.000	0	0	0	1
PL.34661	PD.4911	A	4ACSR	7.53Y	125.5	0.00	0.53	0.99	1	7	1	99	0.00	0.0	2.624	0.012	0	0	0	1
071304	PL.34661	A	Consumer	7.53Y	125.5	0.00	0.53	0.99	0	7	1	99	0.00	0.0	2.624	0.000	7	1	1	1
PL.15103	PD.2933	A	1/0ACSR	7.53Y	125.5	0.01	0.54	18.43	6	137	23	99	0.01	0.0	2.609	0.022	0	0	0	33
PL.15489	PL.15103	A	1/0ACSR	7.53Y	125.4	0.01	0.55	18.43	6	137	23	99	0.01	0.0	2.640	0.032	0	0	0	33
PD.4912-A	PL.15489	A	Closed	7.53Y	125.4	0.00	0.55	18.43	0	137	23	99	0.00	0.0	2.640	0.000	0	0	0	33
PD.4912-B	PD.4912-A	A	Closed	7.53Y	125.4	0.00	0.55	18.43	0	137	23	99	0.00	0.0	2.640	0.000	0	0	0	33
PL.25285	PD.4912-B	A	1/0ACSR	7.52Y	125.4	0.04	0.59	18.43	6	137	23	99	0.03	0.0	2.729	0.089	0	0	0	33
PL.12627	PL.25285	A	1/0ACSR	7.52Y	125.4	0.01	0.60	18.43	6	137	22	99	0.01	0.0	2.766	0.036	0	0	0	33
PL.12628	PL.12627	A	1/0ACSR	7.52Y	125.4	0.01	0.61	17.38	5	129	21	99	0.01	0.0	2.795	0.029	0	0	0	32
PL.12629	PL.12628	A	1/0ACSR	7.52Y	125.4	0.01	0.63	16.97	5	126	21	99	0.01	0.0	2.831	0.036	0	0	0	31
071323	PL.12629	A	Consumer	7.52Y	125.4	0.00	0.63	0.54	0	4	1	97	0.00	0.0	2.831	0.000	4	1	1	1
PL.12630	PL.12629	A	1/0ACSR	7.52Y	125.3	0.04	0.66	16.43	5	122	20	99	0.03	0.0	2.929	0.099	0	0	0	30
PL.11743	PL.12630	A	1/0ACSR	7.52Y	125.3	0.03	0.69	15.90	5	118	19	99	0.03	0.0	3.025	0.096	0	0	0	29
PL.11744	PL.11743	A	1/0ACSR	7.51Y	125.2	0.15	0.84	15.90	5	118	19	99	0.12	0.1	3.459	0.433	0	0	0	29
PL.11745	PL.11744	A	1/0ACSR	7.51Y	125.1	0.03	0.87	15.68	5	116	19	99	0.02	0.0	3.536	0.077	0	0	0	27
PL.38910	PL.11745	A	1/0ACSR	7.51Y	125.1	0.00	0.87	2.03	1	15	2	99	0.00	0.0	3.579	0.043	0	0	0	5

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PD.6765-A	PL.38910	A	Closed	7.51Y	125.1	0.00	0.87	2.03	0	15	2	99	0.00	0.0	3.579	0.000	0	0	0	5
PD.6765-B	PD.6765-A	A	Closed	7.51Y	125.1	0.00	0.87	2.03	0	15	2	99	0.00	0.0	3.579	0.000	0	0	0	5
PL.38911	PD.6765-B	A	1/0ACSR	7.51Y	125.1	0.01	0.88	2.03	1	15	2	99	0.00	0.0	3.884	0.305	0	0	0	5
PL.11748	PL.38911	A	1/0ACSR	7.51Y	125.1	0.00	0.89	0.75	0	6	1	99	0.00	0.0	4.156	0.271	0	0	0	3
PL.15954	PL.11748	A	4ACSR	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.162	0.006	0	0	0	0
PD.3273	PL.15954	A	fuse6AMP	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.162	0.000	0	0	0	0
PL.15955	PD.3273	A	4ACSR	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.213	0.052	0	0	0	0
071207	PL.15955	A	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.213	0.000	0	0	0	0
PL.11749	PL.11748	A	1/0ACSR	7.51Y	125.1	0.00	0.89	0.75	0	6	1	99	0.00	0.0	4.240	0.084	0	0	0	3
PL.11750	PL.11749	A	1/0ACSR	7.51Y	125.1	0.00	0.89	0.75	0	6	1	99	0.00	0.0	4.381	0.141	0	0	0	3
PL.27090	PL.11750	A	4ACSR	7.51Y	125.1	0.00	0.89	0.45	0	3	1	95	0.00	0.0	4.386	0.005	0	0	0	2
PD.3271	PL.27090	A	fuse6AMP	7.51Y	125.1	0.00	0.89	0.45	8	3	1	95	0.00	0.0	4.386	0.000	0	0	0	2
PL.27091	PD.3271	A	4ACSR	7.51Y	125.1	0.00	0.89	0.45	0	3	1	95	0.00	0.0	4.409	0.023	0	0	0	2
071212	PL.27091	A	Consumer	7.51Y	125.1	0.00	0.89	0.44	0	3	1	95	0.00	0.0	4.409	0.000	3	1	1	1
PL.11751	PL.27091	A	4ACSR	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.506	0.097	0	0	0	1
PL.8131	PL.11751	A	4ACSR	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.506	0.000	0	0	0	1
071216	PL.8131	A	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.506	0.000	0	0	1	1
PL.27088	PL.11750	A	1/0ACSR	7.51Y	125.1	0.00	0.89	0.31	0	2	0	100	0.00	0.0	4.449	0.069	0	0	0	1
PD.504-A	PL.27088	A	Closed	7.51Y	125.1	0.00	0.89	0.31	0	2	0	100	0.00	0.0	4.449	0.000	0	0	0	1
PD.504-B	PD.504-A	A	Closed	7.51Y	125.1	0.00	0.89	0.31	0	2	0	100	0.00	0.0	4.449	0.000	0	0	0	1
PL.27089	PD.504-B	A	1/0ACSR	7.51Y	125.1	0.00	0.89	0.31	0	2	0	100	0.00	0.0	4.455	0.005	0	0	0	1
PL.30812	PL.27089	A	4ACSR	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.472	0.017	0	0	0	0
PD.502-A	PL.30812	A	Open	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.472	0.000	0	0	0	0
PL.27086	PL.27089	A	1/0ACSR	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.460	0.005	0	0	0	0
PD.505-A	PL.27086	A	Open	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.460	0.000	0	0	0	0
071204	PL.27089	A	Consumer	7.51Y	125.1	0.00	0.89	0.31	0	2	0	100	0.00	0.0	4.455	0.000	2	0	1	1
PL.27092	PL.11749	A	4ACSR	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.246	0.006	0	0	0	0
PD.2417	PL.27092	A	fuse6AMP	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.246	0.000	0	0	0	0
PL.27093	PD.2417	A	4ACSR	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.286	0.040	0	0	0	0
071232	PL.27093	A	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	4.286	0.000	0	0	0	0
PL.15956	PL.38911	A	4ACSR	7.51Y	125.1	0.00	0.88	1.27	1	9	2	98	0.00	0.0	3.890	0.006	0	0	0	2
PD.3272	PL.15956	A	fuse6AMP	7.51Y	125.1	0.00	0.88	1.27	22	9	2	98	0.00	0.0	3.890	0.000	0	0	0	2
PL.15483	PD.3272	A	4ACSR	7.51Y	125.1	0.00	0.89	1.27	1	9	2	98	0.00	0.0	3.962	0.072	0	0	0	2
071205	PL.15483	A	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	3.962	0.000	0	0	1	1
PL.11747	PL.15483	A	4ACSR	7.51Y	125.1	0.00	0.89	1.27	1	9	2	98	0.00	0.0	3.969	0.008	0	0	0	1
PL.4765	PL.11747	A	4ACSR	7.51Y	125.1	0.00	0.89	1.27	1	9	2	98	0.00	0.0	4.027	0.058	0	0	0	1
071229	PL.4765	A	Consumer	7.51Y	125.1	0.00	0.89	1.27	0	9	2	98	0.00	0.0	4.027	0.000	9	2	1	1
PL.15484	PL.11745	A	4ACSR	7.51Y	125.1	0.00	0.87	13.66	7	101	17	99	0.00	0.0	3.541	0.006	0	0	0	22

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.3420	PL.15484	A	25V4E	7.51Y	125.1	0.00	0.87	13.66	55	101	17	99	0.00	0.0	3.541	0.000	0	0	0	22
PL.15485	PD.3420	A	4ACSR	7.50Y	125.0	0.08	0.95	13.66	7	101	17	99	0.06	0.1	3.673	0.131	0	0	0	22
071302	PL.15485	A	Consumer	7.50Y	125.0	0.00	0.95	0.23	0	2	0	100	0.00	0.0	3.673	0.000	2	0	1	1
PL.8154	PL.15485	A	4ACSR	7.50Y	125.0	0.08	1.03	13.43	7	99	16	99	0.06	0.1	3.803	0.130	0	0	0	21
PL.8155	PL.8154	A	4ACSR	7.50Y	124.9	0.04	1.07	13.43	7	99	16	99	0.03	0.0	3.878	0.075	0	0	0	20
071228	PL.8155	A	Consumer	7.50Y	124.9	0.00	1.07	0.04	0	0	0	100	0.00	0.0	3.878	0.000	0	0	1	1
PL.8156	PL.8155	A	4ACSR	7.49Y	124.9	0.06	1.13	13.39	7	99	16	99	0.05	0.0	3.986	0.107	0	0	0	19
PL.8157	PL.8156	A	4ACSR	7.48Y	124.7	0.13	1.26	13.39	7	99	16	99	0.10	0.1	4.210	0.224	0	0	0	19
PL.11292	PL.8157	A	4ACSR	7.48Y	124.7	0.02	1.28	12.95	7	96	16	99	0.02	0.0	4.247	0.037	0	0	0	18
PL.11293	PL.11292	A	4ACSR	7.48Y	124.6	0.11	1.40	12.16	6	90	15	99	0.08	0.1	4.464	0.217	0	0	0	17
PL.34772	PL.11293	A	4ACSR	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	4.475	0.011	0	0	0	1
PD.4957	PL.34772	A	fuse6AMP	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	4.475	0.000	0	0	0	1
PL.34773	PD.4957	A	4ACSR	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	4.547	0.072	0	0	0	1
0722017	PL.34773	A	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	4.547	0.000	0	0	1	1
PL.11294	PL.11293	A	4ACSR	7.47Y	124.5	0.12	1.52	12.16	6	90	15	99	0.08	0.1	4.696	0.231	0	0	0	16
PL.34774	PL.11294	A	4ACSR	7.47Y	124.5	0.00	1.52	0.57	0	4	1	97	0.00	0.0	4.707	0.011	0	0	0	1
PD.4958	PL.34774	A	fuse6AMP	7.47Y	124.5	0.00	1.52	0.57	10	4	1	97	0.00	0.0	4.707	0.000	0	0	0	1
PL.34775	PD.4958	A	4ACSR	7.47Y	124.5	0.00	1.52	0.57	0	4	1	97	0.00	0.0	4.838	0.131	0	0	0	1
072214	PL.34775	A	Consumer	7.47Y	124.5	0.00	1.52	0.57	0	4	1	97	0.00	0.0	4.838	0.000	4	1	1	1
072206	PL.11294	A	Consumer	7.47Y	124.5	0.00	1.52	0.16	0	1	0	100	0.00	0.0	4.696	0.000	1	0	1	1
072207	PL.11294	A	Consumer	7.47Y	124.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	4.696	0.000	0	0	0	0
PL.8153	PL.11294	A	4ACSR	7.46Y	124.4	0.08	1.60	11.43	6	84	14	99	0.05	0.1	4.858	0.162	0	0	0	14
PL.12118	PL.8153	A	4ACSR	7.46Y	124.4	0.05	1.64	9.56	5	70	11	99	0.02	0.0	4.970	0.112	0	0	0	13
0722016	PL.12118	A	Consumer	7.46Y	124.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	4.970	0.000	0	0	1	1
PL.12119	PL.12118	A	4ACSR	7.46Y	124.3	0.06	1.70	8.46	4	62	10	99	0.03	0.0	5.121	0.151	0	0	0	11
PL.34776	PL.12119	A	4ACSR	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	5.129	0.008	0	0	0	0
PD.4959	PL.34776	A	fuse6AMP	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	5.129	0.000	0	0	0	0
PL.34777	PD.4959	A	4ACSR	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	5.184	0.055	0	0	0	0
072201	PL.34777	A	Consumer	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	5.184	0.000	0	0	0	0
PL.4769	PL.12119	A	4ACSR	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	5.198	0.077	0	0	0	0
0722018	PL.4769	A	Consumer	7.46Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	5.198	0.000	0	0	0	0
PL.12120	PL.12119	A	4ACSR	7.46Y	124.3	0.03	1.73	8.46	4	62	10	99	0.01	0.0	5.197	0.076	0	0	0	11
PL.43	PL.12120	A	4ACSR	7.46Y	124.3	0.02	1.74	8.46	4	62	10	99	0.01	0.0	5.239	0.042	0	0	0	11
PL.34782	PL.43	A	4ACSR	7.46Y	124.3	0.00	1.74	0.32	0	2	0	100	0.00	0.0	5.246	0.007	0	0	0	2
PL.34783	PL.34782	A	4ACSR	7.46Y	124.3	0.00	1.74	0.32	0	2	0	100	0.00	0.0	5.275	0.028	0	0	0	2
PL.44646	PL.34783	A	4ACSR	7.46Y	124.3	0.00	1.74	0.32	0	2	0	100	0.00	0.0	5.284	0.010	0	0	0	2
PL.44650	PL.44646	A	4ACSR	7.46Y	124.3	0.00	1.74	0.32	0	2	0	100	0.00	0.0	5.299	0.015	0	0	0	2
PD.620	PL.44650	A	fuse8AMP	7.46Y	124.3	0.00	1.74	0.32	4	2	0	100	0.00	0.0	5.299	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.44651	PD.620	A	4ACSR	7.46Y	124.3	0.00	1.74	0.32	0	2	0	100	0.00	0.0	5.441	0.142	0	0	0	2
PL.518	PL.44651	A	4ACSR	7.46Y	124.3	0.00	1.75	0.32	0	2	0	100	0.00	0.0	5.510	0.069	0	0	0	2
122905	PL.518	A	Consumer	7.46Y	124.3	0.00	1.75	0.23	0	2	0	100	0.00	0.0	5.510	0.000	2	0	1	1
122916	PL.518	A	Consumer	7.46Y	124.3	0.00	1.75	0.09	0	1	0	100	0.00	0.0	5.510	0.000	1	0	1	1
PL.12121	PL.44651	A	4ACSR	7.46Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	5.560	0.119	0	0	0	0
PL.516	PL.12121	A	4ACSR	7.46Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	5.686	0.126	0	0	0	0
122911	PL.516	A	Consumer	7.46Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	5.686	0.000	0	0	0	0
PL.34780	PL.43	A	4ACSR	7.46Y	124.3	0.00	1.74	1.61	1	12	2	99	0.00	0.0	5.255	0.016	0	0	0	1
PD.4960	PL.34780	A	fuse6AMP	7.46Y	124.3	0.00	1.74	1.61	28	12	2	99	0.00	0.0	5.255	0.000	0	0	0	1
PL.34781	PD.4960	A	4ACSR	7.46Y	124.3	0.00	1.74	1.61	1	12	2	99	0.00	0.0	5.263	0.008	0	0	0	1
PL.27411	PL.34781	A	4ACSR	7.46Y	124.3	0.01	1.75	1.61	1	12	2	99	0.00	0.0	5.352	0.088	0	0	0	1
122925	PL.27411	A	Consumer	7.46Y	124.3	0.00	1.75	1.61	0	12	2	99	0.00	0.0	5.352	0.000	12	2	1	1
PL.34778	PL.43	A	4ACSR	7.46Y	124.3	0.00	1.74	6.53	3	48	8	99	0.00	0.0	5.246	0.007	0	0	0	8
PL.44648	PL.34778	A	4ACSR	7.45Y	124.2	0.03	1.77	6.53	3	48	8	99	0.01	0.0	5.351	0.105	0	0	0	8
PD.83-A	PL.44648	A	Closed	7.45Y	124.2	0.00	1.77	6.53	0	48	8	99	0.00	0.0	5.351	0.000	0	0	0	8
PD.83-B	PD.83-A	A	Closed	7.45Y	124.2	0.00	1.77	6.53	0	48	8	99	0.00	0.0	5.351	0.000	0	0	0	8
PL.44649	PD.83-B	A	4ACSR	7.45Y	124.2	0.06	1.84	6.53	3	48	8	99	0.02	0.0	5.573	0.222	0	0	0	8
PL.12123	PL.44649	A	4ACSR	7.45Y	124.2	0.01	1.85	4.73	2	35	6	99	0.00	0.0	5.635	0.062	0	0	0	5
122926	PL.12123	A	Consumer	7.45Y	124.2	0.00	1.85	0.81	0	6	1	99	0.00	0.0	5.635	0.000	6	1	1	1
122924	PL.12123	A	Consumer	7.45Y	124.2	0.00	1.85	0.86	0	6	1	99	0.00	0.0	5.635	0.000	6	1	1	1
122930	PL.12123	A	Consumer	7.45Y	124.2	0.00	1.85	0.60	0	4	1	97	0.00	0.0	5.635	0.000	4	1	1	1
PL.12124	PL.12123	A	4ACSR	7.45Y	124.1	0.00	1.85	2.46	1	18	3	99	0.00	0.0	5.681	0.046	0	0	0	2
PL.31898	PL.12124	A	4ACSR	7.45Y	124.1	0.00	1.85	1.62	1	12	2	99	0.00	0.0	5.702	0.021	0	0	0	1
PL.31899	PL.31898	A	4ACSR	7.45Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0	5.722	0.020	0	0	0	0
PL.5120	PL.31899	A	4ACSR	7.45Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0	5.853	0.131	0	0	0	0
PD.89-A	PL.5120	A	Open	7.45Y	124.1	0.00	1.85	0.00	0	0	0	100	0.00	0.0	5.853	0.000	0	0	0	0
PL.31897	PL.31898	A	4ACSR	7.45Y	124.1	0.00	1.86	1.62	1	12	2	99	0.00	0.0	5.767	0.065	0	0	0	1
1229034	PL.31897	A	Consumer	7.45Y	124.1	0.00	1.86	1.62	0	12	2	99	0.00	0.0	5.767	0.000	12	2	1	1
122928	PL.12124	A	Consumer	7.45Y	124.1	0.00	1.85	0.84	0	6	1	99	0.00	0.0	5.681	0.000	6	1	1	1
PL.27406	PL.44649	A	4ACSR	7.45Y	124.2	0.00	1.84	1.16	1	9	1	99	0.00	0.0	5.591	0.018	0	0	0	2
PD.619	PL.27406	A	fuse6AMP	7.45Y	124.2	0.00	1.84	1.16	20	9	1	99	0.00	0.0	5.591	0.000	0	0	0	2
PL.27407	PD.619	A	4ACSR	7.45Y	124.2	0.00	1.84	1.16	1	9	1	99	0.00	0.0	5.631	0.040	0	0	0	2
122927	PL.27407	A	Consumer	7.45Y	124.2	0.00	1.84	0.09	0	1	0	100	0.00	0.0	5.631	0.000	1	0	1	1
122922	PL.27407	A	Consumer	7.45Y	124.2	0.00	1.84	1.06	0	8	1	99	0.00	0.0	5.631	0.000	8	1	1	1
122931	PL.44649	A	Consumer	7.45Y	124.2	0.00	1.84	0.64	0	5	1	98	0.00	0.0	5.573	0.000	5	1	1	1
PL.17432	PL.12118	A	4ACSR	7.46Y	124.4	0.00	1.64	1.10	1	8	1	99	0.00	0.0	4.976	0.006	0	0	0	1
PD.3269	PL.17432	A	fuse6AMP	7.46Y	124.4	0.00	1.64	1.10	19	8	1	99	0.00	0.0	4.976	0.000	0	0	0	1
PL.17433	PD.3269	A	4ACSR	7.46Y	124.3	0.01	1.65	1.10	1	8	1	99	0.00	0.0	5.132	0.156	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts						mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss							% Loss	
072210	PL.17433	A	Consumer	7.46Y	124.3	0.00	1.65	1.10	0	8	1	99	0.00	0.0	5.132	0.000	8	1	1	1
072215	PL.8153	A	Consumer	7.46Y	124.4	0.00	1.60	1.87	0	14	2	99	0.00	0.0	4.858	0.000	14	2	1	1
PL.34770	PL.11292	A	4ACSR	7.48Y	124.7	0.00	1.28	0.79	0	6	1	99	0.00	0.0	4.257	0.009	0	0	0	1
PD.4956	PL.34770	A	fuse6AMP	7.48Y	124.7	0.00	1.28	0.79	13	6	1	99	0.00	0.0	4.257	0.000	0	0	0	1
PL.34771	PD.4956	A	4ACSR	7.48Y	124.7	0.01	1.29	0.79	0	6	1	99	0.00	0.0	4.618	0.361	0	0	0	1
072205	PL.34771	A	Consumer	7.48Y	124.7	0.00	1.29	0.79	0	6	1	99	0.00	0.0	4.618	0.000	6	1	1	1
072204	PL.8157	A	Consumer	7.48Y	124.7	0.00	1.26	0.43	0	3	1	95	0.00	0.0	4.210	0.000	3	1	1	1
071341	PL.8154	A	Consumer	7.50Y	125.0	0.00	1.03	0.00	0	0	0	100	0.00	0.0	3.803	0.000	0	0	1	1
071345	PL.11744	A	Consumer	7.51Y	125.2	0.00	0.84	0.03	0	0	0	100	0.00	0.0	3.459	0.000	0	0	1	1
071301	PL.11744	A	Consumer	7.51Y	125.2	0.00	0.84	0.20	0	1	0	100	0.00	0.0	3.459	0.000	1	0	1	1
PL.15486	PL.11743	A	4ACSR	7.52Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	3.031	0.006	0	0	0	0
PL.24266	PL.12630	A	4ACSR	7.52Y	125.3	0.00	0.66	0.52	0	4	1	97	0.00	0.0	2.998	0.068	0	0	0	1
071308	PL.24266	A	Consumer	7.52Y	125.3	0.00	0.66	0.52	0	4	1	97	0.00	0.0	2.998	0.000	4	1	1	1
071314	PL.12628	A	Consumer	7.52Y	125.4	0.00	0.61	0.41	0	3	0	100	0.00	0.0	2.795	0.000	3	0	1	1
PL.15488	PL.12627	A	4ACSR	7.52Y	125.4	0.00	0.60	1.05	1	8	1	99	0.00	0.0	2.771	0.006	0	0	0	1
PD.3268	PL.15488	A	fuse6AMP	7.52Y	125.4	0.00	0.60	1.05	18	8	1	99	0.00	0.0	2.771	0.000	0	0	0	1
PL.20169	PD.3268	A	4ACSR	7.52Y	125.4	0.00	0.61	1.05	1	8	1	99	0.00	0.0	2.829	0.058	0	0	0	1
PL.20170	PL.20169	A	4ACSR	7.52Y	125.4	0.00	0.61	1.05	1	8	1	99	0.00	0.0	2.832	0.003	0	0	0	1
071333	PL.20170	A	Consumer	7.52Y	125.4	0.00	0.61	1.05	0	8	1	99	0.00	0.0	2.832	0.000	8	1	1	1
PL.34662	PD.2933	A	4ACSR	7.53Y	125.5	0.00	0.53	0.77	0	6	1	99	0.00	0.0	2.593	0.007	0	0	0	1
PD.4913	PL.34662	A	fuse6AMP	7.53Y	125.5	0.00	0.53	0.77	13	6	1	99	0.00	0.0	2.593	0.000	0	0	0	1
PL.34663	PD.4913	A	4ACSR	7.53Y	125.5	0.00	0.53	0.77	0	6	1	99	0.00	0.0	2.639	0.046	0	0	0	1
071327	PL.34663	A	Consumer	7.53Y	125.5	0.00	0.53	0.77	0	6	1	99	0.00	0.0	2.639	0.000	6	1	1	1
071315	PL.34663	A	Consumer	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	2.639	0.000	0	0	0	0
071312	PL.12622	A	Consumer	7.53Y	125.5	0.00	0.48	0.21	0	2	0	100	0.00	0.0	2.501	0.000	2	0	1	1
071325	PL.12622	A	Consumer	7.53Y	125.5	0.00	0.48	0.00	0	0	0	100	0.00	0.0	2.501	0.000	0	0	0	0
071313	PL.14889	A	Consumer	7.54Y	125.6	0.00	0.36	0.40	0	3	0	100	0.00	0.0	2.306	0.000	3	0	1	1
PL.38913	PL.4915	A	4ACSR	7.54Y	125.7	0.00	0.26	1.99	1	15	2	99	0.00	0.0	2.158	0.011	0	0	0	4
PD.6766	PL.38913	A	fuse6AMP	7.54Y	125.7	0.00	0.26	1.99	34	15	2	99	0.00	0.0	2.158	0.000	0	0	0	4
PL.38914	PD.6766	A	4ACSR	7.54Y	125.7	0.00	0.26	1.99	1	15	2	99	0.00	0.0	2.168	0.009	0	0	0	4
PL.7587	PL.38914	A	4ACSR	7.54Y	125.7	0.00	0.26	1.99	1	15	2	99	0.00	0.0	2.187	0.020	0	0	0	4
0714111	PL.7587	A	Consumer	7.54Y	125.7	0.00	0.26	0.40	0	3	0	100	0.00	0.0	2.187	0.000	3	0	1	1
PL.7588	PL.7587	A	4ACSR	7.54Y	125.7	0.00	0.27	1.59	1	12	2	99	0.00	0.0	2.232	0.045	0	0	0	3
PL.4899	PL.7588	A	4ACSR	7.54Y	125.7	0.00	0.27	1.59	1	12	2	99	0.00	0.0	2.273	0.041	0	0	0	3
071439	PL.4899	A	Consumer	7.54Y	125.7	0.00	0.27	0.46	0	3	1	95	0.00	0.0	2.273	0.000	3	1	1	1
071485	PL.4899	A	Consumer	7.54Y	125.7	0.00	0.27	0.72	0	5	1	98	0.00	0.0	2.273	0.000	5	1	1	1
PL.4898	PL.4899	A	4ACSR	7.54Y	125.7	0.00	0.27	0.41	0	3	0	100	0.00	0.0	2.364	0.091	0	0	0	1
071490	PL.4898	A	Consumer	7.54Y	125.7	0.00	0.27	0.41	0	3	0	100	0.00	0.0	2.364	0.000	3	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.31886	PL.4915	A	4ACSR	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	2.156	0.009	0	0	0	0
071334	PL.4915	A	Consumer	7.54Y	125.7	0.00	0.26	0.86	0	6	1	99	0.00	0.0	2.147	0.000	6	1	1	1
071305	PL.4915	A	Consumer	7.54Y	125.7	0.00	0.26	1.01	0	8	1	99	0.00	0.0	2.147	0.000	8	1	1	1
PL.4911	PL.12619	A	4ACSR	7.56Y	125.9	0.00	0.07	0.44	0	3	1	95	0.00	0.0	1.977	0.062	0	0	0	1
071474	PL.4911	A	Consumer	7.56Y	125.9	0.00	0.07	0.44	0	3	1	95	0.00	0.0	1.977	0.000	3	1	1	1
PL.15491	PL.12619	A	4ACSR	7.56Y	125.9	0.00	0.07	0.82	0	6	1	99	0.00	0.0	1.920	0.005	0	0	0	1
PD.2127	PL.15491	A	fuse6AMP	7.56Y	125.9	0.00	0.07	0.82	14	6	1	99	0.00	0.0	1.920	0.000	0	0	0	1
PL.15492	PD.2127	A	4ACSR	7.56Y	125.9	0.00	0.07	0.82	0	6	1	99	0.00	0.0	1.939	0.018	0	0	0	1
PL.24227	PL.15492	A	4ACSR	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	1.943	0.004	0	0	0	0
628101	PL.15492	A	Consumer	7.56Y	125.9	0.00	0.07	0.82	0	6	1	99	0.00	0.0	1.939	0.000	6	1	1	1
628106	PL.12612	A	Consumer	7.47Y	124.5	0.00	1.48	0.25	0	2	0	100	0.00	0.0	1.800	0.000	2	0	1	1
628104	PL.12612	A	Consumer	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	1.800	0.000	0	0	0	0
PL.38906	PL.12612	A	4ACSR	7.47Y	124.5	0.00	1.48	5.36	3	40	6	99	0.00	0.0	1.801	0.001	0	0	0	11
C PD.6763	PL.38906	A	fuse6AMP	7.47Y	124.5	0.00	1.48	5.36	92	40	6	99	0.00	0.0	1.801	0.000	0	0	0	11 C
PL.38907	PD.6763	A	4ACSR	7.47Y	124.5	0.00	1.48	5.36	3	40	6	99	0.00	0.0	1.802	0.002	0	0	0	11
PL.38905	PL.38907	A	4ACSR	7.47Y	124.5	0.01	1.49	4.42	2	33	5	99	0.00	0.0	1.878	0.075	0	0	0	8
PL.12613	PL.38905	A	4ACSR	7.47Y	124.5	0.00	1.49	4.42	2	33	5	99	0.00	0.0	1.883	0.005	0	0	0	8
628102	PL.12613	A	Consumer	7.47Y	124.5	0.00	1.49	0.09	0	1	0	100	0.00	0.0	1.883	0.000	1	0	1	1
627104	PL.12613	A	Consumer	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	1.883	0.000	0	0	0	0
628105	PL.12613	A	Consumer	7.47Y	124.5	0.00	1.49	0.32	0	2	0	100	0.00	0.0	1.883	0.000	2	0	1	1
PL.12614	PL.12613	A	4ACSR	7.47Y	124.5	0.01	1.50	4.01	2	30	5	99	0.00	0.0	1.927	0.044	0	0	0	6
627103	PL.12614	A	Consumer	7.47Y	124.5	0.00	1.50	0.20	0	1	0	100	0.00	0.0	1.927	0.000	1	0	1	1
627102	PL.12614	A	Consumer	7.47Y	124.5	0.00	1.50	0.24	0	2	0	100	0.00	0.0	1.927	0.000	2	0	1	1
PL.7452	PL.12614	A	4ACSR	7.47Y	124.5	0.01	1.51	3.56	2	26	4	99	0.00	0.0	1.973	0.046	0	0	0	4
PL.12615	PL.7452	A	4ACSR	7.47Y	124.5	0.01	1.52	3.56	2	26	4	99	0.00	0.0	2.024	0.051	0	0	0	4
PL.3857	PL.12615	A	4ACSR	7.47Y	124.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	2.077	0.052	0	0	0	0
PL.4923	PL.3857	A	4ACSR	7.47Y	124.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	2.098	0.022	0	0	0	0
PL.12616	PL.12615	A	4ACSR	7.47Y	124.5	0.01	1.52	3.56	2	26	4	99	0.00	0.0	2.072	0.047	0	0	0	4
PL.12617	PL.12616	A	4ACSR	7.47Y	124.5	0.00	1.53	3.56	2	26	4	99	0.00	0.0	2.080	0.008	0	0	0	4
PL.12618	PL.12617	A	4ACSR	7.47Y	124.5	0.01	1.53	2.61	1	19	3	99	0.00	0.0	2.140	0.061	0	0	0	3
PL.24303	PL.12618	A	4ACSR	7.47Y	124.5	0.00	1.53	2.61	1	19	3	99	0.00	0.0	2.167	0.027	0	0	0	3
PL.24332	PL.24303	A	4ACSR	7.47Y	124.5	0.01	1.54	2.61	1	19	3	99	0.00	0.0	2.237	0.069	0	0	0	3
PL.3855	PL.24332	A	4ACSR	7.47Y	124.5	0.00	1.54	1.90	1	14	2	99	0.00	0.0	2.240	0.003	0	0	0	2
PL.4916	PL.3855	A	4ACSR	7.47Y	124.5	0.00	1.54	1.90	1	14	2	99	0.00	0.0	2.252	0.013	0	0	0	2
PL.4335	PL.4916	A	4ACSR	7.47Y	124.5	0.00	1.55	0.79	0	6	1	99	0.00	0.0	2.313	0.061	0	0	0	1
070402	PL.4335	A	Consumer	7.47Y	124.5	0.00	1.55	0.79	0	6	1	99	0.00	0.0	2.313	0.000	6	1	1	1
070401	PL.4916	A	Consumer	7.47Y	124.5	0.00	1.54	1.12	0	8	1	99	0.00	0.0	2.252	0.000	8	1	1	1
624101	PL.24332	A	Consumer	7.47Y	124.5	0.00	1.54	0.70	0	5	1	98	0.00	0.0	2.237	0.000	5	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
625102	PL.12617	A	Consumer	7.47Y	124.5	0.00	1.53	0.96	0	7	1	99	0.00	0.0	2.080	0.000	7	1	1	1
PL.38903	PL.38907	A	4ACSR	7.47Y	124.5	0.00	1.48	0.94	0	7	1	99	0.00	0.0	1.852	0.049	0	0	0	3
6282010	PL.38903	A	Consumer	7.47Y	124.5	0.00	1.48	0.02	0	0	0	100	0.00	0.0	1.852	0.000	0	0	1	1
628204	PL.38903	A	Consumer	7.47Y	124.5	0.00	1.48	0.51	0	4	1	97	0.00	0.0	1.852	0.000	4	1	1	1
628203	PL.38903	A	Consumer	7.47Y	124.5	0.00	1.48	0.41	0	3	0	100	0.00	0.0	1.852	0.000	3	0	1	1
6282011	PL.12610	A	Consumer	7.47Y	124.6	0.00	1.44	0.01	0	0	0	100	0.00	0.0	1.705	0.000	0	0	1	1
PL.38899	PL.12610	A	4ACSR	7.47Y	124.6	0.00	1.44	1.89	1	14	2	99	0.00	0.0	1.705	0.001	0	0	0	4
PD.2918	PL.38899	A	fuse6AMP	7.47Y	124.6	0.00	1.44	1.89	32	14	2	99	0.00	0.0	1.705	0.000	0	0	0	4
PL.38900	PD.2918	A	4ACSR	7.47Y	124.6	0.00	1.44	1.89	1	14	2	99	0.00	0.0	1.732	0.027	0	0	0	4
628209	PL.38900	A	Consumer	7.47Y	124.6	0.00	1.44	0.41	0	3	0	100	0.00	0.0	1.732	0.000	3	0	1	1
628207	PL.38900	A	Consumer	7.47Y	124.6	0.00	1.44	0.45	0	3	1	95	0.00	0.0	1.732	0.000	3	1	1	1
628202	PL.38900	A	Consumer	7.47Y	124.6	0.00	1.44	0.30	0	2	0	100	0.00	0.0	1.732	0.000	2	0	1	1
PL.24302	PL.38900	A	4ACSR	7.47Y	124.6	0.00	1.44	0.73	0	5	1	98	0.00	0.0	1.778	0.046	0	0	0	1
PL.24230	PL.24302	A	4ACSR	7.47Y	124.6	0.00	1.44	0.73	0	5	1	98	0.00	0.0	1.802	0.024	0	0	0	1
628302	PL.24230	A	Consumer	7.47Y	124.6	0.00	1.44	0.73	0	5	1	98	0.00	0.0	1.802	0.000	5	1	1	1
629301	PL.7451	A	Consumer	7.48Y	124.6	0.00	1.38	0.53	0	4	1	97	0.00	0.0	1.578	0.000	4	1	1	1
629305	PL.7451	A	Consumer	7.48Y	124.6	0.00	1.38	0.31	0	2	0	100	0.00	0.0	1.578	0.000	2	0	1	1
629304	PL.7451	A	Consumer	7.48Y	124.6	0.00	1.38	0.44	0	3	1	95	0.00	0.0	1.578	0.000	3	1	1	1
629406	PL.7744	B	Consumer	7.53Y	125.5	0.00	0.47	1.51	0	11	2	98	0.00	0.0	1.452	0.000	11	2	1	1
628406	PL.7744	B	Consumer	7.53Y	125.5	0.00	0.47	0.28	0	2	1	89	0.00	0.0	1.452	0.000	2	1	1	1
629403	PL.7744	B	Consumer	7.53Y	125.5	0.00	0.47	0.35	0	3	0	100	0.00	0.0	1.452	0.000	3	0	1	1
629401	PL.7744	B	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	1.452	0.000	0	0	0	0
629402	PL.7744	B	Consumer	7.53Y	125.5	0.00	0.47	0.18	0	1	0	100	0.00	0.0	1.452	0.000	1	0	1	1
628405	PL.7744	A	Consumer	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	1.452	0.000	0	0	0	0
628403	PL.7744	B	Consumer	7.53Y	125.5	0.00	0.47	0.00	0	0	0	100	0.00	0.0	1.452	0.000	0	0	1	1
PL.45424	PL.12608	A	2ACSR	7.48Y	124.7	0.00	1.28	0.00	0	0	0	100	0.00	0.0	1.443	0.057	0	0	0	0
6274020	PL.45424	A	Consumer	7.48Y	124.7	0.00	1.28	0.00	0	0	0	100	0.00	0.0	1.443	0.000	0	0	0	0
627414	PL.12608	B	Consumer	7.53Y	125.5	0.00	0.47	0.64	0	5	1	98	0.00	0.0	1.386	0.000	5	1	1	1
628402	PL.12609	B C	Consumer	7.53Y 7.53Y	125.5 125.6	0.00 0.00	0.47 0.42	0.27 0.27	0 0	2 2	0 0	100 99	0.00 0.00	0.0 0.0	1.353	0.000	2 2	0 0	1 1	1 1
628404	PL.12609	B C	Consumer	7.53Y 7.53Y	125.5 125.6	0.00 0.00	0.47 0.42	0.50 0.50	0 0	4 4	1 1	97 99	0.00 0.00	0.0 0.0	1.353	0.000	4 4	1 1	1 1	1 1
627412	PL.12609	B C	Consumer	7.53Y 7.53Y	125.5 125.6	0.00 0.00	0.47 0.42	0.08 0.08	0 0	1 1	0 0	100 90	0.00 0.00	0.0 0.0	1.353	0.000	1 1	0 0	1 1	1 1
628407	PL.12609	B	Consumer	7.53Y	125.5	0.00	0.47	1.24	0	9	1	99	0.00	0.0	1.353	0.000	9	1	1	1
628401	PL.12609	B C	Consumer	7.53Y 7.53Y	125.5 125.6	0.00 0.00	0.47 0.42	0.36 0.36	0 0	3 3	0 0	100 99	0.00 0.00	0.0 0.0	1.353	0.000	3 3	0 0	1 1	1 1
627411	PL.12609	B C	Consumer	7.53Y 7.53Y	125.5 125.6	0.00 0.00	0.47 0.42	0.11 0.11	0 0	1 1	0 0	100 99	0.00 0.00	0.0 0.0	1.353	0.000	1 1	0 0	1 1	1 1
627404	PL.12609	B C	Consumer	7.53Y 7.53Y	125.5 125.6	0.00 0.00	0.47 0.42	0.17 0.17	0 0	1 1	0 0	100 99	0.00 0.00	0.0 0.0	1.353	0.000	1 1	0 0	1 1	1 1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 627405, PL.15501, PD.2931, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

10/22/2007 09:26 Page 289

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
OH34	PL.26224	A	4/0ACSR	7.50Y	125.0	0.01	1.03	17.89	4	133	16	99	0.04	0.0	1.006	0.049	0	0	0	7		
		B		7.53Y	125.6	0.02	0.44	33.98	7	255	21	100					0	0	0	67		
		C		7.54Y	125.7	0.00	0.35	21.93	5	164	22	99					0	0	0	18		
PL.15969	OH34	C	4ACSR	7.54Y	125.7	0.00	0.35	0.89	0	7	1	99	0.00	0.0	1.012	0.005	0	0	0	1		
PD.2915	PL.15969	C	fuse6AMP	7.54Y	125.7	0.00	0.35	0.89	15	7	1	99	0.00	0.0	1.012	0.000	0	0	0	1		
PL.15968	PD.2915	C	4ACSR	7.54Y	125.7	0.00	0.35	0.89	0	7	1	99	0.00	0.0	1.041	0.029	0	0	0	1		
624501	PL.15968	C	Consumer	7.54Y	125.7	0.00	0.35	0.89	0	7	1	99	0.00	0.0	1.041	0.000	7	1	1	1		
PL.26225	OH34	A	4/0ACSR	7.50Y	125.0	0.01	1.04	17.89	4	133	16	99	0.04	0.0	1.056	0.050	0	0	0	7		
		B		7.53Y	125.5	0.02	0.46	33.98	7	255	21	100					0	0	0	67		
		C		7.54Y	125.6	0.00	0.35	21.04	4	157	21	99					0	0	0	17		
PL.15966	PL.26225	A	4/0ACSR	7.50Y	124.9	0.02	1.06	17.89	4	133	16	99	0.07	0.0	1.133	0.077	0	0	0	7		
		B		7.53Y	125.5	0.03	0.48	33.98	7	255	21	100					0	0	0	67		
		C		7.54Y	125.6	0.01	0.36	21.04	4	157	21	99					0	0	0	17		
PL.15967	PL.15966	A	4/0ACSR	7.50Y	124.9	0.00	1.06	17.89	4	133	16	99	0.00	0.0	1.139	0.005	0	0	0	7		
		B		7.53Y	125.5	0.00	0.49	33.98	7	255	21	100					0	0	0	67		
		C		7.54Y	125.6	0.00	0.36	21.04	4	157	21	99					0	0	0	17		
PL.46590	PL.15967	A	4/0ACSR	7.50Y	124.9	0.00	1.06	6.51	1	43	23	88	0.00	0.0	1.154	0.015	0	0	0	1		
		B		7.53Y	125.5	0.00	0.49	3.59	1	23	14	86					0	0	0	1		
		C		7.54Y	125.6	0.00	0.36	11.90	3	80	41	89					0	0	0	4		
PD.2920	PL.46590	A	fuse15AMP	7.50Y	124.9	0.00	1.06	6.51	43	43	23	88	0.00	0.0	1.154	0.000	0	0	0	1		
		B		7.53Y	125.5	0.00	0.49	3.59	24	23	14	86					0	0	0	1		
		C		7.54Y	125.6	0.00	0.36	11.90	79	80	41	89					0	0	0	4		
PL.46591	PD.2920	A	4/0ACSR	7.50Y	124.9	0.00	1.06	6.51	1	43	23	88	0.00	0.0	1.173	0.019	0	0	0	1		
		B		7.53Y	125.5	0.00	0.49	3.59	1	23	14	86					0	0	0	1		
		C		7.54Y	125.6	0.00	0.36	11.90	3	80	41	89					0	0	0	4		
625604	PL.46591	A	Consumer	7.50Y	124.9	0.00	1.06	2.91	0	20	10	89	0.00	0.0	1.173	0.000	20	10	1	1		
		C		7.54Y	125.6	0.00	0.36	2.89	0	20	10	90					20	10	1	1		
PL.26227	PL.46591	A	4/0ACSR	7.50Y	124.9	0.00	1.06	3.61	1	23	14	85	0.00	0.0	1.196	0.023	0	0	0	1		
		B		7.53Y	125.5	0.00	0.49	3.59	1	23	14	86					0	0	0	1		
		C		7.54Y	125.6	0.00	0.37	9.01	2	60	31	89					0	0	0	4		
PL.3858	PL.26227	A	4/0ACSR	7.50Y	124.9	0.00	1.06	2.91	1	19	11	87	0.00	0.0	1.235	0.039	0	0	0	0		
		B		7.53Y	125.5	0.00	0.49	2.90	1	19	11	85					0	0	0	0		
		C		7.54Y	125.6	0.00	0.37	7.02	1	47	25	89					0	0	0	2		
626712	PL.3858	A	Consumer	7.50Y	124.9	0.00	1.06	2.91	0	19	11	87	0.00	0.0	1.235	0.000	19	11	0	0		
		B		7.53Y	125.5	0.00	0.49	2.90	0	19	11	85					19	11	0	0		
		C		7.54Y	125.6	0.00	0.37	2.90	0	19	11	85					19	11	0	0		
626621	PL.3858	A	Consumer	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	1.235	0.000	0	0	0	0		
		B		7.53Y	125.5	0.00	0.49	0.00	0	0	0	100					0	0	0	0		
		C		7.54Y	125.6	0.00	0.37	0.00	0	0	0	100					0	0	0	0		
PL.3859	PL.3858	C	4ACSR	7.54Y	125.6	0.00	0.38	4.14	2	28	13	91	0.00	0.0	1.258	0.023	0	0	0	2		
626611	PL.3859	C	Consumer	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	1.258	0.000	0	0	0	0		
626603	PL.3859	C	Consumer	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	1.258	0.000	0	0	0	0		
625601	PL.3859	C	Consumer	7.54Y	125.6	0.00	0.38	0.00	0	0	0	100	0.00	0.0	1.258	0.000	0	0	0	0		
625607	PL.3859	C	Consumer	7.54Y	125.6	0.00	0.38	3.88	0	26	13	89	0.00	0.0	1.258	0.000	26	13	1	1		
626602	PL.3859	C	Consumer	7.54Y	125.6	0.00	0.38	0.26	0	2	0	100	0.00	0.0	1.258	0.000	2	0	1	1		
PL.26228	PL.26227	A	4/0ACSR	7.50Y	124.9	-0.00	1.06	0.00	0	0	0	100	0.00	0.0	1.206	0.010	0	0	0	0		
		B		7.53Y	125.5	0.00	0.49	0.00	0	0	0	100					0	0	0	0		
		C		7.54Y	125.6	0.00	0.37	1.29	0	9	4	90					0	0	0	1		
PL.7733	PL.26228	A	4/0ACSR	7.50Y	124.9	-0.00	1.06	0.00	0	0	0	100	0.00	0.0	1.282	0.077	0	0	0	0		
		B		7.53Y	125.5	0.00	0.49	0.00	0	0	0	100					0	0	0	0		
		C		7.54Y	125.6	0.00	0.37	1.29	0	9	4	90					0	0	0	1		
PL.7734	PL.7733	A	4ACSR	7.50Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	1.282	0.000	0	0	0	0		

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 626703, 625606, PL.19038, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include various elements like PL.19376, PL.19377, PL.27719, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.7450	PL.7746	B	4ACSR	7.51Y	125.1	0.02	0.90	20.13	10	149	24	99	0.02	0.0	1.828	0.019	0	0	0	48
PL.34689	PL.7450	B	4ACSR	7.51Y	125.1	0.01	0.91	20.13	10	149	24	99	0.01	0.0	1.841	0.013	0	0	0	48
PL.34690	PL.34689	B	4ACSR	7.50Y	125.1	0.03	0.94	20.13	10	149	24	99	0.03	0.0	1.876	0.035	0	0	0	48
PL.44664	PL.34690	B	4ACSR	7.50Y	125.1	0.00	0.94	1.42	1	11	2	98	0.00	0.0	1.896	0.020	0	0	0	3
071472	PL.44664	B	Consumer	7.50Y	125.1	0.00	0.94	0.35	0	3	0	100	0.00	0.0	1.896	0.000	3	0	1	1
0714138	PL.44664	B	Consumer	7.50Y	125.1	0.00	0.94	0.90	0	7	1	99	0.00	0.0	1.896	0.000	7	1	1	1
0714144	PL.44664	B	Consumer	7.50Y	125.1	0.00	0.94	0.17	0	1	0	100	0.00	0.0	1.896	0.000	1	0	1	1
0714147	PL.44664	B	Consumer	7.50Y	125.1	0.00	0.94	0.00	0	0	0	100	0.00	0.0	1.896	0.000	0	0	0	0
PL.12631	PL.34690	B	4ACSR	7.50Y	125.0	0.02	0.96	18.71	10	139	22	99	0.02	0.0	1.897	0.022	0	0	0	45
PL.12632	PL.12631	B	4ACSR	7.50Y	125.0	0.01	0.97	16.78	9	124	20	99	0.01	0.0	1.916	0.019	0	0	0	42
071470	PL.12632	B	Consumer	7.50Y	125.0	0.00	0.97	0.96	0	7	1	99	0.00	0.0	1.916	0.000	7	1	1	1
0714143	PL.12632	B	Consumer	7.50Y	125.0	0.00	0.97	0.75	0	6	1	99	0.00	0.0	1.916	0.000	6	1	1	1
071452	PL.12632	B	Consumer	7.50Y	125.0	0.00	0.97	0.35	0	3	0	100	0.00	0.0	1.916	0.000	3	0	1	1
071471	PL.12632	B	Consumer	7.50Y	125.0	0.00	0.97	0.46	0	3	1	95	0.00	0.0	1.916	0.000	3	1	1	1
PL.12633	PL.12632	B	4ACSR	7.50Y	125.0	0.02	1.00	14.26	7	106	17	99	0.02	0.0	1.957	0.040	0	0	0	38
629802	PL.12633	B	Consumer	7.50Y	125.0	0.00	1.00	0.41	0	3	0	100	0.00	0.0	1.957	0.000	3	0	1	1
PL.12635	PL.12633	B	4ACSR	7.50Y	125.0	0.01	1.01	13.86	7	103	17	99	0.01	0.0	1.973	0.016	0	0	0	37
0714112	PL.12635	B	Consumer	7.50Y	125.0	0.00	1.01	0.32	0	2	0	100	0.00	0.0	1.973	0.000	2	0	1	1
0714135	PL.12635	B	Consumer	7.50Y	125.0	0.00	1.01	0.96	0	7	1	99	0.00	0.0	1.973	0.000	7	1	1	1
071479	PL.12635	B	Consumer	7.50Y	125.0	0.00	1.01	0.37	0	3	0	100	0.00	0.0	1.973	0.000	3	0	1	1
PL.34684	PL.12635	B	4ACSR	7.50Y	125.0	0.00	1.01	0.61	0	4	1	97	0.00	0.0	1.979	0.006	0	0	0	1
PD.4922	PL.34684	B	fuse6AMP	7.50Y	125.0	0.00	1.01	0.61	10	4	1	97	0.00	0.0	1.979	0.000	0	0	0	1
PL.34685	PD.4922	B	4ACSR	7.50Y	125.0	0.00	1.01	0.61	0	4	1	97	0.00	0.0	2.001	0.022	0	0	0	1
071538	PL.34685	B	Consumer	7.50Y	125.0	0.00	1.01	0.61	0	4	1	97	0.00	0.0	2.001	0.000	4	1	1	1
PL.12634	PL.12635	B	4ACSR	7.50Y	125.0	0.01	1.02	11.60	6	86	14	99	0.01	0.0	2.001	0.028	0	0	0	33
PL.39738	PL.12634	B	4ACSR	7.50Y	125.0	0.00	1.02	7.93	4	59	10	99	0.00	0.0	2.008	0.008	0	0	0	24
PD.509-A	PL.39738	B	Closed	7.50Y	125.0	0.00	1.02	7.93	0	59	10	99	0.00	0.0	2.008	0.000	0	0	0	24
PD.509-B	PD.509-A	B	Closed	7.50Y	125.0	0.00	1.02	7.93	0	59	10	99	0.00	0.0	2.008	0.000	0	0	0	24
PL.39739	PD.509-B	B	4ACSR	7.50Y	125.0	0.02	1.05	7.93	4	59	10	99	0.01	0.0	2.075	0.066	0	0	0	24
PL.12638	PL.39739	B	4ACSR	7.50Y	125.0	0.00	1.05	7.74	4	57	9	99	0.00	0.0	2.082	0.007	0	0	0	23
PL.12639	PL.12638	B	4ACSR	7.50Y	124.9	0.01	1.06	2.55	1	19	3	99	0.00	0.0	2.146	0.064	0	0	0	9
071505	PL.12639	B	Consumer	7.50Y	124.9	0.00	1.06	0.15	0	1	0	100	0.00	0.0	2.146	0.000	1	0	1	1
071521	PL.12639	B	Consumer	7.50Y	124.9	0.00	1.06	0.06	0	0	0	100	0.00	0.0	2.146	0.000	0	0	1	1
PL.12640	PL.12639	B	4ACSR	7.50Y	124.9	0.01	1.06	2.34	1	17	3	98	0.00	0.0	2.211	0.065	0	0	0	7
PL.34702	PL.12640	B	4ACSR	7.50Y	124.9	0.00	1.06	0.89	0	7	1	99	0.00	0.0	2.221	0.010	0	0	0	3
PD.4927	PL.34702	B	fuse6AMP	7.50Y	124.9	0.00	1.06	0.89	15	7	1	99	0.00	0.0	2.221	0.000	0	0	0	3
PL.34707	PD.4927	B	4ACSR	7.50Y	124.9	0.00	1.07	0.89	0	7	1	99	0.00	0.0	2.255	0.034	0	0	0	3
PL.34708	PL.34707	B	4ACSR	7.50Y	124.9	0.00	1.07	0.34	0	2	0	100	0.00	0.0	2.286	0.030	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
071507	PL.34708	B	Consumer	7.50Y	124.9	0.00	1.07	0.34	0	2	0	100	0.00	0.0	2.286	0.000	2	0	1	1
PL.34706	PL.34707	B	4ACSR	7.50Y	124.9	0.00	1.07	0.55	0	4	1	97	0.00	0.0	2.405	0.150	0	0	0	2
PD.2421-A	PL.34706	B	Closed	7.50Y	124.9	0.00	1.07	0.55	0	4	1	97	0.00	0.0	2.405	0.000	0	0	0	2
PD.2421-B	PD.2421-A	B	Closed	7.50Y	124.9	0.00	1.07	0.55	0	4	1	97	0.00	0.0	2.405	0.000	0	0	0	2
PL.27759	PD.2421-B	B	4ACSR	7.50Y	124.9	0.01	1.08	0.55	0	4	1	97	0.00	0.0	2.933	0.528	0	0	0	2
PL.3454	PL.27759	B	4ACSR	7.50Y	124.9	0.00	1.08	0.52	0	4	1	97	0.00	0.0	3.016	0.083	0	0	0	1
514401	PL.3454	B	Consumer	7.50Y	124.9	0.00	1.08	0.52	0	4	1	97	0.00	0.0	3.016	0.000	4	1	1	1
PL.3456	PL.3454	B	4ACSR	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	3.104	0.088	0	0	0	0
513401	PL.3456	B	Consumer	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	3.104	0.000	0	0	0	0
514302	PL.27759	B	Consumer	7.50Y	124.9	0.00	1.08	0.04	0	0	0	100	0.00	0.0	2.933	0.000	0	0	1	1
PL.34704	PL.12640	B	4ACSR	7.50Y	124.9	0.00	1.06	0.59	0	4	1	97	0.00	0.0	2.225	0.013	0	0	0	2
PD.4928	PL.34704	B	fuse6AMP	7.50Y	124.9	0.00	1.06	0.59	10	4	1	97	0.00	0.0	2.225	0.000	0	0	0	2
PL.34705	PD.4928	B	4ACSR	7.50Y	124.9	0.00	1.07	0.59	0	4	1	97	0.00	0.0	2.326	0.101	0	0	0	2
071519	PL.34705	B	Consumer	7.50Y	124.9	0.00	1.07	0.24	0	2	0	100	0.00	0.0	2.326	0.000	2	0	1	1
071522	PL.34705	B	Consumer	7.50Y	124.9	0.00	1.07	0.34	0	3	0	100	0.00	0.0	2.326	0.000	3	0	1	1
071506	PL.12640	B	Consumer	7.50Y	124.9	0.00	1.06	0.51	0	4	1	97	0.00	0.0	2.211	0.000	4	1	1	1
071510	PL.12640	B	Consumer	7.50Y	124.9	0.00	1.06	0.35	0	3	0	100	0.00	0.0	2.211	0.000	3	0	1	1
071502	PL.12638	B	Consumer	7.50Y	125.0	0.00	1.05	0.36	0	3	0	100	0.00	0.0	2.082	0.000	3	0	1	1
071511	PL.12638	B	Consumer	7.50Y	125.0	0.00	1.05	0.06	0	0	0	100	0.00	0.0	2.082	0.000	0	0	1	1
PL.34697	PL.12638	B	4ACSR	7.50Y	124.9	0.00	1.05	4.77	2	35	6	99	0.00	0.0	2.085	0.003	0	0	0	12
C PD.4926	PL.34697	B	fuse6AMP	7.50Y	124.9	0.00	1.05	4.77	82	35	6	99	0.00	0.0	2.085	0.000	0	0	0	12 C
PL.34700	PD.4926	B	4ACSR	7.50Y	124.9	0.00	1.05	4.77	2	35	6	99	0.00	0.0	2.087	0.002	0	0	0	12
PL.34701	PL.34700	B	4ACSR	7.50Y	124.9	0.00	1.05	0.71	0	5	1	98	0.00	0.0	2.194	0.107	0	0	0	2
071509	PL.34701	B	Consumer	7.50Y	124.9	0.00	1.05	0.59	0	4	1	97	0.00	0.0	2.194	0.000	4	1	1	1
071512	PL.34701	B	Consumer	7.50Y	124.9	0.00	1.05	0.12	0	1	0	100	0.00	0.0	2.194	0.000	1	0	1	1
PL.34699	PL.34700	B	4ACSR	7.50Y	124.9	0.00	1.05	4.06	2	30	5	99	0.00	0.0	2.091	0.004	0	0	0	10
PL.34696	PL.34699	B	4ACSR	7.50Y	124.9	0.01	1.06	4.06	2	30	5	99	0.00	0.0	2.129	0.038	0	0	0	10
PL.7583	PL.34696	B	4ACSR	7.50Y	124.9	0.01	1.07	3.53	2	26	4	99	0.00	0.0	2.179	0.050	0	0	0	9
PL.4782	PL.7583	B	4ACSR	7.50Y	124.9	0.00	1.07	1.84	1	14	2	99	0.00	0.0	2.241	0.062	0	0	0	5
PL.7584	PL.4782	B	4ACSR	7.50Y	124.9	0.00	1.07	1.84	1	14	2	99	0.00	0.0	2.247	0.006	0	0	0	5
PL.7585	PL.7584	B	4ACSR	7.50Y	124.9	0.00	1.07	1.46	1	11	2	98	0.00	0.0	2.258	0.011	0	0	0	4
PL.3449	PL.7585	B	4ACSR	7.50Y	124.9	0.00	1.07	1.46	1	11	2	98	0.00	0.0	2.293	0.035	0	0	0	4
512101	PL.3449	B	Consumer	7.50Y	124.9	0.00	1.07	0.27	0	2	0	100	0.00	0.0	2.293	0.000	2	0	1	1
511102	PL.3449	B	Consumer	7.50Y	124.9	0.00	1.07	0.54	0	4	1	97	0.00	0.0	2.293	0.000	4	1	1	1
PL.3452	PL.3449	B	4ACSR	7.50Y	124.9	0.00	1.08	0.65	0	5	1	98	0.00	0.0	2.332	0.039	0	0	0	2
PL.3453	PL.3452	B	4ACSR	7.50Y	124.9	0.00	1.08	0.65	0	5	1	98	0.00	0.0	2.373	0.041	0	0	0	2
5121003	PL.3453	B	Consumer	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	2.373	0.000	0	0	1	1
512102	PL.3453	B	Consumer	7.50Y	124.9	0.00	1.08	0.65	0	5	1	98	0.00	0.0	2.373	0.000	5	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts						mi From Src	-----Element-----		Cons On	Cons Thru			
							Accum Drop	Thru %	% Cap	Thru KW	% KVAR	kW Loss		% Loss	Length (mi)			KW	KVAR	
071508	PL.7584	B	Consumer	7.50Y	124.9	0.00	1.07	0.38	0	3	0	100	0.00	0.0	2.247	0.000	3	0	1	1
071524	PL.7583	B	Consumer	7.50Y	124.9	0.00	1.07	0.85	0	6	1	99	0.00	0.0	2.179	0.000	6	1	1	1
071503	PL.7583	B	Consumer	7.50Y	124.9	0.00	1.07	0.20	0	1	0	100	0.00	0.0	2.179	0.000	1	0	1	1
PL.4783	PL.7583	B	4ACSR	7.50Y	124.9	0.00	1.07	0.64	0	5	1	98	0.00	0.0	2.216	0.037	0	0	0	2
071513	PL.4783	B	Consumer	7.50Y	124.9	0.00	1.07	0.34	0	3	0	100	0.00	0.0	2.216	0.000	3	0	1	1
071515	PL.4783	B	Consumer	7.50Y	124.9	0.00	1.07	0.30	0	2	0	100	0.00	0.0	2.216	0.000	2	0	1	1
071520	PL.34696	B	Consumer	7.50Y	124.9	0.00	1.06	0.53	0	4	1	97	0.00	0.0	2.129	0.000	4	1	1	1
PL.34693	PL.39739	B	4ACSR	7.50Y	125.0	0.00	1.05	0.19	0	1	0	100	0.00	0.0	2.077	0.002	0	0	0	1
PD.4925	PL.34693	B	fuse6AMP	7.50Y	125.0	0.00	1.05	0.19	3	1	0	100	0.00	0.0	2.077	0.000	0	0	0	1
PL.34694	PD.4925	B	4ACSR	7.50Y	125.0	0.00	1.05	0.19	0	1	0	100	0.00	0.0	2.092	0.015	0	0	0	1
071516	PL.34694	B	Consumer	7.50Y	125.0	0.00	1.05	0.19	0	1	0	100	0.00	0.0	2.092	0.000	1	0	1	1
071523	PL.34694	B	Consumer	7.50Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	2.092	0.000	0	0	0	0
0714142	PL.12634	B	Consumer	7.50Y	125.0	0.00	1.02	0.70	0	5	1	98	0.00	0.0	2.001	0.000	5	1	1	1
071462	PL.12634	B	Consumer	7.50Y	125.0	0.00	1.02	0.29	0	2	0	100	0.00	0.0	2.001	0.000	2	0	1	1
071480	PL.12634	B	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	2.001	0.000	0	0	1	1
PL.27760	PL.12634	B	4ACSR	7.50Y	125.0	0.00	1.02	2.67	1	20	3	99	0.00	0.0	2.012	0.012	0	0	0	6
PL.34686	PL.27760	B	4ACSR	7.50Y	125.0	0.00	1.02	2.67	1	20	3	99	0.00	0.0	2.019	0.007	0	0	0	6
PD.4923	PL.34686	B	fuse6AMP	7.50Y	125.0	0.00	1.02	2.67	46	20	3	99	0.00	0.0	2.019	0.000	0	0	0	6
PL.34687	PD.4923	B	4ACSR	7.50Y	125.0	0.00	1.03	2.67	1	20	3	99	0.00	0.0	2.041	0.021	0	0	0	6
071491	PL.34687	B	Consumer	7.50Y	125.0	0.00	1.03	0.45	0	3	1	95	0.00	0.0	2.041	0.000	3	1	1	1
0714104	PL.34687	B	Consumer	7.50Y	125.0	0.00	1.03	0.61	0	5	1	98	0.00	0.0	2.041	0.000	5	1	1	1
PL.25177	PL.34687	B	4ACSR	7.50Y	125.0	0.00	1.03	1.61	1	12	2	99	0.00	0.0	2.090	0.049	0	0	0	4
PL.7594	PL.25177	B	4ACSR	7.50Y	125.0	0.00	1.03	1.31	1	10	2	98	0.00	0.0	2.107	0.018	0	0	0	3
0714126	PL.7594	B	Consumer	7.50Y	125.0	0.00	1.03	0.39	0	3	0	100	0.00	0.0	2.107	0.000	3	0	1	1
PL.7595	PL.7594	B	4ACSR	7.50Y	125.0	0.00	1.03	0.92	0	7	1	99	0.00	0.0	2.191	0.083	0	0	0	2
0714105	PL.7595	B	Consumer	7.50Y	125.0	0.00	1.03	0.92	0	7	1	99	0.00	0.0	2.191	0.000	4	1	1	2
071477	0714105	B	Consumer	7.50Y	125.0	0.00	1.03	0.42	0	3	0	100	0.00	0.0	2.191	0.000	3	0	1	1
0714115	PL.25177	B	Consumer	7.50Y	125.0	0.00	1.03	0.30	0	2	0	100	0.00	0.0	2.090	0.000	2	0	1	1
071455	PL.12631	B	Consumer	7.50Y	125.0	0.00	0.96	0.52	0	4	1	97	0.00	0.0	1.897	0.000	4	1	1	1
0714119	PL.12631	B	Consumer	7.50Y	125.0	0.00	0.96	1.03	0	8	1	99	0.00	0.0	1.897	0.000	8	1	1	1
0714145	PL.12631	B	Consumer	7.50Y	125.0	0.00	0.96	0.38	0	3	0	100	0.00	0.0	1.897	0.000	3	0	1	1
PL.34691	PL.34689	B	4ACSR	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	1.844	0.003	0	0	0	0
PD.4924	PL.34691	B	fuse6AMP	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	1.844	0.000	0	0	0	0
PL.34692	PD.4924	B	4ACSR	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	1.913	0.069	0	0	0	0
629811	PL.7746	B	Consumer	7.51Y	125.1	0.00	0.88	0.32	0	2	0	100	0.00	0.0	1.809	0.000	2	0	1	1
629806	PL.15959	B	Consumer	7.51Y	125.1	0.00	0.87	0.05	0	0	0	100	0.00	0.0	1.793	0.000	0	0	1	1
629812	PL.15959	B	Consumer	7.51Y	125.1	0.00	0.87	0.11	0	1	0	100	0.00	0.0	1.793	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR	
PL.12606	PL.7745	A	6ACWC	7.49Y	124.9	-0.00	1.13	0.00	0	0	0	0	100	0.00	0.0	1.800	0.067	0	0	0	0
		B		7.51Y	125.2	0.00	0.82	0.00	0	0	0	100					0	0	0	0	0
		C		7.54Y	125.7	0.00	0.26	1.47	1	11	2	99					0	0	0	0	2
629701	PL.12606	C	Consumer	7.54Y	125.7	0.00	0.26	1.46	0	11	2	98	0.00	0.0	1.800	0.000	11	2	1	1	
629704	PL.12606	C	Consumer	7.54Y	125.7	0.00	0.26	0.01	0	0	0	100	0.00	0.0	1.800	0.000	0	0	1	1	
629702	PL.12606	C	Consumer	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	1.800	0.000	0	0	0	0	
PL.45858	PL.12606	C	2ACSR	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	1.883	0.083	0	0	0	0	
6297009	PL.45858	C	Consumer	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	1.883	0.000	0	0	0	0	
628803	PL.26231	C	Consumer	7.54Y	125.7	0.00	0.27	0.19	0	1	0	100	0.00	0.0	1.666	0.000	1	0	1	1	
629808	PL.26231	C	Consumer	7.54Y	125.7	0.00	0.27	0.17	0	1	0	100	0.00	0.0	1.666	0.000	1	0	1	1	
628802	PL.26231	C	Consumer	7.54Y	125.7	0.00	0.27	0.56	0	4	1	97	0.00	0.0	1.666	0.000	4	1	1	1	
628801	PL.26231	C	Consumer	7.54Y	125.7	0.00	0.27	0.09	0	1	0	100	0.00	0.0	1.666	0.000	1	0	1	1	
627804	PL.19377	A	Consumer	7.49Y	124.9	0.00	1.11	1.43	0	10	5	89	0.00	0.0	1.493	0.000	10	5	1	1	
PL.18764	PL.19377	A	4/OACSR	7.49Y	124.9	0.00	1.11	0.00	0	0	0	100	0.00	0.0	1.498	0.005	0	0	0	0	
		B		7.53Y	125.4	0.00	0.58	0.00	0	0	0	100					0	0	0	0	
		C		7.54Y	125.7	0.00	0.30	0.00	0	0	0	100					0	0	0	0	
P CP.24 P	PL.19376	A	Cap (150)	7.49Y	124.9	0.00	1.10	-7.23	0	0	-54	0	0.00	0.0	1.454	0.000	0	0	0	0	P
		B		7.53Y	125.4	0.00	0.57	-7.26	0	0	-55	0					0	0	0	0	P
		C		7.54Y	125.7	0.00	0.30	-7.27	0	0	-55	0					0	0	0	0	
627702	PL.26229	B	Consumer	7.53Y	125.5	0.00	0.55	0.55	0	4	1	97	0.00	0.0	1.354	0.000	4	1	1	1	
627601	PL.26229	B	Consumer	7.53Y	125.5	0.00	0.55	0.23	0	2	0	100	0.00	0.0	1.354	0.000	2	0	1	1	
PL.24340	PL.15965	C	4ACSR	7.54Y	125.7	0.00	0.33	0.40	0	3	1	95	0.00	0.0	1.370	0.055	0	0	0	3	
626709	PL.24340	C	Consumer	7.54Y	125.7	0.00	0.33	0.39	0	3	1	95	0.00	0.0	1.370	0.000	3	1	1	1	
626705	PL.24340	C	Consumer	7.54Y	125.7	0.00	0.33	0.00	0	0	0	100	0.00	0.0	1.370	0.000	0	0	1	1	
626710	PL.24340	C	Consumer	7.54Y	125.7	0.00	0.33	0.01	0	0	0	100	0.00	0.0	1.370	0.000	0	0	1	1	
626620	PL.19038	B	Consumer	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.195	0.000	0	0	1	1	
626617	PL.19038	B	Consumer	7.53Y	125.5	0.00	0.50	0.20	0	1	1	71	0.00	0.0	1.195	0.000	1	1	1	1	
626607	PL.19038	B	Consumer	7.53Y	125.5	0.00	0.50	0.32	0	2	0	100	0.00	0.0	1.195	0.000	2	0	1	1	
626619	PL.19038	B	Consumer	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.195	0.000	0	0	0	0	
6266022	PL.19038	B	Consumer	7.53Y	125.5	0.00	0.50	0.00	0	0	0	100	0.00	0.0	1.195	0.000	0	0	1	1	
626618	PL.19038	B	Consumer	7.53Y	125.5	0.00	0.50	0.17	0	1	1	71	0.00	0.0	1.195	0.000	1	1	1	1	
PL.15970	PL.16203	B	4ACSR	7.54Y	125.6	0.00	0.35	0.37	0	3	0	100	0.00	0.0	0.847	0.006	0	0	0	1	
PD.2914	PL.15970	B	fuse6AMP	7.54Y	125.6	0.00	0.35	0.37	6	3	0	100	0.00	0.0	0.847	0.000	0	0	0	1	
PL.15971	PD.2914	B	4ACSR	7.54Y	125.6	0.00	0.35	0.37	0	3	0	100	0.00	0.0	0.917	0.070	0	0	0	1	
622401	PL.15971	B	Consumer	7.54Y	125.6	0.00	0.35	0.37	0	3	0	100	0.00	0.0	0.917	0.000	3	0	1	1	
PL.16204	PL.26223	A	4ACSR	7.52Y	125.3	0.00	0.66	1.08	1	7	4	87	0.00	0.0	0.607	0.006	0	0	0	1	
		C		7.55Y	125.8	0.00	0.22	1.08	1	7	4	90					0	0	0	1	
PD.2919	PL.16204	A	fuse6AMP	7.52Y	125.3	0.00	0.66	1.08	18	7	4	87	0.00	0.0	0.607	0.000	0	0	0	1	
		C		7.55Y	125.8	0.00	0.22	1.08	18	7	4	90					0	0	0	1	
PL.16205	PD.2919	A	4ACSR	7.52Y	125.3	0.00	0.66	1.08	1	7	4	87	0.00	0.0	0.669	0.063	0	0	0	1	
		C		7.55Y	125.8	0.00	0.23	1.08	1	7	4	90					0	0	0	1	
620402	PL.16205	A	Consumer	7.52Y	125.3	0.00	0.66	1.05	0	7	3	92	0.00	0.0	0.669	0.000	7	3	1	1	
		C		7.55Y	125.8	0.00	0.23	1.05	0	7	3	90					7	3	1	1	

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss			KW	KVAR			
620401	PL.16205	A C	Consumer	7.52Y 7.55Y	125.3 125.8	0.00 0.00	0.66 0.23	0.03 0.03	0 0	0 0	100 90	0.00 0.00	0.0 0.0	0.669 0.000	0.000	0 0	0 0	1 1	1 1	
PL.1646	PL.16998	A	4ACSR	7.53Y	125.5	0.15	0.52	37.60	19	280	46	99	0.31	0.1	0.424	0.090	0	0	0	66
PL.1647	PL.1646	A	4ACSR	7.53Y	125.5	0.00	0.52	1.32	1	10	2	98	0.00	0.0	0.488	0.064	0	0	0	2
0194103	PL.1647	A	Consumer	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	0.488	0.000	0	0	0	0
019493	PL.1647	A	Consumer	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	0.488	0.000	0	0	0	0
019412	PL.1647	A	Consumer	7.53Y	125.5	0.00	0.52	0.37	0	3	0	100	0.00	0.0	0.488	0.000	3	0	1	1
019485	PL.1647	A	Consumer	7.53Y	125.5	0.00	0.52	0.96	0	7	1	99	0.00	0.0	0.488	0.000	7	1	1	1
PL.22108	PL.1646	A	4ACSR	7.53Y	125.5	0.01	0.53	35.72	18	265	44	99	0.02	0.0	0.431	0.007	0	0	0	63
PD.2732-A	PL.22108	A	Closed	7.53Y	125.5	0.00	0.53	35.72	0	265	44	99	0.00	0.0	0.431	0.000	0	0	0	63
PD.2732-B	PD.2732-A	A	Closed	7.53Y	125.5	0.00	0.53	35.72	0	265	44	99	0.00	0.0	0.431	0.000	0	0	0	63
PL.22109	PD.2732-B	A	4ACSR	7.52Y	125.4	0.11	0.64	35.72	18	265	44	99	0.22	0.1	0.504	0.073	0	0	0	63
PL.1643	PL.22109	A	4ACSR	7.52Y	125.4	0.00	0.65	1.05	1	8	1	99	0.00	0.0	0.562	0.058	0	0	0	4
PL.24323	PL.1643	A	4ACSR	7.52Y	125.4	0.00	0.65	1.01	1	8	1	99	0.00	0.0	0.625	0.063	0	0	0	2
620102	PL.24323	A	Consumer	7.52Y	125.4	0.00	0.65	0.69	0	5	1	98	0.00	0.0	0.625	0.000	5	1	1	1
620201	PL.24323	A	Consumer	7.52Y	125.4	0.00	0.65	0.32	0	2	0	100	0.00	0.0	0.625	0.000	2	0	1	1
0194102	PL.1643	A	Consumer	7.52Y	125.4	0.00	0.65	0.04	0	0	0	100	0.00	0.0	0.562	0.000	0	0	1	1
019453	PL.1643	A	Consumer	7.52Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	0.562	0.000	0	0	1	1
PL.1681	PL.22109	A	4ACSR	7.52Y	125.4	0.00	0.65	1.41	1	11	2	98	0.00	0.0	0.542	0.038	0	0	0	2
0194108	PL.1681	A	Consumer	7.52Y	125.4	0.00	0.65	0.91	0	7	1	99	0.00	0.0	0.542	0.000	7	1	1	1
PL.1684	PL.1681	A	4ACSR	7.52Y	125.4	0.00	0.65	0.50	0	4	1	97	0.00	0.0	0.600	0.058	0	0	0	1
0194111	PL.1684	A	Consumer	7.52Y	125.4	0.00	0.65	0.50	0	4	1	97	0.00	0.0	0.600	0.000	4	1	1	1
019405	PL.22109	A	Consumer	7.52Y	125.4	0.00	0.64	0.01	0	0	0	100	0.00	0.0	0.504	0.000	0	0	1	1
PL.1644	PL.22109	A	4ACSR	7.52Y	125.4	0.00	0.64	0.00	0	0	0	100	0.00	0.0	0.616	0.111	0	0	0	0
PL.6098	PL.22109	A	4ACSR	7.52Y	125.3	0.05	0.69	17.15	9	127	21	99	0.04	0.0	0.567	0.063	0	0	0	30
PL.10960	PL.6098	A	4ACSR	7.52Y	125.3	0.02	0.71	16.02	8	119	20	99	0.01	0.0	0.591	0.024	0	0	0	27
PL.10959	PL.10960	A	4ACSR	7.52Y	125.3	0.01	0.72	15.80	8	117	20	99	0.01	0.0	0.610	0.020	0	0	0	26
PL.10958	PL.10959	A	4ACSR	7.51Y	125.2	0.03	0.75	15.80	8	117	20	99	0.03	0.0	0.660	0.049	0	0	0	26
PL.10957	PL.10958	A	4ACSR	7.51Y	125.2	0.04	0.79	14.45	7	107	18	99	0.03	0.0	0.724	0.065	0	0	0	24
PL.11548	PL.10957	A	4ACSR	7.51Y	125.2	0.01	0.81	12.83	7	95	16	99	0.01	0.0	0.751	0.026	0	0	0	22
0194107	PL.11548	A	Consumer	7.51Y	125.2	0.00	0.81	0.69	0	5	1	98	0.00	0.0	0.751	0.000	5	1	1	1
PL.11550	PL.11548	A	4ACSR	7.51Y	125.1	0.05	0.86	12.14	6	90	15	99	0.03	0.0	0.839	0.088	0	0	0	21
PL.38702	PL.11550	A	4ACSR	7.51Y	125.1	0.00	0.86	0.67	0	5	1	98	0.00	0.0	0.846	0.008	0	0	0	2
PL.38703	PL.38702	A	4ACSR	7.51Y	125.1	0.00	0.86	0.67	0	5	1	98	0.00	0.0	0.891	0.045	0	0	0	2
0194114	PL.38703	A	Consumer	7.51Y	125.1	0.00	0.86	0.22	0	2	0	100	0.00	0.0	0.891	0.000	2	0	1	1
019445	PL.38703	A	Consumer	7.51Y	125.1	0.00	0.86	0.45	0	3	1	95	0.00	0.0	0.891	0.000	3	1	1	1
019484	PL.38703	A	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	0.891	0.000	0	0	0	0
019488	PL.38703	A	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	0.891	0.000	0	0	0	0
PL.11549	PL.11550	A	4ACSR	7.51Y	125.1	0.01	0.86	2.08	1	15	3	98	0.00	0.0	0.898	0.059	0	0	0	3

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
019486	PL.11549	A	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	0.898	0.000	0	0	0	0
019440	PL.11549	A	Consumer	7.51Y	125.1	0.00	0.86	0.92	0	7	1	99	0.00	0.0	0.898	0.000	7	1	1	1
019409	PL.11549	A	Consumer	7.51Y	125.1	0.00	0.86	0.80	0	6	1	99	0.00	0.0	0.898	0.000	6	1	1	1
019489	PL.11549	A	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	0.898	0.000	0	0	0	0
019408	PL.11549	A	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	0.898	0.000	0	0	0	0
019424	PL.11549	A	Consumer	7.51Y	125.1	0.00	0.86	0.38	0	3	1	95	0.00	0.0	0.898	0.000	3	1	1	1
019403	PL.11549	A	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	0.898	0.000	0	0	0	0
PL.18366	PL.11549	A	4ACSR	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	0.943	0.045	0	0	0	0
019459	PL.11550	A	Consumer	7.51Y	125.1	0.00	0.86	0.00	0	0	0	100	0.00	0.0	0.839	0.000	0	0	0	0
019441	PL.11550	A	Consumer	7.51Y	125.1	0.00	0.86	0.52	0	4	1	97	0.00	0.0	0.839	0.000	4	1	1	1
PL.38704	PL.11550	A	4ACSR	7.51Y	125.1	0.01	0.86	8.87	5	66	11	99	0.00	0.0	0.852	0.014	0	0	0	15
PL.38705	PL.38704	A	4ACSR	7.51Y	125.1	0.01	0.87	8.87	5	66	11	99	0.00	0.0	0.878	0.026	0	0	0	15
0194116	PL.38705	A	Consumer	7.51Y	125.1	0.00	0.87	1.34	0	10	2	98	0.00	0.0	0.878	0.000	10	2	1	1
019435	PL.38705	A	Consumer	7.51Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	0.878	0.000	0	0	1	1
PL.6118	PL.38705	A	4ACSR	7.51Y	125.1	0.02	0.89	7.52	4	56	9	99	0.01	0.0	0.929	0.051	0	0	0	13
019464	PL.6118	A	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	0.929	0.000	0	0	0	0
019443	PL.6118	A	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	0.929	0.000	0	0	0	0
019494	PL.6118	A	Consumer	7.51Y	125.1	0.00	0.89	1.29	0	10	2	98	0.00	0.0	0.929	0.000	10	2	1	1
PL.1648	PL.6118	A	4ACSR	7.51Y	125.1	0.00	0.89	1.08	1	8	1	99	0.00	0.0	0.967	0.038	0	0	0	3
PL.23759	PL.1648	A	4ACSR	7.51Y	125.1	0.00	0.89	1.08	1	8	1	99	0.00	0.0	1.050	0.083	0	0	0	3
019427	PL.23759	A	Consumer	7.51Y	125.1	0.00	0.89	0.34	0	3	0	100	0.00	0.0	1.050	0.000	3	0	1	1
019428	PL.23759	A	Consumer	7.51Y	125.1	0.00	0.89	0.48	0	4	1	97	0.00	0.0	1.050	0.000	4	1	1	1
019401	PL.23759	A	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	1.050	0.000	0	0	0	0
019451	PL.23759	A	Consumer	7.51Y	125.1	0.00	0.89	0.26	0	2	0	100	0.00	0.0	1.050	0.000	2	0	1	1
PL.23758	PL.6118	A	4ACSR	7.51Y	125.1	0.01	0.89	5.15	3	38	6	99	0.00	0.0	0.957	0.028	0	0	0	9
PL.11551	PL.23758	A	4ACSR	7.51Y	125.1	0.00	0.90	5.15	3	38	6	99	0.00	0.0	0.970	0.012	0	0	0	9
019474	PL.11551	A	Consumer	7.51Y	125.1	0.00	0.90	1.01	0	8	1	99	0.00	0.0	0.970	0.000	8	1	1	1
019446	PL.11551	A	Consumer	7.51Y	125.1	0.00	0.90	0.37	0	3	0	100	0.00	0.0	0.970	0.000	3	0	1	1
019495	PL.11551	A	Consumer	7.51Y	125.1	0.00	0.90	1.22	0	9	1	99	0.00	0.0	0.970	0.000	9	1	1	1
PL.11552	PL.11551	A	4ACSR	7.51Y	125.1	0.01	0.90	2.55	1	19	3	99	0.00	0.0	1.019	0.049	0	0	0	6
PL.6116	PL.11552	A	4ACSR	7.51Y	125.1	0.00	0.90	1.77	1	13	2	99	0.00	0.0	1.041	0.023	0	0	0	3
019460	PL.6116	A	Consumer	7.51Y	125.1	0.00	0.90	0.89	0	7	1	99	0.00	0.0	1.041	0.000	7	1	1	1
019449	PL.6116	A	Consumer	7.51Y	125.1	0.00	0.90	0.76	0	6	1	99	0.00	0.0	1.041	0.000	6	1	1	1
019471	PL.6116	A	Consumer	7.51Y	125.1	0.00	0.90	0.12	0	1	0	100	0.00	0.0	1.041	0.000	1	0	1	1
019431	PL.6116	A	Consumer	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	1.041	0.000	0	0	0	0
019448	PL.11552	A	Consumer	7.51Y	125.1	0.00	0.90	0.20	0	1	0	100	0.00	0.0	1.019	0.000	1	0	1	1
019433	PL.11552	A	Consumer	7.51Y	125.1	0.00	0.90	0.48	0	4	1	97	0.00	0.0	1.019	0.000	4	1	1	1
019430	PL.11552	A	Consumer	7.51Y	125.1	0.00	0.90	0.10	0	1	0	100	0.00	0.0	1.019	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
019499	PL.10957	A	Consumer	7.51Y	125.2	0.00	0.79	1.23	0	9	1	99	0.00	0.0	0.724	0.000	9	1	1	1
019410	PL.10957	A	Consumer	7.51Y	125.2	0.00	0.79	0.40	0	3	0	100	0.00	0.0	0.724	0.000	3	0	1	1
019442	PL.10958	A	Consumer	7.51Y	125.2	0.00	0.75	0.76	0	6	1	99	0.00	0.0	0.660	0.000	6	1	1	1
019406	PL.10958	A	Consumer	7.51Y	125.2	0.00	0.75	0.59	0	4	1	97	0.00	0.0	0.660	0.000	4	1	1	1
0194120	PL.10960	A	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	0.591	0.000	0	0	0	0
019463	PL.10960	A	Consumer	7.52Y	125.3	0.00	0.71	0.22	0	2	0	100	0.00	0.0	0.591	0.000	2	0	1	1
0194119	PL.6098	A	Consumer	7.52Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	0.567	0.000	0	0	0	0
019465	PL.6098	A	Consumer	7.52Y	125.3	0.00	0.69	0.24	0	2	0	100	0.00	0.0	0.567	0.000	2	0	1	1
019491	PL.6098	A	Consumer	7.52Y	125.3	0.00	0.69	0.75	0	6	1	99	0.00	0.0	0.567	0.000	6	1	1	1
0194106	PL.6098	A	Consumer	7.52Y	125.3	0.00	0.69	0.14	0	1	0	100	0.00	0.0	0.567	0.000	1	0	1	1
PL.76	PL.22109	A	4ACSR	7.52Y	125.3	0.08	0.72	15.86	8	118	19	99	0.07	0.1	0.618	0.114	0	0	0	25
PD.2361-A	PL.76	A	Closed	7.52Y	125.3	0.00	0.72	15.86	0	118	19	99	0.00	0.0	0.618	0.000	0	0	0	25
PD.2361-B	PD.2361-A	A	Closed	7.52Y	125.3	0.00	0.72	15.86	0	118	19	99	0.00	0.0	0.618	0.000	0	0	0	25
PL.27338	PD.2361-B	A	4ACSR	7.52Y	125.3	0.02	0.74	15.86	8	118	19	99	0.02	0.0	0.651	0.033	0	0	0	25
PL.7739	PL.27338	A	4ACSR	7.51Y	125.2	0.02	0.76	14.90	8	111	18	99	0.01	0.0	0.676	0.025	0	0	0	24
620208	PL.7739	A	Consumer	7.51Y	125.2	0.00	0.76	0.91	0	7	1	99	0.00	0.0	0.676	0.000	7	1	1	1
620204	PL.7739	A	Consumer	7.51Y	125.2	0.00	0.76	0.79	0	6	1	99	0.00	0.0	0.676	0.000	6	1	1	1
620212	PL.7739	A	Consumer	7.51Y	125.2	0.00	0.76	0.86	0	6	1	99	0.00	0.0	0.676	0.000	6	1	1	1
620211	PL.7739	A	Consumer	7.51Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	0.676	0.000	0	0	0	0
PL.27539	PL.7739	A	4ACSR	7.51Y	125.2	0.00	0.76	4.24	2	31	5	99	0.00	0.0	0.683	0.007	0	0	0	4
PD.2932	PL.27539	A	fuse6AMP	7.51Y	125.2	0.00	0.76	4.24	72	31	5	99	0.00	0.0	0.683	0.000	0	0	0	4
PL.27540	PD.2932	A	4ACSR	7.51Y	125.2	0.01	0.77	4.24	2	31	5	99	0.00	0.0	0.744	0.061	0	0	0	4
PL.24324	PL.27540	A	4ACSR	7.51Y	125.2	0.00	0.77	1.28	1	10	2	98	0.00	0.0	0.774	0.030	0	0	0	2
620209	PL.24324	A	Consumer	7.51Y	125.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	0.774	0.000	0	0	0	0
620210	PL.24324	A	Consumer	7.51Y	125.2	0.00	0.77	0.61	0	5	1	98	0.00	0.0	0.774	0.000	5	1	1	1
6202013	PL.24324	A	Consumer	7.51Y	125.2	0.00	0.77	0.67	0	5	1	98	0.00	0.0	0.774	0.000	5	1	1	1
PL.3790	PL.27540	A	4ACSR	7.51Y	125.2	0.01	0.78	2.95	2	22	4	98	0.00	0.0	0.809	0.065	0	0	0	2
621201	PL.3790	A	Consumer	7.51Y	125.2	0.00	0.78	0.56	0	4	1	97	0.00	0.0	0.809	0.000	4	1	1	1
PL.3791	PL.3790	A	4ACSR	7.51Y	125.2	0.01	0.79	2.39	1	18	3	99	0.00	0.0	0.862	0.053	0	0	0	1
622202	PL.3791	A	Consumer	7.51Y	125.2	0.00	0.79	2.39	0	18	3	99	0.00	0.0	0.862	0.000	18	3	1	1
PL.19211	PL.7739	A	4ACSR	7.51Y	125.2	0.01	0.77	8.11	4	60	10	99	0.01	0.0	0.714	0.038	0	0	0	17
620207	PL.19211	A	Consumer	7.51Y	125.2	0.00	0.77	0.38	0	3	0	100	0.00	0.0	0.714	0.000	3	0	1	1
620206	PL.19211	A	Consumer	7.51Y	125.2	0.00	0.77	0.78	0	6	1	99	0.00	0.0	0.714	0.000	6	1	1	1
PL.19210	PL.19211	A	4ACSR	7.51Y	125.2	0.01	0.79	6.95	4	52	8	99	0.01	0.0	0.759	0.045	0	0	0	15
621306	PL.19210	A	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.759	0.000	0	0	0	0
621308	PL.19210	A	Consumer	7.51Y	125.2	0.00	0.79	0.20	0	1	0	100	0.00	0.0	0.759	0.000	1	0	1	1
621304	PL.19210	A	Consumer	7.51Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	0.759	0.000	0	0	1	1
PL.10956	PL.19210	A	4ACSR	7.51Y	125.2	0.03	0.81	6.75	3	50	8	99	0.01	0.0	0.851	0.092	0	0	0	13

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 1 (CLAYCTY1) beginning with Device PD.3881.

Unbalanced Voltage Drop Report
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Unbalanced Voltage Drop Report
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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 018494, 0184114, 0184123, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.6094, 018396, PL.24538, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
018358	PL.11721	C	Consumer	7.49Y	124.8	0.00	1.15	1.73	0	13	2	99	0.00	0.0	1.981	0.000	13	2	1	1
018352	PL.11721	B	Consumer	7.46Y	124.3	0.00	1.73	2.12	0	16	3	98	0.00	0.0	1.981	0.000	16	3	1	1
PL.11722	PL.11721	A	336ACSR	7.47Y	124.5	0.04	1.53	50.78	7	374	63	99	0.21	0.0	2.071	0.090	0	0	0	62
		B		7.45Y	124.2	0.04	1.77	58.55	8	430	73	99					0	0	0	76
		C		7.49Y	124.8	0.02	1.17	50.45	7	373	62	99					0	0	0	78
PL.18746	PL.11722	A	336ACSR	7.47Y	124.5	0.00	1.53	31.43	4	231	40	99	0.01	0.0	2.078	0.006	0	0	0	39
		B		7.45Y	124.2	0.00	1.77	58.55	8	430	73	99					0	0	0	76
		C		7.49Y	124.8	-0.00	1.17	7.63	1	56	10	99					0	0	0	13
PD.149-A	PL.18746	A	Closed	7.47Y	124.5	0.00	1.53	31.43	0	231	40	99	0.00	0.0	2.078	0.000	0	0	0	39
		B		7.45Y	124.2	0.00	1.77	58.55	0	430	73	99					0	0	0	76
		C		7.49Y	124.8	0.00	1.17	7.63	0	56	10	99					0	0	0	13
PD.149-B	PD.149-A	A	Closed	7.47Y	124.5	0.00	1.53	31.43	0	231	40	99	0.00	0.0	2.078	0.000	0	0	0	39
		B		7.45Y	124.2	0.00	1.77	58.55	0	430	73	99					0	0	0	76
		C		7.49Y	124.8	0.00	1.17	7.63	0	56	10	99					0	0	0	13
PL.18747	PD.149-B	A	336ACSR	7.47Y	124.5	0.02	1.55	31.43	4	231	40	99	0.05	0.0	2.113	0.036	0	0	0	39
		B		7.45Y	124.2	0.01	1.78	58.55	8	430	73	99					0	0	0	76
		C		7.49Y	124.8	-0.01	1.17	7.63	1	56	10	99					0	0	0	13
PL.9944	PL.18747	A	336ACSR	7.47Y	124.4	0.03	1.57	31.43	4	231	40	99	0.09	0.0	2.176	0.062	0	0	0	39
		B		7.45Y	124.2	0.02	1.80	57.74	8	424	72	99					0	0	0	75
		C		7.49Y	124.8	-0.01	1.15	7.63	1	56	10	99					0	0	0	13
PL.17483	PL.9944	A	4ACSR	7.47Y	124.4	0.00	1.57	0.64	0	5	1	98	0.00	0.0	2.181	0.005	0	0	0	1
PD.1805	PL.17483	A	fuse6AMP	7.47Y	124.4	0.00	1.57	0.64	11	5	1	98	0.00	0.0	2.181	0.000	0	0	0	1
PL.17484	PD.1805	A	4ACSR	7.47Y	124.4	0.00	1.58	0.64	0	5	1	98	0.00	0.0	2.209	0.029	0	0	0	1
019360	PL.17484	A	Consumer	7.47Y	124.4	0.00	1.58	0.64	0	5	1	98	0.00	0.0	2.209	0.000	5	1	1	1
PL.9945	PL.9944	A	336ACSR	7.46Y	124.4	0.01	1.59	30.79	4	226	39	99	0.04	0.0	2.205	0.029	0	0	0	37
		B		7.45Y	124.2	0.01	1.81	57.74	8	424	71	99					0	0	0	75
		C		7.49Y	124.9	-0.01	1.15	7.63	1	56	10	99					0	0	0	13
PL.18640	PL.9945	B	4ACSR	7.45Y	124.2	0.00	1.81	1.12	1	8	1	99	0.00	0.0	2.210	0.005	0	0	0	1
PD.1804	PL.18640	B	fuse6AMP	7.45Y	124.2	0.00	1.81	1.12	19	8	1	99	0.00	0.0	2.210	0.000	0	0	0	1
PL.18641	PD.1804	B	4ACSR	7.45Y	124.2	0.00	1.82	1.12	1	8	1	99	0.00	0.0	2.271	0.061	0	0	0	1
019370	PL.18641	B	Consumer	7.45Y	124.2	0.00	1.82	1.12	0	8	1	99	0.00	0.0	2.271	0.000	8	1	1	1
PL.9946	PL.9945	A	336ACSR	7.46Y	124.4	0.04	1.63	30.79	4	226	39	99	0.11	0.0	2.286	0.081	0	0	0	37
		B		7.45Y	124.2	0.03	1.84	56.62	8	416	70	99					0	0	0	74
		C		7.49Y	124.9	-0.02	1.13	7.63	1	56	10	99					0	0	0	13
019305	PL.9946	A	Consumer	7.46Y	124.4	0.00	1.63	0.00	0	0	0	100	0.00	0.0	2.286	0.000	0	0	0	0
PL.4862	PL.9946	A	336ACSR	7.46Y	124.3	0.03	1.66	30.79	4	226	39	99	0.10	0.0	2.362	0.076	0	0	0	37
		B		7.45Y	124.1	0.03	1.87	56.62	8	416	70	99					0	0	0	74
		C		7.49Y	124.9	-0.02	1.11	7.63	1	56	10	99					0	0	0	13
PL.18838	PL.4862	C	4ACSR	7.49Y	124.9	0.00	1.11	1.35	1	10	2	98	0.00	0.0	2.368	0.006	0	0	0	4
PD.1807	PL.18838	C	fuse6AMP	7.49Y	124.9	0.00	1.11	1.35	23	10	2	98	0.00	0.0	2.368	0.000	0	0	0	4
PL.18839	PD.1807	C	4ACSR	7.49Y	124.9	0.00	1.11	1.35	1	10	2	98	0.00	0.0	2.382	0.013	0	0	0	4
019343	PL.18839	C	Consumer	7.49Y	124.9	0.00	1.11	0.19	0	1	0	100	0.00	0.0	2.382	0.000	1	0	1	1
019314	PL.18839	C	Consumer	7.49Y	124.9	0.00	1.11	0.00	0	0	0	100	0.00	0.0	2.382	0.000	0	0	1	1
PL.9947	PL.18839	C	4ACSR	7.49Y	124.9	0.00	1.12	1.16	1	9	1	99	0.00	0.0	2.400	0.018	0	0	0	2
PL.1562	PL.9947	C	4ACSR	7.49Y	124.9	0.00	1.12	0.34	0	3	0	100	0.00	0.0	2.433	0.033	0	0	0	1
PL.1563	PL.1562	C	4ACSR	7.49Y	124.9	0.00	1.12	0.34	0	3	0	100	0.00	0.0	2.463	0.030	0	0	0	1
PL.1564	PL.1563	C	4ACSR	7.49Y	124.9	0.00	1.12	0.34	0	3	0	100	0.00	0.0	2.491	0.028	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 018374, PL.39127, 0183135, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.3365	PL.45244	A	35V4E	7.44Y	124.1	0.00	1.92	10.09	29	74	12	99	0.00	0.0	2.988	0.000	0	0	0	13
PL.45245	PD.3365	A	4ACSR	7.44Y	124.0	0.03	1.95	10.09	5	74	12	99	0.02	0.0	3.057	0.069	0	0	0	13
019271	PL.45245	A	Consumer	7.44Y	124.0	0.00	1.95	0.00	0	0	0	100	0.00	0.0	3.057	0.000	0	0	0	0
019270	PL.45245	A	Consumer	7.44Y	124.0	0.00	1.95	0.88	0	6	1	99	0.00	0.0	3.057	0.000	6	1	1	1
PL.11775	PL.45245	A	4ACSR	7.44Y	124.0	0.03	1.98	9.22	5	68	11	99	0.01	0.0	3.123	0.066	0	0	0	12
PL.45169	PL.11775	A	4ACSR	7.44Y	124.0	0.00	1.98	4.43	2	33	5	99	0.00	0.0	3.130	0.006	0	0	0	6
PD.8600-A	PL.45169	A	Closed	7.44Y	124.0	0.00	1.98	4.43	0	33	5	99	0.00	0.0	3.130	0.000	0	0	0	6
PD.8600-B	PD.8600-A	A	Closed	7.44Y	124.0	0.00	1.98	4.43	0	33	5	99	0.00	0.0	3.130	0.000	0	0	0	6
PL.45170	PD.8600-B	A	4ACSR	7.44Y	124.0	0.01	1.99	4.43	2	33	5	99	0.00	0.0	3.176	0.046	0	0	0	6
PL.5760	PL.45170	A	4ACSR	7.44Y	124.0	0.01	1.99	4.43	2	33	5	99	0.00	0.0	3.211	0.035	0	0	0	6
019248	PL.5760	A	Consumer	7.44Y	124.0	0.00	1.99	0.80	0	6	1	99	0.00	0.0	3.211	0.000	6	1	1	1
019261	PL.5760	A	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	3.211	0.000	0	0	0	0
019211	019261	A	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	3.211	0.000	0	0	0	0
019214	019261	A	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	3.211	0.000	0	0	0	0
019227	PL.5760	A	Consumer	7.44Y	124.0	0.00	1.99	0.23	0	2	0	100	0.00	0.0	3.211	0.000	2	0	1	1
PL.28092	PL.5760	A	4ACSR	7.44Y	124.0	0.01	2.00	3.41	2	25	4	99	0.00	0.0	3.263	0.052	0	0	0	4
PD.1913	PL.28092	A	fuse6AMP	7.44Y	124.0	0.00	2.00	3.41	58	25	4	99	0.00	0.0	3.263	0.000	0	0	0	4
PL.28093	PD.1913	A	4ACSR	7.44Y	124.0	0.00	2.00	3.41	2	25	4	99	0.00	0.0	3.274	0.011	0	0	0	4
019240	PL.28093	A	Consumer	7.44Y	124.0	0.00	2.00	0.03	0	0	0	100	0.00	0.0	3.274	0.000	0	0	1	1
PL.19069	PL.28093	A	4ACSR	7.44Y	124.0	0.01	2.01	3.37	2	25	4	99	0.00	0.0	3.330	0.056	0	0	0	3
PL.19070	PL.19069	A	4ACSR	7.44Y	124.0	0.00	2.02	3.37	2	25	4	99	0.00	0.0	3.364	0.033	0	0	0	3
PL.17482	PL.19070	A	4ACSR	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	3.373	0.010	0	0	0	0
PD.152-B	PL.17482	A	Open	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	3.373	0.000	0	0	0	0
PL.45246	PL.19070	A	4ACSR	7.44Y	124.0	0.00	2.02	1.28	1	9	2	98	0.00	0.0	3.376	0.013	0	0	0	1
PD.8630	PL.45246	A	fuse6AMP	7.44Y	124.0	0.00	2.02	1.28	22	9	2	98	0.00	0.0	3.376	0.000	0	0	0	1
PL.45247	PD.8630	A	4ACSR	7.44Y	124.0	0.00	2.02	1.28	1	9	2	98	0.00	0.0	3.394	0.018	0	0	0	1
PL.4633	PL.45247	A	4ACSR	7.44Y	124.0	0.00	2.02	1.28	1	9	2	98	0.00	0.0	3.415	0.021	0	0	0	1
070249	PL.4633	A	Consumer	7.44Y	124.0	0.00	2.02	1.28	0	9	2	98	0.00	0.0	3.415	0.000	9	2	1	1
070248	PL.4633	A	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	3.415	0.000	0	0	0	0
019216	PL.19070	A	Consumer	7.44Y	124.0	0.00	2.02	1.51	0	11	2	98	0.00	0.0	3.364	0.000	11	2	1	1
019250	PL.19070	A	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	3.364	0.000	0	0	0	0
019224	PL.19070	A	Consumer	7.44Y	124.0	0.00	2.02	0.58	0	4	1	97	0.00	0.0	3.364	0.000	4	1	1	1
019220	PL.19069	A	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.330	0.000	0	0	0	0
019268	PL.11775	A	Consumer	7.44Y	124.0	0.00	1.98	0.76	0	6	1	99	0.00	0.0	3.123	0.000	6	1	1	1
PL.45171	PL.11775	A	4ACSR	7.44Y	124.0	0.00	1.98	4.02	2	30	5	99	0.00	0.0	3.135	0.012	0	0	0	5
PD.8601	PL.45171	A	fuse6AMP	7.44Y	124.0	0.00	1.98	4.02	69	30	5	99	0.00	0.0	3.135	0.000	0	0	0	5
PL.45172	PD.8601	A	4ACSR	7.44Y	124.0	0.00	1.98	4.02	2	30	5	99	0.00	0.0	3.164	0.028	0	0	0	5
PL.24537	PL.45172	A	4ACSR	7.44Y	124.0	0.01	1.99	4.02	2	30	5	99	0.00	0.0	3.210	0.046	0	0	0	5

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
019231	PL.24537	A	Consumer	7.44Y	124.0	0.00	1.99	0.55	0	4	1	97	0.00	0.0	3.210	0.000	4	1	1	1
019222	PL.24537	A	Consumer	7.44Y	124.0	0.00	1.99	0.46	0	3	1	95	0.00	0.0	3.210	0.000	3	1	1	1
019260	PL.24537	A	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	3.210	0.000	0	0	0	0
019226	PL.24537	A	Consumer	7.44Y	124.0	0.00	1.99	0.35	0	3	0	100	0.00	0.0	3.210	0.000	3	0	1	1
019234	PL.24537	A	Consumer	7.44Y	124.0	0.00	1.99	0.55	0	4	1	97	0.00	0.0	3.210	0.000	4	1	1	1
019221	PL.24537	A	Consumer	7.44Y	124.0	0.00	1.99	2.11	0	15	2	99	0.00	0.0	3.210	0.000	15	2	1	1
PL.17418	PL.71	A	336ACSR	7.44Y	124.1	0.00	1.92	15.45	2	114	18	99	0.01	0.0	2.989	0.009	0	0	0	16
		B		7.44Y	123.9	0.00	2.06	42.70	6	313	51	99					0	0	0	53
		C		7.50Y	125.0	-0.00	0.99	4.60	1	34	6	99					0	0	0	6
PL.18301	PL.17418	A	336ACSR	7.44Y	124.1	0.02	1.94	15.45	2	114	18	99	0.04	0.0	3.052	0.062	0	0	0	16
		B		7.44Y	123.9	0.02	2.07	42.70	6	313	51	99					0	0	0	53
		C		7.50Y	125.0	-0.01	0.98	4.60	1	34	6	99					0	0	0	6
PD.148-A	PL.18301	A	Closed	7.44Y	124.1	0.00	1.94	15.45	0	114	18	99	0.00	0.0	3.052	0.000	0	0	0	16
		B		7.44Y	123.9	0.00	2.07	42.70	0	313	51	99					0	0	0	53
		C		7.50Y	125.0	0.00	0.98	4.60	0	34	6	99					0	0	0	6
PD.148-B	PD.148-A	A	Closed	7.44Y	124.1	0.00	1.94	15.45	0	114	18	99	0.00	0.0	3.052	0.000	0	0	0	16
		B		7.44Y	123.9	0.00	2.07	42.70	0	313	51	99					0	0	0	53
		C		7.50Y	125.0	0.00	0.98	4.60	0	34	6	99					0	0	0	6
PL.18302	PD.148-B	A	336ACSR	7.44Y	124.1	0.00	1.94	15.45	2	114	18	99	0.00	0.0	3.055	0.004	0	0	0	16
		B		7.44Y	123.9	0.00	2.08	42.70	6	313	51	99					0	0	0	53
		C		7.50Y	125.0	-0.00	0.98	4.60	1	34	6	99					0	0	0	6
0192107	PL.18302	B	Consumer	7.44Y	123.9	0.00	2.08	1.04	0	8	1	99	0.00	0.0	3.055	0.000	8	1	1	1
PL.6095	PL.18302	A	336ACSR	7.44Y	124.0	0.02	1.96	15.45	2	114	18	99	0.05	0.0	3.130	0.075	0	0	0	16
		B		7.43Y	123.9	0.02	2.10	41.66	6	306	50	99					0	0	0	52
		C		7.50Y	125.0	-0.01	0.96	4.60	1	34	6	99					0	0	0	6
PL.11773	PL.6095	A	336ACSR	7.44Y	124.0	0.00	1.96	15.45	2	114	18	99	0.00	0.0	3.137	0.007	0	0	0	16
		B		7.43Y	123.9	0.00	2.10	41.66	6	306	50	99					0	0	0	52
		C		7.50Y	125.0	-0.00	0.96	4.60	1	34	6	99					0	0	0	6
PL.11774	PL.11773	A	336ACSR	7.44Y	124.0	0.06	2.02	15.45	2	114	18	99	0.14	0.0	3.347	0.210	0	0	0	16
		B		7.43Y	123.8	0.06	2.16	41.66	6	306	50	99					0	0	0	52
		C		7.50Y	125.1	-0.04	0.92	4.60	1	34	6	99					0	0	0	6
PL.8148	PL.11774	A	336ACSR	7.44Y	124.0	0.02	2.03	15.45	2	114	18	99	0.04	0.0	3.410	0.063	0	0	0	16
		B		7.43Y	123.8	0.02	2.18	41.25	6	303	49	99					0	0	0	51
		C		7.51Y	125.1	-0.01	0.91	4.60	1	34	6	99					0	0	0	6
PL.11767	PL.8148	A	336ACSR	7.44Y	124.0	0.01	2.04	15.45	2	114	18	99	0.02	0.0	3.440	0.030	0	0	0	16
		B		7.43Y	123.8	0.01	2.19	41.25	6	302	49	99					0	0	0	51
		C		7.51Y	125.1	-0.01	0.90	1.65	0	12	2	98					0	0	0	3
070240	PL.11767	C	Consumer	7.51Y	125.1	0.00	0.90	0.16	0	1	1	71	0.00	0.0	3.440	0.000	1	1	1	1
PL.11768	PL.11767	A	336ACSR	7.44Y	123.9	0.01	2.05	15.45	2	113	18	99	0.02	0.0	3.472	0.031	0	0	0	16
		B		7.43Y	123.8	0.01	2.20	41.25	6	302	49	99					0	0	0	51
		C		7.51Y	125.1	-0.01	0.90	1.50	0	11	2	99					0	0	0	2
PL.27068	PL.11768	C	4ACSR	7.51Y	125.1	0.00	0.90	1.50	1	11	2	98	0.00	0.0	3.477	0.006	0	0	0	2
PD.3266	PL.27068	C	fuse6AMP	7.51Y	125.1	0.00	0.90	1.50	26	11	2	98	0.00	0.0	3.477	0.000	0	0	0	2
PL.27069	PD.3266	C	4ACSR	7.51Y	125.1	0.00	0.90	1.50	1	11	2	98	0.00	0.0	3.527	0.050	0	0	0	2
070259	PL.27069	C	Consumer	7.51Y	125.1	0.00	0.90	0.32	0	2	0	100	0.00	0.0	3.527	0.000	2	0	1	1
PL.11771	PL.27069	C	4ACSR	7.51Y	125.1	0.00	0.90	1.17	1	9	1	99	0.00	0.0	3.623	0.096	0	0	0	1
070260	PL.11771	C	Consumer	7.51Y	125.1	0.00	0.90	1.17	0	9	1	99	0.00	0.0	3.623	0.000	9	1	1	1
PL.11766	PL.11768	A	336ACSR	7.44Y	123.9	0.01	2.06	15.45	2	113	18	99	0.03	0.0	3.511	0.040	0	0	0	16
		B		7.43Y	123.8	0.01	2.21	41.25	6	302	49	99					0	0	0	51
		C		7.51Y	125.1	-0.01	0.89	0.00	0	0	0	100					0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.27060	PL.11766	A	336ACSR	7.44Y	123.9	0.00	2.06	15.45	2	113	18	99	0.00	0.0	3.516	0.004	0	0	0	16
		B		7.43Y	123.8	0.00	2.21	13.57	2	100	16	99					0	0	0	21
		C		7.51Y	125.1	-0.00	0.89	0.00	0	0	0	100					0	0	0	0
PL.42165	PL.27060	A	336ACSR	7.43Y	123.9	0.02	2.08	15.45	2	113	18	99	0.01	0.0	3.617	0.102	0	0	0	16
		B		7.43Y	123.8	0.00	2.21	13.57	2	100	16	99					0	0	0	21
		C		7.51Y	125.1	-0.00	0.88	0.00	0	0	0	100					0	0	0	0
PL.42166	PL.42165	A	336ACSR	7.43Y	123.9	-0.00	2.08	0.51	0	4	1	97	0.00	0.0	3.618	0.001	0	0	0	1
		B		7.43Y	123.8	0.00	2.21	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.1	0.00	0.88	0.00	0	0	0	100					0	0	0	0
PL.4774	PL.42166	A	4ACSR	7.43Y	123.9	0.00	2.09	0.51	0	4	1	97	0.00	0.0	3.666	0.048	0	0	0	1
070267	PL.4774	A	Consumer	7.43Y	123.9	0.00	2.09	0.51	0	4	1	97	0.00	0.0	3.666	0.000	4	1	1	1
070265	PL.4774	A	Consumer	7.43Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	3.666	0.000	0	0	0	0
PL.4775	PL.42166	A	4ACSR	7.43Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	3.686	0.068	0	0	0	0
070216	PL.4775	A	Consumer	7.43Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	3.686	0.000	0	0	0	0
PL.42164	PL.42165	A	336ACSR	7.43Y	123.9	0.01	2.10	14.94	2	110	17	99	0.01	0.0	3.677	0.060	0	0	0	15
		B		7.43Y	123.8	0.00	2.21	13.57	2	100	16	99					0	0	0	21
		C		7.51Y	125.1	-0.00	0.88	0.00	0	0	0	100					0	0	0	0
PL.27054	PL.42164	A	4ACSR	7.43Y	123.9	0.00	2.10	14.94	8	110	17	99	0.00	0.0	3.683	0.006	0	0	0	15
PL.27055	PL.27054	A	4ACSR	7.43Y	123.9	0.01	2.11	14.94	8	110	17	99	0.01	0.0	3.694	0.011	0	0	0	15
070213	PL.27055	A	Consumer	7.43Y	123.9	0.00	2.11	0.44	0	3	1	95	0.00	0.0	3.694	0.000	3	1	1	1
070269	PL.27055	A	Consumer	7.43Y	123.9	0.00	2.11	0.45	0	3	1	95	0.00	0.0	3.694	0.000	3	1	1	1
PL.11407	PL.27055	A	4ACSR	7.43Y	123.9	0.01	2.12	14.05	7	103	16	99	0.01	0.0	3.710	0.016	0	0	0	13
PL.15950	PL.11407	A	4ACSR	7.43Y	123.9	0.00	2.12	0.55	0	4	1	97	0.00	0.0	3.715	0.005	0	0	0	1
PD.3278	PL.15950	A	fuse6AMP	7.43Y	123.9	0.00	2.12	0.55	9	4	1	97	0.00	0.0	3.715	0.000	0	0	0	1
PL.15951	PD.3278	A	4ACSR	7.43Y	123.9	0.00	2.12	0.55	0	4	1	97	0.00	0.0	3.762	0.047	0	0	0	1
070214	PL.15951	A	Consumer	7.43Y	123.9	0.00	2.12	0.55	0	4	1	97	0.00	0.0	3.762	0.000	4	1	1	1
PL.15948	PL.11407	A	4ACSR	7.43Y	123.9	0.00	2.12	0.75	0	6	1	99	0.00	0.0	3.715	0.005	0	0	0	1
PD.3277	PL.15948	A	fuse6AMP	7.43Y	123.9	0.00	2.12	0.75	13	6	1	99	0.00	0.0	3.715	0.000	0	0	0	1
PL.15949	PD.3277	A	4ACSR	7.43Y	123.9	0.00	2.12	0.75	0	6	1	99	0.00	0.0	3.770	0.054	0	0	0	1
070223	PL.15949	A	Consumer	7.43Y	123.9	0.00	2.12	0.75	0	6	1	99	0.00	0.0	3.770	0.000	6	1	1	1
070251	PL.15949	A	Consumer	7.43Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	3.770	0.000	0	0	0	0
PL.15952	PL.11407	A	4ACSR	7.43Y	123.9	0.00	2.12	12.76	7	94	15	99	0.00	0.0	3.715	0.006	0	0	0	11
PD.3422	PL.15952	A	25V4E	7.43Y	123.9	0.00	2.12	12.76	51	94	15	99	0.00	0.0	3.715	0.000	0	0	0	11
PL.15953	PD.3422	A	4ACSR	7.43Y	123.9	0.00	2.12	12.76	7	94	15	99	0.00	0.0	3.723	0.008	0	0	0	11
070221	PL.15953	A	Consumer	7.43Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	3.723	0.000	0	0	0	0
070231	PL.15953	A	Consumer	7.43Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	3.723	0.000	0	0	0	0
PL.12059	PL.15953	A	4ACSR	7.43Y	123.9	0.02	2.14	12.76	7	94	15	99	0.01	0.0	3.759	0.036	0	0	0	11
PL.12060	PL.12059	A	4ACSR	7.43Y	123.8	0.02	2.16	12.76	7	94	15	99	0.01	0.0	3.787	0.028	0	0	0	11
PL.12061	PL.12060	A	4ACSR	7.43Y	123.8	0.02	2.18	12.76	7	94	15	99	0.01	0.0	3.823	0.036	0	0	0	11
019259	PL.12061	A	Consumer	7.43Y	123.8	0.00	2.18	0.88	0	6	1	99	0.00	0.0	3.823	0.000	6	1	1	1
019243	PL.12061	A	Consumer	7.43Y	123.8	0.00	2.18	0.20	0	1	0	100	0.00	0.0	3.823	0.000	1	0	1	1
019269	PL.12061	A	Consumer	7.43Y	123.8	0.00	2.18	2.38	0	17	3	98	0.00	0.0	3.823	0.000	17	3	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.27892	PL.12061	A	4ACSR	7.43Y	123.8	0.03	2.21	9.30	5	68	11	99	0.02	0.0	3.909	0.086	0	0	0	8
C PD.1920	PL.27892	A	fuse6AMP	7.43Y	123.8	0.00	2.21	9.30	159	68	11	99	0.00	0.0	3.909	0.000	0	0	0	8 C
PL.27893	PD.1920	A	4ACSR	7.43Y	123.8	0.00	2.21	9.30	5	68	11	99	0.00	0.0	3.914	0.005	0	0	0	8
PL.12062	PL.27893	A	4ACSR	7.43Y	123.8	0.02	2.24	5.87	3	43	7	99	0.01	0.0	4.012	0.098	0	0	0	6
019203	PL.12062	A	Consumer	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	4.012	0.000	0	0	0	0
PL.12063	PL.12062	A	4ACSR	7.42Y	123.7	0.02	2.26	5.87	3	43	7	99	0.01	0.0	4.089	0.077	0	0	0	6
019219	PL.12063	A	Consumer	7.42Y	123.7	0.00	2.26	1.40	0	10	2	98	0.00	0.0	4.089	0.000	10	2	1	1
019262	PL.12063	A	Consumer	7.42Y	123.7	0.00	2.26	0.81	0	6	1	99	0.00	0.0	4.089	0.000	6	1	1	1
019274	PL.12063	A	Consumer	7.42Y	123.7	0.00	2.26	0.00	0	0	0	100	0.00	0.0	4.089	0.000	0	0	0	0
019238	PL.12063	A	Consumer	7.42Y	123.7	0.00	2.26	1.34	0	10	2	98	0.00	0.0	4.089	0.000	10	2	1	1
PL.12064	PL.12063	A	4ACSR	7.42Y	123.7	0.01	2.27	2.32	1	17	2	99	0.00	0.0	4.154	0.065	0	0	0	3
PL.45236	PL.12064	A	4ACSR	7.42Y	123.7	0.00	2.27	0.80	0	6	1	99	0.00	0.0	4.162	0.008	0	0	0	1
PD.8626	PL.45236	A	fuse6AMP	7.42Y	123.7	0.00	2.27	0.80	14	6	1	99	0.00	0.0	4.162	0.000	0	0	0	1
PL.45237	PD.8626	A	4ACSR	7.42Y	123.7	0.00	2.27	0.80	0	6	1	99	0.00	0.0	4.283	0.121	0	0	0	1
PL.1638	PL.45237	A	4ACSR	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.348	0.064	0	0	0	0
PL.46077	PL.1638	A	2ACSR	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.405	0.058	0	0	0	0
0192117	PL.46077	A	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.405	0.000	0	0	0	0
PL.12066	PL.45237	A	4ACSR	7.42Y	123.7	0.01	2.28	0.81	0	6	1	99	0.00	0.0	4.494	0.210	0	0	0	1
PL.43795	PL.12066	A	2ACSR	7.42Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	4.580	0.086	0	0	0	0
0192114	PL.43795	A	Consumer	7.42Y	123.7	0.00	2.28	0.00	0	0	0	100	0.00	0.0	4.580	0.000	0	0	0	0
0192109	PL.12066	A	Consumer	7.42Y	123.7	0.00	2.28	0.81	0	6	1	99	0.00	0.0	4.494	0.000	6	1	1	1
P PL.1637	PL.45237	A	4ACSR	7.42Y	123.7	-0.00	2.27	-0.05	0	0	0	100	0.00	0.0	4.336	0.053	0	0	0	0 P
P PL.43712	PL.1637	A	2ACSR	7.42Y	123.7	-0.00	2.27	-0.05	0	0	0	100	0.00	0.0	4.408	0.072	0	0	0	0 P
P PL.43714	PL.43712	A	1/0EPRJCN	7.42Y	123.7	-0.00	2.27	-0.05	0	0	0	100	0.00	0.0	4.437	0.029	0	0	0	0 P
P PL.43715	PL.43714	A	1/0EPRJCN	7.42Y	123.7	-0.00	2.27	-0.03	0	0	0	100	0.00	0.0	4.493	0.056	0	0	0	0 P
0192118	PL.43715	A	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.493	0.000	0	0	0	0
0192115	PL.43715	A	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.493	0.000	0	0	0	0
0192113	PL.43714	A	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.437	0.000	0	0	0	0
PL.45234	PL.12064	A	4ACSR	7.42Y	123.7	0.00	2.27	1.52	1	11	2	98	0.00	0.0	4.159	0.005	0	0	0	2
PD.8625-A	PL.45234	A	Closed	7.42Y	123.7	0.00	2.27	1.52	0	11	2	98	0.00	0.0	4.159	0.000	0	0	0	2
PD.8625-B	PD.8625-A	A	Closed	7.42Y	123.7	0.00	2.27	1.52	0	11	2	98	0.00	0.0	4.159	0.000	0	0	0	2
PL.45235	PD.8625-B	A	4ACSR	7.42Y	123.7	0.00	2.27	1.52	1	11	2	98	0.00	0.0	4.214	0.055	0	0	0	2
PL.11286	PL.45235	A	4ACSR	7.42Y	123.7	0.00	2.27	0.33	0	2	0	100	0.00	0.0	4.257	0.043	0	0	0	1
0192110	PL.11286	A	Consumer	7.42Y	123.7	0.00	2.27	0.33	0	2	0	100	0.00	0.0	4.257	0.000	2	0	1	1
PL.11287	PL.11286	A	4ACSR	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.350	0.092	0	0	0	0
019236	PL.11287	A	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.350	0.000	0	0	0	0
019201	PL.11287	A	Consumer	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.350	0.000	0	0	0	0
PL.11288	PL.11287	A	4ACSR	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.763	0.413	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.16684	PL.11288	A	4ACSR	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.768	0.005	0	0	0	0
PD.153-A	PL.16684	A	Open	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.768	0.000	0	0	0	0
PL.11289	PL.11288	A	4ACSR	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.809	0.045	0	0	0	0
PL.11290	PL.11289	A	4ACSR	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	5.088	0.279	0	0	0	0
PL.1539	PL.11290	A	4ACSR	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	5.158	0.070	0	0	0	0
PL.11291	PL.11290	A	4ACSR	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	5.182	0.094	0	0	0	0
PL.1538	PL.11288	A	4ACSR	7.42Y	123.7	0.00	2.27	0.00	0	0	0	100	0.00	0.0	4.880	0.117	0	0	0	0
0192111	PL.45235	A	Consumer	7.42Y	123.7	0.00	2.27	1.20	0	9	1	99	0.00	0.0	4.214	0.000	9	1	1	1
PL.20467	PL.27893	A	4ACSR	7.43Y	123.8	0.00	2.22	3.43	2	25	4	99	0.00	0.0	3.920	0.006	0	0	0	2
PD.1919	PL.20467	A	fuse6AMP	7.43Y	123.8	0.00	2.22	3.43	59	25	4	99	0.00	0.0	3.920	0.000	0	0	0	2
PL.20468	PD.1919	A	4ACSR	7.43Y	123.8	0.01	2.22	3.43	2	25	4	99	0.00	0.0	3.969	0.050	0	0	0	2
0192108	PL.20468	A	Consumer	7.43Y	123.8	0.00	2.22	1.37	0	10	2	98	0.00	0.0	3.969	0.000	10	2	1	1
019258	PL.20468	A	Consumer	7.43Y	123.8	0.00	2.22	2.06	0	15	2	99	0.00	0.0	3.969	0.000	15	2	1	1
PL.1639	PL.27893	A	4ACSR	7.43Y	123.8	0.00	2.21	0.00	0	0	0	100	0.00	0.0	3.936	0.022	0	0	0	0
019267	PL.1639	A	Consumer	7.43Y	123.8	0.00	2.21	0.00	0	0	0	100	0.00	0.0	3.936	0.000	0	0	0	0
PL.8147	PL.42164	B	4ACSR	7.42Y	123.7	0.06	2.27	13.57	7	100	16	99	0.04	0.0	3.774	0.097	0	0	0	21
070206	PL.8147	B	Consumer	7.42Y	123.7	0.00	2.27	0.63	0	5	1	98	0.00	0.0	3.774	0.000	5	1	1	1
PL.12057	PL.8147	B	4ACSR	7.42Y	123.7	0.03	2.30	12.95	7	95	15	99	0.02	0.0	3.828	0.054	0	0	0	20
PL.12058	PL.12057	B	4ACSR	7.42Y	123.7	0.05	2.35	11.98	6	88	14	99	0.03	0.0	3.924	0.096	0	0	0	18
PL.8145	PL.12058	B	4ACSR	7.42Y	123.6	0.01	2.36	5.65	3	41	7	99	0.00	0.0	3.961	0.037	0	0	0	11
070224	PL.8145	B	Consumer	7.42Y	123.6	0.00	2.36	0.39	0	3	0	100	0.00	0.0	3.961	0.000	3	0	1	1
PL.27058	PL.8145	B	4ACSR	7.42Y	123.6	0.00	2.36	5.25	3	38	6	99	0.00	0.0	3.967	0.005	0	0	0	10
PD.3280-A	PL.27058	B	Closed	7.42Y	123.6	0.00	2.36	5.25	0	38	6	99	0.00	0.0	3.967	0.000	0	0	0	10
PD.3280-B	PD.3280-A	B	Closed	7.42Y	123.6	0.00	2.36	5.25	0	38	6	99	0.00	0.0	3.967	0.000	0	0	0	10
PL.27059	PD.3280-B	B	4ACSR	7.42Y	123.6	0.00	2.36	5.25	3	38	6	99	0.00	0.0	3.974	0.008	0	0	0	10
070261	PL.27059	B	Consumer	7.42Y	123.6	0.00	2.36	0.63	0	5	1	98	0.00	0.0	3.974	0.000	5	1	1	1
PL.8158	PL.27059	B	4ACSR	7.42Y	123.6	0.01	2.37	4.63	2	34	5	99	0.00	0.0	4.006	0.032	0	0	0	9
070232	PL.8158	B	Consumer	7.42Y	123.6	0.00	2.37	0.05	0	0	0	100	0.00	0.0	4.006	0.000	0	0	1	1
070229	PL.8158	B	Consumer	7.42Y	123.6	0.00	2.37	0.47	0	3	1	95	0.00	0.0	4.006	0.000	3	1	1	1
070220	PL.8158	B	Consumer	7.42Y	123.6	0.00	2.37	0.42	0	3	0	100	0.00	0.0	4.006	0.000	3	0	1	1
070242	PL.8158	B	Consumer	7.42Y	123.6	0.00	2.37	0.68	0	5	1	98	0.00	0.0	4.006	0.000	5	1	1	1
070241	PL.8158	B	Consumer	7.42Y	123.6	0.00	2.37	0.50	0	4	1	97	0.00	0.0	4.006	0.000	4	1	1	1
PL.34642	PL.8158	B	4ACSR	7.42Y	123.6	0.00	2.37	2.50	1	18	3	99	0.00	0.0	4.025	0.019	0	0	0	4
PD.4902	PL.34642	B	fuse6AMP	7.42Y	123.6	0.00	2.37	2.50	43	18	3	99	0.00	0.0	4.025	0.000	0	0	0	4
PL.34643	PD.4902	B	4ACSR	7.42Y	123.6	0.00	2.37	2.50	1	18	3	99	0.00	0.0	4.047	0.022	0	0	0	4
PL.43255	PL.34643	B	4ACSR	7.42Y	123.6	0.00	2.38	2.50	1	18	3	99	0.00	0.0	4.077	0.030	0	0	0	4
PL.43254	PL.43255	B	4ACSR	7.42Y	123.6	0.00	2.38	2.35	1	17	3	98	0.00	0.0	4.104	0.027	0	0	0	3
PL.4634	PL.43254	B	4ACSR	7.42Y	123.6	0.00	2.38	2.35	1	17	3	98	0.00	0.0	4.147	0.043	0	0	0	3

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
070250	PL.4634	B	Consumer	7.42Y	123.6	0.00	2.38	0.37	0	3	0	100	0.00	0.0	4.147	0.000	3	0	1	1
070247	PL.4634	B	Consumer	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	4.147	0.000	0	0	0	0
070238	PL.4634	B	Consumer	7.42Y	123.6	0.00	2.38	0.51	0	4	1	97	0.00	0.0	4.147	0.000	4	1	1	1
PL.4780	PL.4634	B	4ACSR	7.42Y	123.6	0.01	2.39	1.47	1	11	2	98	0.00	0.0	4.239	0.092	0	0	0	1
070270	PL.4780	B	Consumer	7.42Y	123.6	0.00	2.39	1.47	0	11	2	98	0.00	0.0	4.239	0.000	11	2	1	1
0702071	PL.43255	B	Consumer	7.42Y	123.6	0.00	2.38	0.16	0	1	0	100	0.00	0.0	4.077	0.000	1	0	1	1
0702079	PL.34643	B	Consumer	7.42Y	123.6	0.00	2.37	0.00	0	0	0	100	0.00	0.0	4.047	0.000	0	0	0	0
070245	PL.12058	B	Consumer	7.42Y	123.7	0.00	2.35	0.00	0	0	0	100	0.00	0.0	3.924	0.000	0	0	0	0
070244	PL.12058	B	Consumer	7.42Y	123.7	0.00	2.35	0.57	0	4	1	97	0.00	0.0	3.924	0.000	4	1	1	1
070246	PL.12058	B	Consumer	7.42Y	123.7	0.00	2.35	1.63	0	12	2	99	0.00	0.0	3.924	0.000	12	2	1	1
PL.8159	PL.12058	B	4ACSR	7.42Y	123.6	0.01	2.36	4.13	2	30	5	99	0.00	0.0	3.970	0.046	0	0	0	5
PL.8160	PL.8159	B	4ACSR	7.42Y	123.6	0.01	2.36	4.13	2	30	5	99	0.00	0.0	4.002	0.032	0	0	0	5
070234	PL.8160	B	Consumer	7.42Y	123.6	0.00	2.36	0.40	0	3	0	100	0.00	0.0	4.002	0.000	3	0	1	1
PL.8151	PL.8160	B	4ACSR	7.42Y	123.6	0.01	2.37	3.73	2	27	4	99	0.00	0.0	4.061	0.059	0	0	0	4
PL.8152	PL.8151	B	4ACSR	7.42Y	123.6	0.01	2.38	2.51	1	18	3	99	0.00	0.0	4.137	0.077	0	0	0	3
PL.8146	PL.8152	B	4ACSR	7.42Y	123.6	0.00	2.38	0.36	0	3	0	100	0.00	0.0	4.262	0.125	0	0	0	1
070254	PL.8146	B	Consumer	7.42Y	123.6	0.00	2.38	0.36	0	3	0	100	0.00	0.0	4.262	0.000	3	0	1	1
PL.40412	PL.8152	B	2ACSR	7.42Y	123.6	0.00	2.38	2.15	1	16	3	98	0.00	0.0	4.163	0.026	0	0	0	2
070253	PL.40412	B	Consumer	7.42Y	123.6	0.00	2.38	0.40	0	3	0	100	0.00	0.0	4.163	0.000	3	0	1	1
0702077	PL.40412	B	Consumer	7.42Y	123.6	0.00	2.38	1.75	0	13	2	99	0.00	0.0	4.163	0.000	13	2	1	1
070257	PL.8151	B	Consumer	7.42Y	123.6	0.00	2.37	1.22	0	9	1	99	0.00	0.0	4.061	0.000	9	1	1	1
PL.27056	PL.12057	B	4ACSR	7.42Y	123.7	0.00	2.30	0.97	0	7	1	99	0.00	0.0	3.834	0.006	0	0	0	2
PD.3279	PL.27056	B	fuse6AMP	7.42Y	123.7	0.00	2.30	0.97	17	7	1	99	0.00	0.0	3.834	0.000	0	0	0	2
PL.32744	PD.3279	B	4ACSR	7.42Y	123.7	0.00	2.30	0.97	0	7	1	99	0.00	0.0	3.909	0.076	0	0	0	2
070262	PL.32744	B	Consumer	7.42Y	123.7	0.00	2.30	0.95	0	7	1	99	0.00	0.0	3.909	0.000	7	1	1	1
PL.32747	PL.32744	B	4ACSR	7.42Y	123.7	0.00	2.30	0.02	0	0	0	100	0.00	0.0	3.930	0.020	0	0	0	1
PL.32748	PL.32747	B	4ACSR	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	3.952	0.023	0	0	0	0
PL.32746	PL.32747	B	4ACSR	7.42Y	123.7	0.00	2.30	0.02	0	0	0	100	0.00	0.0	3.978	0.048	0	0	0	1
0702075	PL.32746	B	Consumer	7.42Y	123.7	0.00	2.30	0.02	0	0	0	100	0.00	0.0	3.978	0.000	0	0	1	1
PL.27062	PL.11766	B	2ACSR	7.43Y	123.8	0.00	2.21	27.67	11	203	33	99	0.01	0.0	3.517	0.006	0	0	0	30
PL.27063	PL.27062	B	4ACSR	7.43Y	123.8	0.03	2.25	27.67	14	203	33	99	0.05	0.0	3.545	0.028	0	0	0	30
PL.27064	PL.27063	B	4ACSR	7.43Y	123.8	0.00	2.25	1.94	1	14	2	99	0.00	0.0	3.551	0.006	0	0	0	3
PD.3281	PL.27064	B	fuse6AMP	7.43Y	123.8	0.00	2.25	1.94	33	14	2	99	0.00	0.0	3.551	0.000	0	0	0	3
PL.38647	PD.3281	B	4ACSR	7.42Y	123.7	0.00	2.25	1.94	1	14	2	99	0.00	0.0	3.605	0.055	0	0	0	3
PL.38648	PL.38647	B	4ACSR	7.42Y	123.7	0.00	2.26	1.91	1	14	2	99	0.00	0.0	3.630	0.025	0	0	0	2
070225	PL.38648	B	Consumer	7.42Y	123.7	0.00	2.26	0.64	0	5	1	98	0.00	0.0	3.630	0.000	5	1	1	1
0702072	PL.38648	B	Consumer	7.42Y	123.7	0.00	2.26	1.27	0	9	1	99	0.00	0.0	3.630	0.000	9	1	1	1
0702076	PL.38647	B	Consumer	7.42Y	123.7	0.00	2.25	0.03	0	0	0	100	0.00	0.0	3.605	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts						mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss							% Loss	
PL.27066	PL.27063	B	4ACSR	7.42Y	123.7	0.04	2.29	25.73	13	189	31	99	0.06	0.0	3.584	0.039	0	0	0	27
PL.27067	PL.27066	B	4ACSR	7.42Y	123.7	0.01	2.30	25.73	13	189	30	99	0.01	0.0	3.589	0.005	0	0	0	27
C PD.2413	PL.27067	B	fuse6AMP	7.42Y	123.7	0.00	2.30	25.73	440	189	30	99	0.00	0.0	3.589	0.000	0	0	0	27 C
PL.32706	PD.2413	B	4ACSR	7.42Y	123.6	0.12	2.42	25.73	13	189	30	99	0.17	0.1	3.696	0.107	0	0	0	27
PL.32707	PL.32706	B	4ACSR	7.41Y	123.5	0.07	2.49	23.40	12	171	28	99	0.09	0.1	3.765	0.070	0	0	0	25
PD.501-A	PL.32707	B	Closed	7.41Y	123.5	0.00	2.49	23.40	0	171	28	99	0.00	0.0	3.765	0.000	0	0	0	25
PD.501-B	PD.501-A	B	Closed	7.41Y	123.5	0.00	2.49	23.40	0	171	28	99	0.00	0.0	3.765	0.000	0	0	0	25
PL.27077	PD.501-B	B	4ACSR	7.41Y	123.5	0.01	2.49	23.40	12	171	28	99	0.01	0.0	3.771	0.006	0	0	0	25
PL.31890	PL.27077	B	4ACSR	7.41Y	123.5	0.05	2.54	23.40	12	171	28	99	0.06	0.0	3.820	0.049	0	0	0	25
0702074	PL.31890	B	Consumer	7.41Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	3.820	0.000	0	0	0	0
PL.31889	PL.31890	B	4ACSR	7.41Y	123.4	0.03	2.57	23.40	12	171	28	99	0.04	0.0	3.849	0.028	0	0	0	25
PL.11759	PL.31889	B	4ACSR	7.40Y	123.4	0.02	2.59	13.50	7	99	16	99	0.02	0.0	3.888	0.039	0	0	0	14
070233	PL.11759	B	Consumer	7.40Y	123.4	0.00	2.59	0.41	0	3	0	100	0.00	0.0	3.888	0.000	3	0	1	1
PL.45239	PL.11759	B	4ACSR	7.40Y	123.4	0.01	2.60	13.09	7	96	15	99	0.01	0.0	3.900	0.013	0	0	0	13
PD.8627-A	PL.45239	B	Closed	7.40Y	123.4	0.00	2.60	13.09	0	96	15	99	0.00	0.0	3.900	0.000	0	0	0	13
PD.8627-B	PD.8627-A	B	Closed	7.40Y	123.4	0.00	2.60	13.09	0	96	15	99	0.00	0.0	3.900	0.000	0	0	0	13
PL.45238	PD.8627-B	B	4ACSR	7.40Y	123.4	0.02	2.62	13.09	7	96	15	99	0.01	0.0	3.934	0.034	0	0	0	13
PL.11757	PL.45238	B	4ACSR	7.40Y	123.3	0.11	2.73	13.09	7	96	15	99	0.08	0.1	4.136	0.202	0	0	0	13
PL.27079	PL.11757	B	4ACSR	7.40Y	123.3	0.00	2.73	7.52	4	55	9	99	0.00	0.0	4.141	0.005	0	0	0	8
PD.503-A	PL.27079	B	Closed	7.40Y	123.3	0.00	2.73	7.52	0	55	9	99	0.00	0.0	4.141	0.000	0	0	0	8
PD.503-B	PD.503-A	B	Closed	7.40Y	123.3	0.00	2.73	7.52	0	55	9	99	0.00	0.0	4.141	0.000	0	0	0	8
PL.27078	PD.503-B	B	4ACSR	7.39Y	123.2	0.03	2.77	7.52	4	55	9	99	0.01	0.0	4.241	0.100	0	0	0	8
PL.37895	PL.27078	B	4ACSR	7.39Y	123.2	0.00	2.77	4.34	2	32	5	99	0.00	0.0	4.256	0.015	0	0	0	6
PL.37893	PL.37895	B	2ACSR	7.39Y	123.2	0.02	2.79	4.34	2	32	5	99	0.00	0.0	4.394	0.138	0	0	0	6
PL.37896	PL.37893	B	4ACSR	7.39Y	123.2	0.03	2.82	4.34	2	32	5	99	0.01	0.0	4.560	0.167	0	0	0	6
PL.27082	PL.37896	B	4ACSR	7.39Y	123.2	0.00	2.82	0.67	0	5	1	98	0.00	0.0	4.566	0.005	0	0	0	1
PD.2415	PL.27082	B	fuse6AMP	7.39Y	123.2	0.00	2.82	0.67	11	5	1	98	0.00	0.0	4.566	0.000	0	0	0	1
PL.27083	PD.2415	B	4ACSR	7.39Y	123.2	0.00	2.82	0.67	0	5	1	98	0.00	0.0	4.588	0.022	0	0	0	1
071230	PL.27083	B	Consumer	7.39Y	123.2	0.00	2.82	0.67	0	5	1	98	0.00	0.0	4.588	0.000	5	1	1	1
PL.11755	PL.37896	B	4ACSR	7.39Y	123.2	0.01	2.83	3.67	2	27	4	99	0.00	0.0	4.625	0.065	0	0	0	5
071224	PL.11755	B	Consumer	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	4.625	0.000	0	0	1	1
071223	PL.11755	B	Consumer	7.39Y	123.2	0.00	2.83	0.55	0	4	1	97	0.00	0.0	4.625	0.000	4	1	1	1
0712036	PL.11755	B	Consumer	7.39Y	123.2	0.00	2.83	1.03	0	8	1	99	0.00	0.0	4.625	0.000	8	1	1	1
071217	PL.11755	B	Consumer	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	4.625	0.000	0	0	0	0
PL.30814	PL.11755	B	4ACSR	7.39Y	123.2	0.00	2.83	2.08	1	15	2	99	0.00	0.0	4.657	0.032	0	0	0	2
PL.30816	PL.30814	B	4ACSR	7.39Y	123.2	0.00	2.83	2.08	1	15	2	99	0.00	0.0	4.663	0.006	0	0	0	2
PL.30818	PL.30816	B	4ACSR	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	4.753	0.091	0	0	0	0
PD.502-B	PL.30818	B	Open	7.39Y	123.2	0.00	2.83	0.00	0	0	0	100	0.00	0.0	4.753	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.45242	PL.30816	B	4ACSR	7.39Y	123.2	0.00	2.83	2.08	1	15	2	99	0.00	0.0	4.669	0.007	0	0	0	2
PD.8629	PL.45242	B	fuse6AMP	7.39Y	123.2	0.00	2.83	2.08	36	15	2	99	0.00	0.0	4.669	0.000	0	0	0	2
PL.45243	PD.8629	B	4ACSR	7.39Y	123.2	0.00	2.84	2.08	1	15	2	99	0.00	0.0	4.717	0.048	0	0	0	2
071222	PL.45243	B	Consumer	7.39Y	123.2	0.00	2.84	0.43	0	3	0	100	0.00	0.0	4.717	0.000	3	0	1	1
071225	PL.45243	B	Consumer	7.39Y	123.2	0.00	2.84	1.66	0	12	2	99	0.00	0.0	4.717	0.000	12	2	1	1
PL.45240	PL.27078	B	4ACSR	7.39Y	123.2	0.00	2.77	3.18	2	23	4	99	0.00	0.0	4.248	0.007	0	0	0	2
PD.8628	PL.45240	B	fuse6AMP	7.39Y	123.2	0.00	2.77	3.18	54	23	4	99	0.00	0.0	4.248	0.000	0	0	0	2
PL.45241	PD.8628	B	4ACSR	7.39Y	123.2	0.01	2.78	3.18	2	23	4	99	0.00	0.0	4.321	0.073	0	0	0	2
071234	PL.45241	B	Consumer	7.39Y	123.2	0.00	2.78	1.93	0	14	2	99	0.00	0.0	4.321	0.000	14	2	1	1
PL.40818	PL.45241	B	2ACSR	7.39Y	123.2	0.00	2.78	1.25	0	9	1	99	0.00	0.0	4.395	0.074	0	0	0	1
0712038	PL.40818	B	Consumer	7.39Y	123.2	0.00	2.78	1.25	0	9	1	99	0.00	0.0	4.395	0.000	9	1	1	1
071210	PL.11757	B	Consumer	7.40Y	123.3	0.00	2.73	1.57	0	11	2	98	0.00	0.0	4.136	0.000	11	2	1	1
071227	PL.11757	B	Consumer	7.40Y	123.3	0.00	2.73	1.07	0	8	1	99	0.00	0.0	4.136	0.000	8	1	1	1
071235	PL.11757	B	Consumer	7.40Y	123.3	0.00	2.73	0.00	0	0	0	100	0.00	0.0	4.136	0.000	0	0	0	0
071203	PL.11757	B	Consumer	7.40Y	123.3	0.00	2.73	0.73	0	5	1	98	0.00	0.0	4.136	0.000	5	1	1	1
PL.27080	PL.11757	B	4ACSR	7.40Y	123.3	0.00	2.73	2.21	1	16	3	98	0.00	0.0	4.141	0.006	0	0	0	2
PD.2416	PL.27080	B	fuse6AMP	7.40Y	123.3	0.00	2.73	2.21	38	16	3	98	0.00	0.0	4.141	0.000	0	0	0	2
PL.27081	PD.2416	B	4ACSR	7.40Y	123.3	0.01	2.74	2.21	1	16	3	98	0.00	0.0	4.223	0.082	0	0	0	2
PL.8135	PL.27081	B	4ACSR	7.40Y	123.3	0.01	2.75	2.21	1	16	3	98	0.00	0.0	4.287	0.063	0	0	0	2
PL.8136	PL.8135	B	4ACSR	7.39Y	123.2	0.01	2.75	2.21	1	16	3	98	0.00	0.0	4.342	0.056	0	0	0	2
071220	PL.8136	B	Consumer	7.39Y	123.2	0.00	2.75	0.71	0	5	1	98	0.00	0.0	4.342	0.000	5	1	1	1
PL.8137	PL.8136	B	4ACSR	7.39Y	123.2	0.00	2.75	1.50	1	11	2	98	0.00	0.0	4.343	0.000	0	0	0	1
PL.8138	PL.8137	B	4ACSR	7.39Y	123.2	0.00	2.76	1.50	1	11	2	98	0.00	0.0	4.395	0.052	0	0	0	1
PL.24430	PL.8138	B	4ACSR	7.39Y	123.2	0.01	2.76	1.50	1	11	2	98	0.00	0.0	4.483	0.088	0	0	0	1
PL.24431	PL.24430	B	4ACSR	7.39Y	123.2	0.01	2.77	1.50	1	11	2	98	0.00	0.0	4.578	0.095	0	0	0	1
071221	PL.24431	B	Consumer	7.39Y	123.2	0.00	2.77	1.50	0	11	2	98	0.00	0.0	4.578	0.000	11	2	1	1
070237	PL.31889	B	Consumer	7.41Y	123.4	0.00	2.57	0.98	0	7	1	99	0.00	0.0	3.849	0.000	7	1	1	1
070226	PL.31889	B	Consumer	7.41Y	123.4	0.00	2.57	1.26	0	9	1	99	0.00	0.0	3.849	0.000	9	1	1	1
PL.27074	PL.31889	B	4ACSR	7.41Y	123.4	0.00	2.57	7.66	4	56	9	99	0.00	0.0	3.854	0.005	0	0	0	9
C.PD.2414	PL.27074	B	fuse6AMP	7.41Y	123.4	0.00	2.57	7.66	131	56	9	99	0.00	0.0	3.854	0.000	0	0	0	9 C
PL.27075	PD.2414	B	4ACSR	7.40Y	123.4	0.02	2.59	7.66	4	56	9	99	0.01	0.0	3.922	0.068	0	0	0	9
070203	PL.27075	B	Consumer	7.40Y	123.4	0.00	2.59	0.64	0	5	1	98	0.00	0.0	3.922	0.000	5	1	1	1
PL.11761	PL.27075	B	4ACSR	7.40Y	123.4	0.02	2.61	7.02	4	51	8	99	0.01	0.0	3.979	0.057	0	0	0	8
070258	PL.11761	B	Consumer	7.40Y	123.4	0.00	2.61	1.50	0	11	2	98	0.00	0.0	3.979	0.000	11	2	1	1
PL.11762	PL.11761	B	4ACSR	7.40Y	123.4	0.01	2.62	5.53	3	40	6	99	0.00	0.0	4.031	0.052	0	0	0	7
PL.11763	PL.11762	B	4ACSR	7.40Y	123.4	0.00	2.63	4.18	2	31	5	99	0.00	0.0	4.037	0.005	0	0	0	6
PL.11764	PL.11763	B	4ACSR	7.40Y	123.4	0.00	2.63	3.08	2	22	4	98	0.00	0.0	4.064	0.027	0	0	0	4
PL.11765	PL.11764	B	4ACSR	7.40Y	123.4	0.00	2.63	0.53	0	4	1	97	0.00	0.0	4.132	0.069	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
070210	PL.11765	B	Consumer	7.40Y	123.4	0.00	2.63	0.53	0	4	1	97	0.00	0.0	4.132	0.000	4	1	1	1
070256	PL.11764	B	Consumer	7.40Y	123.4	0.00	2.63	1.49	0	11	2	98	0.00	0.0	4.064	0.000	11	2	1	1
070208	PL.11764	B	Consumer	7.40Y	123.4	0.00	2.63	0.59	0	4	1	97	0.00	0.0	4.064	0.000	4	1	1	1
070211	PL.11764	B	Consumer	7.40Y	123.4	0.00	2.63	0.46	0	3	1	95	0.00	0.0	4.064	0.000	3	1	1	1
PL.8142	PL.11763	B	4ACSR	7.40Y	123.4	0.00	2.63	1.10	1	8	1	99	0.00	0.0	4.047	0.010	0	0	0	2
070228	PL.8142	B	Consumer	7.40Y	123.4	0.00	2.63	1.10	0	8	1	99	0.00	0.0	4.047	0.000	8	1	1	1
PL.8161	PL.8142	B	4ACSR	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	4.144	0.097	0	0	0	1
PL.8162	PL.8161	B	4ACSR	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	4.198	0.054	0	0	0	0
070264	PL.8162	B	Consumer	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	4.198	0.000	0	0	0	0
070263	PL.8161	B	Consumer	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	4.144	0.000	0	0	1	1
070218	PL.11762	B	Consumer	7.40Y	123.4	0.00	2.62	1.35	0	10	2	98	0.00	0.0	4.031	0.000	10	2	1	1
PL.32705	PL.32706	B	4ACSR	7.41Y	123.6	0.00	2.42	2.33	1	17	3	98	0.00	0.0	3.734	0.038	0	0	0	2
070274	PL.32705	B	Consumer	7.41Y	123.6	0.00	2.42	1.41	0	10	2	98	0.00	0.0	3.734	0.000	10	2	1	1
0702080	PL.32705	B	Consumer	7.41Y	123.6	0.00	2.42	0.00	0	0	0	100	0.00	0.0	3.734	0.000	0	0	0	0
0702073	PL.32705	B	Consumer	7.41Y	123.6	0.00	2.42	0.92	0	7	1	99	0.00	0.0	3.734	0.000	7	1	1	1
PL.27070	PL.8148	C	4ACSR	7.51Y	125.1	0.00	0.91	2.95	2	22	4	98	0.00	0.0	3.416	0.006	0	0	0	3
PD.2418	PL.27070	C	fuse6AMP	7.51Y	125.1	0.00	0.91	2.95	50	22	4	98	0.00	0.0	3.416	0.000	0	0	0	3
PL.42168	PD.2418	C	4ACSR	7.50Y	125.1	0.02	0.93	2.95	2	22	4	98	0.00	0.0	3.562	0.146	0	0	0	3
PL.42169	PL.42168	C	4ACSR	7.50Y	125.0	0.02	0.95	2.95	2	22	4	98	0.00	0.0	3.759	0.196	0	0	0	3
PL.4778	PL.42169	C	4ACSR	7.50Y	125.0	0.00	0.95	1.26	1	9	1	99	0.00	0.0	3.792	0.034	0	0	0	1
070268	PL.4778	C	Consumer	7.50Y	125.0	0.00	0.95	1.26	0	9	1	99	0.00	0.0	3.792	0.000	9	1	1	1
PL.44662	PL.42169	C	4ACSR	7.50Y	125.0	0.01	0.96	1.69	1	12	2	99	0.00	0.0	3.836	0.077	0	0	0	2
0712039	PL.44662	C	Consumer	7.50Y	125.0	0.00	0.96	1.47	0	11	2	98	0.00	0.0	3.836	0.000	11	2	1	1
PL.44663	PL.44662	C	4ACSR	7.50Y	125.0	0.00	0.96	0.22	0	2	0	100	0.00	0.0	3.885	0.049	0	0	0	1
PL.41310	PL.44663	C	4ACSR	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	3.897	0.012	0	0	0	0
PL.44660	PL.41310	C	4ACSR	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	3.936	0.039	0	0	0	0
0712040	PL.44660	C	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	3.936	0.000	0	0	0	0
PL.44661	PL.44660	C	4ACSR	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	3.973	0.038	0	0	0	0
071233	PL.44663	C	Consumer	7.50Y	125.0	0.00	0.96	0.22	0	2	0	100	0.00	0.0	3.885	0.000	2	0	1	1
PL.42167	PL.42168	C	2ACSR	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	3.750	0.187	0	0	0	0
0702078	PL.42167	C	Consumer	7.50Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	3.750	0.000	0	0	0	0
070201	PL.11774	B	Consumer	7.43Y	123.8	0.00	2.16	0.41	0	3	0	100	0.00	0.0	3.347	0.000	3	0	1	1
PL.27072	PL.11773	A	336ACSR	7.44Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	3.143	0.006	0	0	0	0
		B		7.43Y	123.9	0.00	2.10	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	125.0	0.00	0.96	0.00	0	0	0	100					0	0	0	0
PD.3270	PL.27072	A	fuse6AMP	7.44Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	3.143	0.000	0	0	0	0
		B		7.43Y	123.9	0.00	2.10	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	125.0	0.00	0.96	0.00	0	0	0	100					0	0	0	0
PL.27073	PD.3270	A	336ACSR	7.44Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	3.234	0.091	0	0	0	0
		B		7.43Y	123.9	0.00	2.10	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	125.0	0.00	0.96	0.00	0	0	0	100					0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts						mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss							% Loss	
PL.22770	PL.11403	B	4ACSR	7.44Y	124.0	0.00	2.00	12.60	6	93	15	99	0.00	0.0	2.732	0.009	0	0	0	20
PD.3507	PL.22770	B	35V4E	7.44Y	124.0	0.00	2.00	12.60	36	93	15	99	0.00	0.0	2.732	0.000	0	0	0	20
PL.22771	PD.3507	B	4ACSR	7.44Y	124.0	0.02	2.02	12.60	6	93	15	99	0.01	0.0	2.771	0.038	0	0	0	20
019254	PL.22771	B	Consumer	7.44Y	124.0	0.00	2.02	0.49	0	4	1	97	0.00	0.0	2.771	0.000	4	1	1	1
019244	PL.22771	B	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	2.771	0.000	0	0	1	1
019208	PL.22771	B	Consumer	7.44Y	124.0	0.00	2.02	1.04	0	8	1	99	0.00	0.0	2.771	0.000	8	1	1	1
019272	PL.22771	B	Consumer	7.44Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	2.771	0.000	0	0	0	0
019246	PL.22771	B	Consumer	7.44Y	124.0	0.00	2.02	0.18	0	1	0	100	0.00	0.0	2.771	0.000	1	0	1	1
PL.4858	PL.22771	B	4ACSR	7.44Y	123.9	0.04	2.06	10.90	6	80	13	99	0.03	0.0	2.864	0.094	0	0	0	16
PL.4857	PL.4858	B	4ACSR	7.43Y	123.9	0.04	2.10	9.68	5	71	11	99	0.02	0.0	2.951	0.087	0	0	0	14
PL.11404	PL.4857	B	4ACSR	7.43Y	123.9	0.01	2.10	7.90	4	58	9	99	0.00	0.0	2.972	0.021	0	0	0	10
PL.11405	PL.11404	B	4ACSR	7.43Y	123.9	0.02	2.12	4.04	2	30	5	99	0.00	0.0	3.084	0.112	0	0	0	6
PL.11406	PL.11405	B	4ACSR	7.43Y	123.9	0.00	2.13	0.81	0	6	1	99	0.00	0.0	3.164	0.080	0	0	0	1
PL.17481	PL.11406	B	4ACSR	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	3.211	0.047	0	0	0	0
PD.152-A	PL.17481	B	Open	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	3.211	0.000	0	0	0	0
019257	PL.11406	B	Consumer	7.43Y	123.9	0.00	2.13	0.81	0	6	1	99	0.00	0.0	3.164	0.000	6	1	1	1
0192116	PL.11406	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	3.164	0.000	0	0	0	0
019213	PL.11406	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	3.164	0.000	0	0	0	0
019263	PL.11406	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	3.164	0.000	0	0	0	0
019215	PL.11405	B	Consumer	7.43Y	123.9	0.00	2.12	1.37	0	10	2	98	0.00	0.0	3.084	0.000	10	2	1	1
019266	PL.11405	B	Consumer	7.43Y	123.9	0.00	2.12	0.02	0	0	0	100	0.00	0.0	3.084	0.000	0	0	1	1
019229	PL.11405	B	Consumer	7.43Y	123.9	0.00	2.12	0.29	0	2	0	100	0.00	0.0	3.084	0.000	2	0	1	1
019223	PL.11405	B	Consumer	7.43Y	123.9	0.00	2.12	0.73	0	5	1	98	0.00	0.0	3.084	0.000	5	1	1	1
019241	PL.11405	B	Consumer	7.43Y	123.9	0.00	2.12	0.82	0	6	1	99	0.00	0.0	3.084	0.000	6	1	1	1
PL.16692	PL.11404	B	4ACSR	7.43Y	123.9	0.00	2.10	3.86	2	28	5	98	0.00	0.0	2.977	0.005	0	0	0	4
PD.1906	PL.16692	B	fuse6AMP	7.43Y	123.9	0.00	2.10	3.86	66	28	5	98	0.00	0.0	2.977	0.000	0	0	0	4
PL.16693	PD.1906	B	4ACSR	7.43Y	123.9	0.00	2.11	3.86	2	28	5	98	0.00	0.0	2.997	0.020	0	0	0	4
PL.4856	PL.16693	B	4ACSR	7.43Y	123.9	0.01	2.11	2.97	2	22	3	99	0.00	0.0	3.041	0.044	0	0	0	3
PL.1216	PL.4856	B	4ACSR	7.43Y	123.9	0.01	2.12	1.94	1	14	2	99	0.00	0.0	3.129	0.087	0	0	0	1
019239	PL.1216	B	Consumer	7.43Y	123.9	0.00	2.12	1.94	0	14	2	99	0.00	0.0	3.129	0.000	14	2	1	1
019256	PL.4856	B	Consumer	7.43Y	123.9	0.00	2.11	0.48	0	4	1	97	0.00	0.0	3.041	0.000	4	1	1	1
PL.16690	PL.4856	B	4ACSR	7.43Y	123.9	0.00	2.11	0.55	0	4	1	97	0.00	0.0	3.046	0.005	0	0	0	1
PD.1929	PL.16690	B	fuse6AMP	7.43Y	123.9	0.00	2.11	0.55	9	4	1	97	0.00	0.0	3.046	0.000	0	0	0	1
PL.16691	PD.1929	B	4ACSR	7.43Y	123.9	0.00	2.12	0.55	0	4	1	97	0.00	0.0	3.131	0.085	0	0	0	1
PL.1634	PL.16691	B	4ACSR	7.43Y	123.9	0.00	2.12	0.55	0	4	1	97	0.00	0.0	3.156	0.025	0	0	0	1
0192106	PL.1634	B	Consumer	7.43Y	123.9	0.00	2.12	0.55	0	4	1	97	0.00	0.0	3.156	0.000	4	1	1	1
019251	PL.16693	B	Consumer	7.43Y	123.9	0.00	2.11	0.89	0	7	1	99	0.00	0.0	2.997	0.000	7	1	1	1
019237	PL.4857	B	Consumer	7.43Y	123.9	0.00	2.10	0.10	0	1	0	100	0.00	0.0	2.951	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
019209	PL.4857	B	Consumer	7.43Y	123.9	0.00	2.10	1.00	0	7	1	99	0.00	0.0	2.951	0.000	7	1	1	1
019205	PL.4857	B	Consumer	7.43Y	123.9	0.00	2.10	0.00	0	0	0	100	0.00	0.0	2.951	0.000	0	0	0	0
019255	PL.4857	B	Consumer	7.43Y	123.9	0.00	2.10	0.19	0	1	0	100	0.00	0.0	2.951	0.000	1	0	1	1
019233	PL.4857	B	Consumer	7.43Y	123.9	0.00	2.10	0.48	0	4	1	97	0.00	0.0	2.951	0.000	4	1	1	1
019210	PL.4858	B	Consumer	7.44Y	123.9	0.00	2.06	0.70	0	5	1	98	0.00	0.0	2.864	0.000	5	1	1	1
019228	PL.4858	B	Consumer	7.44Y	123.9	0.00	2.06	0.52	0	4	1	97	0.00	0.0	2.864	0.000	4	1	1	1
PL.16686	PL.11402	A	4ACSR	7.45Y	124.2	0.00	1.80	2.66	1	19	6	95	0.00	0.0	2.670	0.006	0	0	0	3
PD.1918	PL.16686	A	fuse6AMP	7.45Y	124.2	0.00	1.80	2.66	45	19	6	95	0.00	0.0	2.670	0.000	0	0	0	3
PL.16687	PD.1918	A	4ACSR	7.45Y	124.2	0.01	1.80	2.66	1	19	6	95	0.00	0.0	2.712	0.042	0	0	0	3
019207	PL.16687	A	Consumer	7.45Y	124.2	0.00	1.80	1.20	0	9	1	99	0.00	0.0	2.712	0.000	9	1	1	1
019235	PL.16687	A	Consumer	7.45Y	124.2	0.00	1.80	0.19	0	1	1	71	0.00	0.0	2.712	0.000	1	1	1	1
019230	PL.16687	A	Consumer	7.45Y	124.2	0.00	1.80	1.30	0	9	4	91	0.00	0.0	2.712	0.000	9	4	1	1
019335	PL.4863	C	Consumer	7.49Y	124.9	0.00	1.09	1.23	0	9	1	99	0.00	0.0	2.483	0.000	9	1	1	1
019330	PL.4863	A	Consumer	7.46Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	2.483	0.000	0	0	0	0
019334	PL.4863	B	Consumer	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	2.483	0.000	0	0	0	0
PL.1231	PL.4863	A	336ACSR	7.46Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	2.522	0.040	0	0	0	0
		B		7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C		7.49Y	124.9	0.00	1.09	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
0193118	PL.9944	A	Consumer	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	2.176	0.000	0	0	1	1
PL.18929	PL.18747	B	4ACSR	7.45Y	124.2	0.00	1.78	0.81	0	6	1	99	0.00	0.0	2.125	0.012	0	0	0	1
PD.1806	PL.18929	B	fuse6AMP	7.45Y	124.2	0.00	1.78	0.81	14	6	1	99	0.00	0.0	2.125	0.000	0	0	0	1
PL.18930	PD.1806	B	4ACSR	7.45Y	124.2	0.00	1.78	0.81	0	6	1	99	0.00	0.0	2.153	0.028	0	0	0	1
019349	PL.18930	B	Consumer	7.45Y	124.2	0.00	1.78	0.81	0	6	1	99	0.00	0.0	2.153	0.000	6	1	1	1
PL.4864	PL.11722	A	4ACSR	7.47Y	124.5	0.02	1.54	19.35	10	143	23	99	0.21	0.0	2.112	0.041	0	0	0	23
		C		7.48Y	124.7	0.08	1.25	42.82	22	316	52	99			0	0	0	0	65	
PL.17850	PL.4864	A	4ACSR	7.47Y	124.4	0.02	1.57	19.19	10	141	23	99	0.28	0.1	2.169	0.057	0	0	0	22
		C		7.48Y	124.6	0.11	1.36	41.87	22	309	51	99			0	0	0	0	62	
PD.3363	PL.17850	A	70V4E	7.47Y	124.4	0.00	1.57	19.19	0	141	23	99	0.00	0.0	2.169	0.000	0	0	0	22
		C		7.48Y	124.6	0.00	1.36	41.87	0	309	51	99			0	0	0	0	62	
PL.17851	PD.3363	A	4ACSR	7.46Y	124.4	0.02	1.59	19.19	10	141	23	99	0.27	0.1	2.224	0.055	0	0	0	22
		C		7.47Y	124.5	0.11	1.47	41.87	22	309	51	99			0	0	0	0	62	
PL.72	PL.17851	A	4ACSR	7.46Y	124.4	0.01	1.60	18.81	10	139	22	99	0.15	0.0	2.255	0.030	0	0	0	21
		C		7.47Y	124.5	0.06	1.52	41.87	22	309	51	99			0	0	0	0	61	
019326	PL.72	A	Consumer	7.46Y	124.4	0.00	1.60	0.85	0	6	1	99	0.00	0.0	2.255	0.000	6	1	1	1
019366	PL.72	A	Consumer	7.46Y	124.4	0.00	1.60	1.07	0	8	1	99	0.00	0.0	2.255	0.000	8	1	1	1
019347	PL.72	A	Consumer	7.46Y	124.4	0.00	1.60	1.06	0	8	1	99	0.00	0.0	2.255	0.000	8	1	1	1
PL.27546	PL.72	C	4ACSR	7.47Y	124.5	0.02	1.54	41.87	22	309	50	99	0.04	0.0	2.265	0.010	0	0	0	61
PD.150-A	PL.27546	C	Closed	7.47Y	124.5	0.00	1.54	41.87	0	309	50	99	0.00	0.0	2.265	0.000	0	0	0	61
PD.150-B	PD.150-A	C	Closed	7.47Y	124.5	0.00	1.54	41.87	0	309	50	99	0.00	0.0	2.265	0.000	0	0	0	61
PL.27547	PD.150-B	C	4ACSR	7.46Y	124.3	0.15	1.69	41.87	22	309	50	99	0.35	0.1	2.348	0.084	0	0	0	61
019325	PL.27547	C	Consumer	7.46Y	124.3	0.00	1.69	1.15	0	8	1	99	0.00	0.0	2.348	0.000	8	1	1	1
0193121	PL.27547	C	Consumer	7.46Y	124.3	0.00	1.69	0.00	0	0	0	100	0.00	0.0	2.348	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
019384	PL.27547	C	Consumer	7.46Y	124.3	0.00	1.69	0.52	0	4	1	97	0.00	0.0	2.348	0.000	4	1	1	1
PL.24532	PL.27547	C	4ACSR	7.45Y	124.2	0.08	1.77	40.21	21	296	48	99	0.17	0.1	2.393	0.045	0	0	0	59
PL.24533	PL.24532	C	4ACSR	7.45Y	124.2	0.07	1.84	40.21	21	296	48	99	0.15	0.0	2.431	0.038	0	0	0	59
0193111	PL.24533	C	Consumer	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	2.431	0.000	0	0	0	0
019322	PL.24533	C	Consumer	7.45Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	2.431	0.000	0	0	0	0
019320	PL.24533	C	Consumer	7.45Y	124.2	0.00	1.84	1.32	0	10	2	98	0.00	0.0	2.431	0.000	10	2	1	1
PL.17848	PL.24533	C	4ACSR	7.45Y	124.2	0.01	1.85	38.89	20	286	47	99	0.02	0.0	2.438	0.006	0	0	0	58
C PD.1908	PL.17848	C	fuse6AMP	7.45Y	124.2	0.00	1.85	38.89	664	286	47	99	0.00	0.0	2.438	0.000	0	0	0	58 C
PL.17849	PD.1908	C	4ACSR	7.44Y	124.0	0.15	1.99	38.89	20	286	47	99	0.31	0.1	2.524	0.087	0	0	0	58
PL.27605	PL.17849	C	4ACSR	7.44Y	124.0	0.00	1.99	1.83	1	13	2	99	0.00	0.0	2.529	0.005	0	0	0	2
PD.1910	PL.27605	C	fuse6AMP	7.44Y	124.0	0.00	1.99	1.83	31	13	2	99	0.00	0.0	2.529	0.000	0	0	0	2
PL.27606	PD.1910	C	4ACSR	7.44Y	124.0	0.00	2.00	1.83	1	13	2	99	0.00	0.0	2.556	0.027	0	0	0	2
019321	PL.27606	C	Consumer	7.44Y	124.0	0.00	2.00	0.76	0	6	1	99	0.00	0.0	2.556	0.000	6	1	1	1
019323	PL.27606	C	Consumer	7.44Y	124.0	0.00	2.00	1.07	0	8	1	99	0.00	0.0	2.556	0.000	8	1	1	1
PL.1548	PL.17849	C	4ACSR	7.44Y	124.0	0.00	2.00	2.88	1	21	3	99	0.00	0.0	2.561	0.037	0	0	0	3
019317	PL.1548	C	Consumer	7.44Y	124.0	0.00	2.00	1.30	0	10	2	98	0.00	0.0	2.561	0.000	10	2	1	1
019318	PL.1548	C	Consumer	7.44Y	124.0	0.00	2.00	1.43	0	10	2	98	0.00	0.0	2.561	0.000	10	2	1	1
019319	PL.1548	C	Consumer	7.44Y	124.0	0.00	2.00	0.15	0	1	0	100	0.00	0.0	2.561	0.000	1	0	1	1
PL.27623	PL.17849	C	4ACSR	7.44Y	124.0	0.01	2.00	34.18	18	251	41	99	0.02	0.0	2.530	0.006	0	0	0	53
C PD.1909	PL.27623	C	fuse6AMP	7.44Y	124.0	0.00	2.00	34.18	584	251	41	99	0.00	0.0	2.530	0.000	0	0	0	53 C
PL.27624	PD.1909	C	4ACSR	7.44Y	124.0	0.04	2.04	34.18	18	251	41	99	0.07	0.0	2.555	0.025	0	0	0	53
PL.20108	PL.27624	C	4ACSR	7.44Y	124.0	0.01	2.05	32.34	17	237	39	99	0.01	0.0	2.561	0.006	0	0	0	51
C PD.1911	PL.20108	C	fuse6AMP	7.44Y	124.0	0.00	2.05	32.34	552	237	39	99	0.00	0.0	2.561	0.000	0	0	0	51 C
PL.29191	PD.1911	C	4ACSR	7.43Y	123.9	0.07	2.12	32.34	17	237	39	99	0.13	0.1	2.612	0.051	0	0	0	51
PL.28939	PL.29191	C	4ACSR	7.43Y	123.9	0.00	2.12	32.34	17	237	38	99	0.01	0.0	2.615	0.003	0	0	0	51
PL.28951	PL.28939	C	4ACSR	7.43Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	2.616	0.001	0	0	0	0
PD.3661-B	PL.28951	C	Open	7.43Y	123.9	0.00	2.12	0.00	0	0	0	100	0.00	0.0	2.616	0.000	0	0	0	0
PL.29002	PL.28939	C	4ACSR	7.43Y	123.8	0.06	2.19	32.34	17	237	38	99	0.12	0.0	2.661	0.046	0	0	0	51
PL.4861	PL.29002	C	4ACSR	7.43Y	123.8	0.05	2.24	30.60	16	224	36	99	0.09	0.0	2.700	0.039	0	0	0	48
PL.6091	PL.4861	C	4ACSR	7.42Y	123.7	0.05	2.29	29.28	15	215	35	99	0.08	0.0	2.738	0.039	0	0	0	47
0193110	PL.6091	C	Consumer	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	2.738	0.000	0	0	0	0
019392	PL.6091	C	Consumer	7.42Y	123.7	0.00	2.29	1.05	0	8	1	99	0.00	0.0	2.738	0.000	8	1	1	1
PL.11734	PL.6091	C	4ACSR	7.42Y	123.6	0.10	2.39	28.23	15	207	33	99	0.16	0.1	2.820	0.082	0	0	0	45
PL.27753	PL.11734	C	4ACSR	7.41Y	123.6	0.06	2.44	27.51	14	201	33	99	0.09	0.0	2.869	0.049	0	0	0	44
C PD.1928	PL.27753	C	fuse6AMP	7.41Y	123.6	0.00	2.44	27.51	470	201	32	99	0.00	0.0	2.869	0.000	0	0	0	44 C
PL.27754	PD.1928	C	4ACSR	7.41Y	123.5	0.01	2.45	27.51	14	201	32	99	0.01	0.0	2.876	0.006	0	0	0	44
PL.4859	PL.27754	C	4ACSR	7.41Y	123.5	0.00	2.45	0.36	0	3	0	100	0.00	0.0	2.954	0.078	0	0	0	1
019344	PL.4859	C	Consumer	7.41Y	123.5	0.00	2.45	0.36	0	3	0	100	0.00	0.0	2.954	0.000	3	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
019352	PL.4859	C	Consumer	7.41Y	123.5	0.00	2.45	0.00	0	0	0	100	0.00	0.0	2.954	0.000	0	0	0	0
PL.4860	PL.4859	C	4ACSR	7.41Y	123.5	0.00	2.45	0.00	0	0	0	100	0.00	0.0	2.954	0.000	0	0	0	0
PL.17145	PL.27754	C	4ACSR	7.41Y	123.5	0.01	2.46	19.05	10	139	23	99	0.01	0.0	2.883	0.007	0	0	0	33
C PD.1927	PL.17145	C	fuse6AMP	7.41Y	123.5	0.00	2.46	19.05	325	139	23	99	0.00	0.0	2.883	0.000	0	0	0	33 C
PL.17146	PD.1927	C	4ACSR	7.41Y	123.5	0.07	2.53	19.05	10	139	23	99	0.07	0.1	2.965	0.082	0	0	0	33
PL.1223	PL.17146	C	4ACSR	7.41Y	123.5	0.00	2.53	0.44	0	3	1	95	0.00	0.0	2.987	0.022	0	0	0	2
019386	PL.1223	C	Consumer	7.41Y	123.5	0.00	2.53	0.44	0	3	1	95	0.00	0.0	2.987	0.000	3	1	1	1
0193101	PL.1223	C	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	2.987	0.000	0	0	1	1
019348	PL.1223	C	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	2.987	0.000	0	0	0	0
PL.11735	PL.17146	C	4ACSR	7.41Y	123.4	0.06	2.58	18.61	10	136	22	99	0.06	0.0	3.035	0.070	0	0	0	31
019351	PL.11735	C	Consumer	7.41Y	123.4	0.00	2.58	0.49	0	4	1	97	0.00	0.0	3.035	0.000	4	1	1	1
019337	PL.11735	C	Consumer	7.41Y	123.4	0.00	2.58	0.29	0	2	0	100	0.00	0.0	3.035	0.000	2	0	1	1
019339	PL.11735	C	Consumer	7.41Y	123.4	0.00	2.58	0.66	0	5	1	98	0.00	0.0	3.035	0.000	5	1	1	1
PL.17147	PL.11735	C	4ACSR	7.40Y	123.4	0.03	2.61	17.17	9	125	20	99	0.02	0.0	3.070	0.035	0	0	0	28
PD.146-A	PL.17147	C	Closed	7.40Y	123.4	0.00	2.61	17.17	0	125	20	99	0.00	0.0	3.070	0.000	0	0	0	28
PD.146-B	PD.146-A	C	Closed	7.40Y	123.4	0.00	2.61	17.17	0	125	20	99	0.00	0.0	3.070	0.000	0	0	0	28
PL.17148	PD.146-B	C	4ACSR	7.40Y	123.4	0.01	2.62	17.17	9	125	20	99	0.01	0.0	3.082	0.012	0	0	0	28
PL.11736	PL.17148	C	4ACSR	7.40Y	123.4	0.01	2.63	16.58	9	121	20	99	0.01	0.0	3.100	0.017	0	0	0	26
PL.5761	PL.11736	C	4ACSR	7.40Y	123.4	0.02	2.65	15.44	8	113	18	99	0.02	0.0	3.129	0.029	0	0	0	24
PL.11737	PL.5761	C	4ACSR	7.40Y	123.3	0.05	2.69	15.44	8	113	18	99	0.04	0.0	3.197	0.068	0	0	0	24
PL.11738	PL.11737	C	4ACSR	7.39Y	123.2	0.06	2.75	12.77	7	93	15	99	0.04	0.0	3.299	0.102	0	0	0	18
PL.14894	PL.11738	C	4ACSR	7.39Y	123.2	0.04	2.79	8.81	5	64	10	99	0.02	0.0	3.407	0.108	0	0	0	14
PD.500-B	PL.14894	C	Closed	7.39Y	123.2	0.00	2.79	8.81	0	64	10	99	0.00	0.0	3.407	0.000	0	0	0	14
PD.500-A	PD.500-B	C	Closed	7.39Y	123.2	0.00	2.79	8.81	0	64	10	99	0.00	0.0	3.407	0.000	0	0	0	14
PL.15490	PD.500-A	C	4ACSR	7.39Y	123.2	0.00	2.79	8.81	5	64	10	99	0.00	0.0	3.413	0.006	0	0	0	14
PL.11740	PL.15490	C	4ACSR	7.39Y	123.1	0.08	2.87	8.58	4	63	10	99	0.04	0.1	3.621	0.209	0	0	0	12
PL.11739	PL.11740	C	4ACSR	7.39Y	123.1	0.03	2.90	7.05	4	51	8	99	0.01	0.0	3.720	0.099	0	0	0	10
PL.11741	PL.11739	C	4ACSR	7.38Y	123.1	0.05	2.95	4.86	3	35	6	99	0.01	0.0	3.937	0.217	0	0	0	5
PL.34670	PL.11741	C	4ACSR	7.38Y	123.0	0.03	2.97	4.43	2	32	5	99	0.01	0.0	4.082	0.145	0	0	0	4
PL.34669	PL.34670	C	4ACSR	7.38Y	123.0	0.02	2.99	2.93	2	21	3	99	0.00	0.0	4.221	0.140	0	0	0	3
PL.15487	PL.34669	C	4ACSR	7.38Y	123.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	4.364	0.143	0	0	0	0
PL.34666	PL.34669	C	4ACSR	7.38Y	123.0	0.00	2.99	2.47	1	18	3	99	0.00	0.0	4.234	0.013	0	0	0	2
PD.4915	PL.34666	C	fuse6AMP	7.38Y	123.0	0.00	2.99	2.47	42	18	3	99	0.00	0.0	4.234	0.000	0	0	0	2
PL.34667	PD.4915	C	4ACSR	7.38Y	123.0	0.01	3.00	2.47	1	18	3	99	0.00	0.0	4.309	0.075	0	0	0	2
PL.4766	PL.34667	C	4ACSR	7.38Y	123.0	0.01	3.01	1.70	1	12	2	99	0.00	0.0	4.414	0.105	0	0	0	1
071340	PL.4766	C	Consumer	7.38Y	123.0	0.00	3.01	1.70	0	12	2	99	0.00	0.0	4.414	0.000	12	2	1	1
071337	PL.34667	C	Consumer	7.38Y	123.0	0.00	3.00	0.78	0	6	1	99	0.00	0.0	4.309	0.000	6	1	1	1
PL.34664	PL.34669	C	4ACSR	7.38Y	123.0	0.00	2.99	0.46	0	3	1	95	0.00	0.0	4.230	0.008	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.4914	PL.34664	C	fuse6AMP	7.38Y	123.0	0.00	2.99	0.46	8	3	1	95	0.00	0.0	4.230	0.000	0	0	0	1
PL.34665	PD.4914	C	4ACSR	7.38Y	123.0	0.00	2.99	0.46	0	3	1	95	0.00	0.0	4.296	0.066	0	0	0	1
071306	PL.34665	C	Consumer	7.38Y	123.0	0.00	2.99	0.46	0	3	1	95	0.00	0.0	4.296	0.000	3	1	1	1
PL.34671	PL.34670	C	2ACSR	7.38Y	123.0	0.00	2.97	1.50	1	11	2	98	0.00	0.0	4.086	0.005	0	0	0	1
PD.4916	PL.34671	C	fuse6AMP	7.38Y	123.0	0.00	2.97	1.50	26	11	2	98	0.00	0.0	4.086	0.000	0	0	0	1
PL.34672	PD.4916	C	2ACSR	7.38Y	123.0	0.00	2.98	1.50	1	11	2	98	0.00	0.0	4.139	0.053	0	0	0	1
071348	PL.34672	C	Consumer	7.38Y	123.0	0.00	2.98	1.50	0	11	2	98	0.00	0.0	4.139	0.000	11	2	1	1
PL.34673	PL.11741	C	4ACSR	7.38Y	123.1	0.00	2.95	0.43	0	3	1	95	0.00	0.0	3.944	0.007	0	0	0	1
PD.4917	PL.34673	C	fuse6AMP	7.38Y	123.1	0.00	2.95	0.43	7	3	1	95	0.00	0.0	3.944	0.000	0	0	0	1
PL.34674	PD.4917	C	4ACSR	7.38Y	123.1	0.00	2.95	0.43	0	3	1	95	0.00	0.0	4.030	0.087	0	0	0	1
PL.8139	PL.34674	C	4ACSR	7.38Y	123.1	0.00	2.95	0.43	0	3	1	95	0.00	0.0	4.067	0.037	0	0	0	1
PL.8140	PL.8139	C	4ACSR	7.38Y	123.0	0.00	2.95	0.43	0	3	1	95	0.00	0.0	4.206	0.139	0	0	0	1
070303	PL.8140	C	Consumer	7.38Y	123.0	0.00	2.95	0.43	0	3	1	95	0.00	0.0	4.206	0.000	3	1	1	1
071332	PL.8139	C	Consumer	7.38Y	123.1	0.00	2.95	0.00	0	0	0	100	0.00	0.0	4.067	0.000	0	0	0	0
PL.24264	PL.11739	C	4ACSR	7.39Y	123.1	0.01	2.91	2.19	1	16	3	98	0.00	0.0	3.805	0.085	0	0	0	4
070310	PL.24264	C	Consumer	7.39Y	123.1	0.00	2.91	0.05	0	0	0	100	0.00	0.0	3.805	0.000	0	0	1	1
070307	PL.24264	C	Consumer	7.39Y	123.1	0.00	2.91	0.94	0	7	1	99	0.00	0.0	3.805	0.000	7	1	1	1
070306	PL.24264	C	Consumer	7.39Y	123.1	0.00	2.91	0.62	0	5	1	98	0.00	0.0	3.805	0.000	5	1	1	1
070304	PL.24264	C	Consumer	7.39Y	123.1	0.00	2.91	0.58	0	4	1	97	0.00	0.0	3.805	0.000	4	1	1	1
070309	PL.11739	C	Consumer	7.39Y	123.1	0.00	2.90	0.00	0	0	0	100	0.00	0.0	3.720	0.000	0	0	1	1
PL.34679	PL.11740	C	4ACSR	7.39Y	123.1	0.00	2.87	1.53	1	11	2	98	0.00	0.0	3.625	0.004	0	0	0	2
PD.4920	PL.34679	C	fuse6AMP	7.39Y	123.1	0.00	2.87	1.53	26	11	2	98	0.00	0.0	3.625	0.000	0	0	0	2
PL.34680	PD.4920	C	4ACSR	7.39Y	123.1	0.01	2.88	1.53	1	11	2	98	0.00	0.0	3.711	0.086	0	0	0	2
070316	PL.34680	C	Consumer	7.39Y	123.1	0.00	2.88	0.12	0	1	0	100	0.00	0.0	3.711	0.000	1	0	1	1
070305	PL.34680	C	Consumer	7.39Y	123.1	0.00	2.88	1.41	0	10	2	98	0.00	0.0	3.711	0.000	10	2	1	1
PL.34681	PL.15490	C	4ACSR	7.39Y	123.2	0.00	2.79	0.23	0	2	0	100	0.00	0.0	3.417	0.005	0	0	0	2
PD.4921	PL.34681	C	fuse6AMP	7.39Y	123.2	0.00	2.79	0.23	4	2	0	100	0.00	0.0	3.417	0.000	0	0	0	2
PL.34682	PD.4921	C	4ACSR	7.39Y	123.2	0.00	2.79	0.23	0	2	0	100	0.00	0.0	3.486	0.069	0	0	0	2
PL.8143	PL.34682	C	4ACSR	7.39Y	123.2	0.00	2.79	0.23	0	2	0	100	0.00	0.0	3.504	0.018	0	0	0	2
PL.8144	PL.8143	C	4ACSR	7.39Y	123.2	0.00	2.79	0.23	0	2	0	100	0.00	0.0	3.568	0.064	0	0	0	1
070308	PL.8144	C	Consumer	7.39Y	123.2	0.00	2.79	0.23	0	2	0	100	0.00	0.0	3.568	0.000	2	0	1	1
070314	PL.8143	C	Consumer	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	3.504	0.000	0	0	1	1
PL.34646	PL.11738	C	4ACSR	7.39Y	123.2	0.00	2.75	2.65	1	19	3	99	0.00	0.0	3.317	0.018	0	0	0	2
PD.4904	PL.34646	C	fuse6AMP	7.39Y	123.2	0.00	2.75	2.65	45	19	3	99	0.00	0.0	3.317	0.000	0	0	0	2
PL.34647	PD.4904	C	4ACSR	7.39Y	123.2	0.01	2.77	2.65	1	19	3	99	0.00	0.0	3.442	0.126	0	0	0	2
070313	PL.34647	C	Consumer	7.39Y	123.2	0.00	2.77	1.13	0	8	1	99	0.00	0.0	3.442	0.000	8	1	1	1
PL.4768	PL.34647	C	4ACSR	7.39Y	123.2	0.00	2.77	1.52	1	11	2	98	0.00	0.0	3.504	0.062	0	0	0	1
070324	PL.4768	C	Consumer	7.39Y	123.2	0.00	2.77	1.52	0	11	2	98	0.00	0.0	3.504	0.000	11	2	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
070311	PL.11738	C	Consumer	7.39Y	123.2	0.00	2.75	0.48	0	4	1	97	0.00	0.0	3.299	0.000	4	1	1	1
070315	PL.11738	C	Consumer	7.39Y	123.2	0.00	2.75	0.83	0	6	1	99	0.00	0.0	3.299	0.000	6	1	1	1
070319	PL.11737	C	Consumer	7.40Y	123.3	0.00	2.69	0.24	0	2	0	100	0.00	0.0	3.197	0.000	2	0	1	1
070323	PL.11737	C	Consumer	7.40Y	123.3	0.00	2.69	0.01	0	0	0	100	0.00	0.0	3.197	0.000	0	0	1	1
070312	PL.11737	C	Consumer	7.40Y	123.3	0.00	2.69	0.66	0	5	1	98	0.00	0.0	3.197	0.000	5	1	1	1
070317	PL.11737	C	Consumer	7.40Y	123.3	0.00	2.69	0.88	0	6	1	99	0.00	0.0	3.197	0.000	6	1	1	1
070318	PL.11737	C	Consumer	7.40Y	123.3	0.00	2.69	0.37	0	3	0	100	0.00	0.0	3.197	0.000	3	0	1	1
PL.34644	PL.11737	C	4ACSR	7.40Y	123.3	0.00	2.69	0.50	0	4	1	97	0.00	0.0	3.205	0.009	0	0	0	1
PD.4903	PL.34644	C	fuse6AMP	7.40Y	123.3	0.00	2.69	0.50	9	4	1	97	0.00	0.0	3.205	0.000	0	0	0	1
PL.34645	PD.4903	C	4ACSR	7.40Y	123.3	0.00	2.70	0.50	0	4	1	97	0.00	0.0	3.278	0.073	0	0	0	1
070321	PL.34645	C	Consumer	7.40Y	123.3	0.00	2.70	0.50	0	4	1	97	0.00	0.0	3.278	0.000	4	1	1	1
019365	PL.11736	C	Consumer	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	3.100	0.000	0	0	0	0
019378	PL.11736	C	Consumer	7.40Y	123.4	0.00	2.63	0.12	0	1	0	100	0.00	0.0	3.100	0.000	1	0	1	1
019381	PL.11736	C	Consumer	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	3.100	0.000	0	0	0	0
019380	PL.11736	C	Consumer	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	3.100	0.000	0	0	0	0
019382	PL.11736	C	Consumer	7.40Y	123.4	0.00	2.63	1.02	0	7	1	99	0.00	0.0	3.100	0.000	7	1	1	1
0193108	PL.17148	C	Consumer	7.40Y	123.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	3.082	0.000	0	0	0	0
019369	PL.17148	C	Consumer	7.40Y	123.4	0.00	2.62	0.46	0	3	1	95	0.00	0.0	3.082	0.000	3	1	1	1
019389	PL.17148	C	Consumer	7.40Y	123.4	0.00	2.62	0.13	0	1	0	100	0.00	0.0	3.082	0.000	1	0	1	1
PL.1225	PL.27754	C	4ACSR	7.41Y	123.5	0.01	2.46	6.47	3	47	8	99	0.00	0.0	2.911	0.035	0	0	0	8
PL.5762	PL.1225	C	4ACSR	7.41Y	123.5	0.01	2.47	6.47	3	47	8	99	0.00	0.0	2.957	0.046	0	0	0	8
PL.5763	PL.5762	C	4ACSR	7.41Y	123.5	0.00	2.48	6.00	3	44	7	99	0.00	0.0	2.969	0.012	0	0	0	7
PL.5764	PL.5763	C	4ACSR	7.41Y	123.5	0.01	2.49	4.50	2	33	5	99	0.00	0.0	3.035	0.066	0	0	0	6
019390	PL.5764	C	Consumer	7.41Y	123.5	0.00	2.49	0.39	0	3	0	100	0.00	0.0	3.035	0.000	3	0	1	1
019356	PL.5764	C	Consumer	7.41Y	123.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	3.035	0.000	0	0	0	0
PL.4855	PL.5764	C	4ACSR	7.41Y	123.5	0.00	2.50	4.12	2	30	5	99	0.00	0.0	3.063	0.028	0	0	0	5
019396	PL.4855	C	Consumer	7.41Y	123.5	0.00	2.50	0.68	0	5	1	98	0.00	0.0	3.063	0.000	5	1	1	1
019373	PL.4855	C	Consumer	7.41Y	123.5	0.00	2.50	0.58	0	4	1	97	0.00	0.0	3.063	0.000	4	1	1	1
019374	PL.4855	C	Consumer	7.41Y	123.5	0.00	2.50	1.32	0	10	2	98	0.00	0.0	3.063	0.000	10	2	1	1
PL.1221	PL.4855	C	4ACSR	7.41Y	123.5	0.00	2.50	1.54	1	11	2	98	0.00	0.0	3.092	0.028	0	0	0	2
PL.4486	PL.1221	C	4ACSR	7.41Y	123.5	0.00	2.50	1.54	1	11	2	98	0.00	0.0	3.093	0.001	0	0	0	2
019367	PL.4486	C	Consumer	7.41Y	123.5	0.00	2.50	1.24	0	9	1	99	0.00	0.0	3.093	0.000	9	1	1	1
PL.4487	PL.4486	C	4ACSR	7.41Y	123.5	0.00	2.50	0.30	0	2	0	100	0.00	0.0	3.099	0.006	0	0	0	1
PL.8149	PL.4487	C	4ACSR	7.41Y	123.5	0.00	2.50	0.30	0	2	0	100	0.00	0.0	3.120	0.021	0	0	0	1
PL.8150	PL.8149	C	4ACSR	7.41Y	123.5	0.00	2.50	0.00	0	0	0	100	0.00	0.0	3.120	0.000	0	0	0	0
070322	PL.8149	C	Consumer	7.41Y	123.5	0.00	2.50	0.30	0	2	0	100	0.00	0.0	3.120	0.000	2	0	1	1
019358	PL.5763	C	Consumer	7.41Y	123.5	0.00	2.48	1.49	0	11	2	98	0.00	0.0	2.969	0.000	11	2	1	1
0193122	PL.5763	C	Consumer	7.41Y	123.5	0.00	2.48	0.00	0	0	0	100	0.00	0.0	2.969	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
019379	PL.5763	C	Consumer	7.41Y	123.5	0.00	2.48	0.00	0	0	0	100	0.00	0.0	2.969	0.000	0	0	0	0
019331	PL.5762	C	Consumer	7.41Y	123.5	0.00	2.47	0.48	0	3	1	95	0.00	0.0	2.957	0.000	3	1	1	1
019368	PL.27754	C	Consumer	7.41Y	123.5	0.00	2.45	1.35	0	10	2	98	0.00	0.0	2.876	0.000	10	2	1	1
019350	PL.27754	C	Consumer	7.41Y	123.5	0.00	2.45	0.28	0	2	0	100	0.00	0.0	2.876	0.000	2	0	1	1
0193102	PL.11734	C	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	2.820	0.000	0	0	0	0
019376	PL.11734	C	Consumer	7.42Y	123.6	0.00	2.39	0.72	0	5	1	98	0.00	0.0	2.820	0.000	5	1	1	1
019359	PL.11734	C	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	2.820	0.000	0	0	0	0
019301	PL.11734	C	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	2.820	0.000	0	0	0	0
PL.1635	PL.11734	C	4ACSR	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	2.863	0.043	0	0	0	0
0193115	PL.1635	C	Consumer	7.42Y	123.6	0.00	2.39	0.00	0	0	0	100	0.00	0.0	2.863	0.000	0	0	0	0
PL.17000	PL.6091	C	4ACSR	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	2.747	0.009	0	0	0	1
PD.1926	PL.17000	C	fuse6AMP	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	2.747	0.000	0	0	0	1
PL.17001	PD.1926	C	4ACSR	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	2.829	0.082	0	0	0	1
0193112	PL.17001	C	Consumer	7.42Y	123.7	0.00	2.29	0.00	0	0	0	100	0.00	0.0	2.829	0.000	0	0	1	1
0193100	PL.4861	C	Consumer	7.43Y	123.8	0.00	2.24	1.32	0	10	2	98	0.00	0.0	2.700	0.000	10	2	1	1
019338	PL.29002	C	Consumer	7.43Y	123.8	0.00	2.19	1.15	0	8	1	99	0.00	0.0	2.661	0.000	8	1	1	1
019371	PL.29002	C	Consumer	7.43Y	123.8	0.00	2.19	0.32	0	2	0	100	0.00	0.0	2.661	0.000	2	0	1	1
019361	PL.29002	C	Consumer	7.43Y	123.8	0.00	2.19	0.26	0	2	0	100	0.00	0.0	2.661	0.000	2	0	1	1
PL.1546	PL.27624	C	4ACSR	7.44Y	124.0	0.00	2.04	1.84	1	14	2	99	0.00	0.0	2.579	0.024	0	0	0	2
PL.1547	PL.1546	C	4ACSR	7.44Y	124.0	0.00	2.04	1.84	1	14	2	99	0.00	0.0	2.615	0.036	0	0	0	2
019342	PL.1547	C	Consumer	7.44Y	124.0	0.00	2.04	1.19	0	9	1	99	0.00	0.0	2.615	0.000	9	1	1	1
019324	PL.1547	C	Consumer	7.44Y	124.0	0.00	2.04	0.65	0	5	1	98	0.00	0.0	2.615	0.000	5	1	1	1
PL.27544	PL.72	A	4ACSR	7.46Y	124.4	0.01	1.61	15.83	8	117	19	99	0.01	0.0	2.263	0.009	0	0	0	18
PD.151-A	PL.27544	A	Closed	7.46Y	124.4	0.00	1.61	15.83	0	117	19	99	0.00	0.0	2.263	0.000	0	0	0	18
PD.151-B	PD.151-A	A	Closed	7.46Y	124.4	0.00	1.61	15.83	0	117	19	99	0.00	0.0	2.263	0.000	0	0	0	18
PL.27545	PD.151-B	A	4ACSR	7.46Y	124.4	0.01	1.62	15.83	8	117	19	99	0.01	0.0	2.285	0.022	0	0	0	18
019340	PL.27545	A	Consumer	7.46Y	124.4	0.00	1.62	0.42	0	3	0	100	0.00	0.0	2.285	0.000	3	0	1	1
PL.11723	PL.27545	A	4ACSR	7.46Y	124.3	0.13	1.75	15.41	8	114	18	99	0.11	0.1	2.474	0.189	0	0	0	17
PL.28071	PL.11723	A	4ACSR	7.46Y	124.3	0.00	1.75	0.64	0	5	1	98	0.00	0.0	2.482	0.008	0	0	0	1
PD.1912	PL.28071	A	fuse6AMP	7.46Y	124.3	0.00	1.75	0.64	11	5	1	98	0.00	0.0	2.482	0.000	0	0	0	1
PL.28072	PD.1912	A	4ACSR	7.46Y	124.3	0.00	1.75	0.64	0	5	1	98	0.00	0.0	2.561	0.079	0	0	0	1
PL.11724	PL.28072	A	4ACSR	7.46Y	124.3	0.00	1.75	0.00	0	0	0	100	0.00	0.0	2.775	0.214	0	0	0	0
019336	PL.11724	A	Consumer	7.46Y	124.3	0.00	1.75	0.00	0	0	0	100	0.00	0.0	2.775	0.000	0	0	0	0
PL.1633	PL.28072	A	4ACSR	7.46Y	124.3	0.00	1.75	0.64	0	5	1	98	0.00	0.0	2.588	0.027	0	0	0	1
019393	PL.1633	A	Consumer	7.46Y	124.3	0.00	1.75	0.64	0	5	1	98	0.00	0.0	2.588	0.000	5	1	1	1
PL.6092	PL.11723	A	4ACSR	7.45Y	124.2	0.01	1.76	7.91	4	58	9	99	0.00	0.0	2.502	0.028	0	0	0	7
PL.11727	PL.6092	A	4ACSR	7.45Y	124.2	0.01	1.77	5.26	3	39	6	99	0.00	0.0	2.568	0.066	0	0	0	5
019341	PL.11727	A	Consumer	7.45Y	124.2	0.00	1.77	0.54	0	4	1	97	0.00	0.0	2.568	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements PL.11726 through PL.11739 and C PD.1925 through C PD.1925.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR			Cons On	Cons Thru		
PL.18932	PL.17851	C	4ACSR	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.234	0.010	0	0	0	1		
PD.1923	PL.18932	C	fuse6AMP	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.234	0.000	0	0	0	1		
PL.18931	PD.1923	C	4ACSR	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.274	0.040	0	0	0	1		
019364	PL.18931	C	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.274	0.000	0	0	0	0		
0193104	PL.18931	C	Consumer	7.47Y	124.5	0.00	1.47	0.00	0	0	0	100	0.00	0.0	2.274	0.000	0	0	1	1		
PL.17853	PL.17851	A	4ACSR	7.46Y	124.4	0.00	1.59	0.38	0	3	0	100	0.00	0.0	2.235	0.011	0	0	0	1		
PD.1924	PL.17853	A	fuse6AMP	7.46Y	124.4	0.00	1.59	0.38	6	3	0	100	0.00	0.0	2.235	0.000	0	0	0	1		
PL.17852	PD.1924	A	4ACSR	7.46Y	124.4	0.00	1.59	0.38	0	3	0	100	0.00	0.0	2.253	0.018	0	0	0	1		
019316	PL.17852	A	Consumer	7.46Y	124.4	0.00	1.59	0.38	0	3	0	100	0.00	0.0	2.253	0.000	3	0	1	1		
PL.27548	PL.4864	A	4ACSR	7.47Y	124.5	0.00	1.54	0.00	0	0	0	100	0.00	0.0	2.119	0.007	0	0	0	0		
PD.1922	PL.27548	A	fuse6AMP	7.47Y	124.5	0.00	1.54	0.00	0	0	0	100	0.00	0.0	2.119	0.000	0	0	0	0		
PL.27549	PD.1922	A	4ACSR	7.47Y	124.5	0.00	1.54	0.00	0	0	0	100	0.00	0.0	2.170	0.051	0	0	0	0		
018342	PL.4864	A	Consumer	7.47Y	124.5	0.00	1.54	0.16	0	1	0	100	0.00	0.0	2.112	0.000	1	0	1	1		
		C		7.48Y	124.7	0.00	1.25	0.16	0	1	0	99					1	0	1	1		
018359	PL.4864	C	Consumer	7.48Y	124.7	0.00	1.25	0.34	0	2	0	100	0.00	0.0	2.112	0.000	2	0	1	1		
019311	PL.4864	C	Consumer	7.48Y	124.7	0.00	1.25	0.45	0	3	1	95	0.00	0.0	2.112	0.000	3	1	1	1		
SRL.5405	PL.4864	A	Consumer	7.47Y	124.5	0.00	1.54	0.00	0	0	0	100	0.00	0.0	2.112	0.000	0	0	0	0		
018322	PL.11719	C	Consumer	7.49Y	124.9	0.00	1.14	1.43	0	11	2	98	0.00	0.0	1.926	0.000	11	2	1	1		
018350	PL.11719	A	Consumer	7.47Y	124.5	0.00	1.48	0.83	0	6	1	99	0.00	0.0	1.926	0.000	6	1	1	1		
018363	PL.11719	A	Consumer	7.47Y	124.5	0.00	1.48	1.12	0	8	1	99	0.00	0.0	1.926	0.000	8	1	1	1		
018304	PL.11719	B	Consumer	7.46Y	124.3	0.00	1.71	0.75	0	5	2	93	0.00	0.0	1.926	0.000	5	2	1	1		
PL.16902	PL.11719	B	4ACSR	7.46Y	124.3	0.00	1.71	2.76	1	20	3	99	0.00	0.0	1.930	0.005	0	0	0	5		
PD.1803	PL.16902	B	fuse6AMP	7.46Y	124.3	0.00	1.71	2.76	47	20	3	99	0.00	0.0	1.930	0.000	0	0	0	5		
PL.16903	PD.1803	B	4ACSR	7.46Y	124.3	0.01	1.72	2.76	1	20	3	99	0.00	0.0	2.026	0.096	0	0	0	5		
PL.33972	PL.16903	B	2ACSR	7.46Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	2.107	0.081	0	0	0	1		
0183133	PL.33972	B	Consumer	7.46Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	2.107	0.000	0	0	1	1		
PL.1565	PL.16903	B	4ACSR	7.46Y	124.3	0.00	1.72	0.65	0	5	1	98	0.00	0.0	2.083	0.057	0	0	0	1		
018310	PL.1565	B	Consumer	7.46Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	2.083	0.000	0	0	0	0		
018398	PL.1565	B	Consumer	7.46Y	124.3	0.00	1.72	0.65	0	5	1	98	0.00	0.0	2.083	0.000	5	1	1	1		
018309	PL.16903	B	Consumer	7.46Y	124.3	0.00	1.72	0.27	0	2	0	100	0.00	0.0	2.026	0.000	2	0	1	1		
018308	PL.16903	B	Consumer	7.46Y	124.3	0.00	1.72	1.40	0	10	2	98	0.00	0.0	2.026	0.000	10	2	1	1		
0183109	PL.16903	B	Consumer	7.46Y	124.3	0.00	1.72	0.45	0	3	1	95	0.00	0.0	2.026	0.000	3	1	1	1		
018351	PL.5831	B	Consumer	7.46Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	1.816	0.000	0	0	0	0		
018380	PL.5831	A	Consumer	7.47Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	1.816	0.000	0	0	0	0		
0183114	PL.5831	C	Consumer	7.49Y	124.9	0.00	1.11	0.31	0	2	0	100	0.00	0.0	1.816	0.000	2	0	1	1		
PL.1197	PL.4865	B	4ACSR	7.46Y	124.4	0.01	1.61	9.57	5	71	11	99	0.00	0.0	1.711	0.021	0	0	0	11		
C PD.1905	PL.1197	B	fuse6AMP	7.46Y	124.4	0.00	1.61	9.57	164	71	11	99	0.00	0.0	1.711	0.000	0	0	0	11 C		
PL.5828	PD.1905	B	4ACSR	7.46Y	124.4	0.01	1.62	9.57	5	71	11	99	0.01	0.0	1.735	0.024	0	0	0	11		
PL.5829	PL.5828	B	4ACSR	7.46Y	124.4	0.00	1.62	9.57	5	71	11	99	0.00	0.0	1.745	0.010	0	0	0	11		

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
PL.1553	PL.5829	B	4ACSR	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	1.781	0.036	0	0	0	0
018328	PL.1553	B	Consumer	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	1.781	0.000	0	0	0	0
PL.1557	PL.5829	B	4ACSR	7.46Y	124.4	0.01	1.63	9.57	5	71	11	99	0.01	0.0	1.775	0.030	0	0	0	11
PL.1556	PL.1557	B	4ACSR	7.46Y	124.4	0.01	1.64	6.41	3	47	8	99	0.00	0.0	1.800	0.024	0	0	0	7
PL.5826	PL.1556	B	4ACSR	7.46Y	124.4	0.00	1.64	3.53	2	26	4	99	0.00	0.0	1.826	0.026	0	0	0	5
018319	PL.5826	B	Consumer	7.46Y	124.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	1.826	0.000	0	0	0	0
PL.5827	PL.5826	B	4ACSR	7.46Y	124.4	0.00	1.65	3.53	2	26	4	99	0.00	0.0	1.831	0.005	0	0	0	5
PL.1554	PL.5827	B	4ACSR	7.46Y	124.4	0.00	1.65	1.06	1	8	1	99	0.00	0.0	1.852	0.022	0	0	0	2
PL.1555	PL.1554	B	4ACSR	7.46Y	124.4	0.00	1.65	1.06	1	8	1	99	0.00	0.0	1.924	0.071	0	0	0	2
PL.1558	PL.1555	B	4ACSR	7.46Y	124.3	0.00	1.65	1.06	1	8	1	99	0.00	0.0	1.982	0.058	0	0	0	2
018368	PL.1558	B	Consumer	7.46Y	124.3	0.00	1.65	0.93	0	7	1	99	0.00	0.0	1.982	0.000	7	1	1	1
018385	PL.1558	B	Consumer	7.46Y	124.3	0.00	1.65	0.13	0	1	0	100	0.00	0.0	1.982	0.000	1	0	1	1
PL.1559	PL.1558	B	4ACSR	7.46Y	124.3	0.00	1.65	0.00	0	0	0	100	0.00	0.0	2.039	0.057	0	0	0	0
PL.1560	PL.1559	B	4ACSR	7.46Y	124.3	0.00	1.65	0.00	0	0	0	100	0.00	0.0	2.114	0.074	0	0	0	0
PL.20284	PL.5827	B	4ACSR	7.46Y	124.4	0.00	1.65	2.46	1	18	3	99	0.00	0.0	1.848	0.017	0	0	0	3
018372	PL.20284	B	Consumer	7.46Y	124.4	0.00	1.65	0.00	0	0	0	100	0.00	0.0	1.848	0.000	0	0	0	0
018390	PL.20284	B	Consumer	7.46Y	124.4	0.00	1.65	1.16	0	9	1	99	0.00	0.0	1.848	0.000	9	1	1	1
PL.20285	PL.20284	B	4ACSR	7.46Y	124.4	0.00	1.65	1.30	1	10	2	98	0.00	0.0	1.875	0.027	0	0	0	2
018366	PL.20285	B	Consumer	7.46Y	124.4	0.00	1.65	0.51	0	4	1	97	0.00	0.0	1.875	0.000	4	1	1	1
018394	PL.20285	B	Consumer	7.46Y	124.4	0.00	1.65	0.00	0	0	0	100	0.00	0.0	1.875	0.000	0	0	0	0
018365	PL.20285	B	Consumer	7.46Y	124.4	0.00	1.65	0.79	0	6	1	99	0.00	0.0	1.875	0.000	6	1	1	1
0183104	PL.1556	B	Consumer	7.46Y	124.4	0.00	1.64	0.82	0	6	1	99	0.00	0.0	1.800	0.000	6	1	1	1
0183130	PL.1556	B	Consumer	7.46Y	124.4	0.00	1.64	2.06	0	15	2	99	0.00	0.0	1.800	0.000	15	2	1	1
018388	PL.1557	B	Consumer	7.46Y	124.4	0.00	1.63	0.00	0	0	0	100	0.00	0.0	1.775	0.000	0	0	0	0
018364	PL.1557	B	Consumer	7.46Y	124.4	0.00	1.63	0.74	0	5	1	98	0.00	0.0	1.775	0.000	5	1	1	1
PL.16908	PL.1557	B	4ACSR	7.46Y	124.4	0.00	1.63	2.42	1	18	3	99	0.00	0.0	1.781	0.006	0	0	0	3
PD.1921	PL.16908	B	fuse6AMP	7.46Y	124.4	0.00	1.63	2.42	41	18	3	99	0.00	0.0	1.781	0.000	0	0	0	3
PL.16909	PD.1921	B	4ACSR	7.46Y	124.4	0.00	1.64	2.42	1	18	3	99	0.00	0.0	1.827	0.046	0	0	0	3
0183127	PL.16909	B	Consumer	7.46Y	124.4	0.00	1.64	0.56	0	4	1	97	0.00	0.0	1.827	0.000	4	1	1	1
PL.26272	PL.16909	B	4ACSR	7.46Y	124.4	0.00	1.64	1.86	1	14	2	99	0.00	0.0	1.876	0.049	0	0	0	2
PL.11777	PL.26272	B	4ACSR	7.46Y	124.3	0.01	1.65	1.86	1	14	2	99	0.00	0.0	1.961	0.085	0	0	0	2
PL.1226	PL.11777	B	4ACSR	7.46Y	124.3	0.01	1.66	1.15	1	8	1	99	0.00	0.0	2.181	0.220	0	0	0	1
0183115	PL.1226	B	Consumer	7.46Y	124.3	0.00	1.66	1.15	0	8	1	99	0.00	0.0	2.181	0.000	8	1	1	1
PL.9943	PL.11777	B	4ACSR	7.46Y	124.3	0.00	1.65	0.71	0	5	1	98	0.00	0.0	2.050	0.089	0	0	0	1
0183100	PL.9943	B	Consumer	7.46Y	124.3	0.00	1.65	0.71	0	5	1	98	0.00	0.0	2.050	0.000	5	1	1	1
018377	PL.4865	B	Consumer	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	1.690	0.000	0	0	0	0
018362	PL.4865	B	Consumer	7.46Y	124.4	0.00	1.60	0.13	0	1	0	100	0.00	0.0	1.690	0.000	1	0	1	1
018387	PL.4865	B	Consumer	7.46Y	124.4	0.00	1.60	0.24	0	2	1	89	0.00	0.0	1.690	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
018382	PL.4865	B	Consumer	7.46Y	124.4	0.00	1.60	0.36	0	3	0	100	0.00	0.0	1.690	0.000	3	0	1	1
018339	PL.11717	B	Consumer	7.47Y	124.5	0.00	1.51	1.69	0	11	5	91	0.00	0.0	1.534	0.000	11	5	1	1
018343	PL.11717	B	Consumer	7.47Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	1.534	0.000	0	0	0	0
PL.16906	PL.11716	C	4ACSR	7.50Y	125.0	0.01	1.04	1.33	1	10	2	98	0.00	0.0	1.534	0.103	0	0	0	3
PD.1907	PL.16906	C	fuse6AMP	7.50Y	125.0	0.00	1.04	1.33	23	10	2	98	0.00	0.0	1.534	0.000	0	0	0	3
PL.16907	PD.1907	C	4ACSR	7.50Y	125.0	0.00	1.04	1.33	1	10	2	98	0.00	0.0	1.544	0.010	0	0	0	3
PL.1549	PL.16907	C	4ACSR	7.50Y	125.0	0.00	1.05	1.25	1	9	1	99	0.00	0.0	1.633	0.089	0	0	0	2
PL.1626	PL.1549	C	4ACSR	7.50Y	125.0	0.00	1.05	0.58	0	4	1	97	0.00	0.0	1.652	0.019	0	0	0	1
PL.1627	PL.1626	C	4ACSR	7.50Y	125.0	0.00	1.05	0.58	0	4	1	97	0.00	0.0	1.693	0.040	0	0	0	1
PL.29912	PL.1627	C	4ACSR	7.50Y	125.0	0.00	1.05	0.58	0	4	1	97	0.00	0.0	1.726	0.033	0	0	0	1
0193117	PL.29912	C	Consumer	7.50Y	125.0	0.00	1.05	0.58	0	4	1	97	0.00	0.0	1.726	0.000	4	1	1	1
019387	PL.1627	C	Consumer	7.50Y	125.0	0.00	1.05	0.00	0	0	0	100	0.00	0.0	1.693	0.000	0	0	0	0
019333	PL.1549	C	Consumer	7.50Y	125.0	0.00	1.05	0.67	0	5	1	98	0.00	0.0	1.633	0.000	5	1	1	1
0183124	PL.16907	C	Consumer	7.50Y	125.0	0.00	1.04	0.08	0	1	0	100	0.00	0.0	1.544	0.000	1	0	1	1
0183126	PL.24538	B	Consumer	7.48Y	124.6	0.00	1.41	0.90	0	7	1	99	0.00	0.0	1.364	0.000	7	1	1	1
019345	PL.11715	B	Consumer	7.48Y	124.7	0.00	1.31	2.01	0	15	2	99	0.00	0.0	1.208	0.000	15	2	1	1
PL.17143	PL.17845	A C	4ACSR	7.49Y 7.50Y	124.8 125.0	0.01 0.00	1.19 1.00	5.17 0.86	3 0	38 6	8 3	98 90	0.00 0.00	0.0 0.0	1.233	0.061	0 0	0 0	0 0	7 1
PL.31005	PL.17143	A	4ACSR	7.49Y	124.8	0.00	1.19	3.12	2	23	4	99	0.00	0.0	1.244	0.011	0	0	0	4
PL.31006	PL.31005	A	4ACSR	7.49Y	124.8	0.01	1.20	3.12	2	23	4	99	0.00	0.0	1.321	0.077	0	0	0	4
PL.1561	PL.31006	A	4ACSR	7.49Y	124.8	0.00	1.20	1.41	1	10	2	98	0.00	0.0	1.389	0.068	0	0	0	1
019329	PL.1561	A	Consumer	7.49Y	124.8	0.00	1.20	1.41	0	10	2	98	0.00	0.0	1.389	0.000	10	2	1	1
PL.1551	PL.31006	A	4ACSR	7.49Y	124.8	0.00	1.20	0.85	0	6	1	99	0.00	0.0	1.385	0.064	0	0	0	1
PL.1552	PL.1551	A	4ACSR	7.49Y	124.8	0.00	1.20	0.85	0	6	1	99	0.00	0.0	1.463	0.078	0	0	0	1
019375	PL.1552	A	Consumer	7.49Y	124.8	0.00	1.20	0.85	0	6	1	99	0.00	0.0	1.463	0.000	6	1	1	1
0193120	PL.31006	A	Consumer	7.49Y	124.8	0.00	1.20	0.05	0	0	0	100	0.00	0.0	1.321	0.000	0	0	1	1
019332	PL.31006	A	Consumer	7.49Y	124.8	0.00	1.20	0.81	0	6	1	99	0.00	0.0	1.321	0.000	6	1	1	1
019309	PL.17143	A	Consumer	7.49Y	124.8	0.00	1.19	0.73	0	5	1	98	0.00	0.0	1.233	0.000	5	1	1	1
0193103	PL.17143	A C	Consumer	7.49Y 7.50Y	124.8 125.0	0.00 0.00	1.19 1.00	0.86 0.86	0 0	6 6	3 3	89 90	0.00 0.00	0.0 0.0	1.233	0.000	6 6	3 3	1 1	1 1
019327	PL.17143	A	Consumer	7.49Y	124.8	0.00	1.19	0.50	0	4	1	97	0.00	0.0	1.233	0.000	4	1	1	1
PL.45761	PL.45759	C	2ACSR	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	1.073	0.022	0	0	0	0
PD.8678	PL.45761	C	fuse6AMP	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	1.073	0.000	0	0	0	0
PL.45762	PD.8678	C	2ACSR	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	1.312	0.240	0	0	0	0
PL.45756	PL.45754	A	2ACSR	7.49Y	124.9	0.00	1.11	0.00	0	0	0	100	0.00	0.0	1.029	0.004	0	0	0	0
PD.8677	PL.45756	A	fuse6AMP	7.49Y	124.9	0.00	1.11	0.00	0	0	0	100	0.00	0.0	1.029	0.000	0	0	0	0
PL.45757	PD.8677	A	2ACSR	7.49Y	124.9	0.00	1.11	0.00	0	0	0	100	0.00	0.0	1.060	0.031	0	0	0	0
PL.30927	PL.30854	A B C	4/0ACSR	7.50Y 7.49Y 7.50Y	124.9 124.8 125.0	0.00 0.00 0.00	1.08 1.15 0.96	98.00 87.75 92.30	21 19 20	726 649 683	109 103 116	99 99 99	0.02 0.00 0.00	0.0	0.961	0.002	0 0 0	0 0 0	0 0 0	101 98 112

Unbalanced Voltage Drop Report
Source: CLAY CITY

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

10/22/2007 09:26 Page 325

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.17136	PL.30927	A	4ACSR	7.50Y	124.9	0.00	1.08	1.96	1	14	2	99	0.00	0.0	0.972	0.011	0	0	0	4
PD.1933	PL.17136	A	fuse6AMP	7.50Y	124.9	0.00	1.08	1.96	33	14	2	99	0.00	0.0	0.972	0.000	0	0	0	4
PL.17137	PD.1933	A	4ACSR	7.49Y	124.9	0.01	1.08	1.96	1	14	2	99	0.00	0.0	1.052	0.080	0	0	0	4
PL.27848	PL.17137	A	4ACSR	7.49Y	124.9	0.00	1.08	0.75	0	6	1	99	0.00	0.0	1.084	0.032	0	0	0	3
018454	PL.27848	A	Consumer	7.49Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.084	0.000	0	0	0	0
018462	PL.27848	A	Consumer	7.49Y	124.9	0.00	1.08	0.15	0	1	0	100	0.00	0.0	1.084	0.000	1	0	1	1
0184128	PL.27848	A	Consumer	7.49Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.084	0.000	0	0	0	0
PL.21173	PL.27848	A	4ACSR	7.49Y	124.9	0.00	1.09	0.61	0	4	1	97	0.00	0.0	1.103	0.019	0	0	0	2
PD.2731-A	PL.21173	A	Closed	7.49Y	124.9	0.00	1.09	0.61	0	4	1	97	0.00	0.0	1.103	0.000	0	0	0	2
PD.2731-B	PD.2731-A	A	Closed	7.49Y	124.9	0.00	1.09	0.61	0	4	1	97	0.00	0.0	1.103	0.000	0	0	0	2
PL.21174	PD.2731-B	A	4ACSR	7.49Y	124.9	0.00	1.09	0.61	0	4	1	97	0.00	0.0	1.110	0.007	0	0	0	2
018420	PL.21174	A	Consumer	7.49Y	124.9	0.00	1.09	0.40	0	3	0	100	0.00	0.0	1.110	0.000	3	0	1	1
018425	PL.21174	A	Consumer	7.49Y	124.9	0.00	1.09	0.21	0	2	0	100	0.00	0.0	1.110	0.000	2	0	1	1
018426	PL.17137	A	Consumer	7.49Y	124.9	0.00	1.08	1.20	0	9	1	99	0.00	0.0	1.052	0.000	9	1	1	1
PL.30928	PL.30927	A	4/0ACSR	7.49Y	124.9	0.03	1.11	96.04	20	712	107	99	0.45	0.0	1.002	0.041	0	0	0	97
		B		7.49Y	124.8	0.03	1.18	87.75	19	649	103	99					0	0	0	98
		C		7.50Y	125.0	0.04	1.00	92.30	20	683	116	99					0	0	0	112
PD.155-A	PL.30928	A	Closed	7.49Y	124.9	0.00	1.11	96.04	0	712	106	99	0.00	0.0	1.002	0.000	0	0	0	97
		B		7.49Y	124.8	0.00	1.18	87.75	0	649	102	99					0	0	0	98
		C		7.50Y	125.0	0.00	1.00	92.30	0	683	116	99					0	0	0	112
PD.155-B	PD.155-A	A	Closed	7.49Y	124.9	0.00	1.11	96.04	0	712	106	99	0.00	0.0	1.002	0.000	0	0	0	97
		B		7.49Y	124.8	0.00	1.18	87.75	0	649	102	99					0	0	0	98
		C		7.50Y	125.0	0.00	1.00	92.30	0	683	116	99					0	0	0	112
PL.20315	PD.155-B	A	4/0ACSR	7.49Y	124.8	0.04	1.15	96.04	20	712	106	99	0.53	0.0	1.051	0.048	0	0	0	97
		B		7.49Y	124.8	0.04	1.22	87.75	19	649	102	99					0	0	0	98
		C		7.50Y	125.0	0.04	1.04	92.30	20	683	116	99					0	0	0	112
018452	PL.20315	A	Consumer	7.49Y	124.8	0.00	1.15	1.36	0	10	2	98	0.00	0.0	1.051	0.000	10	2	1	1
018417	PL.20315	B	Consumer	7.49Y	124.8	0.00	1.22	0.02	0	0	0	100	0.00	0.0	1.051	0.000	0	0	1	1
018427	PL.20315	A	Consumer	7.49Y	124.8	0.00	1.15	0.60	0	4	1	97	0.00	0.0	1.051	0.000	4	1	1	1
PL.4488	PL.20315	A	4/0ACSR	7.49Y	124.8	0.03	1.18	94.09	20	697	104	99	0.37	0.0	1.085	0.035	0	0	0	95
		B		7.49Y	124.8	0.03	1.24	87.73	19	649	102	99					0	0	0	97
		C		7.50Y	124.9	0.03	1.07	92.30	20	682	115	99					0	0	0	112
018498	PL.4488	B	Consumer	7.49Y	124.8	0.00	1.24	1.34	0	10	2	98	0.00	0.0	1.085	0.000	10	2	1	1
018431	PL.4488	A	Consumer	7.49Y	124.8	0.00	1.18	1.22	0	9	1	99	0.00	0.0	1.085	0.000	9	1	1	1
PL.11556	PL.4488	A	4/0ACSR	7.49Y	124.8	0.04	1.22	92.87	20	688	102	99	0.47	0.0	1.130	0.045	0	0	0	94
		B		7.48Y	124.7	0.03	1.28	86.40	18	639	100	99					0	0	0	96
		C		7.49Y	124.9	0.04	1.11	92.30	20	682	115	99					0	0	0	112
PL.11558	PL.11556	A	4/0ACSR	7.48Y	124.7	0.06	1.27	90.63	19	671	99	99	0.75	0.0	1.203	0.073	0	0	0	90
		B		7.48Y	124.7	0.06	1.33	86.40	18	639	100	99					0	0	0	96
		C		7.49Y	124.8	0.07	1.18	92.30	20	682	115	99					0	0	0	112
PL.11559	PL.11558	A	4/0ACSR	7.48Y	124.7	0.06	1.33	87.06	19	645	94	99	0.81	0.0	1.284	0.081	0	0	0	85
		B		7.48Y	124.6	0.06	1.40	84.77	18	626	98	99					0	0	0	93
		C		7.48Y	124.7	0.07	1.25	92.30	20	682	114	99					0	0	0	112
018473	PL.11559	B	Consumer	7.48Y	124.6	0.00	1.40	0.37	0	3	0	100	0.00	0.0	1.284	0.000	3	0	1	1
0184132	PL.11559	A	Consumer	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	1.284	0.000	0	0	0	0
0184103	PL.11559	A	Consumer	7.48Y	124.7	0.00	1.33	1.51	0	11	2	98	0.00	0.0	1.284	0.000	11	2	1	1

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

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 0184124, 018463, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
0183116	PL.17834	A	Consumer	7.47Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	1.652	0.000	0	0	1	1
PL.1202	PL.17834	A	4ACSR	7.47Y	124.4	0.00	1.57	1.35	1	10	2	98	0.00	0.0	1.703	0.051	0	0	0	1
018393	PL.1202	A	Consumer	7.47Y	124.4	0.00	1.57	1.35	0	10	2	98	0.00	0.0	1.703	0.000	10	2	1	1
PL.17831	PL.17834	A	4/0ACSR	7.47Y	124.4	0.00	1.57	79.47	17	588	83	99	0.07	0.0	1.660	0.008	0	0	0	76
		B		7.46Y	124.3	0.01	1.68	76.68	16	566	80	99					0	0	0	80
		C		7.46Y	124.4	0.01	1.59	91.26	19	673	108	99					0	0	0	109
PL.17832	PL.17831	A	4/0ACSR	7.46Y	124.4	0.03	1.60	79.47	17	587	83	99	0.49	0.0	1.715	0.055	0	0	0	76
		B		7.46Y	124.3	0.04	1.72	76.68	16	566	80	99					0	0	0	80
		C		7.46Y	124.4	0.05	1.64	91.26	19	673	108	99					0	0	0	109
018378	PL.17832	C	Consumer	7.46Y	124.4	0.00	1.64	0.84	0	6	1	99	0.00	0.0	1.715	0.000	6	1	1	1
018335	PL.17832	B	Consumer	7.46Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	1.715	0.000	0	0	1	1
018334	PL.17832	B	Consumer	7.46Y	124.3	0.00	1.72	0.55	0	4	1	97	0.00	0.0	1.715	0.000	4	1	1	1
PL.11561	PL.17832	A	4/0ACSR	7.46Y	124.4	0.03	1.63	79.47	17	587	82	99	0.37	0.0	1.758	0.043	0	0	0	76
		B		7.46Y	124.3	0.03	1.75	76.13	16	562	79	99					0	0	0	78
		C		7.46Y	124.3	0.04	1.68	90.42	19	666	107	99					0	0	0	108
PL.11562	PL.11561	A	4/0ACSR	7.46Y	124.3	0.02	1.65	76.43	16	565	79	99	0.34	0.0	1.797	0.040	0	0	0	72
		B		7.45Y	124.2	0.03	1.78	76.13	16	562	79	99					0	0	0	78
		C		7.46Y	124.3	0.04	1.72	90.42	19	666	107	99					0	0	0	108
018331	PL.11562	B	Consumer	7.45Y	124.2	0.00	1.78	0.62	0	5	1	98	0.00	0.0	1.797	0.000	5	1	1	1
018345	PL.11562	C	Consumer	7.46Y	124.3	0.00	1.72	0.18	0	1	0	100	0.00	0.0	1.797	0.000	1	0	1	1
PL.5834	PL.11562	A	4/0ACSR	7.46Y	124.3	0.02	1.68	76.43	16	565	78	99	0.36	0.0	1.839	0.042	0	0	0	72
		B		7.45Y	124.2	0.03	1.81	75.51	16	557	78	99					0	0	0	77
		C		7.45Y	124.2	0.04	1.75	90.24	19	664	106	99					0	0	0	107
PL.16914	PL.5834	C	4ACSR	7.45Y	124.2	0.00	1.75	1.17	1	9	1	99	0.00	0.0	1.845	0.006	0	0	0	2
PD.1800	PL.16914	C	fuse6AMP	7.45Y	124.2	0.00	1.75	1.17	20	9	1	99	0.00	0.0	1.845	0.000	0	0	0	2
PL.16915	PD.1800	C	4ACSR	7.45Y	124.2	0.00	1.76	1.17	1	9	1	99	0.00	0.0	1.863	0.018	0	0	0	2
PL.1201	PL.16915	C	4ACSR	7.45Y	124.2	0.00	1.76	1.17	1	9	1	99	0.00	0.0	1.912	0.048	0	0	0	2
018347	PL.1201	C	Consumer	7.45Y	124.2	0.00	1.76	0.72	0	5	1	98	0.00	0.0	1.912	0.000	5	1	1	1
018344	PL.1201	C	Consumer	7.45Y	124.2	0.00	1.76	0.44	0	3	1	95	0.00	0.0	1.912	0.000	3	1	1	1
PL.5877	PL.5834	A	4/0ACSR	7.46Y	124.3	0.02	1.70	71.61	15	529	73	99	0.32	0.0	1.878	0.039	0	0	0	65
		B		7.45Y	124.2	0.03	1.84	75.29	16	556	78	99					0	0	0	76
		C		7.45Y	124.2	0.03	1.79	89.07	19	656	105	99					0	0	0	105
018317	PL.5877	B	Consumer	7.45Y	124.2	0.00	1.84	0.41	0	3	0	100	0.00	0.0	1.878	0.000	3	0	1	1
PL.5878	PL.5877	A	4/0ACSR	7.46Y	124.3	0.03	1.73	71.61	15	529	72	99	0.56	0.0	1.948	0.070	0	0	0	65
		B		7.45Y	124.1	0.05	1.89	74.88	16	552	77	99					0	0	0	75
		C		7.45Y	124.2	0.06	1.85	89.07	19	656	104	99					0	0	0	105
PL.39875	PL.5878	A	4/0ACSR	7.46Y	124.3	0.02	1.75	71.61	15	529	72	99	0.29	0.0	1.985	0.037	0	0	0	65
		B		7.45Y	124.1	0.03	1.91	73.29	16	541	75	99					0	0	0	72
		C		7.45Y	124.1	0.03	1.88	89.07	19	655	104	99					0	0	0	105
018356	PL.39875	C	Consumer	7.45Y	124.1	0.00	1.88	0.14	0	1	0	100	0.00	0.0	1.985	0.000	1	0	1	1
018341	PL.39875	B	Consumer	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	1.985	0.000	0	0	1	1
PL.39876	PL.39875	A	4/0ACSR	7.45Y	124.2	0.01	1.76	71.61	15	529	72	99	0.22	0.0	2.013	0.028	0	0	0	65
		B		7.44Y	124.1	0.02	1.93	73.12	16	539	75	99					0	0	0	69
		C		7.45Y	124.1	0.02	1.91	88.93	19	654	103	99					0	0	0	104
PL.5875	PL.39876	A	4/0ACSR	7.45Y	124.2	0.02	1.78	71.61	15	529	72	99	0.29	0.0	2.049	0.036	0	0	0	65
		B		7.44Y	124.0	0.03	1.96	73.12	16	539	75	99					0	0	0	69
		C		7.44Y	124.1	0.03	1.94	88.93	19	654	103	99					0	0	0	104

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.5881	PL.5875	A	4/0ACSR	7.45Y	124.2	0.03	1.81	70.25	15	519	70	99	0.51	0.0	2.113	0.065	0	0	0	64
		B		7.44Y	124.0	0.05	2.01	73.12	16	539	75	99					0	0	0	69
		C		7.44Y	124.0	0.06	1.99	88.93	19	654	103	99					0	0	0	104
017304	PL.5881	B	Consumer	7.44Y	124.0	0.00	2.01	1.27	0	9	1	99	0.00	0.0	2.113	0.000	9	1	1	1
017359	PL.5881	B	Consumer	7.44Y	124.0	0.00	2.01	1.21	0	9	1	99	0.00	0.0	2.113	0.000	9	1	1	1
017303	PL.5881	B	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	2.113	0.000	0	0	0	0
017321	PL.5881	B	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	2.113	0.000	0	0	0	0
017324	PL.5881	B	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	2.113	0.000	0	0	0	0
PL.11563	PL.5881	A	4/0ACSR	7.45Y	124.1	0.08	1.89	70.25	15	519	70	99	1.27	0.1	2.278	0.165	0	0	0	64
		B		7.43Y	123.9	0.11	2.12	70.65	15	521	71	99					0	0	0	67
		C		7.43Y	123.9	0.15	2.14	88.93	19	654	102	99					0	0	0	104
PL.11564	PL.11563	A	4/0ACSR	7.44Y	124.1	0.03	1.92	70.25	15	519	69	99	0.52	0.0	2.347	0.069	0	0	0	64
		B		7.43Y	123.8	0.05	2.17	69.90	15	515	70	99					0	0	0	66
		C		7.43Y	123.8	0.06	2.20	87.34	19	641	99	99					0	0	0	103
PL.16675	PL.11564	C	4ACSR	7.43Y	123.8	0.00	2.20	1.37	1	10	2	98	0.00	0.0	2.352	0.005	0	0	0	3
PD.1902	PL.16675	C	fuse6AMP	7.43Y	123.8	0.00	2.20	1.37	23	10	2	98	0.00	0.0	2.352	0.000	0	0	0	3
PL.16676	PD.1902	C	4ACSR	7.43Y	123.8	0.00	2.20	1.37	1	10	2	98	0.00	0.0	2.398	0.046	0	0	0	3
PL.5883	PL.16676	C	4ACSR	7.43Y	123.8	0.00	2.21	1.28	1	9	2	98	0.00	0.0	2.448	0.051	0	0	0	1
017348	PL.5883	C	Consumer	7.43Y	123.8	0.00	2.21	1.28	0	9	2	98	0.00	0.0	2.448	0.000	9	2	1	1
017314	PL.16676	C	Consumer	7.43Y	123.8	0.00	2.20	0.09	0	1	0	100	0.00	0.0	2.398	0.000	1	0	1	1
017352	PL.16676	C	Consumer	7.43Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	2.398	0.000	0	0	0	0
017323	PL.16676	C	Consumer	7.43Y	123.8	0.00	2.20	0.00	0	0	0	100	0.00	0.0	2.398	0.000	0	0	1	1
PL.11565	PL.11564	A	4/0ACSR	7.44Y	124.1	0.01	1.93	70.25	15	518	69	99	0.19	0.0	2.372	0.025	0	0	0	64
		B		7.43Y	123.8	0.02	2.18	69.90	15	515	70	99					0	0	0	66
		C		7.43Y	123.8	0.02	2.22	85.98	18	631	97	99					0	0	0	100
PL.11337	PL.11565	A	4/0ACSR	7.44Y	124.0	0.04	1.97	70.25	15	518	69	99	0.58	0.0	2.450	0.078	0	0	0	64
		B		7.43Y	123.8	0.05	2.24	69.90	15	515	70	99					0	0	0	66
		C		7.42Y	123.7	0.07	2.29	85.98	18	631	97	99					0	0	0	100
PL.16075	PL.11337	A	4ACSR	7.44Y	124.0	0.00	1.97	3.11	2	23	4	99	0.00	0.0	2.458	0.007	0	0	0	7
PD.1798	PL.16075	A	fuse6AMP	7.44Y	124.0	0.00	1.97	3.11	53	23	4	99	0.00	0.0	2.458	0.000	0	0	0	7
PL.16076	PD.1798	A	4ACSR	7.44Y	124.0	0.00	1.97	3.11	2	23	4	99	0.00	0.0	2.476	0.018	0	0	0	7
PL.5952	PL.16076	A	4ACSR	7.44Y	124.0	0.00	1.97	3.11	2	23	4	99	0.00	0.0	2.481	0.005	0	0	0	7
PL.11341	PL.5952	A	4ACSR	7.44Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	2.509	0.028	0	0	0	0
017360	PL.5952	A	Consumer	7.44Y	124.0	0.00	1.97	0.41	0	3	0	100	0.00	0.0	2.481	0.000	3	0	1	1
017334	PL.5952	A	Consumer	7.44Y	124.0	0.00	1.97	1.04	0	8	1	99	0.00	0.0	2.481	0.000	8	1	1	1
017308	PL.5952	A	Consumer	7.44Y	124.0	0.00	1.97	0.55	0	4	1	97	0.00	0.0	2.481	0.000	4	1	1	1
574902	PL.5952	A	Consumer	7.44Y	124.0	0.00	1.97	0.23	0	2	0	100	0.00	0.0	2.481	0.000	2	0	1	1
PL.11340	PL.5952	A	4ACSR	7.44Y	124.0	0.00	1.97	0.89	0	7	1	99	0.00	0.0	2.484	0.003	0	0	0	3
PL.3562	PL.11340	A	4ACSR	7.44Y	124.0	0.00	1.97	0.89	0	7	1	99	0.00	0.0	2.501	0.017	0	0	0	3
574905	PL.3562	A	Consumer	7.44Y	124.0	0.00	1.97	0.48	0	4	1	97	0.00	0.0	2.501	0.000	4	1	1	1
574904	PL.3562	A	Consumer	7.44Y	124.0	0.00	1.97	0.25	0	2	0	100	0.00	0.0	2.501	0.000	2	0	1	1
574906	PL.3562	A	Consumer	7.44Y	124.0	0.00	1.97	0.16	0	1	0	100	0.00	0.0	2.501	0.000	1	0	1	1
PL.1204	PL.11337	C	4ACSR	7.42Y	123.7	0.00	2.29	6.82	4	50	8	99	0.00	0.0	2.461	0.011	0	0	0	8

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
C PD.1903	PL.1204	C	fuse6AMP	7.42Y	123.7	0.00	2.29	6.82	117	50	8	99	0.00	0.0	2.461	0.000	0	0	0	8 C
PL.5950	PD.1903	C	4ACSR	7.42Y	123.7	0.03	2.32	6.82	4	50	8	99	0.01	0.0	2.561	0.100	0	0	0	8
017328	PL.5950	C	Consumer	7.42Y	123.7	0.00	2.32	1.16	0	9	1	99	0.00	0.0	2.561	0.000	9	1	1	1
017343	PL.5950	C	Consumer	7.42Y	123.7	0.00	2.32	0.91	0	7	1	99	0.00	0.0	2.561	0.000	7	1	1	1
PL.5951	PL.5950	C	4ACSR	7.42Y	123.6	0.03	2.35	4.75	2	35	6	99	0.01	0.0	2.709	0.148	0	0	0	6
PL.1203	PL.5951	C	4ACSR	7.42Y	123.6	0.01	2.36	4.75	2	35	6	99	0.00	0.0	2.757	0.048	0	0	0	6
PL.5879	PL.1203	C	4ACSR	7.42Y	123.6	0.00	2.36	4.75	2	35	6	99	0.00	0.0	2.758	0.001	0	0	0	6
PL.5880	PL.5879	C	4ACSR	7.42Y	123.6	0.02	2.38	2.43	1	18	3	99	0.00	0.0	2.902	0.144	0	0	0	4
017361	PL.5880	C	Consumer	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	2.902	0.000	0	0	0	0
017375	PL.5880	C	Consumer	7.42Y	123.6	0.00	2.38	0.01	0	0	0	100	0.00	0.0	2.902	0.000	0	0	1	1
PL.24535	PL.5880	C	4ACSR	7.42Y	123.6	0.00	2.38	2.43	1	18	3	99	0.00	0.0	2.935	0.033	0	0	0	3
017365	PL.24535	C	Consumer	7.42Y	123.6	0.00	2.38	1.07	0	8	1	99	0.00	0.0	2.935	0.000	8	1	1	1
PL.11342	PL.24535	C	4ACSR	7.42Y	123.6	0.00	2.38	1.35	1	10	2	98	0.00	0.0	2.961	0.026	0	0	0	2
PL.11343	PL.11342	C	4ACSR	7.42Y	123.6	0.01	2.39	1.17	1	9	1	99	0.00	0.0	3.100	0.139	0	0	0	1
0183121	PL.11343	C	Consumer	7.42Y	123.6	0.00	2.39	1.17	0	9	1	99	0.00	0.0	3.100	0.000	9	1	1	1
PL.1228	PL.11342	C	4ACSR	7.42Y	123.6	0.00	2.38	0.18	0	1	0	100	0.00	0.0	3.126	0.166	0	0	0	1
017378	PL.1228	C	Consumer	7.42Y	123.6	0.00	2.38	0.18	0	1	0	100	0.00	0.0	3.126	0.000	1	0	1	1
017383	PL.5879	C	Consumer	7.42Y	123.6	0.00	2.36	1.49	0	11	2	98	0.00	0.0	2.758	0.000	11	2	1	1
017337	PL.5879	C	Consumer	7.42Y	123.6	0.00	2.36	0.83	0	6	1	99	0.00	0.0	2.758	0.000	6	1	1	1
017316	PL.5879	C	Consumer	7.42Y	123.6	0.00	2.36	0.00	0	0	0	100	0.00	0.0	2.758	0.000	0	0	0	0
PL.11338	PL.11337	A	4/0ACSR	7.44Y	124.0	0.01	1.98	67.14	14	495	65	99	0.08	0.0	2.462	0.012	0	0	0	57
		B		7.43Y	123.8	0.01	2.24	69.90	15	514	69	99					0	0	0	66
		C		7.42Y	123.7	0.01	2.30	79.15	17	581	89	99					0	0	0	92
PL.202	PL.11338	A	4/0ACSR	7.44Y	124.0	0.05	2.03	67.14	14	495	65	99	0.70	0.0	2.566	0.104	0	0	0	57
		B		7.42Y	123.7	0.07	2.31	69.90	15	514	69	99					0	0	0	66
		C		7.42Y	123.6	0.08	2.38	79.15	17	581	88	99					0	0	0	92
PL.18646	PL.202	A	4ACSR	7.44Y	124.0	0.00	2.03	1.50	1	11	2	98	0.00	0.0	2.570	0.005	0	0	0	2
PD.2848	PL.18646	A	fuse6AMP	7.44Y	124.0	0.00	2.03	1.50	26	11	2	98	0.00	0.0	2.570	0.000	0	0	0	2
PL.18647	PD.2848	A	4ACSR	7.44Y	124.0	0.00	2.03	1.50	1	11	2	98	0.00	0.0	2.613	0.043	0	0	0	2
574901	PL.18647	A	Consumer	7.44Y	124.0	0.00	2.03	0.88	0	6	1	99	0.00	0.0	2.613	0.000	6	1	1	1
574907	PL.18647	A	Consumer	7.44Y	124.0	0.00	2.03	0.62	0	5	1	98	0.00	0.0	2.613	0.000	5	1	1	1
PL.21884	PL.202	C	4ACSR	7.42Y	123.6	0.00	2.38	0.32	0	2	1	89	0.00	0.0	2.573	0.008	0	0	0	1
PD.3493	PL.21884	C	fuse6AMP	7.42Y	123.6	0.00	2.38	0.32	6	2	1	89	0.00	0.0	2.573	0.000	0	0	0	1
PL.21885	PD.3493	C	4ACSR	7.42Y	123.6	0.00	2.38	0.32	0	2	1	89	0.00	0.0	2.621	0.048	0	0	0	1
574801	PL.21885	C	Consumer	7.42Y	123.6	0.00	2.38	0.32	0	2	1	89	0.00	0.0	2.621	0.000	2	1	1	1
PL.18644	PL.202	C	4ACSR	7.42Y	123.6	0.00	2.38	0.39	0	3	0	100	0.00	0.0	2.572	0.006	0	0	0	1
PL.18645	PL.18644	C	4ACSR	7.42Y	123.6	0.00	2.38	0.39	0	3	0	100	0.00	0.0	2.658	0.086	0	0	0	1
574802	PL.18645	C	Consumer	7.42Y	123.6	0.00	2.38	0.39	0	3	0	100	0.00	0.0	2.658	0.000	3	0	1	1
PL.11352	PL.202	A	4/0ACSR	7.44Y	123.9	0.04	2.07	65.65	14	484	63	99	0.53	0.0	2.646	0.081	0	0	0	55
		B		7.42Y	123.6	0.05	2.37	69.90	15	514	69	99					0	0	0	66
		C		7.41Y	123.6	0.06	2.44	78.45	17	575	86	99					0	0	0	90

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for elements like PL.28051, OH12, OCD17, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PD.7068	PL.38695	A	fuse6AMP	7.41Y	123.6	0.00	2.43	2.52	43	18	3	99	0.00	0.0	3.339	0.000	0	0	0	5
PL.38698	PD.7068	A	4ACSR	7.41Y	123.6	0.00	2.43	2.52	1	18	3	99	0.00	0.0	3.342	0.003	0	0	0	5
PL.38699	PL.38698	A	4ACSR	7.41Y	123.6	0.00	2.43	2.52	1	18	3	99	0.00	0.0	3.352	0.009	0	0	0	4
PL.7534	PL.38699	A	4ACSR	7.41Y	123.6	0.01	2.44	2.43	1	18	3	99	0.00	0.0	3.445	0.093	0	0	0	3
PL.1210	PL.7534	A	4ACSR	7.41Y	123.6	0.01	2.45	2.11	1	15	2	99	0.00	0.0	3.501	0.056	0	0	0	2
017327	PL.1210	A	Consumer	7.41Y	123.6	0.00	2.45	0.97	0	7	1	99	0.00	0.0	3.501	0.000	7	1	1	1
PL.1230	PL.1210	A	4ACSR	7.41Y	123.5	0.01	2.46	1.14	1	8	1	99	0.00	0.0	3.630	0.129	0	0	0	1
017380	PL.1230	A	Consumer	7.41Y	123.5	0.00	2.46	1.14	0	8	1	99	0.00	0.0	3.630	0.000	8	1	1	1
PL.35541	PL.7534	A	2ACSR	7.41Y	123.6	0.00	2.44	0.32	0	2	0	100	0.00	0.0	3.488	0.043	0	0	0	1
0173087	PL.35541	A	Consumer	7.41Y	123.6	0.00	2.44	0.32	0	2	0	100	0.00	0.0	3.488	0.000	2	0	1	1
570801	PL.38699	A	Consumer	7.41Y	123.6	0.00	2.43	0.09	0	1	0	100	0.00	0.0	3.352	0.000	1	0	1	1
PL.38697	PL.38698	A	4ACSR	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	3.475	0.133	0	0	0	1
570901	PL.38697	A	Consumer	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	3.475	0.000	0	0	1	1
5719004	PL.33955	A	Consumer	7.41Y	123.6	0.00	2.42	1.04	0	8	1	99	0.00	0.0	3.302	0.000	8	1	1	1
571903	PL.7531	A	Consumer	7.42Y	123.6	0.00	2.37	1.01	0	7	1	99	0.00	0.0	3.200	0.000	7	1	1	1
571901	PL.7531	A	Consumer	7.42Y	123.6	0.00	2.37	1.18	0	9	1	99	0.00	0.0	3.200	0.000	9	1	1	1
571902	PL.7531	A	Consumer	7.42Y	123.6	0.00	2.37	0.12	0	1	0	100	0.00	0.0	3.200	0.000	1	0	1	1
572005	PL.7532	A	Consumer	7.42Y	123.7	0.00	2.30	0.02	0	0	0	100	0.00	0.0	3.090	0.000	0	0	1	1
572002	PL.7532	A	Consumer	7.42Y	123.7	0.00	2.30	1.02	0	7	1	99	0.00	0.0	3.090	0.000	7	1	1	1
PL.26004	OH13	B C	4ACSR	7.41Y 7.41Y	123.4 123.4	0.04 0.01	2.58 2.57	26.12 15.22	13 8	191 111	31 18	99 99	0.06 0.0	0.0	3.108 3.108	0.030 0.030	0 0	0 0	0 0	37 18
017335	PL.26004	B	Consumer	7.41Y	123.4	0.00	2.58	0.84	0	6	1	99	0.00	0.0	3.108	0.000	6	1	1	1
017310	PL.26004	B	Consumer	7.41Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	3.108	0.000	0	0	1	1
PL.37901	PL.26004	B C	4ACSR	7.40Y 7.40Y	123.3 123.4	0.08 0.03	2.66 2.60	25.27 15.22	13 8	185 111	30 18	99 99	0.14 0.0	0.0	3.177 3.177	0.069 0.069	0 0	0 0	0 0	35 18
PL.37902	PL.37901	B C	4ACSR	7.40Y 7.40Y	123.3 123.4	0.02 0.01	2.69 2.60	25.27 15.22	13 8	185 111	30 18	99 99	0.04 0.0	0.0	3.196 3.196	0.020 0.020	0 0	0 0	0 0	35 18
PL.5959	PL.37902	B	4ACSR	7.39Y	123.2	0.13	2.81	23.11	12	169	27	99	0.16	0.1	3.324	0.127	0	0	0	33
PL.6086	PL.5959	B	4ACSR	7.39Y	123.1	0.06	2.88	22.51	12	164	26	99	0.08	0.0	3.389	0.066	0	0	0	32
PL.77	PL.6086	B	4ACSR	7.39Y	123.1	0.03	2.90	22.51	12	164	26	99	0.03	0.0	3.417	0.027	0	0	0	32
0174039	PL.77	B	Consumer	7.39Y	123.1	0.00	2.90	0.00	0	0	0	100	0.00	0.0	3.417	0.000	0	0	0	0
0174032	PL.77	B	Consumer	7.39Y	123.1	0.00	2.90	1.42	0	10	2	98	0.00	0.0	3.417	0.000	10	2	1	1
PL.11356	PL.77	B	4ACSR	7.38Y	123.1	0.04	2.94	17.60	9	128	21	99	0.04	0.0	3.469	0.053	0	0	0	28
PL.33750	PL.11356	B	4ACSR	7.38Y	123.1	0.00	2.94	1.50	1	11	2	98	0.00	0.0	3.480	0.011	0	0	0	2
PD.4022	PL.33750	B	fuse6AMP	7.38Y	123.1	0.00	2.94	1.50	26	11	2	98	0.00	0.0	3.480	0.000	0	0	0	2
PL.33751	PD.4022	B	4ACSR	7.38Y	123.1	0.00	2.95	1.50	1	11	2	98	0.00	0.0	3.541	0.061	0	0	0	2
PL.27864	PL.33751	B	4ACSR	7.38Y	123.0	0.01	2.95	1.50	1	11	2	98	0.00	0.0	3.632	0.091	0	0	0	2
PL.11357	PL.27864	B	4ACSR	7.38Y	123.0	0.00	2.95	0.09	0	1	0	100	0.00	0.0	3.742	0.110	0	0	0	1
017416	PL.11357	B	Consumer	7.38Y	123.0	0.00	2.95	0.09	0	1	0	100	0.00	0.0	3.742	0.000	1	0	1	1
PL.1686	PL.27864	B	4ACSR	7.38Y	123.0	0.01	2.96	1.41	1	10	2	98	0.00	0.0	3.780	0.148	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss			KW	KVAR	Cons On	Cons Thru	
017417	PL.1686	B	Consumer	7.38Y	123.0	0.00	2.96	1.41	0	10	2	98	0.00	0.0	3.780	0.000	10	2	1	1
PL.11358	PL.11356	B	4ACSR	7.38Y	123.0	0.04	2.99	16.10	8	117	19	99	0.04	0.0	3.533	0.064	0	0	0	26
017412	PL.11358	B	Consumer	7.38Y	123.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	3.533	0.000	0	0	0	0
017401	PL.11358	B	Consumer	7.38Y	123.0	0.00	2.99	1.17	0	9	1	99	0.00	0.0	3.533	0.000	9	1	1	1
PL.11359	PL.11358	B	4ACSR	7.38Y	123.0	0.03	3.01	14.94	8	109	18	99	0.02	0.0	3.575	0.042	0	0	0	25
PL.11360	PL.11359	B	4ACSR	7.38Y	122.9	0.04	3.05	13.88	7	101	16	99	0.03	0.0	3.639	0.064	0	0	0	23
PL.11361	PL.11360	B	4ACSR	7.38Y	122.9	0.01	3.06	3.66	2	27	4	99	0.00	0.0	3.691	0.052	0	0	0	6
PL.10635	PL.11361	B	4ACSR	7.38Y	122.9	0.02	3.08	3.66	2	27	4	99	0.00	0.0	3.795	0.105	0	0	0	6
PL.33079	PL.10635	B	4ACSR	7.38Y	122.9	0.00	3.08	2.82	1	21	3	99	0.00	0.0	3.801	0.006	0	0	0	5
PD.3947-A	PL.33079	B	Closed	7.38Y	122.9	0.00	3.08	2.82	0	21	3	99	0.00	0.0	3.801	0.000	0	0	0	5
PD.3947-B	PD.3947-A	B	Closed	7.38Y	122.9	0.00	3.08	2.82	0	21	3	99	0.00	0.0	3.801	0.000	0	0	0	5
PL.45572	PD.3947-B	B	4ACSR	7.37Y	122.9	0.02	3.09	2.82	1	21	3	99	0.00	0.0	3.934	0.133	0	0	0	5
PL.45573	PL.45572	B	4ACSR	7.37Y	122.9	0.01	3.10	2.82	1	21	3	99	0.00	0.0	3.979	0.045	0	0	0	5
PL.31911	PL.45573	B	4ACSR	7.37Y	122.9	0.01	3.11	2.82	1	21	3	99	0.00	0.0	4.084	0.105	0	0	0	5
PL.31912	PL.31911	B	4ACSR	7.37Y	122.9	0.01	3.12	1.42	1	10	2	98	0.00	0.0	4.181	0.096	0	0	0	4
017429	PL.31912	B	Consumer	7.37Y	122.9	0.00	3.12	0.42	0	3	0	100	0.00	0.0	4.181	0.000	3	0	1	1
PL.43780	PL.31912	B	4ACSR	7.37Y	122.9	0.00	3.12	1.00	1	7	1	99	0.00	0.0	4.258	0.078	0	0	0	3
PL.43781	PL.43780	B	4ACSR	7.37Y	122.9	0.00	3.12	1.00	1	7	1	99	0.00	0.0	4.338	0.080	0	0	0	3
PL.40812	PL.43781	B	4ACSR	7.37Y	122.9	0.01	3.13	0.95	0	7	1	99	0.00	0.0	4.492	0.154	0	0	0	2
PL.26003	PL.40812	B	4ACSR	7.37Y	122.9	0.00	3.13	0.87	0	6	1	99	0.00	0.0	4.590	0.098	0	0	0	1
017425	PL.26003	B	Consumer	7.37Y	122.9	0.00	3.13	0.87	0	6	1	99	0.00	0.0	4.590	0.000	6	1	1	1
PL.1687	PL.40812	B	4ACSR	7.37Y	122.9	0.00	3.13	0.08	0	1	0	100	0.00	0.0	4.507	0.015	0	0	0	1
017428	PL.1687	B	Consumer	7.37Y	122.9	0.00	3.13	0.08	0	1	0	100	0.00	0.0	4.507	0.000	1	0	1	1
PL.40810	PL.43781	B	2ACSR	7.37Y	122.9	0.00	3.12	0.05	0	0	0	100	0.00	0.0	4.357	0.019	0	0	0	1
0174034	PL.40810	B	Consumer	7.37Y	122.9	0.00	3.12	0.05	0	0	0	100	0.00	0.0	4.357	0.000	0	0	1	1
PL.45776	PL.43780	B	2ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	4.315	0.057	0	0	0	0
PL.45777	PL.45776	B	2ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	4.372	0.057	0	0	0	0
PL.44200	PL.45777	B	2ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	4.600	0.228	0	0	0	0
0174035	PL.44200	B	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	4.600	0.000	0	0	0	0
0174036	PL.45776	B	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	4.315	0.000	0	0	0	0
0174040	PL.45776	B	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	4.315	0.000	0	0	0	0
PL.31910	PL.31911	B	4ACSR	7.37Y	122.9	0.01	3.12	1.40	1	10	2	98	0.00	0.0	4.198	0.114	0	0	0	1
0174031	PL.31910	B	Consumer	7.37Y	122.9	0.00	3.12	1.40	0	10	2	98	0.00	0.0	4.198	0.000	10	2	1	1
0174038	PL.45572	B	Consumer	7.37Y	122.9	0.00	3.09	0.00	0	0	0	100	0.00	0.0	3.934	0.000	0	0	0	0
0174037	PL.10635	B	Consumer	7.38Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	3.795	0.000	0	0	0	0
PL.10636	PL.10635	B	4ACSR	7.38Y	122.9	0.00	3.08	0.84	0	6	1	99	0.00	0.0	3.820	0.025	0	0	0	1
017418	PL.10636	B	Consumer	7.38Y	122.9	0.00	3.08	0.84	0	6	1	99	0.00	0.0	3.820	0.000	6	1	1	1
017413	PL.11361	B	Consumer	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	3.691	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.18579	PL.11360	B	4ACSR	7.38Y	122.9	0.00	3.05	10.21	5	74	12	99	0.00	0.0	3.645	0.006	0	0	0	17
PD.157-A	PL.18579	B	Closed	7.38Y	122.9	0.00	3.05	10.21	0	74	12	99	0.00	0.0	3.645	0.000	0	0	0	17
PD.157-B	PD.157-A	B	Closed	7.38Y	122.9	0.00	3.05	10.21	0	74	12	99	0.00	0.0	3.645	0.000	0	0	0	17
PL.18580	PD.157-B	B	4ACSR	7.37Y	122.9	0.04	3.10	10.21	5	74	12	99	0.02	0.0	3.744	0.100	0	0	0	17
PL.6110	PL.18580	B	4ACSR	7.37Y	122.9	0.02	3.12	9.81	5	71	11	99	0.01	0.0	3.798	0.054	0	0	0	16
PL.33754	PL.6110	B	4ACSR	7.37Y	122.9	0.00	3.12	0.72	0	5	1	98	0.00	0.0	3.810	0.012	0	0	0	1
PD.4024	PL.33754	B	fuse6AMP	7.37Y	122.9	0.00	3.12	0.72	12	5	1	98	0.00	0.0	3.810	0.000	0	0	0	1
PL.33755	PD.4024	B	4ACSR	7.37Y	122.9	0.00	3.12	0.72	0	5	1	98	0.00	0.0	3.843	0.033	0	0	0	1
017430	PL.33755	B	Consumer	7.37Y	122.9	0.00	3.12	0.72	0	5	1	98	0.00	0.0	3.843	0.000	5	1	1	1
017407	PL.6110	B	Consumer	7.37Y	122.9	0.00	3.12	0.35	0	3	0	100	0.00	0.0	3.798	0.000	3	0	1	1
017402	PL.6110	B	Consumer	7.37Y	122.9	0.00	3.12	0.40	0	3	0	100	0.00	0.0	3.798	0.000	3	0	1	1
017403	PL.6110	B	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	3.798	0.000	0	0	0	0
PL.10637	PL.6110	B	4ACSR	7.37Y	122.9	0.03	3.15	8.34	4	61	10	99	0.01	0.0	3.872	0.075	0	0	0	13
PL.10638	PL.10637	B	4ACSR	7.37Y	122.8	0.03	3.18	6.85	4	50	8	99	0.01	0.0	3.988	0.116	0	0	0	11
PL.33756	PL.10638	B	4ACSR	7.37Y	122.8	0.00	3.18	1.99	1	14	2	99	0.00	0.0	4.004	0.015	0	0	0	2
PD.4025	PL.33756	B	fuse6AMP	7.37Y	122.8	0.00	3.18	1.99	34	14	2	99	0.00	0.0	4.004	0.000	0	0	0	2
PL.33757	PD.4025	B	4ACSR	7.37Y	122.8	0.01	3.19	1.99	1	14	2	99	0.00	0.0	4.081	0.078	0	0	0	2
PL.6113	PL.33757	B	4ACSR	7.37Y	122.8	0.00	3.19	1.99	1	14	2	99	0.00	0.0	4.081	0.000	0	0	0	2
017405	PL.6113	B	Consumer	7.37Y	122.8	0.00	3.19	0.55	0	4	1	97	0.00	0.0	4.081	0.000	4	1	1	1
017422	PL.6113	B	Consumer	7.37Y	122.8	0.00	3.19	1.43	0	10	2	98	0.00	0.0	4.081	0.000	10	2	1	1
0174033	PL.10638	B	Consumer	7.37Y	122.8	0.00	3.18	1.08	0	8	1	99	0.00	0.0	3.988	0.000	8	1	1	1
017426	PL.10638	B	Consumer	7.37Y	122.8	0.00	3.18	0.03	0	0	0	100	0.00	0.0	3.988	0.000	0	0	1	1
PL.10639	PL.10638	B	4ACSR	7.37Y	122.8	0.00	3.19	3.75	2	27	4	99	0.00	0.0	4.019	0.030	0	0	0	7
PL.25999	PL.10639	B	4ACSR	7.37Y	122.8	0.01	3.19	3.75	2	27	4	99	0.00	0.0	4.057	0.038	0	0	0	7
PL.5750	PL.25999	B	4ACSR	7.37Y	122.8	0.01	3.20	3.75	2	27	4	99	0.00	0.0	4.125	0.068	0	0	0	7
PL.5079	PL.5750	B	4ACSR	7.37Y	122.8	0.01	3.21	2.70	1	20	3	99	0.00	0.0	4.172	0.047	0	0	0	5
PL.26000	PL.5079	B	4ACSR	7.37Y	122.8	0.00	3.21	2.26	1	16	3	98	0.00	0.0	4.188	0.016	0	0	0	4
PL.26001	PL.26000	B	4ACSR	7.37Y	122.8	0.00	3.22	0.53	0	4	1	97	0.00	0.0	4.356	0.168	0	0	0	1
016401	PL.26001	B	Consumer	7.37Y	122.8	0.00	3.22	0.53	0	4	1	97	0.00	0.0	4.356	0.000	4	1	1	1
PL.33760	PL.26000	B	4ACSR	7.37Y	122.8	0.00	3.21	1.72	1	13	2	99	0.00	0.0	4.196	0.008	0	0	0	3
PD.4027	PL.33760	B	fuse6AMP	7.37Y	122.8	0.00	3.21	1.72	29	13	2	99	0.00	0.0	4.196	0.000	0	0	0	3
PL.33761	PD.4027	B	4ACSR	7.37Y	122.8	0.00	3.22	1.72	1	13	2	99	0.00	0.0	4.257	0.062	0	0	0	3
016405	PL.33761	B	Consumer	7.37Y	122.8	0.00	3.22	0.45	0	3	1	95	0.00	0.0	4.257	0.000	3	1	1	1
0164012	PL.33761	B	Consumer	7.37Y	122.8	0.00	3.22	0.08	0	1	0	100	0.00	0.0	4.257	0.000	1	0	1	1
016409	PL.33761	B	Consumer	7.37Y	122.8	0.00	3.22	1.20	0	9	1	99	0.00	0.0	4.257	0.000	9	1	1	1
016410	PL.5079	B	Consumer	7.37Y	122.8	0.00	3.21	0.44	0	3	1	95	0.00	0.0	4.172	0.000	3	1	1	1
016407	PL.5750	B	Consumer	7.37Y	122.8	0.00	3.20	1.03	0	8	1	99	0.00	0.0	4.125	0.000	8	1	1	1
016411	PL.5750	B	Consumer	7.37Y	122.8	0.00	3.20	0.02	0	0	0	100	0.00	0.0	4.125	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss	
PL.33758	PL.10639	B	4ACSR	7.37Y	122.8	0.00	3.19	0.00	0	0	0	0	100	0.00	0.0	4.027	0.008	0	0	0	0
PD.4026	PL.33758	B	fuse6AMP	7.37Y	122.8	0.00	3.19	0.00	0	0	0	0	100	0.00	0.0	4.027	0.000	0	0	0	0
PL.33759	PD.4026	B	4ACSR	7.37Y	122.8	0.00	3.19	0.00	0	0	0	0	100	0.00	0.0	4.080	0.052	0	0	0	0
PL.43691	PL.10637	B	4ACSR	7.37Y	122.9	0.00	3.15	0.00	0	0	0	0	100	0.00	0.0	3.877	0.005	0	0	0	0
PD.8311	PL.43691	B	fuse6AMP	7.37Y	122.9	0.00	3.15	0.00	0	0	0	0	100	0.00	0.0	3.877	0.000	0	0	0	0
PL.43692	PD.8311	B	4ACSR	7.37Y	122.9	0.00	3.15	0.00	0	0	0	0	100	0.00	0.0	3.972	0.094	0	0	0	0
017427	PL.10637	B	Consumer	7.37Y	122.9	0.00	3.15	0.36	0	3	0	100	0.00	0.0	3.872	0.000	3	0	1	1	
017411	PL.10637	B	Consumer	7.37Y	122.9	0.00	3.15	1.12	0	8	1	99	0.00	0.0	3.872	0.000	8	1	1	1	
017410	PL.10637	B	Consumer	7.37Y	122.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	3.872	0.000	0	0	0	0	
017424	PL.18580	B	Consumer	7.37Y	122.9	0.00	3.10	0.00	0	0	0	100	0.00	0.0	3.744	0.000	0	0	0	0	
017408	PL.18580	B	Consumer	7.37Y	122.9	0.00	3.10	0.41	0	3	0	100	0.00	0.0	3.744	0.000	3	0	1	1	
017415	PL.11359	B	Consumer	7.38Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	3.575	0.000	0	0	1	1	
PL.33752	PL.11359	B	4ACSR	7.38Y	123.0	0.00	3.01	1.06	1	8	1	99	0.00	0.0	3.589	0.014	0	0	0	1	
PD.4023	PL.33752	B	fuse6AMP	7.38Y	123.0	0.00	3.01	1.06	18	8	1	99	0.00	0.0	3.589	0.000	0	0	0	1	
PL.33753	PD.4023	B	4ACSR	7.38Y	123.0	0.00	3.02	1.06	1	8	1	99	0.00	0.0	3.636	0.047	0	0	0	1	
017423	PL.33753	B	Consumer	7.38Y	123.0	0.00	3.02	1.06	0	8	1	99	0.00	0.0	3.636	0.000	8	1	1	1	
PL.33748	PL.77	B	4ACSR	7.39Y	123.1	0.00	2.90	3.49	2	25	4	99	0.00	0.0	3.425	0.008	0	0	0	3	
PD.4021	PL.33748	B	fuse6AMP	7.39Y	123.1	0.00	2.90	3.49	60	25	4	99	0.00	0.0	3.425	0.000	0	0	0	3	
PL.33749	PD.4021	B	4ACSR	7.39Y	123.1	0.01	2.92	3.49	2	25	4	99	0.00	0.0	3.500	0.075	0	0	0	3	
PL.1641	PL.33749	B	4ACSR	7.38Y	123.1	0.00	2.92	3.20	2	23	4	99	0.00	0.0	3.511	0.011	0	0	0	2	
PL.1208	PL.1641	B	4ACSR	7.38Y	123.1	0.00	2.92	3.20	2	23	4	99	0.00	0.0	3.525	0.014	0	0	0	2	
PL.1209	PL.1208	B	4ACSR	7.38Y	123.1	0.00	2.92	1.77	1	13	2	99	0.00	0.0	3.575	0.050	0	0	0	1	
017339	PL.1209	B	Consumer	7.38Y	123.1	0.00	2.92	1.77	0	13	2	99	0.00	0.0	3.575	0.000	13	2	1	1	
017345	PL.1208	B	Consumer	7.38Y	123.1	0.00	2.92	1.43	0	10	2	98	0.00	0.0	3.525	0.000	10	2	1	1	
017414	PL.33749	B	Consumer	7.39Y	123.1	0.00	2.92	0.29	0	2	0	100	0.00	0.0	3.500	0.000	2	0	1	1	
017332	PL.5959	B	Consumer	7.39Y	123.2	0.00	2.81	0.60	0	4	1	97	0.00	0.0	3.324	0.000	4	1	1	1	
PL.33746	PL.37902	C	4ACSR	7.40Y	123.4	0.01	2.61	10.65	5	78	13	99	0.00	0.0	3.209	0.013	0	0	0	11	
C PD.4020	PL.33746	C	fuse6AMP	7.40Y	123.4	0.00	2.61	10.65	182	78	13	99	0.00	0.0	3.209	0.000	0	0	0	11 C	
PL.33747	PD.4020	C	4ACSR	7.40Y	123.4	0.02	2.63	10.65	5	78	13	99	0.01	0.0	3.250	0.041	0	0	0	11	
PL.6096	PL.33747	C	4ACSR	7.40Y	123.4	0.01	2.64	9.73	5	71	11	99	0.01	0.0	3.285	0.034	0	0	0	10	
017382	PL.6096	C	Consumer	7.40Y	123.4	0.00	2.64	1.37	0	10	2	98	0.00	0.0	3.285	0.000	10	2	1	1	
PL.6097	PL.6096	C	4ACSR	7.40Y	123.3	0.02	2.66	8.35	4	61	10	99	0.01	0.0	3.333	0.048	0	0	0	9	
PL.1205	PL.6097	C	4ACSR	7.40Y	123.3	0.00	2.66	0.00	0	0	0	100	0.00	0.0	3.353	0.020	0	0	0	0	
PL.1206	PL.6097	C	4ACSR	7.40Y	123.3	0.01	2.67	5.71	3	42	7	99	0.00	0.0	3.371	0.038	0	0	0	6	
017340	PL.1206	C	Consumer	7.40Y	123.3	0.00	2.67	0.00	0	0	0	100	0.00	0.0	3.371	0.000	0	0	0	0	
PL.5957	PL.1206	C	4ACSR	7.40Y	123.3	0.01	2.68	5.71	3	42	7	99	0.00	0.0	3.412	0.041	0	0	0	6	
PL.5958	PL.5957	C	4ACSR	7.40Y	123.3	0.01	2.69	3.46	2	25	4	99	0.00	0.0	3.462	0.050	0	0	0	4	
017333	PL.5958	C	Consumer	7.40Y	123.3	0.00	2.69	1.69	0	12	2	99	0.00	0.0	3.462	0.000	12	2	1	1	

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
017344	PL.5958	C	Consumer	7.40Y	123.3	0.00	2.69	0.98	0	7	1	99	0.00	0.0	3.462	0.000	7	1	1	1
PL.1207	PL.5958	C	4ACSR	7.40Y	123.3	0.00	2.69	0.79	0	6	1	99	0.00	0.0	3.503	0.042	0	0	0	2
017341	PL.1207	C	Consumer	7.40Y	123.3	0.00	2.69	0.04	0	0	0	100	0.00	0.0	3.503	0.000	0	0	1	1
017349	PL.1207	C	Consumer	7.40Y	123.3	0.00	2.69	0.76	0	6	1	99	0.00	0.0	3.503	0.000	6	1	1	1
017331	PL.5957	C	Consumer	7.40Y	123.3	0.00	2.68	1.06	0	8	1	99	0.00	0.0	3.412	0.000	8	1	1	1
017355	PL.5957	C	Consumer	7.40Y	123.3	0.00	2.68	1.18	0	9	1	99	0.00	0.0	3.412	0.000	9	1	1	1
PL.1198	PL.6097	C	4ACSR	7.40Y	123.3	0.01	2.67	2.65	1	19	3	99	0.00	0.0	3.395	0.062	0	0	0	3
017366	PL.1198	C	Consumer	7.40Y	123.3	0.00	2.67	0.69	0	5	1	98	0.00	0.0	3.395	0.000	5	1	1	1
017369	PL.1198	C	Consumer	7.40Y	123.3	0.00	2.67	0.85	0	6	1	99	0.00	0.0	3.395	0.000	6	1	1	1
017370	PL.1198	C	Consumer	7.40Y	123.3	0.00	2.67	1.11	0	8	1	99	0.00	0.0	3.395	0.000	8	1	1	1
017374	PL.33747	C	Consumer	7.40Y	123.4	0.00	2.63	0.92	0	7	1	99	0.00	0.0	3.250	0.000	7	1	1	1
0173085	PL.37902	B	Consumer	7.40Y	123.3	0.00	2.69	1.36	0	10	2	98	0.00	0.0	3.196	0.000	10	2	1	1
017354	PL.37902	B	Consumer	7.40Y	123.3	0.00	2.69	0.00	0	0	0	100	0.00	0.0	3.196	0.000	0	0	0	0
017373	PL.37902	B	Consumer	7.40Y	123.3	0.00	2.69	0.79	0	6	1	99	0.00	0.0	3.196	0.000	6	1	1	1
PL.33744	PL.37902	C	4ACSR	7.40Y	123.4	0.00	2.61	4.57	2	33	5	99	0.00	0.0	3.213	0.017	0	0	0	7
PD.4019	PL.33744	C	fuse6AMP	7.40Y	123.4	0.00	2.61	4.57	78	33	5	99	0.00	0.0	3.213	0.000	0	0	0	7
PL.33745	PD.4019	C	4ACSR	7.40Y	123.4	0.01	2.61	4.57	2	33	5	99	0.00	0.0	3.243	0.030	0	0	0	7
PL.1227	PL.33745	C	4ACSR	7.40Y	123.4	0.01	2.62	2.44	1	18	3	99	0.00	0.0	3.313	0.070	0	0	0	3
PL.33992	PL.1227	C	2ACSR	7.40Y	123.4	0.01	2.63	1.29	1	9	2	98	0.00	0.0	3.469	0.156	0	0	0	2
0163087	PL.33992	C	Consumer	7.40Y	123.4	0.00	2.63	1.29	0	9	2	98	0.00	0.0	3.469	0.000	9	2	1	1
PL.41282	PL.33992	C	2ACSR	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	3.577	0.108	0	0	0	1
0163088	PL.41282	C	Consumer	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	3.577	0.000	0	0	1	1
017376	PL.1227	C	Consumer	7.40Y	123.4	0.00	2.62	1.14	0	8	1	99	0.00	0.0	3.313	0.000	8	1	1	1
017350	PL.33745	C	Consumer	7.40Y	123.4	0.00	2.61	0.00	0	0	0	100	0.00	0.0	3.243	0.000	0	0	0	0
017306	PL.33745	C	Consumer	7.40Y	123.4	0.00	2.61	1.30	0	10	2	98	0.00	0.0	3.243	0.000	10	2	1	1
017307	PL.33745	C	Consumer	7.40Y	123.4	0.00	2.61	0.44	0	3	1	95	0.00	0.0	3.243	0.000	3	1	1	1
017372	PL.33745	C	Consumer	7.40Y	123.4	0.00	2.61	0.34	0	2	0	100	0.00	0.0	3.243	0.000	2	0	1	1
017356	PL.33745	C	Consumer	7.40Y	123.4	0.00	2.61	0.04	0	0	0	100	0.00	0.0	3.243	0.000	0	0	1	1
PL.3568	OH16	A	4ACSR	7.42Y	123.7	0.04	2.30	18.06	9	133	21	99	0.04	0.0	3.009	0.048	0	0	0	17
PL.3567	PL.3568	A	4ACSR	7.42Y	123.7	0.02	2.33	17.56	9	129	20	99	0.02	0.0	3.041	0.032	0	0	0	16
PL.7536	PL.3567	A	4ACSR	7.42Y	123.6	0.02	2.35	17.56	9	129	20	99	0.02	0.0	3.073	0.032	0	0	0	16
PL.38684	PL.7536	A	4ACSR	7.42Y	123.6	0.03	2.38	16.02	8	117	18	99	0.02	0.0	3.113	0.040	0	0	0	15
PL.38683	PL.38684	A	4ACSR	7.42Y	123.6	0.00	2.38	15.60	8	114	18	99	0.00	0.0	3.115	0.002	0	0	0	14
C PD.7062	PL.38683	A	fuse6AMP	7.42Y	123.6	0.00	2.38	15.60	266	114	18	99	0.00	0.0	3.115	0.000	0	0	0	14 C
PL.38680	PD.7062	A	4ACSR	7.42Y	123.6	0.00	2.38	15.60	8	114	18	99	0.00	0.0	3.117	0.002	0	0	0	14
PL.7527	PL.38680	A	4ACSR	7.42Y	123.6	0.00	2.38	0.89	0	7	1	99	0.00	0.0	3.182	0.066	0	0	0	1
573904	PL.7527	A	Consumer	7.42Y	123.6	0.00	2.38	0.89	0	7	1	99	0.00	0.0	3.182	0.000	7	1	1	1
573901	PL.38680	A	Consumer	7.42Y	123.6	0.00	2.38	0.00	0	0	0	100	0.00	0.0	3.117	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.7525	PL.38680	A	4ACSR	7.42Y	123.6	0.03	2.41	14.71	8	108	17	99	0.03	0.0	3.166	0.049	0	0	0	13
PL.7526	PL.7525	A	4ACSR	7.41Y	123.5	0.08	2.50	11.77	6	86	13	99	0.06	0.1	3.333	0.168	0	0	0	12
017367	PL.7526	A	Consumer	7.41Y	123.5	0.00	2.50	0.44	0	3	1	95	0.00	0.0	3.333	0.000	3	1	1	1
017322	PL.7526	A	Consumer	7.41Y	123.5	0.00	2.50	1.26	0	9	1	99	0.00	0.0	3.333	0.000	9	1	1	1
PL.5954	PL.7526	A	4ACSR	7.41Y	123.5	0.02	2.52	10.07	5	74	11	99	0.01	0.0	3.383	0.050	0	0	0	10
PL.11345	PL.5954	A	4ACSR	7.41Y	123.5	0.01	2.53	8.90	5	65	10	99	0.01	0.0	3.415	0.032	0	0	0	9
PL.11344	PL.11345	A	4ACSR	7.41Y	123.4	0.03	2.56	8.39	4	61	9	99	0.01	0.0	3.503	0.088	0	0	0	8
PL.5953	PL.11344	A	4ACSR	7.40Y	123.4	0.02	2.58	8.29	4	61	9	99	0.01	0.0	3.567	0.063	0	0	0	7
017325	PL.5953	A	Consumer	7.40Y	123.4	0.00	2.58	0.88	0	6	1	99	0.00	0.0	3.567	0.000	6	1	1	1
PL.5882	PL.5953	A	4ACSR	7.40Y	123.4	0.01	2.60	5.20	3	38	5	99	0.00	0.0	3.626	0.059	0	0	0	5
PL.11346	PL.5882	A	4ACSR	7.40Y	123.4	0.02	2.61	5.20	3	38	5	99	0.00	0.0	3.697	0.071	0	0	0	5
PL.11348	PL.11346	A	4ACSR	7.40Y	123.4	0.01	2.63	4.18	2	31	4	99	0.00	0.0	3.774	0.076	0	0	0	4
PL.11349	PL.11348	A	4ACSR	7.40Y	123.4	0.01	2.63	3.29	2	24	3	99	0.00	0.0	3.814	0.040	0	0	0	3
PD.1899	PL.11349	A	fuse6AMP	7.40Y	123.4	0.00	2.63	3.29	56	24	3	99	0.00	0.0	3.814	0.000	0	0	0	3
PL.1632	PD.1899	A	1/0EPRJCN	7.40Y	123.4	0.00	2.63	3.29	2	24	3	99	0.00	0.0	3.836	0.022	0	0	0	3
PL.11350	PL.1632	A	1/0EPRJCN	7.40Y	123.4	0.00	2.64	3.29	2	24	3	99	0.00	0.0	3.867	0.031	0	0	0	3
PL.1680	PL.11350	A	1/0EPRJCN	7.40Y	123.4	0.00	2.64	0.27	0	2	0	100	0.00	0.0	3.915	0.048	0	0	0	1
017421	PL.1680	A	Consumer	7.40Y	123.4	0.00	2.64	0.27	0	2	0	100	0.00	0.0	3.915	0.000	2	0	1	1
PL.11351	PL.11350	A	1/0EPRJCN	7.40Y	123.4	0.00	2.64	0.90	0	7	1	99	0.00	0.0	3.908	0.041	0	0	0	1
017420	PL.11351	A	Consumer	7.40Y	123.4	0.00	2.64	0.91	0	7	1	99	0.00	0.0	3.908	0.000	7	1	1	1
PL.23753	PL.11350	A	1/0EPRJCN	7.40Y	123.4	0.00	2.64	2.12	1	16	2	99	0.00	0.0	3.908	0.041	0	0	0	1
017419	PL.23753	A	Consumer	7.40Y	123.4	0.00	2.64	2.12	0	16	2	99	0.00	0.0	3.908	0.000	16	2	1	1
PL.38691	PL.11348	A	4ACSR	7.40Y	123.4	0.00	2.63	0.89	0	6	1	99	0.00	0.0	3.778	0.005	0	0	0	1
PD.7066	PL.38691	A	fuse6AMP	7.40Y	123.4	0.00	2.63	0.89	15	6	1	99	0.00	0.0	3.778	0.000	0	0	0	1
PL.38692	PD.7066	A	4ACSR	7.40Y	123.4	0.00	2.63	0.89	0	6	1	99	0.00	0.0	3.861	0.083	0	0	0	1
017363	PL.38692	A	Consumer	7.40Y	123.4	0.00	2.63	0.89	0	6	1	99	0.00	0.0	3.861	0.000	6	1	1	1
PL.38689	PL.11346	A	4ACSR	7.40Y	123.4	0.00	2.61	1.02	1	7	1	99	0.00	0.0	3.701	0.004	0	0	0	1
PD.7065	PL.38689	A	fuse6AMP	7.40Y	123.4	0.00	2.61	1.02	17	7	1	99	0.00	0.0	3.701	0.000	0	0	0	1
PL.38690	PD.7065	A	4ACSR	7.40Y	123.4	0.00	2.62	1.02	1	7	1	99	0.00	0.0	3.735	0.033	0	0	0	1
017381	PL.38690	A	Consumer	7.40Y	123.4	0.00	2.62	1.02	0	7	1	99	0.00	0.0	3.735	0.000	7	1	1	1
017357	PL.38690	A	Consumer	7.40Y	123.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	3.735	0.000	0	0	0	0
017358	PL.38690	A	Consumer	7.40Y	123.4	0.00	2.62	0.00	0	0	0	100	0.00	0.0	3.735	0.000	0	0	0	0
PL.38687	PL.5953	A	4ACSR	7.40Y	123.4	0.00	2.59	2.21	1	16	3	98	0.00	0.0	3.574	0.008	0	0	0	1
PD.7064	PL.38687	A	fuse6AMP	7.40Y	123.4	0.00	2.59	2.21	38	16	3	98	0.00	0.0	3.574	0.000	0	0	0	1
PL.38688	PD.7064	A	4ACSR	7.40Y	123.4	0.00	2.59	2.21	1	16	3	98	0.00	0.0	3.624	0.049	0	0	0	1
017364	PL.38688	A	Consumer	7.40Y	123.4	0.00	2.59	2.21	0	16	3	98	0.00	0.0	3.624	0.000	16	3	1	1
017346	PL.11344	A	Consumer	7.41Y	123.4	0.00	2.56	0.10	0	1	0	100	0.00	0.0	3.503	0.000	1	0	1	1
017320	PL.11344	A	Consumer	7.41Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	3.503	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.38685	PL.11345	A	4ACSR	7.41Y	123.5	0.00	2.53	0.52	0	4	1	97	0.00	0.0	3.418	0.003	0	0	0	1
PD.7063	PL.38685	A	fuse6AMP	7.41Y	123.5	0.00	2.53	0.52	9	4	1	97	0.00	0.0	3.418	0.000	0	0	0	1
PL.38686	PD.7063	A	4ACSR	7.41Y	123.5	0.00	2.53	0.52	0	4	1	97	0.00	0.0	3.439	0.021	0	0	0	1
017362	PL.38686	A	Consumer	7.41Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	3.439	0.000	0	0	0	0
017338	PL.38686	A	Consumer	7.41Y	123.5	0.00	2.53	0.52	0	4	1	97	0.00	0.0	3.439	0.000	4	1	1	1
017305	PL.5954	A	Consumer	7.41Y	123.5	0.00	2.52	1.17	0	9	1	99	0.00	0.0	3.383	0.000	9	1	1	1
573903	PL.7525	A	Consumer	7.42Y	123.6	0.00	2.41	2.94	0	22	3	99	0.00	0.0	3.166	0.000	22	3	1	1
PL.38682	PL.38684	A	4ACSR	7.42Y	123.6	0.00	2.38	0.42	0	3	0	100	0.00	0.0	3.158	0.046	0	0	0	1
572904	PL.38682	A	Consumer	7.42Y	123.6	0.00	2.38	0.42	0	3	0	100	0.00	0.0	3.158	0.000	3	0	1	1
572906	PL.7536	A	Consumer	7.42Y	123.6	0.00	2.35	1.55	0	11	2	98	0.00	0.0	3.073	0.000	11	2	1	1
572902	PL.3567	A	Consumer	7.42Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	3.041	0.000	0	0	0	0
572903	PL.3568	A	Consumer	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	3.009	0.000	0	0	0	0
572901	PL.3568	A	Consumer	7.42Y	123.7	0.00	2.30	0.50	0	4	1	97	0.00	0.0	3.009	0.000	4	1	1	1
572905	PL.3568	A	Consumer	7.42Y	123.7	0.00	2.30	0.00	0	0	0	100	0.00	0.0	3.009	0.000	0	0	0	0
572004	OH16	A	Consumer	7.42Y	123.7	0.00	2.27	0.65	0	5	1	98	0.00	0.0	2.961	0.000	5	1	1	1
PL.28052	PL.28051	A	4/0ACSR	7.43Y	123.9	0.01	2.11	33.99	7	241	77	95	0.12	0.0	2.750	0.041	0	0	0	15
		B		7.41Y	123.6	0.03	2.43	45.18	10	323	90	96					0	0	0	29
		C		7.41Y	123.5	0.03	2.51	60.72	13	435	116	97					0	0	0	68
PL.16677	PL.28052	C	4ACSR	7.41Y	123.5	0.00	2.51	6.64	3	49	8	99	0.00	0.0	2.755	0.005	0	0	0	6
C PD.2845	PL.16677	C	fuse6AMP	7.41Y	123.5	0.00	2.51	6.64	113	49	8	99	0.00	0.0	2.755	0.000	0	0	0	6 C
PL.16678	PD.2845	C	4ACSR	7.41Y	123.4	0.05	2.56	6.64	3	49	8	99	0.02	0.0	2.945	0.190	0	0	0	6
PL.6093	PL.16678	C	4ACSR	7.40Y	123.4	0.05	2.61	6.64	3	49	8	99	0.02	0.0	3.117	0.172	0	0	0	6
017379	PL.6093	C	Consumer	7.40Y	123.4	0.00	2.61	0.00	0	0	0	100	0.00	0.0	3.117	0.000	0	0	0	0
PL.26097	PL.6093	C	4ACSR	7.40Y	123.3	0.04	2.65	6.64	3	49	8	99	0.02	0.0	3.267	0.150	0	0	0	6
PL.26098	PL.26097	C	4ACSR	7.40Y	123.3	0.03	2.68	4.71	2	34	6	98	0.01	0.0	3.399	0.132	0	0	0	4
017204	PL.26098	C	Consumer	7.40Y	123.3	0.00	2.68	0.76	0	6	1	99	0.00	0.0	3.399	0.000	6	1	1	1
017216	PL.26098	C	Consumer	7.40Y	123.3	0.00	2.68	1.80	0	13	2	99	0.00	0.0	3.399	0.000	13	2	1	1
PL.1629	PL.26098	C	4ACSR	7.40Y	123.3	0.00	2.68	1.50	1	11	2	98	0.00	0.0	3.465	0.066	0	0	0	1
017214	PL.1629	C	Consumer	7.40Y	123.3	0.00	2.68	1.50	0	11	2	98	0.00	0.0	3.465	0.000	11	2	1	1
PL.26099	PL.26098	C	4ACSR	7.40Y	123.3	0.00	2.68	0.65	0	5	1	98	0.00	0.0	3.468	0.070	0	0	0	1
PL.6089	PL.26099	C	4ACSR	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	3.862	0.393	0	0	0	0
017211	PL.6089	C	Consumer	7.40Y	123.3	0.00	2.68	0.00	0	0	0	100	0.00	0.0	3.862	0.000	0	0	0	0
017217	PL.26099	C	Consumer	7.40Y	123.3	0.00	2.68	0.65	0	5	1	98	0.00	0.0	3.468	0.000	5	1	1	1
PL.5955	PL.26097	C	4ACSR	7.40Y	123.3	0.00	2.66	1.93	1	14	2	99	0.00	0.0	3.309	0.042	0	0	0	2
PL.5956	PL.5955	C	4ACSR	7.40Y	123.3	0.00	2.66	1.93	1	14	2	99	0.00	0.0	3.359	0.051	0	0	0	2
017215	PL.5956	C	Consumer	7.40Y	123.3	0.00	2.66	0.00	0	0	0	100	0.00	0.0	3.359	0.000	0	0	0	0
PL.1631	PL.5956	C	4ACSR	7.40Y	123.3	0.00	2.66	0.76	0	6	1	99	0.00	0.0	3.437	0.078	0	0	0	1
017212	PL.1631	C	Consumer	7.40Y	123.3	0.00	2.66	0.76	0	6	1	99	0.00	0.0	3.437	0.000	6	1	1	1
PL.1630	PL.5956	C	4ACSR	7.40Y	123.3	0.00	2.66	1.17	1	9	1	99	0.00	0.0	3.406	0.047	0	0	0	1

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss		Length (mi)	KW			KVAR	
017213	PL.1630	C	Consumer	7.40Y	123.3	0.00	2.66	1.17	0	9	1	99	0.00	0.0	3.406	0.000	9	1	1	1
017203	PL.5955	C	Consumer	7.40Y	123.3	0.00	2.66	0.00	0	0	0	100	0.00	0.0	3.309	0.000	0	0	0	0
572701	PL.28052	B	Consumer	7.41Y	123.6	0.00	2.43	0.00	0	0	0	100	0.00	0.0	2.750	0.000	0	0	0	0
PL.16679	PL.28052	A	4ACSR	7.43Y	123.9	0.00	2.11	2.57	1	19	3	99	0.00	0.0	2.755	0.006	0	0	0	4
PD.2844	PL.16679	A	fuse6AMP	7.43Y	123.9	0.00	2.11	2.57	44	19	3	99	0.00	0.0	2.755	0.000	0	0	0	4
PL.16680	PD.2844	A	4ACSR	7.43Y	123.9	0.01	2.11	2.57	1	19	3	99	0.00	0.0	2.817	0.061	0	0	0	4
PL.7530	PL.16680	A	4ACSR	7.43Y	123.9	0.00	2.11	0.28	0	2	0	100	0.00	0.0	2.855	0.038	0	0	0	1
572803	PL.7530	A	Consumer	7.43Y	123.9	0.00	2.11	0.28	0	2	0	100	0.00	0.0	2.855	0.000	2	0	1	1
572806	PL.7530	A	Consumer	7.43Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	2.855	0.000	0	0	0	0
572804	PL.16680	A	Consumer	7.43Y	123.9	0.00	2.11	0.57	0	4	1	97	0.00	0.0	2.817	0.000	4	1	1	1
572805	PL.16680	A	Consumer	7.43Y	123.9	0.00	2.11	0.00	0	0	0	100	0.00	0.0	2.817	0.000	0	0	0	0
572802	PL.16680	A	Consumer	7.43Y	123.9	0.00	2.11	1.16	0	9	1	99	0.00	0.0	2.817	0.000	9	1	1	1
572801	PL.16680	A	Consumer	7.43Y	123.9	0.00	2.11	0.56	0	4	1	97	0.00	0.0	2.817	0.000	4	1	1	1
PL.203	PL.28052	A	4/0ACSR	7.43Y	123.9	0.02	2.12	31.45	7	222	74	95	0.21	0.0	2.830	0.080	0	0	0	11
		B		7.41Y	123.5	0.05	2.48	45.18	10	323	90	96					0	0	0	29
		C		7.41Y	123.5	0.04	2.55	54.12	12	386	108	96					0	0	0	62
PL.7528	PL.203	A	4/0ACSR	7.43Y	123.9	0.00	2.12	31.45	7	222	74	95	0.01	0.0	2.836	0.006	0	0	0	11
		B		7.41Y	123.5	0.00	2.49	45.18	10	322	90	96					0	0	0	29
		C		7.41Y	123.4	0.00	2.55	54.12	12	386	108	96					0	0	0	62
571714	PL.7528	B	Consumer	7.41Y	123.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	2.836	0.000	0	0	0	0
571709	PL.7528	B	Consumer	7.41Y	123.5	0.00	2.49	0.01	0	0	0	100	0.00	0.0	2.836	0.000	0	0	1	1
571710	PL.7528	B	Consumer	7.41Y	123.5	0.00	2.49	0.36	0	3	0	100	0.00	0.0	2.836	0.000	3	0	1	1
PL.26007	PL.7528	A	4/0ACSR	7.43Y	123.9	0.01	2.14	31.45	7	222	74	95	0.16	0.0	2.898	0.063	0	0	0	11
		B		7.41Y	123.5	0.04	2.52	44.82	10	320	90	96					0	0	0	27
		C		7.40Y	123.4	0.03	2.59	54.12	12	386	108	96					0	0	0	62
PL.26008	PL.26007	A	4/0ACSR	7.43Y	123.8	0.02	2.15	31.45	7	222	74	95	0.19	0.0	2.974	0.075	0	0	0	11
		B		7.41Y	123.4	0.05	2.57	44.82	10	320	90	96					0	0	0	27
		C		7.40Y	123.4	0.04	2.63	52.70	11	376	106	96					0	0	0	58
PL.17934	PL.26008	A	4/0ACSR	7.43Y	123.8	0.00	2.15	31.45	7	222	74	95	0.02	0.0	2.980	0.007	0	0	0	11
		B		7.41Y	123.4	0.00	2.57	44.72	10	319	89	96					0	0	0	26
		C		7.40Y	123.4	0.00	2.63	52.70	11	376	106	96					0	0	0	58
PD.3723	PL.17934	A	VWVE	7.43Y	123.8	0.00	2.15	31.45	0	222	74	95	0.00	0.0	2.980	0.000	0	0	0	11
		B		7.41Y	123.4	0.00	2.57	44.72	0	319	89	96					0	0	0	26
		C		7.40Y	123.4	0.00	2.63	52.70	0	376	106	96					0	0	0	58
PL.17935	PD.3723	A	4/0ACSR	7.43Y	123.8	0.01	2.16	31.45	7	222	74	95	0.07	0.0	3.009	0.029	0	0	0	11
		B		7.40Y	123.4	0.02	2.59	44.72	10	319	89	96					0	0	0	26
		C		7.40Y	123.4	0.02	2.65	52.70	11	376	106	96					0	0	0	58
PL.10640	PL.17935	A	4/0ACSR	7.43Y	123.8	0.01	2.17	31.45	7	222	74	95	0.16	0.0	3.071	0.062	0	0	0	11
		B		7.40Y	123.4	0.04	2.63	44.72	10	319	89	96					0	0	0	26
		C		7.40Y	123.3	0.03	2.68	52.70	11	375	106	96					0	0	0	58
PL.10641	PL.10640	A	4/0ACSR	7.43Y	123.8	0.01	2.18	31.45	7	222	74	95	0.10	0.0	3.109	0.038	0	0	0	11
		B		7.40Y	123.3	0.02	2.65	44.72	10	319	89	96					0	0	0	26
		C		7.40Y	123.3	0.02	2.70	52.64	11	375	105	96					0	0	0	57
PL.10642	PL.10641	A	4/0ACSR	7.43Y	123.8	0.01	2.20	31.45	7	222	74	95	0.14	0.0	3.164	0.056	0	0	0	11
		B		7.40Y	123.3	0.03	2.68	44.72	10	319	89	96					0	0	0	26
		C		7.40Y	123.3	0.03	2.73	52.64	11	375	105	96					0	0	0	57
PL.18788	PL.10642	C	4ACSR	7.40Y	123.3	0.00	2.73	6.52	3	48	8	99	0.00	0.0	3.178	0.013	0	0	0	12
C PD.1793	PL.18788	C	fuse6AMP	7.40Y	123.3	0.00	2.73	6.52	111	48	8	99	0.00	0.0	3.178	0.000	0	0	0	12 C

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data rows for various elements like PL.18789, PL.1474, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss			KW	KVAR			
016383	PL.10644	B	Consumer	7.39Y	123.2	0.00	2.80	0.03	0	0	0	100	0.00	0.0	3.374	0.000	0	0	1	1
PL.16698	PL.10644	B	4ACSR	7.39Y	123.2	0.00	2.81	9.10	5	66	11	99	0.00	0.0	3.381	0.007	0	0	0	9
C PD.1792	PL.16698	B	fuse6AMP	7.39Y	123.2	0.00	2.81	9.10	155	66	11	99	0.00	0.0	3.381	0.000	0	0	0	9 C
PL.16699	PD.1792	B	4ACSR	7.39Y	123.1	0.09	2.89	9.10	5	66	11	99	0.04	0.1	3.606	0.225	0	0	0	9
PL.11688	PL.16699	B	4ACSR	7.38Y	123.1	0.03	2.93	7.45	4	54	9	99	0.01	0.0	3.711	0.105	0	0	0	7
016356	PL.11688	B	Consumer	7.38Y	123.1	0.00	2.93	0.03	0	0	0	100	0.00	0.0	3.711	0.000	0	0	1	1
016320	PL.11688	B	Consumer	7.38Y	123.1	0.00	2.93	1.63	0	12	2	99	0.00	0.0	3.711	0.000	12	2	1	1
016328	PL.11688	B	Consumer	7.38Y	123.1	0.00	2.93	0.40	0	3	0	100	0.00	0.0	3.711	0.000	3	0	1	1
PL.11689	PL.11688	B	4ACSR	7.38Y	123.1	0.02	2.95	5.39	3	39	6	99	0.01	0.0	3.785	0.074	0	0	0	4
PL.11690	PL.11689	B	4ACSR	7.38Y	123.0	0.01	2.95	4.69	2	34	5	99	0.00	0.0	3.829	0.044	0	0	0	3
PL.1522	PL.11690	B	4ACSR	7.38Y	123.0	0.00	2.96	1.44	1	11	2	98	0.00	0.0	3.874	0.045	0	0	0	1
016385	PL.1522	B	Consumer	7.38Y	123.0	0.00	2.96	1.44	0	11	2	98	0.00	0.0	3.874	0.000	11	2	1	1
016351	PL.11690	B	Consumer	7.38Y	123.0	0.00	2.95	1.75	0	13	2	99	0.00	0.0	3.829	0.000	13	2	1	1
016375	PL.11690	B	Consumer	7.38Y	123.0	0.00	2.95	1.49	0	11	2	98	0.00	0.0	3.829	0.000	11	2	1	1
PL.29167	PL.11689	B	4ACSR	7.38Y	123.1	0.00	2.95	0.70	0	5	1	98	0.00	0.0	3.835	0.050	0	0	0	1
016381	PL.29167	B	Consumer	7.38Y	123.1	0.00	2.95	0.70	0	5	1	98	0.00	0.0	3.835	0.000	5	1	1	1
PL.1480	PL.16699	B	4ACSR	7.39Y	123.1	0.01	2.90	1.65	1	12	2	99	0.00	0.0	3.679	0.074	0	0	0	2
PL.1481	PL.1480	B	4ACSR	7.39Y	123.1	0.00	2.90	1.65	1	12	2	99	0.00	0.0	3.747	0.068	0	0	0	2
016313	PL.1481	B	Consumer	7.39Y	123.1	0.00	2.90	0.59	0	4	1	97	0.00	0.0	3.747	0.000	4	1	1	1
PL.18739	PL.1481	B	4ACSR	7.39Y	123.1	0.00	2.91	1.06	1	8	1	99	0.00	0.0	3.780	0.033	0	0	0	1
PD.1795	PL.18739	B	fuse6AMP	7.39Y	123.1	0.00	2.91	1.06	18	8	1	99	0.00	0.0	3.780	0.000	0	0	0	1
PL.18740	PD.1795	B	4ACSR	7.38Y	123.1	0.01	2.92	1.06	1	8	1	99	0.00	0.0	4.084	0.303	0	0	0	1
016378	PL.18740	B	Consumer	7.38Y	123.1	0.00	2.92	1.06	0	8	1	99	0.00	0.0	4.084	0.000	8	1	1	1
PL.16700	PL.10644	C	4ACSR	7.39Y	123.2	0.00	2.83	10.61	5	77	15	98	0.00	0.0	3.379	0.005	0	0	0	26
C PD.1791	PL.16700	C	fuse8AMP	7.39Y	123.2	0.00	2.83	10.61	145	77	15	98	0.00	0.0	3.379	0.000	0	0	0	26 C
PL.16701	PD.1791	C	4ACSR	7.39Y	123.1	0.03	2.86	10.61	5	77	15	98	0.02	0.0	3.449	0.070	0	0	0	26
PL.10646	PL.16701	C	4ACSR	7.39Y	123.1	0.01	2.86	5.24	3	38	8	98	0.00	0.0	3.471	0.022	0	0	0	15
PL.1475	PL.10646	C	4ACSR	7.39Y	123.1	0.00	2.87	4.18	2	30	7	97	0.00	0.0	3.489	0.017	0	0	0	9
016342	PL.1475	C	Consumer	7.39Y	123.1	0.00	2.87	0.39	0	3	0	100	0.00	0.0	3.489	0.000	3	0	1	1
016330	PL.1475	C	Consumer	7.39Y	123.1	0.00	2.87	1.16	0	8	1	99	0.00	0.0	3.489	0.000	8	1	1	1
PL.5751	PL.1475	C	4ACSR	7.39Y	123.1	0.00	2.87	1.63	1	11	4	94	0.00	0.0	3.505	0.017	0	0	0	5
016366	PL.5751	C	Consumer	7.39Y	123.1	0.00	2.87	0.02	0	0	0	100	0.00	0.0	3.505	0.000	0	0	1	1
016376	PL.5751	C	Consumer	7.39Y	123.1	0.00	2.87	0.08	0	1	0	100	0.00	0.0	3.505	0.000	1	0	1	1
PL.5752	PL.5751	C	4ACSR	7.39Y	123.1	0.00	2.87	1.53	1	11	4	94	0.00	0.0	3.536	0.030	0	0	0	3
016350	PL.5752	C	Consumer	7.39Y	123.1	0.00	2.87	0.08	0	1	0	100	0.00	0.0	3.536	0.000	1	0	1	1
016340	PL.5752	C	Consumer	7.39Y	123.1	0.00	2.87	1.05	0	7	3	92	0.00	0.0	3.536	0.000	7	3	1	1
016334	PL.5752	C	Consumer	7.39Y	123.1	0.00	2.87	0.42	0	3	0	100	0.00	0.0	3.536	0.000	3	0	1	1
PL.1479	PL.1475	C	4ACSR	7.39Y	123.1	0.00	2.87	1.01	1	7	1	99	0.00	0.0	3.531	0.042	0	0	0	2

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
016327	PL.1479	C	Consumer	7.39Y	123.1	0.00	2.87	0.97	0	7	1	99	0.00	0.0	3.531	0.000	7	1	1	1
016374	PL.1479	C	Consumer	7.39Y	123.1	0.00	2.87	0.04	0	0	0	100	0.00	0.0	3.531	0.000	0	0	1	1
PL.9941	PL.10646	C	4ACSR	7.39Y	123.1	0.00	2.87	1.06	1	8	1	99	0.00	0.0	3.527	0.056	0	0	0	6
PL.5746	PL.9941	C	4ACSR	7.39Y	123.1	0.00	2.87	0.06	0	0	0	100	0.00	0.0	3.553	0.026	0	0	0	2
016257	PL.5746	C	Consumer	7.39Y	123.1	0.00	2.87	0.06	0	0	0	100	0.00	0.0	3.553	0.000	0	0	1	1
PL.5747	PL.5746	C	4ACSR	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	3.593	0.040	0	0	0	1
PL.8392	PL.5747	C	4ACSR	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	3.655	0.062	0	0	0	1
PL.8393	PL.8392	C	4ACSR	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	3.688	0.034	0	0	0	1
016247	PL.8393	C	Consumer	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	3.688	0.000	0	0	1	1
016233	PL.5747	C	Consumer	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	3.593	0.000	0	0	0	0
016331	PL.9941	C	Consumer	7.39Y	123.1	0.00	2.87	0.29	0	2	0	100	0.00	0.0	3.527	0.000	2	0	1	1
016324	PL.9941	C	Consumer	7.39Y	123.1	0.00	2.87	0.37	0	3	0	100	0.00	0.0	3.527	0.000	3	0	1	1
016358	PL.9941	C	Consumer	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	3.527	0.000	0	0	0	0
016371	PL.9941	C	Consumer	7.39Y	123.1	0.00	2.87	0.32	0	2	0	100	0.00	0.0	3.527	0.000	2	0	1	1
016382	PL.9941	C	Consumer	7.39Y	123.1	0.00	2.87	0.01	0	0	0	100	0.00	0.0	3.527	0.000	0	0	1	1
016362	PL.9941	C	Consumer	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	3.527	0.000	0	0	0	0
016372	PL.16701	C	Consumer	7.39Y	123.1	0.00	2.86	0.01	0	0	0	100	0.00	0.0	3.449	0.000	0	0	1	1
016329	PL.16701	C	Consumer	7.39Y	123.1	0.00	2.86	0.39	0	3	0	100	0.00	0.0	3.449	0.000	3	0	1	1
PL.1476	PL.16701	C	4ACSR	7.39Y	123.1	0.01	2.86	4.97	3	36	6	99	0.00	0.0	3.476	0.027	0	0	0	9
PL.5744	PL.1476	C	4ACSR	7.39Y	123.1	0.00	2.87	3.82	2	28	4	99	0.00	0.0	3.493	0.017	0	0	0	6
PL.5745	PL.5744	C	4ACSR	7.39Y	123.1	0.00	2.87	2.02	1	15	2	99	0.00	0.0	3.513	0.020	0	0	0	2
016341	PL.5745	C	Consumer	7.39Y	123.1	0.00	2.87	1.48	0	11	2	98	0.00	0.0	3.513	0.000	11	2	1	1
016339	PL.5745	C	Consumer	7.39Y	123.1	0.00	2.87	0.54	0	4	1	97	0.00	0.0	3.513	0.000	4	1	1	1
016338	PL.5745	C	Consumer	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	3.513	0.000	0	0	0	0
016335	PL.5744	C	Consumer	7.39Y	123.1	0.00	2.87	0.73	0	5	1	98	0.00	0.0	3.493	0.000	5	1	1	1
016306	PL.5744	C	Consumer	7.39Y	123.1	0.00	2.87	0.31	0	2	0	100	0.00	0.0	3.493	0.000	2	0	1	1
016332	PL.5744	C	Consumer	7.39Y	123.1	0.00	2.87	0.30	0	2	0	100	0.00	0.0	3.493	0.000	2	0	1	1
016336	PL.5744	C	Consumer	7.39Y	123.1	0.00	2.87	0.46	0	3	1	95	0.00	0.0	3.493	0.000	3	1	1	1
016333	PL.1476	C	Consumer	7.39Y	123.1	0.00	2.86	0.91	0	7	1	99	0.00	0.0	3.476	0.000	7	1	1	1
016354	PL.1476	C	Consumer	7.39Y	123.1	0.00	2.86	0.00	0	0	0	100	0.00	0.0	3.476	0.000	0	0	1	1
016305	PL.1476	C	Consumer	7.39Y	123.1	0.00	2.86	0.25	0	2	0	100	0.00	0.0	3.476	0.000	2	0	1	1
PL.9942	PL.10644	A	4/0ACSR	7.42Y	123.7	0.07	2.32	31.45	7	222	74	95	0.32	0.0	3.609	0.235	0	0	0	11
		B		7.39Y	123.1	0.08	2.88	30.38	6	213	72	95					0	0	0	10
		C		7.38Y	123.1	0.10	2.92	35.62	8	250	82	95					0	0	0	19
PL.11566	PL.9942	A	4/0ACSR	7.42Y	123.6	0.05	2.37	31.45	7	222	73	95	0.18	0.0	3.757	0.148	0	0	0	11
		B		7.38Y	123.1	0.05	2.93	30.38	6	213	72	95					0	0	0	10
		C		7.38Y	123.0	0.05	2.97	30.87	7	215	76	94					0	0	0	9
PL.16704	PL.11566	B	4ACSR	7.38Y	123.1	0.00	2.93	4.42	2	32	5	99	0.00	0.0	3.768	0.011	0	0	0	7
PD.2553	PL.16704	B	fuse6AMP	7.38Y	123.1	0.00	2.93	4.42	75	32	5	99	0.00	0.0	3.768	0.000	0	0	0	7
PL.16705	PD.2553	B	4ACSR	7.38Y	123.1	0.02	2.95	4.42	2	32	5	99	0.00	0.0	3.859	0.091	0	0	0	7

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.1484, PL.1062, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.18671, PL.37671, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.16703	PD.1790	C	4ACSR	7.38Y	123.0	0.02	3.00	6.96	4	50	13	97	0.01	0.0	3.828	0.062	0	0	0	7
PL.11567	PL.16703	C	4ACSR	7.38Y	123.0	0.01	3.01	4.70	2	33	10	96	0.00	0.0	3.875	0.047	0	0	0	5
016231	PL.11567	C	Consumer	7.38Y	123.0	0.00	3.01	0.07	0	1	0	100	0.00	0.0	3.875	0.000	1	0	1	1
016240	PL.11567	C	Consumer	7.38Y	123.0	0.00	3.01	1.06	0	8	1	99	0.00	0.0	3.875	0.000	8	1	1	1
016242	PL.11567	C	Consumer	7.38Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	3.875	0.000	0	0	0	0
016211	PL.11567	C	Consumer	7.38Y	123.0	0.00	3.01	2.06	0	14	7	89	0.00	0.0	3.875	0.000	14	7	1	1
016237	PL.11567	C	Consumer	7.38Y	123.0	0.00	3.01	0.39	0	3	0	100	0.00	0.0	3.875	0.000	3	0	1	1
016239	PL.11567	C	Consumer	7.38Y	123.0	0.00	3.01	1.18	0	9	1	99	0.00	0.0	3.875	0.000	9	1	1	1
PL.1483	PL.16703	C	4ACSR	7.38Y	123.0	0.01	3.00	2.27	1	17	3	98	0.00	0.0	3.885	0.057	0	0	0	2
016232	PL.1483	C	Consumer	7.38Y	123.0	0.00	3.00	0.08	0	1	0	100	0.00	0.0	3.885	0.000	1	0	1	1
016241	PL.1483	C	Consumer	7.38Y	123.0	0.00	3.00	2.19	0	16	3	98	0.00	0.0	3.885	0.000	16	3	1	1
PL.20713	PL.9942	C	4ACSR	7.38Y	123.1	0.00	2.92	4.82	2	35	6	99	0.00	0.0	3.622	0.013	0	0	0	10
C PD.3473	PL.20713	C	fuse6AMP	7.38Y	123.1	0.00	2.92	4.82	82	35	6	99	0.00	0.0	3.622	0.000	0	0	0	10 C
PL.20714	PD.3473	C	4ACSR	7.38Y	123.1	0.01	2.94	4.82	2	35	6	99	0.00	0.0	3.676	0.054	0	0	0	10
PL.5748	PL.20714	C	4ACSR	7.38Y	123.1	0.00	2.94	2.15	1	16	3	98	0.00	0.0	3.708	0.032	0	0	0	5
0162065	PL.5748	C	Consumer	7.38Y	123.1	0.00	2.94	0.31	0	2	0	100	0.00	0.0	3.708	0.000	2	0	1	1
016261	PL.5748	C	Consumer	7.38Y	123.1	0.00	2.94	0.95	0	7	1	99	0.00	0.0	3.708	0.000	7	1	1	1
PL.5749	PL.5748	C	4ACSR	7.38Y	123.1	0.00	2.94	0.90	0	7	1	99	0.00	0.0	3.741	0.033	0	0	0	3
016235	PL.5749	C	Consumer	7.38Y	123.1	0.00	2.94	0.33	0	2	0	100	0.00	0.0	3.741	0.000	2	0	1	1
016236	PL.5749	C	Consumer	7.38Y	123.1	0.00	2.94	0.49	0	4	1	97	0.00	0.0	3.741	0.000	4	1	1	1
016245	PL.5749	C	Consumer	7.38Y	123.1	0.00	2.94	0.08	0	1	0	100	0.00	0.0	3.741	0.000	1	0	1	1
PL.1482	PL.5749	C	4ACSR	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	3.789	0.048	0	0	0	0
016246	PL.20714	C	Consumer	7.38Y	123.1	0.00	2.94	1.22	0	9	1	99	0.00	0.0	3.676	0.000	9	1	1	1
016359	PL.20714	C	Consumer	7.38Y	123.1	0.00	2.94	0.30	0	2	0	100	0.00	0.0	3.676	0.000	2	0	1	1
PL.1478	PL.20714	C	4ACSR	7.38Y	123.1	0.00	2.94	1.15	1	8	1	99	0.00	0.0	3.724	0.049	0	0	0	3
016226	PL.1478	C	Consumer	7.38Y	123.1	0.00	2.94	0.88	0	6	1	99	0.00	0.0	3.724	0.000	6	1	1	1
016317	PL.1478	C	Consumer	7.38Y	123.1	0.00	2.94	0.28	0	2	0	100	0.00	0.0	3.724	0.000	2	0	1	1
016357	PL.1478	C	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	3.724	0.000	0	0	1	1
P PL.16696	PL.10643	C	4ACSR	7.39Y	123.2	0.00	2.75	-0.02	0	0	0	100	0.00	0.0	3.223	0.004	0	0	0	0 P
PD.1796	PL.16696	C	fuse6AMP	7.39Y	123.2	0.00	2.75	-0.02	0	0	0	100	0.00	0.0	3.223	0.000	0	0	0	0
P PL.16697	PD.1796	C	4ACSR	7.39Y	123.2	-0.00	2.75	-0.02	0	0	0	100	0.00	0.0	3.254	0.031	0	0	0	0 P
PL.10645	PL.16697	C	4ACSR	7.39Y	123.2	0.00	2.75	0.00	0	0	0	100	0.00	0.0	3.299	0.045	0	0	0	0
PL.45906	PL.16697	C	1/0EPRJCN	7.39Y	123.2	-0.00	2.75	-0.02	0	0	0	100	0.00	0.0	3.281	0.027	0	0	0	0
0163090	PL.45906	C	Consumer	7.39Y	123.2	0.00	2.75	0.00	0	0	0	100	0.00	0.0	3.281	0.000	0	0	0	0
PL.1523	PL.16697	C	4ACSR	7.39Y	123.2	0.00	2.75	0.00	0	0	0	100	0.00	0.0	3.284	0.030	0	0	0	0
017326	PL.10640	C	Consumer	7.40Y	123.3	0.00	2.68	0.07	0	0	0	100	0.00	0.0	3.071	0.000	0	0	1	1
570602	PL.26008	B	Consumer	7.41Y	123.4	0.00	2.57	0.10	0	1	0	100	0.00	0.0	2.974	0.000	1	0	1	1
PL.17936	PL.26007	C	4ACSR	7.40Y	123.4	0.00	2.59	1.19	1	9	1	99	0.00	0.0	2.922	0.024	0	0	0	3

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for various elements like PD.2846, PL.17458, 570601, etc.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' and '-Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
018311	PL.19513	B	Consumer	7.47Y	124.5	0.00	1.50	0.50	0	4	1	97	0.00	0.0	1.412	0.000	4	1	1	1
0183128	PL.19513	B	Consumer	7.47Y	124.5	0.00	1.50	0.01	0	0	0	100	0.00	0.0	1.412	0.000	0	0	1	1
018471	PL.19513	B	Consumer	7.47Y	124.5	0.00	1.50	0.06	0	0	0	100	0.00	0.0	1.412	0.000	0	0	1	1
018478	PL.11560	C	Consumer	7.48Y	124.7	0.00	1.28	0.33	0	2	0	100	0.00	0.0	1.309	0.000	2	0	1	1
018490	PL.11560	A	Consumer	7.48Y	124.7	0.00	1.35	0.76	0	6	1	99	0.00	0.0	1.309	0.000	6	1	1	1
018492	PL.11560	A	Consumer	7.48Y	124.7	0.00	1.35	0.54	0	4	1	97	0.00	0.0	1.309	0.000	4	1	1	1
018433	PL.11558	A	Consumer	7.48Y	124.7	0.00	1.27	0.08	0	1	0	100	0.00	0.0	1.203	0.000	1	0	1	1
018467	PL.11558	B	Consumer	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	1.203	0.000	0	0	0	0
0184106	PL.11558	A	Consumer	7.48Y	124.7	0.00	1.27	1.29	0	10	2	98	0.00	0.0	1.203	0.000	10	2	1	1
018434	PL.11558	A	Consumer	7.48Y	124.7	0.00	1.27	0.80	0	6	1	99	0.00	0.0	1.203	0.000	6	1	1	1
018465	PL.11558	B	Consumer	7.48Y	124.7	0.00	1.33	1.02	0	8	1	99	0.00	0.0	1.203	0.000	8	1	1	1
018428	PL.11558	B	Consumer	7.48Y	124.7	0.00	1.33	0.44	0	3	1	95	0.00	0.0	1.203	0.000	3	1	1	1
018485	PL.11558	B	Consumer	7.48Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	1.203	0.000	0	0	0	0
018423	PL.11558	B	Consumer	7.48Y	124.7	0.00	1.33	0.16	0	1	0	100	0.00	0.0	1.203	0.000	1	0	1	1
018424	PL.11558	A	Consumer	7.48Y	124.7	0.00	1.27	0.99	0	7	1	99	0.00	0.0	1.203	0.000	7	1	1	1
018413	PL.11558	A	Consumer	7.48Y	124.7	0.00	1.27	0.41	0	3	0	100	0.00	0.0	1.203	0.000	3	0	1	1
PL.17138	PL.11556	A	4ACSR	7.49Y	124.8	0.00	1.22	2.24	1	17	3	98	0.00	0.0	1.134	0.004	0	0	0	4
PD.1932	PL.17138	A	fuse6AMP	7.49Y	124.8	0.00	1.22	2.24	38	17	3	98	0.00	0.0	1.134	0.000	0	0	0	4
PL.17139	PD.1932	A	4ACSR	7.49Y	124.8	0.01	1.22	2.24	1	17	3	98	0.00	0.0	1.187	0.053	0	0	0	4
018418	PL.17139	A	Consumer	7.49Y	124.8	0.00	1.22	0.92	0	7	1	99	0.00	0.0	1.187	0.000	7	1	1	1
018421	PL.17139	A	Consumer	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	1.187	0.000	0	0	1	1
018449	PL.17139	A	Consumer	7.49Y	124.8	0.00	1.22	0.00	0	0	0	100	0.00	0.0	1.187	0.000	0	0	0	0
018416	PL.17139	A	Consumer	7.49Y	124.8	0.00	1.22	0.04	0	0	0	100	0.00	0.0	1.187	0.000	0	0	1	1
018414	PL.17139	A	Consumer	7.49Y	124.8	0.00	1.22	1.28	0	9	2	98	0.00	0.0	1.187	0.000	9	2	1	1
018484	PL.11555	C	Consumer	7.51Y	125.1	0.00	0.86	1.03	0	7	3	92	0.00	0.0	0.847	0.000	7	3	1	1
PL.27625	PL.11554	A	4/0ACSR	7.51Y	125.1	-0.00	0.91	0.00	0	0	0	100	0.00	0.0	0.815	0.005	0	0	0	0
		B		7.50Y	125.0	0.00	0.98	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		7.51Y	125.2	0.00	0.83	6.98	1	52	8	99					0	0	0	9
PL.19673	PL.27625	A	4/0ACSR	7.51Y	125.1	-0.00	0.91	0.00	0	0	0	100	0.00	0.0	0.880	0.065	0	0	0	0
		B		7.50Y	125.0	0.00	0.99	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.01	0.84	6.98	1	52	8	99					0	0	0	9
PL.19674	PL.19673	A	4/0ACSR	7.51Y	125.1	-0.00	0.91	0.00	0	0	0	100	0.00	0.0	0.920	0.041	0	0	0	0
		B		7.50Y	125.0	0.00	0.99	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.84	5.81	1	43	7	99					0	0	0	7
PL.23761	PL.19674	A	4/0ACSR	7.51Y	125.1	-0.00	0.90	0.00	0	0	0	100	0.00	0.0	0.970	0.050	0	0	0	0
		B		7.50Y	125.0	0.00	0.99	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.84	1.83	0	14	2	99					0	0	0	3
0194100	PL.23761	C	Consumer	7.51Y	125.2	0.00	0.84	0.86	0	6	1	99	0.00	0.0	0.970	0.000	6	1	1	1
0194121	PL.23761	A	Consumer	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	0.970	0.000	0	0	0	0
019436	PL.23761	C	Consumer	7.51Y	125.2	0.00	0.84	0.09	0	1	0	100	0.00	0.0	0.970	0.000	1	0	1	1
019468	PL.23761	C	Consumer	7.51Y	125.2	0.00	0.84	0.88	0	7	1	99	0.00	0.0	0.970	0.000	7	1	1	1
019452	PL.23761	A	Consumer	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	0.970	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: CLAY CITY

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.6125	PL.19674	A	4/0ACSR	7.51Y	125.1	-0.00	0.90	0.00	0	0	0	100	0.00	0.0	0.958	0.038	0	0	0	0
		B		7.50Y	125.0	0.00	0.99	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.84	3.97	1	29	5	99					0	0	0	4
018442	PL.6125	A	Consumer	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	0.958	0.000	0	0	0	0
018441	PL.6125	C	Consumer	7.51Y	125.2	0.00	0.84	1.27	0	9	2	98	0.00	0.0	0.958	0.000	9	2	1	1
018497	PL.6125	C	Consumer	7.51Y	125.2	0.00	0.84	0.49	0	4	1	97	0.00	0.0	0.958	0.000	4	1	1	1
PL.6126	PL.6125	A	4/0ACSR	7.51Y	125.1	-0.00	0.90	0.00	0	0	0	100	0.00	0.0	1.013	0.054	0	0	0	0
		B		7.50Y	125.0	0.00	0.99	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.84	2.22	0	16	3	99					0	0	0	2
PL.23762	PL.6126	A	4/0ACSR	7.51Y	125.1	-0.00	0.90	0.00	0	0	0	100	0.00	0.0	1.041	0.028	0	0	0	0
		B		7.50Y	125.0	0.00	0.99	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.84	2.22	0	16	3	99					0	0	0	2
0184102	PL.23762	C	Consumer	7.51Y	125.2	0.00	0.84	0.88	0	7	1	99	0.00	0.0	1.041	0.000	7	1	1	1
0184100	PL.23762	C	Consumer	7.51Y	125.2	0.00	0.84	1.34	0	10	2	98	0.00	0.0	1.041	0.000	10	2	1	1
018401	PL.19673	C	Consumer	7.51Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	0.880	0.000	0	0	0	0
0184107	PL.19673	C	Consumer	7.51Y	125.2	0.00	0.84	0.97	0	7	1	99	0.00	0.0	0.880	0.000	7	1	1	1
018409	PL.19673	C	Consumer	7.51Y	125.2	0.00	0.84	0.20	0	2	0	100	0.00	0.0	0.880	0.000	2	0	1	1
0194113	PL.32841	A	Consumer	7.54Y	125.7	0.00	0.32	1.08	0	8	1	99	0.00	0.0	0.284	0.000	8	1	1	1

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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	11388	0	0	0	0	0	121	0.00		11509
KVAR	2647	0	-1301	-15	0	0	237			1569

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 123.26 volts on PL.30992	2.74 volts on PL.30992	0.39 volts on PL.12377
B-Phase -> 122.42 volts on PL.12964	3.58 volts on PL.12964	0.50 volts on PL.45429
C-Phase -> 122.66 volts on PL.34624	3.34 volts on PL.34624	0.36 volts on PL.12377

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 3 (FRNBURG3) Beginning with Device PD.3891.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
0324106	PL.45287	A	Consumer	7.54Y	125.7	0.00	0.27	0.00	0	0	0	100	0.00	0.0	0.427	0.000	0	0	0	0
PL.43487	PL.19753	C	4ACSR	7.53Y	125.5	0.00	0.51	0.00	0	0	0	100	0.00	0.0	0.277	0.005	0	0	0	0
PD.8272	PL.43487	C	fuse6AMP	7.53Y	125.5	0.00	0.51	0.00	0	0	0	100	0.00	0.0	0.277	0.000	0	0	0	0
PL.45286	PL.19753	A	6ACWC	7.54Y	125.7	0.01	0.26	0.86	0	6	2	95	0.00	0.0	0.443	0.171	0	0	0	2
032466	PL.45286	A	Consumer	7.54Y	125.7	0.00	0.26	0.27	0	2	0	100	0.00	0.0	0.443	0.000	2	0	1	1
032465	PL.45286	A	Consumer	7.54Y	125.7	0.00	0.26	0.60	0	4	2	89	0.00	0.0	0.443	0.000	4	2	1	1
PL.45288	PL.19753	A	336ACSR	7.54Y	125.7	0.01	0.27	127.56	17	962	27	100	0.66	0.0	0.318	0.046	0	0	0	191
		B		7.53Y	125.5	0.05	0.49	123.48	17	895	254	96					0	0	0	128
		C		7.53Y	125.4	0.05	0.56	141.88	19	1051	191	98					0	0	0	184
PL.45289	PL.45288	A	336ACSR	7.54Y	125.7	0.05	0.32	127.56	17	962	27	100	2.26	0.1	0.475	0.157	0	0	0	191
		B		7.52Y	125.4	0.16	0.65	123.48	17	895	254	96					0	0	0	128
		C		7.52Y	125.3	0.17	0.74	141.88	19	1051	191	98					0	0	0	184
PL.19206	PL.45289	A	1/0CU	7.54Y	125.6	0.04	0.35	127.56	29	962	25	100	1.22	0.0	0.517	0.042	0	0	0	191
		B		7.52Y	125.3	0.07	0.72	123.30	28	892	252	96					0	0	0	127
		C		7.51Y	125.2	0.08	0.81	140.34	32	1038	186	98					0	0	0	182
033423	PL.19206	C	Consumer	7.51Y	125.2	0.00	0.81	0.70	0	5	1	98	0.00	0.0	0.517	0.000	5	1	1	1
033417	PL.19206	C	Consumer	7.51Y	125.2	0.00	0.81	0.35	0	3	0	100	0.00	0.0	0.517	0.000	3	0	1	1
PL.27875	PL.19206	A	1/0CU	7.54Y	125.6	0.05	0.40	127.56	29	961	25	100	1.60	0.1	0.573	0.055	0	0	0	191
		B		7.51Y	125.2	0.09	0.81	123.30	28	892	252	96					0	0	0	127
		C		7.51Y	125.1	0.10	0.91	139.30	32	1030	184	98					0	0	0	180
033411	PL.27875	A	Consumer	7.54Y	125.6	0.00	0.40	0.31	0	2	0	100	0.00	0.0	0.573	0.000	2	0	1	1
033403	PL.27875	A	Consumer	7.54Y	125.6	0.00	0.40	1.08	0	8	1	99	0.00	0.0	0.573	0.000	8	1	1	1
033402	PL.27875	C	Consumer	7.51Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	0.573	0.000	0	0	0	0
033492	PL.27875	A	Consumer	7.54Y	125.6	0.00	0.40	0.61	0	5	1	98	0.00	0.0	0.573	0.000	5	1	1	1
033414	PL.27875	A	Consumer	7.54Y	125.6	0.00	0.40	0.21	0	2	0	100	0.00	0.0	0.573	0.000	2	0	1	1
033493	PL.27875	A	Consumer	7.54Y	125.6	0.00	0.40	0.76	0	6	1	99	0.00	0.0	0.573	0.000	6	1	1	1
PL.27876	PL.27875	A	1/0CU	7.53Y	125.5	0.07	0.47	124.61	29	939	20	100	2.29	0.1	0.653	0.080	0	0	0	186
		B		7.50Y	125.1	0.13	0.94	123.30	28	891	252	96					0	0	0	127
		C		7.50Y	124.9	0.15	1.06	139.30	32	1029	183	98					0	0	0	180
PL.24650	PL.27876	A	1/0CU	7.53Y	125.5	0.02	0.48	114.55	26	863	7	100	0.61	0.0	0.675	0.022	0	0	0	173
		B		7.50Y	125.0	0.04	0.98	123.30	28	891	251	96					0	0	0	127
		C		7.49Y	124.9	0.04	1.10	139.30	32	1028	182	98					0	0	0	180
033422	PL.24650	A	Consumer	7.53Y	125.5	0.00	0.48	2.83	0	19	9	90	0.00	0.0	0.675	0.000	19	9	1	1
PL.24654	PL.24650	A	1/0CU	7.53Y	125.5	0.02	0.50	111.99	26	843	-3	-100	0.68	0.0	0.701	0.025	0	0	0	172
		B		7.50Y	125.0	0.04	1.02	123.30	28	890	251	96					0	0	0	127
		C		7.49Y	124.9	0.04	1.14	139.30	32	1028	182	98					0	0	0	180
PL.24655	PL.24654	A	1/0CU	7.53Y	125.4	0.06	0.56	111.99	26	843	-3	-100	2.41	0.1	0.792	0.092	0	0	0	172
		B		7.49Y	124.8	0.15	1.18	117.79	27	849	244	96					0	0	0	123
		C		7.48Y	124.7	0.17	1.31	139.30	32	1028	181	98					0	0	0	180
PL.26213	PL.24655	A	1/0CU	7.53Y	125.4	0.02	0.58	111.99	26	843	-4	-100	1.05	0.0	0.832	0.040	0	0	0	172
		B		7.49Y	124.8	0.07	1.24	116.55	27	839	240	96					0	0	0	119
		C		7.48Y	124.6	0.07	1.38	139.30	32	1027	180	99					0	0	0	180
PL.26214	PL.26213	A	1/0CU	7.52Y	125.4	0.02	0.60	111.99	26	843	-4	-100	1.07	0.0	0.873	0.041	0	0	0	172
		B		7.48Y	124.7	0.07	1.31	116.55	27	839	240	96					0	0	0	119
		C		7.47Y	124.5	0.07	1.46	139.30	32	1026	179	99					0	0	0	180
PL.19861	PL.26214	A	1/0CU	7.52Y	125.4	0.00	0.61	111.87	26	842	-5	-100	0.07	0.0	0.876	0.003	0	0	0	171
		B		7.48Y	124.7	0.00	1.31	116.55	27	838	240	96					0	0	0	119
		C		7.47Y	124.5	0.01	1.46	139.25	32	1025	178	99					0	0	0	179
P CP.3	PL.19861	A	Cap (300)	7.52Y	125.4	0.00	0.61	-29.03	0	0	-218	0	0.00	0.0	0.876	0.000	0	0	0	0 P
P		C		7.47Y	124.5	0.00	1.46	-14.41	0	0	-108	0					0	0	0	0 P

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.19912	PL.19861	A	1/0CU	7.52Y	125.3	0.05	0.66	115.42	27	842	214	97	1.23	0.0	0.922	0.046	0	0	0	171
		B		7.48Y	124.6	0.07	1.38	116.55	27	838	240	96					0	0	0	119
		C		7.47Y	124.4	0.09	1.55	142.43	33	1025	286	96					0	0	0	179
PL.7383	PL.19912	A	1/0CU	7.52Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	0.931	0.009	0	0	0	0
		B		7.48Y	124.6	0.00	1.38	0.00	0	0	0	100					0	0	0	0
		C		7.47Y	124.4	0.00	1.55	0.00	0	0	0	100					0	0	0	0
PL.27829	PL.19912	A	1/0CU	7.52Y	125.3	0.07	0.72	113.40	26	826	211	97	1.52	0.1	0.980	0.058	0	0	0	169
		B		7.47Y	124.5	0.09	1.47	116.55	27	838	239	96					0	0	0	119
		C		7.46Y	124.3	0.11	1.66	141.97	33	1021	284	96					0	0	0	177
PL.38067	PL.27829	A	2ACSR	7.52Y	125.3	-0.00	0.72	0.01	0	0	0	100	0.00	0.0	1.002	0.023	0	0	0	1
5408018	PL.38067	A	Consumer	7.52Y	125.3	0.00	0.72	0.01	0	0	0	100	0.00	0.0	1.002	0.000	0	0	1	1
540817	PL.27829	C	Consumer	7.46Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	0.980	0.000	0	0	0	0
540809	PL.27829	C	Consumer	7.46Y	124.3	0.00	1.66	0.44	0	3	1	95	0.00	0.0	0.980	0.000	3	1	1	1
PL.27830	PL.27829	A	1/0CU	7.51Y	125.2	0.04	0.76	113.39	26	826	210	97	0.89	0.0	1.014	0.034	0	0	0	168
		B		7.47Y	124.5	0.05	1.52	116.55	27	837	239	96					0	0	0	119
		C		7.46Y	124.3	0.06	1.72	141.52	33	1017	283	96					0	0	0	176
PL.26215	PL.27830	A	1/0CU	7.51Y	125.2	0.04	0.81	112.64	26	820	209	97	1.03	0.0	1.053	0.040	0	0	0	165
		B		7.46Y	124.4	0.06	1.59	114.81	27	824	236	96					0	0	0	116
		C		7.45Y	124.2	0.08	1.80	141.52	33	1017	282	96					0	0	0	176
PL.18701	PL.26215	A	1/0CU	7.51Y	125.1	0.04	0.85	111.64	26	813	207	97	1.00	0.0	1.092	0.039	0	0	0	161
		B		7.46Y	124.4	0.06	1.64	114.81	27	824	236	96					0	0	0	116
		C		7.45Y	124.1	0.07	1.87	141.52	33	1016	282	96					0	0	0	176
541708	PL.18701	A	Consumer	7.51Y	125.1	0.00	0.85	0.06	0	0	0	100	0.00	0.0	1.092	0.000	0	0	1	1
PL.18702	PL.18701	A	1/0CU	7.51Y	125.1	0.04	0.89	111.58	26	812	207	97	0.88	0.0	1.126	0.034	0	0	0	160
		B		7.46Y	124.3	0.05	1.70	114.81	27	824	236	96					0	0	0	116
		C		7.44Y	124.1	0.06	1.94	141.52	33	1016	281	96					0	0	0	176
PL.11267	PL.18702	A	1/0CU	7.50Y	125.1	0.06	0.94	110.11	25	802	201	97	1.38	0.1	1.180	0.054	0	0	0	155
		B		7.45Y	124.2	0.08	1.78	114.81	27	823	235	96					0	0	0	116
		C		7.44Y	124.0	0.10	2.04	141.52	33	1015	280	96					0	0	0	176
PL.3511	PL.11267	A	4ACSR	7.50Y	125.1	0.00	0.95	1.88	1	14	2	99	0.00	0.0	1.217	0.037	0	0	0	4
PL.3514	PL.3511	A	4ACSR	7.50Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	1.268	0.051	0	0	0	1
PL.3513	PL.3514	A	4ACSR	7.50Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	1.315	0.047	0	0	0	1
PL.3512	PL.3513	A	4ACSR	7.50Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	1.369	0.054	0	0	0	1
540601	PL.3512	A	Consumer	7.50Y	125.1	0.00	0.95	0.00	0	0	0	100	0.00	0.0	1.369	0.000	0	0	1	1
541702	PL.3511	A	Consumer	7.50Y	125.1	0.00	0.95	0.31	0	2	0	100	0.00	0.0	1.217	0.000	2	0	1	1
541719	PL.3511	A	Consumer	7.50Y	125.1	0.00	0.95	0.51	0	4	1	97	0.00	0.0	1.217	0.000	4	1	1	1
541717	PL.3511	A	Consumer	7.50Y	125.1	0.00	0.95	1.06	0	8	1	99	0.00	0.0	1.217	0.000	8	1	1	1
541716	PL.11267	C	Consumer	7.44Y	124.0	0.00	2.04	0.94	0	6	3	89	0.00	0.0	1.180	0.000	6	3	1	1
542701	PL.11267	A	Consumer	7.50Y	125.1	0.00	0.94	0.23	0	2	0	100	0.00	0.0	1.180	0.000	2	0	1	1
		C		7.44Y	124.0	0.00	2.04	0.23	0	2	0	99					2	0	1	1
542704	PL.11267	A	Consumer	7.50Y	125.1	0.00	0.94	0.11	0	1	0	100	0.00	0.0	1.180	0.000	1	0	1	1
		C		7.44Y	124.0	0.00	2.04	0.12	0	1	0	99					1	0	1	1
541703	PL.11267	A	Consumer	7.50Y	125.1	0.00	0.94	0.48	0	3	2	83	0.00	0.0	1.180	0.000	3	2	1	1
		C		7.44Y	124.0	0.00	2.04	0.48	0	3	2	90					3	2	1	1
542702	PL.11267	A	Consumer	7.50Y	125.1	0.00	0.94	0.27	0	2	0	100	0.00	0.0	1.180	0.000	2	0	1	1
		C		7.44Y	124.0	0.00	2.04	0.28	0	2	0	99					2	0	1	1
PL.11268	PL.11267	A	1/0CU	7.50Y	125.0	0.03	0.97	107.16	25	780	196	97	0.62	0.0	1.205	0.025	0	0	0	149
		B		7.45Y	124.2	0.04	1.82	114.81	27	823	235	96					0	0	0	116
		C		7.43Y	123.9	0.05	2.08	139.50	32	1001	274	96					0	0	0	173

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 542601, PL.11269, PL.11270, etc.

Unbalanced Voltage Drop Report
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Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.42936	PL.25739	A	4ACSR	7.48Y	124.7	0.00	1.28	1.77	1	12	6	89	0.00	0.0	1.707	0.002	0	0	0	2
		B		7.41Y	123.5	0.00	2.50	1.79	1	12	6	90					0	0	0	2
PD.8188	PL.42936	A	fuse8AMP	7.48Y	124.7	0.00	1.28	1.77	24	12	6	89	0.00	0.0	1.707	0.000	0	0	0	2
		B		7.41Y	123.5	0.00	2.50	1.79	24	12	6	90					0	0	0	2
PL.42937	PD.8188	A	4ACSR	7.48Y	124.7	0.00	1.28	1.77	1	12	6	89	0.00	0.0	1.723	0.016	0	0	0	2
		B		7.41Y	123.5	0.00	2.50	1.79	1	12	6	90					0	0	0	2
545427	PL.42937	A	Consumer	7.48Y	124.7	0.00	1.28	0.38	0	3	1	95	0.00	0.0	1.723	0.000	3	1	1	1
		B		7.41Y	123.5	0.00	2.50	0.39	0	3	1	90					3	1	1	1
545425	PL.42937	A	Consumer	7.48Y	124.7	0.00	1.28	0.12	0	1	0	100	0.00	0.0	1.723	0.000	1	0	1	1
		B		7.41Y	123.5	0.00	2.50	0.13	0	1	0	90					1	0	1	1
545426	PL.42937	A	Consumer	7.48Y	124.7	0.00	1.28	1.26	0	8	4	89	0.00	0.0	1.723	0.000	8	4	1	1
		B		7.41Y	123.5	0.00	2.50	1.27	0	8	4	90					8	4	1	1
PL.42934	PL.25739	A	2ACSR	7.48Y	124.7	0.00	1.28	0.03	0	0	0	100	0.00	0.0	1.709	0.003	0	0	0	0
		B		7.41Y	123.5	0.00	2.50	0.52	0	3	2	91					0	0	0	1
		C		7.39Y	123.2	-0.00	2.79	0.03	0	0	0	99					0	0	0	0
PD.8187	PL.42934	A	fuse8AMP	7.48Y	124.7	0.00	1.28	0.03	0	0	0	100	0.00	0.0	1.709	0.000	0	0	0	0
		B		7.41Y	123.5	0.00	2.50	0.52	7	3	2	91					0	0	0	1
		C		7.39Y	123.2	0.00	2.79	0.03	0	0	0	99					0	0	0	0
PL.42935	PD.8187	A	2ACSR	7.48Y	124.7	0.00	1.28	0.03	0	0	0	100	0.00	0.0	1.735	0.026	0	0	0	0
		B		7.41Y	123.5	0.00	2.50	0.52	0	3	2	91					0	0	0	1
		C		7.39Y	123.2	-0.00	2.79	0.03	0	0	0	99					0	0	0	0
PL.41334	PL.42935	B	4ACSR	7.41Y	123.5	0.00	2.50	0.49	0	3	2	83	0.00	0.0	1.759	0.024	0	0	0	1
544410	PL.41334	B	Consumer	7.41Y	123.5	0.00	2.50	0.49	0	3	2	83	0.00	0.0	1.759	0.000	3	2	1	1
545401	PL.42935	A	Consumer	7.48Y	124.7	0.00	1.28	0.03	0	0	0	100	0.00	0.0	1.735	0.000	0	0	0	0
		B		7.41Y	123.5	0.00	2.50	0.03	0	0	0	99					0	0	0	0
		C		7.39Y	123.2	0.00	2.79	0.03	0	0	0	99					0	0	0	0
PL.25740	PL.25739	A	336ACSR	7.48Y	124.7	0.01	1.29	76.21	10	555	130	97	0.48	0.0	1.759	0.054	0	0	0	101
		B		7.41Y	123.5	0.05	2.55	103.17	14	738	200	97					0	0	0	102
		C		7.39Y	123.2	0.05	2.84	124.86	17	893	233	97					0	0	0	144
545311	PL.25740	B	Consumer	7.41Y	123.5	0.00	2.55	1.96	0	13	6	91	0.00	0.0	1.759	0.000	13	6	1	1
545314	PL.25740	B	Consumer	7.41Y	123.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	1.759	0.000	0	0	0	0
545315	PL.25740	B	Consumer	7.41Y	123.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	1.759	0.000	0	0	0	0
544311	PL.25740	B	Consumer	7.41Y	123.5	0.00	2.55	0.51	0	4	1	97	0.00	0.0	1.759	0.000	4	1	1	1
PL.42938	PL.25740	A	4ACSR	7.48Y	124.7	0.00	1.30	3.19	2	22	8	94	0.00	0.0	1.764	0.005	0	0	0	8
		C		7.39Y	123.2	0.00	2.84	5.22	3	37	11	96					0	0	0	7
PD.8189	PL.42938	A	fuse8AMP	7.48Y	124.7	0.00	1.30	3.19	44	22	8	94	0.00	0.0	1.764	0.000	0	0	0	8
		C		7.39Y	123.2	0.00	2.84	5.22	71	37	11	96					0	0	0	7
PL.42939	PD.8189	A	4ACSR	7.48Y	124.7	0.00	1.30	3.19	2	22	8	94	0.00	0.0	1.798	0.034	0	0	0	8
		C		7.39Y	123.2	0.01	2.85	5.22	3	37	11	96					0	0	0	7
PL.3523	PL.42939	A	4ACSR	7.48Y	124.7	0.00	1.30	1.13	1	8	1	99	0.00	0.0	1.821	0.023	0	0	0	4
545308	PL.3523	A	Consumer	7.48Y	124.7	0.00	1.30	0.26	0	2	0	100	0.00	0.0	1.821	0.000	2	0	1	1
545312	PL.3523	A	Consumer	7.48Y	124.7	0.00	1.30	0.30	0	2	0	100	0.00	0.0	1.821	0.000	2	0	1	1
545303	PL.3523	A	Consumer	7.48Y	124.7	0.00	1.30	0.24	0	2	0	100	0.00	0.0	1.821	0.000	2	0	1	1
545307	PL.3523	A	Consumer	7.48Y	124.7	0.00	1.30	0.33	0	2	0	100	0.00	0.0	1.821	0.000	2	0	1	1
PL.25743	PL.42939	A	4ACSR	7.48Y	124.7	0.00	1.30	2.10	1	14	7	89	0.00	0.0	1.817	0.018	0	0	0	4
		C		7.39Y	123.1	0.00	2.85	5.22	3	37	11	96					0	0	0	7
PL.7376	PL.25743	A	4ACSR	7.48Y	124.7	0.00	1.30	1.25	1	8	4	89	0.00	0.0	1.886	0.069	0	0	0	2
		C		7.39Y	123.1	0.02	2.87	5.22	3	37	11	96					0	0	0	7

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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.3527, 545512, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
545218	PL.3518	C	Consumer	7.38Y	123.0	0.00	3.01	0.52	0	4	1	97	0.00	0.0	2.041	0.000	4	1	1	1
545221	PL.3518	C	Consumer	7.38Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	2.041	0.000	0	0	1	1
545204	PL.3518	A	Consumer	7.48Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	2.041	0.000	0	0	0	0
545219	PL.3518	C	Consumer	7.38Y	123.0	0.00	3.01	0.19	0	1	0	100	0.00	0.0	2.041	0.000	1	0	1	1
545220	PL.3518	C	Consumer	7.38Y	123.0	0.00	3.01	0.65	0	5	1	98	0.00	0.0	2.041	0.000	5	1	1	1
545222	PL.3518	C	Consumer	7.38Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	2.041	0.000	0	0	0	0
PL.25744	PL.3518	A	4ACSR	7.48Y	124.6	0.01	1.39	7.56	4	52	23	91	0.00	0.0	2.075	0.034	0	0	0	5
		C		7.38Y	123.0	0.00	3.01	2.45	1	18	3	99					0	0	0	9
PL.18028	PL.25744	C	4ACSR	7.38Y	123.0	0.00	3.01	0.48	0	4	1	97	0.00	0.0	2.079	0.004	0	0	0	2
PD.2829	PL.18028	C	fuse6AMP	7.38Y	123.0	0.00	3.01	0.48	8	4	1	97	0.00	0.0	2.079	0.000	0	0	0	2
PL.18029	PD.2829	C	4ACSR	7.38Y	123.0	0.00	3.01	0.48	0	4	1	97	0.00	0.0	2.095	0.016	0	0	0	2
545215	PL.18029	C	Consumer	7.38Y	123.0	0.00	3.01	0.06	0	0	0	100	0.00	0.0	2.095	0.000	0	0	1	1
545213	PL.18029	C	Consumer	7.38Y	123.0	0.00	3.01	0.42	0	3	0	100	0.00	0.0	2.095	0.000	3	0	1	1
PL.3520	PL.18029	C	4ACSR	7.38Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	2.158	0.063	0	0	0	0
5441001	PL.3520	C	Consumer	7.38Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	2.158	0.000	0	0	0	0
545225	PL.25744	C	Consumer	7.38Y	123.0	0.00	3.01	0.13	0	1	0	100	0.00	0.0	2.075	0.000	1	0	1	1
545223	PL.25744	C	Consumer	7.38Y	123.0	0.00	3.01	0.59	0	4	1	97	0.00	0.0	2.075	0.000	4	1	1	1
544204	PL.25744	C	Consumer	7.38Y	123.0	0.00	3.01	0.77	0	6	1	99	0.00	0.0	2.075	0.000	6	1	1	1
PL.25745	PL.25744	A	4ACSR	7.48Y	124.6	0.02	1.41	7.56	4	52	23	91	0.01	0.0	2.142	0.067	0	0	0	5
		C		7.38Y	123.0	0.00	3.02	0.48	0	3	1	99					0	0	0	4
PL.6972	PL.25745	A	4ACSR	7.48Y	124.6	0.01	1.41	3.60	2	25	10	93	0.00	0.0	2.181	0.039	0	0	0	3
		C		7.38Y	123.0	0.00	3.02	0.38	0	3	0	99					0	0	0	3
544303	PL.6972	A	Consumer	7.48Y	124.6	0.00	1.41	1.07	0	8	1	99	0.00	0.0	2.181	0.000	8	1	1	1
544304	PL.6972	A	Consumer	7.48Y	124.6	0.00	1.41	0.63	0	4	2	89	0.00	0.0	2.181	0.000	4	2	1	1
PL.6973	PL.6972	A	4ACSR	7.47Y	124.6	0.00	1.42	1.93	1	13	6	91	0.00	0.0	2.228	0.047	0	0	0	1
		C		7.38Y	123.0	0.00	3.02	0.38	0	3	0	99					0	0	0	3
544305	PL.6973	C	Consumer	7.38Y	123.0	0.00	3.02	0.09	0	1	0	100	0.00	0.0	2.228	0.000	1	0	1	1
544314	PL.6973	C	Consumer	7.38Y	123.0	0.00	3.02	0.04	0	0	0	100	0.00	0.0	2.228	0.000	0	0	1	1
544306	PL.6973	C	Consumer	7.38Y	123.0	0.00	3.02	0.26	0	2	0	100	0.00	0.0	2.228	0.000	2	0	1	1
544313	PL.6973	A	Consumer	7.47Y	124.6	0.00	1.42	1.93	0	13	6	91	0.00	0.0	2.228	0.000	13	6	1	1
544315	PL.6973	A	Consumer	7.47Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	2.228	0.000	0	0	0	0
544302	PL.25745	C	Consumer	7.38Y	123.0	0.00	3.02	0.10	0	1	0	100	0.00	0.0	2.142	0.000	1	0	1	1
PL.18614	PL.25745	A	4ACSR	7.48Y	124.6	0.00	1.41	3.97	2	27	13	90	0.00	0.0	2.163	0.020	0	0	0	2
PL.18615	PL.18614	A	4ACSR	7.47Y	124.6	0.01	1.42	2.93	2	20	10	89	0.00	0.0	2.205	0.043	0	0	0	1
545226	PL.18615	A	Consumer	7.47Y	124.6	0.00	1.42	2.93	0	20	10	89	0.00	0.0	2.205	0.000	20	10	1	1
544206	PL.18614	A	Consumer	7.48Y	124.6	0.00	1.41	1.04	0	7	3	92	0.00	0.0	2.163	0.000	7	3	1	1
545216	PL.42941	A	Consumer	7.48Y	124.6	0.00	1.36	0.67	0	5	1	98	0.00	0.0	2.002	0.000	5	1	1	1
545211	PL.42941	A	Consumer	7.48Y	124.6	0.00	1.36	0.04	0	0	0	100	0.00	0.0	2.002	0.000	0	0	1	1
545202	PL.42941	A	Consumer	7.48Y	124.6	0.00	1.36	0.11	0	1	0	100	0.00	0.0	2.002	0.000	1	0	1	1

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Unbalanced Voltage Drop Report
Source: FRENCHBURG

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Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss		Length (mi)	KW			KVAR	
PD.8195	PL.42950	A	fuse6AMP	7.48Y	124.6	0.00	1.39	3.29	56	24	6	97	0.00	0.0	2.282	0.000	0	0	0	11
PL.42951	PD.8195	A	4ACSR	7.48Y	124.6	0.00	1.40	3.29	2	24	6	97	0.00	0.0	2.304	0.022	0	0	0	11
034375	PL.42951	A	Consumer	7.48Y	124.6	0.00	1.40	0.31	0	2	0	100	0.00	0.0	2.304	0.000	2	0	1	1
034376	PL.42951	A	Consumer	7.48Y	124.6	0.00	1.40	0.38	0	3	0	100	0.00	0.0	2.304	0.000	3	0	1	1
034373	PL.42951	A	Consumer	7.48Y	124.6	0.00	1.40	0.38	0	3	0	100	0.00	0.0	2.304	0.000	3	0	1	1
034380	PL.42951	A	Consumer	7.48Y	124.6	0.00	1.40	0.25	0	2	0	100	0.00	0.0	2.304	0.000	2	0	1	1
034372	PL.42951	A	Consumer	7.48Y	124.6	0.00	1.40	0.57	0	4	2	89	0.00	0.0	2.304	0.000	4	2	1	1
034377	PL.42951	A	Consumer	7.48Y	124.6	0.00	1.40	0.18	0	1	0	100	0.00	0.0	2.304	0.000	1	0	1	1
034374	PL.42951	A	Consumer	7.48Y	124.6	0.00	1.40	0.40	0	3	0	100	0.00	0.0	2.304	0.000	3	0	1	1
034378	PL.42951	A	Consumer	7.48Y	124.6	0.00	1.40	0.30	0	2	0	100	0.00	0.0	2.304	0.000	2	0	1	1
034398	PL.42951	A	Consumer	7.48Y	124.6	0.00	1.40	0.14	0	1	0	100	0.00	0.0	2.304	0.000	1	0	1	1
034379	PL.42951	A	Consumer	7.48Y	124.6	0.00	1.40	0.33	0	2	0	100	0.00	0.0	2.304	0.000	2	0	1	1
034397	PL.42951	A	Consumer	7.48Y	124.6	0.00	1.40	0.07	0	1	0	100	0.00	0.0	2.304	0.000	1	0	1	1
PL.26032	PL.21588	A	336ACSR	7.48Y	124.6	-0.00	1.39	40.56	6	297	62	98	0.19	0.0	2.309	0.031	0	0	0	34
		B		7.38Y	122.9	0.03	3.06	88.62	12	635	158	97					0	0	0	93
		C		7.37Y	122.8	0.02	3.24	105.58	14	757	177	97					0	0	0	115
PL.17419	PL.26032	A	336ACSR	7.48Y	124.6	-0.00	1.39	38.94	5	285	60	98	0.21	0.0	2.343	0.034	0	0	0	31
		B		7.37Y	122.9	0.04	3.10	88.62	12	634	157	97					0	0	0	93
		C		7.36Y	122.7	0.02	3.26	105.58	14	757	177	97					0	0	0	115
034306	PL.17419	A	Consumer	7.48Y	124.6	0.00	1.39	0.00	0	0	0	100	0.00	0.0	2.343	0.000	0	0	0	0
		C		7.36Y	122.7	0.00	3.26	0.00	0	0	0	100					0	0	0	0
034351	PL.17419	A	Consumer	7.48Y	124.6	0.00	1.39	0.31	0	2	1	89	0.00	0.0	2.343	0.000	2	1	1	1
		C		7.36Y	122.7	0.00	3.26	0.31	0	2	1	90					2	1	1	1
034309	PL.17419	A	Consumer	7.48Y	124.6	0.00	1.39	0.08	0	1	0	100	0.00	0.0	2.343	0.000	1	0	1	1
		C		7.36Y	122.7	0.00	3.26	0.08	0	1	0	99					1	0	1	1
034305	PL.17419	A	Consumer	7.48Y	124.6	0.00	1.39	0.33	0	2	0	100	0.00	0.0	2.343	0.000	2	0	1	1
		C		7.36Y	122.7	0.00	3.26	0.33	0	2	0	99					2	0	1	1
PL.17420	PL.17419	A	336ACSR	7.48Y	124.6	-0.00	1.39	38.24	5	280	58	98	0.40	0.0	2.411	0.067	0	0	0	29
		B		7.37Y	122.8	0.07	3.17	88.62	12	634	157	97					0	0	0	93
		C		7.36Y	122.7	0.04	3.31	104.87	14	752	175	97					0	0	0	113
PL.6297	PL.17420	A	336ACSR	7.48Y	124.6	-0.00	1.38	38.24	5	280	58	98	0.41	0.0	2.481	0.070	0	0	0	29
		B		7.37Y	122.8	0.07	3.24	85.81	12	613	154	97					0	0	0	89
		C		7.36Y	122.7	0.04	3.35	104.87	14	752	175	97					0	0	0	113
034334	PL.6297	B	Consumer	7.37Y	122.8	0.00	3.24	0.63	0	5	1	98	0.00	0.0	2.481	0.000	5	1	1	1
0343106	PL.6297	B	Consumer	7.37Y	122.8	0.00	3.24	1.28	0	8	4	89	0.00	0.0	2.481	0.000	8	4	1	1
PL.27920	PL.6297	A	336ACSR	7.48Y	124.6	-0.00	1.38	38.24	5	280	58	98	0.27	0.0	2.528	0.047	0	0	0	29
		B		7.36Y	122.7	0.05	3.28	83.92	11	600	148	97					0	0	0	87
		C		7.36Y	122.6	0.03	3.38	104.87	14	752	174	97					0	0	0	113
RG.12	PL.27920	A	1ph-100A-7	7.56Y	126.0	-1.38	0.00	38.24	38	280	58	98	percent Boost= 1.11 Tap= 1.8							29
		B		7.56Y	126.0	-3.28	-0.00	83.92	84	600	148	97	percent Boost= 2.68 Tap= 4.3							C
		C		7.56Y	126.0	-3.38	0.00	104.87	105	752	174	97	percent Boost= 2.76 Tap= 4.4							C
PL.28681	RG.12	A	336ACSR	7.56Y	126.0	-0.00	-0.00	37.83	5	280	58	98	0.17	0.0	2.559	0.031	0	0	0	29
		B		7.56Y	126.0	0.03	0.03	81.74	11	600	148	97					0	0	0	87
		C		7.56Y	126.0	0.02	0.02	102.05	14	752	174	97					0	0	0	113
PL.28682	PL.28681	A	336ACSR	7.56Y	126.0	-0.00	-0.00	37.83	5	280	58	98	0.21	0.0	2.597	0.038	0	0	0	29
		B		7.56Y	125.9	0.04	0.07	81.74	11	600	148	97					0	0	0	87
		C		7.56Y	126.0	0.02	0.04	102.05	14	752	173	97					0	0	0	113
034368	PL.28682	B	Consumer	7.56Y	125.9	0.00	0.07	1.72	0	12	6	89	0.00	0.0	2.597	0.000	12	6	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

10/22/2007 09:26 Page 359

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF	kW Loss			% Loss	KW			KVAR
034303	PL.28682	B	Consumer	7.56Y	125.9	0.00	0.07	0.51	0	4	1	97	0.00	0.0	2.597	0.000	4	1	1	1
034365	PL.28682	A	Consumer	7.56Y	126.0	0.00	-0.00	0.00	0	0	0	100	0.00	0.0	2.597	0.000	0	0	0	0
		B		7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		7.56Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0			0	0	0	0
034344	PL.28682	B	Consumer	7.56Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	2.597	0.000	0	0	1	1
034362	PL.28682	A	Consumer	7.56Y	126.0	0.00	-0.00	0.66	0	5	2	93	0.00	0.0	2.597	0.000	5	2	0	0
		B		7.56Y	125.9	0.00	0.07	0.66	0	5	2	90	0.00	0.0			5	2	0	0
		C		7.56Y	126.0	0.00	0.04	0.66	0	5	2	90	0.00	0.0			5	2	0	0
034353	PL.28682	B	Consumer	7.56Y	125.9	0.00	0.07	1.01	0	7	3	92	0.00	0.0	2.597	0.000	7	3	1	1
PL.6296	PL.28682	A	336ACSR	7.56Y	126.0	-0.00	-0.01	37.18	5	276	56	98	0.36	0.0	2.666	0.069	0	0	0	29
		B		7.55Y	125.9	0.06	0.13	77.91	11	573	136	97	0.00	0.0			0	0	0	83
		C		7.55Y	125.9	0.04	0.09	101.41	14	747	171	97	0.00	0.0			0	0	0	113
PL.6295	PL.6296	A	336ACSR	7.56Y	126.0	-0.00	-0.01	37.18	5	276	56	98	0.12	0.0	2.691	0.025	0	0	0	29
		B		7.55Y	125.9	0.02	0.15	64.12	9	471	113	97	0.00	0.0			0	0	0	59
		C		7.55Y	125.9	0.02	0.11	101.41	14	747	170	98	0.00	0.0			0	0	0	113
PL.18578	PL.6295	A	336ACSR	7.56Y	126.0	-0.01	-0.02	37.18	5	276	56	98	0.26	0.0	2.752	0.060	0	0	0	29
		B		7.55Y	125.8	0.04	0.19	62.64	9	460	109	97	0.00	0.0			0	0	0	55
		C		7.55Y	125.9	0.04	0.15	95.88	13	708	151	98	0.00	0.0			0	0	0	111
PD.266-A	PL.18578	A	Closed	7.56Y	126.0	0.00	-0.02	37.18	0	276	56	98	0.00	0.0	2.752	0.000	0	0	0	29
		B		7.55Y	125.8	0.00	0.19	62.64	0	460	109	97	0.00	0.0			0	0	0	55
		C		7.55Y	125.9	0.00	0.15	95.88	0	708	151	98	0.00	0.0			0	0	0	111
PD.266-B	PD.266-A	A	Closed	7.56Y	126.0	0.00	-0.02	37.18	0	276	56	98	0.00	0.0	2.752	0.000	0	0	0	29
		B		7.55Y	125.8	0.00	0.19	62.64	0	460	109	97	0.00	0.0			0	0	0	55
		C		7.55Y	125.9	0.00	0.15	95.88	0	708	151	98	0.00	0.0			0	0	0	111
PL.28038	PD.266-B	A	336ACSR	7.56Y	126.0	-0.00	-0.02	37.18	5	276	56	98	0.10	0.0	2.775	0.023	0	0	0	29
		B		7.55Y	125.8	0.02	0.21	62.64	9	460	109	97	0.00	0.0			0	0	0	55
		C		7.55Y	125.8	0.02	0.16	95.88	13	708	151	98	0.00	0.0			0	0	0	111
PL.28039	PL.28038	A	336ACSR	7.56Y	126.0	-0.00	-0.02	39.29	5	276	111	93	0.14	0.0	2.806	0.031	0	0	0	29
		B		7.55Y	125.8	0.02	0.23	64.70	9	460	163	94	0.00	0.0			0	0	0	55
		C		7.55Y	125.8	0.02	0.18	97.65	13	708	206	96	0.00	0.0			0	0	0	111
PL.1743	PL.28039	A	2ACSR	7.56Y	126.0	0.01	-0.01	11.13	4	72	44	85	0.02	0.0	2.848	0.042	0	0	0	1
		B		7.55Y	125.8	0.01	0.24	11.15	4	72	44	85	0.00	0.0			0	0	0	1
		C		7.55Y	125.8	0.01	0.20	11.15	4	72	44	85	0.00	0.0			0	0	0	1
034317	PL.1743	A	Consumer	7.56Y	126.0	0.00	-0.01	2.33	0	15	9	86	0.00	0.0	2.848	0.000	15	9	0	0
		B		7.55Y	125.8	0.00	0.24	2.34	0	15	9	85	0.00	0.0			15	9	0	0
		C		7.55Y	125.8	0.00	0.20	2.33	0	15	9	85	0.00	0.0			15	9	0	0
PL.31010	PL.1743	A	2ACSR	7.56Y	126.0	0.00	-0.01	8.80	3	57	35	85	0.00	0.0	2.855	0.007	0	0	0	0
		B		7.55Y	125.8	0.00	0.25	8.82	3	57	35	85	0.00	0.0			0	0	0	0
		C		7.55Y	125.8	0.00	0.20	8.81	3	57	35	85	0.00	0.0			0	0	0	0
0343111	PL.31010	A	Consumer	7.56Y	126.0	0.00	-0.01	8.80	0	57	35	85	0.00	0.0	2.855	0.000	57	35	0	0
		B		7.55Y	125.8	0.00	0.25	8.82	0	57	35	85	0.00	0.0			57	35	0	0
		C		7.55Y	125.8	0.00	0.20	8.81	0	57	35	85	0.00	0.0			57	35	0	0
0333064	PL.28039	A	Consumer	7.56Y	126.0	0.00	-0.02	0.00	0	0	0	100	0.00	0.0	2.806	0.000	0	0	0	0
033360	PL.28039	C	Consumer	7.55Y	125.8	0.00	0.18	0.08	0	1	0	100	0.00	0.0	2.806	0.000	1	0	1	1
PL.6310	PL.28039	A	336ACSR	7.56Y	126.0	-0.01	-0.03	28.39	4	204	67	95	0.25	0.0	2.878	0.072	0	0	0	28
		B		7.54Y	125.7	0.05	0.28	53.86	7	389	119	96	0.00	0.0			0	0	0	54
		C		7.55Y	125.8	0.05	0.23	86.90	12	636	161	97	0.00	0.0			0	0	0	109
OCD59	PL.6310	A	VWVE	7.56Y	126.0	0.00	-0.03	12.63	0	84	46	88	0.00	0.0	2.878	0.000	0	0	0	3
		B		7.54Y	125.7	0.00	0.28	26.33	0	188	64	95	0.00	0.0			0	0	0	26
		C		7.55Y	125.8	0.00	0.23	46.58	0	336	102	96	0.00	0.0			0	0	0	59
PL.6294	OCD59	A	1/0ACSR	7.56Y	126.0	-0.00	-0.03	12.63	4	84	46	88	0.18	0.0	2.942	0.063	0	0	0	3
		B		7.54Y	125.7	0.05	0.33	26.33	8	188	64	95	0.00	0.0			0	0	0	26
		C		7.54Y	125.7	0.06	0.29	46.58	14	336	102	96	0.00	0.0			0	0	0	59

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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.18031, PD.267-A, PD.267-B, PL.18032, PL.29276, 034240, PL.21376, PL.21377, PL.20787, 034235, PL.20788, 034209, 034206, 034241, PL.19899, PL.19900, PL.42191, PD.7641, PL.42194, PL.42195, 034218, PL.42193, 034212, PL.28006, 034242.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.28007, 034211, PL.42187, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.39508, PL.39506, PL.18003, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
025917	PL.42203	C	Consumer	7.41Y	123.5	0.00	2.48	5.00	0	33	16	90	0.00	0.0	5.564	0.000	33	16	1	1
PL.42200	PL.6231	C	4ACSR	7.41Y	123.5	0.01	2.47	19.07	10	140	20	99	0.01	0.0	5.517	0.010	0	0	0	41
PD.7644-A	PL.42200	C	Closed	7.41Y	123.5	0.00	2.47	19.07	0	140	20	99	0.00	0.0	5.517	0.000	0	0	0	41
PD.7644-B	PD.7644-A	C	Closed	7.41Y	123.5	0.00	2.47	19.07	0	140	20	99	0.00	0.0	5.517	0.000	0	0	0	41
PL.42201	PD.7644-B	C	4ACSR	7.41Y	123.5	0.03	2.51	19.07	10	140	20	99	0.03	0.0	5.555	0.038	0	0	0	41
PL.6229	PL.42201	C	4ACSR	7.40Y	123.3	0.24	2.74	18.18	9	133	19	99	0.24	0.2	5.859	0.305	0	0	0	39
PL.6227	PL.6229	C	4ACSR	7.38Y	123.0	0.24	2.98	16.56	9	121	17	99	0.22	0.2	6.194	0.335	0	0	0	37
PL.26482	PL.6227	C	4ACSR	7.38Y	123.0	0.06	3.04	14.42	7	105	14	99	0.05	0.0	6.295	0.101	0	0	0	33
PD.225-B	PL.26482	C	Closed	7.38Y	123.0	0.00	3.04	14.42	0	105	14	99	0.00	0.0	6.295	0.000	0	0	0	33
PD.225-A	PD.225-B	C	Closed	7.38Y	123.0	0.00	3.04	14.42	0	105	14	99	0.00	0.0	6.295	0.000	0	0	0	33
PL.26481	PD.225-A	C	4ACSR	7.37Y	122.9	0.08	3.12	14.42	7	105	14	99	0.06	0.1	6.420	0.125	0	0	0	33
PL.6226	PL.26481	C	4ACSR	7.37Y	122.8	0.11	3.23	14.37	7	105	14	99	0.09	0.1	6.596	0.176	0	0	0	32
PL.40691	PL.6226	C	4ACSR	7.37Y	122.8	0.02	3.24	11.18	6	82	11	99	0.01	0.0	6.630	0.034	0	0	0	24
PL.40690	PL.40691	C	4ACSR	7.36Y	122.7	0.01	3.25	10.63	5	78	11	99	0.01	0.0	6.653	0.023	0	0	0	23
PL.41169	PL.40690	C	4ACSR	7.36Y	122.6	0.13	3.39	9.80	5	72	10	99	0.07	0.1	6.971	0.319	0	0	0	22
PL.41171	PL.41169	C	2ACSR	7.36Y	122.6	0.02	3.41	9.80	4	71	10	99	0.01	0.0	7.031	0.059	0	0	0	22
PD.7619-B	PL.41171	C	Closed	7.36Y	122.6	0.00	3.41	9.80	0	71	10	99	0.00	0.0	7.031	0.000	0	0	0	22
PD.7619-A	PD.7619-B	C	Closed	7.36Y	122.6	0.00	3.41	9.80	0	71	10	99	0.00	0.0	7.031	0.000	0	0	0	22
PL.41170	PD.7619-A	C	2ACSR	7.36Y	122.6	0.01	3.41	9.80	4	71	10	99	0.01	0.0	7.065	0.034	0	0	0	22
PL.41166	PL.41170	C	4ACSR	7.35Y	122.5	0.08	3.49	9.80	5	71	10	99	0.04	0.1	7.248	0.183	0	0	0	22
PL.13760	PL.41166	C	4ACSR	7.35Y	122.4	0.06	3.55	8.72	4	64	9	99	0.03	0.0	7.408	0.160	0	0	0	21
PL.41162	PL.13760	C	4ACSR	7.34Y	122.4	0.05	3.61	8.36	4	61	8	99	0.03	0.0	7.558	0.150	0	0	0	20
PD.7617-B	PL.41162	C	Closed	7.34Y	122.4	0.00	3.61	8.36	0	61	8	99	0.00	0.0	7.558	0.000	0	0	0	20
PD.7617-A	PD.7617-B	C	Closed	7.34Y	122.4	0.00	3.61	8.36	0	61	8	99	0.00	0.0	7.558	0.000	0	0	0	20
PL.41161	PD.7617-A	C	4ACSR	7.34Y	122.4	0.00	3.61	8.36	4	61	8	99	0.00	0.0	7.570	0.012	0	0	0	20
PL.13293	PL.41161	C	4ACSR	7.34Y	122.3	0.06	3.66	7.86	4	57	8	99	0.02	0.0	7.735	0.165	0	0	0	18
PL.13292	PL.13293	C	4ACSR	7.34Y	122.3	0.01	3.68	7.86	4	57	8	99	0.01	0.0	7.775	0.041	0	0	0	18
PL.27974	PL.13292	C	4ACSR	7.34Y	122.3	0.01	3.69	7.86	4	57	8	99	0.01	0.0	7.817	0.042	0	0	0	18
PL.27973	PL.27974	C	4ACSR	7.34Y	122.3	0.01	3.71	7.30	4	53	7	99	0.01	0.0	7.864	0.047	0	0	0	17
PL.19203	PL.27973	C	4ACSR	7.34Y	122.3	0.01	3.72	7.27	4	53	7	99	0.01	0.0	7.907	0.043	0	0	0	16
PL.41158	PL.19203	C	4ACSR	7.34Y	122.3	0.01	3.73	6.80	4	49	7	99	0.00	0.0	7.950	0.043	0	0	0	15
PL.41157	PL.41158	C	4ACSR	7.34Y	122.3	0.01	3.74	6.49	3	47	7	99	0.00	0.0	7.985	0.035	0	0	0	14
PL.13291	PL.41157	C	4ACSR	7.33Y	122.2	0.03	3.78	6.49	3	47	7	99	0.01	0.0	8.109	0.124	0	0	0	14
PL.13290	PL.13291	C	4ACSR	7.33Y	122.2	0.01	3.78	6.35	3	46	6	99	0.00	0.0	8.129	0.020	0	0	0	13
PL.6052	PL.13290	C	4ACSR	7.33Y	122.2	0.02	3.81	6.35	3	46	6	99	0.01	0.0	8.218	0.088	0	0	0	13
PL.18264	PL.6052	C	4ACSR	7.33Y	122.2	0.01	3.82	5.95	3	43	6	99	0.00	0.0	8.257	0.039	0	0	0	12
PD.2691	PL.18264	C	15H	7.33Y	122.2	0.00	3.82	5.95	40	43	6	99	0.00	0.0	8.257	0.000	0	0	0	12
PL.18263	PD.2691	C	4ACSR	7.33Y	122.2	0.00	3.82	5.95	3	43	6	99	0.00	0.0	8.262	0.005	0	0	0	12

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
PL.6026	PL.18263	C	4ACSR	7.33Y	122.1	0.06	3.87	5.78	3	42	6	99	0.02	0.0	8.486	0.224	0	0	0	11
PL.21383	PL.6026	C	4ACSR	7.33Y	122.1	0.01	3.88	4.73	2	34	5	99	0.00	0.0	8.517	0.031	0	0	0	9
PL.21382	PL.21383	C	4ACSR	7.33Y	122.1	0.00	3.88	3.78	2	27	4	99	0.00	0.0	8.547	0.030	0	0	0	8
PL.13289	PL.21382	C	4ACSR	7.33Y	122.1	0.02	3.90	2.76	1	20	3	99	0.00	0.0	8.696	0.148	0	0	0	5
PL.22735	PL.13289	C	4ACSR	7.33Y	122.1	0.00	3.90	0.75	0	5	1	98	0.00	0.0	8.750	0.055	0	0	0	2
PL.22734	PL.22735	C	4ACSR	7.33Y	122.1	0.00	3.91	0.75	0	5	1	98	0.00	0.0	8.827	0.076	0	0	0	2
PL.40957	PL.22734	C	4ACSR	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	9.010	0.183	0	0	0	0
PD.7309-B	PL.40957	C	Open	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	9.010	0.000	0	0	0	0
0267046	PL.22734	C	Consumer	7.33Y	122.1	0.00	3.91	0.73	0	5	1	98	0.00	0.0	8.827	0.000	5	1	1	1
026706	PL.22734	C	Consumer	7.33Y	122.1	0.00	3.91	0.02	0	0	0	100	0.00	0.0	8.827	0.000	0	0	1	1
PL.40958	PL.13289	C	4ACSR	7.33Y	122.1	0.00	3.90	1.20	1	9	1	99	0.00	0.0	8.705	0.009	0	0	0	2
PD.7310	PL.40958	C	fuse6AMP	7.33Y	122.1	0.00	3.90	1.20	21	9	1	99	0.00	0.0	8.705	0.000	0	0	0	2
PL.40959	PD.7310	C	4ACSR	7.33Y	122.1	0.00	3.91	1.20	1	9	1	99	0.00	0.0	8.780	0.076	0	0	0	2
PL.6025	PL.40959	C	4ACSR	7.33Y	122.1	0.00	3.91	0.04	0	0	0	100	0.00	0.0	8.854	0.074	0	0	0	1
PL.1966	PL.6025	C	4ACSR	7.33Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	8.981	0.127	0	0	0	0
026722	PL.6025	C	Consumer	7.33Y	122.1	0.00	3.91	0.04	0	0	0	100	0.00	0.0	8.854	0.000	0	0	1	1
026709	PL.40959	C	Consumer	7.33Y	122.1	0.00	3.91	1.17	0	8	1	99	0.00	0.0	8.780	0.000	8	1	1	1
026725	PL.13289	C	Consumer	7.33Y	122.1	0.00	3.90	0.81	0	6	1	99	0.00	0.0	8.696	0.000	6	1	1	1
026708	PL.13289	C	Consumer	7.33Y	122.1	0.00	3.90	0.00	0	0	0	100	0.00	0.0	8.696	0.000	0	0	0	0
PL.41150	PL.21382	C	4ACSR	7.33Y	122.1	0.00	3.88	1.02	1	7	1	99	0.00	0.0	8.549	0.002	0	0	0	3
PD.7613	PL.41150	C	fuse6AMP	7.33Y	122.1	0.00	3.88	1.02	17	7	1	99	0.00	0.0	8.549	0.000	0	0	0	3
PL.41151	PD.7613	C	4ACSR	7.33Y	122.1	0.01	3.89	1.02	1	7	1	99	0.00	0.0	8.692	0.143	0	0	0	3
PL.43750	PL.41151	C	4ACSR	7.33Y	122.1	0.00	3.89	0.82	0	6	1	99	0.00	0.0	8.817	0.124	0	0	0	2
026715	PL.43750	C	Consumer	7.33Y	122.1	0.00	3.89	0.68	0	5	1	98	0.00	0.0	8.817	0.000	5	1	1	1
026726	PL.43750	C	Consumer	7.33Y	122.1	0.00	3.89	0.15	0	1	0	100	0.00	0.0	8.817	0.000	1	0	1	1
026723	PL.41151	C	Consumer	7.33Y	122.1	0.00	3.89	0.20	0	1	0	100	0.00	0.0	8.692	0.000	1	0	1	1
026734	PL.21383	C	Consumer	7.33Y	122.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	8.517	0.000	0	0	0	0
026733	PL.21383	C	Consumer	7.33Y	122.1	0.00	3.88	0.94	0	7	1	99	0.00	0.0	8.517	0.000	7	1	1	1
026741	PL.6026	C	Consumer	7.33Y	122.1	0.00	3.87	1.02	0	7	1	99	0.00	0.0	8.486	0.000	7	1	1	1
026735	PL.6026	C	Consumer	7.33Y	122.1	0.00	3.87	0.03	0	0	0	100	0.00	0.0	8.486	0.000	0	0	1	1
026740	PL.18263	C	Consumer	7.33Y	122.2	0.00	3.82	0.18	0	1	1	71	0.00	0.0	8.262	0.000	1	1	1	1
026720	PL.6052	C	Consumer	7.33Y	122.2	0.00	3.81	0.41	0	3	0	100	0.00	0.0	8.218	0.000	3	0	1	1
PL.41152	PL.13291	C	4ACSR	7.33Y	122.2	0.00	3.78	0.13	0	1	0	100	0.00	0.0	8.117	0.008	0	0	0	1
PD.7614	PL.41152	C	fuse6AMP	7.33Y	122.2	0.00	3.78	0.13	2	1	0	100	0.00	0.0	8.117	0.000	0	0	0	1
PL.41153	PD.7614	C	4ACSR	7.33Y	122.2	0.00	3.78	0.13	0	1	0	100	0.00	0.0	8.124	0.007	0	0	0	1
PL.1963	PL.41153	C	4ACSR	7.33Y	122.2	0.00	3.78	0.13	0	1	0	100	0.00	0.0	8.217	0.093	0	0	0	1
026713	PL.1963	C	Consumer	7.33Y	122.2	0.00	3.78	0.13	0	1	0	100	0.00	0.0	8.217	0.000	1	0	1	1
PL.41159	PL.41158	C	4ACSR	7.34Y	122.3	0.00	3.73	0.31	0	2	0	100	0.00	0.0	7.957	0.007	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PD.7615	PL.41159	C	fuse6AMP	7.34Y	122.3	0.00	3.73	0.31	5	2	0	100	0.00	0.0	7.957	0.000	0	0	0	1
PL.41160	PD.7615	C	4ACSR	7.34Y	122.3	0.00	3.73	0.31	0	2	0	100	0.00	0.0	8.003	0.046	0	0	0	1
026826	PL.41160	C	Consumer	7.34Y	122.3	0.00	3.73	0.31	0	2	0	100	0.00	0.0	8.003	0.000	2	0	1	1
0268027	PL.41160	C	Consumer	7.34Y	122.3	0.00	3.73	0.00	0	0	0	100	0.00	0.0	8.003	0.000	0	0	0	0
026815	PL.19203	C	Consumer	7.34Y	122.3	0.00	3.72	0.47	0	3	0	100	0.00	0.0	7.907	0.000	3	0	1	1
026806	PL.27973	C	Consumer	7.34Y	122.3	0.00	3.71	0.04	0	0	0	100	0.00	0.0	7.864	0.000	0	0	1	1
026801	PL.27974	C	Consumer	7.34Y	122.3	0.00	3.69	0.55	0	4	1	97	0.00	0.0	7.817	0.000	4	1	1	1
PL.28122	PL.41161	C	4ACSR	7.34Y	122.4	0.00	3.61	0.51	0	4	0	100	0.00	0.0	7.596	0.026	0	0	0	2
PD.2774	PL.28122	C	fuse6AMP	7.34Y	122.4	0.00	3.61	0.51	9	4	0	100	0.00	0.0	7.596	0.000	0	0	0	2
PL.22966	PD.2774	C	4ACSR	7.34Y	122.4	0.00	3.61	0.51	0	4	0	100	0.00	0.0	7.641	0.045	0	0	0	2
PL.21900	PL.22966	C	4ACSR	7.34Y	122.4	0.00	3.61	0.22	0	2	0	100	0.00	0.0	7.764	0.122	0	0	0	1
PL.21901	PL.21900	C	4ACSR	7.34Y	122.4	0.00	3.61	0.22	0	2	0	100	0.00	0.0	7.788	0.024	0	0	0	1
PL.28275	PL.21901	C	4ACSR	7.34Y	122.4	0.00	3.62	0.22	0	2	0	100	0.00	0.0	8.094	0.306	0	0	0	1
PL.28276	PL.28275	C	4ACSR	7.34Y	122.4	0.00	3.62	0.22	0	2	0	100	0.00	0.0	8.094	0.000	0	0	0	1
027801	PL.28276	C	Consumer	7.34Y	122.4	0.00	3.62	0.22	0	2	0	100	0.00	0.0	8.094	0.000	2	0	1	1
026802	PL.22966	C	Consumer	7.34Y	122.4	0.00	3.61	0.29	0	2	0	100	0.00	0.0	7.641	0.000	2	0	1	1
026824	PL.22966	C	Consumer	7.34Y	122.4	0.00	3.61	0.00	0	0	0	100	0.00	0.0	7.641	0.000	0	0	0	0
026822	PL.22966	C	Consumer	7.34Y	122.4	0.00	3.61	0.00	0	0	0	100	0.00	0.0	7.641	0.000	0	0	0	0
026816	PL.13760	C	Consumer	7.35Y	122.4	0.00	3.55	0.36	0	3	0	100	0.00	0.0	7.408	0.000	3	0	1	1
PL.41163	PL.41166	C	4ACSR	7.35Y	122.5	0.00	3.49	1.08	1	8	1	99	0.00	0.0	7.258	0.010	0	0	0	1
PD.7618	PL.41163	C	fuse6AMP	7.35Y	122.5	0.00	3.49	1.08	18	8	1	99	0.00	0.0	7.258	0.000	0	0	0	1
PL.41164	PD.7618	C	4ACSR	7.35Y	122.5	0.00	3.50	1.08	1	8	1	99	0.00	0.0	7.326	0.068	0	0	0	1
026817	PL.41164	C	Consumer	7.35Y	122.5	0.00	3.50	1.08	0	8	1	99	0.00	0.0	7.326	0.000	8	1	1	1
0268028	026817	C	Consumer	7.35Y	122.5	0.00	3.50	0.00	0	0	0	100	0.00	0.0	7.326	0.000	0	0	0	0
026929	PL.40690	C	Consumer	7.36Y	122.7	0.00	3.25	0.82	0	6	1	99	0.00	0.0	6.653	0.000	6	1	1	1
PL.40689	PL.40691	C	2ACSR	7.37Y	122.8	0.00	3.24	0.55	0	4	1	97	0.00	0.0	6.645	0.014	0	0	0	1
026901	PL.40689	C	Consumer	7.37Y	122.8	0.00	3.24	0.55	0	4	1	97	0.00	0.0	6.645	0.000	4	1	1	1
026917	PL.6226	C	Consumer	7.37Y	122.8	0.00	3.23	0.50	0	4	0	100	0.00	0.0	6.596	0.000	4	0	1	1
PL.41172	PL.6226	C	4ACSR	7.37Y	122.8	0.00	3.23	2.68	1	20	3	99	0.00	0.0	6.608	0.012	0	0	0	7
PD.7620	PL.41172	C	fuse6AMP	7.37Y	122.8	0.00	3.23	2.68	46	20	3	99	0.00	0.0	6.608	0.000	0	0	0	7
PL.41173	PD.7620	C	4ACSR	7.37Y	122.8	0.01	3.24	2.68	1	20	3	99	0.00	0.0	6.686	0.078	0	0	0	7
026920	PL.41173	C	Consumer	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	6.686	0.000	0	0	0	0
026925	PL.41173	C	Consumer	7.37Y	122.8	0.00	3.24	1.11	0	8	1	99	0.00	0.0	6.686	0.000	8	1	1	1
026907	PL.41173	C	Consumer	7.37Y	122.8	0.00	3.24	0.23	0	2	0	100	0.00	0.0	6.686	0.000	2	0	1	1
PL.19581	PL.41173	C	4ACSR	7.37Y	122.8	0.00	3.24	1.35	1	10	1	100	0.00	0.0	6.754	0.068	0	0	0	5
026926	PL.19581	C	Consumer	7.37Y	122.8	0.00	3.24	0.07	0	1	0	100	0.00	0.0	6.754	0.000	1	0	1	1
026921	PL.19581	C	Consumer	7.37Y	122.8	0.00	3.24	0.74	0	5	1	98	0.00	0.0	6.754	0.000	5	1	1	1
PL.19582	PL.19581	C	4ACSR	7.37Y	122.8	0.00	3.24	0.54	0	4	1	97	0.00	0.0	6.790	0.036	0	0	0	3

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.28273	PL.19582	C	4ACSR	7.37Y	122.8	0.00	3.24	0.31	0	2	0	100	0.00	0.0	6.868	0.078	0	0	0	2
PL.28274	PL.28273	C	4ACSR	7.37Y	122.8	0.00	3.24	0.31	0	2	0	100	0.00	0.0	6.952	0.084	0	0	0	1
026916	PL.28274	C	Consumer	7.37Y	122.8	0.00	3.24	0.31	0	2	0	100	0.00	0.0	6.952	0.000	2	0	1	1
PL.21902	PL.28274	C	4ACSR	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	7.063	0.111	0	0	0	0
026931	PL.28273	C	Consumer	7.37Y	122.8	0.00	3.24	0.00	0	0	0	100	0.00	0.0	6.868	0.000	0	0	1	1
026923	PL.19582	C	Consumer	7.37Y	122.8	0.00	3.24	0.23	0	2	0	100	0.00	0.0	6.790	0.000	2	0	1	1
026902	PL.26481	C	Consumer	7.37Y	122.9	0.00	3.12	0.05	0	0	0	100	0.00	0.0	6.420	0.000	0	0	1	1
PL.42207	PL.6227	C	4ACSR	7.38Y	123.0	0.00	2.98	2.14	1	16	3	98	0.00	0.0	6.204	0.010	0	0	0	4
PD.7646-A	PL.42207	C	Closed	7.38Y	123.0	0.00	2.98	2.14	0	16	3	98	0.00	0.0	6.204	0.000	0	0	0	4
PD.7646-B	PD.7646-A	C	Closed	7.38Y	123.0	0.00	2.98	2.14	0	16	3	98	0.00	0.0	6.204	0.000	0	0	0	4
PL.42206	PD.7646-B	C	4ACSR	7.38Y	123.0	0.01	2.99	2.14	1	16	3	98	0.00	0.0	6.342	0.138	0	0	0	4
PD.7637	PL.42206	C	fuse6AMP	7.38Y	123.0	0.00	2.99	2.14	36	16	3	98	0.00	0.0	6.342	0.000	0	0	0	4
PL.43717	PD.7637	C	4ACSR	7.38Y	123.0	0.01	3.00	2.14	1	16	3	98	0.00	0.0	6.422	0.080	0	0	0	4
0269035	PL.43717	C	Consumer	7.38Y	123.0	0.00	3.00	0.00	0	0	0	100	0.00	0.0	6.422	0.000	0	0	0	0
PL.43716	PL.43717	C	4ACSR	7.38Y	123.0	0.00	3.00	2.14	1	16	3	98	0.00	0.0	6.454	0.032	0	0	0	4
PL.43721	PL.43716	C	4ACSR	7.38Y	123.0	0.00	3.01	2.14	1	16	3	98	0.00	0.0	6.490	0.036	0	0	0	4
PL.43720	PL.43721	C	4ACSR	7.38Y	123.0	0.01	3.01	1.99	1	15	2	99	0.00	0.0	6.551	0.061	0	0	0	3
PL.43719	PL.43720	C	4ACSR	7.38Y	123.0	0.00	3.02	1.99	1	15	2	99	0.00	0.0	6.581	0.030	0	0	0	3
PL.43718	PL.43719	C	4ACSR	7.38Y	123.0	0.00	3.02	1.86	1	14	2	99	0.00	0.0	6.642	0.061	0	0	0	2
PL.1978	PL.43718	C	4ACSR	7.38Y	123.0	0.01	3.03	1.86	1	14	2	99	0.00	0.0	6.717	0.075	0	0	0	1
026934	PL.1978	C	Consumer	7.38Y	123.0	0.00	3.03	1.86	0	14	2	99	0.00	0.0	6.717	0.000	14	2	1	1
PL.26288	PL.43718	C	4ACSR	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	6.730	0.087	0	0	0	1
026928	PL.26288	C	Consumer	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	6.730	0.000	0	0	1	1
PL.6233	PL.26288	C	4ACSR	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	7.028	0.298	0	0	0	0
PL.88	PL.6233	C	4ACSR	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	7.087	0.059	0	0	0	0
PL.87	PL.88	C	4ACSR	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	7.239	0.153	0	0	0	0
PL.23639	PL.87	C	4ACSR	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	7.466	0.227	0	0	0	0
026918	PL.43719	C	Consumer	7.38Y	123.0	0.00	3.02	0.14	0	1	0	100	0.00	0.0	6.581	0.000	1	0	1	1
026933	PL.43721	C	Consumer	7.38Y	123.0	0.00	3.01	0.14	0	1	0	100	0.00	0.0	6.490	0.000	1	0	1	1
PL.20383	PL.6229	C	4ACSR	7.40Y	123.3	0.00	2.74	1.63	1	12	2	99	0.00	0.0	5.879	0.020	0	0	0	2
PD.2773	PL.20383	C	fuse6AMP	7.40Y	123.3	0.00	2.74	1.63	28	12	2	99	0.00	0.0	5.879	0.000	0	0	0	2
PL.41075	PD.2773	C	4ACSR	7.40Y	123.3	0.00	2.75	1.63	1	12	2	99	0.00	0.0	5.889	0.010	0	0	0	2
026924	PL.41075	C	Consumer	7.40Y	123.3	0.00	2.75	1.20	0	9	1	99	0.00	0.0	5.889	0.000	9	1	1	1
PL.41076	PL.41075	C	4ACSR	7.40Y	123.3	0.00	2.75	0.42	0	3	1	95	0.00	0.0	6.063	0.174	0	0	0	1
PL.21903	PL.41076	C	4ACSR	7.39Y	123.2	0.00	2.75	0.42	0	3	1	95	0.00	0.0	6.217	0.154	0	0	0	1
PL.21904	PL.21903	C	4ACSR	7.39Y	123.2	0.00	2.75	0.42	0	3	1	95	0.00	0.0	6.246	0.029	0	0	0	1
PL.21116	PL.21904	C	4ACSR	7.39Y	123.2	0.00	2.75	0.42	0	3	1	95	0.00	0.0	6.363	0.117	0	0	0	1
036208	PL.21116	C	Consumer	7.39Y	123.2	0.00	2.75	0.42	0	3	1	95	0.00	0.0	6.363	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
025914	PL.42201	C	Consumer	7.41Y	123.5	0.00	2.51	0.32	0	2	0	100	0.00	0.0	5.555	0.000	2	0	1	1
025903	PL.42201	C	Consumer	7.41Y	123.5	0.00	2.51	0.57	0	4	1	97	0.00	0.0	5.555	0.000	4	1	1	1
PL.6230	PL.6231	C	4ACSR	7.41Y	123.5	0.05	2.51	9.47	5	69	11	99	0.02	0.0	5.620	0.114	0	0	0	10
025918	PL.6230	C	Consumer	7.41Y	123.5	0.00	2.51	0.25	0	2	0	100	0.00	0.0	5.620	0.000	2	0	1	1
PL.43485	PL.6230	C	4ACSR	7.40Y	123.3	0.23	2.74	9.22	5	67	11	99	0.12	0.2	6.202	0.581	0	0	0	9
PL.43486	PL.43485	C	4ACSR	7.39Y	123.2	0.02	2.77	9.14	5	67	11	99	0.01	0.0	6.253	0.052	0	0	0	8
PL.22216	PL.43486	C	4ACSR	7.39Y	123.2	0.02	2.79	4.17	2	30	5	99	0.00	0.0	6.366	0.113	0	0	0	3
PL.41526	PL.22216	C	4ACSR	7.39Y	123.2	0.00	2.79	4.17	2	30	5	99	0.00	0.0	6.375	0.009	0	0	0	3
PD.7460	PL.41526	C	fuse6AMP	7.39Y	123.2	0.00	2.79	4.17	71	30	5	99	0.00	0.0	6.375	0.000	0	0	0	3
PL.41527	PD.7460	C	4ACSR	7.39Y	123.2	0.03	2.82	4.17	2	30	5	99	0.01	0.0	6.549	0.174	0	0	0	3
025907	PL.41527	C	Consumer	7.39Y	123.2	0.00	2.82	0.57	0	4	1	97	0.00	0.0	6.549	0.000	4	1	1	1
025906	PL.41527	C	Consumer	7.39Y	123.2	0.00	2.82	0.89	0	7	1	99	0.00	0.0	6.549	0.000	7	1	1	1
PL.22215	PL.41527	C	4ACSR	7.39Y	123.2	0.01	2.83	2.71	1	20	3	99	0.00	0.0	6.674	0.124	0	0	0	1
PL.22214	PL.22215	C	4ACSR	7.39Y	123.2	0.01	2.84	2.71	1	20	3	99	0.00	0.0	6.720	0.046	0	0	0	1
0259022	PL.22214	C	Consumer	7.39Y	123.2	0.00	2.84	2.71	0	20	3	99	0.00	0.0	6.720	0.000	20	3	1	1
PL.6234	PL.22216	C	4ACSR	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	6.391	0.025	0	0	0	0
PL.6235	PL.6234	C	4ACSR	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	6.424	0.033	0	0	0	0
PL.1712	PL.6235	C	4ACSR	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	6.577	0.152	0	0	0	0
PL.1713	PL.1712	C	4ACSR	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	6.900	0.323	0	0	0	0
PL.1714	PL.1713	C	4ACSR	7.39Y	123.2	0.00	2.79	0.00	0	0	0	100	0.00	0.0	6.968	0.068	0	0	0	0
PL.18463	PL.43486	C	4ACSR	7.39Y	123.1	0.09	2.86	4.98	3	36	6	99	0.02	0.1	6.673	0.420	0	0	0	5
C PD.226	PL.18463	C	fuse6AMP	7.39Y	123.1	0.00	2.86	4.98	85	36	6	99	0.00	0.0	6.673	0.000	0	0	0	5 C
PL.18206	PD.226	C	4ACSR	7.39Y	123.1	0.01	2.86	4.98	3	36	6	99	0.00	0.0	6.701	0.028	0	0	0	5
PL.43762	PL.18206	C	4ACSR	7.39Y	123.1	0.04	2.90	4.98	3	36	6	99	0.01	0.0	6.886	0.185	0	0	0	5
PL.43763	PL.43762	C	4ACSR	7.38Y	123.0	0.13	3.03	4.98	3	36	6	99	0.03	0.1	7.468	0.582	0	0	0	5
PL.26286	PL.43763	C	4ACSR	7.38Y	123.0	0.01	3.04	4.25	2	31	5	99	0.00	0.0	7.539	0.071	0	0	0	4
PL.41522	PL.26286	C	4ACSR	7.38Y	123.0	0.00	3.04	3.29	2	24	4	99	0.00	0.0	7.546	0.007	0	0	0	3
PD.7458	PL.41522	C	fuse6AMP	7.38Y	123.0	0.00	3.04	3.29	56	24	4	99	0.00	0.0	7.546	0.000	0	0	0	3
PL.41523	PD.7458	C	4ACSR	7.38Y	123.0	0.01	3.05	3.29	2	24	4	99	0.00	0.0	7.608	0.063	0	0	0	3
PL.6236	PL.41523	C	4ACSR	7.38Y	122.9	0.01	3.06	2.79	1	20	3	99	0.00	0.0	7.727	0.119	0	0	0	2
025807	PL.6236	C	Consumer	7.38Y	122.9	0.00	3.06	0.27	0	2	0	100	0.00	0.0	7.727	0.000	2	0	1	1
PL.6237	PL.6236	C	4ACSR	7.38Y	122.9	0.01	3.07	2.52	1	18	3	99	0.00	0.0	7.817	0.090	0	0	0	1
025802	PL.6237	C	Consumer	7.38Y	122.9	0.00	3.07	2.52	0	18	3	99	0.00	0.0	7.817	0.000	18	3	1	1
025806	PL.41523	C	Consumer	7.38Y	123.0	0.00	3.05	0.51	0	4	1	97	0.00	0.0	7.608	0.000	4	1	1	1
PL.41524	PL.26286	C	4ACSR	7.38Y	123.0	0.00	3.04	0.95	0	7	1	99	0.00	0.0	7.551	0.012	0	0	0	1
PD.7459	PL.41524	C	fuse6AMP	7.38Y	123.0	0.00	3.04	0.95	16	7	1	99	0.00	0.0	7.551	0.000	0	0	0	1
PL.41525	PD.7459	C	4ACSR	7.38Y	123.0	0.00	3.04	0.95	0	7	1	99	0.00	0.0	7.614	0.063	0	0	0	1
PL.40583	PL.41525	C	4ACSR	7.38Y	123.0	0.00	3.04	0.95	0	7	1	99	0.00	0.0	7.656	0.042	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for various elements like PL.40584, PL.21907, etc.

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 0342051, PL.33087, 0342050, etc.

Unbalanced Voltage Drop Report
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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes data for various elements like PL.21490, PL.11977, etc.

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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.11979, 0332115, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR	
C PD.7473	PL.6307	C	fuse6AMP	7.48Y	124.6	0.00	1.39	9.91	169	73	12	99	0.00	0.0	4.162	0.000	0	0	0	10	C
PL.23841	PD.7473	C	4ACSR	7.48Y	124.6	0.00	1.39	9.91	5	73	12	99	0.00	0.0	4.163	0.001	0	0	0	10	
033276	PL.23841	C	Consumer	7.48Y	124.6	0.00	1.39	0.64	0	5	1	98	0.00	0.0	4.163	0.000	5	1	1	1	
0332110	PL.23841	C	Consumer	7.48Y	124.6	0.00	1.39	0.29	0	2	0	100	0.00	0.0	4.163	0.000	2	0	1	1	
0332119	PL.23841	C	Consumer	7.48Y	124.6	0.00	1.39	1.33	0	10	2	98	0.00	0.0	4.163	0.000	10	2	1	1	
0322009	PL.23841	C	Consumer	7.48Y	124.6	0.00	1.39	0.00	0	0	0	100	0.00	0.0	4.163	0.000	0	0	0	0	
0332293	PL.23841	C	Consumer	7.48Y	124.6	0.00	1.39	0.59	0	4	1	97	0.00	0.0	4.163	0.000	4	1	1	1	
PL.41537	PL.23841	C	4ACSR	7.48Y	124.6	0.00	1.39	6.12	3	45	7	99	0.00	0.0	4.166	0.004	0	0	0	5	
C PD.7471	PL.41537	C	fuse6AMP	7.48Y	124.6	0.00	1.39	6.12	105	45	7	99	0.00	0.0	4.166	0.000	0	0	0	5	C
PL.41538	PD.7471	C	4ACSR	7.48Y	124.6	0.01	1.40	6.12	3	45	7	99	0.00	0.0	4.199	0.032	0	0	0	5	
PL.6304	PL.41538	C	4ACSR	7.48Y	124.6	0.01	1.41	4.46	2	33	5	99	0.00	0.0	4.257	0.058	0	0	0	2	
0332290	PL.6304	C	Consumer	7.48Y	124.6	0.00	1.41	1.87	0	14	2	99	0.00	0.0	4.257	0.000	14	2	1	1	
0332260	PL.6304	C	Consumer	7.48Y	124.6	0.00	1.41	0.00	0	0	0	100	0.00	0.0	4.257	0.000	0	0	0	0	
0332256	PL.6304	C	Consumer	7.48Y	124.6	0.00	1.41	2.59	0	19	3	99	0.00	0.0	4.257	0.000	19	3	1	1	
0332291	PL.41538	C	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	4.199	0.000	0	0	0	0	
0332266	PL.41538	C	Consumer	7.48Y	124.6	0.00	1.40	0.14	0	1	0	100	0.00	0.0	4.199	0.000	1	0	1	1	
0332113	PL.41538	C	Consumer	7.48Y	124.6	0.00	1.40	1.44	0	11	2	98	0.00	0.0	4.199	0.000	11	2	1	1	
0332263	PL.41538	C	Consumer	7.48Y	124.6	0.00	1.40	0.07	0	1	0	100	0.00	0.0	4.199	0.000	1	0	1	1	
PL.24525	PL.23841	C	4ACSR	7.48Y	124.6	0.01	1.40	0.95	0	7	1	99	0.00	0.0	4.304	0.141	0	0	0	1	
PL.24526	PL.24525	C	4ACSR	7.48Y	124.6	0.00	1.40	0.95	0	7	1	99	0.00	0.0	4.384	0.081	0	0	0	1	
032206	PL.24526	C	Consumer	7.48Y	124.6	0.00	1.40	0.95	0	7	1	99	0.00	0.0	4.384	0.000	7	1	1	1	
0332247	PL.6306	C	Consumer	7.48Y	124.7	0.00	1.34	1.63	0	12	2	99	0.00	0.0	4.049	0.000	12	2	1	1	
0332279	PL.6306	C	Consumer	7.48Y	124.7	0.00	1.34	0.92	0	7	1	99	0.00	0.0	4.049	0.000	7	1	1	1	
0332248	PL.6306	C	Consumer	7.48Y	124.7	0.00	1.34	0.12	0	1	0	100	0.00	0.0	4.049	0.000	1	0	1	1	
0332289	PL.6306	C	Consumer	7.48Y	124.7	0.00	1.34	0.65	0	5	1	98	0.00	0.0	4.049	0.000	5	1	1	1	
0332102	PL.6306	C	Consumer	7.48Y	124.7	0.00	1.34	0.00	0	0	0	100	0.00	0.0	4.049	0.000	0	0	0	0	
0332280	PL.6306	C	Consumer	7.48Y	124.7	0.00	1.34	0.85	0	6	1	99	0.00	0.0	4.049	0.000	6	1	1	1	
0332275	PL.6305	C	Consumer	7.48Y	124.7	0.00	1.29	1.68	0	12	2	99	0.00	0.0	3.956	0.000	12	2	1	1	
0332297	PL.6305	C	Consumer	7.48Y	124.7	0.00	1.29	1.13	0	8	1	99	0.00	0.0	3.956	0.000	8	1	1	1	
0332106	PL.27865	C	Consumer	7.50Y	125.0	0.00	0.99	0.39	0	3	0	100	0.00	0.0	3.586	0.000	3	0	1	1	
0332243	PL.27865	C	Consumer	7.50Y	125.0	0.00	0.99	0.53	0	4	1	97	0.00	0.0	3.586	0.000	4	1	1	1	
0332122	PL.27865	C	Consumer	7.50Y	125.0	0.00	0.99	1.31	0	10	2	98	0.00	0.0	3.586	0.000	10	2	1	1	
PL.6311	PL.6301	A	2ACSR	7.55Y	125.9	0.01	0.10	14.57	6	108	19	98	0.02	0.0	3.416	0.025	0	0	0	23	
		B		7.52Y	125.3	0.01	0.72	18.41	7	137	23	99					0	0	0	20	
		C		7.51Y	125.2	0.01	0.79	11.63	5	85	20	97					0	0	0	14	
PL.11982	PL.6311	A	2ACSR	7.55Y	125.9	0.03	0.13	14.57	6	108	19	98	0.06	0.0	3.486	0.070	0	0	0	23	
		B		7.51Y	125.2	0.03	0.75	18.41	7	137	23	99					0	0	0	20	
		C		7.51Y	125.2	0.01	0.81	10.14	4	75	15	98					0	0	0	13	
PL.41539	PL.11982	A	2ACSR	7.55Y	125.8	0.02	0.15	14.57	6	108	19	98	0.05	0.0	3.540	0.054	0	0	0	23	
		B		7.51Y	125.2	0.02	0.78	18.41	7	137	22	99					0	0	0	20	
		C		7.51Y	125.2	0.01	0.82	10.14	4	75	15	98					0	0	0	13	

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PD.7474-A	PL.41539	A	Closed	7.55Y	125.8	0.00	0.15	14.57	0	108	19	98	0.00	0.0	3.540	0.000	0	0	0	23		
		B		7.51Y	125.2	0.00	0.78	18.41	0	137	22	99					0	0	0	20		
		C		7.51Y	125.2	0.00	0.82	10.14	0	75	15	98					0	0	0	13		
PD.7474-B	PD.7474-A	A	Closed	7.55Y	125.8	0.00	0.15	14.57	0	108	19	98	0.00	0.0	3.540	0.000	0	0	0	23		
		B		7.51Y	125.2	0.00	0.78	18.41	0	137	22	99					0	0	0	20		
		C		7.51Y	125.2	0.00	0.82	10.14	0	75	15	98					0	0	0	13		
PL.41540	PD.7474-B	A	2ACSR	7.55Y	125.8	0.03	0.18	14.57	6	108	19	98	0.07	0.0	3.614	0.074	0	0	0	23		
		B		7.51Y	125.2	0.03	0.81	18.41	7	137	22	99					0	0	0	20		
		C		7.51Y	125.2	0.01	0.83	10.14	4	75	15	98					0	0	0	13		
PL.41541	PL.41540	B	4ACSR	7.51Y	125.2	0.00	0.81	1.75	1	13	2	99	0.00	0.0	3.619	0.006	0	0	0	3		
PD.7476	PL.41541	B	fuse6AMP	7.51Y	125.2	0.00	0.81	1.75	30	13	2	99	0.00	0.0	3.619	0.000	0	0	0	3		
PL.41542	PD.7476	B	4ACSR	7.51Y	125.2	0.00	0.81	1.75	1	13	2	99	0.00	0.0	3.634	0.015	0	0	0	3		
033252	PL.41542	B	Consumer	7.51Y	125.2	0.00	0.81	1.04	0	8	1	99	0.00	0.0	3.634	0.000	8	1	1	1		
033249	PL.41542	B	Consumer	7.51Y	125.2	0.00	0.81	0.07	0	1	0	100	0.00	0.0	3.634	0.000	1	0	1	1		
PL.6299	PL.41542	B	4ACSR	7.51Y	125.2	0.00	0.81	0.64	0	5	1	98	0.00	0.0	3.697	0.062	0	0	0	1		
033228	PL.6299	B	Consumer	7.51Y	125.2	0.00	0.81	0.64	0	5	1	98	0.00	0.0	3.697	0.000	5	1	1	1		
PL.11988	PL.41540	A	2ACSR	7.55Y	125.8	0.02	0.21	14.57	6	108	19	98	0.04	0.0	3.669	0.055	0	0	0	23		
		B		7.51Y	125.2	0.02	0.83	16.67	7	124	20	99					0	0	0	17		
		C		7.51Y	125.2	0.01	0.85	10.14	4	75	15	98					0	0	0	13		
PL.11989	PL.11988	A	2ACSR	7.55Y	125.8	0.01	0.22	14.57	6	108	19	98	0.02	0.0	3.700	0.031	0	0	0	23		
		B		7.51Y	125.2	0.01	0.84	15.83	6	117	19	99					0	0	0	16		
		C		7.51Y	125.1	0.01	0.85	10.14	4	75	15	98					0	0	0	13		
PL.11990	PL.11989	A	2ACSR	7.54Y	125.7	0.04	0.26	12.43	5	92	16	99	0.07	0.0	3.807	0.107	0	0	0	22		
		B		7.51Y	125.1	0.04	0.89	15.83	6	117	19	99					0	0	0	16		
		C		7.51Y	125.1	0.02	0.88	10.14	4	75	15	98					0	0	0	13		
PL.30356	PL.11990	A	2ACSR	7.54Y	125.7	0.02	0.28	12.43	5	92	16	99	0.04	0.0	3.876	0.069	0	0	0	22		
		B		7.51Y	125.1	0.02	0.91	13.40	5	99	16	99					0	0	0	12		
		C		7.51Y	125.1	0.01	0.89	8.83	3	65	11	99					0	0	0	9		
033202	PL.30356	A	Consumer	7.54Y	125.7	0.00	0.28	0.26	0	2	0	100	0.00	0.0	3.876	0.000	2	0	1	1		
PL.30358	PL.30356	A	336ACSR	7.54Y	125.7	0.02	0.30	12.17	2	90	16	98	0.02	0.0	4.023	0.147	0	0	0	21		
		B		7.50Y	125.1	0.01	0.92	13.40	2	99	16	99					0	0	0	12		
		C		7.51Y	125.1	0.01	0.89	8.83	1	65	11	99					0	0	0	9		
033288	PL.30358	A	Consumer	7.54Y	125.7	0.00	0.30	0.04	0	0	0	100	0.00	0.0	4.023	0.000	0	0	1	1		
033201	PL.30358	A	Consumer	7.54Y	125.7	0.00	0.30	0.41	0	3	1	95	0.00	0.0	4.023	0.000	3	1	1	1		
PL.30359	PL.30358	A	336ACSR	7.54Y	125.7	0.01	0.31	11.71	2	87	15	99	0.01	0.0	4.125	0.102	0	0	0	19		
		B		7.50Y	125.1	0.01	0.93	13.40	2	99	16	99					0	0	0	12		
		C		7.51Y	125.1	0.00	0.90	8.83	1	65	11	99					0	0	0	9		
PL.11993	PL.30359	A	336ACSR	7.54Y	125.7	0.00	0.31	11.48	2	85	15	98	0.00	0.0	4.162	0.037	0	0	0	18		
		B		7.50Y	125.1	0.00	0.93	13.40	2	99	16	99					0	0	0	12		
		C		7.51Y	125.1	0.00	0.90	8.83	1	65	11	99					0	0	0	9		
PL.81	PL.11993	A	2ACSR	7.54Y	125.7	0.03	0.34	11.48	5	85	15	98	0.04	0.0	4.246	0.084	0	0	0	18		
		B		7.50Y	125.0	0.03	0.96	13.40	5	99	16	99					0	0	0	12		
		C		7.51Y	125.1	0.02	0.92	8.83	3	65	11	99					0	0	0	9		
PL.18790	PL.81	B	4ACSR	7.50Y	125.0	0.00	0.96	4.45	2	33	5	99	0.00	0.0	4.265	0.019	0	0	0	4		
PD.2573	PL.18790	B	fuse6AMP	7.50Y	125.0	0.00	0.96	4.45	76	33	5	99	0.00	0.0	4.265	0.000	0	0	0	4		
PL.19541	PD.2573	B	4ACSR	7.50Y	125.0	0.01	0.97	4.45	2	33	5	99	0.00	0.0	4.306	0.041	0	0	0	4		
023915	PL.19541	B	Consumer	7.50Y	125.0	0.00	0.97	1.18	0	9	1	99	0.00	0.0	4.306	0.000	9	1	1	1		
PL.19542	PL.19541	B	4ACSR	7.50Y	125.0	0.00	0.97	3.26	2	24	4	99	0.00	0.0	4.339	0.033	0	0	0	3		
PL.1782	PL.19542	B	4ACSR	7.50Y	125.0	0.01	0.98	3.26	2	24	4	99	0.00	0.0	4.412	0.073	0	0	0	3		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
023924	PL.1782	B	Consumer	7.50Y	125.0	0.00	0.98	0.22	0	2	0	100	0.00	0.0	4.412	0.000	2	0	1	1
PL.6183	PL.1782	B	4ACSR	7.50Y	125.0	0.02	1.00	3.04	2	23	4	99	0.00	0.0	4.540	0.128	0	0	0	2
PL.6184	PL.6183	B	4ACSR	7.50Y	125.0	0.00	1.00	1.76	1	13	2	99	0.00	0.0	4.599	0.059	0	0	0	1
023928	PL.6184	B	Consumer	7.50Y	125.0	0.00	1.00	1.76	0	13	2	99	0.00	0.0	4.599	0.000	13	2	1	1
023934	PL.6183	B	Consumer	7.50Y	125.0	0.00	1.00	1.28	0	10	2	98	0.00	0.0	4.540	0.000	10	2	1	1
0239050	PL.19542	B	Consumer	7.50Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	4.339	0.000	0	0	0	0
PL.11994	PL.81	A	2ACSR	7.54Y	125.6	0.02	0.36	11.48	5	85	15	98	0.03	0.0	4.327	0.081	0	0	0	18
		B		7.50Y	125.0	0.02	0.97	8.96	4	66	11	99			0	0	0	0	8	
		C		7.50Y	125.1	0.02	0.93	8.83	3	65	11	99			0	0	0	0	9	
PL.11995	PL.11994	A	2ACSR	7.54Y	125.6	0.02	0.38	11.48	5	85	15	98	0.02	0.0	4.377	0.049	0	0	0	18
		B		7.50Y	125.0	0.01	0.98	8.96	4	66	11	99			0	0	0	0	8	
		C		7.50Y	125.1	0.01	0.94	5.21	2	39	7	98			0	0	0	0	8	
023922	PL.11995	A	Consumer	7.54Y	125.6	0.00	0.38	0.52	0	4	1	97	0.00	0.0	4.377	0.000	4	1	1	1
PL.11996	PL.11995	A	2ACSR	7.54Y	125.6	0.02	0.40	10.96	4	81	14	99	0.02	0.0	4.432	0.055	0	0	0	17
		B		7.50Y	125.0	0.01	0.99	8.96	4	66	11	99			0	0	0	0	8	
		C		7.50Y	125.1	0.01	0.95	5.21	2	39	7	98			0	0	0	0	8	
PL.11997	PL.11996	A	2ACSR	7.53Y	125.6	0.03	0.43	10.96	4	81	14	99	0.03	0.0	4.527	0.095	0	0	0	17
		B		7.50Y	125.0	0.02	1.01	8.96	4	66	11	99			0	0	0	0	8	
		C		7.50Y	125.0	0.01	0.96	5.21	2	39	7	98			0	0	0	0	8	
PL.41545	PL.11997	C	4ACSR	7.50Y	125.0	0.00	0.96	2.23	1	16	3	98	0.00	0.0	4.532	0.005	0	0	0	3
PD.7478	PL.41545	C	fuse6AMP	7.50Y	125.0	0.00	0.96	2.23	38	16	3	98	0.00	0.0	4.532	0.000	0	0	0	3
PL.41546	PD.7478	C	4ACSR	7.50Y	125.0	0.01	0.97	2.23	1	16	3	98	0.00	0.0	4.617	0.085	0	0	0	3
023911	PL.41546	C	Consumer	7.50Y	125.0	0.00	0.97	0.50	0	4	1	97	0.00	0.0	4.617	0.000	4	1	1	1
023936	PL.41546	C	Consumer	7.50Y	125.0	0.00	0.97	1.41	0	10	2	98	0.00	0.0	4.617	0.000	10	2	1	1
023912	PL.41546	C	Consumer	7.50Y	125.0	0.00	0.97	0.32	0	2	0	100	0.00	0.0	4.617	0.000	2	0	1	1
PL.11998	PL.11997	A	2ACSR	7.53Y	125.6	0.01	0.43	10.96	4	81	14	99	0.01	0.0	4.552	0.025	0	0	0	17
		B		7.50Y	125.0	0.00	1.01	8.96	4	66	11	99			0	0	0	0	8	
		C		7.50Y	125.0	0.00	0.96	2.99	1	22	4	98			0	0	0	0	4	
PL.6186	PL.11998	A	2ACSR	7.53Y	125.5	0.03	0.46	10.96	4	81	14	99	0.02	0.0	4.631	0.079	0	0	0	17
		B		7.50Y	125.0	0.01	1.03	8.96	4	66	11	99			0	0	0	0	8	
		C		7.50Y	125.0	0.00	0.96	2.90	1	21	4	98			0	0	0	0	3	
PD.3377	PL.6186	A	35L	7.53Y	125.5	0.00	0.46	10.96	31	81	14	99	0.00	0.0	4.631	0.000	0	0	0	17
		B		7.50Y	125.0	0.00	1.03	8.96	26	66	11	99			0	0	0	0	8	
		C		7.50Y	125.0	0.00	0.96	2.90	8	21	4	98			0	0	0	0	3	
PL.11999	PD.3377	A	2ACSR	7.53Y	125.5	0.01	0.48	10.96	4	81	14	99	0.01	0.0	4.672	0.040	0	0	0	17
		B		7.50Y	125.0	0.01	1.03	8.96	4	66	11	99			0	0	0	0	8	
		C		7.50Y	125.0	0.00	0.97	2.90	1	21	4	98			0	0	0	0	3	
PL.18642	PL.11999	C	4ACSR	7.50Y	125.0	0.00	0.97	2.00	1	15	2	99	0.00	0.0	4.690	0.018	0	0	0	1
PD.2575	PL.18642	C	fuse6AMP	7.50Y	125.0	0.00	0.97	2.00	34	15	2	99	0.00	0.0	4.690	0.000	0	0	0	1
PL.18643	PD.2575	C	4ACSR	7.50Y	125.0	0.02	0.99	2.00	1	15	2	99	0.00	0.0	4.931	0.241	0	0	0	1
023947	PL.18643	C	Consumer	7.50Y	125.0	0.00	0.99	2.00	0	15	2	99	0.00	0.0	4.931	0.000	15	2	1	1
023946	PL.18643	C	Consumer	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	4.931	0.000	0	0	0	0
PL.12000	PL.11999	A	2ACSR	7.53Y	125.5	0.01	0.48	10.96	4	81	14	99	0.00	0.0	4.686	0.015	0	0	0	17
		B		7.50Y	125.0	0.00	1.04	8.96	4	66	11	99			0	0	0	0	8	
		C		7.50Y	125.0	-0.00	0.97	0.90	0	7	1	98			0	0	0	0	2	
023942	PL.12000	A	Consumer	7.53Y	125.5	0.00	0.48	0.19	0	1	1	71	0.00	0.0	4.686	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.29867	PL.12000	A	2ACSR	7.53Y	125.5	0.02	0.50	10.78	4	80	14	99	0.02	0.0	4.748	0.062	0	0	0	16
		B		7.50Y	125.0	0.01	1.05	8.96	4	66	11	99					0	0	0	8
		C		7.50Y	125.0	-0.00	0.97	0.90	0	7	1	98					0	0	0	2
PL.29868	PL.29867	A	2ACSR	7.53Y	125.5	0.00	0.50	10.78	4	80	14	99	0.00	0.0	4.749	0.001	0	0	0	16
		B		7.50Y	125.0	0.00	1.05	6.89	3	51	8	99					0	0	0	7
		C		7.50Y	125.0	0.00	0.97	0.90	0	7	1	98					0	0	0	2
PL.12002	PL.29868	A	336ACSR	7.53Y	125.5	0.03	0.54	10.78	1	80	14	99	0.01	0.0	5.017	0.268	0	0	0	16
		B		7.50Y	125.0	-0.00	1.05	6.89	1	51	8	99					0	0	0	7
		C		7.50Y	125.0	0.00	0.97	0.90	0	7	1	98					0	0	0	2
PL.12003	PL.12002	A	336ACSR	7.53Y	125.5	0.01	0.55	7.83	1	58	10	99	0.00	0.0	5.134	0.117	0	0	0	13
		B		7.50Y	125.0	0.00	1.05	6.89	1	51	8	99					0	0	0	7
		C		7.50Y	125.0	-0.00	0.97	0.90	0	7	1	98					0	0	0	2
023944	PL.12003	A	Consumer	7.53Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	5.134	0.000	0	0	1	1
PL.6185	PL.12003	A	336ACSR	7.53Y	125.4	0.01	0.55	7.83	1	58	10	99	0.00	0.0	5.191	0.057	0	0	0	12
		B		7.50Y	125.0	0.00	1.05	6.89	1	51	8	99					0	0	0	7
		C		7.50Y	125.0	-0.00	0.96	0.90	0	7	1	98					0	0	0	2
PL.12004	PL.6185	A	336ACSR	7.53Y	125.4	0.01	0.56	7.83	1	58	10	99	0.00	0.0	5.298	0.106	0	0	0	12
		B		7.50Y	125.0	0.00	1.05	5.90	1	44	7	99					0	0	0	6
		C		7.50Y	125.0	-0.00	0.96	0.90	0	7	1	98					0	0	0	2
PL.12005	PL.12004	A	2ACSR	7.52Y	125.4	0.06	0.62	5.87	2	44	8	98	0.03	0.0	5.596	0.298	0	0	0	10
		B		7.50Y	124.9	0.03	1.08	5.34	2	39	6	99					0	0	0	5
		C		7.50Y	125.0	0.00	0.97	0.90	0	7	1	98					0	0	0	2
PL.1566	PL.12005	A	4ACSR	7.52Y	125.4	0.00	0.62	0.64	0	5	1	98	0.00	0.0	5.686	0.089	0	0	0	1
023819	PL.1566	A	Consumer	7.52Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	5.686	0.000	0	0	0	0
023818	PL.1566	A	Consumer	7.52Y	125.4	0.00	0.62	0.64	0	5	1	98	0.00	0.0	5.686	0.000	5	1	1	1
023815	PL.12005	B	Consumer	7.50Y	124.9	0.00	1.08	1.51	0	11	2	98	0.00	0.0	5.596	0.000	11	2	1	1
PL.12006	PL.12005	A	2ACSR	7.52Y	125.4	0.03	0.65	5.24	2	39	7	98	0.01	0.0	5.753	0.157	0	0	0	9
		B		7.49Y	124.9	0.01	1.09	3.82	2	28	5	99					0	0	0	4
		C		7.50Y	125.0	0.00	0.97	0.90	0	7	1	98					0	0	0	2
PL.12007	PL.12006	A	2ACSR	7.52Y	125.3	0.02	0.66	3.44	1	25	5	98	0.01	0.0	5.904	0.151	0	0	0	8
		B		7.49Y	124.9	0.01	1.10	3.82	2	28	5	99					0	0	0	4
		C		7.50Y	125.0	0.00	0.97	0.90	0	7	1	98					0	0	0	2
PL.12008	PL.12007	A	2ACSR	7.52Y	125.3	0.00	0.67	3.44	1	25	5	98	0.00	0.0	5.945	0.041	0	0	0	8
		B		7.49Y	124.9	0.00	1.11	3.82	2	28	5	99					0	0	0	4
		C		7.50Y	125.0	0.00	0.97	0.90	0	7	1	98					0	0	0	2
PL.18342	PL.12008	A	2ACSR	7.52Y	125.3	0.01	0.68	3.44	1	25	5	98	0.00	0.0	6.062	0.116	0	0	0	8
		B		7.49Y	124.9	0.01	1.12	3.82	2	28	5	99					0	0	0	4
		C		7.50Y	125.0	0.00	0.97	0.90	0	7	1	98					0	0	0	2
PD.164	PL.18342	A	fuse6AMP	7.52Y	125.3	0.00	0.68	3.44	59	25	5	98	0.00	0.0	6.062	0.000	0	0	0	8
		B		7.49Y	124.9	0.00	1.12	3.82	65	28	5	99					0	0	0	4
		C		7.50Y	125.0	0.00	0.97	0.90	15	7	1	98					0	0	0	2
PL.19615	PD.164	A	2ACSR	7.52Y	125.3	0.00	0.68	3.44	1	25	5	98	0.00	0.0	6.072	0.010	0	0	0	8
		B		7.49Y	124.9	0.00	1.12	3.82	2	28	5	99					0	0	0	4
		C		7.50Y	125.0	0.00	0.97	0.90	0	7	1	98					0	0	0	2
PL.19616	PL.19615	A	2ACSR	7.52Y	125.3	0.01	0.69	3.44	1	25	5	98	0.00	0.0	6.157	0.085	0	0	0	8
		B		7.49Y	124.9	0.01	1.12	3.82	2	28	5	99					0	0	0	4
		C		7.50Y	125.0	-0.00	0.97	0.00	0	0	0	100					0	0	0	0
PL.19761	PL.19616	A	2ACSR	7.52Y	125.3	0.01	0.70	3.41	1	25	5	98	0.00	0.0	6.263	0.106	0	0	0	7
		B		7.49Y	124.9	0.01	1.13	3.82	2	28	5	99					0	0	0	4
		C		7.50Y	125.0	-0.00	0.97	0.00	0	0	0	100					0	0	0	0
PL.12009	PL.19761	A	2ACSR	7.52Y	125.3	0.03	0.73	3.41	1	25	5	98	0.01	0.0	6.480	0.217	0	0	0	7
		B		7.49Y	124.8	0.02	1.15	3.82	2	28	5	99					0	0	0	4
		C		7.50Y	125.0	-0.00	0.96	0.00	0	0	0	100					0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.20198	PL.12009	A	2ACSR	7.52Y	125.3	0.01	0.74	3.41	1	25	5	98	0.00	0.0	6.577	0.097	0	0	0	7
		B		7.49Y	124.8	0.01	1.16	3.07	1	23	4	99	0	0			0	0	0	3
		C		7.50Y	125.0	-0.00	0.96	0.00	0	0	0	100	0	0			0	0	0	0
PD.165-A	PL.20198	A	Closed	7.52Y	125.3	0.00	0.74	3.41	0	25	5	98	0.00	0.0	6.577	0.000	0	0	0	7
		B		7.49Y	124.8	0.00	1.16	3.07	0	23	4	99	0	0			0	0	0	3
		C		7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0	0			0	0	0	0
PD.165-B	PD.165-A	A	Closed	7.52Y	125.3	0.00	0.74	3.41	0	25	5	98	0.00	0.0	6.577	0.000	0	0	0	7
		B		7.49Y	124.8	0.00	1.16	3.07	0	23	4	99	0	0			0	0	0	3
		C		7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0	0			0	0	0	0
PL.20199	PD.165-B	A	2ACSR	7.52Y	125.3	0.01	0.75	3.41	1	25	5	98	0.00	0.0	6.641	0.063	0	0	0	7
		B		7.49Y	124.8	0.00	1.16	3.07	1	23	4	99	0	0			0	0	0	3
		C		7.50Y	125.0	-0.00	0.96	0.00	0	0	0	100	0	0			0	0	0	0
PL.41549	PL.20199	A	4ACSR	7.52Y	125.3	-0.00	0.75	0.01	0	0	0	100	0.00	0.0	6.647	0.006	0	0	0	2
PD.7479	PL.41549	A	fuse6AMP	7.52Y	125.3	0.00	0.75	0.01	0	0	0	100	0.00	0.0	6.647	0.000	0	0	0	2
PL.41550	PD.7479	A	4ACSR	7.52Y	125.3	0.00	0.75	0.01	0	0	0	100	0.00	0.0	6.748	0.101	0	0	0	2
023802	PL.41550	A	Consumer	7.52Y	125.3	0.00	0.75	0.00	0	0	0	100	0.00	0.0	6.748	0.000	0	0	1	1
023814	PL.41550	A	Consumer	7.52Y	125.3	0.00	0.75	0.01	0	0	0	100	0.00	0.0	6.748	0.000	0	0	1	1
PL.12010	PL.20199	A	2ACSR	7.51Y	125.2	0.01	0.76	3.40	1	25	4	99	0.00	0.0	6.716	0.075	0	0	0	5
		B		7.49Y	124.8	0.00	1.17	3.07	1	23	4	99	0	0			0	0	0	3
		C		7.50Y	125.0	-0.00	0.96	0.00	0	0	0	100	0	0			0	0	0	0
PL.28004	PL.12010	A	2ACSR	7.51Y	125.2	0.01	0.77	3.40	1	25	4	99	0.00	0.0	6.803	0.087	0	0	0	5
		B		7.49Y	124.8	0.01	1.17	3.07	1	23	4	99	0	0			0	0	0	3
		C		7.50Y	125.0	-0.00	0.96	0.00	0	0	0	100	0	0			0	0	0	0
023715	PL.28004	B	Consumer	7.49Y	124.8	0.00	1.17	0.01	0	0	0	100	0.00	0.0	6.803	0.000	0	0	1	1
0237090	PL.28004	B	Consumer	7.49Y	124.8	0.00	1.17	1.44	0	11	2	98	0.00	0.0	6.803	0.000	11	2	1	1
PL.28005	PL.28004	A	2ACSR	7.51Y	125.2	0.00	0.77	3.40	1	25	4	99	0.00	0.0	6.830	0.027	0	0	0	5
		B		7.49Y	124.8	0.00	1.17	1.62	1	12	2	99	0	0			0	0	0	1
		C		7.50Y	125.0	-0.00	0.96	0.00	0	0	0	100	0	0			0	0	0	0
023712	PL.28005	A	Consumer	7.51Y	125.2	0.00	0.77	0.82	0	6	1	99	0.00	0.0	6.830	0.000	6	1	1	1
PL.27946	PL.28005	A	2ACSR	7.51Y	125.2	0.01	0.78	2.57	1	19	3	99	0.00	0.0	6.968	0.138	0	0	0	4
		B		7.49Y	124.8	0.00	1.17	1.62	1	12	2	99	0	0			0	0	0	1
		C		7.50Y	125.0	-0.00	0.96	0.00	0	0	0	100	0	0			0	0	0	0
PL.42177	PL.27946	B	2ACSR	7.49Y	124.8	0.00	1.17	1.62	1	12	2	99	0.00	0.0	6.988	0.020	0	0	0	1
PL.42178	PL.42177	B	2ACSR	7.49Y	124.8	0.00	1.18	1.62	1	12	2	99	0.00	0.0	7.025	0.037	0	0	0	1
0237091	PL.42178	B	Consumer	7.49Y	124.8	0.00	1.18	1.62	0	12	2	99	0.00	0.0	7.025	0.000	12	2	1	1
PL.42176	PL.42177	B	2ACSR	7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	7.056	0.068	0	0	0	0
0237092	PL.42176	B	Consumer	7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0.00	0.0	7.056	0.000	0	0	0	0
PL.27947	PL.27946	A	2ACSR	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	7.039	0.071	0	0	0	0
		B		7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0	0			0	0	0	0
		C		7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0	0			0	0	0	0
PD.7395-A	PL.27947	A	Open	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	7.039	0.000	0	0	0	0
		B		7.49Y	124.8	0.00	1.17	0.00	0	0	0	100	0	0			0	0	0	0
		C		7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0	0			0	0	0	0
023711	PL.27946	A	Consumer	7.51Y	125.2	0.00	0.78	0.74	0	6	1	99	0.00	0.0	6.968	0.000	6	1	1	1
023764	PL.27946	A	Consumer	7.51Y	125.2	0.00	0.78	0.18	0	1	1	71	0.00	0.0	6.968	0.000	1	1	1	1
023731	PL.27946	A	Consumer	7.51Y	125.2	0.00	0.78	0.03	0	0	0	100	0.00	0.0	6.968	0.000	0	0	1	1
023710	PL.27946	A	Consumer	7.51Y	125.2	0.00	0.78	1.63	0	12	2	99	0.00	0.0	6.968	0.000	12	2	1	1
023803	PL.12009	B	Consumer	7.49Y	124.8	0.00	1.15	0.75	0	6	1	99	0.00	0.0	6.480	0.000	6	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
023807	PL.19616	A	Consumer	7.52Y	125.3	0.00	0.69	0.03	0	0	0	100	0.00	0.0	6.157	0.000	0	0	1	1
023817	PL.19615	C	Consumer	7.50Y	125.0	0.00	0.97	0.14	0	1	0	100	0.00	0.0	6.072	0.000	1	0	1	1
023809	PL.19615	C	Consumer	7.50Y	125.0	0.00	0.97	0.77	0	6	1	99	0.00	0.0	6.072	0.000	6	1	1	1
023812	PL.12006	A	Consumer	7.52Y	125.4	0.00	0.65	1.80	0	13	2	99	0.00	0.0	5.753	0.000	13	2	1	1
PL.1785	PL.12004	A	4ACSR	7.53Y	125.4	0.00	0.57	1.42	1	11	2	98	0.00	0.0	5.355	0.058	0	0	0	1
023945	PL.1785	A	Consumer	7.53Y	125.4	0.00	0.57	1.42	0	11	2	98	0.00	0.0	5.355	0.000	11	2	1	1
023941	PL.12004	B	Consumer	7.50Y	125.0	0.00	1.05	0.56	0	4	1	97	0.00	0.0	5.298	0.000	4	1	1	1
023902	PL.12004	A	Consumer	7.53Y	125.4	0.00	0.56	0.54	0	4	1	97	0.00	0.0	5.298	0.000	4	1	1	1
PL.41547	PL.6185	B	4ACSR	7.50Y	125.0	0.00	1.05	0.99	1	7	1	99	0.00	0.0	5.199	0.007	0	0	0	1
PD.166	PL.41547	B	fuse6AMP	7.50Y	125.0	0.00	1.05	0.99	17	7	1	99	0.00	0.0	5.199	0.000	0	0	0	1
PL.41548	PD.166	B	4ACSR	7.50Y	124.9	0.00	1.05	0.99	1	7	1	99	0.00	0.0	5.303	0.104	0	0	0	1
PL.6182	PL.41548	B	4ACSR	7.50Y	124.9	0.00	1.06	0.99	1	7	1	99	0.00	0.0	5.384	0.081	0	0	0	1
PL.1778	PL.6182	B	4ACSR	7.50Y	124.9	0.00	1.06	0.99	1	7	1	99	0.00	0.0	5.414	0.030	0	0	0	1
PL.1780	PL.1778	B	4ACSR	7.50Y	124.9	0.00	1.06	0.99	1	7	1	99	0.00	0.0	5.454	0.040	0	0	0	1
023939	PL.1780	B	Consumer	7.50Y	124.9	0.00	1.06	0.99	0	7	1	99	0.00	0.0	5.454	0.000	7	1	1	1
023933	PL.12002	A	Consumer	7.53Y	125.5	0.00	0.54	0.10	0	1	0	100	0.00	0.0	5.017	0.000	1	0	1	1
PL.27697	PL.12002	A	4ACSR	7.53Y	125.5	0.00	0.54	2.85	1	21	3	99	0.00	0.0	5.042	0.025	0	0	0	2
PD.2574	PL.27697	A	fuse6AMP	7.53Y	125.5	0.00	0.54	2.85	49	21	3	99	0.00	0.0	5.042	0.000	0	0	0	2
PL.27698	PD.2574	A	4ACSR	7.53Y	125.5	0.01	0.55	2.85	1	21	3	99	0.00	0.0	5.101	0.059	0	0	0	2
023918	PL.27698	A	Consumer	7.53Y	125.5	0.00	0.55	0.68	0	5	1	98	0.00	0.0	5.101	0.000	5	1	1	1
023917	PL.27698	A	Consumer	7.53Y	125.5	0.00	0.55	2.17	0	16	3	98	0.00	0.0	5.101	0.000	16	3	1	1
PL.1783	PL.29867	B	4ACSR	7.50Y	124.9	0.01	1.06	2.07	1	15	2	99	0.00	0.0	4.838	0.090	0	0	0	1
023910	PL.1783	B	Consumer	7.50Y	124.9	0.00	1.06	2.07	0	15	2	99	0.00	0.0	4.838	0.000	15	2	1	1
023943	PL.11998	C	Consumer	7.50Y	125.0	0.00	0.96	0.09	0	1	0	100	0.00	0.0	4.552	0.000	1	0	1	1
023938	PL.11997	C	Consumer	7.50Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	4.527	0.000	0	0	1	1
PL.19103	PL.11994	C	4ACSR	7.50Y	125.1	0.00	0.94	3.61	2	27	4	99	0.00	0.0	4.341	0.013	0	0	0	1
PD.2572	PL.19103	C	fuse6AMP	7.50Y	125.1	0.00	0.94	3.61	62	27	4	99	0.00	0.0	4.341	0.000	0	0	0	1
PL.19104	PD.2572	C	4ACSR	7.50Y	125.1	0.01	0.94	3.61	2	27	4	99	0.00	0.0	4.383	0.042	0	0	0	1
023914	PL.19104	C	Consumer	7.50Y	125.1	0.00	0.94	3.61	0	27	4	99	0.00	0.0	4.383	0.000	27	4	1	1
PL.1755	PL.30359	A	4ACSR	7.54Y	125.7	0.00	0.31	0.24	0	2	0	100	0.00	0.0	4.179	0.054	0	0	0	1
033242	PL.1755	A	Consumer	7.54Y	125.7	0.00	0.31	0.24	0	2	0	100	0.00	0.0	4.179	0.000	2	0	1	1
PL.1756	PL.30359	C	4ACSR	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	4.191	0.066	0	0	0	0
PL.1752	PL.11990	B	4ACSR	7.51Y	125.1	0.00	0.89	1.07	1	8	1	99	0.00	0.0	3.873	0.067	0	0	0	3
PL.45566	PL.1752	B	4ACSR	7.51Y	125.1	0.00	0.89	1.07	1	8	1	99	0.00	0.0	3.980	0.106	0	0	0	3
PL.45567	PL.45566	B	4ACSR	7.51Y	125.1	0.01	0.90	1.07	1	8	1	99	0.00	0.0	4.108	0.128	0	0	0	3
0332116	PL.45567	B	Consumer	7.51Y	125.1	0.00	0.90	0.01	0	0	0	100	0.00	0.0	4.108	0.000	0	0	1	1
PL.20258	PL.45567	B	4ACSR	7.51Y	125.1	0.00	0.90	1.06	1	8	1	99	0.00	0.0	4.160	0.052	0	0	0	2
033298	PL.20258	B	Consumer	7.51Y	125.1	0.00	0.90	1.06	0	8	1	99	0.00	0.0	4.160	0.000	8	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
PL.20259	PL.20258	B	4ACSR	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	4.209	0.049	0	0	0	1
PL.12011	PL.20259	B	4ACSR	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	4.341	0.132	0	0	0	1
PL.12012	PL.12011	B	4ACSR	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	4.378	0.037	0	0	0	0
034210	PL.12012	B	Consumer	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	4.378	0.000	0	0	0	0
PL.6293	PL.12012	B	4ACSR	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	4.379	0.001	0	0	0	0
PL.1749	PL.12011	B	4ACSR	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	4.414	0.073	0	0	0	1
PL.1775	PL.1749	B	4ACSR	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	4.484	0.070	0	0	0	1
024902	PL.1775	B	Consumer	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	4.484	0.000	0	0	1	1
PL.1748	PL.1749	B	4ACSR	7.51Y	125.1	0.00	0.90	0.00	0	0	0	100	0.00	0.0	4.414	0.000	0	0	0	0
0332124	PL.45566	B	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	3.980	0.000	0	0	0	0
033258	PL.11990	C	Consumer	7.51Y	125.1	0.00	0.88	1.24	0	8	4	89	0.00	0.0	3.807	0.000	8	4	1	1
033222	PL.11990	C	Consumer	7.51Y	125.1	0.00	0.88	0.04	0	0	0	100	0.00	0.0	3.807	0.000	0	0	1	1
0332105	PL.11990	A	Consumer	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	3.807	0.000	0	0	0	0
033294	PL.11990	C	Consumer	7.51Y	125.1	0.00	0.88	0.07	0	1	0	100	0.00	0.0	3.807	0.000	1	0	1	1
0332107	PL.11990	B	Consumer	7.51Y	125.1	0.00	0.89	1.36	0	10	2	98	0.00	0.0	3.807	0.000	10	2	1	1
PL.23843	PL.11990	C	4ACSR	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	3.886	0.079	0	0	0	1
033204	PL.23843	C	Consumer	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	3.886	0.000	0	0	1	1
033205	PL.11989	A	Consumer	7.55Y	125.8	0.00	0.22	2.14	0	16	3	98	0.00	0.0	3.700	0.000	16	3	1	1
PL.41543	PL.11988	B	4ACSR	7.51Y	125.2	0.00	0.83	0.84	0	6	1	99	0.00	0.0	3.674	0.006	0	0	0	1
PD.7477	PL.41543	B	fuse6AMP	7.51Y	125.2	0.00	0.83	0.84	14	6	1	99	0.00	0.0	3.674	0.000	0	0	0	1
PL.41544	PD.7477	B	4ACSR	7.51Y	125.2	0.00	0.83	0.84	0	6	1	99	0.00	0.0	3.733	0.058	0	0	0	1
033281	PL.41544	B	Consumer	7.51Y	125.2	0.00	0.83	0.84	0	6	1	99	0.00	0.0	3.733	0.000	6	1	1	1
PL.18033	PL.11982	C	4ACSR	7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	3.492	0.006	0	0	0	0
PD.1210	PL.18033	C	fuse6AMP	7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	3.492	0.000	0	0	0	0
PL.18034	PD.1210	C	4ACSR	7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	3.507	0.014	0	0	0	0
PL.6300	PL.18034	C	4ACSR	7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	3.556	0.049	0	0	0	0
033207	PL.6300	C	Consumer	7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	3.556	0.000	0	0	0	0
0332103	PL.6311	C	Consumer	7.51Y	125.2	0.00	0.79	1.53	0	10	5	89	0.00	0.0	3.416	0.000	10	5	1	1
PL.17202	PL.24639	C	4ACSR	7.52Y	125.3	0.00	0.71	0.73	0	5	2	93	0.00	0.0	3.337	0.026	0	0	0	1
PD.1209	PL.17202	C	fuse6AMP	7.52Y	125.3	0.00	0.71	0.73	13	5	2	93	0.00	0.0	3.337	0.000	0	0	0	1
PL.17778	PD.1209	C	4ACSR	7.52Y	125.3	0.00	0.71	0.73	0	5	2	93	0.00	0.0	3.368	0.031	0	0	0	1
033268	PL.17778	C	Consumer	7.52Y	125.3	0.00	0.71	0.73	0	5	2	93	0.00	0.0	3.368	0.000	5	2	1	1
033246	PL.19508	C	Consumer	7.53Y	125.5	0.00	0.49	0.35	0	3	0	100	0.00	0.0	3.095	0.000	3	0	1	1
033214	PL.19508	C	Consumer	7.53Y	125.5	0.00	0.49	0.34	0	3	0	100	0.00	0.0	3.095	0.000	3	0	1	1
033212	PL.11977	B	Consumer	7.53Y	125.5	0.00	0.45	0.25	0	2	0	100	0.00	0.0	3.032	0.000	2	0	1	1
033211	PL.11977	C	Consumer	7.53Y	125.6	0.00	0.43	0.48	0	4	1	97	0.00	0.0	3.032	0.000	4	1	1	1
0332123	PL.11977	B	Consumer	7.53Y	125.5	0.00	0.45	0.00	0	0	0	100	0.00	0.0	3.032	0.000	0	0	0	0
033225	PL.11977	B	Consumer	7.53Y	125.5	0.00	0.45	0.25	0	2	0	100	0.00	0.0	3.032	0.000	2	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
033244	PL.11977	B	Consumer	7.53Y	125.5	0.00	0.45	0.00	0	0	0	100	0.00	0.0	3.032	0.000	0	0	1	1
033223	PL.21490	C	Consumer	7.54Y	125.6	0.00	0.36	0.92	0	7	1	99	0.00	0.0	2.962	0.000	7	1	1	1
033216	PL.21490	C	Consumer	7.54Y	125.6	0.00	0.36	0.25	0	2	0	100	0.00	0.0	2.962	0.000	2	0	1	1
033217	PL.21490	C	Consumer	7.54Y	125.6	0.00	0.36	0.19	0	1	0	100	0.00	0.0	2.962	0.000	1	0	1	1
033287	PL.21490	C	Consumer	7.54Y	125.6	0.00	0.36	0.04	0	0	0	100	0.00	0.0	2.962	0.000	0	0	1	1
0332101	PL.21490	C	Consumer	7.54Y	125.6	0.00	0.36	0.34	0	3	0	100	0.00	0.0	2.962	0.000	3	0	1	1
033267	PL.21490	C	Consumer	7.54Y	125.6	0.00	0.36	0.00	0	0	0	100	0.00	0.0	2.962	0.000	0	0	1	1
033284	PL.6310	B	Consumer	7.54Y	125.7	0.00	0.28	0.22	0	2	1	89	0.00	0.0	2.878	0.000	2	1	1	1
P CP.2	PL.28038	A	Cap (150)	7.56Y	126.0	0.00	-0.02	-7.29	0	0	-55	0	0.00	0.0	2.775	0.000	0	0	0	0 P
P		B		7.55Y	125.8	0.00	0.21	-7.28	0	0	-55	0					0	0	0	0 P
P		C		7.55Y	125.8	0.00	0.16	-7.28	0	0	-55	0					0	0	0	0 P
034326	PL.6295	B	Consumer	7.55Y	125.9	0.00	0.15	0.34	0	2	1	89	0.00	0.0	2.691	0.000	2	1	1	1
034328	PL.6295	B	Consumer	7.55Y	125.9	0.00	0.15	0.00	0	0	0	100	0.00	0.0	2.691	0.000	0	0	0	0
034342	PL.6295	B	Consumer	7.55Y	125.9	0.00	0.15	0.77	0	5	3	86	0.00	0.0	2.691	0.000	5	3	1	1
0343109	PL.6295	C	Consumer	7.55Y	125.9	0.00	0.11	3.50	0	24	12	89	0.00	0.0	2.691	0.000	24	12	1	1
0343100	PL.6295	B	Consumer	7.55Y	125.9	0.00	0.15	0.00	0	0	0	100	0.00	0.0	2.691	0.000	0	0	0	0
0343108	PL.6295	B	Consumer	7.55Y	125.9	0.00	0.15	0.39	0	3	0	100	0.00	0.0	2.691	0.000	3	0	1	1
034327	PL.6295	B	Consumer	7.55Y	125.9	0.00	0.15	0.00	0	0	0	100	0.00	0.0	2.691	0.000	0	0	0	0
034355	PL.6295	B	Consumer	7.55Y	125.9	0.00	0.15	0.00	0	0	0	100	0.00	0.0	2.691	0.000	0	0	1	1
034321	PL.6295	C	Consumer	7.55Y	125.9	0.00	0.11	2.18	0	15	7	91	0.00	0.0	2.691	0.000	15	7	1	1
034358	PL.6295	B	Consumer	7.55Y	125.9	0.00	0.15	0.00	0	0	0	100	0.00	0.0	2.691	0.000	0	0	0	0
PL.1744	PL.6296	B	4ACSR	7.55Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	2.843	0.177	0	0	0	0
PL.1746	PL.1744	B	4ACSR	7.55Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	2.989	0.146	0	0	0	0
PL.1747	PL.1746	B	4ACSR	7.55Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	3.093	0.104	0	0	0	0
034322	PL.6296	B	Consumer	7.55Y	125.9	0.00	0.13	0.87	0	6	1	99	0.00	0.0	2.666	0.000	6	1	1	1
034302	PL.6296	B	Consumer	7.55Y	125.9	0.00	0.13	0.39	0	3	0	100	0.00	0.0	2.666	0.000	3	0	1	1
034332	PL.6296	B	Consumer	7.55Y	125.9	0.00	0.13	0.22	0	2	0	100	0.00	0.0	2.666	0.000	2	0	1	1
034361	PL.6296	B	Consumer	7.55Y	125.9	0.00	0.13	2.18	0	16	3	98	0.00	0.0	2.666	0.000	16	3	1	1
PL.28164	PL.6296	B	4ACSR	7.55Y	125.8	0.04	0.17	10.16	5	74	18	97	0.02	0.0	2.759	0.093	0	0	0	20
PL.28165	PL.28164	B	4ACSR	7.55Y	125.8	0.01	0.18	3.01	2	22	4	98	0.00	0.0	2.815	0.056	0	0	0	9
033324	PL.28165	B	Consumer	7.55Y	125.8	0.00	0.18	0.48	0	4	1	97	0.00	0.0	2.815	0.000	4	1	1	1
033329	PL.28165	B	Consumer	7.55Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	2.815	0.000	0	0	1	1
033322	PL.28165	B	Consumer	7.55Y	125.8	0.00	0.18	0.44	0	3	1	95	0.00	0.0	2.815	0.000	3	1	1	1
033325	PL.28165	B	Consumer	7.55Y	125.8	0.00	0.18	0.11	0	1	0	100	0.00	0.0	2.815	0.000	1	0	1	1
033321	PL.28165	B	Consumer	7.55Y	125.8	0.00	0.18	0.46	0	3	1	95	0.00	0.0	2.815	0.000	3	1	1	1
033320	PL.28165	B	Consumer	7.55Y	125.8	0.00	0.18	0.25	0	2	0	100	0.00	0.0	2.815	0.000	2	0	1	1
033323	PL.28165	B	Consumer	7.55Y	125.8	0.00	0.18	0.42	0	3	1	95	0.00	0.0	2.815	0.000	3	1	1	1
033319	PL.28165	B	Consumer	7.55Y	125.8	0.00	0.18	0.43	0	3	1	95	0.00	0.0	2.815	0.000	3	1	1	1
033326	PL.28165	B	Consumer	7.55Y	125.8	0.00	0.18	0.42	0	3	1	95	0.00	0.0	2.815	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
033315	PL.28164	B	Consumer	7.55Y	125.8	0.00	0.17	0.50	0	4	1	97	0.00	0.0	2.759	0.000	4	1	1	1
033328	PL.28164	B	Consumer	7.55Y	125.8	0.00	0.17	0.05	0	0	0	100	0.00	0.0	2.759	0.000	0	0	1	1
033316	PL.28164	B	Consumer	7.55Y	125.8	0.00	0.17	0.54	0	4	1	97	0.00	0.0	2.759	0.000	4	1	1	1
033314	PL.28164	B	Consumer	7.55Y	125.8	0.00	0.17	2.91	0	20	10	89	0.00	0.0	2.759	0.000	20	10	1	1
033317	PL.28164	B	Consumer	7.55Y	125.8	0.00	0.17	0.52	0	4	1	97	0.00	0.0	2.759	0.000	4	1	1	1
033318	PL.28164	B	Consumer	7.55Y	125.8	0.00	0.17	0.63	0	5	1	98	0.00	0.0	2.759	0.000	5	1	1	1
033327	PL.28164	B	Consumer	7.55Y	125.8	0.00	0.17	0.00	0	0	0	100	0.00	0.0	2.759	0.000	0	0	1	1
033313	PL.28164	B	Consumer	7.55Y	125.8	0.00	0.17	0.61	0	5	1	98	0.00	0.0	2.759	0.000	5	1	1	1
033312	PL.28164	B	Consumer	7.55Y	125.8	0.00	0.17	0.54	0	4	1	97	0.00	0.0	2.759	0.000	4	1	1	1
033311	PL.28164	B	Consumer	7.55Y	125.8	0.00	0.17	0.46	0	3	1	95	0.00	0.0	2.759	0.000	3	1	1	1
033310	PL.28164	B	Consumer	7.55Y	125.8	0.00	0.17	0.48	0	4	1	97	0.00	0.0	2.759	0.000	4	1	1	1
034345	PL.17420	B	Consumer	7.37Y	122.8	0.00	3.17	0.63	0	5	1	98	0.00	0.0	2.411	0.000	5	1	1	1
034304	PL.17420	B	Consumer	7.37Y	122.8	0.00	3.17	1.11	0	8	1	99	0.00	0.0	2.411	0.000	8	1	1	1
034330	PL.17420	B	Consumer	7.37Y	122.8	0.00	3.17	0.41	0	3	0	100	0.00	0.0	2.411	0.000	3	0	1	1
034324	PL.17420	B	Consumer	7.37Y	122.8	0.00	3.17	0.68	0	5	1	98	0.00	0.0	2.411	0.000	5	1	1	1
PL.42952	PL.26032	A	4ACSR	7.48Y	124.6	0.00	1.39	1.62	1	12	2	99	0.00	0.0	2.313	0.004	0	0	0	3
PD.8196	PL.42952	A	fuse6AMP	7.48Y	124.6	0.00	1.39	1.62	28	12	2	99	0.00	0.0	2.313	0.000	0	0	0	3
PL.45895	PD.8196	A	4ACSR	7.48Y	124.6	0.00	1.39	1.62	1	12	2	99	0.00	0.0	2.327	0.014	0	0	0	3
PL.45896	PL.45895	A	4ACSR	7.48Y	124.6	0.00	1.39	1.62	1	12	2	99	0.00	0.0	2.338	0.011	0	0	0	3
034399	PL.45896	A	Consumer	7.48Y	124.6	0.00	1.39	0.07	0	0	0	100	0.00	0.0	2.338	0.000	0	0	1	1
034336	PL.45896	A	Consumer	7.48Y	124.6	0.00	1.39	1.07	0	8	1	99	0.00	0.0	2.338	0.000	8	1	1	1
0343102	PL.45896	A	Consumer	7.48Y	124.6	0.00	1.39	0.49	0	4	1	97	0.00	0.0	2.338	0.000	4	1	1	1
0343112	PL.45895	A	Consumer	7.48Y	124.6	0.00	1.39	0.00	0	0	0	100	0.00	0.0	2.327	0.000	0	0	0	0
PL.42948	PL.21584	A	2ACSR	7.48Y	124.6	0.00	1.39	3.13	1	23	4	99	0.00	0.0	2.233	0.004	0	0	0	8
PD.8194	PL.42948	A	fuse6AMP	7.48Y	124.6	0.00	1.39	3.13	54	23	4	99	0.00	0.0	2.233	0.000	0	0	0	8
PL.42949	PD.8194	A	2ACSR	7.48Y	124.6	0.00	1.39	3.13	1	23	4	99	0.00	0.0	2.237	0.005	0	0	0	8
PL.30989	PL.42949	A	4ACSR	7.48Y	124.6	0.00	1.39	3.13	2	23	4	99	0.00	0.0	2.253	0.015	0	0	0	8
034387	PL.30989	A	Consumer	7.48Y	124.6	0.00	1.39	0.28	0	2	0	100	0.00	0.0	2.253	0.000	2	0	1	1
034383	PL.30989	A	Consumer	7.48Y	124.6	0.00	1.39	0.63	0	5	1	98	0.00	0.0	2.253	0.000	5	1	1	1
034386	PL.30989	A	Consumer	7.48Y	124.6	0.00	1.39	0.45	0	3	1	95	0.00	0.0	2.253	0.000	3	1	1	1
034385	PL.30989	A	Consumer	7.48Y	124.6	0.00	1.39	0.52	0	4	1	97	0.00	0.0	2.253	0.000	4	1	1	1
034382	PL.30989	A	Consumer	7.48Y	124.6	0.00	1.39	0.06	0	0	0	100	0.00	0.0	2.253	0.000	0	0	1	1
034381	PL.30989	A	Consumer	7.48Y	124.6	0.00	1.39	0.51	0	4	1	97	0.00	0.0	2.253	0.000	4	1	1	1
034384	PL.30989	A	Consumer	7.48Y	124.6	0.00	1.39	0.40	0	3	0	100	0.00	0.0	2.253	0.000	3	0	1	1
034388	PL.30989	A	Consumer	7.48Y	124.6	0.00	1.39	0.29	0	2	0	100	0.00	0.0	2.253	0.000	2	0	1	1
PL.17421	PL.26028	A	4ACSR	7.48Y	124.6	0.00	1.39	13.47	7	99	16	99	0.00	0.0	2.203	0.006	0	0	0	23
PD.3415	PL.17421	A	50L	7.48Y	124.6	0.00	1.39	13.47	27	99	16	99	0.00	0.0	2.203	0.000	0	0	0	23
PL.17422	PD.3415	A	4ACSR	7.48Y	124.6	0.02	1.41	13.47	7	99	16	99	0.01	0.0	2.234	0.031	0	0	0	23

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
0343110	PL.17422	A	Consumer	7.48Y	124.6	0.00	1.41	0.63	0	5	1	98	0.00	0.0	2.234	0.000	5	1	1	1
034329	PL.17422	A	Consumer	7.48Y	124.6	0.00	1.41	0.44	0	3	1	95	0.00	0.0	2.234	0.000	3	1	1	1
PL.20172	PL.17422	A	4ACSR	7.47Y	124.5	0.10	1.51	12.40	6	91	15	99	0.07	0.1	2.425	0.191	0	0	0	21
PL.20171	PL.20172	A	4ACSR	7.47Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	2.441	0.016	0	0	0	0
548101	PL.20171	A	Consumer	7.47Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	2.441	0.000	0	0	0	0
PL.20173	PL.20172	A	4ACSR	7.46Y	124.3	0.16	1.68	12.40	6	91	15	99	0.11	0.1	2.729	0.304	0	0	0	21
PL.26029	PL.20173	A	4ACSR	7.46Y	124.3	0.02	1.69	10.83	6	80	13	99	0.01	0.0	2.768	0.039	0	0	0	19
034364	PL.26029	A	Consumer	7.46Y	124.3	0.00	1.69	0.47	0	3	1	95	0.00	0.0	2.768	0.000	3	1	1	1
034352	PL.26029	A	Consumer	7.46Y	124.3	0.00	1.69	0.42	0	3	1	95	0.00	0.0	2.768	0.000	3	1	1	1
034360	PL.26029	A	Consumer	7.46Y	124.3	0.00	1.69	0.08	0	1	0	100	0.00	0.0	2.768	0.000	1	0	1	1
PL.42217	PL.26029	A	4ACSR	7.46Y	124.3	0.00	1.70	7.61	4	56	9	99	0.00	0.0	2.776	0.009	0	0	0	12
PD.7650-A	PL.42217	A	Closed	7.46Y	124.3	0.00	1.70	7.61	0	56	9	99	0.00	0.0	2.776	0.000	0	0	0	12
PD.7650-B	PD.7650-A	A	Closed	7.46Y	124.3	0.00	1.70	7.61	0	56	9	99	0.00	0.0	2.776	0.000	0	0	0	12
PL.42218	PD.7650-B	A	4ACSR	7.46Y	124.3	0.02	1.71	7.61	4	56	9	99	0.01	0.0	2.824	0.048	0	0	0	12
PL.6291	PL.42218	A	4ACSR	7.46Y	124.3	0.03	1.74	5.57	3	41	7	99	0.01	0.0	2.952	0.128	0	0	0	10
034333	PL.6291	A	Consumer	7.46Y	124.3	0.00	1.74	0.21	0	2	0	100	0.00	0.0	2.952	0.000	2	0	1	1
034315	PL.6291	A	Consumer	7.46Y	124.3	0.00	1.74	0.45	0	3	1	95	0.00	0.0	2.952	0.000	3	1	1	1
034363	PL.6291	A	Consumer	7.46Y	124.3	0.00	1.74	0.09	0	1	0	100	0.00	0.0	2.952	0.000	1	0	1	1
PL.19691	PL.6291	A	4ACSR	7.46Y	124.3	0.00	1.75	4.82	2	35	6	99	0.00	0.0	2.971	0.019	0	0	0	7
034371	PL.19691	A	Consumer	7.46Y	124.3	0.00	1.75	1.57	0	12	2	99	0.00	0.0	2.971	0.000	12	2	1	1
PL.19692	PL.19691	A	4ACSR	7.46Y	124.3	0.00	1.75	3.25	2	24	4	99	0.00	0.0	2.984	0.014	0	0	0	6
PL.26031	PL.19692	A	4ACSR	7.45Y	124.2	0.00	1.75	2.85	1	21	3	99	0.00	0.0	3.020	0.036	0	0	0	5
PL.28158	PL.26031	A	4ACSR	7.45Y	124.2	0.01	1.76	2.85	1	21	3	99	0.00	0.0	3.075	0.055	0	0	0	5
PL.28159	PL.28158	A	4ACSR	7.45Y	124.2	0.02	1.78	2.85	1	21	3	99	0.00	0.0	3.208	0.133	0	0	0	5
PL.27859	PL.28159	A	4ACSR	7.45Y	124.2	0.00	1.78	1.41	1	10	2	98	0.00	0.0	3.252	0.045	0	0	0	3
PL.28160	PL.27859	A	4ACSR	7.45Y	124.2	0.00	1.78	1.41	1	10	2	98	0.00	0.0	3.313	0.061	0	0	0	3
035368	PL.28160	A	Consumer	7.45Y	124.2	0.00	1.78	0.83	0	6	1	99	0.00	0.0	3.313	0.000	6	1	1	1
PL.28161	PL.28160	A	4ACSR	7.45Y	124.2	0.00	1.78	0.58	0	4	1	97	0.00	0.0	3.371	0.058	0	0	0	2
035369	PL.28161	A	Consumer	7.45Y	124.2	0.00	1.78	0.47	0	3	1	95	0.00	0.0	3.371	0.000	3	1	1	1
035341	PL.28161	A	Consumer	7.45Y	124.2	0.00	1.78	0.11	0	1	0	100	0.00	0.0	3.371	0.000	1	0	1	1
035370	PL.28159	A	Consumer	7.45Y	124.2	0.00	1.78	1.04	0	8	1	99	0.00	0.0	3.208	0.000	8	1	1	1
035325	PL.28159	A	Consumer	7.45Y	124.2	0.00	1.78	0.39	0	3	0	100	0.00	0.0	3.208	0.000	3	0	1	1
035351	PL.28159	A	Consumer	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	3.208	0.000	0	0	0	0
034366	PL.19692	A	Consumer	7.46Y	124.3	0.00	1.75	0.40	0	3	0	100	0.00	0.0	2.984	0.000	3	0	1	1
034350	PL.42218	A	Consumer	7.46Y	124.3	0.00	1.71	0.73	0	5	1	98	0.00	0.0	2.824	0.000	5	1	1	1
034349	PL.42218	A	Consumer	7.46Y	124.3	0.00	1.71	1.31	0	10	2	98	0.00	0.0	2.824	0.000	10	2	1	1
PL.42215	PL.26029	A	4ACSR	7.46Y	124.3	0.00	1.70	2.25	1	17	3	98	0.00	0.0	2.781	0.013	0	0	0	4
PD.7649	PL.42215	A	fuse6AMP	7.46Y	124.3	0.00	1.70	2.25	38	17	3	98	0.00	0.0	2.781	0.000	0	0	0	4

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.42216	PD.7649	A	4ACSR	7.46Y	124.3	0.00	1.70	2.25	1	17	3	98	0.00	0.0	2.816	0.035	0	0	0	4
PL.21586	PL.42216	A	4ACSR	7.46Y	124.3	0.01	1.71	1.89	1	14	2	99	0.00	0.0	2.988	0.172	0	0	0	3
0343103	PL.21586	A	Consumer	7.46Y	124.3	0.00	1.71	0.99	0	7	1	99	0.00	0.0	2.988	0.000	7	1	1	1
PL.21587	PL.21586	A	4ACSR	7.46Y	124.3	0.00	1.71	0.90	0	7	1	99	0.00	0.0	3.028	0.040	0	0	0	2
034367	PL.21587	A	Consumer	7.46Y	124.3	0.00	1.71	0.61	0	4	1	97	0.00	0.0	3.028	0.000	4	1	1	1
034319	PL.21587	A	Consumer	7.46Y	124.3	0.00	1.71	0.29	0	2	0	100	0.00	0.0	3.028	0.000	2	0	1	1
PL.23266	PL.21587	A	4ACSR	7.46Y	124.3	0.00	1.71	0.00	0	0	0	100	0.00	0.0	3.380	0.352	0	0	0	0
PL.21117	PL.23266	A	4ACSR	7.46Y	124.3	0.00	1.71	0.00	0	0	0	100	0.00	0.0	3.566	0.185	0	0	0	0
PL.21217	PL.42216	A	4ACSR	7.46Y	124.3	0.00	1.70	0.36	0	3	0	100	0.00	0.0	2.863	0.047	0	0	0	1
0343101	PL.21217	A	Consumer	7.46Y	124.3	0.00	1.70	0.36	0	3	0	100	0.00	0.0	2.863	0.000	3	0	1	1
034347	PL.20173	A	Consumer	7.46Y	124.3	0.00	1.68	0.28	0	2	0	100	0.00	0.0	2.729	0.000	2	0	1	1
034348	PL.20173	A	Consumer	7.46Y	124.3	0.00	1.68	1.29	0	9	2	98	0.00	0.0	2.729	0.000	9	2	1	1
034346	PL.20173	A	Consumer	7.46Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	2.729	0.000	0	0	0	0
PL.42946	PL.25749	A	2ACSR	7.48Y	124.6	-0.00	1.38	0.02	0	0	0	100	0.00	0.0	2.166	0.005	0	0	0	0
		B		7.38Y	123.1	0.00	2.92	0.02	0	0	0	90			0	0	0	0	0	0
		C		7.37Y	122.9	0.00	3.14	0.02	0	0	0	90			0	0	0	0	0	0
PD.8193	PL.42946	A	fuse8AMP	7.48Y	124.6	0.00	1.38	0.02	0	0	0	100	0.00	0.0	2.166	0.000	0	0	0	0
		B		7.38Y	123.1	0.00	2.92	0.02	0	0	0	90			0	0	0	0	0	0
		C		7.37Y	122.9	0.00	3.14	0.02	0	0	0	90			0	0	0	0	0	0
PL.42947	PD.8193	A	2ACSR	7.48Y	124.6	0.00	1.38	0.02	0	0	0	100	0.00	0.0	2.185	0.018	0	0	0	0
		B		7.38Y	123.1	0.00	2.92	0.02	0	0	0	90			0	0	0	0	0	0
		C		7.37Y	122.9	0.00	3.14	0.02	0	0	0	90			0	0	0	0	0	0
034359	PL.42947	A	Consumer	7.48Y	124.6	0.00	1.38	0.02	0	0	0	100	0.00	0.0	2.185	0.000	0	0	0	0
		B		7.38Y	123.1	0.00	2.92	0.02	0	0	0	90			0	0	0	0	0	0
		C		7.37Y	122.9	0.00	3.14	0.02	0	0	0	90			0	0	0	0	0	0
546103	PL.25747	B	Consumer	7.39Y	123.2	0.00	2.82	1.79	0	13	2	99	0.00	0.0	2.038	0.000	13	2	1	1
546107	PL.25747	B	Consumer	7.39Y	123.2	0.00	2.82	1.74	0	13	2	99	0.00	0.0	2.038	0.000	13	2	1	1
546106	PL.25747	C	Consumer	7.38Y	122.9	0.00	3.06	0.68	0	5	1	98	0.00	0.0	2.038	0.000	5	1	1	1
546102	PL.25747	B	Consumer	7.39Y	123.2	0.00	2.82	1.21	0	9	1	99	0.00	0.0	2.038	0.000	9	1	1	1
546101	PL.25747	B	Consumer	7.39Y	123.2	0.00	2.82	0.65	0	5	1	98	0.00	0.0	2.038	0.000	5	1	1	1
545206	PL.18617	C	Consumer	7.38Y	123.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	1.948	0.000	0	0	1	1
545301	PL.6971	C	Consumer	7.39Y	123.1	0.00	2.91	0.59	0	4	2	89	0.00	0.0	1.847	0.000	4	2	1	1
545433	PL.25739	C	Consumer	7.39Y	123.2	0.00	2.79	0.10	0	1	0	100	0.00	0.0	1.705	0.000	1	0	1	1
545402	PL.25739	C	Consumer	7.39Y	123.2	0.00	2.79	0.83	0	6	3	89	0.00	0.0	1.705	0.000	6	3	1	1
544406	PL.25739	B	Consumer	7.41Y	123.5	0.00	2.50	1.18	0	9	1	99	0.00	0.0	1.705	0.000	9	1	1	1
545501	PL.20125	B	Consumer	7.42Y	123.6	0.00	2.41	0.20	0	1	0	100	0.00	0.0	1.626	0.000	1	0	1	1
545434	PL.20125	A	Consumer	7.48Y	124.7	0.00	1.26	3.46	0	23	11	90	0.00	0.0	1.626	0.000	23	11	1	1
544409	PL.20125	C	Consumer	7.40Y	123.3	0.00	2.72	0.08	0	1	0	100	0.00	0.0	1.626	0.000	1	0	1	1
PL.3524	PL.11274	A	2ACSR	7.49Y	124.8	0.00	1.24	0.65	0	4	2	89	0.00	0.0	1.619	0.040	0	0	0	0
		B		7.42Y	123.6	0.00	2.37	0.66	0	4	2	90			0	0	0	0	0	0
		C		7.40Y	123.3	0.00	2.67	0.66	0	4	2	90			0	0	0	0	0	0
PL.11278	PL.3524	A	2ACSR	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	1.634	0.015	0	0	0	0
		B		7.42Y	123.6	0.00	2.37	0.00	0	0	0	100			0	0	0	0	0	0
		C		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100			0	0	0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PD.189-A	PL.11278	A	Open	7.49Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	1.634	0.000	0	0	0	0
		B		7.42Y	123.6	0.00	2.37	0.00	0	0	0	100					0	0	0	0
		C		7.40Y	123.3	0.00	2.67	0.00	0	0	0	100					0	0	0	0
545514	PL.3524	A	Consumer	7.49Y	124.8	0.00	1.24	0.65	0	4	2	89	0.00	0.0	1.619	0.000	4	2	0	0
		B		7.42Y	123.6	0.00	2.37	0.66	0	4	2	90					4	2	0	0
		C		7.40Y	123.3	0.00	2.67	0.66	0	4	2	90					4	2	0	0
545511	PL.11274	C	Consumer	7.40Y	123.3	0.00	2.67	0.00	0	0	0	100	0.00	0.0	1.579	0.000	0	0	1	1
545513	PL.11274	C	Consumer	7.40Y	123.3	0.00	2.67	0.01	0	0	0	100	0.00	0.0	1.579	0.000	0	0	1	1
544512	PL.11274	C	Consumer	7.40Y	123.3	0.00	2.67	0.01	0	0	0	100	0.00	0.0	1.579	0.000	0	0	1	1
545505	PL.11274	C	Consumer	7.40Y	123.3	0.00	2.67	0.51	0	4	1	97	0.00	0.0	1.579	0.000	4	1	1	1
544511	PL.18025	C	Consumer	7.40Y	123.4	0.00	2.58	0.28	0	2	0	100	0.00	0.0	1.487	0.000	2	0	1	1
544502	PL.18025	C	Consumer	7.40Y	123.4	0.00	2.58	0.27	0	2	0	100	0.00	0.0	1.487	0.000	2	0	1	1
544518	PL.18025	C	Consumer	7.40Y	123.4	0.00	2.58	0.06	0	0	0	100	0.00	0.0	1.487	0.000	0	0	1	1
544521	PL.18025	A	Consumer	7.49Y	124.8	0.00	1.20	0.00	0	0	0	100	0.00	0.0	1.487	0.000	0	0	0	0
544516	PL.18025	C	Consumer	7.40Y	123.4	0.00	2.58	0.84	0	6	1	99	0.00	0.0	1.487	0.000	2	0	1	2
5445021	544516	C	Consumer	7.40Y	123.4	0.00	2.58	0.58	0	4	1	97	0.00	0.0	1.487	0.000	4	1	1	1
544517	PL.18025	C	Consumer	7.40Y	123.4	0.00	2.58	0.63	0	5	1	98	0.00	0.0	1.487	0.000	5	1	1	1
544515	PL.18025	A	Consumer	7.49Y	124.8	0.00	1.20	0.34	0	3	0	100	0.00	0.0	1.487	0.000	3	0	1	1
5445023	PL.18025	C	Consumer	7.40Y	123.4	0.00	2.58	0.56	0	4	1	97	0.00	0.0	1.487	0.000	4	1	1	1
544520	PL.18025	C	Consumer	7.40Y	123.4	0.00	2.58	0.03	0	0	0	100	0.00	0.0	1.487	0.000	0	0	1	1
544519	PL.18025	C	Consumer	7.40Y	123.4	0.00	2.58	0.18	0	1	0	100	0.00	0.0	1.487	0.000	1	0	1	1
543604	PL.11271	A	Consumer	7.49Y	124.8	0.00	1.15	0.32	0	2	0	100	0.00	0.0	1.416	0.000	2	0	1	1
543609	PL.11271	A	Consumer	7.49Y	124.8	0.00	1.15	0.39	0	3	0	100	0.00	0.0	1.416	0.000	3	0	1	1
543505	PL.11271	A	Consumer	7.49Y	124.8	0.00	1.15	0.18	0	1	0	100	0.00	0.0	1.416	0.000	1	0	1	1
543504	PL.11271	A	Consumer	7.49Y	124.8	0.00	1.15	0.54	0	4	1	97	0.00	0.0	1.416	0.000	4	1	1	1
543605	PL.11271	A	Consumer	7.49Y	124.8	0.00	1.15	0.66	0	5	1	98	0.00	0.0	1.416	0.000	5	1	1	1
543507	PL.11271	A	Consumer	7.49Y	124.8	0.00	1.15	0.23	0	2	0	100	0.00	0.0	1.416	0.000	2	0	1	1
543506	PL.11271	A	Consumer	7.49Y	124.8	0.00	1.15	0.20	0	1	0	100	0.00	0.0	1.416	0.000	1	0	1	1
543603	PL.7379	A	Consumer	7.49Y	124.9	0.00	1.09	1.03	0	8	1	99	0.00	0.0	1.339	0.000	8	1	1	1
543613	PL.7379	A	Consumer	7.49Y	124.9	0.00	1.09	0.05	0	0	0	100	0.00	0.0	1.339	0.000	0	0	1	1
543606	PL.7379	A	Consumer	7.49Y	124.9	0.00	1.09	0.46	0	3	1	95	0.00	0.0	1.339	0.000	3	1	1	1
PL.18023	PL.11269	A	4ACSR	7.50Y	125.0	0.00	1.04	14.51	7	107	20	98	0.00	0.0	1.270	0.003	0	0	0	30
C PD.2827	PL.18023	A	fuse6AMP	7.50Y	125.0	0.00	1.04	14.51	248	107	20	98	0.00	0.0	1.270	0.000	0	0	0	30 C
PL.18022	PD.2827	A	4ACSR	7.50Y	124.9	0.03	1.07	14.51	7	107	20	98	0.03	0.0	1.323	0.053	0	0	0	30
PL.3528	PL.18022	A	4ACSR	7.50Y	124.9	0.00	1.07	3.36	2	24	6	97	0.00	0.0	1.341	0.018	0	0	0	9
542624	PL.3528	A	Consumer	7.50Y	124.9	0.00	1.07	0.26	0	2	0	100	0.00	0.0	1.341	0.000	2	0	1	1
542621	PL.3528	A	Consumer	7.50Y	124.9	0.00	1.07	0.45	0	3	1	95	0.00	0.0	1.341	0.000	3	1	1	1
542627	PL.3528	A	Consumer	7.50Y	124.9	0.00	1.07	0.29	0	2	0	100	0.00	0.0	1.341	0.000	2	0	1	1
542626	PL.3528	A	Consumer	7.50Y	124.9	0.00	1.07	0.38	0	3	0	100	0.00	0.0	1.341	0.000	3	0	1	1
542623	PL.3528	A	Consumer	7.50Y	124.9	0.00	1.07	0.28	0	2	0	100	0.00	0.0	1.341	0.000	2	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
542622	PL.3528	A	Consumer	7.50Y	124.9	0.00	1.07	0.17	0	1	0	100	0.00	0.0	1.341	0.000	1	0	1	1
542628	PL.3528	A	Consumer	7.50Y	124.9	0.00	1.07	0.33	0	2	0	100	0.00	0.0	1.341	0.000	2	0	1	1
542620	PL.3528	A	Consumer	7.50Y	124.9	0.00	1.07	0.95	0	6	3	89	0.00	0.0	1.341	0.000	6	3	1	1
542625	PL.3528	A	Consumer	7.50Y	124.9	0.00	1.07	0.29	0	2	0	100	0.00	0.0	1.341	0.000	2	0	1	1
PL.3510	PL.18022	A	4ACSR	7.50Y	124.9	0.01	1.08	8.58	4	63	10	99	0.00	0.0	1.351	0.027	0	0	0	18
541609	PL.3510	A	Consumer	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
542635	PL.3510	A	Consumer	7.50Y	124.9	0.00	1.08	0.45	0	3	1	95	0.00	0.0	1.351	0.000	3	1	1	1
541608	PL.3510	A	Consumer	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541606	PL.3510	A	Consumer	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
542636	PL.3510	A	Consumer	7.50Y	124.9	0.00	1.08	0.05	0	0	0	100	0.00	0.0	1.351	0.000	0	0	1	1
541604	PL.3510	A	Consumer	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541602	PL.3510	A	Consumer	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541607	PL.3510	A	Consumer	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541603	PL.3510	A	Consumer	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
541605	PL.3510	A	Consumer	7.50Y	124.9	0.00	1.08	0.00	0	0	0	100	0.00	0.0	1.351	0.000	0	0	0	0
PL.7382	PL.3510	A	4ACSR	7.49Y	124.9	0.01	1.09	8.08	4	60	10	99	0.00	0.0	1.377	0.026	0	0	0	16
542631	PL.7382	A	Consumer	7.49Y	124.9	0.00	1.09	0.51	0	4	1	97	0.00	0.0	1.377	0.000	4	1	1	1
542630	PL.7382	A	Consumer	7.49Y	124.9	0.00	1.09	0.34	0	3	0	100	0.00	0.0	1.377	0.000	3	0	1	1
542633	PL.7382	A	Consumer	7.49Y	124.9	0.00	1.09	0.25	0	2	0	100	0.00	0.0	1.377	0.000	2	0	1	1
542632	PL.7382	A	Consumer	7.49Y	124.9	0.00	1.09	0.21	0	2	0	100	0.00	0.0	1.377	0.000	2	0	1	1
542634	PL.7382	A	Consumer	7.49Y	124.9	0.00	1.09	0.44	0	3	1	95	0.00	0.0	1.377	0.000	3	1	1	1
542629	PL.7382	A	Consumer	7.49Y	124.9	0.00	1.09	0.41	0	3	0	100	0.00	0.0	1.377	0.000	3	0	1	1
PL.7381	PL.7382	A	4ACSR	7.49Y	124.9	0.01	1.10	5.92	3	44	7	99	0.00	0.0	1.411	0.035	0	0	0	10
541506	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.10	0.02	0	0	0	100	0.00	0.0	1.411	0.000	0	0	1	1
541502	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.10	1.42	0	11	2	98	0.00	0.0	1.411	0.000	11	2	1	1
541507	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.10	0.22	0	2	0	100	0.00	0.0	1.411	0.000	2	0	1	1
541504	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.10	0.44	0	3	1	95	0.00	0.0	1.411	0.000	3	1	1	1
541501	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.10	1.91	0	14	2	99	0.00	0.0	1.411	0.000	14	2	1	1
541510	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.10	0.43	0	3	1	95	0.00	0.0	1.411	0.000	3	1	1	1
541503	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.10	0.25	0	2	0	100	0.00	0.0	1.411	0.000	2	0	1	1
541509	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.10	0.39	0	3	0	100	0.00	0.0	1.411	0.000	3	0	1	1
541505	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.10	0.43	0	3	1	95	0.00	0.0	1.411	0.000	3	1	1	1
541508	PL.7381	A	Consumer	7.49Y	124.9	0.00	1.10	0.40	0	3	0	100	0.00	0.0	1.411	0.000	3	0	1	1
542617	PL.18022	A	Consumer	7.50Y	124.9	0.00	1.07	1.16	0	9	1	99	0.00	0.0	1.323	0.000	9	1	1	1
542616	PL.18022	A	Consumer	7.50Y	124.9	0.00	1.07	0.99	0	7	1	99	0.00	0.0	1.323	0.000	7	1	1	1
542619	PL.18022	A	Consumer	7.50Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	1.323	0.000	0	0	0	0
542637	PL.18022	A	Consumer	7.50Y	124.9	0.00	1.07	0.43	0	3	1	95	0.00	0.0	1.323	0.000	3	1	1	1
542615	PL.11269	B	Consumer	7.45Y	124.1	0.00	1.91	0.73	0	5	1	98	0.00	0.0	1.267	0.000	5	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
542705	PL.11269	B	Consumer	7.45Y	124.1	0.00	1.91	0.31	0	2	0	100	0.00	0.0	1.267	0.000	2	0	1	1
542602	PL.11269	B	Consumer	7.45Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	1.267	0.000	0	0	0	0
542608	PL.11269	B	Consumer	7.45Y	124.1	0.00	1.91	0.36	0	3	0	100	0.00	0.0	1.267	0.000	3	0	1	1
542607	PL.11269	B	Consumer	7.45Y	124.1	0.00	1.91	0.30	0	2	0	100	0.00	0.0	1.267	0.000	2	0	1	1
542604	PL.11269	B	Consumer	7.45Y	124.1	0.00	1.91	1.33	0	9	4	91	0.00	0.0	1.267	0.000	9	4	1	1
542618	PL.11269	B	Consumer	7.45Y	124.1	0.00	1.91	0.26	0	2	0	100	0.00	0.0	1.267	0.000	2	0	1	1
542603	PL.11269	B	Consumer	7.45Y	124.1	0.00	1.91	0.37	0	3	0	100	0.00	0.0	1.267	0.000	3	0	1	1
542612	PL.11269	B	Consumer	7.45Y	124.1	0.00	1.91	0.34	0	3	0	100	0.00	0.0	1.267	0.000	3	0	1	1
5417022	PL.18702	A	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	1.126	0.000	0	0	1	1
541721	PL.18702	A	Consumer	7.51Y	125.1	0.00	0.89	0.00	0	0	0	100	0.00	0.0	1.126	0.000	0	0	1	1
541720	PL.18702	A	Consumer	7.51Y	125.1	0.00	0.89	0.07	0	0	0	100	0.00	0.0	1.126	0.000	0	0	1	1
541714	PL.18702	A	Consumer	7.51Y	125.1	0.00	0.89	0.74	0	5	2	93	0.00	0.0	1.126	0.000	5	2	1	1
541715	PL.18702	A	Consumer	7.51Y	125.1	0.00	0.89	0.70	0	5	2	93	0.00	0.0	1.126	0.000	5	2	1	1
541701	PL.26215	A	Consumer	7.51Y	125.2	0.00	0.81	0.16	0	1	0	100	0.00	0.0	1.053	0.000	1	0	1	1
541802	PL.26215	A	Consumer	7.51Y	125.2	0.00	0.81	0.18	0	1	1	71	0.00	0.0	1.053	0.000	1	1	1	1
540701	PL.26215	A	Consumer	7.51Y	125.2	0.00	0.81	0.04	0	0	0	100	0.00	0.0	1.053	0.000	0	0	1	1
541801	PL.26215	A	Consumer	7.51Y	125.2	0.00	0.81	0.63	0	5	1	98	0.00	0.0	1.053	0.000	5	1	1	1
540811	PL.27830	A	Consumer	7.51Y	125.2	0.00	0.76	0.09	0	1	0	100	0.00	0.0	1.014	0.000	1	0	1	1
540812	PL.27830	A	Consumer	7.51Y	125.2	0.00	0.76	0.26	0	2	0	100	0.00	0.0	1.014	0.000	2	0	1	1
540804	PL.27830	A	Consumer	7.51Y	125.2	0.00	0.76	0.40	0	3	0	100	0.00	0.0	1.014	0.000	3	0	1	1
PL.18404	PL.27830	B	4ACSR	7.47Y	124.5	0.00	1.53	1.75	1	13	2	99	0.00	0.0	1.022	0.008	0	0	0	3
PD.2531	PL.18404	B	fuse6AMP	7.47Y	124.5	0.00	1.53	1.75	30	13	2	99	0.00	0.0	1.022	0.000	0	0	0	3
PL.18405	PD.2531	B	4ACSR	7.47Y	124.5	0.00	1.53	1.75	1	13	2	99	0.00	0.0	1.035	0.013	0	0	0	3
540815	PL.18405	B	Consumer	7.47Y	124.5	0.00	1.53	0.30	0	2	0	100	0.00	0.0	1.035	0.000	2	0	1	1
540813	PL.18405	B	Consumer	7.47Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	1.035	0.000	0	0	0	0
540814	PL.18405	B	Consumer	7.47Y	124.5	0.00	1.53	1.34	0	10	2	98	0.00	0.0	1.035	0.000	10	2	1	1
540816	PL.18405	B	Consumer	7.47Y	124.5	0.00	1.53	0.12	0	1	0	100	0.00	0.0	1.035	0.000	1	0	1	1
540808	PL.19912	C	Consumer	7.47Y	124.4	0.00	1.55	0.44	0	3	1	95	0.00	0.0	0.922	0.000	3	1	1	1
540810	PL.19912	C	Consumer	7.47Y	124.4	0.00	1.55	0.02	0	0	0	100	0.00	0.0	0.922	0.000	0	0	1	1
540807	PL.19912	A	Consumer	7.52Y	125.3	0.00	0.66	1.30	0	10	2	98	0.00	0.0	0.922	0.000	10	2	1	1
540805	PL.19912	A	Consumer	7.52Y	125.3	0.00	0.66	0.72	0	5	1	98	0.00	0.0	0.922	0.000	5	1	1	1
033407	PL.26214	A	Consumer	7.52Y	125.4	0.00	0.60	0.13	0	1	0	100	0.00	0.0	0.873	0.000	1	0	1	1
033477	PL.26214	A	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.873	0.000	0	0	0	0
033406	PL.26214	C	Consumer	7.47Y	124.5	0.00	1.46	0.05	0	0	0	100	0.00	0.0	0.873	0.000	0	0	1	1
033479	PL.26214	A	Consumer	7.52Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	0.873	0.000	0	0	0	0
PL.26212	PL.26213	A	397ACSR	7.53Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	0.857	0.025	0	0	0	0
		B		7.49Y	124.8	0.00	1.24	0.00	0	0	0	100					0	0	0	0
		C		7.48Y	124.6	0.00	1.38	0.00	0	0	0	100					0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.42186	PL.26212	A	397ACSR	7.53Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	0.859	0.002	0	0	0	0
		B		7.49Y	124.8	0.00	1.24	0.00	0	0	0	100					0	0	0	0
		C		7.48Y	124.6	0.00	1.38	0.00	0	0	0	100					0	0	0	0
PD.7638-B	PL.42186	A	Open	7.53Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	0.859	0.000	0	0	0	0
		B		7.49Y	124.8	0.00	1.24	0.00	0	0	0	100					0	0	0	0
		C		7.48Y	124.6	0.00	1.38	0.00	0	0	0	100					0	0	0	0
033416	PL.24655	B	Consumer	7.49Y	124.8	0.00	1.18	0.24	0	2	0	100	0.00	0.0	0.792	0.000	2	0	1	1
033424	PL.24655	B	Consumer	7.49Y	124.8	0.00	1.18	0.00	0	0	0	100	0.00	0.0	0.792	0.000	0	0	1	1
033412	PL.24655	B	Consumer	7.49Y	124.8	0.00	1.18	0.51	0	4	1	97	0.00	0.0	0.792	0.000	4	1	1	1
033421	PL.24655	B	Consumer	7.49Y	124.8	0.00	1.18	0.50	0	3	2	83	0.00	0.0	0.792	0.000	3	2	1	1
033487	PL.24654	B	Consumer	7.50Y	125.0	0.00	1.02	1.24	0	9	1	99	0.00	0.0	0.701	0.000	9	1	1	1
033488	PL.24654	B	Consumer	7.50Y	125.0	0.00	1.02	0.42	0	3	1	95	0.00	0.0	0.701	0.000	3	1	1	1
033489	PL.24654	B	Consumer	7.50Y	125.0	0.00	1.02	2.26	0	17	3	98	0.00	0.0	0.701	0.000	17	3	1	1
033491	PL.24654	B	Consumer	7.50Y	125.0	0.00	1.02	1.62	0	12	2	99	0.00	0.0	0.701	0.000	12	2	1	1
033490	PL.24654	C	Consumer	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	0.701	0.000	0	0	0	0
PL.28207	PL.27876	A	4ACSR	7.53Y	125.5	0.00	0.47	9.76	5	73	12	99	0.00	0.0	0.662	0.009	0	0	0	12
C PD.3091	PL.28207	A	fuse6AMP	7.53Y	125.5	0.00	0.47	9.76	167	73	12	99	0.00	0.0	0.662	0.000	0	0	0	12 C
PL.28208	PD.3091	A	4ACSR	7.53Y	125.5	0.05	0.53	9.76	5	73	12	99	0.03	0.0	0.791	0.129	0	0	0	12
PL.33865	PL.28208	A	4ACSR	7.53Y	125.4	0.05	0.58	9.76	5	73	12	99	0.03	0.0	0.912	0.121	0	0	0	12
PL.33866	PL.33865	A	4ACSR	7.52Y	125.4	0.01	0.59	8.84	5	66	11	99	0.01	0.0	0.947	0.035	0	0	0	11
033468	PL.33866	A	Consumer	7.52Y	125.4	0.00	0.59	0.57	0	4	1	97	0.00	0.0	0.947	0.000	4	1	1	1
033484	PL.33866	A	Consumer	7.52Y	125.4	0.00	0.59	1.28	0	9	2	98	0.00	0.0	0.947	0.000	9	2	1	1
PL.20150	PL.33866	A	4ACSR	7.52Y	125.4	0.04	0.64	7.00	4	52	8	99	0.02	0.0	1.093	0.146	0	0	0	9
PL.20151	PL.20150	A	4ACSR	7.52Y	125.4	0.01	0.64	6.26	3	46	8	99	0.00	0.0	1.122	0.029	0	0	0	8
PL.6309	PL.20151	A	4ACSR	7.52Y	125.3	0.03	0.67	6.26	3	46	8	99	0.01	0.0	1.229	0.106	0	0	0	8
033359	PL.6309	A	Consumer	7.52Y	125.3	0.00	0.67	1.24	0	9	1	99	0.00	0.0	1.229	0.000	9	1	1	1
033309	PL.6309	A	Consumer	7.52Y	125.3	0.00	0.67	0.72	0	5	1	98	0.00	0.0	1.229	0.000	5	1	1	1
PL.41555	PL.6309	A	4ACSR	7.52Y	125.3	0.01	0.68	4.31	2	32	5	99	0.00	0.0	1.259	0.030	0	0	0	6
PD.7482-A	PL.41555	A	Closed	7.52Y	125.3	0.00	0.68	4.31	0	32	5	99	0.00	0.0	1.259	0.000	0	0	0	6
PD.7482-B	PD.7482-A	A	Closed	7.52Y	125.3	0.00	0.68	4.31	0	32	5	99	0.00	0.0	1.259	0.000	0	0	0	6
PL.41556	PD.7482-B	A	4ACSR	7.52Y	125.3	0.01	0.69	4.31	2	32	5	99	0.00	0.0	1.309	0.050	0	0	0	6
PL.19429	PL.41556	A	4ACSR	7.52Y	125.3	0.01	0.70	2.88	1	21	3	99	0.00	0.0	1.368	0.059	0	0	0	5
033363	PL.19429	A	Consumer	7.52Y	125.3	0.00	0.70	1.14	0	8	1	99	0.00	0.0	1.368	0.000	8	1	1	1
PL.6312	PL.19429	A	4ACSR	7.52Y	125.3	0.00	0.70	1.74	1	13	2	99	0.00	0.0	1.403	0.035	0	0	0	4
033362	PL.6312	A	Consumer	7.52Y	125.3	0.00	0.70	0.02	0	0	0	100	0.00	0.0	1.403	0.000	0	0	1	1
PL.6308	PL.6312	A	4ACSR	7.52Y	125.3	0.01	0.70	1.72	1	13	2	99	0.00	0.0	1.475	0.072	0	0	0	3
PL.19685	PL.6308	A	4ACSR	7.52Y	125.3	0.00	0.71	0.83	0	6	1	99	0.00	0.0	1.532	0.056	0	0	0	1
PL.19686	PL.19685	A	4ACSR	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	1.574	0.042	0	0	0	0
033331	PL.19686	A	Consumer	7.52Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	1.574	0.000	0	0	0	0
033358	PL.19685	A	Consumer	7.52Y	125.3	0.00	0.71	0.83	0	6	1	99	0.00	0.0	1.532	0.000	6	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 1 (FRNBURGL) beginning with Device PD.3890.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR			Cons On	Cons Thru		
032443	PL.19482	C	Consumer	7.56Y	126.0	0.00	0.04	1.90	0	13	6	91	0.00	0.0	0.091	0.000	13	6	1	1		
PL.19483	PL.19482	A	336ACSR	7.55Y	125.9	0.02	0.09	89.84	12	665	137	98	0.13	0.0	0.113	0.023	0	0	0	103		
		B		7.56Y	125.9	0.01	0.06	93.79	13	694	143	98					0	0	0	102		
		C		7.56Y	126.0	0.01	0.05	68.06	9	503	107	98					0	0	0	68		
PL.4871	PL.19483	A	336ACSR	7.55Y	125.9	0.00	0.10	89.84	12	665	137	98	0.03	0.0	0.119	0.005	0	0	0	103		
		B		7.56Y	125.9	0.00	0.06	93.79	13	694	143	98					0	0	0	102		
		C		7.56Y	126.0	0.00	0.05	68.00	9	503	107	98					0	0	0	67		
PL.40619	PL.4871	A	2ACSR	7.55Y	125.9	-0.00	0.10	0.96	0	7	1	99	0.00	0.0	0.126	0.007	0	0	0	2		
		C		7.56Y	126.0	0.00	0.05	3.40	1	25	4	99					0	0	0	5		
PD.7237	PL.40619	A	fuse6AMP	7.55Y	125.9	0.00	0.10	0.96	16	7	1	99	0.00	0.0	0.126	0.000	0	0	0	2		
		C		7.56Y	126.0	0.00	0.05	3.40	58	25	4	99					0	0	0	5		
PL.40620	PD.7237	A	2ACSR	7.55Y	125.9	-0.00	0.10	0.96	0	7	1	99	0.00	0.0	0.195	0.070	0	0	0	2		
		C		7.56Y	125.9	0.01	0.06	3.40	1	25	4	99					0	0	0	5		
032488	PL.40620	A	Consumer	7.55Y	125.9	0.00	0.10	0.04	0	0	0	100	0.00	0.0	0.195	0.000	0	0	1	1		
		C		7.56Y	125.9	0.00	0.06	0.04	0	0	0	99					0	0	1	1		
032472	PL.40620	A	Consumer	7.55Y	125.9	0.00	0.10	0.78	0	6	1	99	0.00	0.0	0.195	0.000	6	1	1	1		
		C		7.56Y	125.9	0.00	0.06	0.78	0	6	1	99					6	1	1	1		
032494	PL.40620	A	Consumer	7.55Y	125.9	0.00	0.10	0.10	0	1	0	100	0.00	0.0	0.195	0.000	1	0	1	1		
		C		7.56Y	125.9	0.00	0.06	0.10	0	1	0	99					1	0	1	1		
032489	PL.40620	A	Consumer	7.55Y	125.9	0.00	0.10	0.04	0	0	0	100	0.00	0.0	0.195	0.000	0	0	1	1		
		C		7.56Y	125.9	0.00	0.06	0.04	0	0	0	99					0	0	1	1		
0324103	PL.40620	A	Consumer	7.55Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	0.195	0.000	0	0	0	0		
		C		7.56Y	125.9	0.00	0.06	0.00	0	0	0	100					0	0	0	0		
PL.19486	PL.40620	C	4ACSR	7.56Y	125.9	0.01	0.06	2.44	1	18	3	99	0.00	0.0	0.248	0.053	0	0	0	3		
032474	PL.19486	C	Consumer	7.56Y	125.9	0.00	0.06	0.74	0	6	1	99	0.00	0.0	0.248	0.000	6	1	1	1		
032454	PL.19486	C	Consumer	7.56Y	125.9	0.00	0.06	1.19	0	9	1	99	0.00	0.0	0.248	0.000	9	1	1	1		
032495	PL.19486	C	Consumer	7.56Y	125.9	0.00	0.06	0.51	0	4	1	97	0.00	0.0	0.248	0.000	4	1	1	1		
PL.18245	PL.4871	A	336ACSR	7.55Y	125.9	0.03	0.13	88.88	12	658	136	98	0.24	0.0	0.160	0.042	0	0	0	101		
		B		7.55Y	125.9	0.02	0.08	93.79	13	694	143	98					0	0	0	102		
		C		7.56Y	125.9	0.01	0.06	64.60	9	477	103	98					0	0	0	62		
0324100	PL.18245	C	Consumer	7.56Y	125.9	0.00	0.06	1.38	0	10	2	98	0.00	0.0	0.160	0.000	10	2	1	1		
PL.18246	PL.18245	A	336ACSR	7.55Y	125.8	0.05	0.18	88.88	12	657	135	98	0.37	0.0	0.224	0.064	0	0	0	101		
		B		7.55Y	125.9	0.03	0.12	93.79	13	694	143	98					0	0	0	102		
		C		7.56Y	125.9	0.02	0.08	63.23	9	467	101	98					0	0	0	61		
PL.9734	PL.18246	A	336ACSR	7.54Y	125.7	0.11	0.28	88.20	12	652	134	98	0.77	0.0	0.359	0.135	0	0	0	99		
		B		7.55Y	125.8	0.07	0.19	93.79	13	694	142	98					0	0	0	102		
		C		7.55Y	125.9	0.04	0.12	63.23	9	467	101	98					0	0	0	61		
PL.40621	PL.9734	C	4ACSR	7.55Y	125.9	0.00	0.12	1.15	1	8	3	94	0.00	0.0	0.368	0.009	0	0	0	2		
PD.7238	PL.40621	C	fuse6AMP	7.55Y	125.9	0.00	0.12	1.15	20	8	3	94	0.00	0.0	0.368	0.000	0	0	0	2		
PL.40622	PD.7238	C	4ACSR	7.55Y	125.9	0.00	0.12	1.15	1	8	3	94	0.00	0.0	0.401	0.033	0	0	0	2		
032441	PL.40622	C	Consumer	7.55Y	125.9	0.00	0.12	0.95	0	6	3	89	0.00	0.0	0.401	0.000	6	3	1	1		
032433	PL.40622	C	Consumer	7.55Y	125.9	0.00	0.12	0.21	0	2	0	100	0.00	0.0	0.401	0.000	2	0	1	1		
032451	PL.40622	C	Consumer	7.55Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	0.401	0.000	0	0	0	0		
PL.19754	PL.9734	A	336ACSR	7.54Y	125.7	0.05	0.33	87.09	12	643	132	98	0.35	0.0	0.422	0.063	0	0	0	96		
		B		7.55Y	125.8	0.03	0.23	93.79	13	694	141	98					0	0	0	102		
		C		7.55Y	125.9	0.02	0.14	62.10	9	459	97	98					0	0	0	59		
032467	PL.19754	B	Consumer	7.55Y	125.8	0.00	0.23	0.46	0	3	1	95	0.00	0.0	0.422	0.000	3	1	1	1		
032480	PL.19754	B	Consumer	7.55Y	125.8	0.00	0.23	0.29	0	2	0	100	0.00	0.0	0.422	0.000	2	0	1	1		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.19755	PL.19754	A	336ACSR	7.54Y	125.6	0.02	0.35	87.09	12	643	132	98	0.13	0.0	0.446	0.024	0	0	0	96		
		B		7.55Y	125.8	0.01	0.24	93.04	13	688	140	98					0	0	0	100		
		C		7.55Y	125.9	0.01	0.15	62.10	9	459	97	98					0	0	0	59		
PL.9732	PL.19755	A	336ACSR	7.53Y	125.6	0.08	0.43	84.76	12	626	129	98	0.57	0.0	0.549	0.103	0	0	0	93		
		B		7.54Y	125.7	0.06	0.30	93.04	13	688	140	98					0	0	0	100		
		C		7.55Y	125.8	0.03	0.17	62.10	9	459	97	98					0	0	0	59		
PL.9733	PL.9732	A	336ACSR	7.53Y	125.5	0.05	0.48	82.93	11	612	126	98	0.34	0.0	0.612	0.063	0	0	0	87		
		B		7.54Y	125.7	0.04	0.33	93.04	13	688	139	98					0	0	0	100		
		C		7.55Y	125.8	0.02	0.19	61.39	8	453	96	98					0	0	0	57		
PL.43493	PL.9733	B	4ACSR	7.54Y	125.7	0.00	0.33	1.46	1	11	2	98	0.00	0.0	0.621	0.009	0	0	0	4		
PD.8275-A	PL.43493	B	Closed	7.54Y	125.7	0.00	0.33	1.46	0	11	2	98	0.00	0.0	0.621	0.000	0	0	0	4		
PD.8275-B	PD.8275-A	B	Closed	7.54Y	125.7	0.00	0.33	1.46	0	11	2	98	0.00	0.0	0.621	0.000	0	0	0	4		
PL.43494	PD.8275-B	B	4ACSR	7.54Y	125.7	0.01	0.34	1.46	1	11	2	98	0.00	0.0	0.736	0.115	0	0	0	4		
PL.4874	PL.43494	B	4ACSR	7.54Y	125.7	0.00	0.34	1.39	1	10	2	98	0.00	0.0	0.740	0.004	0	0	0	3		
PD.8273	PL.4874	B	fuse6AMP	7.54Y	125.7	0.00	0.34	1.39	24	10	2	98	0.00	0.0	0.740	0.000	0	0	0	3		
PL.1718	PD.8273	B	4ACSR	7.54Y	125.7	0.00	0.35	1.39	1	10	2	98	0.00	0.0	0.801	0.062	0	0	0	3		
PL.4877	PL.1718	B	4ACSR	7.54Y	125.6	0.01	0.35	1.39	1	10	2	98	0.00	0.0	0.911	0.110	0	0	0	3		
PL.4878	PL.4877	B	4ACSR	7.54Y	125.6	0.00	0.35	1.01	1	7	1	99	0.00	0.0	0.912	0.001	0	0	0	2		
PL.1719	PL.4878	B	4ACSR	7.54Y	125.6	0.00	0.35	1.01	1	7	1	99	0.00	0.0	0.949	0.037	0	0	0	2		
PL.1720	PL.1719	B	4ACSR	7.54Y	125.6	0.00	0.36	1.01	1	7	1	99	0.00	0.0	1.022	0.073	0	0	0	2		
PL.1721	PL.1720	B	4ACSR	7.54Y	125.6	0.00	0.36	1.01	1	7	1	99	0.00	0.0	1.042	0.020	0	0	0	2		
PL.24527	PL.1721	B	4ACSR	7.54Y	125.6	0.00	0.36	1.01	1	7	1	99	0.00	0.0	1.127	0.084	0	0	0	2		
031316	PL.24527	B	Consumer	7.54Y	125.6	0.00	0.36	0.97	0	7	1	99	0.00	0.0	1.127	0.000	7	1	1	1		
031305	PL.24527	B	Consumer	7.54Y	125.6	0.00	0.36	0.04	0	0	0	100	0.00	0.0	1.127	0.000	0	0	1	1		
PL.24528	PL.24527	B	4ACSR	7.54Y	125.6	0.00	0.36	0.00	0	0	0	100	0.00	0.0	1.182	0.055	0	0	0	0		
032427	PL.4877	B	Consumer	7.54Y	125.6	0.00	0.35	0.39	0	3	0	100	0.00	0.0	0.911	0.000	3	0	1	1		
032401	PL.43494	B	Consumer	7.54Y	125.7	0.00	0.34	0.07	0	1	0	100	0.00	0.0	0.736	0.000	1	0	1	1		
032414	PL.9733	C	Consumer	7.55Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.612	0.000	0	0	0	0		
PL.43489	PL.9733	A	336ACSR	7.53Y	125.5	0.00	0.48	82.93	11	612	126	98	0.03	0.0	0.618	0.006	0	0	0	87		
		B		7.54Y	125.7	0.00	0.34	91.58	13	677	137	98					0	0	0	96		
		C		7.55Y	125.8	0.00	0.19	61.39	8	453	96	98					0	0	0	57		
PD.7242-A	PL.43489	A	Closed	7.53Y	125.5	0.00	0.48	82.93	0	612	126	98	0.00	0.0	0.618	0.000	0	0	0	87		
		B		7.54Y	125.7	0.00	0.34	91.58	0	677	137	98					0	0	0	96		
		C		7.55Y	125.8	0.00	0.19	61.39	0	453	96	98					0	0	0	57		
PD.7242-B	PD.7242-A	A	Closed	7.53Y	125.5	0.00	0.48	82.93	0	612	126	98	0.00	0.0	0.618	0.000	0	0	0	87		
		B		7.54Y	125.7	0.00	0.34	91.58	0	677	137	98					0	0	0	96		
		C		7.55Y	125.8	0.00	0.19	61.39	0	453	96	98					0	0	0	57		
PL.43490	PD.7242-B	A	336ACSR	7.53Y	125.5	0.03	0.51	82.93	11	612	126	98	0.22	0.0	0.659	0.041	0	0	0	87		
		B		7.54Y	125.6	0.02	0.36	91.58	13	677	137	98					0	0	0	96		
		C		7.55Y	125.8	0.01	0.20	61.39	8	453	96	98					0	0	0	57		
PL.40638	PL.43490	A	336ACSR	7.51Y	125.1	0.38	0.89	82.93	11	612	125	98	2.72	0.2	1.174	0.515	0	0	0	87		
		B		7.52Y	125.4	0.28	0.64	91.58	13	677	137	98					0	0	0	96		
		C		7.54Y	125.7	0.14	0.35	61.39	8	453	96	98					0	0	0	57		
PL.27277	PL.40638	C	4ACSR	7.54Y	125.7	0.00	0.35	0.00	0	0	0	100	0.00	0.0	1.184	0.010	0	0	0	1		
PD.1198	PL.27277	C	fuse6AMP	7.54Y	125.7	0.00	0.35	0.00	0	0	0	100	0.00	0.0	1.184	0.000	0	0	0	1		
PL.27278	PD.1198	C	4ACSR	7.54Y	125.7	0.00	0.35	0.00	0	0	0	100	0.00	0.0	1.221	0.037	0	0	0	1		

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.1722	PL.27278	C	4ACSR	7.54Y	125.7	0.00	0.35	0.00	0	0	0	100	0.00	0.0	1.247	0.026	0	0	0	1		
PL.1723	PL.1722	C	4ACSR	7.54Y	125.7	0.00	0.35	0.00	0	0	0	100	0.00	0.0	1.320	0.072	0	0	0	1		
031423	PL.1723	C	Consumer	7.54Y	125.7	0.00	0.35	0.00	0	0	0	100	0.00	0.0	1.320	0.000	0	0	1	1		
0314030	031423	C	Consumer	7.54Y	125.7	0.00	0.35	0.00	0	0	0	100	0.00	0.0	1.320	0.000	0	0	0	0		
PL.37743	PL.40638	A	6ACWC	7.50Y	125.0	0.07	0.95	82.93	43	610	123	98	0.81	0.0	1.194	0.019	0	0	0	87		
		B		7.52Y	125.3	0.07	0.71	91.58	48	676	134	98					0	0	0	96		
		C		7.54Y	125.6	0.04	0.39	61.39	32	453	95	98					0	0	0	56		
PD.6214-A	PL.37743	A	Closed	7.50Y	125.0	0.00	0.95	82.93	0	610	123	98	0.00	0.0	1.194	0.000	0	0	0	87		
		B		7.52Y	125.3	0.00	0.71	91.58	0	675	133	98					0	0	0	96		
		C		7.54Y	125.6	0.00	0.39	61.39	0	453	95	98					0	0	0	56		
PD.6214-B	PD.6214-A	A	Closed	7.50Y	125.0	0.00	0.95	82.93	0	610	123	98	0.00	0.0	1.194	0.000	0	0	0	87		
		B		7.52Y	125.3	0.00	0.71	91.58	0	675	133	98					0	0	0	96		
		C		7.54Y	125.6	0.00	0.39	61.39	0	453	95	98					0	0	0	56		
PL.37744	PD.6214-B	A	6ACWC	7.49Y	124.8	0.24	1.19	82.93	43	610	123	98	2.83	0.2	1.261	0.067	0	0	0	87		
		B		7.50Y	125.1	0.23	0.94	91.58	48	675	133	98					0	0	0	96		
		C		7.53Y	125.5	0.14	0.53	61.39	32	453	95	98					0	0	0	56		
PL.28134	PL.37744	A	6ACWC	7.48Y	124.6	0.19	1.38	82.93	43	609	123	98	2.32	0.1	1.316	0.055	0	0	0	87		
		B		7.49Y	124.9	0.19	1.13	91.58	48	674	133	98					0	0	0	96		
		C		7.52Y	125.3	0.12	0.65	61.39	32	452	94	98					0	0	0	56		
PL.40617	PL.28134	B	4ACSR	7.49Y	124.9	0.00	1.13	1.82	1	13	2	99	0.00	0.0	1.320	0.004	0	0	0	3		
PD.7236	PL.40617	B	fuse6AMP	7.49Y	124.9	0.00	1.13	1.82	31	13	2	99	0.00	0.0	1.320	0.000	0	0	0	3		
PL.40618	PD.7236	B	4ACSR	7.49Y	124.9	0.00	1.14	1.82	1	13	2	99	0.00	0.0	1.369	0.049	0	0	0	3		
PL.9730	PL.40618	B	4ACSR	7.49Y	124.9	0.01	1.15	1.82	1	13	2	99	0.00	0.0	1.500	0.131	0	0	0	2		
PL.9731	PL.9730	B	4ACSR	7.49Y	124.9	0.00	1.15	1.81	1	13	2	99	0.00	0.0	1.520	0.020	0	0	0	1		
031425	PL.9731	B	Consumer	7.49Y	124.9	0.00	1.15	1.81	0	13	2	99	0.00	0.0	1.520	0.000	13	2	1	1		
031426	PL.9730	B	Consumer	7.49Y	124.9	0.00	1.15	0.01	0	0	0	100	0.00	0.0	1.500	0.000	0	0	1	1		
031407	PL.40618	B	Consumer	7.49Y	124.9	0.00	1.14	0.00	0	0	0	100	0.00	0.0	1.369	0.000	0	0	1	1		
PL.40650	PL.28134	A	6ACWC	7.47Y	124.4	0.18	1.57	82.93	43	608	122	98	2.13	0.1	1.368	0.052	0	0	0	87		
		B		7.48Y	124.7	0.17	1.31	89.76	47	660	130	98					0	0	0	93		
		C		7.51Y	125.2	0.11	0.76	61.39	32	452	94	98					0	0	0	56		
PD.7244-A	PL.40650	A	Closed	7.47Y	124.4	0.00	1.57	82.93	0	607	122	98	0.00	0.0	1.368	0.000	0	0	0	87		
		B		7.48Y	124.7	0.00	1.31	89.76	0	659	130	98					0	0	0	93		
		C		7.51Y	125.2	0.00	0.76	61.39	0	452	94	98					0	0	0	56		
PD.7244-B	PD.7244-A	A	Closed	7.47Y	124.4	0.00	1.57	82.93	0	607	122	98	0.00	0.0	1.368	0.000	0	0	0	87		
		B		7.48Y	124.7	0.00	1.31	89.76	0	659	130	98					0	0	0	93		
		C		7.51Y	125.2	0.00	0.76	61.39	0	452	94	98					0	0	0	56		
PL.40651	PD.7244-B	A	6ACWC	7.46Y	124.3	0.18	1.74	82.93	43	607	122	98	2.10	0.1	1.418	0.051	0	0	0	87		
		B		7.47Y	124.5	0.17	1.48	89.76	47	659	130	98					0	0	0	93		
		C		7.51Y	125.1	0.11	0.87	61.39	32	452	94	98					0	0	0	56		
031409	PL.40651	B	Consumer	7.47Y	124.5	0.00	1.48	0.34	0	3	0	100	0.00	0.0	1.418	0.000	3	0	1	1		
031411	PL.40651	B	Consumer	7.47Y	124.5	0.00	1.48	0.33	0	2	0	100	0.00	0.0	1.418	0.000	2	0	1	1		
PL.40615	PL.40651	B	4ACSR	7.47Y	124.5	0.00	1.48	2.23	1	16	3	98	0.00	0.0	1.424	0.006	0	0	0	2		
PD.7235	PL.40615	B	fuse6AMP	7.47Y	124.5	0.00	1.48	2.23	38	16	3	98	0.00	0.0	1.424	0.000	0	0	0	2		
PL.40616	PD.7235	B	4ACSR	7.47Y	124.5	0.01	1.48	2.23	1	16	3	98	0.00	0.0	1.477	0.053	0	0	0	2		
PL.1726	PL.40616	B	4ACSR	7.47Y	124.5	0.00	1.49	2.23	1	16	3	98	0.00	0.0	1.497	0.021	0	0	0	1		
031420	PL.1726	B	Consumer	7.47Y	124.5	0.00	1.49	2.23	0	16	3	98	0.00	0.0	1.497	0.000	16	3	1	1		
031421	PL.40616	B	Consumer	7.47Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	1.477	0.000	0	0	1	1		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

10/22/2007 09:26 Page 391

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.9727	PL.40651	A	6ACWC	7.42Y	123.7	0.59	2.33	82.93	43	606	122	98	6.75	0.4	1.587	0.168	0	0	0	87
		B		7.44Y	124.0	0.55	2.02	86.87	45	637	126	98					0	0	0	89
		C		7.49Y	124.8	0.37	1.25	61.39	32	451	94	98					0	0	0	56
PL.45930	PL.9727	B	4ACSR	7.44Y	124.0	0.00	2.02	1.01	1	7	1	99	0.00	0.0	1.595	0.008	0	0	0	2
PD.8689	PL.45930	B	fuse6AMP	7.44Y	124.0	0.00	2.02	1.01	17	7	1	99	0.00	0.0	1.595	0.000	0	0	0	2
PL.45931	PD.8689	B	4ACSR	7.44Y	124.0	0.00	2.03	1.01	1	7	1	99	0.00	0.0	1.608	0.014	0	0	0	2
PL.45929	PL.45931	B	4ACSR	7.44Y	124.0	0.00	2.03	0.51	0	4	1	97	0.00	0.0	1.685	0.077	0	0	0	1
031412	PL.45929	B	Consumer	7.44Y	124.0	0.00	2.03	0.51	0	4	1	97	0.00	0.0	1.685	0.000	4	1	1	1
031405	PL.45931	B	Consumer	7.44Y	124.0	0.00	2.03	0.50	0	4	1	97	0.00	0.0	1.608	0.000	4	1	1	1
PL.40692	PL.9727	A	6ACWC	7.39Y	123.1	0.57	2.90	82.93	43	603	121	98	6.48	0.4	1.751	0.164	0	0	0	87
		B		7.41Y	123.5	0.52	2.55	85.18	44	622	123	98					0	0	0	86
		C		7.46Y	124.4	0.37	1.61	61.39	32	450	94	98					0	0	0	56
PL.40693	PL.40692	A	6ACWC	7.38Y	123.0	0.13	3.03	82.53	43	598	119	98	1.45	0.1	1.787	0.037	0	0	0	86
		B		7.40Y	123.3	0.12	2.66	85.18	44	619	121	98					0	0	0	86
		C		7.46Y	124.3	0.08	1.69	61.39	32	449	93	98					0	0	0	56
PL.4884	PL.40693	A	6ACWC	7.37Y	122.8	0.13	3.16	82.53	43	597	119	98	1.48	0.1	1.825	0.037	0	0	0	86
		B		7.39Y	123.2	0.12	2.78	85.18	44	619	121	98					0	0	0	86
		C		7.45Y	124.2	0.08	1.78	61.39	32	448	93	98					0	0	0	56
PL.4885	PL.4884	A	6ACWC	7.34Y	122.4	0.44	3.60	81.95	43	592	118	98	5.01	0.3	1.953	0.128	0	0	0	85
		B		7.37Y	122.8	0.41	3.19	85.18	44	618	121	98					0	0	0	86
		C		7.44Y	123.9	0.28	2.06	61.39	32	448	93	98					0	0	0	56
031401	PL.4885	A	Consumer	7.34Y	122.4	0.00	3.60	1.42	0	10	2	98	0.00	0.0	1.953	0.000	10	2	1	1
031402	PL.4885	A	Consumer	7.34Y	122.4	0.00	3.60	0.99	0	7	1	99	0.00	0.0	1.953	0.000	7	1	1	1
031424	PL.4885	A	Consumer	7.34Y	122.4	0.00	3.60	0.01	0	0	0	100	0.00	0.0	1.953	0.000	0	0	1	1
PL.4883	PL.4885	A	6ACWC	7.33Y	122.1	0.30	3.89	79.54	41	573	115	98	3.42	0.2	2.042	0.089	0	0	0	82
		B		7.35Y	122.5	0.29	3.48	85.18	44	616	120	98					0	0	0	86
		C		7.42Y	123.7	0.20	2.26	61.39	32	447	93	98					0	0	0	56
PL.9726	PL.4883	A	6ACWC	7.32Y	122.0	0.07	3.97	79.54	41	571	114	98	0.83	0.1	2.064	0.022	0	0	0	82
		B		7.35Y	122.5	0.07	3.55	85.18	44	615	119	98					0	0	0	86
		C		7.42Y	123.7	0.05	2.31	61.39	32	446	93	98					0	0	0	56
030316	PL.9726	A	Consumer	7.32Y	122.0	0.00	3.97	0.29	0	2	0	100	0.00	0.0	2.064	0.000	2	0	1	1
030323	PL.9726	A	Consumer	7.32Y	122.0	0.00	3.97	0.18	0	1	1	71	0.00	0.0	2.064	0.000	1	1	1	1
PL.19707	PL.9726	A	6ACWC	7.30Y	121.7	0.30	4.27	79.07	41	568	113	98	3.46	0.2	2.155	0.091	0	0	0	80
		B		7.33Y	122.2	0.29	3.84	85.18	44	614	119	98					0	0	0	86
		C		7.41Y	123.5	0.20	2.51	61.39	32	446	93	98					0	0	0	56
030308	PL.19707	A	Consumer	7.30Y	121.7	0.00	4.27	1.21	0	9	1	99	0.00	0.0	2.155	0.000	9	1	1	1
PL.19708	PL.19707	A	6ACWC	7.29Y	121.6	0.17	4.43	77.87	41	558	111	98	1.92	0.1	2.206	0.051	0	0	0	79
		B		7.32Y	122.0	0.16	4.00	85.18	44	613	118	98					0	0	0	86
		C		7.40Y	123.4	0.11	2.62	61.39	32	445	92	98					0	0	0	56
PL.43739	PL.19708	A	6ACWC	7.28Y	121.3	0.24	4.67	77.87	41	557	111	98	2.61	0.2	2.278	0.072	0	0	0	79
		B		7.31Y	121.8	0.23	4.23	85.18	44	612	118	98					0	0	0	86
		C		7.39Y	123.2	0.14	2.76	55.25	29	402	73	98					0	0	0	54
C PD.3410 C	PL.43739	A	70L	7.28Y	121.3	0.00	4.67	77.87	111	556	111	98	0.00	0.0	2.278	0.000	0	0	0	79 C
		B		7.31Y	121.8	0.00	4.23	85.18	122	611	118	98					0	0	0	86 C
		C		7.39Y	123.2	0.00	2.76	55.25	79	402	73	98					0	0	0	54
PL.43740	PD.3410	A	6ACWC	7.27Y	121.2	0.16	4.84	77.87	41	556	111	98	1.78	0.1	2.327	0.049	0	0	0	79
		B		7.30Y	121.6	0.16	4.39	85.18	44	611	118	98					0	0	0	86
		C		7.39Y	123.1	0.09	2.85	55.25	29	402	73	98					0	0	0	54
PL.27281	PL.43740	C	4ACSR	7.39Y	123.1	0.00	2.85	23.87	12	174	29	99	0.00	0.0	2.328	0.001	0	0	0	25
PL.27282	PL.27281	C	4ACSR	7.39Y	123.1	0.00	2.86	23.87	12	174	29	99	0.00	0.0	2.330	0.002	0	0	0	25

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

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.43741	PL.27282	C	4ACSR	7.39Y	123.1	0.02	2.87	23.87	12	174	29	99	0.02	0.0	2.346	0.016	0	0	0	25
PD.3409	PL.43741	C	35L	7.39Y	123.1	0.00	2.87	23.87	68	174	29	99	0.00	0.0	2.346	0.000	0	0	0	25
PL.43742	PD.3409	C	4ACSR	7.38Y	123.0	0.11	2.99	23.87	12	174	29	99	0.15	0.1	2.456	0.110	0	0	0	25
PL.24530	PL.43742	C	4ACSR	7.38Y	122.9	0.07	3.06	23.17	12	169	28	99	0.09	0.1	2.528	0.072	0	0	0	23
PL.9736	PL.24530	C	4ACSR	7.37Y	122.9	0.08	3.14	21.13	11	154	25	99	0.09	0.1	2.614	0.086	0	0	0	22
PL.40597	PL.9736	C	4ACSR	7.37Y	122.8	0.05	3.18	17.74	9	129	21	99	0.05	0.0	2.677	0.063	0	0	0	20
PD.7226-A	PL.40597	C	Closed	7.37Y	122.8	0.00	3.18	17.74	0	129	21	99	0.00	0.0	2.677	0.000	0	0	0	20
PD.7226-B	PD.7226-A	C	Closed	7.37Y	122.8	0.00	3.18	17.74	0	129	21	99	0.00	0.0	2.677	0.000	0	0	0	20
PL.40598	PD.7226-B	C	4ACSR	7.37Y	122.8	0.01	3.19	17.74	9	129	21	99	0.01	0.0	2.689	0.012	0	0	0	20
PL.19614	PL.40598	C	4ACSR	7.36Y	122.7	0.07	3.26	16.28	8	118	19	99	0.06	0.1	2.788	0.099	0	0	0	19
PL.9737	PL.19614	C	4ACSR	7.36Y	122.7	0.03	3.29	15.97	8	116	19	99	0.03	0.0	2.832	0.044	0	0	0	18
031322	PL.9737	C	Consumer	7.36Y	122.7	0.00	3.29	1.21	0	9	1	99	0.00	0.0	2.832	0.000	9	1	1	1
PL.9738	PL.9737	C	4ACSR	7.35Y	122.6	0.15	3.44	14.76	8	107	18	99	0.12	0.1	3.070	0.237	0	0	0	17
PL.40599	PL.9738	C	4ACSR	7.35Y	122.6	0.00	3.44	1.34	1	10	2	98	0.00	0.0	3.078	0.009	0	0	0	1
PD.7227	PL.40599	C	fuse6AMP	7.35Y	122.6	0.00	3.44	1.34	23	10	2	98	0.00	0.0	3.078	0.000	0	0	0	1
PL.40600	PD.7227	C	4ACSR	7.35Y	122.6	0.00	3.45	1.34	1	10	2	98	0.00	0.0	3.130	0.052	0	0	0	1
031328	PL.40600	C	Consumer	7.35Y	122.6	0.00	3.45	1.34	0	10	2	98	0.00	0.0	3.130	0.000	10	2	1	1
PL.9739	PL.9738	C	4ACSR	7.35Y	122.5	0.04	3.48	13.43	7	97	16	99	0.03	0.0	3.131	0.062	0	0	0	16
031307	PL.9739	C	Consumer	7.35Y	122.5	0.00	3.48	1.38	0	10	2	98	0.00	0.0	3.131	0.000	10	2	1	1
0313033	PL.9739	C	Consumer	7.35Y	122.5	0.00	3.48	0.37	0	3	0	100	0.00	0.0	3.131	0.000	3	0	1	1
PL.9740	PL.9739	C	4ACSR	7.35Y	122.5	0.03	3.51	10.83	6	79	13	99	0.02	0.0	3.186	0.054	0	0	0	12
PL.24529	PL.9740	C	4ACSR	7.35Y	122.5	0.03	3.53	10.22	5	74	12	99	0.02	0.0	3.247	0.061	0	0	0	11
031318	PL.24529	C	Consumer	7.35Y	122.5	0.00	3.53	0.66	0	5	1	98	0.00	0.0	3.247	0.000	5	1	1	1
031324	PL.24529	C	Consumer	7.35Y	122.5	0.00	3.53	1.55	0	11	2	98	0.00	0.0	3.247	0.000	11	2	1	1
PL.40611	PL.24529	C	4ACSR	7.35Y	122.4	0.02	3.55	6.76	3	49	8	99	0.01	0.0	3.316	0.070	0	0	0	7
PD.7233-A	PL.40611	C	Closed	7.35Y	122.4	0.00	3.55	6.76	0	49	8	99	0.00	0.0	3.316	0.000	0	0	0	7
PD.7233-B	PD.7233-A	C	Closed	7.35Y	122.4	0.00	3.55	6.76	0	49	8	99	0.00	0.0	3.316	0.000	0	0	0	7
PL.40612	PD.7233-B	C	4ACSR	7.35Y	122.4	0.00	3.56	6.76	3	49	8	99	0.00	0.0	3.329	0.012	0	0	0	7
PL.40607	PL.40612	C	4ACSR	7.35Y	122.4	0.00	3.56	0.43	0	3	1	95	0.00	0.0	3.333	0.005	0	0	0	1
PD.7231	PL.40607	C	fuse6AMP	7.35Y	122.4	0.00	3.56	0.43	7	3	1	95	0.00	0.0	3.333	0.000	0	0	0	1
PL.40608	PD.7231	C	4ACSR	7.35Y	122.4	0.00	3.56	0.43	0	3	1	95	0.00	0.0	3.426	0.092	0	0	0	1
031306	PL.40608	C	Consumer	7.35Y	122.4	0.00	3.56	0.43	0	3	1	95	0.00	0.0	3.426	0.000	3	1	1	1
PL.9742	PL.40612	C	4ACSR	7.35Y	122.4	0.01	3.57	4.52	2	33	5	99	0.00	0.0	3.395	0.067	0	0	0	4
031313	PL.9742	C	Consumer	7.35Y	122.4	0.00	3.57	1.39	0	10	2	98	0.00	0.0	3.395	0.000	10	2	1	1
PL.9743	PL.9742	C	4ACSR	7.35Y	122.4	0.01	3.58	3.12	2	23	4	99	0.00	0.0	3.492	0.096	0	0	0	3
PL.40613	PL.9743	C	4ACSR	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	3.496	0.004	0	0	0	0
PD.7234	PL.40613	C	fuse6AMP	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	3.496	0.000	0	0	0	0
PL.40614	PD.7234	C	4ACSR	7.35Y	122.4	0.00	3.58	0.00	0	0	0	100	0.00	0.0	3.584	0.088	0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.9744	PL.9743	C	4ACSR	7.34Y	122.4	0.00	3.59	1.83	1	13	2	99	0.00	0.0	3.529	0.037	0	0	0	2
031327	PL.9744	C	Consumer	7.34Y	122.4	0.00	3.59	0.00	0	0	0	100	0.00	0.0	3.529	0.000	0	0	1	1
PL.27799	PL.9744	C	4ACSR	7.34Y	122.4	0.00	3.59	1.83	1	13	2	99	0.00	0.0	3.562	0.033	0	0	0	1
PL.27800	PL.27799	C	4ACSR	7.34Y	122.4	0.00	3.59	1.83	1	13	2	99	0.00	0.0	3.623	0.062	0	0	0	1
032307	PL.27800	C	Consumer	7.34Y	122.4	0.00	3.59	1.83	0	13	2	99	0.00	0.0	3.623	0.000	13	2	1	1
032306	PL.9743	C	Consumer	7.35Y	122.4	0.00	3.58	1.30	0	9	2	98	0.00	0.0	3.492	0.000	9	2	1	1
PL.40609	PL.40612	C	4ACSR	7.35Y	122.4	0.00	3.56	1.82	1	13	2	99	0.00	0.0	3.335	0.006	0	0	0	2
PD.7232	PL.40609	C	fuse6AMP	7.35Y	122.4	0.00	3.56	1.82	31	13	2	99	0.00	0.0	3.335	0.000	0	0	0	2
PL.40610	PD.7232	C	4ACSR	7.35Y	122.4	0.01	3.57	1.82	1	13	2	99	0.00	0.0	3.466	0.132	0	0	0	2
031329	PL.40610	C	Consumer	7.35Y	122.4	0.00	3.57	1.79	0	13	2	99	0.00	0.0	3.466	0.000	13	2	1	1
031331	PL.40610	C	Consumer	7.35Y	122.4	0.00	3.57	0.03	0	0	0	100	0.00	0.0	3.466	0.000	0	0	1	1
PL.40605	PL.24529	C	4ACSR	7.35Y	122.5	0.00	3.53	1.24	1	9	1	99	0.00	0.0	3.259	0.012	0	0	0	2
PD.7230	PL.40605	C	fuse6AMP	7.35Y	122.5	0.00	3.53	1.24	21	9	1	99	0.00	0.0	3.259	0.000	0	0	0	2
PL.40606	PD.7230	C	4ACSR	7.35Y	122.5	0.00	3.54	1.24	1	9	1	99	0.00	0.0	3.329	0.070	0	0	0	2
031323	PL.40606	C	Consumer	7.35Y	122.5	0.00	3.54	0.69	0	5	1	98	0.00	0.0	3.329	0.000	5	1	1	1
031321	PL.40606	C	Consumer	7.35Y	122.5	0.00	3.54	0.55	0	4	1	97	0.00	0.0	3.329	0.000	4	1	1	1
031310	PL.40606	C	Consumer	7.35Y	122.5	0.00	3.54	0.00	0	0	0	100	0.00	0.0	3.329	0.000	0	0	0	0
031308	PL.9740	C	Consumer	7.35Y	122.5	0.00	3.51	0.61	0	4	1	97	0.00	0.0	3.186	0.000	4	1	1	1
PL.40601	PL.9739	C	4ACSR	7.35Y	122.5	0.00	3.48	0.23	0	2	0	100	0.00	0.0	3.140	0.009	0	0	0	1
PD.7228	PL.40601	C	fuse6AMP	7.35Y	122.5	0.00	3.48	0.23	4	2	0	100	0.00	0.0	3.140	0.000	0	0	0	1
PL.40602	PD.7228	C	4ACSR	7.35Y	122.5	0.00	3.48	0.23	0	2	0	100	0.00	0.0	3.182	0.042	0	0	0	1
031330	PL.40602	C	Consumer	7.35Y	122.5	0.00	3.48	0.23	0	2	0	100	0.00	0.0	3.182	0.000	2	0	1	1
PL.40603	PL.9739	C	2ACSR	7.35Y	122.5	0.00	3.48	0.62	0	4	1	97	0.00	0.0	3.141	0.010	0	0	0	1
PD.7229	PL.40603	C	fuse6AMP	7.35Y	122.5	0.00	3.48	0.62	11	4	1	97	0.00	0.0	3.141	0.000	0	0	0	1
PL.40604	PD.7229	C	2ACSR	7.35Y	122.5	0.00	3.48	0.62	0	4	1	97	0.00	0.0	3.161	0.020	0	0	0	1
031312	PL.40604	C	Consumer	7.35Y	122.5	0.00	3.48	0.62	0	4	1	97	0.00	0.0	3.161	0.000	4	1	1	1
031304	PL.19614	C	Consumer	7.36Y	122.7	0.00	3.26	0.30	0	2	0	100	0.00	0.0	2.788	0.000	2	0	1	1
031314	PL.19614	C	Consumer	7.36Y	122.7	0.00	3.26	0.00	0	0	0	100	0.00	0.0	2.788	0.000	0	0	0	0
031325	PL.40598	C	Consumer	7.37Y	122.8	0.00	3.19	1.47	0	11	2	98	0.00	0.0	2.689	0.000	11	2	1	1
031319	PL.9736	C	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	2.614	0.000	0	0	0	0
031303	PL.9736	C	Consumer	7.37Y	122.9	0.00	3.14	0.90	0	7	1	99	0.00	0.0	2.614	0.000	7	1	1	1
0313032	PL.9736	C	Consumer	7.37Y	122.9	0.00	3.14	2.49	0	18	3	99	0.00	0.0	2.614	0.000	18	3	1	1
031326	PL.9736	C	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	2.614	0.000	0	0	0	0
031320	PL.24530	C	Consumer	7.38Y	122.9	0.00	3.06	2.03	0	15	2	99	0.00	0.0	2.528	0.000	15	2	1	1
030322	PL.43742	C	Consumer	7.38Y	123.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	2.456	0.000	0	0	0	0
030326	PL.43742	C	Consumer	7.38Y	123.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	2.456	0.000	0	0	1	1
030324	PL.43742	C	Consumer	7.38Y	123.0	0.00	2.99	0.70	0	5	1	98	0.00	0.0	2.456	0.000	5	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include various elements like PL.27285, 030325, 030302, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.40595	PL.21395	B	4ACSR	7.18Y	119.7	0.02	6.31	5.26	3	37	6	99	0.00	0.0	3.122	0.070	0	0	0	6
PL.40596	PL.40595	B	4ACSR	7.18Y	119.7	0.01	6.31	5.26	3	37	6	99	0.00	0.0	3.159	0.037	0	0	0	6
459307	PL.40596	B	Consumer	7.18Y	119.7	0.00	6.31	1.27	0	9	1	99	0.00	0.0	3.159	0.000	9	1	1	1
PL.21398	PL.40596	B	4ACSR	7.18Y	119.7	0.00	6.31	3.99	2	28	5	98	0.00	0.0	3.165	0.005	0	0	0	5
PL.21397	PL.21398	B	4ACSR	7.18Y	119.7	0.00	6.32	0.97	0	7	1	99	0.00	0.0	3.213	0.048	0	0	0	2
459312	PL.21397	B	Consumer	7.18Y	119.7	0.00	6.32	0.07	0	0	0	100	0.00	0.0	3.213	0.000	0	0	1	1
PL.22600	PL.21397	B	4ACSR	7.18Y	119.7	0.00	6.32	0.90	0	6	1	99	0.00	0.0	3.331	0.119	0	0	0	1
PL.23608	PL.22600	B	4ACSR	7.18Y	119.7	0.00	6.32	0.00	0	0	0	100	0.00	0.0	3.332	0.001	0	0	0	0
PL.22603	PL.22600	B	4ACSR	7.18Y	119.7	0.00	6.32	0.90	0	6	1	99	0.00	0.0	3.338	0.006	0	0	0	1
PL.22604	PL.22603	B	4ACSR	7.18Y	119.7	0.00	6.32	0.00	0	0	0	100	0.00	0.0	3.364	0.026	0	0	0	0
PL.23607	PL.22604	B	4ACSR	7.18Y	119.7	0.00	6.32	0.00	0	0	0	100	0.00	0.0	3.439	0.075	0	0	0	0
PL.23606	PL.23607	B	4ACSR	7.18Y	119.7	0.00	6.32	0.00	0	0	0	100	0.00	0.0	3.562	0.123	0	0	0	0
PL.23605	PL.23606	B	4ACSR	7.18Y	119.7	0.00	6.32	0.00	0	0	0	100	0.00	0.0	3.616	0.055	0	0	0	0
PL.23604	PL.23605	B	4ACSR	7.18Y	119.7	0.00	6.32	0.00	0	0	0	100	0.00	0.0	3.707	0.091	0	0	0	0
459404	PL.22603	B	Consumer	7.18Y	119.7	0.00	6.32	0.90	0	6	1	99	0.00	0.0	3.338	0.000	6	1	1	1
PL.21826	PL.21398	B	4ACSR	7.18Y	119.7	0.00	6.32	3.02	2	21	3	99	0.00	0.0	3.180	0.016	0	0	0	3
PL.23588	PL.21826	B	4ACSR	7.18Y	119.7	0.01	6.32	3.02	2	21	3	99	0.00	0.0	3.242	0.062	0	0	0	3
459318	PL.23588	B	Consumer	7.18Y	119.7	0.00	6.32	0.00	0	0	0	100	0.00	0.0	3.242	0.000	0	0	1	1
PL.23587	PL.23588	B	4ACSR	7.18Y	119.7	0.01	6.33	3.02	2	21	3	99	0.00	0.0	3.288	0.046	0	0	0	2
PL.22601	PL.23587	B	4ACSR	7.18Y	119.7	0.00	6.33	0.90	0	6	1	99	0.00	0.0	3.332	0.044	0	0	0	1
PL.22602	PL.22601	B	4ACSR	7.18Y	119.7	0.00	6.33	0.90	0	6	1	99	0.00	0.0	3.342	0.011	0	0	0	1
PL.23609	PL.22602	B	4ACSR	7.18Y	119.7	0.00	6.33	0.90	0	6	1	99	0.00	0.0	3.373	0.030	0	0	0	1
459401	PL.23609	B	Consumer	7.18Y	119.7	0.00	6.33	0.90	0	6	1	99	0.00	0.0	3.373	0.000	6	1	1	1
459310	PL.23587	B	Consumer	7.18Y	119.7	0.00	6.33	2.13	0	15	2	99	0.00	0.0	3.288	0.000	15	2	1	1
459315	PL.21395	B	Consumer	7.18Y	119.7	0.00	6.29	0.50	0	4	1	97	0.00	0.0	3.052	0.000	4	1	1	1
459306	PL.21395	B	Consumer	7.18Y	119.7	0.00	6.29	0.86	0	6	1	99	0.00	0.0	3.052	0.000	6	1	1	1
PL.40908	PL.9722	A	6ACWC	7.13Y	118.8	0.10	7.16	76.40	40	535	105	98	0.78	0.1	2.983	0.029	0	0	0	78
		B		7.18Y	119.7	0.07	6.33	72.70	38	513	97	98					0	0	0	73
		C		7.36Y	122.6	0.03	3.37	28.27	15	204	41	98					0	0	0	26
RG.11	PL.40908	A	1ph-100A-7	7.56Y	126.0	-7.16	-0.00	76.40	76	535	105	98	percent Boost= 6.03 Tap= 9.6							78
		B		7.56Y	126.0	-6.33	0.00	72.70	73	513	97	98	percent Boost= 5.29 Tap= 8.5							
		C		7.56Y	126.0	-3.37	-0.00	28.27	28	204	41	98	percent Boost= 2.75 Tap= 4.4							
PD.7288-A	RG.11	A	Closed	7.56Y	126.0	0.00	-0.00	72.06	0	535	105	98	0.00	0.0	2.983	0.000	0	0	0	78
		B		7.56Y	126.0	0.00	0.00	69.05	0	513	97	98					0	0	0	73
		C		7.56Y	126.0	0.00	-0.00	27.52	0	204	41	98					0	0	0	26
PD.7288-B	PD.7288-A	A	Closed	7.56Y	126.0	0.00	-0.00	72.06	0	535	105	98	0.00	0.0	2.983	0.000	0	0	0	78
		B		7.56Y	126.0	0.00	0.00	69.05	0	513	97	98					0	0	0	73
		C		7.56Y	126.0	0.00	-0.00	27.52	0	204	41	98					0	0	0	26
PL.40909	PD.7288-B	A	6ACWC	7.54Y	125.7	0.32	0.32	72.06	38	535	105	98	2.31	0.2	3.079	0.096	0	0	0	78
		B		7.55Y	125.8	0.23	0.23	69.05	36	513	97	98					0	0	0	73
		C		7.56Y	125.9	0.08	0.08	27.52	14	204	41	98					0	0	0	26
PL.41717	PL.40909	C	4ACSR	7.56Y	125.9	0.00	0.08	1.84	1	14	2	99	0.00	0.0	3.085	0.006	0	0	0	1
PD.7504	PL.41717	C	fuse6AMP	7.56Y	125.9	0.00	0.08	1.84	31	14	2	99	0.00	0.0	3.085	0.000	0	0	0	1

Unbalanced Voltage Drop Report
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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.41718, 459317, 459321, etc.

Unbalanced Voltage Drop Report
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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.9476, PL.41721, PD.7505, etc.

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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.9471, PL.19583, PL.19584, PL.41760, PD.7510, PL.41761, PL.2913, 457343, 457320, PL.9470, RG.16, OH48, 457334, 457317, 457322, 457319, PL.7037, PL.15561, PL.15562, PL.9468, PL.9469, 456360, PL.9745, PL.16891, PD.1061, PL.16892, 456354, 456363, PL.9746.

Unbalanced Voltage Drop Report
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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.9747, PL.16885, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
PL.13606	PL.13605	B	4ACSR	7.43Y	123.8	0.02	2.23	2.21	1	16	3	98	0.01	0.0	6.233	0.158	0	0	0	3
		C		7.57Y	126.2	0.02	-0.18	3.10	2	23	4	99					0	0	0	4
PL.40282	PL.13606	C	4ACSR	7.57Y	126.2	0.00	-0.18	1.21	1	9	1	99	0.00	0.0	6.236	0.003	0	0	0	1
PD.7134	PL.40282	C	fuse6AMP	7.57Y	126.2	0.00	-0.18	1.21	21	9	1	99	0.00	0.0	6.236	0.000	0	0	0	1
PL.40283	PD.7134	C	4ACSR	7.57Y	126.2	0.01	-0.18	1.21	1	9	1	99	0.00	0.0	6.333	0.097	0	0	0	1
456216	PL.40283	C	Consumer	7.57Y	126.2	0.00	-0.18	0.00	0	0	0	100	0.00	0.0	6.333	0.000	0	0	0	0
456224	PL.40283	C	Consumer	7.57Y	126.2	0.00	-0.18	1.21	0	9	1	99	0.00	0.0	6.333	0.000	9	1	1	1
PL.13607	PL.13606	B	4ACSR	7.43Y	123.8	0.02	2.24	2.21	1	16	3	98	0.00	0.0	6.419	0.186	0	0	0	3
		C		7.57Y	126.2	0.01	-0.17	1.89	1	14	2	99					0	0	0	3
PL.41767	PL.13607	B	4ACSR	7.43Y	123.8	0.00	2.24	1.11	1	8	1	99	0.00	0.0	6.423	0.004	0	0	0	1
PD.7512	PL.41767	B	fuse6AMP	7.43Y	123.8	0.00	2.24	1.11	19	8	1	99	0.00	0.0	6.423	0.000	0	0	0	1
PL.41768	PD.7512	B	4ACSR	7.43Y	123.8	0.00	2.25	1.11	1	8	1	99	0.00	0.0	6.488	0.065	0	0	0	1
456231	PL.41768	B	Consumer	7.43Y	123.8	0.00	2.25	1.11	0	8	1	99	0.00	0.0	6.488	0.000	8	1	1	1
PL.21236	PL.13607	B	4ACSR	7.43Y	123.8	0.00	2.25	0.00	0	0	0	100	0.00	0.0	6.460	0.041	0	0	0	0
		C		7.57Y	126.2	0.00	-0.17	1.89	1	14	2	99					0	0	0	3
456223	PL.21236	C	Consumer	7.57Y	126.2	0.00	-0.17	1.00	0	7	1	99	0.00	0.0	6.460	0.000	7	1	1	1
PL.22595	PL.21236	B	4ACSR	7.43Y	123.8	0.00	2.25	0.00	0	0	0	100	0.00	0.0	6.501	0.041	0	0	0	0
		C		7.57Y	126.2	0.00	-0.17	0.89	0	7	1	99					0	0	0	2
456232	PL.22595	C	Consumer	7.57Y	126.2	0.00	-0.17	0.76	0	6	1	99	0.00	0.0	6.501	0.000	6	1	1	1
456240	PL.22595	C	Consumer	7.57Y	126.2	0.00	-0.17	0.12	0	1	0	100	0.00	0.0	6.501	0.000	1	0	1	1
PL.40889	PL.22595	B	4ACSR	7.43Y	123.8	0.00	2.25	0.00	0	0	0	100	0.00	0.0	6.548	0.047	0	0	0	0
		C		7.57Y	126.2	0.00	-0.17	0.00	0	0	0	100					0	0	0	0
PD.7276-B	PL.40889	B	Open	7.43Y	123.8	0.00	2.25	0.00	0	0	0	100	0.00	0.0	6.548	0.000	0	0	0	0
		C		7.57Y	126.2	0.00	-0.17	0.00	0	0	0	100					0	0	0	0
456230	PL.13607	B	Consumer	7.43Y	123.8	0.00	2.24	1.10	0	8	1	99	0.00	0.0	6.419	0.000	8	1	1	1
456203	PL.13607	B	Consumer	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	6.419	0.000	0	0	1	1
PL.7018	PL.9751	C	4ACSR	7.57Y	126.2	0.00	-0.20	0.00	0	0	0	100	0.00	0.0	5.955	0.001	0	0	0	0
PL.28657	PL.7018	C	4ACSR	7.57Y	126.2	0.00	-0.20	0.00	0	0	0	100	0.00	0.0	6.022	0.067	0	0	0	0
456208	PL.28657	C	Consumer	7.57Y	126.2	0.00	-0.20	0.00	0	0	0	100	0.00	0.0	6.022	0.000	0	0	0	0
PL.32789	PL.28657	C	4ACSR	7.57Y	126.2	0.00	-0.20	0.00	0	0	0	100	0.00	0.0	6.076	0.054	0	0	0	0
PL.13603	PL.9751	B	4ACSR	7.43Y	123.8	0.01	2.18	38.93	20	285	48	99	0.03	0.0	5.962	0.008	0	0	0	43
PD.3525	PL.13603	B	50L	7.43Y	123.8	0.00	2.18	38.93	78	285	48	99	0.00	0.0	5.962	0.000	0	0	0	43
PL.13604	PD.3525	B	4ACSR	7.43Y	123.8	0.05	2.23	38.93	20	285	48	99	0.12	0.0	5.994	0.032	0	0	0	43
PL.41040	PL.13604	B	4ACSR	7.43Y	123.8	0.00	2.23	0.60	0	4	1	97	0.00	0.0	5.998	0.004	0	0	0	1
PD.7334	PL.41040	B	fuse6AMP	7.43Y	123.8	0.00	2.23	0.60	10	4	1	97	0.00	0.0	5.998	0.000	0	0	0	1
PL.41041	PD.7334	B	4ACSR	7.43Y	123.8	0.00	2.23	0.60	0	4	1	97	0.00	0.0	6.032	0.034	0	0	0	1
456239	PL.41041	B	Consumer	7.43Y	123.8	0.00	2.23	0.60	0	4	1	97	0.00	0.0	6.032	0.000	4	1	1	1
PL.9753	PL.13604	B	4ACSR	7.42Y	123.6	0.16	2.39	38.33	20	281	47	99	0.34	0.1	6.090	0.096	0	0	0	42
PL.9754	PL.9753	B	4ACSR	7.41Y	123.5	0.08	2.47	36.56	19	267	45	99	0.16	0.1	6.139	0.049	0	0	0	40
PL.41042	PL.9754	B	4ACSR	7.41Y	123.5	0.00	2.47	1.72	1	13	2	99	0.00	0.0	6.143	0.004	0	0	0	1
PD.7335	PL.41042	B	fuse6AMP	7.41Y	123.5	0.00	2.47	1.72	29	13	2	99	0.00	0.0	6.143	0.000	0	0	0	1

Unbalanced Voltage Drop Report
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' with a base voltage of 120.0.

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.7345	PL.41063	B	fuse6AMP	7.37Y	122.9	0.00	3.09	1.57	27	11	2	98	0.00	0.0	6.786	0.000	0	0	0	1
PL.41064	PD.7345	B	4ACSR	7.37Y	122.9	0.00	3.09	1.57	1	11	2	98	0.00	0.0	6.839	0.053	0	0	0	1
457222	PL.41064	B	Consumer	7.37Y	122.9	0.00	3.09	1.57	0	11	2	98	0.00	0.0	6.839	0.000	11	2	1	1
457209	PL.9649	B	Consumer	7.37Y	122.9	0.00	3.09	0.06	0	0	0	100	0.00	0.0	6.777	0.000	0	0	1	1
457213	PL.9649	B	Consumer	7.37Y	122.9	0.00	3.09	0.57	0	4	1	97	0.00	0.0	6.777	0.000	4	1	1	1
PL.9650	PL.9649	B	4ACSR	7.37Y	122.9	0.02	3.11	8.04	4	58	11	98	0.01	0.0	6.842	0.065	0	0	0	16
PL.19419	PL.9650	B	4ACSR	7.37Y	122.9	0.01	3.12	7.95	4	58	10	99	0.00	0.0	6.864	0.022	0	0	0	15
4572026	PL.19419	B	Consumer	7.37Y	122.9	0.00	3.12	0.68	0	5	1	98	0.00	0.0	6.864	0.000	5	1	1	1
457204	PL.19419	B	Consumer	7.37Y	122.9	0.00	3.12	0.11	0	1	0	100	0.00	0.0	6.864	0.000	1	0	1	1
457219	PL.19419	B	Consumer	7.37Y	122.9	0.00	3.12	0.76	0	6	1	99	0.00	0.0	6.864	0.000	6	1	1	1
PL.45427	PL.19419	B	2ACSR	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	6.905	0.041	0	0	0	0
4572028	PL.45427	B	Consumer	7.37Y	122.9	0.00	3.12	0.00	0	0	0	100	0.00	0.0	6.905	0.000	0	0	0	0
PL.19420	PL.19419	B	4ACSR	7.37Y	122.9	0.02	3.13	6.39	3	46	9	98	0.01	0.0	6.919	0.055	0	0	0	12
PL.19241	PL.19420	B	4ACSR	7.37Y	122.9	0.01	3.14	6.12	3	44	8	98	0.00	0.0	6.938	0.019	0	0	0	11
PL.9652	PL.19241	B	4ACSR	7.37Y	122.9	0.00	3.14	5.96	3	43	8	98	0.00	0.0	6.948	0.010	0	0	0	10
PD.7346-A	PL.9652	B	Closed	7.37Y	122.9	0.00	3.14	5.96	0	43	8	98	0.00	0.0	6.948	0.000	0	0	0	10
PD.7346-B	PD.7346-A	B	Closed	7.37Y	122.9	0.00	3.14	5.96	0	43	8	98	0.00	0.0	6.948	0.000	0	0	0	10
PL.9651	PD.7346-B	B	4ACSR	7.37Y	122.9	0.01	3.15	5.96	3	43	8	98	0.00	0.0	6.977	0.030	0	0	0	10
PL.41067	PL.9651	B	4ACSR	7.37Y	122.9	0.00	3.15	2.73	1	20	3	99	0.00	0.0	6.984	0.007	0	0	0	3
PD.7348	PL.41067	B	fuse6AMP	7.37Y	122.9	0.00	3.15	2.73	47	20	3	99	0.00	0.0	6.984	0.000	0	0	0	3
PL.41068	PD.7348	B	4ACSR	7.37Y	122.8	0.01	3.16	2.73	1	20	3	99	0.00	0.0	7.074	0.090	0	0	0	3
PL.28571	PL.41068	B	4ACSR	7.37Y	122.8	0.01	3.17	2.73	1	20	3	99	0.00	0.0	7.130	0.056	0	0	0	3
PL.28573	PL.28571	B	4ACSR	7.37Y	122.8	0.00	3.17	2.73	1	20	3	99	0.00	0.0	7.154	0.025	0	0	0	3
PL.22189	PL.28573	B	4ACSR	7.37Y	122.8	0.00	3.17	2.73	1	20	3	99	0.00	0.0	7.183	0.029	0	0	0	3
PL.6549	PL.22189	B	4ACSR	7.37Y	122.8	0.02	3.19	1.88	1	14	2	99	0.00	0.0	7.446	0.263	0	0	0	2
PL.6550	PL.6549	B	4ACSR	7.37Y	122.8	0.01	3.20	1.75	1	13	2	99	0.00	0.0	7.525	0.079	0	0	0	1
446913	PL.6550	B	Consumer	7.37Y	122.8	0.00	3.20	1.75	0	13	2	99	0.00	0.0	7.525	0.000	13	2	1	1
446914	PL.6549	B	Consumer	7.37Y	122.8	0.00	3.19	0.12	0	1	0	100	0.00	0.0	7.446	0.000	1	0	1	1
PL.9654	PL.22189	B	4ACSR	7.37Y	122.8	0.00	3.17	0.85	0	6	1	99	0.00	0.0	7.236	0.053	0	0	0	1
446910	PL.9654	B	Consumer	7.37Y	122.8	0.00	3.17	0.85	0	6	1	99	0.00	0.0	7.236	0.000	6	1	1	1
PL.41065	PL.9651	B	4ACSR	7.37Y	122.9	0.00	3.15	1.71	1	12	2	99	0.00	0.0	6.984	0.007	0	0	0	1
PD.7347	PL.41065	B	fuse6AMP	7.37Y	122.9	0.00	3.15	1.71	29	12	2	99	0.00	0.0	6.984	0.000	0	0	0	1
PL.41066	PD.7347	B	4ACSR	7.37Y	122.8	0.00	3.15	1.71	1	12	2	99	0.00	0.0	7.046	0.062	0	0	0	1
447916	PL.41066	B	Consumer	7.37Y	122.8	0.00	3.15	1.71	0	12	2	99	0.00	0.0	7.046	0.000	12	2	1	1
PL.22188	PL.9651	B	4ACSR	7.37Y	122.9	0.00	3.15	1.52	1	11	2	98	0.00	0.0	7.009	0.031	0	0	0	6
PL.21829	PL.22188	B	4ACSR	7.37Y	122.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	7.029	0.021	0	0	0	0
PL.41069	PL.21829	B	4ACSR	7.37Y	122.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	7.670	0.640	0	0	0	0
PD.379-A	PL.41069	B	Open	7.37Y	122.9	0.00	3.15	0.00	0	0	0	100	0.00	0.0	7.670	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.29628	PL.22188	B	4ACSR	7.37Y	122.8	0.00	3.15	1.52	1	11	2	98	0.00	0.0	7.024	0.016	0	0	0	6
PD.7349	PL.29628	B	fuse6AMP	7.37Y	122.8	0.00	3.15	1.52	26	11	2	98	0.00	0.0	7.024	0.000	0	0	0	6
PL.21444	PD.7349	B	4ACSR	7.37Y	122.8	0.00	3.15	1.52	1	11	2	98	0.00	0.0	7.070	0.046	0	0	0	6
447904	PL.21444	B	Consumer	7.37Y	122.8	0.00	3.15	0.04	0	0	0	100	0.00	0.0	7.070	0.000	0	0	1	1
PL.21445	PL.21444	B	4ACSR	7.37Y	122.8	0.02	3.17	1.48	1	11	2	98	0.00	0.0	7.352	0.282	0	0	0	5
PL.23321	PL.21445	B	4ACSR	7.37Y	122.8	0.00	3.18	0.80	0	6	2	95	0.00	0.0	7.429	0.077	0	0	0	3
PL.22535	PL.23321	B	4ACSR	7.37Y	122.8	0.00	3.18	0.80	0	6	2	95	0.00	0.0	7.485	0.056	0	0	0	3
PL.24025	PL.22535	B	4ACSR	7.37Y	122.8	0.02	3.19	0.80	0	6	2	95	0.00	0.0	7.904	0.419	0	0	0	3
PL.24026	PL.24025	B	4ACSR	7.37Y	122.8	0.00	3.20	0.80	0	6	2	95	0.00	0.0	8.033	0.129	0	0	0	3
PL.32989	PL.24026	B	1/0EPRJCN	7.37Y	122.8	0.00	3.20	0.50	0	3	1	95	0.00	0.0	8.073	0.040	0	0	0	2
4469017	PL.32989	B	Consumer	7.37Y	122.8	0.00	3.20	0.40	0	3	1	95	0.00	0.0	8.073	0.000	3	1	1	1
4469015	PL.32989	B	Consumer	7.37Y	122.8	0.00	3.20	0.11	0	1	0	100	0.00	0.0	8.073	0.000	1	0	1	1
446905	PL.24026	B	Consumer	7.37Y	122.8	0.00	3.20	0.30	0	2	0	100	0.00	0.0	8.033	0.000	2	0	1	1
447910	PL.21445	B	Consumer	7.37Y	122.8	0.00	3.17	0.64	0	5	1	98	0.00	0.0	7.352	0.000	5	1	1	1
447914	PL.21445	B	Consumer	7.37Y	122.8	0.00	3.17	0.05	0	0	0	100	0.00	0.0	7.352	0.000	0	0	1	1
PL.28574	PL.21444	B	4ACSR	7.37Y	122.8	0.00	3.15	0.00	0	0	0	100	0.00	0.0	7.107	0.037	0	0	0	0
PL.9653	PD.7346-B	B	4ACSR	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	6.952	0.005	0	0	0	0
457220	PL.19241	B	Consumer	7.37Y	122.9	0.00	3.14	0.17	0	1	1	71	0.00	0.0	6.938	0.000	1	1	1	1
457210	PL.19420	B	Consumer	7.37Y	122.9	0.00	3.13	0.27	0	2	0	100	0.00	0.0	6.919	0.000	2	0	1	1
457216	PL.9650	B	Consumer	7.37Y	122.9	0.00	3.11	0.09	0	1	0	100	0.00	0.0	6.842	0.000	1	0	1	1
457201	PL.9763	B	Consumer	7.38Y	123.0	0.00	3.05	2.60	0	19	3	99	0.00	0.0	6.695	0.000	19	3	1	1
PL.41057	PL.9763	B	4ACSR	7.38Y	122.9	0.00	3.05	2.23	1	16	3	98	0.00	0.0	6.702	0.007	0	0	0	2
PD.7342	PL.41057	B	fuse6AMP	7.38Y	122.9	0.00	3.05	2.23	38	16	3	98	0.00	0.0	6.702	0.000	0	0	0	2
PL.41058	PD.7342	B	4ACSR	7.38Y	122.9	0.00	3.05	2.23	1	16	3	98	0.00	0.0	6.741	0.039	0	0	0	2
457206	PL.41058	B	Consumer	7.38Y	122.9	0.00	3.05	2.23	0	16	3	98	0.00	0.0	6.741	0.000	16	3	1	1
PL.23603	PL.41058	B	4ACSR	7.38Y	122.9	0.00	3.05	0.00	0	0	0	100	0.00	0.0	6.786	0.045	0	0	0	1
457224	PL.23603	B	Consumer	7.38Y	122.9	0.00	3.05	0.00	0	0	0	100	0.00	0.0	6.786	0.000	0	0	1	1
PL.41053	PL.9761	B	4ACSR	7.39Y	123.1	0.00	2.85	2.37	1	17	3	98	0.00	0.0	6.445	0.003	0	0	0	2
PD.7340	PL.41053	B	fuse6AMP	7.39Y	123.1	0.00	2.85	2.37	40	17	3	98	0.00	0.0	6.445	0.000	0	0	0	2
PL.41054	PD.7340	B	4ACSR	7.39Y	123.1	0.00	2.85	2.37	1	17	3	98	0.00	0.0	6.450	0.005	0	0	0	2
PL.41050	PL.41054	B	4ACSR	7.39Y	123.1	0.01	2.86	2.37	1	17	3	98	0.00	0.0	6.499	0.049	0	0	0	2
456226	PL.41050	B	Consumer	7.39Y	123.1	0.00	2.86	2.33	0	17	3	98	0.00	0.0	6.499	0.000	17	3	1	1
456259	PL.41050	B	Consumer	7.39Y	123.1	0.00	2.86	0.04	0	0	0	100	0.00	0.0	6.499	0.000	0	0	1	1
PL.41044	PL.9756	B	4ACSR	7.40Y	123.4	0.00	2.65	0.51	0	4	1	97	0.00	0.0	6.279	0.006	0	0	0	2
PD.7336	PL.41044	B	fuse6AMP	7.40Y	123.4	0.00	2.65	0.51	9	4	1	97	0.00	0.0	6.279	0.000	0	0	0	2
PL.41045	PD.7336	B	4ACSR	7.40Y	123.4	0.00	2.65	0.51	0	4	1	97	0.00	0.0	6.439	0.160	0	0	0	2
456229	PL.41045	B	Consumer	7.40Y	123.4	0.00	2.65	0.47	0	3	1	95	0.00	0.0	6.439	0.000	3	1	1	1
4562062	PL.41045	B	Consumer	7.40Y	123.4	0.00	2.65	0.03	0	0	0	100	0.00	0.0	6.439	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 456202, 4562066, 456250, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
PL.9472	PL.41731	C	4ACSR	7.51Y	125.2	0.00	0.77	0.77	0	6	1	99	0.00	0.0	4.555	0.068	0	0	0	2
457315	PL.9472	C	Consumer	7.51Y	125.2	0.00	0.77	0.49	0	4	1	97	0.00	0.0	4.555	0.000	4	1	1	1
457313	PL.9472	C	Consumer	7.51Y	125.2	0.00	0.77	0.28	0	2	0	100	0.00	0.0	4.555	0.000	2	0	1	1
PL.9473	PL.9472	C	4ACSR	7.51Y	125.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	4.592	0.037	0	0	0	0
PL.2909	PL.9473	C	4ACSR	7.51Y	125.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	4.681	0.089	0	0	0	0
4573047	PL.41731	C	Consumer	7.51Y	125.2	0.00	0.77	0.00	0	0	0	100	0.00	0.0	4.488	0.000	0	0	0	0
457311	PL.41731	C	Consumer	7.51Y	125.2	0.00	0.77	0.06	0	0	0	100	0.00	0.0	4.488	0.000	0	0	1	1
PL.20017	PL.40893	A	4ACSR	7.35Y	122.5	0.01	3.52	21.17	11	152	35	97	0.01	0.0	4.207	0.005	0	0	0	18
PD.3528	PL.20017	A	35V4E	7.35Y	122.5	0.00	3.52	21.17	60	152	35	97	0.00	0.0	4.207	0.000	0	0	0	18
PL.20018	PD.3528	A	4ACSR	7.35Y	122.5	0.02	3.54	21.17	11	152	35	97	0.03	0.0	4.232	0.025	0	0	0	18
PL.43910	PL.20018	A	4ACSR	7.35Y	122.4	0.01	3.56	21.17	11	152	35	97	0.02	0.0	4.246	0.014	0	0	0	18
4573046	PL.43910	A	Consumer	7.35Y	122.4	0.00	3.56	0.00	0	0	0	100	0.00	0.0	4.246	0.000	0	0	0	0
PL.43911	PL.43910	A	4ACSR	7.34Y	122.3	0.11	3.67	21.17	11	152	35	97	0.13	0.1	4.363	0.117	0	0	0	18
PL.7043	PL.43911	A	4ACSR	7.34Y	122.3	0.04	3.71	18.84	10	135	32	97	0.04	0.0	4.415	0.052	0	0	0	17
457336	PL.7043	A	Consumer	7.34Y	122.3	0.00	3.71	2.55	0	18	3	99	0.00	0.0	4.415	0.000	18	3	1	1
PL.6794	PL.7043	A	4ACSR	7.34Y	122.3	0.03	3.74	16.30	8	116	29	97	0.02	0.0	4.452	0.037	0	0	0	16
PL.29008	PL.6794	A	4ACSR	7.33Y	122.1	0.14	3.88	15.27	8	108	28	97	0.11	0.1	4.657	0.205	0	0	0	15
457325	PL.29008	A	Consumer	7.33Y	122.1	0.00	3.88	0.21	0	2	0	100	0.00	0.0	4.657	0.000	2	0	1	1
PL.29017	PL.29008	A	4ACSR	7.32Y	122.1	0.05	3.92	15.06	8	107	28	97	0.04	0.0	4.725	0.068	0	0	0	14
PL.45134	PL.29017	A	4ACSR	7.32Y	122.0	0.05	3.97	15.06	8	107	28	97	0.04	0.0	4.800	0.075	0	0	0	14
PL.45135	PL.45134	A	4ACSR	7.32Y	122.0	0.06	4.04	15.06	8	107	28	97	0.05	0.0	4.896	0.095	0	0	0	14
457323	PL.45135	A	Consumer	7.32Y	122.0	0.00	4.04	1.32	0	10	2	98	0.00	0.0	4.896	0.000	10	2	1	1
PL.29006	PL.45135	A	4ACSR	7.32Y	121.9	0.04	4.07	13.74	7	97	26	97	0.03	0.0	4.953	0.057	0	0	0	13
PL.40894	PL.29006	A	4ACSR	7.32Y	121.9	0.01	4.08	8.76	5	61	20	95	0.00	0.0	4.969	0.016	0	0	0	9
PD.7280-A	PL.40894	A	Closed	7.32Y	121.9	0.00	4.08	8.76	0	61	20	95	0.00	0.0	4.969	0.000	0	0	0	9
PD.7280-B	PD.7280-A	A	Closed	7.32Y	121.9	0.00	4.08	8.76	0	61	20	95	0.00	0.0	4.969	0.000	0	0	0	9
PL.40895	PD.7280-B	A	4ACSR	7.31Y	121.9	0.04	4.11	8.76	5	61	20	95	0.02	0.0	5.061	0.092	0	0	0	9
PL.29026	PL.40895	A	4ACSR	7.31Y	121.9	0.02	4.13	4.94	3	33	15	91	0.00	0.0	5.133	0.072	0	0	0	7
PL.29176	PL.29026	A	4ACSR	7.31Y	121.9	0.00	4.13	0.14	0	1	0	100	0.00	0.0	5.191	0.058	0	0	0	2
4573045	PL.29176	A	Consumer	7.31Y	121.9	0.00	4.13	0.10	0	1	0	100	0.00	0.0	5.191	0.000	1	0	1	1
457340	PL.29176	A	Consumer	7.31Y	121.9	0.00	4.13	0.04	0	0	0	100	0.00	0.0	5.191	0.000	0	0	1	1
PL.29027	PL.29026	A	4ACSR	7.31Y	121.9	0.02	4.15	4.81	2	32	15	91	0.00	0.0	5.216	0.083	0	0	0	5
PL.29198	PL.29027	A	4ACSR	7.31Y	121.8	0.01	4.16	4.77	2	31	15	90	0.00	0.0	5.249	0.033	0	0	0	4
PL.29009	PL.29198	A	4ACSR	7.31Y	121.8	0.01	4.16	3.00	2	20	10	89	0.00	0.0	5.305	0.056	0	0	0	3
PL.29028	PL.29009	A	4ACSR	7.31Y	121.8	0.00	4.17	3.00	2	20	10	89	0.00	0.0	5.318	0.013	0	0	0	2
PL.36568	PL.29028	A	4ACSR	7.31Y	121.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	5.375	0.057	0	0	0	1
4573044	PL.36568	A	Consumer	7.31Y	121.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	5.375	0.000	0	0	0	0
PL.36569	PL.36568	A	4ACSR	7.31Y	121.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	5.417	0.042	0	0	0	1

Unbalanced Voltage Drop Report
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Title:
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes a sub-header 'Units Displayed In Volts -Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							-Base Voltage:120.0- Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.33214	PL.7029	A	4ACSR	7.28Y	121.3	0.00	4.65	0.81	0	6	1	99	0.00	0.0	4.873	0.046	0	0	0	1
4583061	PL.33214	A	Consumer	7.28Y	121.3	0.00	4.65	0.81	0	6	1	99	0.00	0.0	4.873	0.000	6	1	1	1
PL.8607	PL.7029	A	4ACSR	7.28Y	121.3	0.02	4.68	5.20	3	37	6	99	0.01	0.0	4.938	0.111	0	0	0	8
PL.40896	PL.8607	A	4ACSR	7.28Y	121.3	0.00	4.68	0.24	0	2	0	100	0.00	0.0	4.943	0.005	0	0	0	1
PD.7281	PL.40896	A	fuse6AMP	7.28Y	121.3	0.00	4.68	0.24	4	2	0	100	0.00	0.0	4.943	0.000	0	0	0	1
PL.40897	PD.7281	A	4ACSR	7.28Y	121.3	0.00	4.68	0.24	0	2	0	100	0.00	0.0	5.001	0.058	0	0	0	1
458203	PL.40897	A	Consumer	7.28Y	121.3	0.00	4.68	0.24	0	2	0	100	0.00	0.0	5.001	0.000	2	0	1	1
PL.27855	PL.8607	A	4ACSR	7.28Y	121.3	0.02	4.70	4.96	3	36	6	99	0.01	0.0	5.048	0.110	0	0	0	7
458204	PL.27855	A	Consumer	7.28Y	121.3	0.00	4.70	0.26	0	2	0	100	0.00	0.0	5.048	0.000	2	0	1	1
PL.27856	PL.27855	A	4ACSR	7.28Y	121.3	0.03	4.73	4.70	2	34	6	98	0.01	0.0	5.189	0.140	0	0	0	6
PL.7031	PL.27856	A	4ACSR	7.28Y	121.3	0.02	4.75	3.23	2	23	4	99	0.00	0.0	5.333	0.145	0	0	0	5
PL.40898	PL.7031	A	4ACSR	7.27Y	121.2	0.00	4.75	1.80	1	13	2	99	0.00	0.0	5.397	0.064	0	0	0	4
PL.40899	PL.40898	A	4ACSR	7.27Y	121.2	0.00	4.75	1.80	1	13	2	99	0.00	0.0	5.407	0.009	0	0	0	4
PL.7035	PL.40899	A	4ACSR	7.27Y	121.2	0.01	4.76	1.22	1	9	1	99	0.00	0.0	5.519	0.112	0	0	0	3
PL.40900	PL.7035	A	4ACSR	7.27Y	121.2	0.00	4.76	1.18	1	8	1	99	0.00	0.0	5.584	0.065	0	0	0	2
PD.7284	PL.40900	A	fuse6AMP	7.27Y	121.2	0.00	4.76	1.18	20	8	1	99	0.00	0.0	5.584	0.000	0	0	0	2
PL.40901	PD.7284	A	4ACSR	7.27Y	121.2	0.04	4.81	1.18	1	8	1	99	0.00	0.0	6.464	0.880	0	0	0	2
457212	PL.40901	A	Consumer	7.27Y	121.2	0.00	4.81	0.00	0	0	0	100	0.00	0.0	6.464	0.000	0	0	1	1
457225	PL.40901	A	Consumer	7.27Y	121.2	0.00	4.81	1.18	0	8	1	99	0.00	0.0	6.464	0.000	8	1	1	1
458201	PL.7035	A	Consumer	7.27Y	121.2	0.00	4.76	0.04	0	0	0	100	0.00	0.0	5.519	0.000	0	0	1	1
458206	PL.40899	A	Consumer	7.27Y	121.2	0.00	4.75	0.58	0	4	1	97	0.00	0.0	5.407	0.000	4	1	1	1
458205	PL.7031	A	Consumer	7.28Y	121.3	0.00	4.75	1.43	0	10	2	98	0.00	0.0	5.333	0.000	10	2	1	1
458207	PL.27856	A	Consumer	7.28Y	121.3	0.00	4.73	0.00	0	0	0	100	0.00	0.0	5.189	0.000	0	0	0	0
458202	PL.27856	A	Consumer	7.28Y	121.3	0.00	4.73	1.47	0	11	2	98	0.00	0.0	5.189	0.000	11	2	1	1
458302	PL.7029	A	Consumer	7.28Y	121.3	0.00	4.65	0.95	0	7	1	99	0.00	0.0	4.827	0.000	7	1	1	1
458339	PL.7029	A	Consumer	7.28Y	121.3	0.00	4.65	0.43	0	3	0	100	0.00	0.0	4.827	0.000	3	0	1	1
PL.40902	PL.40905	A	4ACSR	7.28Y	121.4	0.01	4.60	34.88	18	251	42	99	0.02	0.0	4.656	0.005	0	0	0	39
C PD.7285	PL.40902	A	fuse6AMP	7.28Y	121.4	0.00	4.60	34.88	596	251	42	99	0.00	0.0	4.656	0.000	0	0	0	39 C
PL.40903	PD.7285	A	4ACSR	7.27Y	121.1	0.31	4.92	34.88	18	251	42	99	0.60	0.2	4.863	0.207	0	0	0	39
458303	PL.40903	A	Consumer	7.27Y	121.1	0.00	4.92	1.15	0	8	1	99	0.00	0.0	4.863	0.000	8	1	1	1
PL.41004	PL.40903	A	4ACSR	7.26Y	121.1	0.00	4.92	1.60	1	11	2	98	0.00	0.0	4.872	0.009	0	0	0	2
PD.7316	PL.41004	A	fuse6AMP	7.26Y	121.1	0.00	4.92	1.60	27	11	2	98	0.00	0.0	4.872	0.000	0	0	0	2
PL.41005	PD.7316	A	4ACSR	7.26Y	121.1	0.01	4.92	1.60	1	11	2	98	0.00	0.0	4.968	0.096	0	0	0	2
458333	PL.41005	A	Consumer	7.26Y	121.1	0.00	4.92	0.93	0	7	1	99	0.00	0.0	4.968	0.000	7	1	1	1
458332	PL.41005	A	Consumer	7.26Y	121.1	0.00	4.92	0.67	0	5	1	98	0.00	0.0	4.968	0.000	5	1	1	1
PL.7026	PL.40903	A	4ACSR	7.26Y	121.0	0.10	5.02	32.12	17	230	38	99	0.18	0.1	4.938	0.075	0	0	0	36
PL.7027	PL.7026	A	4ACSR	7.25Y	120.9	0.08	5.10	32.12	17	230	38	99	0.14	0.1	4.994	0.056	0	0	0	36
458304	PL.7027	A	Consumer	7.25Y	120.9	0.00	5.10	0.35	0	2	0	100	0.00	0.0	4.994	0.000	2	0	1	1

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts						mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss							% Loss	
PL.36668	PL.7027	A	4ACSR	7.24Y	120.7	0.17	5.27	31.78	16	227	38	99	0.30	0.1	5.119	0.125	0	0	0	35
PL.36669	PL.36668	A	4ACSR	7.24Y	120.7	0.06	5.33	30.53	16	218	36	99	0.10	0.0	5.162	0.043	0	0	0	34
PL.33979	PL.36669	A	4ACSR	7.24Y	120.6	0.05	5.38	30.53	16	218	36	99	0.08	0.0	5.199	0.037	0	0	0	34
PL.19898	PL.33979	A	4ACSR	7.22Y	120.4	0.23	5.60	29.85	15	213	35	99	0.38	0.2	5.376	0.177	0	0	0	32
459205	PL.19898	A	Consumer	7.22Y	120.4	0.00	5.60	0.74	0	5	1	98	0.00	0.0	5.376	0.000	5	1	1	1
PL.40906	PL.19898	A	4ACSR	7.21Y	120.1	0.29	5.90	29.11	15	208	34	99	0.47	0.2	5.609	0.234	0	0	0	31
C PD.7287	PL.40906	A	25L	7.21Y	120.1	0.00	5.90	29.11	116	207	34	99	0.00	0.0	5.609	0.000	0	0	0	31 C
PL.40907	PD.7287	A	4ACSR	7.21Y	120.1	0.01	5.91	29.11	15	207	34	99	0.02	0.0	5.619	0.010	0	0	0	31
PL.40910	PL.40907	A	4ACSR	7.21Y	120.1	0.00	5.91	0.72	0	5	1	98	0.00	0.0	5.629	0.010	0	0	0	1
PD.7289	PL.40910	A	fuse6AMP	7.21Y	120.1	0.00	5.91	0.72	12	5	1	98	0.00	0.0	5.629	0.000	0	0	0	1
PL.40911	PD.7289	A	4ACSR	7.21Y	120.1	0.00	5.91	0.72	0	5	1	98	0.00	0.0	5.722	0.092	0	0	0	1
459224	PL.40911	A	Consumer	7.21Y	120.1	0.00	5.91	0.72	0	5	1	98	0.00	0.0	5.722	0.000	5	1	1	1
459221	PL.40907	A	Consumer	7.21Y	120.1	0.00	5.91	0.74	0	5	1	98	0.00	0.0	5.619	0.000	5	1	1	1
459223	PL.40907	A	Consumer	7.21Y	120.1	0.00	5.91	1.35	0	10	2	98	0.00	0.0	5.619	0.000	10	2	1	1
PL.28557	PL.40907	A	4ACSR	7.20Y	120.1	0.02	5.93	26.30	14	187	31	99	0.03	0.0	5.637	0.018	0	0	0	28
PL.21530	PL.28557	A	4ACSR	7.20Y	120.0	0.07	6.00	26.30	14	187	31	99	0.10	0.1	5.697	0.060	0	0	0	28
PL.21531	PL.21530	A	4ACSR	7.20Y	119.9	0.06	6.06	22.39	12	159	26	99	0.07	0.0	5.756	0.059	0	0	0	25
PL.28558	PL.21531	A	4ACSR	7.19Y	119.9	0.05	6.11	22.39	12	159	26	99	0.06	0.0	5.809	0.053	0	0	0	25
PL.41010	PL.28558	A	4ACSR	7.19Y	119.9	0.00	6.11	1.95	1	14	2	99	0.00	0.0	5.816	0.007	0	0	0	2
PD.7319	PL.41010	A	fuse6AMP	7.19Y	119.9	0.00	6.11	1.95	33	14	2	99	0.00	0.0	5.816	0.000	0	0	0	2
PL.41011	PD.7319	A	4ACSR	7.19Y	119.9	0.01	6.11	1.95	1	14	2	99	0.00	0.0	5.896	0.079	0	0	0	2
PL.28560	PL.41011	A	4ACSR	7.19Y	119.9	0.01	6.12	1.95	1	14	2	99	0.00	0.0	5.960	0.064	0	0	0	2
PL.22598	PL.28560	A	4ACSR	7.19Y	119.9	0.00	6.12	0.99	1	7	1	99	0.00	0.0	6.005	0.045	0	0	0	1
459211	PL.22598	A	Consumer	7.19Y	119.9	0.00	6.12	0.99	0	7	1	99	0.00	0.0	6.005	0.000	7	1	1	1
PL.22599	PL.22598	A	4ACSR	7.19Y	119.9	0.00	6.12	0.00	0	0	0	100	0.00	0.0	6.010	0.005	0	0	0	0
PL.28561	PL.28560	A	4ACSR	7.19Y	119.9	0.00	6.12	0.96	0	7	1	99	0.00	0.0	6.022	0.062	0	0	0	1
PL.23591	PL.28561	A	4ACSR	7.19Y	119.9	0.00	6.12	0.00	0	0	0	100	0.00	0.0	6.120	0.098	0	0	0	0
PL.23589	PL.28561	A	4ACSR	7.19Y	119.9	0.00	6.13	0.96	0	7	1	99	0.00	0.0	6.132	0.110	0	0	0	1
PL.23590	PL.23589	A	4ACSR	7.19Y	119.9	0.00	6.13	0.96	0	7	1	99	0.00	0.0	6.188	0.055	0	0	0	1
459216	PL.23590	A	Consumer	7.19Y	119.9	0.00	6.13	0.96	0	7	1	99	0.00	0.0	6.188	0.000	7	1	1	1
PL.23593	PL.23590	A	4ACSR	7.19Y	119.9	0.00	6.13	0.00	0	0	0	100	0.00	0.0	6.301	0.113	0	0	0	0
459201	PL.23593	A	Consumer	7.19Y	119.9	0.00	6.13	0.00	0	0	0	100	0.00	0.0	6.301	0.000	0	0	0	0
PL.28559	PL.28558	A	4ACSR	7.19Y	119.8	0.07	6.18	18.14	9	129	21	99	0.07	0.1	5.900	0.090	0	0	0	21
030214	PL.28559	A	Consumer	7.19Y	119.8	0.00	6.18	0.27	0	2	0	100	0.00	0.0	5.900	0.000	2	0	1	1
PL.28562	PL.28559	A	4ACSR	7.18Y	119.7	0.07	6.25	17.88	9	127	21	99	0.07	0.1	5.996	0.096	0	0	0	20
PL.28563	PL.28562	A	4ACSR	7.18Y	119.7	0.05	6.30	16.93	9	120	19	99	0.05	0.0	6.063	0.067	0	0	0	19
0302019	PL.28563	A	Consumer	7.18Y	119.7	0.00	6.30	0.69	0	5	1	98	0.00	0.0	6.063	0.000	5	1	1	1
030229	PL.28563	A	Consumer	7.18Y	119.7	0.00	6.30	0.00	0	0	0	100	0.00	0.0	6.063	0.000	0	0	0	0

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.28564	PL.28563	A	4ACSR	7.18Y	119.7	0.04	6.34	16.24	8	115	19	99	0.03	0.0	6.114	0.051	0	0	0	18
PL.41472	PL.28564	A	4ACSR	7.18Y	119.7	0.01	6.35	14.44	7	102	17	99	0.01	0.0	6.133	0.019	0	0	0	16
C PD.7321	PL.41472	A	fuse6AMP	7.18Y	119.7	0.00	6.35	14.44	247	102	17	99	0.00	0.0	6.133	0.000	0	0	0	16 C
PL.41471	PD.7321	A	4ACSR	7.18Y	119.6	0.01	6.36	4.79	2	34	6	98	0.00	0.0	6.170	0.037	0	0	0	7
PL.28810	PL.41471	A	4ACSR	7.18Y	119.6	0.01	6.37	3.39	2	24	4	99	0.00	0.0	6.252	0.082	0	0	0	5
030224	PL.28810	A	Consumer	7.18Y	119.6	0.00	6.37	0.54	0	4	1	97	0.00	0.0	6.252	0.000	4	1	1	1
PL.23032	PL.28810	A	4ACSR	7.18Y	119.6	0.00	6.37	2.85	1	20	3	99	0.00	0.0	6.270	0.018	0	0	0	4
PL.23033	PL.23032	A	4ACSR	7.18Y	119.6	0.03	6.40	1.71	1	12	2	99	0.00	0.0	6.610	0.340	0	0	0	3
031203	PL.23033	A	Consumer	7.18Y	119.6	0.00	6.40	0.36	0	3	0	100	0.00	0.0	6.610	0.000	3	0	1	1
PL.23029	PL.23033	A	4ACSR	7.18Y	119.6	0.00	6.40	1.35	1	10	2	98	0.00	0.0	6.679	0.069	0	0	0	2
031204	PL.23029	A	Consumer	7.18Y	119.6	0.00	6.40	1.32	0	9	2	98	0.00	0.0	6.679	0.000	9	2	1	1
PL.36077	PL.23029	A	2ACSR	7.18Y	119.6	0.00	6.40	0.03	0	0	0	100	0.00	0.0	6.724	0.045	0	0	0	1
0312005	PL.36077	A	Consumer	7.18Y	119.6	0.00	6.40	0.03	0	0	0	100	0.00	0.0	6.724	0.000	0	0	1	1
030228	PL.23032	A	Consumer	7.18Y	119.6	0.00	6.37	1.14	0	8	1	99	0.00	0.0	6.270	0.000	8	1	1	1
030211	PL.41471	A	Consumer	7.18Y	119.6	0.00	6.36	0.54	0	4	1	97	0.00	0.0	6.170	0.000	4	1	1	1
030208	PL.41471	A	Consumer	7.18Y	119.6	0.00	6.36	0.86	0	6	1	99	0.00	0.0	6.170	0.000	6	1	1	1
PL.41473	PD.7321	A	4ACSR	7.18Y	119.6	0.01	6.36	9.66	5	68	11	99	0.01	0.0	6.160	0.027	0	0	0	9
PL.28624	PL.41473	A	4ACSR	7.18Y	119.6	0.02	6.38	9.14	5	65	10	99	0.01	0.0	6.201	0.041	0	0	0	8
PL.23167	PL.28624	A	4ACSR	7.18Y	119.6	0.02	6.39	5.97	3	42	7	99	0.01	0.0	6.267	0.066	0	0	0	5
030219	PL.23167	A	Consumer	7.18Y	119.6	0.00	6.39	2.05	0	15	2	99	0.00	0.0	6.267	0.000	15	2	1	1
030217	PL.23167	A	Consumer	7.18Y	119.6	0.00	6.39	1.42	0	10	2	98	0.00	0.0	6.267	0.000	10	2	1	1
030227	PL.23167	A	Consumer	7.18Y	119.6	0.00	6.39	0.11	0	1	0	100	0.00	0.0	6.267	0.000	1	0	1	1
PL.41016	PL.23167	A	4ACSR	7.18Y	119.6	0.00	6.39	1.36	1	10	1	100	0.00	0.0	6.279	0.013	0	0	0	1
PD.7322	PL.41016	A	fuse6AMP	7.18Y	119.6	0.00	6.39	1.36	23	10	1	100	0.00	0.0	6.279	0.000	0	0	0	1
PL.41017	PD.7322	A	4ACSR	7.18Y	119.6	0.00	6.40	1.36	1	10	1	100	0.00	0.0	6.353	0.074	0	0	0	1
030222	PL.41017	A	Consumer	7.18Y	119.6	0.00	6.40	1.36	0	10	2	98	0.00	0.0	6.353	0.000	10	2	1	1
P PL.46539	PL.41017	A	1/0EPRJCN	7.18Y	119.6	-0.00	6.40	-0.02	0	0	0	100	0.00	0.0	6.388	0.035	0	0	0	0 P
0302020	PL.46539	A	Consumer	7.18Y	119.6	0.00	6.40	0.00	0	0	0	100	0.00	0.0	6.388	0.000	0	0	0	0
PL.23034	PL.23167	A	4ACSR	7.18Y	119.6	0.00	6.39	1.03	1	7	1	99	0.00	0.0	6.303	0.036	0	0	0	1
PL.23265	PL.23034	A	4ACSR	7.18Y	119.6	0.01	6.40	1.03	1	7	1	99	0.00	0.0	6.423	0.120	0	0	0	1
030220	PL.23265	A	Consumer	7.18Y	119.6	0.00	6.40	1.03	0	7	1	99	0.00	0.0	6.423	0.000	7	1	1	1
030230	PL.23034	A	Consumer	7.18Y	119.6	0.00	6.39	0.00	0	0	0	100	0.00	0.0	6.303	0.000	0	0	0	0
030226	PL.28624	A	Consumer	7.18Y	119.6	0.00	6.38	2.12	0	15	2	99	0.00	0.0	6.201	0.000	15	2	1	1
030223	PL.28624	A	Consumer	7.18Y	119.6	0.00	6.38	0.08	0	1	0	100	0.00	0.0	6.201	0.000	1	0	1	1
030218	PL.28624	A	Consumer	7.18Y	119.6	0.00	6.38	0.97	0	7	1	99	0.00	0.0	6.201	0.000	7	1	1	1
030203	PL.41473	A	Consumer	7.18Y	119.6	0.00	6.36	0.51	0	4	1	97	0.00	0.0	6.160	0.000	4	1	1	1
030210	PL.28564	A	Consumer	7.18Y	119.7	0.00	6.34	0.27	0	2	0	100	0.00	0.0	6.114	0.000	2	0	1	1
030221	PL.28564	A	Consumer	7.18Y	119.7	0.00	6.34	1.53	0	11	2	98	0.00	0.0	6.114	0.000	11	2	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.41012	PL.28562	A	4ACSR	7.18Y	119.7	0.00	6.25	0.95	0	7	1	99	0.00	0.0	6.001	0.005	0	0	0	1
PD.7320	PL.41012	A	fuse6AMP	7.18Y	119.7	0.00	6.25	0.95	16	7	1	99	0.00	0.0	6.001	0.000	0	0	0	1
PL.41013	PD.7320	A	4ACSR	7.18Y	119.7	0.00	6.26	0.95	0	7	1	99	0.00	0.0	6.087	0.086	0	0	0	1
0302018	PL.41013	A	Consumer	7.18Y	119.7	0.00	6.26	0.95	0	7	1	99	0.00	0.0	6.087	0.000	7	1	1	1
030216	PL.28558	A	Consumer	7.19Y	119.9	0.00	6.11	0.45	0	3	1	95	0.00	0.0	5.809	0.000	3	1	1	1
PL.41008	PL.28558	A	4ACSR	7.19Y	119.9	0.00	6.11	1.84	1	13	2	99	0.00	0.0	5.817	0.008	0	0	0	1
PD.7318	PL.41008	A	fuse6AMP	7.19Y	119.9	0.00	6.11	1.84	32	13	2	99	0.00	0.0	5.817	0.000	0	0	0	1
PL.41009	PD.7318	A	4ACSR	7.19Y	119.9	0.01	6.11	1.84	1	13	2	99	0.00	0.0	5.881	0.063	0	0	0	1
PL.23030	PL.41009	A	4ACSR	7.19Y	119.9	0.00	6.11	1.84	1	13	2	99	0.00	0.0	5.885	0.004	0	0	0	1
030215	PL.23030	A	Consumer	7.19Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	5.885	0.000	0	0	0	0
030206	PL.23030	A	Consumer	7.19Y	119.9	0.00	6.11	1.84	0	13	2	99	0.00	0.0	5.885	0.000	13	2	1	1
PL.23031	PL.23030	A	4ACSR	7.19Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	6.106	0.221	0	0	0	0
030212	PL.23031	A	Consumer	7.19Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	6.106	0.000	0	0	0	0
459217	PL.21530	A	Consumer	7.20Y	120.0	0.00	6.00	1.30	0	9	2	98	0.00	0.0	5.697	0.000	9	2	1	1
459213	PL.21530	A	Consumer	7.20Y	120.0	0.00	6.00	1.00	0	7	1	99	0.00	0.0	5.697	0.000	7	1	1	1
459222	PL.21530	A	Consumer	7.20Y	120.0	0.00	6.00	1.62	0	11	2	98	0.00	0.0	5.697	0.000	11	2	1	1
459220	PL.33979	A	Consumer	7.24Y	120.6	0.00	5.38	0.07	0	1	0	100	0.00	0.0	5.199	0.000	1	0	1	1
459204	PL.33979	A	Consumer	7.24Y	120.6	0.00	5.38	0.61	0	4	1	97	0.00	0.0	5.199	0.000	4	1	1	1
PL.41006	PL.36668	A	2ACSR	7.24Y	120.7	0.00	5.27	1.25	0	9	1	99	0.00	0.0	5.131	0.011	0	0	0	1
PD.7317-A	PL.41006	A	Closed	7.24Y	120.7	0.00	5.27	1.25	0	9	1	99	0.00	0.0	5.131	0.000	0	0	0	1
PD.7317-B	PD.7317-A	A	Closed	7.24Y	120.7	0.00	5.27	1.25	0	9	1	99	0.00	0.0	5.131	0.000	0	0	0	1
PL.41007	PD.7317-B	A	2ACSR	7.24Y	120.7	0.02	5.29	1.25	0	9	1	99	0.00	0.0	5.691	0.560	0	0	0	1
PL.36671	PL.41007	A	2ACSR	7.24Y	120.7	0.00	5.30	1.25	0	9	1	99	0.00	0.0	5.804	0.113	0	0	0	1
4582008	PL.36671	A	Consumer	7.24Y	120.7	0.00	5.30	1.25	0	9	1	99	0.00	0.0	5.804	0.000	9	1	1	1
458336	PL.7030	A	Consumer	7.30Y	121.6	0.00	4.41	0.03	0	0	0	100	0.00	0.0	4.557	0.000	0	0	1	1
458305	PL.7030	A	Consumer	7.30Y	121.6	0.00	4.41	0.16	0	1	0	100	0.00	0.0	4.557	0.000	1	0	1	1
458355	PL.22111	A	Consumer	7.35Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	4.061	0.000	0	0	0	0
PL.41723	PL.9477	B	4ACSR	7.44Y	124.0	0.00	1.99	2.46	1	18	3	99	0.00	0.0	3.857	0.005	0	0	0	3
PD.7506	PL.41723	B	fuse6AMP	7.44Y	124.0	0.00	1.99	2.46	42	18	3	99	0.00	0.0	3.857	0.000	0	0	0	3
PL.41724	PD.7506	B	4ACSR	7.44Y	124.0	0.01	2.01	2.46	1	18	3	99	0.00	0.0	3.997	0.140	0	0	0	3
458352	PL.41724	B	Consumer	7.44Y	124.0	0.00	2.01	0.72	0	5	1	98	0.00	0.0	3.997	0.000	5	1	1	1
458353	PL.41724	B	Consumer	7.44Y	124.0	0.00	2.01	1.74	0	13	2	99	0.00	0.0	3.997	0.000	13	2	1	1
4583062	PL.41724	B	Consumer	7.44Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	3.997	0.000	0	0	1	1
458356	PL.9477	B	Consumer	7.44Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	3.852	0.000	0	0	1	1
458354	PL.39222	C	Consumer	7.53Y	125.5	0.00	0.52	1.84	0	14	2	99	0.00	0.0	3.717	0.000	14	2	1	1
458357	PL.39222	C	Consumer	7.53Y	125.5	0.00	0.52	0.16	0	1	0	100	0.00	0.0	3.717	0.000	1	0	1	1
PL.16893	PL.9718	C	4ACSR	7.54Y	125.7	0.00	0.31	0.74	0	5	1	98	0.00	0.0	3.410	0.008	0	0	0	1
PD.1514	PL.16893	C	fuse6AMP	7.54Y	125.7	0.00	0.31	0.74	13	5	1	98	0.00	0.0	3.410	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.16894	PD.1514	C	4ACSR	7.54Y	125.7	0.00	0.31	0.74	0	5	1	98	0.00	0.0	3.544	0.134	0	0	0	1
458345	PL.16894	C	Consumer	7.54Y	125.7	0.00	0.31	0.74	0	5	1	98	0.00	0.0	3.544	0.000	5	1	1	1
459323	PL.40909	C	Consumer	7.56Y	125.9	0.00	0.08	1.28	0	10	2	98	0.00	0.0	3.079	0.000	10	2	1	1
PL.41715	PL.9721	B	4ACSR	7.21Y	120.2	0.00	5.79	0.70	0	5	1	98	0.00	0.0	2.798	0.006	0	0	0	1
PD.7502	PL.41715	B	fuse6AMP	7.21Y	120.2	0.00	5.79	0.70	12	5	1	98	0.00	0.0	2.798	0.000	0	0	0	1
PL.41716	PD.7502	B	4ACSR	7.21Y	120.2	0.00	5.79	0.70	0	5	1	98	0.00	0.0	2.841	0.044	0	0	0	1
459304	PL.41716	B	Consumer	7.21Y	120.2	0.00	5.79	0.70	0	5	1	98	0.00	0.0	2.841	0.000	5	1	1	1
030315	PL.28168	B	Consumer	7.28Y	121.3	0.00	4.69	0.00	0	0	0	100	0.00	0.0	2.425	0.000	0	0	0	0
030319	PL.28168	B	Consumer	7.28Y	121.3	0.00	4.69	0.00	0	0	0	100	0.00	0.0	2.425	0.000	0	0	0	0
030311	PL.19708	C	Consumer	7.40Y	123.4	0.00	2.62	0.69	0	5	1	98	0.00	0.0	2.206	0.000	5	1	1	1
030306	PL.19708	C	Consumer	7.40Y	123.4	0.00	2.62	5.63	0	38	18	90	0.00	0.0	2.206	0.000	38	18	1	1
031403	PL.4884	A	Consumer	7.37Y	122.8	0.00	3.16	0.58	0	4	1	97	0.00	0.0	1.825	0.000	4	1	1	1
031422	PL.4884	B	Consumer	7.39Y	123.2	0.00	2.78	0.00	0	0	0	100	0.00	0.0	1.825	0.000	0	0	0	0
031404	PL.40692	A	Consumer	7.39Y	123.1	0.00	2.90	0.40	0	3	0	100	0.00	0.0	1.751	0.000	3	0	1	1
PL.27275	PL.9727	B	4ACSR	7.44Y	124.0	0.00	2.02	0.68	0	5	1	98	0.00	0.0	1.591	0.005	0	0	0	1
PD.1197	PL.27275	B	fuse6AMP	7.44Y	124.0	0.00	2.02	0.68	12	5	1	98	0.00	0.0	1.591	0.000	0	0	0	1
PL.27276	PD.1197	B	4ACSR	7.44Y	124.0	0.00	2.03	0.68	0	5	1	98	0.00	0.0	1.661	0.069	0	0	0	1
031415	PL.27276	B	Consumer	7.44Y	124.0	0.00	2.03	0.68	0	5	1	98	0.00	0.0	1.661	0.000	5	1	1	1
PL.1716	PL.9732	C	4ACSR	7.55Y	125.8	0.00	0.18	0.71	0	5	1	98	0.00	0.0	0.613	0.064	0	0	0	2
032447	PL.1716	C	Consumer	7.55Y	125.8	0.00	0.18	0.24	0	2	0	100	0.00	0.0	0.613	0.000	2	0	1	1
032421	PL.1716	C	Consumer	7.55Y	125.8	0.00	0.18	0.47	0	3	1	95	0.00	0.0	0.613	0.000	3	1	1	1
032471	PL.9732	A	Consumer	7.53Y	125.6	0.00	0.43	0.01	0	0	0	100	0.00	0.0	0.549	0.000	0	0	1	1
032483	PL.9732	A	Consumer	7.53Y	125.6	0.00	0.43	0.26	0	2	0	100	0.00	0.0	0.549	0.000	2	0	1	1
032448	PL.9732	A	Consumer	7.53Y	125.6	0.00	0.43	0.54	0	4	1	97	0.00	0.0	0.549	0.000	4	1	1	1
032497	PL.9732	A	Consumer	7.53Y	125.6	0.00	0.43	0.25	0	2	0	100	0.00	0.0	0.549	0.000	2	0	1	1
032469	PL.9732	A	Consumer	7.53Y	125.6	0.00	0.43	0.59	0	4	1	97	0.00	0.0	0.549	0.000	4	1	1	1
032468	PL.9732	A	Consumer	7.53Y	125.6	0.00	0.43	0.17	0	1	1	71	0.00	0.0	0.549	0.000	1	1	1	1
032435	PL.19755	A	Consumer	7.54Y	125.6	0.00	0.35	0.85	0	6	1	99	0.00	0.0	0.446	0.000	6	1	1	1
032402	PL.19755	A	Consumer	7.54Y	125.6	0.00	0.35	0.19	0	1	0	100	0.00	0.0	0.446	0.000	1	0	1	1
032476	PL.19755	A	Consumer	7.54Y	125.6	0.00	0.35	1.29	0	10	2	98	0.00	0.0	0.446	0.000	10	2	1	1
032493	PL.9734	A	Consumer	7.54Y	125.7	0.00	0.28	0.02	0	0	0	100	0.00	0.0	0.359	0.000	0	0	1	1
032403	PL.9734	A	Consumer	7.54Y	125.7	0.00	0.28	0.65	0	5	1	98	0.00	0.0	0.359	0.000	5	1	1	1
032496	PL.9734	A	Consumer	7.54Y	125.7	0.00	0.28	0.44	0	3	1	95	0.00	0.0	0.359	0.000	3	1	1	1
032442	PL.18246	A	Consumer	7.55Y	125.8	0.00	0.18	0.63	0	5	1	98	0.00	0.0	0.224	0.000	5	1	1	1
032430	PL.18246	A	Consumer	7.55Y	125.8	0.00	0.18	0.05	0	0	0	100	0.00	0.0	0.224	0.000	0	0	1	1
032404	PL.19483	C	Consumer	7.56Y	126.0	0.00	0.05	0.06	0	0	0	100	0.00	0.0	0.113	0.000	0	0	1	1
032477	PL.28167	A	Consumer	7.56Y	125.9	0.00	0.06	5.20	0	35	17	90	0.00	0.0	0.064	0.000	35	17	1	1
032490	PL.28167	A	Consumer	7.56Y	125.9	0.00	0.06	3.57	0	24	12	89	0.00	0.0	0.064	0.000	24	12	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 2 (FRNBURG2) Beginning with Device PD.3892.

Unbalanced Voltage Drop Report
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.26206, PL.26207, PL.24653, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.42185	PL.28100	A	397ACSR	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	0.978	0.030	0	0	0	0		
		B		7.53Y	125.5	0.00	0.48	0.00	0	0	0	100					0	0	0	0		
		C		7.52Y	125.3	0.00	0.66	0.00	0	0	0	100					0	0	0	0		
PD.7638-A	PL.42185	A	Open	7.51Y	125.1	0.00	0.88	0.00	0	0	0	100	0.00	0.0	0.978	0.000	0	0	0	0		
		B		7.53Y	125.5	0.00	0.48	0.00	0	0	0	100					0	0	0	0		
		C		7.52Y	125.3	0.00	0.66	0.00	0	0	0	100					0	0	0	0		
PL.42181	PL.28100	A	397ACSR	7.51Y	125.1	0.01	0.89	98.24	12	714	186	97	0.10	0.0	0.968	0.020	0	0	0	100		
		B		7.53Y	125.5	0.01	0.49	82.00	10	598	153	97					0	0	0	89		
		C		7.52Y	125.3	0.01	0.67	74.39	9	539	149	96					0	0	0	57		
PD.268-A	PL.42181	A	Closed	7.51Y	125.1	0.00	0.89	98.24	0	714	186	97	0.00	0.0	0.968	0.000	0	0	0	100		
		B		7.53Y	125.5	0.00	0.49	82.00	0	598	153	97					0	0	0	89		
		C		7.52Y	125.3	0.00	0.67	74.39	0	539	149	96					0	0	0	57		
PD.268-B	PD.268-A	A	Closed	7.51Y	125.1	0.00	0.89	98.24	0	714	186	97	0.00	0.0	0.968	0.000	0	0	0	100		
		B		7.53Y	125.5	0.00	0.49	82.00	0	598	153	97					0	0	0	89		
		C		7.52Y	125.3	0.00	0.67	74.39	0	539	149	96					0	0	0	57		
PL.42182	PD.268-B	A	397ACSR	7.51Y	125.1	0.02	0.91	98.24	12	714	186	97	0.11	0.0	0.990	0.022	0	0	0	100		
		B		7.53Y	125.5	0.01	0.49	82.00	10	598	153	97					0	0	0	89		
		C		7.52Y	125.3	0.01	0.68	74.39	9	539	149	96					0	0	0	57		
PL.21357	PL.42182	A	397ACSR	7.50Y	125.1	0.02	0.93	95.49	12	695	174	97	0.16	0.0	1.024	0.034	0	0	0	99		
		B		7.53Y	125.5	0.01	0.51	79.26	10	580	142	97					0	0	0	88		
		C		7.52Y	125.3	0.02	0.70	71.64	9	521	138	97					0	0	0	57		
PL.200	PL.21357	A	397ACSR	7.50Y	125.0	0.07	1.00	95.49	12	695	174	97	0.48	0.0	1.123	0.099	0	0	0	99		
		B		7.53Y	125.5	0.03	0.54	79.26	10	580	141	97					0	0	0	88		
		C		7.52Y	125.3	0.05	0.74	71.64	9	521	138	97					0	0	0	57		
PL.18018	PL.200	A	397ACSR	7.50Y	125.0	0.00	1.01	7.23	1	53	11	98	0.00	0.0	1.165	0.042	0	0	0	10		
		B		7.53Y	125.5	0.00	0.54	6.44	1	47	11	98					0	0	0	5		
		C		7.52Y	125.3	0.00	0.75	4.29	1	31	8	97					0	0	0	3		
C PD.2826 C	PL.18018	A	fuse6AMP	7.50Y	125.0	0.00	1.01	7.23	123	53	11	98	0.00	0.0	1.165	0.000	0	0	0	10		
		B		7.53Y	125.5	0.00	0.54	6.44	110	47	11	98					0	0	0	5		
		C		7.52Y	125.3	0.00	0.75	4.29	73	31	8	97					0	0	0	3		
PL.18019	PD.2826	A	397ACSR	7.50Y	125.0	0.00	1.01	7.23	1	53	11	98	0.00	0.0	1.179	0.014	0	0	0	10		
		B		7.53Y	125.5	0.00	0.54	6.44	1	47	11	98					0	0	0	5		
		C		7.52Y	125.3	0.00	0.75	4.29	1	31	8	97					0	0	0	3		
541911	PL.18019	C	Consumer	7.52Y	125.3	0.00	0.75	0.81	0	6	1	99	0.00	0.0	1.179	0.000	6	1	1	1		
541904	PL.18019	C	Consumer	7.52Y	125.3	0.00	0.75	0.00	0	0	0	100	0.00	0.0	1.179	0.000	0	0	0	0		
541908	PL.18019	C	Consumer	7.52Y	125.3	0.00	0.75	1.00	0	7	1	99	0.00	0.0	1.179	0.000	7	1	1	1		
PL.19127	PL.18019	A	397ACSR	7.50Y	125.0	0.00	1.01	5.98	1	44	10	98	0.00	0.0	1.218	0.038	0	0	0	9		
		B		7.53Y	125.5	0.00	0.54	6.44	1	47	11	98					0	0	0	5		
		C		7.52Y	125.3	0.00	0.75	2.49	0	18	6	95					0	0	0	1		
PL.19128	PL.19127	A	397ACSR	7.50Y	125.0	0.00	1.01	5.19	1	38	9	97	0.00	0.0	1.248	0.030	0	0	0	6		
		B		7.53Y	125.5	0.00	0.54	6.44	1	47	11	98					0	0	0	5		
		C		7.52Y	125.3	-0.00	0.75	2.49	0	18	6	95					0	0	0	1		
541909	PL.19128	A	Consumer	7.50Y	125.0	0.00	1.01	0.55	0	4	1	97	0.00	0.0	1.248	0.000	4	1	1	1		
541901	PL.19128	A	Consumer	7.50Y	125.0	0.00	1.01	0.13	0	1	0	100	0.00	0.0	1.248	0.000	1	0	1	1		
PL.26217	PL.19128	A	397ACSR	7.50Y	125.0	0.00	1.01	4.52	1	33	8	97	0.00	0.0	1.287	0.039	0	0	0	4		
		B		7.53Y	125.5	0.00	0.54	6.44	1	47	10	98					0	0	0	5		
		C		7.52Y	125.3	-0.00	0.75	2.49	0	18	6	95					0	0	0	1		
PL.26218	PL.26217	A	397ACSR	7.50Y	125.0	0.00	1.02	4.52	1	33	8	97	0.00	0.0	1.377	0.089	0	0	0	4		
		B		7.53Y	125.5	0.00	0.55	6.13	1	45	10	98					0	0	0	4		
		C		7.52Y	125.3	-0.00	0.75	2.49	0	18	6	95					0	0	0	1		
543001	PL.26218	B	Consumer	7.53Y	125.5	0.00	0.55	1.36	0	10	2	98	0.00	0.0	1.377	0.000	10	2	1	1		
543003	PL.26218	B	Consumer	7.53Y	125.5	0.00	0.55	0.12	0	1	0	100	0.00	0.0	1.377	0.000	1	0	1	1		
543002	PL.26218	B	Consumer	7.53Y	125.5	0.00	0.55	2.24	0	17	3	98	0.00	0.0	1.377	0.000	17	3	1	1		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.26219	PL.26218	A	397ACSR	7.50Y	125.0	0.00	1.02	4.52	1	33	8	97	0.00	0.0	1.390	0.013	0	0	0	4
		B		7.53Y	125.5	0.00	0.55	2.43	0	17	6	95					0	0	0	1
		C		7.52Y	125.3	0.00	0.75	2.49	0	18	6	95					0	0	0	1
PL.18020	PL.26219	A	397ACSR	7.50Y	125.0	0.00	1.02	4.50	1	33	8	97	0.00	0.0	1.392	0.002	0	0	0	3
		B		7.53Y	125.5	-0.00	0.55	1.28	0	9	4	90					0	0	0	0
		C		7.52Y	125.3	0.00	0.75	2.49	0	18	6	95					0	0	0	1
PD.2532	PL.18020	A	fuse6AMP	7.50Y	125.0	0.00	1.02	4.50	77	33	8	97	0.00	0.0	1.392	0.000	0	0	0	3
		B		7.53Y	125.5	0.00	0.55	1.28	22	9	4	90					0	0	0	0
		C		7.52Y	125.3	0.00	0.75	2.49	43	18	6	95					0	0	0	1
PL.18021	PD.2532	A	397ACSR	7.50Y	125.0	0.00	1.02	4.50	1	33	8	97	0.00	0.0	1.438	0.045	0	0	0	3
		B		7.53Y	125.5	-0.00	0.55	1.28	0	9	4	90					0	0	0	0
		C		7.52Y	125.3	0.00	0.75	2.49	0	18	6	95					0	0	0	1
PL.7380	PL.18021	A	397ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	1.441	0.004	0	0	0	0
		B		7.53Y	125.5	0.00	0.55	0.00	0	0	0	100					0	0	0	0
		C		7.52Y	125.3	0.00	0.75	0.00	0	0	0	100					0	0	0	0
544002	PL.18021	A	Consumer	7.50Y	125.0	0.00	1.02	1.44	0	11	2	98	0.00	0.0	1.438	0.000	11	2	1	1
PL.24646	PL.18021	A	397ACSR	7.50Y	125.0	0.00	1.02	3.06	0	22	6	96	0.00	0.0	1.489	0.051	0	0	0	2
		B		7.53Y	125.5	0.00	0.55	1.28	0	9	4	90					0	0	0	0
		C		7.52Y	125.3	0.00	0.75	2.49	0	18	6	95					0	0	0	1
033409	PL.24646	A	Consumer	7.50Y	125.0	0.00	1.02	0.16	0	1	0	100	0.00	0.0	1.489	0.000	1	0	1	1
PL.26222	PL.24646	A	397ACSR	7.50Y	125.0	0.00	1.02	2.90	0	21	6	96	0.00	0.0	1.607	0.118	0	0	0	1
		B		7.53Y	125.5	0.00	0.55	1.28	0	9	4	90					0	0	0	0
		C		7.51Y	125.2	0.00	0.75	2.49	0	18	6	95					0	0	0	1
PL.20609	PL.26222	A	397ACSR	7.50Y	125.0	0.00	1.02	1.28	0	9	4	91	0.00	0.0	1.717	0.110	0	0	0	0
		B		7.53Y	125.5	0.00	0.55	1.28	0	9	4	90					0	0	0	0
		C		7.51Y	125.2	0.00	0.75	2.49	0	18	6	95					0	0	0	1
PL.20610	PL.20609	A	397ACSR	7.50Y	125.0	-0.00	1.02	0.00	0	0	0	100	0.00	0.0	1.739	0.022	0	0	0	0
		B		7.53Y	125.5	0.00	0.55	0.00	0	0	0	100					0	0	0	0
		C		7.51Y	125.2	0.00	0.75	1.24	0	9	2	99					0	0	0	1
PL.23868	PL.20610	C	4ACSR	7.51Y	125.2	0.01	0.77	1.24	1	9	2	98	0.00	0.0	1.955	0.215	0	0	0	1
034416	PL.23868	C	Consumer	7.51Y	125.2	0.00	0.77	1.24	0	9	2	98	0.00	0.0	1.955	0.000	9	2	1	1
034409	PL.20609	A	Consumer	7.50Y	125.0	0.00	1.02	1.28	0	9	4	91	0.00	0.0	1.717	0.000	9	4	0	0
		B		7.53Y	125.5	0.00	0.55	1.28	0	9	4	90					9	4	0	0
		C		7.51Y	125.2	0.00	0.75	1.28	0	9	4	90					9	4	0	0
033494	PL.26222	A	Consumer	7.50Y	125.0	0.00	1.02	1.65	0	12	2	99	0.00	0.0	1.607	0.000	12	2	1	1
PL.26220	PL.26219	A	4ACSR	7.50Y	125.0	0.00	1.02	0.02	0	0	0	100	0.00	0.0	1.438	0.048	0	0	0	1
PL.3525	PL.26220	A	4ACSR	7.50Y	125.0	0.00	1.02	0.02	0	0	0	100	0.00	0.0	1.585	0.147	0	0	0	1
545001	PL.3525	A	Consumer	7.50Y	125.0	0.00	1.02	0.02	0	0	0	100	0.00	0.0	1.585	0.000	0	0	1	1
545002	PL.3525	A	Consumer	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	1.585	0.000	0	0	0	0
PL.26221	PL.26220	A	4ACSR	7.50Y	125.0	0.00	1.02	0.00	0	0	0	100	0.00	0.0	1.538	0.101	0	0	0	0
544003	PL.26219	B	Consumer	7.53Y	125.5	0.00	0.55	1.18	0	9	1	99	0.00	0.0	1.390	0.000	9	1	1	1
544001	PL.26219	B	Consumer	7.53Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	1.390	0.000	0	0	0	0
542902	PL.26217	B	Consumer	7.53Y	125.5	0.00	0.54	0.31	0	2	0	100	0.00	0.0	1.287	0.000	2	0	1	1
541912	PL.19127	A	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	1.218	0.000	0	0	1	1
541910	PL.19127	A	Consumer	7.50Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	1.218	0.000	0	0	1	1
541907	PL.19127	A	Consumer	7.50Y	125.0	0.00	1.01	0.80	0	6	1	99	0.00	0.0	1.218	0.000	6	1	1	1
PL.42930	PL.18019	A	4ACSR	7.50Y	125.0	0.00	1.01	1.24	1	9	2	98	0.00	0.0	1.185	0.006	0	0	0	1
PD.8185	PL.42930	A	fuse6AMP	7.50Y	125.0	0.00	1.01	1.24	21	9	2	98	0.00	0.0	1.185	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss		Length (mi)	KW			KVAR	
PL.42931	PD.8185	A	4ACSR	7.50Y	125.0	0.00	1.01	1.24	1	9	2	98	0.00	0.0	1.230	0.045	0	0	0	1
541913	PL.42931	A	Consumer	7.50Y	125.0	0.00	1.01	1.24	0	9	2	98	0.00	0.0	1.230	0.000	9	2	1	1
PL.7385	PL.200	A	397ACSR	7.50Y	125.0	0.03	1.04	88.27	11	642	162	97	0.21	0.0	1.174	0.051	0	0	0	88
		B		7.53Y	125.4	0.02	0.56	72.82	9	532	131	97					0	0	0	83
		C		7.51Y	125.2	0.02	0.77	67.34	8	489	130	97					0	0	0	53
PL.22353	PL.7385	C	4ACSR	7.51Y	125.2	0.00	0.77	5.70	3	42	7	99	0.00	0.0	1.181	0.007	0	0	0	4
C PD.3488	PL.22353	C	fuse6AMP	7.51Y	125.2	0.00	0.77	5.70	97	42	7	99	0.00	0.0	1.181	0.000	0	0	0	4 C
PL.22354	PD.3488	C	4ACSR	7.51Y	125.2	0.01	0.78	5.70	3	42	7	99	0.00	0.0	1.210	0.030	0	0	0	4
5418017	PL.22354	C	Consumer	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	1.210	0.000	0	0	0	0
541807	PL.22354	C	Consumer	7.51Y	125.2	0.00	0.78	1.69	0	13	2	99	0.00	0.0	1.210	0.000	13	2	1	1
541809	PL.22354	C	Consumer	7.51Y	125.2	0.00	0.78	1.05	0	8	1	99	0.00	0.0	1.210	0.000	8	1	1	1
541805	PL.22354	C	Consumer	7.51Y	125.2	0.00	0.78	1.28	0	10	2	98	0.00	0.0	1.210	0.000	10	2	1	1
541808	PL.22354	C	Consumer	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	1.210	0.000	0	0	0	0
5418016	PL.22354	C	Consumer	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	1.210	0.000	0	0	0	0
541806	PL.22354	C	Consumer	7.51Y	125.2	0.00	0.78	0.00	0	0	0	100	0.00	0.0	1.210	0.000	0	0	0	0
541804	PL.22354	C	Consumer	7.51Y	125.2	0.00	0.78	1.68	0	12	2	99	0.00	0.0	1.210	0.000	12	2	1	1
PL.19101	PL.7385	A	397ACSR	7.50Y	124.9	0.03	1.07	88.27	11	642	162	97	0.18	0.0	1.220	0.045	0	0	0	88
		B		7.53Y	125.4	0.01	0.57	72.82	9	532	130	97					0	0	0	83
		C		7.51Y	125.2	0.02	0.79	61.67	8	447	123	96					0	0	0	49
541803	PL.19101	C	Consumer	7.51Y	125.2	0.00	0.79	0.21	0	2	0	100	0.00	0.0	1.220	0.000	2	0	1	1
PL.19102	PL.19101	A	397ACSR	7.49Y	124.9	0.07	1.14	88.27	11	642	161	97	0.41	0.0	1.322	0.102	0	0	0	88
		B		7.52Y	125.4	0.03	0.60	72.82	9	532	130	97					0	0	0	83
		C		7.51Y	125.2	0.04	0.83	61.46	8	445	122	96					0	0	0	48
PL.7386	PL.19102	A	397ACSR	7.49Y	124.8	0.02	1.16	88.27	11	641	161	97	0.10	0.0	1.346	0.024	0	0	0	88
		B		7.52Y	125.4	0.01	0.61	72.82	9	532	130	97					0	0	0	83
		C		7.51Y	125.2	0.01	0.84	61.46	8	445	122	96					0	0	0	48
PL.7387	PL.7386	A	397ACSR	7.49Y	124.8	0.03	1.18	88.27	11	641	161	97	0.15	0.0	1.383	0.037	0	0	0	88
		B		7.52Y	125.4	0.01	0.62	72.37	9	529	129	97					0	0	0	82
		C		7.51Y	125.1	0.02	0.86	61.46	8	445	122	96					0	0	0	48
PL.11272	PL.7387	A	397ACSR	7.48Y	124.6	0.21	1.39	88.27	11	641	160	97	1.19	0.1	1.684	0.301	0	0	0	88
		B		7.52Y	125.3	0.09	0.71	72.37	9	529	129	97					0	0	0	82
		C		7.50Y	125.0	0.13	0.98	61.42	8	445	122	96					0	0	0	47
PL.11273	PL.11272	A	397ACSR	7.48Y	124.6	0.00	1.39	88.27	11	641	159	97	0.00	0.0	1.685	0.000	0	0	0	88
		B		7.52Y	125.3	0.00	0.71	72.37	9	529	128	97					0	0	0	82
		C		7.50Y	125.0	0.00	0.98	61.42	8	444	121	96					0	0	0	47
PL.18612	PL.11273	A	397ACSR	7.47Y	124.5	0.09	1.48	88.27	11	641	159	97	0.51	0.0	1.815	0.130	0	0	0	88
		B		7.52Y	125.3	0.04	0.74	72.37	9	529	128	97					0	0	0	82
		C		7.50Y	125.0	0.05	1.03	60.35	7	437	120	96					0	0	0	44
PD.187-A	PL.18612	A	Closed	7.47Y	124.5	0.00	1.48	88.27	0	640	158	97	0.00	0.0	1.815	0.000	0	0	0	88
		B		7.52Y	125.3	0.00	0.74	72.37	0	529	128	97					0	0	0	82
		C		7.50Y	125.0	0.00	1.03	60.35	0	436	120	96					0	0	0	44
PD.187-B	PD.187-A	A	Closed	7.47Y	124.5	0.00	1.48	88.27	0	640	158	97	0.00	0.0	1.815	0.000	0	0	0	88
		B		7.52Y	125.3	0.00	0.74	72.37	0	529	128	97					0	0	0	82
		C		7.50Y	125.0	0.00	1.03	60.35	0	436	120	96					0	0	0	44
PL.18613	PD.187-B	A	397ACSR	7.47Y	124.5	0.01	1.49	88.27	11	640	158	97	0.06	0.0	1.829	0.015	0	0	0	88
		B		7.52Y	125.3	0.00	0.75	72.37	9	529	128	97					0	0	0	82
		C		7.50Y	125.0	0.01	1.04	60.35	7	436	120	96					0	0	0	44
546503	PL.18613	A	Consumer	7.47Y	124.5	0.00	1.49	0.48	0	4	1	97	0.00	0.0	1.829	0.000	4	1	1	1

Unbalanced Voltage Drop Report
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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.7377, OCD73, PL.19726, 547508, PL.19727, PL.7388, 548502, PL.21302, 549605, 5496007, 549601, PL.21303, 549604, 549603, PL.7384, PL.24644, 034406, PL.11279, PL.17996, 034415, PL.21525, PL.21102, PL.31913, 0344020, 034417, PL.21101.

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							% Loss	% Loss	mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss				mi Length (mi)	KW		
034419	PL.21101	A	Consumer	7.39Y	123.1	0.00	2.88	0.03	0	0	0	100	0.00	0.0	2.646	0.000	0	0	1	1
034414	PL.21101	A	Consumer	7.39Y	123.1	0.00	2.88	0.58	0	4	1	97	0.00	0.0	2.646	0.000	4	1	1	1
PL.41513	PL.21525	A	1/0ACSR	7.38Y	123.0	0.12	3.01	83.21	25	598	144	97	0.92	0.1	2.694	0.073	0	0	0	80
		B		7.46Y	124.4	0.07	1.62	71.12	22	517	122	97					0	0	0	80
		C		7.45Y	124.2	0.06	1.78	50.10	15	361	94	97					0	0	0	35
PL.41514	PL.41513	A	1/0ACSR	7.37Y	122.9	0.12	3.12	83.21	25	597	143	97	0.86	0.1	2.762	0.068	0	0	0	80
		B		7.46Y	124.3	0.07	1.69	71.12	22	517	122	97					0	0	0	80
		C		7.45Y	124.2	0.05	1.84	50.10	15	361	94	97					0	0	0	35
PL.18471	PL.41514	A	1/0ACSR	7.34Y	122.3	0.58	3.71	83.21	25	597	143	97	4.33	0.3	3.104	0.342	0	0	0	80
		B		7.44Y	124.0	0.35	2.04	71.12	22	516	121	97					0	0	0	80
		C		7.43Y	123.9	0.27	2.11	50.10	15	361	94	97					0	0	0	35
PD.284-A	PL.18471	A	Closed	7.34Y	122.3	0.00	3.71	83.21	0	594	141	97	0.00	0.0	3.104	0.000	0	0	0	80
		B		7.44Y	124.0	0.00	2.04	71.12	0	515	120	97					0	0	0	80
		C		7.43Y	123.9	0.00	2.11	50.10	0	360	94	97					0	0	0	35
PD.284-B	PD.284-A	A	Closed	7.34Y	122.3	0.00	3.71	83.21	0	594	141	97	0.00	0.0	3.104	0.000	0	0	0	80
		B		7.44Y	124.0	0.00	2.04	71.12	0	515	120	97					0	0	0	80
		C		7.43Y	123.9	0.00	2.11	50.10	0	360	94	97					0	0	0	35
PL.18472	PD.284-B	A	1/0ACSR	7.33Y	122.2	0.11	3.82	83.21	25	594	141	97	0.85	0.1	3.171	0.067	0	0	0	80
		B		7.43Y	123.9	0.07	2.11	71.12	22	515	120	97					0	0	0	80
		C		7.43Y	123.8	0.05	2.16	50.10	15	360	94	97					0	0	0	35
PL.11280	PL.18472	A	1/0ACSR	7.32Y	122.1	0.13	3.95	83.21	25	594	140	97	0.90	0.1	3.245	0.074	0	0	0	80
		B		7.43Y	123.8	0.07	2.18	67.10	20	485	116	97					0	0	0	75
		C		7.43Y	123.8	0.06	2.23	50.10	15	360	94	97					0	0	0	35
PL.2119	PL.11280	A	1/0ACSR	7.32Y	122.1	0.00	3.95	0.00	0	0	0	100	0.00	0.0	3.275	0.030	0	0	0	0
		B		7.43Y	123.8	0.00	2.18	0.00	0	0	0	100					0	0	0	0
		C		7.43Y	123.8	0.00	2.23	0.00	0	0	0	100					0	0	0	0
PL.11281	PL.11280	A	1/0ACSR	7.32Y	122.0	0.05	3.99	83.21	25	593	140	97	0.35	0.0	3.274	0.029	0	0	0	80
		B		7.43Y	123.8	0.03	2.21	67.10	20	485	116	97					0	0	0	75
		C		7.43Y	123.8	0.02	2.25	50.10	15	360	94	97					0	0	0	35
PL.46105	PL.11281	A	1/0ACSR	7.32Y	122.0	0.05	4.05	83.19	25	593	140	97	0.38	0.0	3.305	0.031	0	0	0	79
		B		7.43Y	123.8	0.03	2.24	67.10	20	485	116	97					0	0	0	75
		C		7.42Y	123.7	0.03	2.28	50.10	15	360	94	97					0	0	0	35
PL.46106	PL.46105	A	1/0ACSR	7.31Y	121.9	0.05	4.10	83.19	25	593	139	97	0.36	0.0	3.335	0.030	0	0	0	79
		B		7.42Y	123.7	0.03	2.26	67.10	20	485	116	97					0	0	0	75
		C		7.42Y	123.7	0.03	2.30	50.10	15	360	93	97					0	0	0	35
035433	PL.46106	A	Consumer	7.31Y	121.9	0.00	4.10	0.00	0	0	0	100	0.00	0.0	3.335	0.000	0	0	1	1
PL.11283	PL.46106	A	1/0ACSR	7.30Y	121.7	0.17	4.27	83.19	25	592	139	97	1.23	0.1	3.437	0.102	0	0	0	78
		B		7.42Y	123.6	0.09	2.36	67.10	20	485	115	97					0	0	0	75
		C		7.42Y	123.6	0.08	2.39	50.10	15	360	93	97					0	0	0	35
0354101	PL.11283	C	Consumer	7.42Y	123.6	0.00	2.39	2.07	0	15	2	99	0.00	0.0	3.437	0.000	15	2	1	1
PL.11284	PL.11283	A	1/0ACSR	7.30Y	121.6	0.09	4.36	83.19	25	592	138	97	0.64	0.0	3.490	0.053	0	0	0	78
		B		7.42Y	123.6	0.05	2.41	67.10	20	484	115	97					0	0	0	75
		C		7.41Y	123.6	0.04	2.43	48.04	15	345	91	97					0	0	0	34
PL.17423	PL.11284	C	4ACSR	7.41Y	123.6	0.00	2.43	16.76	9	123	20	99	0.00	0.0	3.495	0.005	0	0	0	19
PD.3103	PL.17423	C	25L	7.41Y	123.6	0.00	2.43	16.76	67	123	20	99	0.00	0.0	3.495	0.000	0	0	0	19
PL.17424	PD.3103	C	4ACSR	7.41Y	123.5	0.04	2.47	16.76	9	123	20	99	0.04	0.0	3.552	0.056	0	0	0	19
PL.21702	PL.17424	C	4ACSR	7.41Y	123.5	0.00	2.47	4.03	2	30	5	99	0.00	0.0	3.555	0.004	0	0	0	2
PD.2667	PL.21702	C	fuse6AMP	7.41Y	123.5	0.00	2.47	4.03	69	30	5	99	0.00	0.0	3.555	0.000	0	0	0	2
PL.21703	PD.2667	C	4ACSR	7.41Y	123.5	0.01	2.48	4.03	2	30	5	99	0.00	0.0	3.584	0.029	0	0	0	2
PL.2046	PL.21703	C	4ACSR	7.41Y	123.5	0.00	2.48	0.00	0	0	0	100	0.00	0.0	3.587	0.002	0	0	0	0
035486	PL.21703	C	Consumer	7.41Y	123.5	0.00	2.48	1.87	0	14	2	99	0.00	0.0	3.584	0.000	14	2	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
035410	PL.21703	C	Consumer	7.41Y	123.5	0.00	2.48	2.16	0	16	3	98	0.00	0.0	3.584	0.000	16	3	1	1
PL.11485	PL.17424	C	4ACSR	7.41Y	123.5	0.07	2.54	12.72	7	93	15	99	0.05	0.1	3.679	0.127	0	0	0	17
035412	PL.11485	C	Consumer	7.41Y	123.5	0.00	2.54	0.35	0	3	0	100	0.00	0.0	3.679	0.000	3	0	1	1
PL.11486	PL.11485	C	4ACSR	7.41Y	123.4	0.02	2.57	6.06	3	44	7	99	0.01	0.0	3.771	0.092	0	0	0	10
035473	PL.11486	C	Consumer	7.41Y	123.4	0.00	2.57	0.67	0	5	1	98	0.00	0.0	3.771	0.000	5	1	1	1
035474	PL.11486	C	Consumer	7.41Y	123.4	0.00	2.57	0.92	0	7	1	99	0.00	0.0	3.771	0.000	7	1	1	1
PL.11940	PL.11486	C	4ACSR	7.41Y	123.4	0.01	2.57	4.47	2	33	5	99	0.00	0.0	3.811	0.041	0	0	0	8
PL.19695	PL.11940	C	4ACSR	7.40Y	123.4	0.01	2.58	4.24	2	31	5	99	0.00	0.0	3.865	0.054	0	0	0	6
035414	PL.19695	C	Consumer	7.40Y	123.4	0.00	2.58	0.01	0	0	0	100	0.00	0.0	3.865	0.000	0	0	1	1
PL.19696	PL.19695	C	4ACSR	7.40Y	123.4	0.03	2.61	4.24	2	31	5	99	0.01	0.0	4.007	0.142	0	0	0	5
PL.1834	PL.19696	C	4ACSR	7.40Y	123.4	0.00	2.61	0.60	0	4	1	97	0.00	0.0	4.079	0.072	0	0	0	1
035470	PL.1834	C	Consumer	7.40Y	123.4	0.00	2.61	0.60	0	4	1	97	0.00	0.0	4.079	0.000	4	1	1	1
PL.11941	PL.19696	C	4ACSR	7.40Y	123.4	0.01	2.62	3.64	2	27	4	99	0.00	0.0	4.058	0.052	0	0	0	4
PL.11942	PL.11941	C	4ACSR	7.40Y	123.4	0.01	2.63	3.37	2	25	4	99	0.00	0.0	4.143	0.085	0	0	0	3
PL.1833	PL.11942	C	4ACSR	7.40Y	123.4	0.00	2.63	0.49	0	4	1	97	0.00	0.0	4.218	0.074	0	0	0	1
036413	PL.1833	C	Consumer	7.40Y	123.4	0.00	2.63	0.49	0	4	1	97	0.00	0.0	4.218	0.000	4	1	1	1
036404	PL.11942	C	Consumer	7.40Y	123.4	0.00	2.63	2.45	0	18	3	99	0.00	0.0	4.143	0.000	18	3	1	1
PL.6405	PL.11942	C	4ACSR	7.40Y	123.4	0.00	2.63	0.44	0	3	1	95	0.00	0.0	4.194	0.051	0	0	0	1
PL.6406	PL.6405	C	4ACSR	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	4.518	0.324	0	0	0	0
PL.6381	PL.6406	C	4ACSR	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	4.771	0.253	0	0	0	0
036431	PL.6405	C	Consumer	7.40Y	123.4	0.00	2.63	0.44	0	3	1	95	0.00	0.0	4.194	0.000	3	1	1	1
PL.1835	PL.11941	C	4ACSR	7.40Y	123.4	0.00	2.62	0.26	0	2	0	100	0.00	0.0	4.119	0.061	0	0	0	1
036420	PL.1835	C	Consumer	7.40Y	123.4	0.00	2.62	0.26	0	2	0	100	0.00	0.0	4.119	0.000	2	0	1	1
PL.6383	PL.11940	C	4ACSR	7.41Y	123.4	0.00	2.57	0.21	0	2	0	100	0.00	0.0	3.917	0.105	0	0	0	1
PL.6384	PL.6383	C	4ACSR	7.41Y	123.4	0.00	2.58	0.21	0	2	0	100	0.00	0.0	4.027	0.110	0	0	0	1
036405	PL.6384	C	Consumer	7.41Y	123.4	0.00	2.58	0.21	0	2	0	100	0.00	0.0	4.027	0.000	2	0	1	1
035469	PL.11940	C	Consumer	7.41Y	123.4	0.00	2.57	0.01	0	0	0	100	0.00	0.0	3.811	0.000	0	0	1	1
PL.6401	PL.11485	C	4ACSR	7.41Y	123.4	0.01	2.55	3.16	2	23	4	99	0.00	0.0	3.754	0.076	0	0	0	3
035488	PL.6401	C	Consumer	7.41Y	123.4	0.00	2.55	1.65	0	12	2	99	0.00	0.0	3.754	0.000	12	2	1	1
PL.6402	PL.6401	C	4ACSR	7.41Y	123.4	0.00	2.56	1.52	1	11	2	98	0.00	0.0	3.818	0.064	0	0	0	2
PL.2114	PL.6402	C	4ACSR	7.41Y	123.4	0.00	2.56	0.53	0	4	1	97	0.00	0.0	3.856	0.038	0	0	0	1
035497	PL.2114	C	Consumer	7.41Y	123.4	0.00	2.56	0.53	0	4	1	97	0.00	0.0	3.856	0.000	4	1	1	1
035413	PL.6402	C	Consumer	7.41Y	123.4	0.00	2.56	0.99	0	7	1	99	0.00	0.0	3.818	0.000	7	1	1	1
PL.11487	PL.11485	C	4ACSR	7.41Y	123.5	0.00	2.55	3.15	2	23	4	99	0.00	0.0	3.710	0.032	0	0	0	3
PL.11939	PL.11487	C	4ACSR	7.41Y	123.4	0.01	2.56	2.68	1	20	3	99	0.00	0.0	3.825	0.114	0	0	0	2
035457	PL.11939	C	Consumer	7.41Y	123.4	0.00	2.56	1.04	0	8	1	99	0.00	0.0	3.825	0.000	8	1	1	1
035428	PL.11939	C	Consumer	7.41Y	123.4	0.00	2.56	1.64	0	12	2	99	0.00	0.0	3.825	0.000	12	2	1	1
PL.2051	PL.11487	C	4ACSR	7.41Y	123.5	0.00	2.55	0.47	0	3	1	95	0.00	0.0	3.752	0.042	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
035485	PL.2051	C	Consumer	7.41Y	123.5	0.00	2.55	0.47	0	3	1	95	0.00	0.0	3.752	0.000	3	1	1	1
PL.18410	PL.11284	A	1/0ACSR	7.29Y	121.4	0.20	4.55	83.19	25	591	138	97	1.18	0.1	3.596	0.106	0	0	0	78
		B		7.41Y	123.5	0.09	2.50	67.10	20	484	115	97					0	0	0	75
		C		7.41Y	123.5	0.05	2.47	31.40	10	222	71	95					0	0	0	15
PL.18411	PL.18410	A	1/0ACSR	7.28Y	121.3	0.10	4.65	83.19	25	590	137	97	0.59	0.0	3.649	0.053	0	0	0	78
		B		7.41Y	123.5	0.04	2.54	67.10	20	484	114	97					0	0	0	75
		C		7.41Y	123.5	0.02	2.50	31.40	10	222	71	95					0	0	0	15
PL.18780	PL.18411	B	4ACSR	7.41Y	123.5	0.00	2.54	2.22	1	16	3	98	0.00	0.0	3.659	0.010	0	0	0	3
PD.541	PL.18780	B	fuse6AMP	7.41Y	123.5	0.00	2.54	2.22	38	16	3	98	0.00	0.0	3.659	0.000	0	0	0	3
PL.18781	PD.541	B	4ACSR	7.41Y	123.5	0.00	2.55	2.22	1	16	3	98	0.00	0.0	3.681	0.023	0	0	0	3
PL.2121	PL.18781	B	4ACSR	7.41Y	123.5	0.00	2.55	0.58	0	4	1	97	0.00	0.0	3.721	0.040	0	0	0	1
035403	PL.2121	B	Consumer	7.41Y	123.5	0.00	2.55	0.58	0	4	1	97	0.00	0.0	3.721	0.000	4	1	1	1
PL.2122	PL.18781	B	4ACSR	7.41Y	123.5	0.00	2.55	1.27	1	9	2	98	0.00	0.0	3.745	0.063	0	0	0	1
035490	PL.2122	B	Consumer	7.41Y	123.5	0.00	2.55	1.27	0	9	2	98	0.00	0.0	3.745	0.000	9	2	1	1
PL.11943	PL.18781	B	4ACSR	7.41Y	123.5	0.00	2.55	0.37	0	3	0	100	0.00	0.0	3.764	0.083	0	0	0	1
PL.6387	PL.11943	B	4ACSR	7.41Y	123.5	0.00	2.55	0.37	0	3	0	100	0.00	0.0	3.764	0.000	0	0	0	1
035442	PL.6387	B	Consumer	7.41Y	123.5	0.00	2.55	0.37	0	3	0	100	0.00	0.0	3.764	0.000	3	0	1	1
PL.11944	PL.18411	A	1/0ACSR	7.28Y	121.3	0.06	4.71	83.19	25	590	137	97	0.36	0.0	3.682	0.034	0	0	0	78
		B		7.41Y	123.4	0.03	2.57	64.89	20	468	111	97					0	0	0	72
		C		7.41Y	123.5	0.02	2.51	31.40	10	222	71	95					0	0	0	15
PL.28107	PL.11944	C	4ACSR	7.41Y	123.5	0.00	2.51	4.62	2	34	6	98	0.00	0.0	3.689	0.006	0	0	0	4
PD.542	PL.28107	C	fuse6AMP	7.41Y	123.5	0.00	2.51	4.62	79	34	6	98	0.00	0.0	3.689	0.000	0	0	0	4
PL.28108	PD.542	C	4ACSR	7.41Y	123.5	0.01	2.52	4.62	2	34	6	98	0.00	0.0	3.724	0.035	0	0	0	4
035459	PL.28108	C	Consumer	7.41Y	123.5	0.00	2.52	2.06	0	15	2	99	0.00	0.0	3.724	0.000	15	2	1	1
035461	PL.28108	C	Consumer	7.41Y	123.5	0.00	2.52	1.12	0	8	1	99	0.00	0.0	3.724	0.000	8	1	1	1
035487	PL.28108	C	Consumer	7.41Y	123.5	0.00	2.52	0.30	0	2	0	100	0.00	0.0	3.724	0.000	2	0	1	1
035462	PL.28108	C	Consumer	7.41Y	123.5	0.00	2.52	1.14	0	8	1	99	0.00	0.0	3.724	0.000	8	1	1	1
035481	PL.28108	C	Consumer	7.41Y	123.5	0.00	2.52	0.00	0	0	0	100	0.00	0.0	3.724	0.000	0	0	0	0
PL.11945	PL.11944	A	1/0ACSR	7.26Y	121.0	0.31	5.03	83.19	25	590	137	97	1.78	0.1	3.848	0.166	0	0	0	78
		B		7.40Y	123.3	0.13	2.70	64.89	20	467	111	97					0	0	0	72
		C		7.41Y	123.4	0.06	2.57	26.84	8	188	65	94					0	0	0	11
PL.11946	PL.11945	A	1/0ACSR	7.25Y	120.8	0.15	5.17	83.19	25	588	136	97	0.81	0.1	3.924	0.076	0	0	0	78
		B		7.39Y	123.2	0.06	2.76	64.89	20	467	110	97					0	0	0	72
		C		7.40Y	123.4	0.02	2.59	24.00	7	167	62	94					0	0	0	8
035438	PL.11946	C	Consumer	7.40Y	123.4	0.00	2.59	0.59	0	4	1	97	0.00	0.0	3.924	0.000	4	1	1	1
035494	PL.11946	C	Consumer	7.40Y	123.4	0.00	2.59	2.16	0	16	3	98	0.00	0.0	3.924	0.000	16	3	1	1
PL.11947	PL.11946	A	1/0ACSR	7.24Y	120.6	0.23	5.40	83.19	25	588	135	97	1.25	0.1	4.041	0.117	0	0	0	78
		B		7.39Y	123.2	0.09	2.84	64.89	20	467	110	97					0	0	0	72
		C		7.40Y	123.4	0.03	2.62	21.31	6	147	58	93					0	0	0	6
PL.11951	PL.11947	A	1/0ACSR	7.23Y	120.5	0.08	5.49	83.19	25	587	134	97	0.46	0.0	4.085	0.044	0	0	0	78
		B		7.39Y	123.1	0.03	2.88	64.73	20	466	109	97					0	0	0	71
		C		7.40Y	123.4	0.01	2.63	21.31	6	147	58	93					0	0	0	6
PL.11952	PL.11951	A	1/0ACSR	7.23Y	120.5	0.06	5.55	74.52	23	529	102	98	0.30	0.0	4.120	0.035	0	0	0	75
		B		7.39Y	123.1	0.02	2.90	57.18	17	415	78	98					0	0	0	69
		C		7.40Y	123.4	0.00	2.63	13.43	4	96	27	96					0	0	0	3
036401	PL.11952	B	Consumer	7.39Y	123.1	0.00	2.90	0.24	0	2	0	100	0.00	0.0	4.120	0.000	2	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 036402, 036414, 036421, PL.11948, PL.20575, PD.280-A, PD.280-B, PL.20576, PL.11950, PD.3101, PL.11954, PL.28188, PD.3095, PL.28189, 0363073, 036301, PL.6361, 036351, 036363, PL.11955, PL.11956, PL.2104, 036358, PL.18054, PD.1279, PL.18053, PL.2098, PL.28162.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.28163	PL.28162	B	4ACSR	7.38Y	122.9	0.00	3.06	0.61	0	4	1	97	0.00	0.0	4.674	0.034	0	0	0	1
036403	PL.28163	B	Consumer	7.38Y	122.9	0.00	3.06	0.61	0	4	1	97	0.00	0.0	4.674	0.000	4	1	1	1
036412	PL.28162	B	Consumer	7.38Y	122.9	0.00	3.06	0.22	0	2	0	100	0.00	0.0	4.639	0.000	2	0	1	1
036343	PL.18053	B	Consumer	7.38Y	122.9	0.00	3.05	0.84	0	6	1	99	0.00	0.0	4.496	0.000	6	1	1	1
PL.11957	PL.11956	A	1/0ACSR	7.20Y	120.0	0.07	6.00	35.14	11	248	51	98	0.16	0.0	4.563	0.093	0	0	0	24
		B		7.38Y	122.9	0.02	3.07	23.87	7	172	37	98					0	0	0	16
		C		7.40Y	123.3	0.02	2.70	12.10	4	87	23	97					0	0	0	2
036348	PL.11957	C	Consumer	7.40Y	123.3	0.00	2.70	0.65	0	5	1	98	0.00	0.0	4.563	0.000	5	1	1	1
036370	PL.11957	C	Consumer	7.40Y	123.3	0.00	2.70	0.02	0	0	0	100	0.00	0.0	4.563	0.000	0	0	1	1
PL.11958	PL.11957	A	1/0ACSR	7.20Y	119.9	0.08	6.08	35.14	11	248	51	98	0.18	0.0	4.664	0.102	0	0	0	24
		B		7.37Y	122.9	0.03	3.10	23.87	7	172	37	98					0	0	0	16
		C		7.40Y	123.3	0.02	2.72	11.44	3	82	22	97					0	0	0	0
PL.11959	PL.11958	A	1/0ACSR	7.19Y	119.8	0.11	6.19	32.86	10	232	48	98	0.25	0.1	4.822	0.158	0	0	0	22
		B		7.37Y	122.9	0.04	3.14	23.44	7	169	36	98					0	0	0	15
		C		7.40Y	123.3	0.03	2.74	11.44	3	82	22	97					0	0	0	0
PL.6354	PL.11959	A	4ACSR	7.19Y	119.8	0.03	6.22	17.88	9	127	22	99	0.03	0.0	4.865	0.042	0	0	0	19
PL.11960	PL.6354	A	4ACSR	7.19Y	119.8	0.01	6.23	17.88	9	127	22	99	0.01	0.0	4.875	0.010	0	0	0	19
PL.29277	PL.11960	A	4ACSR	7.19Y	119.8	0.00	6.23	0.73	0	5	1	98	0.00	0.0	4.895	0.020	0	0	0	2
036319	PL.29277	A	Consumer	7.19Y	119.8	0.00	6.23	0.59	0	4	1	97	0.00	0.0	4.895	0.000	4	1	1	1
036360	PL.29277	A	Consumer	7.19Y	119.8	0.00	6.23	0.15	0	1	0	100	0.00	0.0	4.895	0.000	1	0	1	1
PL.11961	PL.11960	A	4ACSR	7.18Y	119.7	0.05	6.28	7.83	4	56	9	99	0.02	0.0	5.029	0.154	0	0	0	8
PL.11962	PL.11961	A	4ACSR	7.18Y	119.7	0.00	6.28	0.60	0	4	1	97	0.00	0.0	5.050	0.021	0	0	0	1
036306	PL.11962	A	Consumer	7.18Y	119.7	0.00	6.28	0.60	0	4	1	97	0.00	0.0	5.050	0.000	4	1	1	1
PL.19007	PL.11961	A	4ACSR	7.18Y	119.7	0.01	6.29	3.74	2	27	4	99	0.00	0.0	5.070	0.041	0	0	0	4
036359	PL.19007	A	Consumer	7.18Y	119.7	0.00	6.29	0.84	0	6	1	99	0.00	0.0	5.070	0.000	6	1	1	1
PL.19008	PL.19007	A	4ACSR	7.18Y	119.7	0.00	6.29	2.90	1	21	3	99	0.00	0.0	5.086	0.016	0	0	0	3
036354	PL.19008	A	Consumer	7.18Y	119.7	0.00	6.29	0.62	0	4	1	97	0.00	0.0	5.086	0.000	4	1	1	1
036355	PL.19008	A	Consumer	7.18Y	119.7	0.00	6.29	1.44	0	10	2	98	0.00	0.0	5.086	0.000	10	2	1	1
036362	PL.19008	A	Consumer	7.18Y	119.7	0.00	6.29	0.84	0	6	1	99	0.00	0.0	5.086	0.000	6	1	1	1
PL.2088	PL.11961	A	4ACSR	7.18Y	119.7	0.00	6.29	1.70	1	12	2	99	0.00	0.0	5.077	0.048	0	0	0	1
036336	PL.2088	A	Consumer	7.18Y	119.7	0.00	6.29	1.70	0	12	2	99	0.00	0.0	5.077	0.000	12	2	1	1
PL.2089	PL.11961	A	4ACSR	7.18Y	119.7	0.00	6.29	1.79	1	13	2	99	0.00	0.0	5.091	0.061	0	0	0	2
036364	PL.2089	A	Consumer	7.18Y	119.7	0.00	6.29	0.58	0	4	1	97	0.00	0.0	5.091	0.000	4	1	1	1
036323	PL.2089	A	Consumer	7.18Y	119.7	0.00	6.29	1.21	0	9	1	99	0.00	0.0	5.091	0.000	9	1	1	1
PL.6355	PL.11960	A	4ACSR	7.19Y	119.8	0.01	6.24	9.32	5	66	12	98	0.00	0.0	4.890	0.015	0	0	0	9
036317	PL.6355	A	Consumer	7.19Y	119.8	0.00	6.24	1.77	0	13	2	99	0.00	0.0	4.890	0.000	13	2	1	1
036320	PL.6355	A	Consumer	7.19Y	119.8	0.00	6.24	1.97	0	14	2	99	0.00	0.0	4.890	0.000	14	2	1	1
PL.6356	PL.6355	A	4ACSR	7.19Y	119.8	0.01	6.24	5.59	3	39	7	98	0.00	0.0	4.919	0.030	0	0	0	7
PL.2090	PL.6356	A	4ACSR	7.18Y	119.7	0.01	6.25	3.26	2	23	4	99	0.00	0.0	4.963	0.044	0	0	0	4
PL.29279	PL.2090	A	4ACSR	7.18Y	119.7	0.00	6.25	3.26	2	23	4	99	0.00	0.0	4.987	0.024	0	0	0	4
036366	PL.29279	A	Consumer	7.18Y	119.7	0.00	6.25	1.36	0	10	2	98	0.00	0.0	4.987	0.000	10	2	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss		Length (mi)	KW			KVAR	
036342	PL.29279	A	Consumer	7.18Y	119.7	0.00	6.25	0.21	0	1	0	100	0.00	0.0	4.987	0.000	1	0	1	1
036344	PL.29279	A	Consumer	7.18Y	119.7	0.00	6.25	0.21	0	2	0	100	0.00	0.0	4.987	0.000	2	0	1	1
SRL.33342	PL.29279	A	Consumer	7.18Y	119.7	0.00	6.25	0.00	0	0	0	100	0.00	0.0	4.987	0.000	0	0	0	0
036345	PL.29279	A	Consumer	7.18Y	119.7	0.00	6.25	1.48	0	10	2	98	0.00	0.0	4.987	0.000	10	2	1	1
036346	PL.6356	A	Consumer	7.19Y	119.8	0.00	6.24	0.91	0	6	1	99	0.00	0.0	4.919	0.000	6	1	1	1
036349	PL.6356	A	Consumer	7.19Y	119.8	0.00	6.24	0.48	0	3	2	83	0.00	0.0	4.919	0.000	3	2	1	1
036332	PL.6356	A	Consumer	7.19Y	119.8	0.00	6.24	0.96	0	7	1	99	0.00	0.0	4.919	0.000	7	1	1	1
PL.20212	PL.11959	A	1/0ACSR	7.19Y	119.8	0.00	6.19	15.00	5	105	26	97	0.01	0.0	4.829	0.007	0	0	0	3
		B		7.37Y	122.9	0.00	3.14	22.14	7	159	35	98					0	0	0	13
		C		7.40Y	123.3	0.00	2.75	11.44	3	82	22	97					0	0	0	0
PD.3099	PL.20212	A	25V4E	7.19Y	119.8	0.00	6.19	15.00	60	105	26	97	0.00	0.0	4.829	0.000	0	0	0	3
C		B		7.37Y	122.9	0.00	3.14	22.14	89	159	35	98					0	0	0	13
		C		7.40Y	123.3	0.00	2.75	11.44	46	82	22	97					0	0	0	0
PL.20213	PD.3099	A	1/0ACSR	7.19Y	119.8	0.05	6.24	15.00	5	105	26	97	0.11	0.0	4.971	0.141	0	0	0	3
		B		7.37Y	122.8	0.06	3.20	22.14	7	159	35	98					0	0	0	13
		C		7.39Y	123.2	0.02	2.76	11.44	3	82	22	97					0	0	0	0
0363075	PL.20213	C	Consumer	7.39Y	123.2	0.00	2.76	0.00	0	0	0	100	0.00	0.0	4.971	0.000	0	0	0	0
PL.11963	PL.20213	A	1/0ACSR	7.18Y	119.7	0.01	6.25	15.00	5	105	26	97	0.03	0.0	5.004	0.034	0	0	0	3
		B		7.37Y	122.8	0.01	3.21	22.14	7	159	35	98					0	0	0	13
		C		7.39Y	123.2	0.00	2.76	11.44	3	82	22	97					0	0	0	0
PL.37630	PL.11963	B	2ACSR	7.37Y	122.8	0.00	3.21	0.02	0	0	0	100	0.00	0.0	5.046	0.042	0	0	0	1
0363072	PL.37630	B	Consumer	7.37Y	122.8	0.00	3.21	0.02	0	0	0	100	0.00	0.0	5.046	0.000	0	0	1	1
PL.11966	PL.11963	A	1/0ACSR	7.18Y	119.7	0.03	6.28	15.00	5	105	26	97	0.06	0.0	5.102	0.098	0	0	0	3
		B		7.37Y	122.8	0.03	3.24	18.13	5	130	30	97					0	0	0	8
		C		7.39Y	123.2	0.01	2.78	11.44	3	82	22	97					0	0	0	0
PL.6350	PL.11966	B	4ACSR	7.37Y	122.8	0.00	3.25	4.95	3	36	6	99	0.00	0.0	5.125	0.023	0	0	0	5
PL.6351	PL.6350	B	4ACSR	7.36Y	122.7	0.00	3.25	1.83	1	13	2	99	0.00	0.0	5.182	0.057	0	0	0	1
036333	PL.6351	B	Consumer	7.36Y	122.7	0.00	3.25	1.83	0	13	2	99	0.00	0.0	5.182	0.000	13	2	1	1
036326	PL.6351	B	Consumer	7.36Y	122.7	0.00	3.25	0.00	0	0	0	100	0.00	0.0	5.182	0.000	0	0	0	0
PL.2100	PL.6350	B	4ACSR	7.36Y	122.7	0.00	3.25	0.86	0	6	1	99	0.00	0.0	5.237	0.112	0	0	0	1
036327	PL.2100	B	Consumer	7.36Y	122.7	0.00	3.25	0.86	0	6	1	99	0.00	0.0	5.237	0.000	6	1	1	1
036331	PL.6350	B	Consumer	7.37Y	122.8	0.00	3.25	0.97	0	7	1	99	0.00	0.0	5.125	0.000	7	1	1	1
036322	PL.6350	B	Consumer	7.37Y	122.8	0.00	3.25	0.51	0	4	1	97	0.00	0.0	5.125	0.000	4	1	1	1
036338	PL.6350	B	Consumer	7.37Y	122.8	0.00	3.25	0.76	0	6	1	99	0.00	0.0	5.125	0.000	6	1	1	1
PL.11967	PL.11966	A	1/0ACSR	7.18Y	119.7	0.01	6.29	15.00	5	105	26	97	0.01	0.0	5.124	0.022	0	0	0	3
		B		7.37Y	122.8	0.00	3.25	13.19	4	94	24	97					0	0	0	3
		C		7.39Y	123.2	0.00	2.78	11.44	3	82	22	97					0	0	0	0
PL.11968	PL.11967	A	1/0ACSR	7.18Y	119.7	0.03	6.32	13.01	4	90	23	97	0.05	0.0	5.246	0.122	0	0	0	1
		B		7.36Y	122.7	0.03	3.27	13.19	4	94	24	97					0	0	0	3
		C		7.39Y	123.2	0.02	2.81	11.44	3	82	22	97					0	0	0	0
PL.11969	PL.11968	A	1/0ACSR	7.18Y	119.7	0.01	6.32	13.01	4	90	23	97	0.01	0.0	5.275	0.029	0	0	0	1
		B		7.36Y	122.7	0.01	3.28	13.19	4	94	24	97					0	0	0	3
		C		7.39Y	123.2	0.01	2.81	11.44	3	82	22	97					0	0	0	0
PL.11970	PL.11969	A	1/0ACSR	7.18Y	119.7	0.01	6.34	13.01	4	90	23	97	0.02	0.0	5.330	0.055	0	0	0	1
		B		7.36Y	122.7	0.01	3.29	11.48	3	82	22	97					0	0	0	0
		C		7.39Y	123.2	0.01	2.82	11.44	3	82	22	97					0	0	0	0
PL.2128	PL.11970	A	4ACSR	7.18Y	119.7	0.00	6.34	1.24	1	9	1	99	0.00	0.0	5.374	0.044	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
037304	PL.2128	A	Consumer	7.18Y	119.7	0.00	6.34	1.24	0	9	1	99	0.00	0.0	5.374	0.000	9	1	1	1
PL.11971	PL.11970	A	1/0ACSR	7.18Y	119.7	0.01	6.35	11.78	4	82	22	97	0.02	0.0	5.378	0.048	0	0	0	0
		B		7.36Y	122.7	0.01	3.30	11.48	3	82	22	97					0	0	0	0
		C		7.39Y	123.2	0.01	2.83	11.44	3	82	22	97					0	0	0	0
PL.30987	PL.11971	A	1/0ACSR	7.18Y	119.6	0.02	6.36	11.78	4	82	22	97	0.03	0.0	5.452	0.073	0	0	0	0
		B		7.36Y	122.7	0.01	3.32	11.48	3	82	22	97					0	0	0	0
		C		7.39Y	123.2	0.01	2.85	11.44	3	82	22	97					0	0	0	0
037306	PL.30987	C	Consumer	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	5.452	0.000	0	0	0	0
PL.30988	PL.30987	A	1/0ACSR	7.18Y	119.6	0.00	6.36	11.78	4	82	22	97	0.00	0.0	5.454	0.002	0	0	0	0
		B		7.36Y	122.7	0.00	3.32	11.48	3	82	22	97					0	0	0	0
		C		7.39Y	123.2	0.00	2.85	11.44	3	82	22	97					0	0	0	0
037305	PL.30988	A	Consumer	7.18Y	119.6	0.00	6.36	11.78	0	82	22	97	0.00	0.0	5.454	0.000	82	22	0	0
		B		7.36Y	122.7	0.00	3.32	11.48	0	82	22	97					82	22	0	0
		C		7.39Y	123.2	0.00	2.85	11.44	0	82	22	97					82	22	0	0
PL.2129	PL.11969	B	4ACSR	7.36Y	122.7	0.00	3.28	1.35	1	10	2	98	0.00	0.0	5.331	0.056	0	0	0	2
037302	PL.2129	B	Consumer	7.36Y	122.7	0.00	3.28	0.97	0	7	1	99	0.00	0.0	5.331	0.000	7	1	1	1
PL.2126	PL.2129	B	4ACSR	7.36Y	122.7	0.00	3.28	0.38	0	3	0	100	0.00	0.0	5.359	0.028	0	0	0	1
037303	PL.2126	B	Consumer	7.36Y	122.7	0.00	3.28	0.38	0	3	0	100	0.00	0.0	5.359	0.000	3	0	1	1
037301	PL.11969	B	Consumer	7.36Y	122.7	0.00	3.28	0.37	0	3	0	100	0.00	0.0	5.275	0.000	3	0	1	1
PL.45942	PL.11967	A	4ACSR	7.18Y	119.7	0.00	6.29	1.99	1	14	2	99	0.00	0.0	5.137	0.013	0	0	0	2
PD.8693	PL.45942	A	fuse6AMP	7.18Y	119.7	0.00	6.29	1.99	34	14	2	99	0.00	0.0	5.137	0.000	0	0	0	2
PL.45943	PD.8693	A	4ACSR	7.18Y	119.7	0.02	6.30	1.99	1	14	2	99	0.00	0.0	5.326	0.189	0	0	0	2
PL.6371	PL.45943	A	4ACSR	7.18Y	119.7	0.00	6.30	0.19	0	1	0	100	0.00	0.0	5.399	0.073	0	0	0	1
036365	PL.6371	A	Consumer	7.18Y	119.7	0.00	6.30	0.19	0	1	0	100	0.00	0.0	5.399	0.000	1	0	1	1
036368	PL.45943	A	Consumer	7.18Y	119.7	0.00	6.30	1.81	0	13	2	99	0.00	0.0	5.326	0.000	13	2	1	1
PL.2101	PL.11963	B	4ACSR	7.37Y	122.8	0.00	3.21	1.41	1	10	2	98	0.00	0.0	5.043	0.039	0	0	0	2
036369	PL.2101	B	Consumer	7.37Y	122.8	0.00	3.21	0.96	0	7	1	99	0.00	0.0	5.043	0.000	7	1	1	1
PL.11965	PL.2101	B	4ACSR	7.37Y	122.8	0.00	3.21	0.00	0	0	0	100	0.00	0.0	5.073	0.029	0	0	0	0
PL.11964	PL.2101	B	4ACSR	7.37Y	122.8	0.00	3.21	0.45	0	3	1	95	0.00	0.0	5.059	0.016	0	0	0	1
036315	PL.11964	B	Consumer	7.37Y	122.8	0.00	3.21	0.45	0	3	1	95	0.00	0.0	5.059	0.000	3	1	1	1
036307	PL.11963	B	Consumer	7.37Y	122.8	0.00	3.21	1.04	0	8	1	99	0.00	0.0	5.004	0.000	8	1	1	1
036353	PL.11963	B	Consumer	7.37Y	122.8	0.00	3.21	1.55	0	11	2	98	0.00	0.0	5.004	0.000	11	2	1	1
PL.6357	PL.11959	B	4ACSR	7.37Y	122.9	0.00	3.14	1.30	1	9	2	98	0.00	0.0	4.875	0.053	0	0	0	2
036305	PL.6357	B	Consumer	7.37Y	122.9	0.00	3.14	1.30	0	9	2	98	0.00	0.0	4.875	0.000	9	2	1	1
PL.6358	PL.6357	B	4ACSR	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	4.875	0.000	0	0	0	1
PL.29278	PL.6358	B	4ACSR	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	4.945	0.069	0	0	0	1
036341	PL.29278	B	Consumer	7.37Y	122.9	0.00	3.14	0.00	0	0	0	100	0.00	0.0	4.945	0.000	0	0	1	1
PL.2102	PL.11958	A	4ACSR	7.19Y	119.9	0.01	6.09	2.28	1	16	3	98	0.00	0.0	4.750	0.086	0	0	0	2
036313	PL.2102	A	Consumer	7.19Y	119.9	0.00	6.09	1.93	0	14	2	99	0.00	0.0	4.750	0.000	14	2	1	1
036329	PL.2102	A	Consumer	7.19Y	119.9	0.00	6.09	0.35	0	2	0	100	0.00	0.0	4.750	0.000	2	0	1	1
PL.2103	PL.11958	B	4ACSR	7.37Y	122.9	0.00	3.10	0.43	0	3	1	95	0.00	0.0	4.698	0.033	0	0	0	1
036337	PL.2103	B	Consumer	7.37Y	122.9	0.00	3.10	0.43	0	3	1	95	0.00	0.0	4.698	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.20134	PL.11955	B	4ACSR	7.38Y	123.0	0.00	3.03	4.08	2	30	4	99	0.00	0.0	4.405	0.006	0	0	0	7
PD.1280	PL.20134	B	fuse6AMP	7.38Y	123.0	0.00	3.03	4.08	70	30	4	99	0.00	0.0	4.405	0.000	0	0	0	7
PL.28062	PD.1280	B	4ACSR	7.38Y	123.0	0.01	3.04	4.08	2	30	4	99	0.00	0.0	4.466	0.061	0	0	0	7
PL.23272	PL.28062	B	4ACSR	7.38Y	122.9	0.02	3.07	3.68	2	27	4	99	0.00	0.0	4.620	0.154	0	0	0	6
036335	PL.23272	B	Consumer	7.38Y	122.9	0.00	3.07	0.29	0	2	0	100	0.00	0.0	4.620	0.000	2	0	1	1
PL.21111	PL.23272	B	4ACSR	7.37Y	122.9	0.02	3.08	2.75	1	20	3	99	0.00	0.0	4.779	0.159	0	0	0	3
P PL.43970	PL.21111	B	1/0EPRJCN	7.37Y	122.9	-0.00	3.08	-0.05	0	0	0	100	0.00	0.0	4.861	0.081	0	0	0	0 P
0363074	PL.43970	B	Consumer	7.37Y	122.9	0.00	3.08	0.00	0	0	0	100	0.00	0.0	4.861	0.000	0	0	0	0
036311	PL.21111	B	Consumer	7.37Y	122.9	0.00	3.08	2.45	0	18	3	99	0.00	0.0	4.779	0.000	18	3	1	1
0363071	PL.21111	B	Consumer	7.37Y	122.9	0.00	3.08	0.03	0	0	0	100	0.00	0.0	4.779	0.000	0	0	1	1
036302	PL.21111	B	Consumer	7.37Y	122.9	0.00	3.08	0.28	0	2	0	100	0.00	0.0	4.779	0.000	2	0	1	1
PL.18052	PL.23272	B	4ACSR	7.38Y	122.9	0.00	3.07	0.64	0	5	1	98	0.00	0.0	4.622	0.002	0	0	0	2
PL.21112	PL.18052	B	4ACSR	7.38Y	122.9	0.00	3.07	0.64	0	5	1	98	0.00	0.0	4.686	0.064	0	0	0	1
036334	PL.21112	B	Consumer	7.38Y	122.9	0.00	3.07	0.64	0	5	1	98	0.00	0.0	4.686	0.000	5	1	1	1
PL.18189	PL.18052	B	4ACSR	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	4.632	0.010	0	0	0	1
PD.1278	PL.18189	B	fuse6AMP	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	4.632	0.000	0	0	0	1
PL.18190	PD.1278	B	4ACSR	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	4.658	0.026	0	0	0	1
036361	PL.18190	B	Consumer	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	4.658	0.000	0	0	1	1
036303	PL.28062	B	Consumer	7.38Y	123.0	0.00	3.04	0.40	0	3	0	100	0.00	0.0	4.466	0.000	3	0	1	1
036356	PL.11955	A	Consumer	7.21Y	120.1	0.00	5.87	0.00	0	0	0	100	0.00	0.0	4.399	0.000	0	0	1	1
PL.18257	PL.11950	A	1/0ACSR	7.22Y	120.3	0.00	5.75	37.83	11	269	48	98	0.01	0.0	4.236	0.005	0	0	0	47
		B		7.38Y	123.0	0.00	2.96	22.65	7	165	28	99					0	0	0	37
PD.1277	PL.18257	A	50V4E	7.22Y	120.3	0.00	5.75	37.83	0	269	48	98	0.00	0.0	4.236	0.000	0	0	0	47
		B		7.38Y	123.0	0.00	2.96	22.65	0	165	28	99					0	0	0	37
PL.18258	PD.1277	A	1/0ACSR	7.21Y	120.1	0.13	5.88	37.83	11	269	48	98	0.28	0.1	4.382	0.146	0	0	0	47
		B		7.38Y	123.0	0.02	2.98	22.65	7	165	28	99					0	0	0	37
035305	PL.18258	B	Consumer	7.38Y	123.0	0.00	2.98	0.40	0	3	0	100	0.00	0.0	4.382	0.000	3	0	1	1
035311	PL.18258	B	Consumer	7.38Y	123.0	0.00	2.98	0.43	0	3	1	95	0.00	0.0	4.382	0.000	3	1	1	1
PL.11949	PL.18258	A	1/0ACSR	7.21Y	120.1	0.02	5.90	37.83	11	268	48	98	0.05	0.0	4.408	0.026	0	0	0	47
		B		7.38Y	123.0	0.00	2.99	21.82	7	159	27	99					0	0	0	35
PL.21592	PL.11949	A	1/0ACSR	7.21Y	120.1	0.00	5.91	37.83	11	268	48	98	0.01	0.0	4.413	0.005	0	0	0	47
		B		7.38Y	123.0	0.00	2.99	21.82	7	159	27	99					0	0	0	35
PL.21593	PL.21592	A	1/0ACSR	7.20Y	120.0	0.09	6.00	37.83	11	268	48	98	0.19	0.0	4.514	0.101	0	0	0	47
		B		7.38Y	123.0	0.01	3.00	21.82	7	159	27	99					0	0	0	35
PL.2099	PL.21593	B	4ACSR	7.38Y	123.0	0.00	3.01	1.62	1	12	2	99	0.00	0.0	4.550	0.036	0	0	0	2
035364	PL.2099	B	Consumer	7.38Y	123.0	0.00	3.01	0.92	0	7	1	99	0.00	0.0	4.550	0.000	7	1	1	1
0353073	PL.2099	B	Consumer	7.38Y	123.0	0.00	3.01	0.69	0	5	1	98	0.00	0.0	4.550	0.000	5	1	1	1
PL.11972	PL.21593	B	4ACSR	7.38Y	123.0	0.00	3.01	2.85	1	21	3	99	0.00	0.0	4.545	0.030	0	0	0	4
PL.11973	PL.11972	B	4ACSR	7.38Y	123.0	0.00	3.01	0.26	0	2	0	100	0.00	0.0	4.577	0.033	0	0	0	2
035357	PL.11973	B	Consumer	7.38Y	123.0	0.00	3.01	0.00	0	0	0	100	0.00	0.0	4.577	0.000	0	0	1	1
035308	PL.11973	B	Consumer	7.38Y	123.0	0.00	3.01	0.26	0	2	0	100	0.00	0.0	4.577	0.000	2	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data rows for various elements like PL.2093, 035343, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
035339	PL.6367	B	Consumer	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	5.276	0.000	0	0	1	1		
PL.6369	PL.6367	A	1/0ACSR	7.15Y	119.2	0.15	6.79	37.83	11	267	46	99	0.27	0.1	5.453	0.177	0	0	0	47		
		B		7.39Y	123.2	-0.06	2.79	0.66	0	5	1	99					0	0	0	1		
REG72	PL.6369	A	1ph-100A-7	7.56Y	126.0	-6.79	0.00	37.83	38	267	46	99	percent Boost= 5.69 Tap= 9.1							47		
PL.19961	REG72	A	4ACSR	7.55Y	125.9	0.13	0.13	35.79	18	267	46	99	0.26	0.1	5.537	0.084	0	0	0	47		
035333	PL.19961	A	Consumer	7.55Y	125.9	0.00	0.13	1.02	0	8	1	99	0.00	0.0	5.537	0.000	8	1	1	1		
035326	PL.19961	A	Consumer	7.55Y	125.9	0.00	0.13	0.19	0	1	0	100	0.00	0.0	5.537	0.000	1	0	1	1		
035342	PL.19961	A	Consumer	7.55Y	125.9	0.00	0.13	0.05	0	0	0	100	0.00	0.0	5.537	0.000	0	0	1	1		
035332	PL.19961	A	Consumer	7.55Y	125.9	0.00	0.13	0.50	0	4	1	97	0.00	0.0	5.537	0.000	4	1	1	1		
035353	PL.19961	A	Consumer	7.55Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	5.537	0.000	0	0	0	0		
035331	PL.19961	A	Consumer	7.55Y	125.9	0.00	0.13	0.71	0	5	1	98	0.00	0.0	5.537	0.000	5	1	1	1		
PL.19962	PL.19961	A	4ACSR	7.55Y	125.8	0.11	0.24	33.32	17	248	42	99	0.21	0.1	5.616	0.078	0	0	0	42		
PL.25733	PL.19962	A	4ACSR	7.54Y	125.6	0.13	0.37	32.02	17	238	41	99	0.22	0.1	5.706	0.090	0	0	0	40		
035212	PL.25733	A	Consumer	7.54Y	125.6	0.00	0.37	1.30	0	10	2	98	0.00	0.0	5.706	0.000	10	2	1	1		
035214	PL.25733	A	Consumer	7.54Y	125.6	0.00	0.37	1.45	0	11	2	98	0.00	0.0	5.706	0.000	11	2	1	1		
PL.25734	PL.25733	A	4ACSR	7.53Y	125.5	0.15	0.52	29.27	15	217	37	99	0.25	0.1	5.827	0.120	0	0	0	38		
PL.20448	PL.25734	A	4ACSR	7.52Y	125.4	0.08	0.60	29.09	15	216	37	99	0.12	0.1	5.887	0.060	0	0	0	37		
PD.281-A	PL.20448	A	Closed	7.52Y	125.4	0.00	0.60	29.09	0	216	37	99	0.00	0.0	5.887	0.000	0	0	0	37		
PD.281-B	PD.281-A	A	Closed	7.52Y	125.4	0.00	0.60	29.09	0	216	37	99	0.00	0.0	5.887	0.000	0	0	0	37		
PL.20449	PD.281-B	A	4ACSR	7.52Y	125.4	0.01	0.61	29.09	15	216	37	99	0.02	0.0	5.895	0.008	0	0	0	37		
PL.40592	PL.20449	A	4ACSR	7.52Y	125.3	0.10	0.70	28.31	15	210	36	99	0.15	0.1	5.973	0.079	0	0	0	36		
PL.40593	PL.40592	A	4ACSR	7.46Y	124.3	0.98	1.69	28.31	15	210	36	99	1.54	0.7	6.776	0.803	0	0	0	36		
PD.282-A	PL.40593	A	Closed	7.46Y	124.3	0.00	1.69	28.31	0	208	35	99	0.00	0.0	6.776	0.000	0	0	0	36		
PD.282-B	PD.282-A	A	Closed	7.46Y	124.3	0.00	1.69	28.31	0	208	35	99	0.00	0.0	6.776	0.000	0	0	0	36		
PL.20389	PD.282-B	A	4ACSR	7.46Y	124.3	0.06	1.75	28.31	15	208	35	99	0.10	0.0	6.827	0.051	0	0	0	36		
PL.6373	PL.20389	A	4ACSR	7.45Y	124.2	0.10	1.85	26.12	13	192	32	99	0.14	0.1	6.914	0.087	0	0	0	33		
036231	PL.6373	A	Consumer	7.45Y	124.2	0.00	1.85	0.51	0	4	1	97	0.00	0.0	6.914	0.000	4	1	1	1		
PL.6372	PL.6373	A	4ACSR	7.42Y	123.7	0.49	2.34	25.61	13	188	31	99	0.69	0.4	7.355	0.441	0	0	0	32		
036225	PL.6372	A	Consumer	7.42Y	123.7	0.00	2.34	0.52	0	4	1	97	0.00	0.0	7.355	0.000	4	1	1	1		
PL.6360	PL.6372	A	4ACSR	7.41Y	123.5	0.13	2.47	25.09	13	184	30	99	0.19	0.1	7.478	0.124	0	0	0	31		
PL.21115	PL.6360	A	4ACSR	7.41Y	123.5	0.00	2.47	1.21	1	9	1	99	0.00	0.0	7.522	0.043	0	0	0	1		
036212	PL.21115	A	Consumer	7.41Y	123.5	0.00	2.47	1.21	0	9	1	99	0.00	0.0	7.522	0.000	9	1	1	1		
PL.6359	PL.6360	A	4ACSR	7.41Y	123.4	0.11	2.58	22.39	12	164	27	99	0.14	0.1	7.595	0.117	0	0	0	28		
036201	PL.6359	A	Consumer	7.41Y	123.4	0.00	2.58	0.51	0	4	1	97	0.00	0.0	7.595	0.000	4	1	1	1		
PL.6353	PL.6359	A	4ACSR	7.40Y	123.3	0.15	2.74	21.89	11	160	26	99	0.18	0.1	7.757	0.162	0	0	0	27		
036207	PL.6353	A	Consumer	7.40Y	123.3	0.00	2.74	1.15	0	8	1	99	0.00	0.0	7.757	0.000	8	1	1	1		
PL.6352	PL.6353	A	4ACSR	7.39Y	123.2	0.06	2.80	20.74	11	151	25	99	0.07	0.0	7.826	0.069	0	0	0	26		
PL.25736	PL.6352	A	4ACSR	7.39Y	123.1	0.07	2.87	20.74	11	151	25	99	0.08	0.1	7.904	0.077	0	0	0	26		
PL.25735	PL.25736	A	4ACSR	7.38Y	123.1	0.05	2.92	15.97	8	116	19	99	0.05	0.0	7.980	0.077	0	0	0	21		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
036220	PL.25735	A	Consumer	7.38Y	123.1	0.00	2.92	1.15	0	8	1	99	0.00	0.0	7.980	0.000	8	1	1	1
036219	PL.25735	A	Consumer	7.38Y	123.1	0.00	2.92	0.00	0	0	0	100	0.00	0.0	7.980	0.000	0	0	0	0
PL.19477	PL.25735	A	4ACSR	7.38Y	123.0	0.04	2.96	14.82	8	108	18	99	0.03	0.0	8.037	0.057	0	0	0	20
PL.19476	PL.19477	A	4ACSR	7.38Y	123.0	0.06	3.02	13.65	7	99	16	99	0.05	0.0	8.144	0.107	0	0	0	19
0362032	PL.19476	A	Consumer	7.38Y	123.0	0.00	3.02	0.23	0	2	0	100	0.00	0.0	8.144	0.000	2	0	1	1
036221	PL.19476	A	Consumer	7.38Y	123.0	0.00	3.02	0.92	0	7	1	99	0.00	0.0	8.144	0.000	7	1	1	1
PL.25738	PL.19476	A	4ACSR	7.38Y	123.0	0.01	3.03	11.18	6	81	13	99	0.00	0.0	8.159	0.015	0	0	0	16
PD.278-B	PL.25738	A	Closed	7.38Y	123.0	0.00	3.03	11.18	0	81	13	99	0.00	0.0	8.159	0.000	0	0	0	16
PD.278-A	PD.278-B	A	Closed	7.38Y	123.0	0.00	3.03	11.18	0	81	13	99	0.00	0.0	8.159	0.000	0	0	0	16
PL.25737	PD.278-A	A	4ACSR	7.38Y	123.0	0.00	3.03	11.18	6	81	13	99	0.00	0.0	8.162	0.003	0	0	0	16
036218	PL.25737	A	Consumer	7.38Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	8.162	0.000	0	0	0	0
036229	PL.25737	A	Consumer	7.38Y	123.0	0.00	3.03	0.00	0	0	0	100	0.00	0.0	8.162	0.000	0	0	0	0
036216	PL.25737	A	Consumer	7.38Y	123.0	0.00	3.03	1.42	0	10	2	98	0.00	0.0	8.162	0.000	10	2	1	1
PL.23638	PL.25737	A	4ACSR	7.38Y	122.9	0.02	3.05	9.75	5	71	12	99	0.01	0.0	8.218	0.056	0	0	0	15
PL.35668	PL.23638	A	4ACSR	7.38Y	122.9	0.01	3.06	9.75	5	71	12	99	0.00	0.0	8.237	0.019	0	0	0	15
0372023	PL.35668	A	Consumer	7.38Y	122.9	0.00	3.06	0.00	0	0	0	100	0.00	0.0	8.237	0.000	0	0	1	1
PL.35669	PL.35668	A	4ACSR	7.37Y	122.9	0.03	3.09	9.75	5	71	12	99	0.02	0.0	8.318	0.081	0	0	0	14
037211	PL.35669	A	Consumer	7.37Y	122.9	0.00	3.09	0.54	0	4	1	97	0.00	0.0	8.318	0.000	4	1	1	1
037209	PL.35669	A	Consumer	7.37Y	122.9	0.00	3.09	0.67	0	5	1	98	0.00	0.0	8.318	0.000	5	1	1	1
PL.28631	PL.35669	A	4ACSR	7.37Y	122.8	0.06	3.15	8.54	4	62	10	99	0.03	0.0	8.481	0.163	0	0	0	12
PL.28632	PL.28631	A	4ACSR	7.37Y	122.8	0.02	3.18	7.93	4	58	9	99	0.01	0.0	8.545	0.064	0	0	0	10
PL.21122	PL.28632	A	4ACSR	7.37Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0	8.567	0.021	0	0	0	0
PL.21121	PL.21122	A	4ACSR	7.37Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0	8.679	0.112	0	0	0	0
PL.21120	PL.21121	A	4ACSR	7.37Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0	8.713	0.034	0	0	0	0
PL.2097	PL.21120	A	4ACSR	7.37Y	122.8	0.00	3.18	0.00	0	0	0	100	0.00	0.0	8.732	0.020	0	0	0	0
PL.21136	PL.28632	A	4ACSR	7.37Y	122.8	0.01	3.19	7.93	4	58	9	99	0.01	0.0	8.589	0.043	0	0	0	10
PL.21137	PL.21136	A	4ACSR	7.36Y	122.7	0.06	3.25	4.65	2	34	6	98	0.02	0.0	8.883	0.294	0	0	0	6
PL.21119	PL.21137	A	4ACSR	7.36Y	122.7	0.00	3.25	0.73	0	5	1	98	0.00	0.0	8.929	0.047	0	0	0	1
037207	PL.21119	A	Consumer	7.36Y	122.7	0.00	3.25	0.73	0	5	1	98	0.00	0.0	8.929	0.000	5	1	1	1
PL.21138	PL.21137	A	4ACSR	7.36Y	122.7	0.00	3.25	3.92	2	28	5	98	0.00	0.0	8.904	0.021	0	0	0	5
PL.21118	PL.21138	A	4ACSR	7.36Y	122.7	0.00	3.25	0.00	0	0	0	100	0.00	0.0	9.044	0.141	0	0	0	0
037202	PL.21138	A	Consumer	7.36Y	122.7	0.00	3.25	0.64	0	5	1	98	0.00	0.0	8.904	0.000	5	1	1	1
037212	PL.21138	A	Consumer	7.36Y	122.7	0.00	3.25	0.91	0	7	1	99	0.00	0.0	8.904	0.000	7	1	1	1
PL.23277	PL.21138	A	4ACSR	7.36Y	122.7	0.01	3.27	2.38	1	17	3	98	0.00	0.0	9.029	0.125	0	0	0	3
PL.26290	PL.23277	A	4ACSR	7.36Y	122.7	0.00	3.27	0.45	0	3	1	95	0.00	0.0	9.075	0.046	0	0	0	2
PL.2127	PL.26290	A	4ACSR	7.36Y	122.7	0.00	3.27	0.01	0	0	0	100	0.00	0.0	9.136	0.061	0	0	0	1
037217	PL.2127	A	Consumer	7.36Y	122.7	0.00	3.27	0.01	0	0	0	100	0.00	0.0	9.136	0.000	0	0	1	1
PL.26291	PL.26290	A	4ACSR	7.36Y	122.7	0.00	3.27	0.44	0	3	1	95	0.00	0.0	9.183	0.108	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
037206	PL.26291	A	Consumer	7.36Y	122.7	0.00	3.27	0.44	0	3	1	95	0.00	0.0	9.183	0.000	3	1	1	1
037221	PL.23277	A	Consumer	7.36Y	122.7	0.00	3.27	1.92	0	14	2	99	0.00	0.0	9.029	0.000	14	2	1	1
PL.23275	PL.21136	A	4ACSR	7.37Y	122.8	0.00	3.19	1.02	1	7	1	99	0.00	0.0	8.628	0.039	0	0	0	1
PL.23276	PL.23275	A	4ACSR	7.37Y	122.8	0.00	3.19	0.00	0	0	0	100	0.00	0.0	8.858	0.230	0	0	0	0
037219	PL.23275	A	Consumer	7.37Y	122.8	0.00	3.19	1.02	0	7	1	99	0.00	0.0	8.628	0.000	7	1	1	1
PL.35641	PL.21136	A	4ACSR	7.37Y	122.8	0.00	3.19	2.26	1	16	3	98	0.00	0.0	8.613	0.024	0	0	0	3
PL.35642	PL.35641	A	4ACSR	7.37Y	122.8	0.00	3.20	0.90	0	7	1	99	0.00	0.0	8.667	0.055	0	0	0	2
037220	PL.35642	A	Consumer	7.37Y	122.8	0.00	3.20	0.66	0	5	1	98	0.00	0.0	8.667	0.000	5	1	1	1
037218	PL.35642	A	Consumer	7.37Y	122.8	0.00	3.20	0.23	0	2	0	100	0.00	0.0	8.667	0.000	2	0	1	1
0372022	PL.35641	A	Consumer	7.37Y	122.8	0.00	3.19	1.36	0	10	2	98	0.00	0.0	8.613	0.000	10	2	1	1
037216	PL.28631	A	Consumer	7.37Y	122.8	0.00	3.15	0.12	0	1	0	100	0.00	0.0	8.481	0.000	1	0	1	1
037215	PL.28631	A	Consumer	7.37Y	122.8	0.00	3.15	0.49	0	4	1	97	0.00	0.0	8.481	0.000	4	1	1	1
PL.21113	PL.19476	A	4ACSR	7.38Y	123.0	0.01	3.03	1.33	1	10	2	98	0.00	0.0	8.261	0.117	0	0	0	1
036209	PL.21113	A	Consumer	7.38Y	123.0	0.00	3.03	1.33	0	10	2	98	0.00	0.0	8.261	0.000	10	2	1	1
036222	PL.19477	A	Consumer	7.38Y	123.0	0.00	2.96	1.18	0	9	1	99	0.00	0.0	8.037	0.000	9	1	1	1
PL.23273	PL.25736	A	4ACSR	7.39Y	123.1	0.01	2.88	4.77	2	35	6	99	0.00	0.0	7.960	0.057	0	0	0	5
PL.23274	PL.23273	A	4ACSR	7.39Y	123.1	0.01	2.89	4.75	2	35	6	99	0.00	0.0	8.022	0.062	0	0	0	4
036215	PL.23274	A	Consumer	7.39Y	123.1	0.00	2.89	0.61	0	4	1	97	0.00	0.0	8.022	0.000	4	1	1	1
PL.45143	PL.23274	A	4ACSR	7.39Y	123.1	0.01	2.91	4.15	2	30	5	99	0.00	0.0	8.105	0.083	0	0	0	3
0362033	PL.45143	A	Consumer	7.39Y	123.1	0.00	2.91	0.00	0	0	0	100	0.00	0.0	8.105	0.000	0	0	0	0
036214	PL.45143	A	Consumer	7.39Y	123.1	0.00	2.91	1.08	0	8	1	99	0.00	0.0	8.105	0.000	8	1	1	1
036213	PL.45143	A	Consumer	7.39Y	123.1	0.00	2.91	1.34	0	10	2	98	0.00	0.0	8.105	0.000	10	2	1	1
PL.45144	PL.45143	A	4ACSR	7.39Y	123.1	0.00	2.91	1.73	1	13	2	99	0.00	0.0	8.160	0.055	0	0	0	1
036210	PL.45144	A	Consumer	7.39Y	123.1	0.00	2.91	1.73	0	13	2	99	0.00	0.0	8.160	0.000	13	2	1	1
036228	PL.23273	A	Consumer	7.39Y	123.1	0.00	2.88	0.01	0	0	0	100	0.00	0.0	7.960	0.000	0	0	1	1
036206	PL.6360	A	Consumer	7.41Y	123.5	0.00	2.47	1.41	0	10	2	98	0.00	0.0	7.478	0.000	10	2	1	1
036204	PL.6360	A	Consumer	7.41Y	123.5	0.00	2.47	0.08	0	1	0	100	0.00	0.0	7.478	0.000	1	0	1	1
036211	PL.20389	A	Consumer	7.46Y	124.3	0.00	1.75	0.30	0	2	0	100	0.00	0.0	6.827	0.000	2	0	1	1
036224	PL.20389	A	Consumer	7.46Y	124.3	0.00	1.75	1.19	0	9	1	99	0.00	0.0	6.827	0.000	9	1	1	1
036223	PL.20389	A	Consumer	7.46Y	124.3	0.00	1.75	0.70	0	5	1	98	0.00	0.0	6.827	0.000	5	1	1	1
0352024	PL.40592	A	Consumer	7.52Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	5.973	0.000	0	0	0	0
035222	PL.20449	A	Consumer	7.52Y	125.4	0.00	0.61	0.78	0	6	1	99	0.00	0.0	5.895	0.000	6	1	1	1
035219	PL.20449	A	Consumer	7.52Y	125.4	0.00	0.61	0.00	0	0	0	100	0.00	0.0	5.895	0.000	0	0	0	0
035217	PL.25734	A	Consumer	7.53Y	125.5	0.00	0.52	0.18	0	1	0	100	0.00	0.0	5.827	0.000	1	0	1	1
035330	PL.19962	A	Consumer	7.55Y	125.8	0.00	0.24	0.63	0	5	1	98	0.00	0.0	5.616	0.000	5	1	1	1
035328	PL.19962	A	Consumer	7.55Y	125.8	0.00	0.24	0.67	0	5	1	98	0.00	0.0	5.616	0.000	5	1	1	1
035337	PL.6369	B	Consumer	7.39Y	123.2	0.00	2.79	0.66	0	5	1	98	0.00	0.0	5.453	0.000	5	1	1	1
035302	PL.6364	B	Consumer	7.38Y	123.1	0.00	2.95	0.44	0	3	1	95	0.00	0.0	4.918	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.2091, 035349, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.27883, 036427, 0364033, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss		Length (mi)	KW			KVAR	
PD.7011-B	PL.19060	A	Open	7.32Y	122.0	0.00	3.99	0.00	0	0	0	100	0.00	0.0	3.301	0.000	0	0	0	0
		B		7.43Y	123.8	0.00	2.21	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		7.43Y	123.8	0.00	2.25	0.00	0	0	0	100	0.00	0.0			0	0	0	0
PL.27738	PL.18472	B	4ACSR	7.43Y	123.9	0.00	2.11	4.06	2	30	3	100	0.00	0.0	3.187	0.016	0	0	0	5
PD.1284	PL.27738	B	fuse6AMP	7.43Y	123.9	0.00	2.11	4.06	69	30	3	100	0.00	0.0	3.187	0.000	0	0	0	5
PL.27739	PD.1284	B	4ACSR	7.43Y	123.9	0.00	2.12	4.06	2	30	3	100	0.00	0.0	3.213	0.026	0	0	0	5
035406	PL.27739	B	Consumer	7.43Y	123.9	0.00	2.12	0.71	0	5	1	98	0.00	0.0	3.213	0.000	5	1	1	1
PL.31904	PL.27739	B	4ACSR	7.43Y	123.9	0.01	2.13	3.35	2	25	2	100	0.00	0.0	3.274	0.061	0	0	0	4
PL.31905	PL.31904	B	4ACSR	7.43Y	123.9	0.01	2.14	3.35	2	25	2	100	0.00	0.0	3.369	0.094	0	0	0	3
PD.3869	PL.31905	B	fuse6AMP	7.43Y	123.9	0.00	2.14	3.35	57	25	2	100	0.00	0.0	3.369	0.000	0	0	0	3
PL.31906	PD.3869	B	1/0EPRJCN	7.43Y	123.8	0.02	2.16	3.35	2	25	2	100	0.00	0.0	3.584	0.215	0	0	0	3
PL.31907	PL.31906	B	1/0EPRJCN	7.43Y	123.8	0.00	2.16	1.47	1	11	1	100	0.00	0.0	3.655	0.072	0	0	0	2
0353072	PL.31907	B	Consumer	7.43Y	123.8	0.00	2.16	0.06	0	0	0	100	0.00	0.0	3.655	0.000	0	0	1	1
0353071	PL.31907	B	Consumer	7.43Y	123.8	0.00	2.16	1.41	0	10	2	98	0.00	0.0	3.655	0.000	10	2	1	1
PL.40636	PL.31906	B	1/0EPRJCN	7.43Y	123.8	0.00	2.16	1.89	1	14	2	99	0.00	0.0	3.640	0.057	0	0	0	1
0353074	PL.40636	B	Consumer	7.43Y	123.8	0.00	2.16	1.90	0	14	2	99	0.00	0.0	3.640	0.000	14	2	1	1
0353075	PL.40636	B	Consumer	7.43Y	123.8	0.00	2.16	0.00	0	0	0	100	0.00	0.0	3.640	0.000	0	0	0	0
0354104	PL.31904	B	Consumer	7.43Y	123.9	0.00	2.13	0.00	0	0	0	100	0.00	0.0	3.274	0.000	0	0	1	1
PL.41515	PL.41513	B	2ACSR	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	2.696	0.002	0	0	0	0
PD.7456	PL.41515	B	fuse6AMP	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	2.696	0.000	0	0	0	0
PL.41516	PD.7456	B	2ACSR	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	2.715	0.019	0	0	0	0
0344023	PL.41516	B	Consumer	7.46Y	124.4	0.00	1.62	0.00	0	0	0	100	0.00	0.0	2.715	0.000	0	0	0	0
PL.27975	PL.11279	A	4ACSR	7.41Y	123.4	0.00	2.58	1.76	1	13	2	99	0.00	0.0	2.503	0.059	0	0	0	3
PL.27976	PL.27975	A	4ACSR	7.41Y	123.4	0.00	2.58	0.07	0	1	0	100	0.00	0.0	2.538	0.036	0	0	0	1
034403	PL.27976	A	Consumer	7.41Y	123.4	0.00	2.58	0.07	0	1	0	100	0.00	0.0	2.538	0.000	1	0	1	1
034408	PL.27975	A	Consumer	7.41Y	123.4	0.00	2.58	0.93	0	7	1	99	0.00	0.0	2.503	0.000	7	1	1	1
034420	PL.27975	A	Consumer	7.41Y	123.4	0.00	2.58	0.76	0	6	1	99	0.00	0.0	2.503	0.000	6	1	1	1
549606	PL.7384	C	Consumer	7.47Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	2.260	0.000	0	0	0	0
034401	PL.7384	C	Consumer	7.47Y	124.6	0.00	1.43	0.68	0	5	1	98	0.00	0.0	2.260	0.000	5	1	1	1
548503	PL.19727	A	Consumer	7.45Y	124.2	0.00	1.82	0.59	0	4	1	97	0.00	0.0	2.018	0.000	4	1	1	1
547506	OCD73	C	Consumer	7.49Y	124.9	0.00	1.14	2.94	0	20	10	89	0.00	0.0	1.924	0.000	20	10	1	1
547502	OCD73	C	Consumer	7.49Y	124.9	0.00	1.14	0.16	0	1	0	100	0.00	0.0	1.924	0.000	1	0	1	1
547507	OCD73	C	Consumer	7.49Y	124.9	0.00	1.14	1.42	0	10	2	98	0.00	0.0	1.924	0.000	10	2	1	1
PL.18027	PL.18613	A	2ACSR	7.47Y	124.5	-0.00	1.49	0.06	0	0	0	100	0.00	0.0	1.842	0.013	0	0	0	0
		B		7.52Y	125.3	0.00	0.75	0.00	0	0	0	99	0.00	0.0			0	0	0	0
		C		7.50Y	125.0	0.00	1.04	1.50	1	10	5	90	0.00	0.0			0	0	0	1
PL.18026	PL.18027	A	2ACSR	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	1.852	0.009	0	0	0	0
		B		7.52Y	125.3	0.00	0.75	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0			0	0	0	0
PD.189-B	PL.18026	A	Open	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	1.852	0.000	0	0	0	0
		B		7.52Y	125.3	0.00	0.75	0.00	0	0	0	100	0.00	0.0			0	0	0	0
		C		7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0			0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss			KW	KVAR	Cons On	Cons Thru	
546501	PL.18027	C	Consumer	7.50Y	125.0	0.00	1.04	1.44	0	10	5	89	0.00	0.0	1.842	0.000	10	5	1	1
546502	PL.18027	A	Consumer	7.47Y	124.5	0.00	1.49	0.06	0	0	0	100	0.00	0.0	1.842	0.000	0	0	0	0
		B		7.52Y	125.3	0.00	0.75	0.06	0	0	0	99					0	0	0	0
		C		7.50Y	125.0	0.00	1.04	0.06	0	0	0	99					0	0	0	0
546507	PL.18027	A	Consumer	7.47Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	1.842	0.000	0	0	0	0
		B		7.52Y	125.3	0.00	0.75	0.00	0	0	0	100					0	0	0	0
		C		7.50Y	125.0	0.00	1.04	0.00	0	0	0	100					0	0	0	0
545503	PL.11273	C	Consumer	7.50Y	125.0	0.00	0.98	0.17	0	1	0	100	0.00	0.0	1.685	0.000	1	0	1	1
545504	PL.11273	C	Consumer	7.50Y	125.0	0.00	0.98	0.30	0	2	0	100	0.00	0.0	1.685	0.000	2	0	1	1
545502	PL.11273	C	Consumer	7.50Y	125.0	0.00	0.98	0.60	0	4	1	97	0.00	0.0	1.685	0.000	4	1	1	1
542706	PL.7387	C	Consumer	7.51Y	125.1	0.00	0.86	0.04	0	0	0	100	0.00	0.0	1.383	0.000	0	0	1	1
542707	PL.7386	B	Consumer	7.52Y	125.4	0.00	0.61	0.45	0	3	1	95	0.00	0.0	1.346	0.000	3	1	1	1
033480	PL.42182	A	Consumer	7.51Y	125.1	0.00	0.91	1.29	0	8	5	85	0.00	0.0	0.990	0.000	8	5	0	0
		B		7.53Y	125.5	0.00	0.49	1.29	0	8	5	85					8	5	0	0
		C		7.52Y	125.3	0.00	0.68	1.29	0	8	5	85					8	5	0	0
033430	PL.42182	A	Consumer	7.51Y	125.1	0.00	0.91	1.59	0	10	6	86	0.00	0.0	0.990	0.000	10	6	0	0
		B		7.53Y	125.5	0.00	0.49	1.59	0	10	6	85					10	6	0	0
		C		7.52Y	125.3	0.00	0.68	1.59	0	10	6	85					10	6	0	0
PL.23848	PL.26210	A	397ACSR	7.51Y	125.2	0.00	0.84	0.00	0	0	0	100	0.00	0.0	0.914	0.022	0	0	0	0
		B		7.53Y	125.5	0.00	0.46	5.10	1	38	6	99					0	0	0	9
		C		7.52Y	125.4	-0.00	0.63	0.00	0	0	0	100					0	0	0	0
033459	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.46	0.79	0	6	1	99	0.00	0.0	0.914	0.000	6	1	1	1
033457	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.46	0.35	0	3	0	100	0.00	0.0	0.914	0.000	3	0	1	1
033461	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.46	0.62	0	5	1	98	0.00	0.0	0.914	0.000	5	1	1	1
033462	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.46	0.62	0	5	1	98	0.00	0.0	0.914	0.000	5	1	1	1
033458	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.46	0.95	0	7	1	99	0.00	0.0	0.914	0.000	7	1	1	1
033495	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.46	0.02	0	0	0	100	0.00	0.0	0.914	0.000	0	0	1	1
033460	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.46	0.65	0	5	1	98	0.00	0.0	0.914	0.000	5	1	1	1
033464	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.46	0.58	0	4	1	97	0.00	0.0	0.914	0.000	4	1	1	1
033463	PL.23848	B	Consumer	7.53Y	125.5	0.00	0.46	0.52	0	4	1	97	0.00	0.0	0.914	0.000	4	1	1	1
033456	PL.26210	A	Consumer	7.51Y	125.2	0.00	0.84	0.69	0	5	1	98	0.00	0.0	0.892	0.000	5	1	1	1
033485	PL.26210	C	Consumer	7.52Y	125.4	0.00	0.63	0.00	0	0	0	100	0.00	0.0	0.892	0.000	0	0	0	0
033454	PL.26210	A	Consumer	7.51Y	125.2	0.00	0.84	0.71	0	5	1	98	0.00	0.0	0.892	0.000	5	1	1	1
033453	PL.26210	A	Consumer	7.51Y	125.2	0.00	0.84	0.64	0	5	1	98	0.00	0.0	0.892	0.000	5	1	1	1
033455	PL.26210	A	Consumer	7.51Y	125.2	0.00	0.84	0.37	0	3	0	100	0.00	0.0	0.892	0.000	3	0	1	1
033448	PL.24648	A	Consumer	7.51Y	125.2	0.00	0.76	0.77	0	6	1	99	0.00	0.0	0.799	0.000	6	1	1	1
033447	PL.24648	A	Consumer	7.51Y	125.2	0.00	0.76	0.70	0	5	1	98	0.00	0.0	0.799	0.000	5	1	1	1
033445	PL.24648	A	Consumer	7.51Y	125.2	0.00	0.76	0.76	0	6	1	99	0.00	0.0	0.799	0.000	6	1	1	1
033446	PL.24648	A	Consumer	7.51Y	125.2	0.00	0.76	0.80	0	6	1	99	0.00	0.0	0.799	0.000	6	1	1	1
PL.23867	PL.24648	C	4ACSR	7.53Y	125.4	0.00	0.58	0.05	0	0	0	100	0.00	0.0	0.860	0.060	0	0	0	1
033427	PL.23867	C	Consumer	7.53Y	125.4	0.00	0.58	0.05	0	0	0	100	0.00	0.0	0.860	0.000	0	0	1	1
033418	PL.26207	C	Consumer	7.53Y	125.5	0.00	0.48	1.80	0	12	6	89	0.00	0.0	0.674	0.000	12	6	1	1
033483	PL.26207	B	Consumer	7.54Y	125.7	0.00	0.34	2.01	0	15	2	99	0.00	0.0	0.674	0.000	15	2	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 033481, 033410, etc., and a section for Feeder No. 4 (FRNBURG4).

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	mi Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PD.264-A	PL.9735	A	Closed	15.04Y	125.3	0.00	0.65	134.39	0	1983	391	98	0.00	0.0	0.144	0.000	0	0	0	616
		B		15.10Y	125.9	0.00	0.14	54.86	0	824	87	99					0	0	0	279
		C		15.10Y	125.8	0.00	0.16	47.72	0	718	63	100					0	0	0	181
PD.264-B	PD.264-A	A	Closed	15.04Y	125.3	0.00	0.65	134.39	0	1983	391	98	0.00	0.0	0.144	0.000	0	0	0	616
		B		15.10Y	125.9	0.00	0.14	54.86	0	824	87	99					0	0	0	279
		C		15.10Y	125.8	0.00	0.16	47.72	0	718	63	100					0	0	0	181
PL.9657	PD.264-B	A	336ACSR	15.02Y	125.2	0.17	0.82	134.39	18	1983	391	98	1.97	0.1	0.416	0.272	0	0	0	616
		B		15.11Y	125.9	-0.04	0.10	54.86	8	824	87	99					0	0	0	279
		C		15.09Y	125.8	0.07	0.23	47.72	7	718	63	100					0	0	0	181
PL.27287	PL.9657	C	4ACSR	15.09Y	125.8	0.00	0.23	0.38	0	6	1	99	0.00	0.0	0.419	0.003	0	0	0	2
PD.1207	PL.27287	C	fuse6AMP	15.09Y	125.8	0.00	0.23	0.38	7	6	1	99	0.00	0.0	0.419	0.000	0	0	0	2
PL.27288	PD.1207	C	4ACSR	15.09Y	125.8	0.00	0.23	0.38	0	6	1	99	0.00	0.0	0.461	0.041	0	0	0	2
032411	PL.27288	C	Consumer	15.09Y	125.8	0.00	0.23	0.36	0	5	1	98	0.00	0.0	0.461	0.000	5	1	1	1
032491	PL.27288	C	Consumer	15.09Y	125.8	0.00	0.23	0.02	0	0	0	100	0.00	0.0	0.461	0.000	0	0	1	1
PL.9658	PL.9657	A	336ACSR	15.02Y	125.1	0.04	0.86	134.39	18	1981	387	98	0.50	0.0	0.485	0.069	0	0	0	616
		B		15.11Y	125.9	-0.01	0.09	54.86	8	824	87	99					0	0	0	279
		C		15.09Y	125.8	0.02	0.25	47.34	6	712	63	100					0	0	0	179
PL.9659	PL.9658	A	336ACSR	15.01Y	125.1	0.03	0.90	134.39	18	1981	386	98	0.40	0.0	0.540	0.056	0	0	0	616
		B		15.11Y	125.9	-0.01	0.08	54.75	8	823	87	99					0	0	0	278
		C		15.09Y	125.7	0.01	0.26	47.34	6	712	63	100					0	0	0	179
PL.9660	PL.9659	A	336ACSR	14.99Y	124.9	0.16	1.06	134.39	18	1980	385	98	1.88	0.1	0.800	0.259	0	0	0	616
		B		15.11Y	126.0	-0.04	0.04	54.75	8	823	86	99					0	0	0	278
		C		15.08Y	125.7	0.06	0.32	46.89	6	705	61	100					0	0	0	177
032506	PL.9660	B	Consumer	15.11Y	126.0	0.00	0.04	0.06	0	1	0	100	0.00	0.0	0.800	0.000	1	0	1	1
PL.9661	PL.9660	A	336ACSR	14.98Y	124.9	0.09	1.15	134.39	18	1979	381	98	1.07	0.0	0.948	0.148	0	0	0	616
		B		15.12Y	126.0	-0.02	0.02	53.29	7	801	82	99					0	0	0	273
		C		15.08Y	125.6	0.04	0.36	46.89	6	704	61	100					0	0	0	177
PL.9662	PL.9661	A	336ACSR	14.98Y	124.8	0.06	1.21	134.39	18	1978	378	98	0.70	0.0	1.046	0.098	0	0	0	616
		B		15.12Y	126.0	-0.01	0.01	52.97	7	797	81	99					0	0	0	271
		C		15.07Y	125.6	0.02	0.38	46.89	6	704	61	100					0	0	0	177
PL.9663	PL.9662	A	336ACSR	14.96Y	124.7	0.09	1.29	133.00	18	1956	374	98	1.03	0.0	1.191	0.145	0	0	0	613
		B		15.12Y	126.0	-0.02	-0.01	52.97	7	797	81	99					0	0	0	271
		C		15.07Y	125.6	0.04	0.42	46.89	6	704	61	100					0	0	0	177
PL.18042	PL.9663	A	4ACSR	14.96Y	124.7	0.00	1.29	2.06	1	30	5	99	0.00	0.0	1.197	0.006	0	0	0	14
PD.1199	PL.18042	A	fuse6AMP	14.96Y	124.7	0.00	1.29	2.06	35	30	5	99	0.00	0.0	1.197	0.000	0	0	0	14
PL.18043	PD.1199	A	4ACSR	14.96Y	124.7	0.00	1.30	2.06	1	30	5	99	0.00	0.0	1.230	0.033	0	0	0	14
PL.9664	PL.18043	A	4ACSR	14.96Y	124.7	0.00	1.30	1.91	1	28	5	98	0.00	0.0	1.270	0.040	0	0	0	12
032532	PL.9664	A	Consumer	14.96Y	124.7	0.00	1.30	0.41	0	6	1	99	0.00	0.0	1.270	0.000	6	1	1	1
032561	PL.9664	A	Consumer	14.96Y	124.7	0.00	1.30	0.04	0	1	0	100	0.00	0.0	1.270	0.000	1	0	1	1
PL.9665	PL.9664	A	4ACSR	14.96Y	124.7	0.00	1.30	1.46	1	22	4	98	0.00	0.0	1.331	0.061	0	0	0	10
PL.6289	PL.9665	A	4ACSR	14.96Y	124.7	0.00	1.30	0.34	0	5	1	98	0.00	0.0	1.349	0.018	0	0	0	3
PL.6290	PL.6289	A	4ACSR	14.96Y	124.7	0.00	1.30	0.18	0	3	0	100	0.00	0.0	1.404	0.055	0	0	0	2
032544	PL.6290	A	Consumer	14.96Y	124.7	0.00	1.30	0.00	0	0	0	100	0.00	0.0	1.404	0.000	0	0	0	0
032547	PL.6290	A	Consumer	14.96Y	124.7	0.00	1.30	0.16	0	2	0	100	0.00	0.0	1.404	0.000	2	0	1	1
032505	PL.6290	A	Consumer	14.96Y	124.7	0.00	1.30	0.02	0	0	0	100	0.00	0.0	1.404	0.000	0	0	1	1
032560	PL.6289	A	Consumer	14.96Y	124.7	0.00	1.30	0.16	0	2	0	100	0.00	0.0	1.349	0.000	2	0	1	1
PL.9666	PL.9665	A	4ACSR	14.96Y	124.7	0.00	1.30	1.13	1	17	3	98	0.00	0.0	1.420	0.089	0	0	0	7

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 032541, 032549, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 032512, 032520, PL.4872, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.24638, PL.6265, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, Element KVAR, Cons On, Cons Thru. Includes a sub-header 'Units Displayed In Volts -Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru %	Thru Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
030612	PL.1592	B	Consumer	15.10Y	125.8	0.00	0.20	0.01	0	0	0	100	0.00	0.0	5.753	0.000	0	0	1	1
PL.1594	PL.10410	B	4ACSR	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	5.687	0.080	0	0	0	0
030627	PL.1594	B	Consumer	15.10Y	125.8	0.00	0.20	0.00	0	0	0	100	0.00	0.0	5.687	0.000	0	0	0	0
030622	PL.10410	B	Consumer	15.10Y	125.8	0.00	0.20	0.27	0	4	1	97	0.00	0.0	5.607	0.000	4	1	1	1
030621	PL.10410	B	Consumer	15.10Y	125.8	0.00	0.20	0.28	0	4	1	97	0.00	0.0	5.607	0.000	4	1	1	1
PL.10411	PL.10410	B	4ACSR	15.09Y	125.8	0.02	0.22	4.35	2	65	11	99	0.01	0.0	5.846	0.238	0	0	0	12
030611	PL.10411	B	Consumer	15.09Y	125.8	0.00	0.22	0.03	0	0	0	100	0.00	0.0	5.846	0.000	0	0	1	1
PL.6268	PL.10411	B	4ACSR	15.09Y	125.8	0.00	0.23	4.32	2	64	10	99	0.00	0.0	5.892	0.047	0	0	0	11
PL.10412	PL.6268	B	4ACSR	15.09Y	125.8	0.01	0.23	4.32	2	64	10	99	0.00	0.0	5.965	0.072	0	0	0	11
030518	PL.10412	B	Consumer	15.09Y	125.8	0.00	0.23	0.46	0	7	1	99	0.00	0.0	5.965	0.000	7	1	1	1
030517	PL.10412	B	Consumer	15.09Y	125.8	0.00	0.23	0.69	0	10	2	98	0.00	0.0	5.965	0.000	10	2	1	1
PL.10413	PL.10412	B	4ACSR	15.09Y	125.8	0.01	0.24	3.17	2	47	8	99	0.00	0.0	6.100	0.135	0	0	0	9
030501	PL.10413	B	Consumer	15.09Y	125.8	0.00	0.24	0.02	0	0	0	100	0.00	0.0	6.100	0.000	0	0	1	1
PL.6037	PL.10413	B	4ACSR	15.09Y	125.8	0.01	0.25	3.15	2	47	8	99	0.00	0.0	6.197	0.098	0	0	0	8
030509	PL.6037	B	Consumer	15.09Y	125.8	0.00	0.25	0.42	0	6	1	99	0.00	0.0	6.197	0.000	6	1	1	1
PL.10415	PL.6037	B	4ACSR	15.09Y	125.7	0.00	0.25	2.73	1	41	7	99	0.00	0.0	6.242	0.045	0	0	0	7
PL.19288	PL.10415	B	4ACSR	15.09Y	125.7	0.00	0.25	2.52	1	37	6	99	0.00	0.0	6.278	0.036	0	0	0	6
PL.19289	PL.19288	B	4ACSR	15.09Y	125.7	0.00	0.26	2.52	1	37	6	99	0.00	0.0	6.364	0.086	0	0	0	6
PL.10414	PL.19289	B	4ACSR	15.09Y	125.7	0.00	0.26	0.12	0	2	0	100	0.00	0.0	6.538	0.174	0	0	0	1
PL.4882	PL.10414	B	4ACSR	15.09Y	125.7	0.00	0.26	0.12	0	2	0	100	0.00	0.0	6.863	0.325	0	0	0	1
031501	PL.4882	B	Consumer	15.09Y	125.7	0.00	0.26	0.12	0	2	0	100	0.00	0.0	6.863	0.000	2	0	1	1
031503	PL.10414	B	Consumer	15.09Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	6.538	0.000	0	0	0	0
PL.6036	PL.19289	B	4ACSR	15.09Y	125.7	0.00	0.26	2.40	1	36	6	99	0.00	0.0	6.458	0.093	0	0	0	5
PL.27994	PL.6036	B	4ACSR	15.09Y	125.7	0.00	0.27	2.40	1	36	6	99	0.00	0.0	6.553	0.095	0	0	0	5
030516	PL.27994	B	Consumer	15.09Y	125.7	0.00	0.27	0.29	0	4	1	97	0.00	0.0	6.553	0.000	4	1	1	1
PL.27995	PL.27994	B	4ACSR	15.09Y	125.7	0.00	0.27	2.11	1	31	5	99	0.00	0.0	6.621	0.068	0	0	0	4
PL.10416	PL.27995	B	4ACSR	15.09Y	125.7	0.00	0.27	2.11	1	31	5	99	0.00	0.0	6.645	0.024	0	0	0	4
PL.10418	PL.10416	B	4ACSR	15.09Y	125.7	0.00	0.27	1.34	1	20	3	99	0.00	0.0	6.700	0.055	0	0	0	3
PL.6038	PL.10418	B	4ACSR	15.09Y	125.7	0.00	0.28	0.48	0	7	1	99	0.00	0.0	6.824	0.124	0	0	0	2
PL.6039	PL.6038	B	4ACSR	15.09Y	125.7	0.00	0.28	0.46	0	7	1	99	0.00	0.0	6.876	0.052	0	0	0	1
PL.6287	PL.6039	B	4ACSR	15.09Y	125.7	0.00	0.28	0.46	0	7	1	99	0.00	0.0	6.908	0.032	0	0	0	1
PL.6288	PL.6287	B	4ACSR	15.09Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	6.945	0.037	0	0	0	0
030523	PL.6288	B	Consumer	15.09Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	6.945	0.000	0	0	0	0
PL.45886	PL.6287	B	2ACSR	15.09Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	6.936	0.028	0	0	0	0
PL.45887	PL.45886	B	2ACSR	15.09Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	6.988	0.052	0	0	0	0
0305031	PL.45887	B	Consumer	15.09Y	125.7	0.00	0.28	0.00	0	0	0	100	0.00	0.0	6.988	0.000	0	0	0	0
030511	PL.6287	B	Consumer	15.09Y	125.7	0.00	0.28	0.46	0	7	1	99	0.00	0.0	6.908	0.000	7	1	1	1
030508	PL.6038	B	Consumer	15.09Y	125.7	0.00	0.28	0.02	0	0	0	100	0.00	0.0	6.824	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.10419, PL.45786, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.21156	PD.3090	A	4ACSR	14.91Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	5.321	0.034	0	0	0	0
031820	PL.21156	A	Consumer	14.91Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	5.321	0.000	0	0	0	0
031819	PL.21156	A	Consumer	14.91Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	5.321	0.000	0	0	0	0
PL.10421	PL.10420	A	1/0ACSR	14.88Y	124.0	0.31	2.04	119.41	36	1759	281	99	4.26	0.1	5.528	0.259	0	0	0	567
		B		15.11Y	125.9	-0.01	0.12	42.71	13	644	45	100					0	0	0	240
		C		15.04Y	125.3	0.11	0.68	38.00	12	570	42	100					0	0	0	143
PL.16199	PL.10421	A	4ACSR	14.88Y	124.0	0.00	2.04	5.90	3	87	14	99	0.00	0.0	5.537	0.009	0	0	0	29
PD.254-A	PL.16199	A	Closed	14.88Y	124.0	0.00	2.04	5.90	0	87	14	99	0.00	0.0	5.537	0.000	0	0	0	29
PD.254-B	PD.254-A	A	Closed	14.88Y	124.0	0.00	2.04	5.90	0	87	14	99	0.00	0.0	5.537	0.000	0	0	0	29
PL.16200	PD.254-B	A	4ACSR	14.87Y	124.0	0.00	2.04	5.90	3	87	14	99	0.00	0.0	5.574	0.037	0	0	0	29
PL.1819	PL.16200	A	4ACSR	14.87Y	124.0	0.00	2.04	0.01	0	0	0	100	0.00	0.0	5.624	0.050	0	0	0	1
031827	PL.1819	A	Consumer	14.87Y	124.0	0.00	2.04	0.01	0	0	0	100	0.00	0.0	5.624	0.000	0	0	1	1
PL.17895	PL.16200	A	4ACSR	14.87Y	124.0	0.01	2.05	5.89	3	87	14	99	0.01	0.0	5.636	0.062	0	0	0	28
PD.3404	PL.17895	A	25L	14.87Y	124.0	0.00	2.05	5.89	24	86	14	99	0.00	0.0	5.636	0.000	0	0	0	28
PL.17896	PD.3404	A	4ACSR	14.87Y	123.9	0.01	2.06	5.89	3	86	14	99	0.01	0.0	5.702	0.067	0	0	0	28
031822	PL.17896	A	Consumer	14.87Y	123.9	0.00	2.06	0.27	0	4	1	97	0.00	0.0	5.702	0.000	4	1	1	1
PL.6279	PL.17896	A	4ACSR	14.87Y	123.9	0.01	2.07	5.62	3	83	13	99	0.00	0.0	5.763	0.061	0	0	0	27
PL.6280	PL.6279	A	4ACSR	14.87Y	123.9	0.01	2.07	5.62	3	83	13	99	0.00	0.0	5.822	0.059	0	0	0	26
PL.27807	PL.6280	A	4ACSR	14.87Y	123.9	0.01	2.08	4.44	2	65	11	99	0.00	0.0	5.876	0.054	0	0	0	25
PL.27808	PL.27807	A	4ACSR	14.87Y	123.9	0.00	2.08	4.13	2	61	10	99	0.00	0.0	5.931	0.055	0	0	0	23
030811	PL.27808	A	Consumer	14.87Y	123.9	0.00	2.08	0.30	0	4	1	97	0.00	0.0	5.931	0.000	4	1	1	1
030819	PL.27808	A	Consumer	14.87Y	123.9	0.00	2.08	0.48	0	7	1	99	0.00	0.0	5.931	0.000	7	1	1	1
030812	PL.27808	A	Consumer	14.87Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	5.931	0.000	0	0	0	0
030822	PL.27808	A	Consumer	14.87Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	5.931	0.000	0	0	0	0
030838	PL.27808	A	Consumer	14.87Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	5.931	0.000	0	0	1	1
PL.6277	PL.27808	A	4ACSR	14.87Y	123.9	0.00	2.09	3.35	2	49	8	99	0.00	0.0	5.983	0.052	0	0	0	20
PL.6278	PL.6277	A	4ACSR	14.87Y	123.9	0.00	2.09	2.92	2	43	7	99	0.00	0.0	6.019	0.036	0	0	0	19
030827	PL.6278	A	Consumer	14.87Y	123.9	0.00	2.09	0.51	0	7	1	99	0.00	0.0	6.019	0.000	7	1	1	1
030832	PL.6278	A	Consumer	14.87Y	123.9	0.00	2.09	0.03	0	0	0	100	0.00	0.0	6.019	0.000	0	0	1	1
030808	PL.6278	A	Consumer	14.87Y	123.9	0.00	2.09	0.19	0	3	0	100	0.00	0.0	6.019	0.000	3	0	1	1
PL.19265	PL.6278	A	4ACSR	14.87Y	123.9	0.00	2.09	2.19	1	32	5	99	0.00	0.0	6.048	0.029	0	0	0	16
030830	PL.19265	A	Consumer	14.87Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	6.048	0.000	0	0	0	0
030844	PL.19265	A	Consumer	14.87Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	6.048	0.000	0	0	1	1
PL.34996	PL.19265	A	4ACSR	14.87Y	123.9	0.00	2.09	2.19	1	32	5	99	0.00	0.0	6.080	0.033	0	0	0	15
PL.34997	PL.34996	A	4ACSR	14.87Y	123.9	0.00	2.09	2.19	1	32	5	99	0.00	0.0	6.112	0.031	0	0	0	14
030825	PL.34997	A	Consumer	14.87Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	6.112	0.000	0	0	1	1
030840	PL.34997	A	Consumer	14.87Y	123.9	0.00	2.09	0.10	0	1	0	100	0.00	0.0	6.112	0.000	1	0	1	1
PL.6273	PL.34997	A	4ACSR	14.87Y	123.9	0.00	2.09	1.45	1	21	3	99	0.00	0.0	6.170	0.058	0	0	0	8
PL.10422	PL.6273	A	4ACSR	14.87Y	123.9	0.00	2.10	1.45	1	21	3	99	0.00	0.0	6.222	0.052	0	0	0	7

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.1818	PL.10422	A	4ACSR	14.87Y	123.9	0.00	2.10	1.02	1	15	2	99	0.00	0.0	6.280	0.058	0	0	0	3
030818	PL.1818	A	Consumer	14.87Y	123.9	0.00	2.10	0.00	0	0	0	100	0.00	0.0	6.280	0.000	0	0	0	0
030816	PL.1818	A	Consumer	14.87Y	123.9	0.00	2.10	0.00	0	0	0	100	0.00	0.0	6.280	0.000	0	0	0	0
030814	PL.1818	A	Consumer	14.87Y	123.9	0.00	2.10	0.00	0	0	0	100	0.00	0.0	6.280	0.000	0	0	0	0
030823	PL.1818	A	Consumer	14.87Y	123.9	0.00	2.10	0.69	0	10	2	98	0.00	0.0	6.280	0.000	10	2	1	1
030841	PL.1818	A	Consumer	14.87Y	123.9	0.00	2.10	0.17	0	2	0	100	0.00	0.0	6.280	0.000	2	0	1	1
030837	PL.1818	A	Consumer	14.87Y	123.9	0.00	2.10	0.16	0	2	0	100	0.00	0.0	6.280	0.000	2	0	1	1
PL.10423	PL.10422	A	4ACSR	14.87Y	123.9	0.00	2.10	0.43	0	6	1	99	0.00	0.0	6.260	0.038	0	0	0	4
PL.23025	PL.10423	A	4ACSR	14.87Y	123.9	0.00	2.10	0.28	0	4	1	97	0.00	0.0	6.437	0.177	0	0	0	2
030847	PL.23025	A	Consumer	14.87Y	123.9	0.00	2.10	0.03	0	0	0	100	0.00	0.0	6.437	0.000	0	0	1	1
030836	PL.23025	A	Consumer	14.87Y	123.9	0.00	2.10	0.25	0	4	1	97	0.00	0.0	6.437	0.000	4	1	1	1
030852	PL.10423	A	Consumer	14.87Y	123.9	0.00	2.10	0.15	0	2	0	100	0.00	0.0	6.260	0.000	2	0	1	1
030817	PL.10423	A	Consumer	14.87Y	123.9	0.00	2.10	0.00	0	0	0	100	0.00	0.0	6.260	0.000	0	0	1	1
030809	PL.6273	A	Consumer	14.87Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	6.170	0.000	0	0	1	1
PL.41088	PL.34997	A	2ACSR	14.87Y	123.9	0.00	2.09	0.64	0	9	2	98	0.00	0.0	6.135	0.023	0	0	0	4
030846	PL.41088	A	Consumer	14.87Y	123.9	0.00	2.09	0.44	0	6	1	99	0.00	0.0	6.135	0.000	6	1	1	1
0308054	PL.41088	A	Consumer	14.87Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	6.135	0.000	0	0	1	1
031824	PL.41088	A	Consumer	14.87Y	123.9	0.00	2.09	0.21	0	3	0	100	0.00	0.0	6.135	0.000	3	0	1	2
031826	031824	A	Consumer	14.87Y	123.9	0.00	2.09	0.01	0	0	0	100	0.00	0.0	6.135	0.000	0	0	1	1
0308053	PL.34996	A	Consumer	14.87Y	123.9	0.00	2.09	0.00	0	0	0	100	0.00	0.0	6.080	0.000	0	0	1	1
030843	PL.6277	A	Consumer	14.87Y	123.9	0.00	2.09	0.42	0	6	1	99	0.00	0.0	5.983	0.000	6	1	1	1
030833	PL.27807	A	Consumer	14.87Y	123.9	0.00	2.08	0.07	0	1	0	100	0.00	0.0	5.876	0.000	1	0	1	1
030824	PL.27807	A	Consumer	14.87Y	123.9	0.00	2.08	0.24	0	4	1	97	0.00	0.0	5.876	0.000	4	1	1	1
030806	PL.6280	A	Consumer	14.87Y	123.9	0.00	2.07	1.19	0	17	3	98	0.00	0.0	5.822	0.000	17	3	1	1
031828	PL.6279	A	Consumer	14.87Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	5.763	0.000	0	0	1	1
PL.16201	PL.10421	A	2ACSR	14.87Y	123.9	0.01	2.05	113.50	45	1668	262	99	0.20	0.0	5.536	0.009	0	0	0	538
		B		15.11Y	125.9	0.00	0.12	42.71	17	644	45	100					0	0	0	240
		C		15.04Y	125.3	0.00	0.68	38.00	15	570	42	100					0	0	0	143
PD.253-A	PL.16201	A	Closed	14.87Y	123.9	0.00	2.05	113.50	0	1668	262	99	0.00	0.0	5.536	0.000	0	0	0	538
		B		15.11Y	125.9	0.00	0.12	42.71	0	644	45	100					0	0	0	240
		C		15.04Y	125.3	0.00	0.68	38.00	0	570	42	100					0	0	0	143
PD.253-B	PD.253-A	A	Closed	14.87Y	123.9	0.00	2.05	113.50	0	1668	262	99	0.00	0.0	5.536	0.000	0	0	0	538
		B		15.11Y	125.9	0.00	0.12	42.71	0	644	45	100					0	0	0	240
		C		15.04Y	125.3	0.00	0.68	38.00	0	570	42	100					0	0	0	143
PL.18795	PD.253-B	A	2ACSR	14.76Y	123.0	0.98	3.03	113.50	45	1668	262	99	14.09	0.5	6.141	0.605	0	0	0	538
		B		15.09Y	125.8	0.10	0.22	42.71	17	644	45	100					0	0	0	240
		C		15.00Y	125.0	0.34	1.02	38.00	15	570	42	100					0	0	0	143
PL.18796	PL.18795	A	2ACSR	14.75Y	123.0	0.01	3.04	113.50	45	1656	253	99	0.16	0.0	6.148	0.007	0	0	0	538
		B		15.09Y	125.8	0.00	0.22	42.71	17	643	44	100					0	0	0	240
		C		15.00Y	125.0	0.00	1.02	38.00	15	568	43	100					0	0	0	143
PL.18340	PL.18796	A	4ACSR	14.75Y	122.9	0.01	3.05	29.08	15	422	80	98	0.04	0.0	6.166	0.017	0	0	0	180
PD.256-A	PL.18340	A	Closed	14.75Y	122.9	0.00	3.05	29.08	0	422	80	98	0.00	0.0	6.166	0.000	0	0	0	180
PD.256-B	PD.256-A	A	Closed	14.75Y	122.9	0.00	3.05	29.08	0	422	80	98	0.00	0.0	6.166	0.000	0	0	0	180

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							% PF	kW Loss	% Loss	mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	mi Length (mi)	KW					KVAR			
PL.18341	PD.256-B	A	4ACSR	14.74Y	122.8	0.13	3.18	29.08	15	422	80	98	0.41	0.1	6.368	0.203	0	0	0	180	
PL.6272	PL.18341	A	4ACSR	14.73Y	122.8	0.04	3.22	27.86	14	403	77	98	0.11	0.0	6.427	0.059	0	0	0	178	
031809	PL.6272	A	Consumer	14.73Y	122.8	0.00	3.22	0.02	0	0	0	100	0.00	0.0	6.427	0.000	0	0	1	1	
PL.10424	PL.6272	A	4ACSR	14.72Y	122.7	0.11	3.33	27.84	14	403	77	98	0.35	0.1	6.614	0.187	0	0	0	177	
PL.11040	PL.10424	A	4ACSR	14.72Y	122.7	0.01	3.34	27.05	14	391	75	98	0.02	0.0	6.624	0.010	0	0	0	174	
PD.3405	PL.11040	A	50E	14.72Y	122.7	0.00	3.34	27.05	54	391	75	98	0.00	0.0	6.624	0.000	0	0	0	174	
PL.10974	PD.3405	A	4ACSR	14.72Y	122.6	0.02	3.36	27.05	14	391	75	98	0.06	0.0	6.659	0.035	0	0	0	174	
PL.28224	PL.10974	A	4ACSR	14.71Y	122.6	0.09	3.45	26.29	14	380	72	98	0.25	0.1	6.812	0.153	0	0	0	171	
PL.21833	PL.28224	A	4ACSR	14.70Y	122.5	0.08	3.52	26.28	14	380	72	98	0.22	0.1	6.946	0.134	0	0	0	169	
PL.43363	PL.21833	A	4ACSR	14.70Y	122.5	0.00	3.52	0.27	0	4	1	97	0.00	0.0	6.965	0.018	0	0	0	1	
PD.3852	PL.43363	A	fuse6AMP	14.70Y	122.5	0.00	3.52	0.27	5	4	1	97	0.00	0.0	6.965	0.000	0	0	0	1	
PL.43364	PD.3852	A	4ACSR	14.70Y	122.5	0.00	3.52	0.27	0	4	1	97	0.00	0.0	7.116	0.152	0	0	0	1	
030851	PL.43364	A	Consumer	14.70Y	122.5	0.00	3.52	0.27	0	4	1	97	0.00	0.0	7.116	0.000	4	1	1	1	
PL.21834	PL.21833	A	4ACSR	14.69Y	122.5	0.02	3.55	26.01	13	376	71	98	0.07	0.0	6.988	0.041	0	0	0	168	
PL.21835	PL.21834	A	4ACSR	14.67Y	122.3	0.17	3.72	26.00	13	375	71	98	0.49	0.1	7.291	0.303	0	0	0	167	
PL.21836	PL.21835	A	4ACSR	14.67Y	122.3	0.02	3.73	25.98	13	375	71	98	0.05	0.0	7.320	0.029	0	0	0	166	
PL.21656	PL.21836	A	4ACSR	14.67Y	122.2	0.04	3.78	25.98	13	374	71	98	0.12	0.0	7.396	0.077	0	0	0	166	
PD.408-A	PL.21656	A	Closed	14.67Y	122.2	0.00	3.78	25.98	0	374	71	98	0.00	0.0	7.396	0.000	0	0	0	166	
PD.408-B	PD.408-A	A	Closed	14.67Y	122.2	0.00	3.78	25.98	0	374	71	98	0.00	0.0	7.396	0.000	0	0	0	166	
PL.21657	PD.408-B	A	4ACSR	14.67Y	122.2	0.00	3.78	25.98	13	374	71	98	0.00	0.0	7.399	0.003	0	0	0	166	
459824	PL.21657	A	Consumer	14.67Y	122.2	0.00	3.78	0.00	0	0	0	100	0.00	0.0	7.399	0.000	0	0	1	1	
PL.21837	PL.21657	A	4ACSR	14.66Y	122.2	0.03	3.81	25.98	13	374	71	98	0.08	0.0	7.446	0.047	0	0	0	165	
PL.21142	PL.21837	A	4ACSR	14.66Y	122.2	0.00	3.81	0.24	0	4	1	97	0.00	0.0	7.505	0.059	0	0	0	4	
459837	PL.21142	A	Consumer	14.66Y	122.2	0.00	3.81	0.20	0	3	0	100	0.00	0.0	7.505	0.000	3	0	1	1	
PL.21143	PL.21142	A	4ACSR	14.66Y	122.2	0.00	3.81	0.04	0	1	0	100	0.00	0.0	7.539	0.033	0	0	0	3	
459812	PL.21143	A	Consumer	14.66Y	122.2	0.00	3.81	0.03	0	0	0	100	0.00	0.0	7.539	0.000	0	0	1	1	
459813	PL.21143	A	Consumer	14.66Y	122.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	7.539	0.000	0	0	1	1	
459814	PL.21143	A	Consumer	14.66Y	122.2	0.00	3.81	0.00	0	0	0	100	0.00	0.0	7.539	0.000	0	0	1	1	
PL.22256	PL.21837	A	4ACSR	14.66Y	122.2	0.00	3.81	1.61	1	23	4	99	0.00	0.0	7.495	0.049	0	0	0	4	
PD.1054	PL.22256	A	fuse6AMP	14.66Y	122.2	0.00	3.81	1.61	27	23	4	99	0.00	0.0	7.495	0.000	0	0	0	4	
PL.22257	PD.1054	A	4ACSR	14.66Y	122.2	0.00	3.81	1.61	1	23	4	99	0.00	0.0	7.585	0.090	0	0	0	4	
PL.22513	PL.22257	A	4ACSR	14.66Y	122.2	0.00	3.81	0.99	1	14	2	99	0.00	0.0	7.670	0.085	0	0	0	3	
PL.39608	PL.22513	A	2ACSR	14.66Y	122.2	0.00	3.81	0.20	0	3	0	100	0.00	0.0	7.702	0.032	0	0	0	1	
4598038	PL.39608	A	Consumer	14.66Y	122.2	0.00	3.81	0.20	0	3	0	100	0.00	0.0	7.702	0.000	3	0	1	1	
459825	PL.22513	A	Consumer	14.66Y	122.2	0.00	3.81	0.25	0	4	1	97	0.00	0.0	7.670	0.000	4	1	1	1	
PL.22458	PL.22513	A	4ACSR	14.66Y	122.2	0.00	3.81	0.54	0	8	1	99	0.00	0.0	7.716	0.046	0	0	0	1	
PL.23083	PL.22458	A	4ACSR	14.66Y	122.2	0.00	3.82	0.54	0	8	1	99	0.00	0.0	8.043	0.327	0	0	0	1	
459701	PL.23083	A	Consumer	14.66Y	122.2	0.00	3.82	0.54	0	8	1	99	0.00	0.0	8.043	0.000	8	1	1	1	

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' and '-Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.10426	PL.27273	A	4ACSR	14.61Y	121.7	0.00	4.25	1.63	1	23	4	99	0.00	0.0	8.470	0.041	0	0	0	9
PL.7001	PL.10426	A	4ACSR	14.61Y	121.7	0.00	4.25	1.37	1	20	3	99	0.00	0.0	8.544	0.074	0	0	0	6
PL.19959	PL.7001	A	4ACSR	14.61Y	121.7	0.00	4.26	0.99	1	14	2	99	0.00	0.0	8.600	0.056	0	0	0	5
458849	PL.19959	A	Consumer	14.61Y	121.7	0.00	4.26	0.62	0	9	1	99	0.00	0.0	8.600	0.000	9	1	1	1
458850	PL.19959	A	Consumer	14.61Y	121.7	0.00	4.26	0.18	0	3	0	100	0.00	0.0	8.600	0.000	3	0	1	1
PL.19960	PL.19959	A	4ACSR	14.61Y	121.7	0.00	4.26	0.19	0	3	0	100	0.00	0.0	8.659	0.059	0	0	0	3
PL.6997	PL.19960	A	4ACSR	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.691	0.032	0	0	0	1
PL.6998	PL.6997	A	4ACSR	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.731	0.040	0	0	0	1
PL.6996	PL.6998	A	4ACSR	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.768	0.037	0	0	0	1
458854	PL.6996	A	Consumer	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.768	0.000	0	0	1	1
458853	PL.19960	A	Consumer	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.659	0.000	0	0	1	1
458820	PL.19960	A	Consumer	14.61Y	121.7	0.00	4.26	0.19	0	3	0	100	0.00	0.0	8.659	0.000	3	0	1	1
458818	PL.19960	A	Consumer	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.659	0.000	0	0	0	0
458808	PL.19960	A	Consumer	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.659	0.000	0	0	0	0
PL.2625	PL.7001	A	4ACSR	14.61Y	121.7	0.00	4.25	0.00	0	0	0	100	0.00	0.0	8.649	0.105	0	0	0	0
458845	PL.2625	A	Consumer	14.61Y	121.7	0.00	4.25	0.00	0	0	0	100	0.00	0.0	8.649	0.000	0	0	0	0
458851	PL.7001	A	Consumer	14.61Y	121.7	0.00	4.25	0.38	0	5	1	98	0.00	0.0	8.544	0.000	5	1	1	1
458840	PL.10426	A	Consumer	14.61Y	121.7	0.00	4.25	0.01	0	0	0	100	0.00	0.0	8.470	0.000	0	0	1	1
458841	PL.10426	A	Consumer	14.61Y	121.7	0.00	4.25	0.07	0	1	0	100	0.00	0.0	8.470	0.000	1	0	1	1
458852	PL.10426	A	Consumer	14.61Y	121.7	0.00	4.25	0.17	0	2	0	100	0.00	0.0	8.470	0.000	2	0	1	1
PL.19521	PL.27273	A	4ACSR	14.61Y	121.7	0.00	4.25	0.68	0	10	2	98	0.00	0.0	8.471	0.043	0	0	0	5
458839	PL.19521	A	Consumer	14.61Y	121.7	0.00	4.25	0.03	0	0	0	100	0.00	0.0	8.471	0.000	0	0	1	1
458838	PL.19521	A	Consumer	14.61Y	121.7	0.00	4.25	0.00	0	0	0	100	0.00	0.0	8.471	0.000	0	0	0	0
PL.19522	PL.19521	A	4ACSR	14.61Y	121.7	0.00	4.25	0.66	0	9	2	98	0.00	0.0	8.514	0.043	0	0	0	4
458842	PL.19522	A	Consumer	14.61Y	121.7	0.00	4.25	0.00	0	0	0	100	0.00	0.0	8.514	0.000	0	0	1	1
PL.6995	PL.19522	A	4ACSR	14.61Y	121.7	0.00	4.25	0.66	0	9	2	98	0.00	0.0	8.542	0.028	0	0	0	3
458837	PL.6995	A	Consumer	14.61Y	121.7	0.00	4.25	0.02	0	0	0	100	0.00	0.0	8.542	0.000	0	0	1	1
458866	PL.6995	A	Consumer	14.61Y	121.7	0.00	4.25	0.00	0	0	0	100	0.00	0.0	8.542	0.000	0	0	0	0
458843	PL.6995	A	Consumer	14.61Y	121.7	0.00	4.25	0.64	0	9	2	98	0.00	0.0	8.542	0.000	9	2	1	1
458848	PL.6995	A	Consumer	14.61Y	121.7	0.00	4.25	0.00	0	0	0	100	0.00	0.0	8.542	0.000	0	0	1	1
PL.10427	PL.7000	A	4ACSR	14.61Y	121.7	0.01	4.26	16.76	9	240	48	98	0.03	0.0	8.426	0.040	0	0	0	115
PL.10488	PL.10427	A	4ACSR	14.61Y	121.7	-0.00	4.26	0.04	0	1	0	100	0.00	0.0	8.428	0.002	0	0	0	9
PL.27270	PL.10488	A	4ACSR	14.61Y	121.7	-0.00	4.26	0.04	0	1	0	100	0.00	0.0	8.431	0.003	0	0	0	9
PD.1052	PL.27270	A	fuse6AMP	14.61Y	121.7	0.00	4.26	0.04	1	1	0	100	0.00	0.0	8.431	0.000	0	0	0	9
PL.27271	PD.1052	A	4ACSR	14.61Y	121.7	0.00	4.26	0.04	0	1	0	100	0.00	0.0	8.569	0.138	0	0	0	9
PL.10489	PL.27271	A	4ACSR	14.61Y	121.7	0.00	4.26	0.02	0	0	0	100	0.00	0.0	8.609	0.040	0	0	0	5
PL.7002	PL.10489	A	4ACSR	14.61Y	121.7	0.00	4.26	0.02	0	0	0	100	0.00	0.0	8.649	0.039	0	0	0	5
PL.22528	PL.7002	A	4ACSR	14.61Y	121.7	0.00	4.26	0.02	0	0	0	100	0.00	0.0	8.695	0.047	0	0	0	4

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
458863	PL.22528	A	Consumer	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.695	0.000	0	0	0	0
458865	PL.22528	A	Consumer	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.695	0.000	0	0	1	1
458855	PL.22528	A	Consumer	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.695	0.000	0	0	1	1
458835	PL.22528	A	Consumer	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.695	0.000	0	0	0	0
458864	PL.22528	A	Consumer	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.695	0.000	0	0	1	1
458833	PL.22528	A	Consumer	14.61Y	121.7	0.00	4.26	0.02	0	0	0	100	0.00	0.0	8.695	0.000	0	0	1	1
458857	PL.7002	A	Consumer	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.649	0.000	0	0	1	1
458829	PL.27271	A	Consumer	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.569	0.000	0	0	1	1
458801	PL.27271	A	Consumer	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.569	0.000	0	0	1	1
458831	PL.27271	A	Consumer	14.61Y	121.7	0.00	4.26	0.00	0	0	0	100	0.00	0.0	8.569	0.000	0	0	1	1
458830	PL.27271	A	Consumer	14.61Y	121.7	0.00	4.26	0.02	0	0	0	100	0.00	0.0	8.569	0.000	0	0	1	1
PL.10487	PL.10427	A	4ACSR	14.61Y	121.7	0.01	4.28	16.72	9	239	48	98	0.02	0.0	8.462	0.036	0	0	0	106
458828	PL.10487	A	Consumer	14.61Y	121.7	0.00	4.28	0.01	0	0	0	100	0.00	0.0	8.462	0.000	0	0	1	1
458847	PL.10487	A	Consumer	14.61Y	121.7	0.00	4.28	0.00	0	0	0	100	0.00	0.0	8.462	0.000	0	0	0	0
458846	PL.10487	A	Consumer	14.61Y	121.7	0.00	4.28	0.00	0	0	0	100	0.00	0.0	8.462	0.000	0	0	1	1
458825	PL.10487	A	Consumer	14.61Y	121.7	0.00	4.28	0.00	0	0	0	100	0.00	0.0	8.462	0.000	0	0	0	0
PL.19679	PL.10487	A	4ACSR	14.60Y	121.7	0.02	4.30	16.71	9	239	48	98	0.04	0.0	8.516	0.054	0	0	0	104
458823	PL.19679	A	Consumer	14.60Y	121.7	0.00	4.30	0.22	0	3	1	95	0.00	0.0	8.516	0.000	3	1	1	1
458856	PL.19679	A	Consumer	14.60Y	121.7	0.00	4.30	0.02	0	0	0	100	0.00	0.0	8.516	0.000	0	0	1	1
458862	PL.19679	A	Consumer	14.60Y	121.7	0.00	4.30	0.01	0	0	0	100	0.00	0.0	8.516	0.000	0	0	1	1
458861	PL.19679	A	Consumer	14.60Y	121.7	0.00	4.30	0.01	0	0	0	100	0.00	0.0	8.516	0.000	0	0	1	1
458860	PL.19679	A	Consumer	14.60Y	121.7	0.00	4.30	0.00	0	0	0	100	0.00	0.0	8.516	0.000	0	0	1	1
PL.19680	PL.19679	A	4ACSR	14.60Y	121.7	0.03	4.33	16.44	8	235	48	98	0.06	0.0	8.612	0.095	0	0	0	99
PL.10490	PL.19680	A	4ACSR	14.60Y	121.6	0.02	4.35	15.40	8	220	45	98	0.04	0.0	8.680	0.068	0	0	0	97
PL.27672	PL.10490	A	4ACSR	14.59Y	121.6	0.02	4.38	14.67	8	210	43	98	0.04	0.0	8.755	0.075	0	0	0	93
458815	PL.27672	A	Consumer	14.59Y	121.6	0.00	4.38	0.00	0	0	0	100	0.00	0.0	8.755	0.000	0	0	1	1
PL.28381	PL.27672	A	4ACSR	14.59Y	121.6	0.02	4.40	14.67	8	210	43	98	0.03	0.0	8.814	0.059	0	0	0	92
PL.21841	PL.28381	A	4ACSR	14.59Y	121.6	0.01	4.41	14.53	7	208	43	98	0.02	0.0	8.846	0.031	0	0	0	87
PL.27269	PL.21841	A	4ACSR	14.59Y	121.6	0.00	4.41	14.53	7	208	43	98	0.00	0.0	8.851	0.006	0	0	0	87
PD.3524	PL.27269	A	35L	14.59Y	121.6	0.00	4.41	14.53	42	208	43	98	0.00	0.0	8.851	0.000	0	0	0	87
PL.46582	PD.3524	A	4ACSR	14.59Y	121.6	0.03	4.43	14.53	7	208	43	98	0.04	0.0	8.931	0.080	0	0	0	87
PL.46583	PL.46582	A	4ACSR	14.58Y	121.5	0.08	4.51	14.53	7	207	43	98	0.12	0.1	9.174	0.244	0	0	0	87
PL.21534	PL.46583	A	4ACSR	14.55Y	121.2	0.26	4.78	13.72	7	196	41	98	0.40	0.2	10.052	0.878	0	0	0	80
PL.21535	PL.21534	A	4ACSR	14.54Y	121.2	0.07	4.85	13.72	7	195	41	98	0.10	0.1	10.284	0.232	0	0	0	80
PL.28602	PL.21535	A	4ACSR	14.53Y	121.1	0.05	4.89	13.72	7	195	41	98	0.07	0.0	10.442	0.158	0	0	0	80
PL.28532	PL.28602	A	4ACSR	14.53Y	121.1	0.00	4.89	4.57	2	64	19	96	0.00	0.0	10.450	0.008	0	0	0	26
ST.27	PL.28532	A	Transforme	7.22Y	120.3	0.80	5.69	4.57	39	64	19	96	0.09	0.1	10.450	0.000	0	0	0	26
REG62	ST.27	A	1ph-100A-7	7.56Y	126.0	-5.69	0.00	9.13	9	64	18	96	percent Boost= 4.73 Tap= 7.6							26

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru %	Thru KW	KVAR	% PF	kW Loss	% Loss			KW	KVAR			
PD.2665	REG62	A	25L	7.56Y	126.0	0.00	0.00	8.72	35	64	18	96	0.00	0.0	10.450	0.000	0	0	0	26
PL.28533	PD.2665	A	4ACSR	7.54Y	125.6	0.41	0.41	8.72	4	64	18	96	0.19	0.3	11.494	1.044	0	0	0	26
PL.22665	PL.28533	A	4ACSR	7.53Y	125.6	0.03	0.44	1.16	1	8	3	94	0.00	0.0	12.095	0.602	0	0	0	18
PL.21675	PL.22665	A	4ACSR	7.53Y	125.6	0.00	0.44	1.16	1	8	3	94	0.00	0.0	12.101	0.005	0	0	0	18
PD.2664	PL.21675	A	15H	7.53Y	125.6	0.00	0.44	1.16	8	8	3	94	0.00	0.0	12.101	0.000	0	0	0	18
PL.21869	PD.2664	A	4ACSR	7.53Y	125.6	0.01	0.45	1.16	1	8	3	94	0.00	0.0	12.236	0.136	0	0	0	18
PL.22190	PL.21869	A	4ACSR	7.53Y	125.5	0.01	0.46	0.72	0	5	2	93	0.00	0.0	12.633	0.396	0	0	0	17
PL.28601	PL.22190	A	4ACSR	7.53Y	125.5	0.00	0.46	0.72	0	5	2	93	0.00	0.0	12.706	0.074	0	0	0	17
PL.28599	PL.28601	A	4ACSR	7.53Y	125.5	0.02	0.48	0.72	0	5	2	93	0.00	0.0	13.228	0.522	0	0	0	17
PL.22667	PL.28599	A	4ACSR	7.53Y	125.5	0.00	0.48	0.72	0	5	2	93	0.00	0.0	13.333	0.105	0	0	0	17
PL.28600	PL.22667	A	4ACSR	7.53Y	125.5	0.01	0.50	0.72	0	5	2	93	0.00	0.0	13.691	0.359	0	0	0	17
PL.22118	PL.28600	A	4ACSR	7.53Y	125.5	0.01	0.50	0.72	0	5	2	93	0.00	0.0	13.847	0.156	0	0	0	17
PD.414-A	PL.22118	A	Closed	7.53Y	125.5	0.00	0.50	0.72	0	5	2	93	0.00	0.0	13.847	0.000	0	0	0	17
PD.414-B	PD.414-A	A	Closed	7.53Y	125.5	0.00	0.50	0.72	0	5	2	93	0.00	0.0	13.847	0.000	0	0	0	17
PL.22119	PD.414-B	A	4ACSR	7.53Y	125.5	0.00	0.50	0.72	0	5	2	93	0.00	0.0	13.893	0.046	0	0	0	17
PL.29243	PL.22119	A	4ACSR	7.53Y	125.5	0.01	0.51	0.72	0	5	2	93	0.00	0.0	14.098	0.206	0	0	0	17
464201	PL.29243	A	Consumer	7.53Y	125.5	0.00	0.51	0.01	0	0	0	100	0.00	0.0	14.098	0.000	0	0	1	1
PL.29227	PL.29243	A	4ACSR	7.53Y	125.5	0.01	0.51	0.71	0	5	2	93	0.00	0.0	14.280	0.181	0	0	0	16
PL.29228	PL.29227	A	4ACSR	7.53Y	125.5	0.00	0.52	0.62	0	4	2	89	0.00	0.0	14.304	0.025	0	0	0	15
PL.29226	PL.29228	A	4ACSR	7.53Y	125.5	0.00	0.52	0.62	0	4	2	89	0.00	0.0	14.443	0.138	0	0	0	15
PL.29229	PL.29226	A	4ACSR	7.53Y	125.5	0.00	0.52	0.48	0	3	2	83	0.00	0.0	14.537	0.094	0	0	0	13
PL.29564	PL.29229	A	4ACSR	7.53Y	125.5	0.00	0.52	0.39	0	3	1	95	0.00	0.0	14.595	0.059	0	0	0	2
464217	PL.29564	A	Consumer	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	14.595	0.000	0	0	1	1
464209	PL.29564	A	Consumer	7.53Y	125.5	0.00	0.52	0.39	0	3	1	95	0.00	0.0	14.595	0.000	3	1	1	1
PL.29230	PL.29229	A	4ACSR	7.53Y	125.5	0.00	0.52	0.09	0	1	0	100	0.00	0.0	14.591	0.055	0	0	0	11
PL.29231	PL.29230	A	4ACSR	7.53Y	125.5	0.00	0.52	0.09	0	1	0	100	0.00	0.0	14.713	0.122	0	0	0	10
PL.29232	PL.29231	A	4ACSR	7.53Y	125.5	0.00	0.52	0.09	0	1	0	100	0.00	0.0	14.800	0.087	0	0	0	10
PL.29566	PL.29232	A	4ACSR	7.53Y	125.5	0.00	0.52	0.01	0	0	0	100	0.00	0.0	14.882	0.082	0	0	0	1
464211	PL.29566	A	Consumer	7.53Y	125.5	0.00	0.52	0.01	0	0	0	100	0.00	0.0	14.882	0.000	0	0	1	1
PL.29237	PL.29232	A	4ACSR	7.53Y	125.5	0.00	0.52	0.09	0	1	0	100	0.00	0.0	14.881	0.081	0	0	0	9
PL.29238	PL.29237	A	4ACSR	7.53Y	125.5	0.00	0.52	0.05	0	0	0	100	0.00	0.0	15.071	0.190	0	0	0	6
PL.29239	PL.29238	A	4ACSR	7.53Y	125.5	0.00	0.52	0.05	0	0	0	100	0.00	0.0	15.137	0.066	0	0	0	5
PL.29240	PL.29239	A	4ACSR	7.53Y	125.5	0.00	0.52	0.05	0	0	0	100	0.00	0.0	15.139	0.002	0	0	0	5
PL.29569	PL.29240	A	4ACSR	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	15.242	0.103	0	0	0	1
464303	PL.29569	A	Consumer	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	15.242	0.000	0	0	1	1
464309	PL.29240	A	Consumer	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	15.139	0.000	0	0	1	1
PL.29241	PL.29240	A	4ACSR	7.53Y	125.5	0.00	0.52	0.05	0	0	0	100	0.00	0.0	15.304	0.165	0	0	0	3
PL.29244	PL.29241	A	4ACSR	7.53Y	125.5	0.00	0.52	0.05	0	0	0	100	0.00	0.0	15.327	0.023	0	0	0	3

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.29541	PL.29244	A	4ACSR	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	15.383	0.056	0	0	0	2
464306	PL.29541	A	Consumer	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	15.383	0.000	0	0	1	1
464310	PL.29541	A	Consumer	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	15.383	0.000	0	0	1	1
PL.29542	PL.29541	A	4ACSR	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	15.480	0.097	0	0	0	0
464305	PL.29244	A	Consumer	7.53Y	125.5	0.00	0.52	0.05	0	0	0	100	0.00	0.0	15.327	0.000	0	0	1	1
PL.29568	PL.29238	A	4ACSR	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	15.196	0.125	0	0	0	1
464301	PL.29568	A	Consumer	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	15.196	0.000	0	0	1	1
PL.29567	PL.29237	A	4ACSR	7.53Y	125.5	0.00	0.52	0.03	0	0	0	100	0.00	0.0	14.921	0.040	0	0	0	3
464213	PL.29567	A	Consumer	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	14.921	0.000	0	0	1	1
464215	PL.29567	A	Consumer	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	14.921	0.000	0	0	1	1
464218	PL.29567	A	Consumer	7.53Y	125.5	0.00	0.52	0.03	0	0	0	100	0.00	0.0	14.921	0.000	0	0	1	1
PL.29565	PL.29230	A	4ACSR	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	14.633	0.041	0	0	0	1
464214	PL.29565	A	Consumer	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	14.633	0.000	0	0	1	1
464216	PL.29226	A	Consumer	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	14.443	0.000	0	0	1	1
464206	PL.29226	A	Consumer	7.53Y	125.5	0.00	0.52	0.13	0	1	0	100	0.00	0.0	14.443	0.000	1	0	1	1
PL.29563	PL.29228	A	4ACSR	7.53Y	125.5	0.00	0.52	0.00	0	0	0	100	0.00	0.0	14.340	0.036	0	0	0	0
PL.29562	PL.29227	A	4ACSR	7.53Y	125.5	0.00	0.51	0.09	0	1	0	100	0.00	0.0	14.316	0.036	0	0	0	1
464204	PL.29562	A	Consumer	7.53Y	125.5	0.00	0.51	0.09	0	1	0	100	0.00	0.0	14.316	0.000	1	0	1	1
PL.22116	PL.21869	A	4ACSR	7.53Y	125.6	0.00	0.45	0.45	0	3	1	95	0.00	0.0	12.239	0.002	0	0	0	1
PD.1050	PL.22116	A	fuse6AMP	7.53Y	125.6	0.00	0.45	0.45	8	3	1	95	0.00	0.0	12.239	0.000	0	0	0	1
PL.22117	PD.1050	A	4ACSR	7.53Y	125.5	0.00	0.45	0.45	0	3	1	95	0.00	0.0	12.442	0.203	0	0	0	1
455906	PL.22117	A	Consumer	7.53Y	125.5	0.00	0.45	0.45	0	3	1	95	0.00	0.0	12.442	0.000	3	1	1	1
PL.22121	PL.28533	A	4ACSR	7.54Y	125.6	0.00	0.41	7.56	4	55	15	96	0.00	0.0	11.497	0.003	0	0	0	8
PD.405-A	PL.22121	A	Closed	7.54Y	125.6	0.00	0.41	7.56	0	55	15	96	0.00	0.0	11.497	0.000	0	0	0	8
PD.405-B	PD.405-A	A	Closed	7.54Y	125.6	0.00	0.41	7.56	0	55	15	96	0.00	0.0	11.497	0.000	0	0	0	8
PL.45318	PD.405-B	A	4ACSR	7.53Y	125.5	0.13	0.53	7.56	4	55	15	96	0.05	0.1	11.870	0.374	0	0	0	8
PL.45319	PL.45318	A	4ACSR	7.53Y	125.4	0.03	0.57	7.56	4	55	14	97	0.01	0.0	11.962	0.091	0	0	0	8
C PD.5178	PL.45319	A	fuse6AMP	7.53Y	125.4	0.00	0.57	7.56	129	55	14	97	0.00	0.0	11.962	0.000	0	0	0	8 C
PL.34964	PD.5178	A	4ACSR	7.52Y	125.4	0.04	0.61	6.62	3	48	13	97	0.02	0.0	12.110	0.148	0	0	0	7
C PD.1049	PL.34964	A	fuse6AMP	7.52Y	125.4	0.00	0.61	6.62	113	48	13	97	0.00	0.0	12.110	0.000	0	0	0	7 C
PL.22120	PD.1049	A	4ACSR	7.52Y	125.4	0.00	0.61	6.62	3	48	13	97	0.00	0.0	12.117	0.007	0	0	0	7
PL.29559	PL.22120	A	4ACSR	7.52Y	125.4	0.00	0.61	0.35	0	3	0	100	0.00	0.0	12.154	0.037	0	0	0	1
455901	PL.29559	A	Consumer	7.52Y	125.4	0.00	0.61	0.35	0	3	0	100	0.00	0.0	12.154	0.000	3	0	1	1
PL.21673	PL.22120	A	4ACSR	7.52Y	125.4	0.02	0.63	6.28	3	45	13	96	0.01	0.0	12.171	0.055	0	0	0	6
PL.21672	PL.21673	A	4ACSR	7.52Y	125.3	0.04	0.66	1.42	1	11	2	98	0.00	0.0	12.763	0.592	0	0	0	3
PL.23082	PL.21672	A	4ACSR	7.52Y	125.3	0.00	0.66	0.44	0	3	1	95	0.00	0.0	12.837	0.074	0	0	0	2
PL.23617	PL.23082	A	4ACSR	7.52Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	12.876	0.039	0	0	0	0
465201	PL.23082	A	Consumer	7.52Y	125.3	0.00	0.66	0.33	0	2	0	100	0.00	0.0	12.837	0.000	2	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.23618	PL.23082	A	4ACSR	7.52Y	125.3	0.00	0.67	0.11	0	1	0	100	0.00	0.0	12.967	0.130	0	0	0	1
465202	PL.23618	A	Consumer	7.52Y	125.3	0.00	0.67	0.11	0	1	0	100	0.00	0.0	12.967	0.000	1	0	1	1
455905	PL.21672	A	Consumer	7.52Y	125.3	0.00	0.66	0.98	0	7	1	99	0.00	0.0	12.763	0.000	7	1	1	1
455907	PL.21673	A	Consumer	7.52Y	125.4	0.00	0.63	1.67	0	11	5	91	0.00	0.0	12.171	0.000	11	5	1	1
455902	PL.21673	A	Consumer	7.52Y	125.4	0.00	0.63	2.31	0	17	3	98	0.00	0.0	12.171	0.000	17	3	1	1
455904	PL.21673	A	Consumer	7.52Y	125.4	0.00	0.63	0.94	0	6	3	89	0.00	0.0	12.171	0.000	6	3	1	1
PL.34962	PD.5178	A	1/0EPRJCN	7.53Y	125.4	0.00	0.57	0.95	0	7	1	99	0.00	0.0	11.996	0.034	0	0	0	1
4559008	PL.34962	A	Consumer	7.53Y	125.4	0.00	0.57	0.95	0	7	1	99	0.00	0.0	11.996	0.000	7	1	1	1
PL.45317	PL.45318	A	4ACSR	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	12.082	0.212	0	0	0	0
PL.45320	PL.45317	A	4ACSR	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	12.122	0.040	0	0	0	0
4559009	PL.45320	A	Consumer	7.53Y	125.5	0.00	0.53	0.00	0	0	0	100	0.00	0.0	12.122	0.000	0	0	0	0
PL.22968	PL.28602	A	4ACSR	14.53Y	121.1	0.00	4.90	9.18	5	132	22	99	0.00	0.0	10.448	0.005	0	0	0	54
PD.2666	PL.22968	A	25L	14.53Y	121.1	0.00	4.90	9.18	37	132	22	99	0.00	0.0	10.448	0.000	0	0	0	54
PL.22969	PD.2666	A	4ACSR	14.53Y	121.1	0.04	4.94	9.18	5	132	22	99	0.04	0.0	10.651	0.203	0	0	0	54
PL.21842	PL.22969	A	4ACSR	14.51Y	120.9	0.14	5.08	9.18	5	132	22	99	0.15	0.1	11.376	0.725	0	0	0	54
PL.22112	PL.21842	A	4ACSR	14.51Y	120.9	0.00	5.08	0.79	0	11	2	98	0.00	0.0	11.380	0.005	0	0	0	15
PD.1051	PL.22112	A	fuse6AMP	14.51Y	120.9	0.00	5.08	0.79	13	11	2	98	0.00	0.0	11.380	0.000	0	0	0	15
PL.22113	PD.1051	A	4ACSR	14.51Y	120.9	0.00	5.08	0.79	0	11	2	98	0.00	0.0	11.475	0.095	0	0	0	15
457909	PL.22113	A	Consumer	14.51Y	120.9	0.00	5.08	0.00	0	0	0	100	0.00	0.0	11.475	0.000	0	0	1	1
456917	PL.22113	A	Consumer	14.51Y	120.9	0.00	5.08	0.00	0	0	0	100	0.00	0.0	11.475	0.000	0	0	0	0
PL.22530	PL.22113	A	4ACSR	14.51Y	120.9	0.00	5.08	0.79	0	11	2	98	0.00	0.0	11.549	0.074	0	0	0	14
PL.21843	PL.22530	A	4ACSR	14.51Y	120.9	0.00	5.08	0.79	0	11	2	98	0.00	0.0	11.566	0.017	0	0	0	14
PL.22456	PL.21843	A	4ACSR	14.51Y	120.9	0.00	5.08	0.43	0	6	1	99	0.00	0.0	11.586	0.020	0	0	0	5
PL.22457	PL.22456	A	4ACSR	14.51Y	120.9	0.00	5.08	0.29	0	4	1	97	0.00	0.0	11.611	0.025	0	0	0	3
456928	PL.22457	A	Consumer	14.51Y	120.9	0.00	5.08	0.00	0	0	0	100	0.00	0.0	11.611	0.000	0	0	1	1
456918	PL.22457	A	Consumer	14.51Y	120.9	0.00	5.08	0.14	0	2	0	100	0.00	0.0	11.611	0.000	2	0	1	1
PL.22451	PL.22457	A	4ACSR	14.51Y	120.9	0.00	5.08	0.15	0	2	0	100	0.00	0.0	11.648	0.037	0	0	0	1
456919	PL.22451	A	Consumer	14.51Y	120.9	0.00	5.08	0.15	0	2	0	100	0.00	0.0	11.648	0.000	2	0	1	1
456923	PL.22456	A	Consumer	14.51Y	120.9	0.00	5.08	0.00	0	0	0	100	0.00	0.0	11.586	0.000	0	0	1	1
456927	PL.22456	A	Consumer	14.51Y	120.9	0.00	5.08	0.14	0	2	0	100	0.00	0.0	11.586	0.000	2	0	1	1
PL.21844	PL.21843	A	4ACSR	14.51Y	120.9	0.00	5.08	0.36	0	5	1	98	0.00	0.0	11.651	0.085	0	0	0	9
PL.33047	PL.21844	A	4ACSR	14.51Y	120.9	0.00	5.08	0.25	0	4	1	97	0.00	0.0	11.720	0.069	0	0	0	1
456925	PL.33047	A	Consumer	14.51Y	120.9	0.00	5.08	0.25	0	4	1	97	0.00	0.0	11.720	0.000	4	1	1	1
456915	PL.21844	A	Consumer	14.51Y	120.9	0.00	5.08	0.02	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1
456913	PL.21844	A	Consumer	14.51Y	120.9	0.00	5.08	0.02	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1
456920	PL.21844	A	Consumer	14.51Y	120.9	0.00	5.08	0.00	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1
456916	PL.21844	A	Consumer	14.51Y	120.9	0.00	5.08	0.01	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1
457908	PL.21844	A	Consumer	14.51Y	120.9	0.00	5.08	0.05	0	1	0	100	0.00	0.0	11.651	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
456921	PL.21844	A	Consumer	14.51Y	120.9	0.00	5.08	0.00	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1
456924	PL.21844	A	Consumer	14.51Y	120.9	0.00	5.08	0.00	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1
456911	PL.21844	A	Consumer	14.51Y	120.9	0.00	5.08	0.01	0	0	0	100	0.00	0.0	11.651	0.000	0	0	1	1
PL.22666	PL.21842	A	4ACSR	14.51Y	120.9	0.01	5.09	8.39	4	120	20	99	0.01	0.0	11.429	0.054	0	0	0	39
457914	PL.22666	A	Consumer	14.51Y	120.9	0.00	5.09	0.02	0	0	0	100	0.00	0.0	11.429	0.000	0	0	1	1
457916	PL.22666	A	Consumer	14.51Y	120.9	0.00	5.09	0.08	0	1	1	71	0.00	0.0	11.429	0.000	1	1	1	1
PL.28585	PL.22666	A	4ACSR	14.51Y	120.9	0.00	5.09	5.69	3	81	13	99	0.00	0.0	11.455	0.025	0	0	0	21
457913	PL.28585	A	Consumer	14.51Y	120.9	0.00	5.09	0.25	0	4	1	97	0.00	0.0	11.455	0.000	4	1	1	1
457910	PL.28585	A	Consumer	14.51Y	120.9	0.00	5.09	0.02	0	0	0	100	0.00	0.0	11.455	0.000	0	0	1	1
457906	PL.28585	A	Consumer	14.51Y	120.9	0.00	5.09	0.23	0	3	1	95	0.00	0.0	11.455	0.000	3	1	1	1
PL.28586	PL.28585	A	4ACSR	14.51Y	120.9	0.01	5.11	5.19	3	74	12	99	0.01	0.0	11.577	0.122	0	0	0	18
PL.22531	PL.28586	A	4ACSR	14.51Y	120.9	0.01	5.12	4.24	2	61	10	99	0.00	0.0	11.688	0.111	0	0	0	17
PL.22529	PL.22531	A	4ACSR	14.51Y	120.9	0.01	5.12	3.83	2	55	9	99	0.00	0.0	11.753	0.066	0	0	0	15
PL.22191	PL.22529	A	4ACSR	14.51Y	120.9	0.00	5.12	3.83	2	55	9	99	0.00	0.0	11.755	0.002	0	0	0	15
PL.28552	PL.22191	A	4ACSR	14.51Y	120.9	0.00	5.12	0.98	1	14	2	99	0.00	0.0	11.811	0.056	0	0	0	5
467203	PL.28552	A	Consumer	14.51Y	120.9	0.00	5.12	0.11	0	2	0	100	0.00	0.0	11.811	0.000	2	0	1	1
PL.28553	PL.28552	A	4ACSR	14.51Y	120.9	0.00	5.12	0.87	0	13	2	99	0.00	0.0	11.832	0.021	0	0	0	4
PL.22192	PL.28553	A	4ACSR	14.51Y	120.9	0.00	5.12	0.87	0	13	2	99	0.00	0.0	11.886	0.054	0	0	0	4
PL.22193	PL.22192	A	4ACSR	14.51Y	120.9	0.00	5.12	0.85	0	12	2	99	0.00	0.0	11.898	0.013	0	0	0	3
PL.22608	PL.22193	A	4ACSR	14.51Y	120.9	0.00	5.12	0.85	0	12	2	99	0.00	0.0	11.923	0.025	0	0	0	3
PL.22609	PL.22608	A	4ACSR	14.50Y	120.9	0.00	5.13	0.70	0	10	2	98	0.00	0.0	11.986	0.063	0	0	0	2
467208	PL.22609	A	Consumer	14.50Y	120.9	0.00	5.13	0.06	0	1	0	100	0.00	0.0	11.986	0.000	1	0	1	1
467216	PL.22609	A	Consumer	14.50Y	120.9	0.00	5.13	0.64	0	9	1	99	0.00	0.0	11.986	0.000	9	1	1	1
467207	PL.22608	A	Consumer	14.51Y	120.9	0.00	5.12	0.15	0	2	0	100	0.00	0.0	11.923	0.000	2	0	1	1
457919	PL.22608	A	Consumer	14.51Y	120.9	0.00	5.12	0.00	0	0	0	100	0.00	0.0	11.923	0.000	0	0	0	0
4672017	PL.22608	A	Consumer	14.51Y	120.9	0.00	5.12	0.00	0	0	0	100	0.00	0.0	11.923	0.000	0	0	0	0
457918	PL.22608	A	Consumer	14.51Y	120.9	0.00	5.12	0.00	0	0	0	100	0.00	0.0	11.923	0.000	0	0	0	0
467220	PL.22608	A	Consumer	14.51Y	120.9	0.00	5.12	0.00	0	0	0	100	0.00	0.0	11.923	0.000	0	0	0	0
PL.22326	PL.22192	A	4ACSR	14.51Y	120.9	-0.00	5.12	0.02	0	0	0	100	0.00	0.0	11.892	0.007	0	0	0	1
PL.23619	PL.22326	A	4ACSR	14.51Y	120.9	0.00	5.12	0.02	0	0	0	100	0.00	0.0	11.983	0.091	0	0	0	1
467209	PL.23619	A	Consumer	14.51Y	120.9	0.00	5.12	0.02	0	0	0	100	0.00	0.0	11.983	0.000	0	0	1	1
467219	PL.23619	A	Consumer	14.51Y	120.9	0.00	5.12	0.00	0	0	0	100	0.00	0.0	11.983	0.000	0	0	0	0
PL.22194	PL.22191	A	4ACSR	14.50Y	120.9	0.00	5.13	2.84	1	41	7	99	0.00	0.0	11.834	0.079	0	0	0	10
PL.22196	PL.22194	A	4ACSR	14.50Y	120.9	0.00	5.13	1.17	1	17	3	98	0.00	0.0	11.877	0.044	0	0	0	5
PL.23620	PL.22196	A	4ACSR	14.50Y	120.9	0.00	5.13	0.12	0	2	0	100	0.00	0.0	11.908	0.030	0	0	0	1
467214	PL.23620	A	Consumer	14.50Y	120.9	0.00	5.13	0.12	0	2	0	100	0.00	0.0	11.908	0.000	2	0	1	1
PL.22197	PL.22196	A	4ACSR	14.50Y	120.9	0.00	5.13	1.05	1	15	2	99	0.00	0.0	11.898	0.021	0	0	0	4
467215	PL.22197	A	Consumer	14.50Y	120.9	0.00	5.13	0.13	0	2	0	100	0.00	0.0	11.898	0.000	2	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
467213	PL.22197	A	Consumer	14.50Y	120.9	0.00	5.13	0.00	0	0	0	100	0.00	0.0	11.898	0.000	0	0	1	1
467218	PL.22197	A	Consumer	14.50Y	120.9	0.00	5.13	0.00	0	0	0	100	0.00	0.0	11.898	0.000	0	0	1	1
467210	PL.22197	A	Consumer	14.50Y	120.9	0.00	5.13	0.92	0	13	2	99	0.00	0.0	11.898	0.000	13	2	1	1
PL.22195	PL.22194	A	4ACSR	14.50Y	120.9	0.00	5.13	1.67	1	24	4	99	0.00	0.0	11.938	0.105	0	0	0	5
PL.22200	PL.22195	A	4ACSR	14.50Y	120.9	0.00	5.13	0.20	0	3	0	100	0.00	0.0	11.995	0.056	0	0	0	1
PL.21671	PL.22200	A	4ACSR	14.50Y	120.9	0.00	5.13	0.00	0	0	0	100	0.00	0.0	12.014	0.020	0	0	0	0
PL.22198	PL.21671	A	4ACSR	14.50Y	120.9	0.00	5.13	0.00	0	0	0	100	0.00	0.0	12.049	0.035	0	0	0	0
PL.22199	PL.22198	A	4ACSR	14.50Y	120.9	0.00	5.13	0.00	0	0	0	100	0.00	0.0	12.084	0.035	0	0	0	0
PL.23616	PL.22199	A	4ACSR	14.50Y	120.9	0.00	5.13	0.00	0	0	0	100	0.00	0.0	12.106	0.022	0	0	0	0
466208	PL.23616	A	Consumer	14.50Y	120.9	0.00	5.13	0.00	0	0	0	100	0.00	0.0	12.106	0.000	0	0	0	0
PL.23621	PL.22200	A	4ACSR	14.50Y	120.9	0.00	5.13	0.20	0	3	0	100	0.00	0.0	12.003	0.009	0	0	0	1
PL.22327	PL.23621	A	4ACSR	14.50Y	120.9	0.00	5.13	0.20	0	3	0	100	0.00	0.0	12.048	0.045	0	0	0	1
457901	PL.22327	A	Consumer	14.50Y	120.9	0.00	5.13	0.20	0	3	0	100	0.00	0.0	12.048	0.000	3	0	1	1
467204	PL.22195	A	Consumer	14.50Y	120.9	0.00	5.13	0.97	0	14	2	99	0.00	0.0	11.938	0.000	14	2	1	1
467212	PL.22195	A	Consumer	14.50Y	120.9	0.00	5.13	0.25	0	4	1	97	0.00	0.0	11.938	0.000	4	1	1	1
467211	PL.22195	A	Consumer	14.50Y	120.9	0.00	5.13	0.03	0	0	0	100	0.00	0.0	11.938	0.000	0	0	1	1
467202	PL.22195	A	Consumer	14.50Y	120.9	0.00	5.13	0.21	0	3	0	100	0.00	0.0	11.938	0.000	3	0	1	1
457902	PL.22531	A	Consumer	14.51Y	120.9	0.00	5.12	0.30	0	4	1	97	0.00	0.0	11.688	0.000	4	1	1	1
4579017	PL.22531	A	Consumer	14.51Y	120.9	0.00	5.12	0.12	0	2	0	100	0.00	0.0	11.688	0.000	2	0	1	1
457907	PL.28586	A	Consumer	14.51Y	120.9	0.00	5.11	0.94	0	14	2	99	0.00	0.0	11.577	0.000	14	2	1	1
PL.21847	PL.22666	A	4ACSR	14.51Y	120.9	0.00	5.09	0.75	0	11	2	98	0.00	0.0	11.477	0.048	0	0	0	3
457911	PL.21847	A	Consumer	14.51Y	120.9	0.00	5.09	0.32	0	5	1	98	0.00	0.0	11.477	0.000	5	1	1	1
PL.21848	PL.21847	A	4ACSR	14.51Y	120.9	0.00	5.09	0.43	0	6	1	99	0.00	0.0	11.563	0.086	0	0	0	2
457915	PL.21848	A	Consumer	14.51Y	120.9	0.00	5.09	0.43	0	6	1	99	0.00	0.0	11.563	0.000	6	1	1	1
457912	PL.21848	A	Consumer	14.51Y	120.9	0.00	5.09	0.00	0	0	0	100	0.00	0.0	11.563	0.000	0	0	1	1
PL.45185	PL.22666	A	4ACSR	14.51Y	120.9	0.00	5.09	1.85	1	26	4	99	0.00	0.0	11.440	0.011	0	0	0	13
PD.8608	PL.45185	A	fuse6AMP	14.51Y	120.9	0.00	5.09	1.85	32	26	4	99	0.00	0.0	11.440	0.000	0	0	0	13
PL.45186	PD.8608	A	4ACSR	14.51Y	120.9	0.00	5.09	1.85	1	26	4	99	0.00	0.0	11.445	0.005	0	0	0	13
PL.21846	PL.45186	A	4ACSR	14.51Y	120.9	0.00	5.09	1.64	1	23	4	99	0.00	0.0	11.468	0.023	0	0	0	12
PL.35626	PL.21846	A	4ACSR	14.51Y	120.9	0.00	5.09	1.64	1	23	4	99	0.00	0.0	11.548	0.080	0	0	0	12
PL.35627	PL.35626	A	4ACSR	14.51Y	120.9	0.00	5.09	1.62	1	23	4	99	0.00	0.0	11.593	0.045	0	0	0	11
456912	PL.35627	A	Consumer	14.51Y	120.9	0.00	5.09	0.22	0	3	1	95	0.00	0.0	11.593	0.000	3	1	1	1
PL.28222	PL.35627	A	4ACSR	14.51Y	120.9	0.00	5.10	1.40	1	20	3	99	0.00	0.0	11.652	0.059	0	0	0	10
PL.23081	PL.28222	A	4ACSR	14.51Y	120.9	0.00	5.10	0.33	0	5	1	98	0.00	0.0	11.729	0.077	0	0	0	1
456914	PL.23081	A	Consumer	14.51Y	120.9	0.00	5.10	0.33	0	5	1	98	0.00	0.0	11.729	0.000	5	1	1	1
PL.28223	PL.28222	A	4ACSR	14.51Y	120.9	0.00	5.10	1.08	1	15	3	98	0.00	0.0	11.762	0.110	0	0	0	9
456908	PL.28223	A	Consumer	14.51Y	120.9	0.00	5.10	0.10	0	1	0	100	0.00	0.0	11.762	0.000	1	0	1	1
PL.22454	PL.28223	A	4ACSR	14.51Y	120.9	0.00	5.10	0.98	1	14	2	99	0.00	0.0	11.818	0.056	0	0	0	8

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
PL.22455	PL.22454	A	4ACSR	14.51Y	120.9	0.00	5.10	0.88	0	13	2	99	0.00	0.0	11.877	0.058	0	0	0	7
PL.22453	PL.22455	A	4ACSR	14.51Y	120.9	0.00	5.10	0.88	0	13	2	99	0.00	0.0	11.989	0.113	0	0	0	7
PL.22607	PL.22453	A	4ACSR	14.51Y	120.9	0.00	5.10	0.88	0	13	2	99	0.00	0.0	11.995	0.005	0	0	0	7
466209	PL.22607	A	Consumer	14.51Y	120.9	0.00	5.10	0.20	0	3	0	100	0.00	0.0	11.995	0.000	3	0	1	1
PL.22125	PL.22607	A	4ACSR	14.51Y	120.9	0.00	5.11	0.68	0	10	2	98	0.00	0.0	12.108	0.113	0	0	0	6
PL.23615	PL.22125	A	4ACSR	14.51Y	120.9	0.00	5.11	0.09	0	1	0	100	0.00	0.0	12.155	0.047	0	0	0	2
466203	PL.23615	A	Consumer	14.51Y	120.9	0.00	5.11	0.00	0	0	0	100	0.00	0.0	12.155	0.000	0	0	1	1
466206	PL.23615	A	Consumer	14.51Y	120.9	0.00	5.11	0.09	0	1	0	100	0.00	0.0	12.155	0.000	1	0	1	1
PL.28221	PL.22125	A	4ACSR	14.51Y	120.9	0.00	5.11	0.59	0	8	1	99	0.00	0.0	12.108	0.000	0	0	0	3
PL.22124	PL.28221	A	4ACSR	14.51Y	120.9	0.00	5.11	0.59	0	8	1	99	0.00	0.0	12.228	0.121	0	0	0	3
466207	PL.22124	A	Consumer	14.51Y	120.9	0.00	5.11	0.13	0	2	0	100	0.00	0.0	12.228	0.000	2	0	1	1
466201	PL.22124	A	Consumer	14.51Y	120.9	0.00	5.11	0.09	0	1	0	100	0.00	0.0	12.228	0.000	1	0	1	1
466205	PL.22124	A	Consumer	14.51Y	120.9	0.00	5.11	0.37	0	5	1	98	0.00	0.0	12.228	0.000	5	1	1	1
466202	PL.22124	A	Consumer	14.51Y	120.9	0.00	5.11	0.00	0	0	0	100	0.00	0.0	12.228	0.000	0	0	0	0
466204	PL.22125	A	Consumer	14.51Y	120.9	0.00	5.11	0.00	0	0	0	100	0.00	0.0	12.108	0.000	0	0	1	1
456922	PL.22454	A	Consumer	14.51Y	120.9	0.00	5.10	0.10	0	1	0	100	0.00	0.0	11.818	0.000	1	0	1	1
4569029	PL.35626	A	Consumer	14.51Y	120.9	0.00	5.09	0.02	0	0	0	100	0.00	0.0	11.548	0.000	0	0	1	1
PL.23084	PL.45186	A	4ACSR	14.51Y	120.9	0.00	5.09	0.21	0	3	0	100	0.00	0.0	11.495	0.050	0	0	0	1
456910	PL.23084	A	Consumer	14.51Y	120.9	0.00	5.09	0.21	0	3	0	100	0.00	0.0	11.495	0.000	3	0	1	1
PL.22114	PL.46583	A	4ACSR	14.58Y	121.5	0.00	4.51	0.81	0	12	2	99	0.00	0.0	9.177	0.002	0	0	0	7
PD.406-A	PL.22114	A	Closed	14.58Y	121.5	0.00	4.51	0.81	0	12	2	99	0.00	0.0	9.177	0.000	0	0	0	7
PD.406-B	PD.406-A	A	Closed	14.58Y	121.5	0.00	4.51	0.81	0	12	2	99	0.00	0.0	9.177	0.000	0	0	0	7
PL.22115	PD.406-B	A	4ACSR	14.58Y	121.5	0.00	4.51	0.81	0	12	2	99	0.00	0.0	9.241	0.064	0	0	0	7
PL.23182	PL.22115	A	4ACSR	14.58Y	121.5	0.00	4.51	0.62	0	9	1	99	0.00	0.0	9.276	0.035	0	0	0	6
458906	PL.23182	A	Consumer	14.58Y	121.5	0.00	4.51	0.27	0	4	1	97	0.00	0.0	9.276	0.000	4	1	1	1
PL.23183	PL.23182	A	4ACSR	14.58Y	121.5	0.00	4.51	0.35	0	5	1	98	0.00	0.0	9.311	0.034	0	0	0	5
PL.21518	PL.23183	A	4ACSR	14.58Y	121.5	0.00	4.51	0.19	0	3	0	100	0.00	0.0	9.378	0.068	0	0	0	3
458903	PL.21518	A	Consumer	14.58Y	121.5	0.00	4.51	0.01	0	0	0	100	0.00	0.0	9.378	0.000	0	0	1	1
458905	PL.21518	A	Consumer	14.58Y	121.5	0.00	4.51	0.00	0	0	0	100	0.00	0.0	9.378	0.000	0	0	0	0
458908	PL.21518	A	Consumer	14.58Y	121.5	0.00	4.51	0.04	0	1	0	100	0.00	0.0	9.378	0.000	1	0	1	1
458907	PL.21518	A	Consumer	14.58Y	121.5	0.00	4.51	0.14	0	2	0	100	0.00	0.0	9.378	0.000	2	0	1	1
458902	PL.23183	A	Consumer	14.58Y	121.5	0.00	4.51	0.16	0	2	0	100	0.00	0.0	9.311	0.000	2	0	1	1
458904	PL.23183	A	Consumer	14.58Y	121.5	0.00	4.51	0.00	0	0	0	100	0.00	0.0	9.311	0.000	0	0	1	1
458901	PL.22115	A	Consumer	14.58Y	121.5	0.00	4.51	0.19	0	3	0	100	0.00	0.0	9.241	0.000	3	0	1	1
4588068	PL.28381	A	Consumer	14.59Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	8.814	0.000	0	0	1	1
458827	PL.28381	A	Consumer	14.59Y	121.6	0.00	4.40	0.14	0	2	0	100	0.00	0.0	8.814	0.000	2	0	1	1
458806	PL.28381	A	Consumer	14.59Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	8.814	0.000	0	0	1	1
4588067	PL.28381	A	Consumer	14.59Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	8.814	0.000	0	0	1	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
458858	PL.28381	A	Consumer	14.59Y	121.6	0.00	4.40	0.00	0	0	0	100	0.00	0.0	8.814	0.000	0	0	1	1
458822	PL.10490	A	Consumer	14.60Y	121.6	0.00	4.35	0.62	0	9	1	99	0.00	0.0	8.680	0.000	9	1	1	1
458817	PL.10490	A	Consumer	14.60Y	121.6	0.00	4.35	0.07	0	1	0	100	0.00	0.0	8.680	0.000	1	0	1	1
458810	PL.10490	A	Consumer	14.60Y	121.6	0.00	4.35	0.04	0	1	0	100	0.00	0.0	8.680	0.000	1	0	1	1
458804	PL.10490	A	Consumer	14.60Y	121.6	0.00	4.35	0.00	0	0	0	100	0.00	0.0	8.680	0.000	0	0	1	1
458821	PL.19680	A	Consumer	14.60Y	121.7	0.00	4.33	0.67	0	10	2	98	0.00	0.0	8.612	0.000	10	2	1	1
458824	PL.19680	A	Consumer	14.60Y	121.7	0.00	4.33	0.37	0	5	1	98	0.00	0.0	8.612	0.000	5	1	1	1
458805	PL.6999	A	Consumer	14.61Y	121.8	0.00	4.22	0.83	0	12	2	99	0.00	0.0	8.324	0.000	12	2	1	1
459831	PL.17995	A	Consumer	14.63Y	121.9	0.00	4.06	0.04	0	1	0	100	0.00	0.0	7.961	0.000	1	0	1	1
PL.22526	PL.21839	A	4ACSR	14.65Y	122.1	0.00	3.91	1.69	1	24	4	99	0.00	0.0	7.668	0.031	0	0	0	4
459830	PL.22526	A	Consumer	14.65Y	122.1	0.00	3.91	0.72	0	10	2	98	0.00	0.0	7.668	0.000	10	2	1	1
PL.22527	PL.22526	A	4ACSR	14.65Y	122.1	0.00	3.91	0.97	0	14	2	99	0.00	0.0	7.707	0.039	0	0	0	3
PL.22525	PL.22527	A	4ACSR	14.65Y	122.1	0.00	3.91	0.21	0	3	1	95	0.00	0.0	7.760	0.053	0	0	0	2
459829	PL.22525	A	Consumer	14.65Y	122.1	0.00	3.91	0.00	0	0	0	100	0.00	0.0	7.760	0.000	0	0	1	1
PL.22328	PL.22525	A	4ACSR	14.65Y	122.1	0.00	3.91	0.21	0	3	1	95	0.00	0.0	7.838	0.077	0	0	0	1
459833	PL.22328	A	Consumer	14.65Y	122.1	0.00	3.91	0.21	0	3	1	95	0.00	0.0	7.838	0.000	3	1	1	1
459828	PL.22527	A	Consumer	14.65Y	122.1	0.00	3.91	0.75	0	11	2	98	0.00	0.0	7.707	0.000	11	2	1	1
PL.41732	PL.21655	A	4ACSR	14.66Y	122.1	0.00	3.86	0.53	0	8	1	99	0.00	0.0	7.569	0.014	0	0	0	5
PD.7622	PL.41732	A	fuse6AMP	14.66Y	122.1	0.00	3.86	0.53	9	8	1	99	0.00	0.0	7.569	0.000	0	0	0	5
PL.41733	PD.7622	A	4ACSR	14.66Y	122.1	0.00	3.86	0.53	0	8	1	99	0.00	0.0	7.606	0.038	0	0	0	5
PL.23170	PL.41733	A	4ACSR	14.66Y	122.1	0.00	3.86	0.51	0	7	1	99	0.00	0.0	7.650	0.044	0	0	0	3
459821	PL.23170	A	Consumer	14.66Y	122.1	0.00	3.86	0.09	0	1	0	100	0.00	0.0	7.650	0.000	1	0	1	1
PL.22514	PL.23170	A	4ACSR	14.66Y	122.1	0.00	3.87	0.42	0	6	1	99	0.00	0.0	7.708	0.057	0	0	0	2
PL.22329	PL.22514	A	4ACSR	14.66Y	122.1	0.00	3.87	0.00	0	0	0	100	0.00	0.0	7.765	0.057	0	0	0	0
459835	PL.22329	A	Consumer	14.66Y	122.1	0.00	3.87	0.00	0	0	0	100	0.00	0.0	7.765	0.000	0	0	0	0
459836	PL.22514	A	Consumer	14.66Y	122.1	0.00	3.87	0.00	0	0	0	100	0.00	0.0	7.708	0.000	0	0	1	1
459832	PL.22514	A	Consumer	14.66Y	122.1	0.00	3.87	0.42	0	6	1	99	0.00	0.0	7.708	0.000	6	1	1	1
459818	PL.41733	A	Consumer	14.66Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	7.606	0.000	0	0	1	1
459819	PL.41733	A	Consumer	14.66Y	122.1	0.00	3.86	0.01	0	0	0	100	0.00	0.0	7.606	0.000	0	0	1	1
459820	PL.41733	A	Consumer	14.66Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	7.606	0.000	0	0	0	0
459817	PL.41733	A	Consumer	14.66Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	7.606	0.000	0	0	0	0
PL.21207	PL.21835	A	4ACSR	14.67Y	122.3	0.00	3.72	0.03	0	0	0	100	0.00	0.0	7.338	0.047	0	0	0	1
030835	PL.21207	A	Consumer	14.67Y	122.3	0.00	3.72	0.03	0	0	0	100	0.00	0.0	7.338	0.000	0	0	1	1
030801	PL.21834	A	Consumer	14.69Y	122.5	0.00	3.55	0.01	0	0	0	100	0.00	0.0	6.988	0.000	0	0	1	1
030828	PL.28224	A	Consumer	14.71Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	6.812	0.000	0	0	1	1
030821	PL.28224	A	Consumer	14.71Y	122.6	0.00	3.45	0.00	0	0	0	100	0.00	0.0	6.812	0.000	0	0	1	1
030804	PL.10974	A	Consumer	14.72Y	122.6	0.00	3.36	0.03	0	0	0	100	0.00	0.0	6.659	0.000	0	0	1	1
030850	PL.10974	A	Consumer	14.72Y	122.6	0.00	3.36	0.10	0	1	1	71	0.00	0.0	6.659	0.000	1	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss		Length (mi)	KW			KVAR	
030826	PL.10974	A	Consumer	14.72Y	122.6	0.00	3.36	0.64	0	9	2	98	0.00	0.0	6.659	0.000	9	2	1	1
030831	PL.10424	A	Consumer	14.72Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	6.614	0.000	0	0	1	1
030805	PL.10424	A	Consumer	14.72Y	122.7	0.00	3.33	0.79	0	11	2	98	0.00	0.0	6.614	0.000	11	2	1	1
030839	PL.10424	A	Consumer	14.72Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	6.614	0.000	0	0	0	0
030834	PL.10424	A	Consumer	14.72Y	122.7	0.00	3.33	0.00	0	0	0	100	0.00	0.0	6.614	0.000	0	0	1	1
031818	PL.18341	A	Consumer	14.74Y	122.8	0.00	3.18	0.01	0	0	0	100	0.00	0.0	6.368	0.000	0	0	1	1
031825	PL.18341	A	Consumer	14.74Y	122.8	0.00	3.18	1.22	0	18	3	99	0.00	0.0	6.368	0.000	18	3	1	1
PL.46095	PL.18796	A	1/0ACSR	14.75Y	122.9	0.01	3.05	84.45	26	1234	173	99	0.12	0.0	6.161	0.013	0	0	0	358
		B		15.09Y	125.8	0.00	0.22	42.71	13	643	44	100					0	0	0	240
		C		15.00Y	125.0	0.00	1.03	38.00	12	568	43	100					0	0	0	143
PD.255-A	PL.46095	A	Closed	14.75Y	122.9	0.00	3.05	84.45	0	1234	173	99	0.00	0.0	6.161	0.000	0	0	0	358
		B		15.09Y	125.8	0.00	0.22	42.71	0	643	44	100					0	0	0	240
		C		15.00Y	125.0	0.00	1.03	38.00	0	568	43	100					0	0	0	143
PD.255-B	PD.255-A	A	Closed	14.75Y	122.9	0.00	3.05	84.45	0	1234	173	99	0.00	0.0	6.161	0.000	0	0	0	358
		B		15.09Y	125.8	0.00	0.22	42.71	0	643	44	100					0	0	0	240
		C		15.00Y	125.0	0.00	1.03	38.00	0	568	43	100					0	0	0	143
PL.46096	PD.255-B	A	1/0ACSR	14.73Y	122.8	0.16	3.22	84.45	26	1234	173	99	1.87	0.1	6.360	0.199	0	0	0	358
		B		15.09Y	125.8	0.02	0.24	42.71	13	643	44	100					0	0	0	240
		C		14.99Y	124.9	0.07	1.10	38.00	12	568	43	100					0	0	0	143
PL.16202	PL.46096	A	1/0ACSR	14.66Y	122.2	0.60	3.81	83.07	25	1212	168	99	6.75	0.3	7.097	0.737	0	0	0	348
		B		15.08Y	125.7	0.09	0.34	42.71	13	643	43	100					0	0	0	240
		C		14.96Y	124.7	0.25	1.35	38.00	12	568	42	100					0	0	0	143
PD.252-A	PL.16202	A	Closed	14.66Y	122.2	0.00	3.81	83.07	0	1207	162	99	0.00	0.0	7.097	0.000	0	0	0	348
		B		15.08Y	125.7	0.00	0.34	42.71	0	643	42	100					0	0	0	240
		C		14.96Y	124.7	0.00	1.35	38.00	0	567	42	100					0	0	0	143
PD.252-B	PD.252-A	A	Closed	14.66Y	122.2	0.00	3.81	83.07	0	1207	162	99	0.00	0.0	7.097	0.000	0	0	0	348
		B		15.08Y	125.7	0.00	0.34	42.71	0	643	42	100					0	0	0	240
		C		14.96Y	124.7	0.00	1.35	38.00	0	567	42	100					0	0	0	143
PL.43748	PD.252-B	A	1/0ACSR	14.66Y	122.2	0.01	3.82	83.07	25	1207	162	99	0.07	0.0	7.105	0.008	0	0	0	348
		B		15.08Y	125.7	0.00	0.34	42.71	13	643	42	100					0	0	0	240
		C		14.96Y	124.6	0.00	1.35	38.00	12	567	42	100					0	0	0	143
PL.43749	PL.43748	A	1/0ACSR	14.66Y	122.2	0.00	3.82	83.07	25	1207	162	99	0.00	0.0	7.105	0.000	0	0	0	348
		B		15.08Y	125.7	0.00	0.34	42.71	13	643	42	100					0	0	0	240
		C		14.96Y	124.6	0.00	1.35	37.99	12	567	42	100					0	0	0	140
030904	PL.43749	C	Consumer	14.96Y	124.6	0.00	1.35	0.00	0	0	0	100	0.00	0.0	7.105	0.000	0	0	1	1
PL.10969	PL.43749	A	1/0ACSR	14.64Y	122.0	0.20	4.02	83.07	25	1207	162	99	2.22	0.1	7.347	0.242	0	0	0	348
		B		15.08Y	125.6	0.03	0.37	42.71	13	643	42	100					0	0	0	240
		C		14.95Y	124.6	0.08	1.44	37.99	12	567	42	100					0	0	0	139
PL.10970	PL.10969	A	1/0ACSR	14.63Y	121.9	0.11	4.12	83.07	25	1205	160	99	1.17	0.0	7.477	0.129	0	0	0	348
		B		15.07Y	125.6	0.02	0.38	42.71	13	643	42	100					0	0	0	240
		C		14.94Y	124.5	0.04	1.48	36.37	11	542	38	100					0	0	0	135
PL.20029	PL.10970	A	1/0ACSR	14.62Y	121.8	0.05	4.17	83.07	25	1204	159	99	0.55	0.0	7.537	0.061	0	0	0	348
		B		15.07Y	125.6	0.01	0.39	42.71	13	643	42	100					0	0	0	240
		C		14.94Y	124.5	0.02	1.50	36.34	11	542	38	100					0	0	0	132
PL.20030	PL.20029	A	1/0ACSR	14.61Y	121.8	0.05	4.23	83.07	25	1204	159	99	0.60	0.0	7.604	0.067	0	0	0	348
		B		15.07Y	125.6	0.01	0.40	42.71	13	642	41	100					0	0	0	240
		C		14.94Y	124.5	0.02	1.52	35.64	11	531	36	100					0	0	0	129
030917	PL.20030	B	Consumer	15.07Y	125.6	0.00	0.40	0.02	0	0	0	100	0.00	0.0	7.604	0.000	0	0	1	1
030910	PL.20030	B	Consumer	15.07Y	125.6	0.00	0.40	0.59	0	9	1	99	0.00	0.0	7.604	0.000	9	1	1	1
PL.6276	PL.20030	A	1/0ACSR	14.60Y	121.6	0.12	4.35	83.07	25	1203	158	99	1.37	0.1	7.757	0.152	0	0	0	348
		B		15.07Y	125.6	0.02	0.41	42.10	13	633	40	100					0	0	0	238
		C		14.93Y	124.4	0.05	1.57	35.64	11	531	36	100					0	0	0	129

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.190, PL.3189, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for various elements like PL.3187, 040211, PL.10986, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.7319	PL.18631	A	4ACSR	14.41Y	120.1	0.00	5.92	2.86	1	41	7	99	0.00	0.0	9.506	0.027	0	0	0	19
PL.17979	PL.7319	A	4ACSR	14.41Y	120.1	0.00	5.92	2.86	1	41	7	99	0.00	0.0	9.512	0.005	0	0	0	17
PD.3694	PL.17979	A	25L	14.41Y	120.1	0.00	5.92	2.86	11	41	7	99	0.00	0.0	9.512	0.000	0	0	0	17
PL.17980	PD.3694	A	4ACSR	14.41Y	120.1	0.00	5.93	2.86	1	41	7	99	0.00	0.0	9.560	0.049	0	0	0	17
PL.10846	PL.17980	A	4ACSR	14.41Y	120.1	0.00	5.93	2.47	1	35	6	99	0.00	0.0	9.642	0.082	0	0	0	16
PL.3186	PL.10846	A	4ACSR	14.41Y	120.1	0.00	5.93	0.00	0	0	0	100	0.00	0.0	9.668	0.025	0	0	0	0
040388	PL.10846	A	Consumer	14.41Y	120.1	0.00	5.93	0.08	0	1	0	100	0.00	0.0	9.642	0.000	1	0	1	1
PL.10847	PL.10846	A	4ACSR	14.41Y	120.1	0.00	5.93	2.39	1	34	6	98	0.00	0.0	9.664	0.022	0	0	0	15
040344	PL.10847	A	Consumer	14.41Y	120.1	0.00	5.93	0.84	0	12	2	99	0.00	0.0	9.664	0.000	12	2	1	1
040346	PL.10847	A	Consumer	14.41Y	120.1	0.00	5.93	0.00	0	0	0	100	0.00	0.0	9.664	0.000	0	0	1	1
040365	PL.10847	A	Consumer	14.41Y	120.1	0.00	5.93	0.74	0	11	2	98	0.00	0.0	9.664	0.000	11	2	1	1
PL.10848	PL.10847	A	4ACSR	14.41Y	120.1	0.00	5.93	0.81	0	12	2	99	0.00	0.0	9.715	0.051	0	0	0	12
PL.7307	PL.10848	A	4ACSR	14.41Y	120.1	0.00	5.93	0.78	0	11	2	98	0.00	0.0	9.736	0.021	0	0	0	10
PL.22880	PL.7307	A	4ACSR	14.41Y	120.1	0.00	5.93	0.35	0	5	1	98	0.00	0.0	9.801	0.064	0	0	0	8
PL.22881	PL.22880	A	4ACSR	14.41Y	120.1	0.00	5.94	0.30	0	4	1	97	0.00	0.0	9.839	0.038	0	0	0	6
040362	PL.22881	A	Consumer	14.41Y	120.1	0.00	5.94	0.02	0	0	0	100	0.00	0.0	9.839	0.000	0	0	1	1
040393	PL.22881	A	Consumer	14.41Y	120.1	0.00	5.94	0.21	0	3	0	100	0.00	0.0	9.839	0.000	3	0	1	1
040359	PL.22881	A	Consumer	14.41Y	120.1	0.00	5.94	0.01	0	0	0	100	0.00	0.0	9.839	0.000	0	0	1	1
PL.7309	PL.22881	A	4ACSR	14.41Y	120.1	0.00	5.94	0.06	0	1	0	100	0.00	0.0	9.947	0.108	0	0	0	3
PL.7308	PL.7309	A	4ACSR	14.41Y	120.1	0.00	5.94	0.02	0	0	0	100	0.00	0.0	9.992	0.045	0	0	0	2
040370	PL.7308	A	Consumer	14.41Y	120.1	0.00	5.94	0.01	0	0	0	100	0.00	0.0	9.992	0.000	0	0	1	1
040350	PL.7308	A	Consumer	14.41Y	120.1	0.00	5.94	0.02	0	0	0	100	0.00	0.0	9.992	0.000	0	0	1	1
040345	PL.7309	A	Consumer	14.41Y	120.1	0.00	5.94	0.04	0	1	0	100	0.00	0.0	9.947	0.000	1	0	1	1
040372	PL.22880	A	Consumer	14.41Y	120.1	0.00	5.93	0.00	0	0	0	100	0.00	0.0	9.801	0.000	0	0	0	0
040351	PL.22880	A	Consumer	14.41Y	120.1	0.00	5.93	0.01	0	0	0	100	0.00	0.0	9.801	0.000	0	0	1	1
040347	PL.22880	A	Consumer	14.41Y	120.1	0.00	5.93	0.04	0	1	0	100	0.00	0.0	9.801	0.000	1	0	1	1
040349	PL.7307	A	Consumer	14.41Y	120.1	0.00	5.93	0.04	0	1	0	100	0.00	0.0	9.736	0.000	1	0	1	1
040355	PL.7307	A	Consumer	14.41Y	120.1	0.00	5.93	0.39	0	6	1	99	0.00	0.0	9.736	0.000	6	1	1	1
040375	PL.10848	A	Consumer	14.41Y	120.1	0.00	5.93	0.03	0	0	0	100	0.00	0.0	9.715	0.000	0	0	1	1
040353	PL.10848	A	Consumer	14.41Y	120.1	0.00	5.93	0.00	0	0	0	100	0.00	0.0	9.715	0.000	0	0	1	1
040340	PL.17980	A	Consumer	14.41Y	120.1	0.00	5.93	0.39	0	6	1	99	0.00	0.0	9.560	0.000	6	1	1	1
040392	PL.7319	A	Consumer	14.41Y	120.1	0.00	5.92	0.00	0	0	0	100	0.00	0.0	9.506	0.000	0	0	1	1
040396	PL.7319	A	Consumer	14.41Y	120.1	0.00	5.92	0.00	0	0	0	100	0.00	0.0	9.506	0.000	0	0	1	1
040390	PL.18631	A	Consumer	14.41Y	120.1	0.00	5.92	0.00	0	0	0	100	0.00	0.0	9.480	0.000	0	0	1	1
PL.10844	PL.10843	A	2ACSR	14.41Y	120.1	0.02	5.94	74.41	29	1059	165	99	0.25	0.0	9.473	0.021	0	0	0	316
		B		15.03Y	125.3	0.01	0.73	41.64	16	620	89	99					0	0	0	233
		C		14.87Y	123.9	0.01	2.12	29.39	12	433	60	99					0	0	0	116
PL.191	PL.10844	A	336ACSR	14.41Y	120.0	0.01	5.96	74.41	10	1059	165	99	0.08	0.0	9.508	0.035	0	0	0	316
		B		15.03Y	125.3	-0.00	0.73	40.13	5	597	85	99					0	0	0	230
		C		14.86Y	123.9	0.00	2.13	27.84	4	410	57	99					0	0	0	114

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.17897, PD.3693, PL.18228, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.192	PL.6843	A	2ACSR	14.34Y	119.5	0.05	6.48	45.92	18	652	97	99	0.39	0.0	10.281	0.070	0	0	0	199
		B		15.00Y	125.0	0.03	1.03	36.70	14	545	76	99					0	0	0	219
		C		14.84Y	123.7	0.02	2.33	23.40	9	345	39	99					0	0	0	105
PL.19122	PL.192	C	4ACSR	14.84Y	123.7	0.00	2.34	0.96	0	14	2	99	0.00	0.0	10.314	0.033	0	0	0	2
PL.19123	PL.19122	C	4ACSR	14.84Y	123.7	0.00	2.34	0.96	0	14	2	99	0.00	0.0	10.340	0.025	0	0	0	2
0404119	PL.19123	C	Consumer	14.84Y	123.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	10.340	0.000	0	0	1	1
040491	PL.19123	C	Consumer	14.84Y	123.7	0.00	2.34	0.96	0	14	2	99	0.00	0.0	10.340	0.000	14	2	1	1
PL.46097	PL.192	B	4ACSR	15.00Y	125.0	0.00	1.03	0.96	0	14	2	99	0.00	0.0	10.293	0.011	0	0	0	8
PD.8718	PL.46097	B	fuse6AMP	15.00Y	125.0	0.00	1.03	0.96	16	14	2	99	0.00	0.0	10.293	0.000	0	0	0	8
PL.46098	PD.8718	B	4ACSR	15.00Y	125.0	0.00	1.04	0.96	0	14	2	99	0.00	0.0	10.354	0.061	0	0	0	8
0404128	PL.46098	B	Consumer	15.00Y	125.0	0.00	1.04	0.08	0	1	0	100	0.00	0.0	10.354	0.000	1	0	1	1
PL.7355	PL.46098	B	4ACSR	15.00Y	125.0	0.00	1.04	0.87	0	13	2	99	0.00	0.0	10.568	0.214	0	0	0	7
PL.30322	PL.7355	B	4ACSR	15.00Y	125.0	0.00	1.04	0.77	0	11	2	98	0.00	0.0	10.643	0.076	0	0	0	4
0414125	PL.30322	B	Consumer	15.00Y	125.0	0.00	1.04	0.71	0	11	2	98	0.00	0.0	10.643	0.000	11	2	1	1
PL.30323	PL.30322	B	4ACSR	15.00Y	125.0	0.00	1.04	0.05	0	1	0	100	0.00	0.0	10.678	0.035	0	0	0	3
PL.30320	PL.30323	B	4ACSR	15.00Y	125.0	0.00	1.04	0.02	0	0	0	100	0.00	0.0	10.753	0.075	0	0	0	1
0414123	PL.30320	B	Consumer	15.00Y	125.0	0.00	1.04	0.02	0	0	0	100	0.00	0.0	10.753	0.000	0	0	1	1
PL.30321	PL.30320	B	4ACSR	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	10.783	0.030	0	0	0	0
PL.30788	PL.30323	B	4ACSR	15.00Y	125.0	0.00	1.04	0.03	0	0	0	100	0.00	0.0	10.783	0.105	0	0	0	1
0414127	PL.30788	B	Consumer	15.00Y	125.0	0.00	1.04	0.03	0	0	0	100	0.00	0.0	10.783	0.000	0	0	1	1
PL.30789	PL.30788	B	4ACSR	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	10.825	0.041	0	0	0	0
0414107	PL.30323	B	Consumer	15.00Y	125.0	0.00	1.04	0.01	0	0	0	100	0.00	0.0	10.678	0.000	0	0	1	1
0414119	PL.7355	B	Consumer	15.00Y	125.0	0.00	1.04	0.05	0	1	0	100	0.00	0.0	10.568	0.000	1	0	1	1
0414122	PL.7355	B	Consumer	15.00Y	125.0	0.00	1.04	0.05	0	1	0	100	0.00	0.0	10.568	0.000	1	0	1	1
0414126	PL.7355	B	Consumer	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	10.568	0.000	0	0	1	1
PL.28094	PL.192	A	4ACSR	14.34Y	119.5	0.00	6.48	20.14	10	285	47	99	0.01	0.0	10.290	0.008	0	0	0	87
PD.3702	PL.28094	A	35E	14.34Y	119.5	0.00	6.48	20.14	58	285	47	99	0.00	0.0	10.290	0.000	0	0	0	87
PL.28095	PD.3702	A	4ACSR	14.34Y	119.5	0.04	6.52	20.14	10	285	47	99	0.09	0.0	10.383	0.093	0	0	0	87
PL.11498	PL.28095	A	4ACSR	14.33Y	119.4	0.05	6.57	18.81	10	266	44	99	0.11	0.0	10.508	0.124	0	0	0	85
PL.20344	PL.11498	A	4ACSR	14.33Y	119.4	0.01	6.58	12.38	6	175	29	99	0.01	0.0	10.542	0.034	0	0	0	65
C PD.1838	PL.20344	A	fuse6AMP	14.33Y	119.4	0.00	6.58	12.38	212	175	29	99	0.00	0.0	10.542	0.000	0	0	0	65 C
PL.20345	PD.1838	A	4ACSR	14.33Y	119.4	0.00	6.59	12.38	6	175	29	99	0.00	0.0	10.547	0.005	0	0	0	65
PL.19025	PL.20345	A	4ACSR	14.33Y	119.4	0.01	6.59	11.61	6	164	27	99	0.01	0.0	10.582	0.035	0	0	0	63
PL.11499	PL.19025	A	4ACSR	14.33Y	119.4	0.02	6.61	10.48	5	148	24	99	0.02	0.0	10.650	0.068	0	0	0	62
041491	PL.11499	A	Consumer	14.33Y	119.4	0.00	6.61	0.00	0	0	0	100	0.00	0.0	10.650	0.000	0	0	1	1
041424	PL.11499	A	Consumer	14.33Y	119.4	0.00	6.61	0.00	0	0	0	100	0.00	0.0	10.650	0.000	0	0	1	1
041450	PL.11499	A	Consumer	14.33Y	119.4	0.00	6.61	0.00	0	0	0	100	0.00	0.0	10.650	0.000	0	0	1	1
0414100	PL.11499	A	Consumer	14.33Y	119.4	0.00	6.61	0.00	0	0	0	100	0.00	0.0	10.650	0.000	0	0	1	1
041425	PL.11499	A	Consumer	14.33Y	119.4	0.00	6.61	0.30	0	4	1	97	0.00	0.0	10.650	0.000	4	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.7340	PL.11499	A	4ACSR	14.32Y	119.4	0.02	6.63	10.18	5	144	24	99	0.02	0.0	10.737	0.087	0	0	0	57
0414101	PL.7340	A	Consumer	14.32Y	119.4	0.00	6.63	0.10	0	1	0	100	0.00	0.0	10.737	0.000	1	0	1	1
041411	PL.7340	A	Consumer	14.32Y	119.4	0.00	6.63	0.00	0	0	0	100	0.00	0.0	10.737	0.000	0	0	1	1
PL.11235	PL.7340	A	4ACSR	14.32Y	119.4	0.01	6.64	10.08	5	142	23	99	0.01	0.0	10.792	0.055	0	0	0	55
PL.11236	PL.11235	A	4ACSR	14.32Y	119.4	0.00	6.65	8.91	5	126	21	99	0.00	0.0	10.818	0.026	0	0	0	51
041412	PL.11236	A	Consumer	14.32Y	119.4	0.00	6.65	0.00	0	0	0	100	0.00	0.0	10.818	0.000	0	0	1	1
041415	PL.11236	A	Consumer	14.32Y	119.4	0.00	6.65	0.02	0	0	0	100	0.00	0.0	10.818	0.000	0	0	1	1
041437	PL.11236	A	Consumer	14.32Y	119.4	0.00	6.65	0.06	0	1	0	100	0.00	0.0	10.818	0.000	1	0	1	1
041414	PL.11236	A	Consumer	14.32Y	119.4	0.00	6.65	0.03	0	0	0	100	0.00	0.0	10.818	0.000	0	0	1	1
PL.11505	PL.11236	A	4ACSR	14.32Y	119.3	0.01	6.66	8.80	5	124	20	99	0.01	0.0	10.880	0.062	0	0	0	47
PL.7334	PL.11505	A	4ACSR	14.32Y	119.3	0.01	6.66	8.13	4	115	19	99	0.01	0.0	10.914	0.034	0	0	0	45
PL.11238	PL.7334	A	4ACSR	14.32Y	119.3	0.01	6.67	8.08	4	114	19	99	0.01	0.0	10.969	0.056	0	0	0	44
041418	PL.11238	A	Consumer	14.32Y	119.3	0.00	6.67	0.00	0	0	0	100	0.00	0.0	10.969	0.000	0	0	1	1
041417	PL.11238	A	Consumer	14.32Y	119.3	0.00	6.67	0.20	0	3	0	100	0.00	0.0	10.969	0.000	3	0	1	1
041420	PL.11238	A	Consumer	14.32Y	119.3	0.00	6.67	0.16	0	2	0	100	0.00	0.0	10.969	0.000	2	0	1	1
PL.11239	PL.11238	A	4ACSR	14.32Y	119.3	0.00	6.68	7.72	4	109	18	99	0.00	0.0	10.982	0.013	0	0	0	41
PL.11237	PL.11239	A	4ACSR	14.32Y	119.3	0.01	6.68	7.72	4	109	18	99	0.01	0.0	11.035	0.053	0	0	0	41
041483	PL.11237	A	Consumer	14.32Y	119.3	0.00	6.68	0.00	0	0	0	100	0.00	0.0	11.035	0.000	0	0	1	1
041419	PL.11237	A	Consumer	14.32Y	119.3	0.00	6.68	0.00	0	0	0	100	0.00	0.0	11.035	0.000	0	0	1	1
041478	PL.11237	A	Consumer	14.32Y	119.3	0.00	6.68	0.62	0	9	1	99	0.00	0.0	11.035	0.000	9	1	1	1
PL.7339	PL.11237	A	4ACSR	14.32Y	119.3	0.01	6.69	5.95	3	84	14	99	0.00	0.0	11.079	0.044	0	0	0	35
PL.7332	PL.7339	A	4ACSR	14.32Y	119.3	0.01	6.70	3.58	2	51	8	99	0.00	0.0	11.159	0.080	0	0	0	13
PL.7333	PL.7332	A	4ACSR	14.32Y	119.3	0.00	6.70	2.96	2	42	7	99	0.00	0.0	11.185	0.027	0	0	0	11
041486	PL.7333	A	Consumer	14.32Y	119.3	0.00	6.70	1.09	0	15	3	98	0.00	0.0	11.185	0.000	15	3	1	1
041432	PL.7333	A	Consumer	14.32Y	119.3	0.00	6.70	0.48	0	7	1	99	0.00	0.0	11.185	0.000	7	1	1	1
041490	PL.7333	A	Consumer	14.32Y	119.3	0.00	6.70	0.00	0	0	0	100	0.00	0.0	11.185	0.000	0	0	0	0
041487	PL.7333	A	Consumer	14.32Y	119.3	0.00	6.70	0.00	0	0	0	100	0.00	0.0	11.185	0.000	0	0	0	0
PL.19304	PL.7333	A	4ACSR	14.32Y	119.3	0.00	6.70	1.39	1	20	3	99	0.00	0.0	11.255	0.070	0	0	0	9
PL.19305	PL.19304	A	4ACSR	14.32Y	119.3	0.00	6.70	1.35	1	19	3	99	0.00	0.0	11.278	0.023	0	0	0	8
041469	PL.19305	A	Consumer	14.32Y	119.3	0.00	6.70	0.07	0	1	0	100	0.00	0.0	11.278	0.000	1	0	1	1
041431	PL.19305	A	Consumer	14.32Y	119.3	0.00	6.70	0.36	0	5	1	98	0.00	0.0	11.278	0.000	5	1	1	1
041430	PL.19305	A	Consumer	14.32Y	119.3	0.00	6.70	0.07	0	1	0	100	0.00	0.0	11.278	0.000	1	0	1	1
0414109	PL.19305	A	Consumer	14.32Y	119.3	0.00	6.70	0.30	0	4	1	97	0.00	0.0	11.278	0.000	4	1	1	1
PL.7329	PL.19305	A	4ACSR	14.32Y	119.3	0.00	6.70	0.55	0	8	1	99	0.00	0.0	11.335	0.056	0	0	0	4
041458	PL.7329	A	Consumer	14.32Y	119.3	0.00	6.70	0.00	0	0	0	100	0.00	0.0	11.335	0.000	0	0	1	1
041498	PL.7329	A	Consumer	14.32Y	119.3	0.00	6.70	0.00	0	0	0	100	0.00	0.0	11.335	0.000	0	0	0	0
041461	PL.7329	A	Consumer	14.32Y	119.3	0.00	6.70	0.00	0	0	0	100	0.00	0.0	11.335	0.000	0	0	0	0
041489	PL.7329	A	Consumer	14.32Y	119.3	0.00	6.70	0.20	0	3	0	100	0.00	0.0	11.335	0.000	3	0	1	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
041444	PL.7329	A	Consumer	14.32Y	119.3	0.00	6.70	0.29	0	4	1	97	0.00	0.0	11.335	0.000	4	1	1	1
041494	PL.7329	A	Consumer	14.32Y	119.3	0.00	6.70	0.07	0	1	0	100	0.00	0.0	11.335	0.000	1	0	1	1
041436	PL.19304	A	Consumer	14.32Y	119.3	0.00	6.70	0.00	0	0	0	100	0.00	0.0	11.255	0.000	0	0	0	0
041435	PL.19304	A	Consumer	14.32Y	119.3	0.00	6.70	0.03	0	0	0	100	0.00	0.0	11.255	0.000	0	0	1	1
041499	PL.7332	A	Consumer	14.32Y	119.3	0.00	6.70	0.44	0	6	1	99	0.00	0.0	11.159	0.000	6	1	1	1
041423	PL.7332	A	Consumer	14.32Y	119.3	0.00	6.70	0.18	0	3	0	100	0.00	0.0	11.159	0.000	3	0	1	1
PL.11240	PL.7339	A	4ACSR	14.32Y	119.3	0.00	6.69	1.58	1	22	4	98	0.00	0.0	11.117	0.038	0	0	0	19
041477	PL.11240	A	Consumer	14.32Y	119.3	0.00	6.69	0.31	0	4	1	97	0.00	0.0	11.117	0.000	4	1	1	1
041429	PL.11240	A	Consumer	14.32Y	119.3	0.00	6.69	0.11	0	2	0	100	0.00	0.0	11.117	0.000	2	0	1	1
PL.11241	PL.11240	A	4ACSR	14.32Y	119.3	0.00	6.69	1.16	1	16	3	98	0.00	0.0	11.170	0.053	0	0	0	17
041456	PL.11241	A	Consumer	14.32Y	119.3	0.00	6.69	0.00	0	0	0	100	0.00	0.0	11.170	0.000	0	0	1	1
041452	PL.11241	A	Consumer	14.32Y	119.3	0.00	6.69	0.01	0	0	0	100	0.00	0.0	11.170	0.000	0	0	1	1
041468	PL.11241	A	Consumer	14.32Y	119.3	0.00	6.69	0.00	0	0	0	100	0.00	0.0	11.170	0.000	0	0	1	1
PL.7338	PL.11241	A	4ACSR	14.32Y	119.3	0.00	6.69	1.14	1	16	3	98	0.00	0.0	11.241	0.071	0	0	0	14
PL.11503	PL.7338	A	4ACSR	14.32Y	119.3	0.00	6.69	0.83	0	12	2	99	0.00	0.0	11.280	0.039	0	0	0	11
PL.11504	PL.11503	A	4ACSR	14.32Y	119.3	0.00	6.70	0.82	0	12	2	99	0.00	0.0	11.348	0.068	0	0	0	8
041480	PL.11504	A	Consumer	14.32Y	119.3	0.00	6.70	0.08	0	1	0	100	0.00	0.0	11.348	0.000	1	0	1	1
041493	PL.11504	A	Consumer	14.32Y	119.3	0.00	6.70	0.26	0	4	1	97	0.00	0.0	11.348	0.000	4	1	1	1
0414132	PL.11504	A	Consumer	14.32Y	119.3	0.00	6.70	0.00	0	0	0	100	0.00	0.0	11.348	0.000	0	0	0	0
PL.7337	PL.11504	A	4ACSR	14.32Y	119.3	0.00	6.70	0.48	0	7	1	99	0.00	0.0	11.400	0.053	0	0	0	6
0414120	PL.7337	A	Consumer	14.32Y	119.3	0.00	6.70	0.17	0	2	0	100	0.00	0.0	11.400	0.000	2	0	1	1
041476	PL.7337	A	Consumer	14.32Y	119.3	0.00	6.70	0.00	0	0	0	100	0.00	0.0	11.400	0.000	0	0	1	1
041445	PL.7337	A	Consumer	14.32Y	119.3	0.00	6.70	0.03	0	0	0	100	0.00	0.0	11.400	0.000	0	0	1	1
041443	PL.7337	A	Consumer	14.32Y	119.3	0.00	6.70	0.00	0	0	0	100	0.00	0.0	11.400	0.000	0	0	1	1
PL.7330	PL.7337	A	4ACSR	14.32Y	119.3	0.00	6.70	0.29	0	4	1	97	0.00	0.0	11.480	0.079	0	0	0	2
041467	PL.7330	A	Consumer	14.32Y	119.3	0.00	6.70	0.01	0	0	0	100	0.00	0.0	11.480	0.000	0	0	1	1
041459	PL.7330	A	Consumer	14.32Y	119.3	0.00	6.70	0.28	0	4	1	97	0.00	0.0	11.480	0.000	4	1	1	1
041442	PL.11503	A	Consumer	14.32Y	119.3	0.00	6.69	0.00	0	0	0	100	0.00	0.0	11.280	0.000	0	0	1	1
041463	PL.11503	A	Consumer	14.32Y	119.3	0.00	6.69	0.00	0	0	0	100	0.00	0.0	11.280	0.000	0	0	1	1
041441	PL.11503	A	Consumer	14.32Y	119.3	0.00	6.69	0.00	0	0	0	100	0.00	0.0	11.280	0.000	0	0	1	1
041451	PL.11503	A	Consumer	14.32Y	119.3	0.00	6.69	0.00	0	0	0	100	0.00	0.0	11.280	0.000	0	0	0	0
041482	PL.7338	A	Consumer	14.32Y	119.3	0.00	6.69	0.00	0	0	0	100	0.00	0.0	11.241	0.000	0	0	0	0
041466	PL.7338	A	Consumer	14.32Y	119.3	0.00	6.69	0.20	0	3	0	100	0.00	0.0	11.241	0.000	3	0	1	1
041488	PL.7338	A	Consumer	14.32Y	119.3	0.00	6.69	0.10	0	1	0	100	0.00	0.0	11.241	0.000	1	0	1	1
041440	PL.7338	A	Consumer	14.32Y	119.3	0.00	6.69	0.01	0	0	0	100	0.00	0.0	11.241	0.000	0	0	1	1
041422	PL.7339	A	Consumer	14.32Y	119.3	0.00	6.69	0.33	0	5	1	98	0.00	0.0	11.079	0.000	5	1	1	1
041421	PL.7339	A	Consumer	14.32Y	119.3	0.00	6.69	0.46	0	6	1	99	0.00	0.0	11.079	0.000	6	1	1	1
0414131	PL.7339	A	Consumer	14.32Y	119.3	0.00	6.69	0.00	0	0	0	100	0.00	0.0	11.079	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.7342	PL.11237	A	4ACSR	14.32Y	119.3	0.00	6.69	1.14	1	16	3	98	0.00	0.0	11.097	0.062	0	0	0	3
0414102	PL.7342	A	Consumer	14.32Y	119.3	0.00	6.69	0.00	0	0	0	100	0.00	0.0	11.097	0.000	0	0	0	0
PL.7343	PL.7342	A	4ACSR	14.32Y	119.3	0.00	6.69	1.14	1	16	3	98	0.00	0.0	11.183	0.086	0	0	0	3
041454	PL.7343	A	Consumer	14.32Y	119.3	0.00	6.69	0.00	0	0	0	100	0.00	0.0	11.183	0.000	0	0	1	1
041485	PL.7343	A	Consumer	14.32Y	119.3	0.00	6.69	0.08	0	1	0	100	0.00	0.0	11.183	0.000	1	0	1	1
041455	PL.7343	A	Consumer	14.32Y	119.3	0.00	6.69	1.06	0	15	2	99	0.00	0.0	11.183	0.000	15	2	1	1
041416	PL.7334	A	Consumer	14.32Y	119.3	0.00	6.66	0.04	0	1	0	100	0.00	0.0	10.914	0.000	1	0	1	1
041470	PL.11505	A	Consumer	14.32Y	119.3	0.00	6.66	0.47	0	7	1	99	0.00	0.0	10.880	0.000	7	1	1	1
041427	PL.11505	A	Consumer	14.32Y	119.3	0.00	6.66	0.20	0	3	0	100	0.00	0.0	10.880	0.000	3	0	1	1
PL.7335	PL.11235	A	4ACSR	14.32Y	119.4	0.00	6.64	1.17	1	16	3	98	0.00	0.0	10.846	0.054	0	0	0	4
PL.39211	PL.7335	A	4ACSR	14.32Y	119.4	0.00	6.64	0.24	0	3	1	95	0.00	0.0	10.878	0.032	0	0	0	3
PL.39212	PL.39211	A	4ACSR	14.32Y	119.4	0.00	6.64	0.15	0	2	0	100	0.00	0.0	10.945	0.067	0	0	0	2
041438	PL.39212	A	Consumer	14.32Y	119.4	0.00	6.64	0.12	0	2	0	100	0.00	0.0	10.945	0.000	2	0	1	1
041464	PL.39212	A	Consumer	14.32Y	119.4	0.00	6.64	0.03	0	0	0	100	0.00	0.0	10.945	0.000	0	0	1	1
0414130	PL.39211	A	Consumer	14.32Y	119.4	0.00	6.64	0.09	0	1	0	100	0.00	0.0	10.878	0.000	1	0	1	1
0414110	PL.7335	A	Consumer	14.32Y	119.4	0.00	6.64	0.93	0	13	2	99	0.00	0.0	10.846	0.000	13	2	1	1
041449	PL.19025	A	Consumer	14.33Y	119.4	0.00	6.59	1.13	0	16	3	98	0.00	0.0	10.582	0.000	16	3	1	1
041426	PL.20345	A	Consumer	14.33Y	119.4	0.00	6.59	0.03	0	0	0	100	0.00	0.0	10.547	0.000	0	0	1	1
041492	PL.20345	A	Consumer	14.33Y	119.4	0.00	6.59	0.75	0	11	2	98	0.00	0.0	10.547	0.000	11	2	1	1
PL.18123	PL.11498	A	4ACSR	14.33Y	119.4	0.00	6.58	6.43	3	91	15	99	0.00	0.0	10.512	0.005	0	0	0	20
C PD.1837	PL.18123	A	fuse6AMP	14.33Y	119.4	0.00	6.58	6.43	110	91	15	99	0.00	0.0	10.512	0.000	0	0	0	20 C
PL.18124	PD.1837	A	4ACSR	14.33Y	119.4	0.01	6.59	6.43	3	91	15	99	0.01	0.0	10.588	0.076	0	0	0	20
041434	PL.18124	A	Consumer	14.33Y	119.4	0.00	6.59	1.40	0	20	3	99	0.00	0.0	10.588	0.000	20	3	1	1
041433	PL.18124	A	Consumer	14.33Y	119.4	0.00	6.59	0.02	0	0	0	100	0.00	0.0	10.588	0.000	0	0	1	1
PL.7344	PL.18124	A	4ACSR	14.33Y	119.4	0.01	6.59	5.01	3	71	12	99	0.00	0.0	10.635	0.047	0	0	0	18
041474	PL.7344	A	Consumer	14.33Y	119.4	0.00	6.59	0.99	0	14	2	99	0.00	0.0	10.635	0.000	14	2	1	1
041457	PL.7344	A	Consumer	14.33Y	119.4	0.00	6.59	0.08	0	1	0	100	0.00	0.0	10.635	0.000	1	0	1	1
041460	PL.7344	A	Consumer	14.33Y	119.4	0.00	6.59	1.32	0	19	3	99	0.00	0.0	10.635	0.000	19	3	1	1
PL.7341	PL.7344	A	4ACSR	14.33Y	119.4	0.00	6.59	2.62	1	37	6	99	0.00	0.0	10.670	0.034	0	0	0	15
PL.11500	PL.7341	A	4ACSR	14.33Y	119.4	0.00	6.59	1.55	1	22	4	98	0.00	0.0	10.699	0.030	0	0	0	14
041447	PL.11500	A	Consumer	14.33Y	119.4	0.00	6.59	0.07	0	1	0	100	0.00	0.0	10.699	0.000	1	0	1	1
041446	PL.11500	A	Consumer	14.33Y	119.4	0.00	6.59	0.00	0	0	0	100	0.00	0.0	10.699	0.000	0	0	0	0
PL.7352	PL.11500	A	4ACSR	14.33Y	119.4	0.00	6.59	0.71	0	10	2	98	0.00	0.0	10.722	0.023	0	0	0	4
PL.7353	PL.7352	A	4ACSR	14.33Y	119.4	0.00	6.59	0.67	0	10	2	98	0.00	0.0	10.747	0.025	0	0	0	2
0414129	PL.7353	A	Consumer	14.33Y	119.4	0.00	6.59	0.00	0	0	0	100	0.00	0.0	10.747	0.000	0	0	0	0
0414106	PL.7353	A	Consumer	14.33Y	119.4	0.00	6.59	0.49	0	7	1	99	0.00	0.0	10.747	0.000	7	1	1	1
0414108	PL.7353	A	Consumer	14.33Y	119.4	0.00	6.59	0.18	0	3	0	100	0.00	0.0	10.747	0.000	3	0	1	1
041496	PL.7352	A	Consumer	14.33Y	119.4	0.00	6.59	0.00	0	0	0	100	0.00	0.0	10.722	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 041479, PL.11501, 041475, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.40979	PL.46005	A	1/0ACSR	14.31Y	119.3	0.06	6.72	20.54	6	292	33	99	0.24	0.0	11.223	0.335	0	0	0	97
		B		14.97Y	124.7	0.03	1.28	14.51	4	216	19	100					0	0	0	94
		C		14.82Y	123.5	0.04	2.48	14.35	4	212	18	100					0	0	0	62
PL.40982	PL.40979	A	1/0ACSR	14.31Y	119.3	0.01	6.73	20.54	6	292	33	99	0.04	0.0	11.280	0.057	0	0	0	97
		B		14.97Y	124.7	0.00	1.29	14.51	4	216	19	100					0	0	0	94
		C		14.82Y	123.5	0.01	2.49	14.07	4	208	17	100					0	0	0	61
PL.40986	PL.40982	A	2ACSR	14.31Y	119.3	0.00	6.73	0.17	0	2	0	100	0.00	0.0	11.286	0.006	0	0	0	1
PD.7314	PL.40986	A	fuse6AMP	14.31Y	119.3	0.00	6.73	0.17	3	2	0	100	0.00	0.0	11.286	0.000	0	0	0	1
PL.40987	PD.7314	A	2ACSR	14.31Y	119.3	0.00	6.73	0.17	0	2	0	100	0.00	0.0	11.322	0.036	0	0	0	1
469416	PL.40987	A	Consumer	14.31Y	119.3	0.00	6.73	0.17	0	2	0	100	0.00	0.0	11.322	0.000	2	0	1	1
469404	PL.40987	A	Consumer	14.31Y	119.3	0.00	6.73	0.00	0	0	0	100	0.00	0.0	11.322	0.000	0	0	0	0
PL.41179	PL.40982	A	1/0ACSR	14.31Y	119.2	0.02	6.76	20.37	6	290	33	99	0.09	0.0	11.412	0.132	0	0	0	96
		B		14.96Y	124.7	0.01	1.30	14.51	4	216	19	100					0	0	0	94
		C		14.82Y	123.5	0.01	2.50	14.07	4	208	17	100					0	0	0	61
PL.41182	PL.41179	A	1/0ACSR	14.30Y	119.2	0.03	6.79	20.37	6	290	33	99	0.14	0.0	11.605	0.192	0	0	0	96
		B		14.96Y	124.7	0.02	1.31	14.33	4	214	19	100					0	0	0	90
		C		14.82Y	123.5	0.02	2.52	14.07	4	208	17	100					0	0	0	61
PL.41454	PL.41182	A	2ACSR	14.30Y	119.2	0.00	6.79	17.14	7	242	40	99	0.00	0.0	11.611	0.006	0	0	0	86
		B		14.96Y	124.7	0.00	1.31	14.43	6	213	35	99					0	0	0	88
		C		14.82Y	123.5	0.00	2.52	5.87	2	86	14	99					0	0	0	29
PD.7444-A	PL.41454	A	Closed	14.30Y	119.2	0.00	6.79	17.14	0	242	40	99	0.00	0.0	11.611	0.000	0	0	0	86
		B		14.96Y	124.7	0.00	1.31	14.43	0	213	35	99					0	0	0	88
		C		14.82Y	123.5	0.00	2.52	5.87	0	86	14	99					0	0	0	29
PD.7444-B	PD.7444-A	A	Closed	14.30Y	119.2	0.00	6.79	17.14	0	242	40	99	0.00	0.0	11.611	0.000	0	0	0	86
		B		14.96Y	124.7	0.00	1.31	14.43	0	213	35	99					0	0	0	88
		C		14.82Y	123.5	0.00	2.52	5.87	0	86	14	99					0	0	0	29
PL.46099	PD.7444-B	A	2ACSR	14.30Y	119.2	0.01	6.80	17.14	7	242	40	99	0.02	0.0	11.641	0.030	0	0	0	86
		B		14.96Y	124.7	0.00	1.32	14.43	6	213	35	99					0	0	0	88
		C		14.82Y	123.5	0.00	2.53	5.87	2	86	14	99					0	0	0	29
PD.8719	PL.46099	A	25L	14.30Y	119.2	0.00	6.80	17.14	69	242	40	99	0.00	0.0	11.641	0.000	0	0	0	86
		B		14.96Y	124.7	0.00	1.32	14.43	58	213	35	99					0	0	0	88
		C		14.82Y	123.5	0.00	2.53	5.87	23	86	14	99					0	0	0	29
PL.46100	PD.8719	A	2ACSR	14.30Y	119.2	0.01	6.81	17.14	7	242	40	99	0.02	0.0	11.673	0.032	0	0	0	86
		B		14.96Y	124.7	0.00	1.32	14.43	6	213	35	99					0	0	0	88
		C		14.82Y	123.5	0.00	2.53	5.87	2	86	14	99					0	0	0	29
PL.41469	PL.46100	A	2ACSR	14.30Y	119.2	0.02	6.83	17.09	7	241	39	99	0.06	0.0	11.752	0.079	0	0	0	85
		B		14.96Y	124.7	0.01	1.33	14.43	6	213	35	99					0	0	0	88
		C		14.82Y	123.5	0.00	2.53	5.87	2	86	14	99					0	0	0	29
PL.28199	PL.41469	A	4ACSR	14.30Y	119.2	0.00	6.84	17.09	9	241	39	99	0.01	0.0	11.765	0.013	0	0	0	85
		B		14.96Y	124.7	0.00	1.34	14.14	7	209	34	99					0	0	0	87
		C		14.82Y	123.5	0.00	2.53	4.89	3	71	12	99					0	0	0	28
PL.28200	PL.28199	A	4ACSR	14.30Y	119.1	0.03	6.86	17.09	9	241	39	99	0.08	0.0	11.833	0.068	0	0	0	85
		B		14.96Y	124.6	0.02	1.35	14.14	7	209	34	99					0	0	0	87
		C		14.82Y	123.5	0.00	2.54	4.89	3	71	12	99					0	0	0	28
PL.21478	PL.28200	B	4ACSR	14.96Y	124.6	0.00	1.35	14.14	7	209	34	99	0.00	0.0	11.839	0.005	0	0	0	87
PL.46101	PL.21478	B	4ACSR	14.96Y	124.6	0.00	1.36	14.14	7	209	34	99	0.00	0.0	11.846	0.007	0	0	0	87
PD.8721-A	PL.46101	B	Closed	14.96Y	124.6	0.00	1.36	14.14	0	209	34	99	0.00	0.0	11.846	0.000	0	0	0	87
PD.8721-B	PD.8721-A	B	Closed	14.96Y	124.6	0.00	1.36	14.14	0	209	34	99	0.00	0.0	11.846	0.000	0	0	0	87
PL.46102	PD.8721-B	B	4ACSR	14.96Y	124.6	0.01	1.36	14.14	7	209	34	99	0.01	0.0	11.870	0.023	0	0	0	87
4684117	PL.46102	B	Consumer	14.96Y	124.6	0.00	1.36	0.55	0	8	1	99	0.00	0.0	11.870	0.000	8	1	1	1
PL.22615	PL.46102	B	4ACSR	14.96Y	124.6	0.01	1.37	13.60	7	201	33	99	0.02	0.0	11.905	0.035	0	0	0	86

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
4684165	PL.22615	B	Consumer	14.96Y	124.6	0.00	1.37	0.11	0	2	0	100	0.00	0.0	11.905	0.000	2	0	1	1
4684127	PL.22615	B	Consumer	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	11.905	0.000	0	0	0	0
468494	PL.22615	B	Consumer	14.96Y	124.6	0.00	1.37	0.19	0	3	0	100	0.00	0.0	11.905	0.000	3	0	1	1
468474	PL.22615	B	Consumer	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	11.905	0.000	0	0	0	0
PL.22618	PL.22615	B	4ACSR	14.95Y	124.6	0.02	1.39	13.30	7	196	32	99	0.02	0.0	11.963	0.058	0	0	0	84
PL.22651	PL.22618	B	4ACSR	14.95Y	124.6	0.03	1.42	12.98	7	192	31	99	0.04	0.0	12.064	0.101	0	0	0	82
PL.22781	PL.22651	B	4ACSR	14.95Y	124.6	0.01	1.43	12.94	7	191	31	99	0.02	0.0	12.103	0.038	0	0	0	80
PL.22782	PL.22781	B	4ACSR	14.95Y	124.6	0.01	1.44	12.89	7	190	31	99	0.01	0.0	12.122	0.020	0	0	0	76
PL.22649	PL.22782	B	4ACSR	14.95Y	124.6	0.00	1.44	0.12	0	2	0	100	0.00	0.0	12.151	0.029	0	0	0	2
PL.22650	PL.22649	B	4ACSR	14.95Y	124.6	0.00	1.44	0.01	0	0	0	100	0.00	0.0	12.200	0.049	0	0	0	1
4684101	PL.22650	B	Consumer	14.95Y	124.6	0.00	1.44	0.01	0	0	0	100	0.00	0.0	12.200	0.000	0	0	1	1
4684199	PL.22649	B	Consumer	14.95Y	124.6	0.00	1.44	0.11	0	2	0	100	0.00	0.0	12.151	0.000	2	0	1	1
PL.22621	PL.22782	B	4ACSR	14.95Y	124.5	0.02	1.45	12.56	6	185	30	99	0.02	0.0	12.180	0.058	0	0	0	70
468454	PL.22621	B	Consumer	14.95Y	124.5	0.00	1.45	0.62	0	9	2	98	0.00	0.0	12.180	0.000	9	2	1	1
468430	PL.22621	B	Consumer	14.95Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	12.180	0.000	0	0	0	0
468428	PL.22621	B	Consumer	14.95Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	12.180	0.000	0	0	1	1
PL.28660	PL.22621	B	4ACSR	14.95Y	124.5	0.00	1.45	0.03	0	0	0	100	0.00	0.0	12.258	0.078	0	0	0	3
468434	PL.28660	B	Consumer	14.95Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	12.258	0.000	0	0	1	1
468501	PL.28660	B	Consumer	14.95Y	124.5	0.00	1.45	0.01	0	0	0	100	0.00	0.0	12.258	0.000	0	0	1	1
468522	PL.28660	B	Consumer	14.95Y	124.5	0.00	1.45	0.01	0	0	0	100	0.00	0.0	12.258	0.000	0	0	1	1
PL.22623	PL.22621	B	4ACSR	14.95Y	124.5	0.01	1.46	11.91	6	176	29	99	0.01	0.0	12.208	0.028	0	0	0	65
PL.21493	PL.22623	B	4ACSR	14.94Y	124.5	0.01	1.47	11.05	6	163	27	99	0.01	0.0	12.244	0.037	0	0	0	52
468534	PL.21493	B	Consumer	14.94Y	124.5	0.00	1.47	0.28	0	4	1	97	0.00	0.0	12.244	0.000	4	1	1	1
PL.21494	PL.21493	B	4ACSR	14.94Y	124.5	0.02	1.48	10.78	6	159	26	99	0.02	0.0	12.319	0.074	0	0	0	51
PL.22622	PL.21494	B	4ACSR	14.94Y	124.5	0.00	1.49	3.25	2	48	8	99	0.00	0.0	12.351	0.032	0	0	0	17
468510	PL.22622	B	Consumer	14.94Y	124.5	0.00	1.49	0.17	0	3	0	100	0.00	0.0	12.351	0.000	3	0	1	1
468543	PL.22622	B	Consumer	14.94Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	12.351	0.000	0	0	1	1
468507	PL.22622	B	Consumer	14.94Y	124.5	0.00	1.49	0.40	0	6	1	99	0.00	0.0	12.351	0.000	6	1	1	1
468506	PL.22622	B	Consumer	14.94Y	124.5	0.00	1.49	0.24	0	3	1	95	0.00	0.0	12.351	0.000	3	1	1	1
PL.22624	PL.22622	B	4ACSR	14.94Y	124.5	0.00	1.49	2.44	1	36	6	99	0.00	0.0	12.421	0.071	0	0	0	13
PL.22784	PL.22624	B	4ACSR	14.94Y	124.5	0.00	1.49	0.83	0	12	2	99	0.00	0.0	12.452	0.030	0	0	0	3
PL.22785	PL.22784	B	4ACSR	14.94Y	124.5	0.00	1.49	0.58	0	9	1	99	0.00	0.0	12.501	0.049	0	0	0	2
468571	PL.22785	B	Consumer	14.94Y	124.5	0.00	1.49	0.39	0	6	1	99	0.00	0.0	12.501	0.000	6	1	1	1
PL.22653	PL.22785	B	4ACSR	14.94Y	124.5	0.00	1.49	0.20	0	3	0	100	0.00	0.0	12.517	0.016	0	0	0	1
468568	PL.22653	B	Consumer	14.94Y	124.5	0.00	1.49	0.20	0	3	0	100	0.00	0.0	12.517	0.000	3	0	1	1
468572	PL.22784	B	Consumer	14.94Y	124.5	0.00	1.49	0.25	0	4	1	97	0.00	0.0	12.452	0.000	4	1	1	1
PL.22625	PL.22624	B	4ACSR	14.94Y	124.5	0.00	1.49	1.08	1	16	3	98	0.00	0.0	12.443	0.022	0	0	0	7
468544	PL.22625	B	Consumer	14.94Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	12.443	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
468513	PL.22625	B	Consumer	14.94Y	124.5	0.00	1.49	0.01	0	0	0	100	0.00	0.0	12.443	0.000	0	0	1	1
468518	PL.22625	B	Consumer	14.94Y	124.5	0.00	1.49	0.24	0	3	1	95	0.00	0.0	12.443	0.000	3	1	1	1
468565	PL.22625	B	Consumer	14.94Y	124.5	0.00	1.49	0.81	0	12	2	99	0.00	0.0	12.443	0.000	12	2	1	1
PL.22626	PL.22625	B	4ACSR	14.94Y	124.5	0.00	1.49	0.03	0	0	0	100	0.00	0.0	12.518	0.075	0	0	0	3
468514	PL.22626	B	Consumer	14.94Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	12.518	0.000	0	0	1	1
468579	PL.22626	B	Consumer	14.94Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	12.518	0.000	0	0	1	1
468575	PL.22626	B	Consumer	14.94Y	124.5	0.00	1.49	0.03	0	0	0	100	0.00	0.0	12.518	0.000	0	0	1	1
468566	PL.22624	B	Consumer	14.94Y	124.5	0.00	1.49	0.51	0	8	1	99	0.00	0.0	12.421	0.000	8	1	1	1
468567	PL.22624	B	Consumer	14.94Y	124.5	0.00	1.49	0.01	0	0	0	100	0.00	0.0	12.421	0.000	0	0	1	1
468508	PL.22624	B	Consumer	14.94Y	124.5	0.00	1.49	0.00	0	0	0	100	0.00	0.0	12.421	0.000	0	0	1	1
468505	PL.21494	B	Consumer	14.94Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	12.319	0.000	0	0	1	1
PL.22783	PL.21494	B	4ACSR	14.94Y	124.5	0.01	1.50	7.53	4	111	18	99	0.01	0.0	12.401	0.083	0	0	0	33
468530	PL.22783	B	Consumer	14.94Y	124.5	0.00	1.50	0.01	0	0	0	100	0.00	0.0	12.401	0.000	0	0	1	1
468533	PL.22783	B	Consumer	14.94Y	124.5	0.00	1.50	0.48	0	7	1	99	0.00	0.0	12.401	0.000	7	1	1	1
PL.22637	PL.22783	B	4ACSR	14.94Y	124.5	0.01	1.50	7.03	4	104	17	99	0.01	0.0	12.445	0.044	0	0	0	31
PL.22638	PL.22637	B	4ACSR	14.94Y	124.5	0.01	1.52	7.03	4	104	17	99	0.01	0.0	12.516	0.070	0	0	0	29
468527	PL.22638	B	Consumer	14.94Y	124.5	0.00	1.52	0.28	0	4	1	97	0.00	0.0	12.516	0.000	4	1	1	1
468570	PL.22638	B	Consumer	14.94Y	124.5	0.00	1.52	0.02	0	0	0	100	0.00	0.0	12.516	0.000	0	0	1	1
PL.22639	PL.22638	B	4ACSR	14.94Y	124.5	0.00	1.52	6.73	3	99	16	99	0.00	0.0	12.549	0.034	0	0	0	27
PL.22786	PL.22639	B	4ACSR	14.94Y	124.5	0.00	1.52	6.06	3	89	15	99	0.00	0.0	12.573	0.024	0	0	0	25
PL.22787	PL.22786	B	4ACSR	14.94Y	124.5	0.00	1.53	5.48	3	81	13	99	0.00	0.0	12.591	0.018	0	0	0	23
4685083	PL.22787	B	Consumer	14.94Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	12.591	0.000	0	0	0	0
PL.21457	PL.22787	B	4ACSR	14.94Y	124.5	0.00	1.53	2.14	1	32	5	99	0.00	0.0	12.608	0.017	0	0	0	10
PD.1521	PL.21457	B	fuse6AMP	14.94Y	124.5	0.00	1.53	2.14	37	32	5	99	0.00	0.0	12.608	0.000	0	0	0	10
PL.21458	PD.1521	B	4ACSR	14.94Y	124.5	0.00	1.53	2.14	1	32	5	99	0.00	0.0	12.678	0.070	0	0	0	10
PL.22790	PL.21458	B	4ACSR	14.94Y	124.5	0.00	1.53	2.09	1	31	5	99	0.00	0.0	12.714	0.037	0	0	0	8
PL.22791	PL.22790	B	4ACSR	14.94Y	124.5	0.00	1.53	0.44	0	6	1	99	0.00	0.0	12.743	0.029	0	0	0	2
468556	PL.22791	B	Consumer	14.94Y	124.5	0.00	1.53	0.37	0	5	1	98	0.00	0.0	12.743	0.000	5	1	1	1
468542	PL.22791	B	Consumer	14.94Y	124.5	0.00	1.53	0.07	0	1	0	100	0.00	0.0	12.743	0.000	1	0	1	1
468569	PL.22790	B	Consumer	14.94Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	12.714	0.000	0	0	1	1
468545	PL.22790	B	Consumer	14.94Y	124.5	0.00	1.53	0.35	0	5	1	98	0.00	0.0	12.714	0.000	5	1	1	1
468547	PL.22790	B	Consumer	14.94Y	124.5	0.00	1.53	0.95	0	14	2	99	0.00	0.0	12.714	0.000	14	2	1	1
PL.28662	PL.22790	B	4ACSR	14.94Y	124.5	0.00	1.53	0.36	0	5	1	98	0.00	0.0	12.744	0.030	0	0	0	3
468515	PL.28662	B	Consumer	14.94Y	124.5	0.00	1.53	0.33	0	5	1	98	0.00	0.0	12.744	0.000	5	1	1	1
468516	PL.28662	B	Consumer	14.94Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	12.744	0.000	0	0	0	0
468504	PL.28662	B	Consumer	14.94Y	124.5	0.00	1.53	0.03	0	0	0	100	0.00	0.0	12.744	0.000	0	0	1	1
468519	PL.28662	B	Consumer	14.94Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	12.744	0.000	0	0	1	1
468520	PL.21458	B	Consumer	14.94Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	12.678	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF	kW Loss							% Loss
468581	PL.21458	B	Consumer	14.94Y	124.5	0.00	1.53	0.05	0	1	0	100	0.00	0.0	12.678	0.000	1	0	1	1
468517	PL.21458	B	Consumer	14.94Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	12.678	0.000	0	0	0	0
PL.28663	PL.22787	B	4ACSR	14.94Y	124.5	0.00	1.53	3.34	2	49	8	99	0.00	0.0	12.603	0.013	0	0	0	13
468529	PL.28663	B	Consumer	14.94Y	124.5	0.00	1.53	0.63	0	9	2	98	0.00	0.0	12.603	0.000	9	2	1	1
468539	PL.28663	B	Consumer	14.94Y	124.5	0.00	1.53	0.19	0	3	0	100	0.00	0.0	12.603	0.000	3	0	1	1
468526	PL.28663	B	Consumer	14.94Y	124.5	0.00	1.53	0.60	0	9	1	99	0.00	0.0	12.603	0.000	9	1	1	1
PL.32992	PL.28663	B	4ACSR	14.94Y	124.5	0.00	1.53	1.92	1	28	5	98	0.00	0.0	12.655	0.052	0	0	0	10
4685085	PL.32992	B	Consumer	14.94Y	124.5	0.00	1.53	0.40	0	6	1	99	0.00	0.0	12.655	0.000	6	1	1	1
PL.32993	PL.32992	B	4ACSR	14.94Y	124.5	0.00	1.53	1.52	1	22	4	98	0.00	0.0	12.686	0.031	0	0	0	9
PL.22789	PL.32993	B	4ACSR	14.94Y	124.5	0.00	1.53	0.38	0	6	1	99	0.00	0.0	12.713	0.027	0	0	0	3
468576	PL.22789	B	Consumer	14.94Y	124.5	0.00	1.53	0.21	0	3	0	100	0.00	0.0	12.713	0.000	3	0	1	1
468580	PL.22789	B	Consumer	14.94Y	124.5	0.00	1.53	0.15	0	2	0	100	0.00	0.0	12.713	0.000	2	0	1	1
PL.22654	PL.22789	B	4ACSR	14.94Y	124.5	0.00	1.53	0.02	0	0	0	100	0.00	0.0	12.736	0.023	0	0	0	1
468578	PL.22654	B	Consumer	14.94Y	124.5	0.00	1.53	0.02	0	0	0	100	0.00	0.0	12.736	0.000	0	0	1	1
468574	PL.22654	B	Consumer	14.94Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	12.736	0.000	0	0	0	0
PL.37969	PL.32993	B	2ACSR	14.94Y	124.5	0.00	1.53	1.14	0	17	3	98	0.00	0.0	12.715	0.029	0	0	0	6
PL.40436	PL.37969	B	2ACSR	14.94Y	124.5	0.00	1.53	1.14	0	17	3	98	0.00	0.0	12.755	0.040	0	0	0	6
4685092	PL.40436	B	Consumer	14.94Y	124.5	0.00	1.53	0.01	0	0	0	100	0.00	0.0	12.755	0.000	0	0	1	1
4685091	PL.40436	B	Consumer	14.94Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	12.755	0.000	0	0	1	1
PL.40437	PL.40436	B	2ACSR	14.94Y	124.5	0.00	1.53	1.14	0	17	3	98	0.00	0.0	12.790	0.035	0	0	0	4
PL.37983	PL.40437	B	2ACSR	14.94Y	124.5	0.00	1.53	0.79	0	12	2	99	0.00	0.0	12.810	0.021	0	0	0	3
PD.6288	PL.37983	B	fuse6AMP	14.94Y	124.5	0.00	1.53	0.79	13	12	2	99	0.00	0.0	12.810	0.000	0	0	0	3
PL.37984	PD.6288	B	2ACSR	14.94Y	124.5	0.00	1.53	0.79	0	12	2	99	0.00	0.0	12.820	0.009	0	0	0	3
PL.40634	PL.37984	B	2ACSR	14.94Y	124.5	0.00	1.53	0.79	0	12	2	99	0.00	0.0	12.926	0.106	0	0	0	3
4685093	PL.40634	B	Consumer	14.94Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	12.926	0.000	0	0	1	1
PL.40635	PL.40634	B	2ACSR	14.94Y	124.5	0.00	1.53	0.79	0	12	2	99	0.00	0.0	12.970	0.044	0	0	0	2
4685090	PL.40635	B	Consumer	14.94Y	124.5	0.00	1.53	0.39	0	6	1	99	0.00	0.0	12.970	0.000	6	1	1	1
4685089	PL.40635	B	Consumer	14.94Y	124.5	0.00	1.53	0.40	0	6	1	99	0.00	0.0	12.970	0.000	6	1	1	1
PL.37981	PL.40437	B	2ACSR	14.94Y	124.5	0.00	1.53	0.35	0	5	1	98	0.00	0.0	12.792	0.002	0	0	0	1
PD.6287	PL.37981	B	fuse6AMP	14.94Y	124.5	0.00	1.53	0.35	6	5	1	98	0.00	0.0	12.792	0.000	0	0	0	1
PL.45224	PD.6287	B	2ACSR	14.94Y	124.5	0.00	1.53	0.35	0	5	1	98	0.00	0.0	12.946	0.154	0	0	0	1
PL.45225	PL.45224	B	2ACSR	14.94Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	13.034	0.088	0	0	0	0
468582	PL.45224	B	Consumer	14.94Y	124.5	0.00	1.53	0.35	0	5	1	98	0.00	0.0	12.946	0.000	5	1	1	1
PL.22640	PL.22786	B	4ACSR	14.94Y	124.5	0.00	1.52	0.58	0	9	1	99	0.00	0.0	12.598	0.025	0	0	0	2
PL.22641	PL.22640	B	4ACSR	14.94Y	124.5	0.00	1.52	0.53	0	8	1	99	0.00	0.0	12.665	0.067	0	0	0	1
468503	PL.22641	B	Consumer	14.94Y	124.5	0.00	1.52	0.53	0	8	1	99	0.00	0.0	12.665	0.000	8	1	1	1
468537	PL.22640	B	Consumer	14.94Y	124.5	0.00	1.52	0.05	0	1	0	100	0.00	0.0	12.598	0.000	1	0	1	1
468531	PL.22639	B	Consumer	14.94Y	124.5	0.00	1.52	0.23	0	3	1	95	0.00	0.0	12.549	0.000	3	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
468532	PL.22639	B	Consumer	14.94Y	124.5	0.00	1.52	0.44	0	6	1	99	0.00	0.0	12.549	0.000	6	1	1	1
468524	PL.22637	B	Consumer	14.94Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	12.445	0.000	0	0	1	1
468525	PL.22637	B	Consumer	14.94Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	12.445	0.000	0	0	1	1
PL.28661	PL.22623	B	4ACSR	14.94Y	124.5	0.00	1.46	0.85	0	13	2	99	0.00	0.0	12.251	0.043	0	0	0	12
468509	PL.28661	B	Consumer	14.94Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	12.251	0.000	0	0	1	1
468555	PL.28661	B	Consumer	14.94Y	124.5	0.00	1.46	0.02	0	0	0	100	0.00	0.0	12.251	0.000	0	0	1	1
468553	PL.28661	B	Consumer	14.94Y	124.5	0.00	1.46	0.06	0	1	0	100	0.00	0.0	12.251	0.000	1	0	1	1
468502	PL.28661	B	Consumer	14.94Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	12.251	0.000	0	0	1	1
468559	PL.28661	B	Consumer	14.94Y	124.5	0.00	1.46	0.01	0	0	0	100	0.00	0.0	12.251	0.000	0	0	1	1
PL.22647	PL.28661	B	4ACSR	14.94Y	124.5	0.00	1.46	0.76	0	11	2	98	0.00	0.0	12.307	0.056	0	0	0	7
PL.22648	PL.22647	B	4ACSR	14.94Y	124.5	0.00	1.46	0.04	0	1	0	100	0.00	0.0	12.340	0.034	0	0	0	3
4685088	PL.22648	B	Consumer	14.94Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	12.340	0.000	0	0	1	1
468557	PL.22648	B	Consumer	14.94Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	12.340	0.000	0	0	0	0
4685084	PL.22648	B	Consumer	14.94Y	124.5	0.00	1.46	0.03	0	0	0	100	0.00	0.0	12.340	0.000	0	0	1	1
468560	PL.22648	B	Consumer	14.94Y	124.5	0.00	1.46	0.01	0	0	0	100	0.00	0.0	12.340	0.000	0	0	1	1
468563	PL.22647	B	Consumer	14.94Y	124.5	0.00	1.46	0.03	0	1	0	100	0.00	0.0	12.307	0.000	1	0	1	1
468561	PL.22647	B	Consumer	14.94Y	124.5	0.00	1.46	0.38	0	6	1	99	0.00	0.0	12.307	0.000	6	1	1	1
468562	PL.22647	B	Consumer	14.94Y	124.5	0.00	1.46	0.18	0	3	0	100	0.00	0.0	12.307	0.000	3	0	1	1
468558	PL.22647	B	Consumer	14.94Y	124.5	0.00	1.46	0.14	0	2	0	100	0.00	0.0	12.307	0.000	2	0	1	1
468523	PL.22623	B	Consumer	14.95Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	12.208	0.000	0	0	1	1
468426	PL.22782	B	Consumer	14.95Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	12.122	0.000	0	0	0	0
4684140	PL.22782	B	Consumer	14.95Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	12.122	0.000	0	0	1	1
468429	PL.22782	B	Consumer	14.95Y	124.6	0.00	1.44	0.12	0	2	0	100	0.00	0.0	12.122	0.000	2	0	1	1
4684123	PL.22782	B	Consumer	14.95Y	124.6	0.00	1.44	0.09	0	1	0	100	0.00	0.0	12.122	0.000	1	0	1	1
468427	PL.22782	B	Consumer	14.95Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	12.122	0.000	0	0	1	1
PL.28659	PL.22781	B	4ACSR	14.95Y	124.6	0.00	1.43	0.05	0	1	0	100	0.00	0.0	12.168	0.065	0	0	0	4
468447	PL.28659	B	Consumer	14.95Y	124.6	0.00	1.43	0.02	0	0	0	100	0.00	0.0	12.168	0.000	0	0	1	1
468446	PL.28659	B	Consumer	14.95Y	124.6	0.00	1.43	0.03	0	0	0	100	0.00	0.0	12.168	0.000	0	0	1	1
468480	PL.28659	B	Consumer	14.95Y	124.6	0.00	1.43	0.01	0	0	0	100	0.00	0.0	12.168	0.000	0	0	1	1
4684172	PL.28659	B	Consumer	14.95Y	124.6	0.00	1.43	0.00	0	0	0	100	0.00	0.0	12.168	0.000	0	0	1	1
4684173	PL.22651	B	Consumer	14.95Y	124.6	0.00	1.42	0.04	0	1	0	100	0.00	0.0	12.064	0.000	1	0	1	1
4684131	PL.22651	B	Consumer	14.95Y	124.6	0.00	1.42	0.01	0	0	0	100	0.00	0.0	12.064	0.000	0	0	1	1
468470	PL.22618	B	Consumer	14.95Y	124.6	0.00	1.39	0.00	0	0	0	100	0.00	0.0	11.963	0.000	0	0	0	0
468483	PL.22618	B	Consumer	14.95Y	124.6	0.00	1.39	0.03	0	0	0	100	0.00	0.0	11.963	0.000	0	0	1	1
468403	PL.22618	B	Consumer	14.95Y	124.6	0.00	1.39	0.29	0	4	1	97	0.00	0.0	11.963	0.000	4	1	1	1
PL.21463	PL.28200	C	4ACSR	14.82Y	123.5	0.00	2.54	4.89	3	71	12	99	0.00	0.0	11.843	0.010	0	0	0	28
PD.8720-A	PL.21463	C	Closed	14.82Y	123.5	0.00	2.54	4.89	0	71	12	99	0.00	0.0	11.843	0.000	0	0	0	28
PD.8720-B	PD.8720-A	C	Closed	14.82Y	123.5	0.00	2.54	4.89	0	71	12	99	0.00	0.0	11.843	0.000	0	0	0	28

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.21464	PD.8720-B	C	4ACSR	14.82Y	123.5	0.00	2.54	4.89	3	71	12	99	0.00	0.0	11.873	0.030	0	0	0	28
PL.21276	PL.21464	C	4ACSR	14.81Y	123.5	0.01	2.55	4.36	2	64	10	99	0.00	0.0	11.931	0.058	0	0	0	25
468482	PL.21276	C	Consumer	14.81Y	123.5	0.00	2.55	0.22	0	3	1	95	0.00	0.0	11.931	0.000	3	1	1	1
PL.22642	PL.21276	C	4ACSR	14.81Y	123.5	0.00	2.55	1.18	1	17	3	98	0.00	0.0	11.959	0.027	0	0	0	10
PL.22643	PL.22642	C	4ACSR	14.81Y	123.5	0.00	2.55	1.18	1	17	3	98	0.00	0.0	11.995	0.037	0	0	0	9
PL.22614	PL.22643	C	4ACSR	14.81Y	123.5	0.00	2.55	1.16	1	17	3	98	0.00	0.0	12.034	0.038	0	0	0	7
4684109	PL.22614	C	Consumer	14.81Y	123.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	12.034	0.000	0	0	1	1
PL.22610	PL.22614	C	4ACSR	14.81Y	123.5	0.00	2.55	1.16	1	17	3	98	0.00	0.0	12.081	0.047	0	0	0	6
4684106	PL.22610	C	Consumer	14.81Y	123.5	0.00	2.55	0.69	0	10	2	98	0.00	0.0	12.081	0.000	10	2	1	1
4684120	PL.22610	C	Consumer	14.81Y	123.5	0.00	2.55	0.32	0	5	1	98	0.00	0.0	12.081	0.000	5	1	1	1
4684114	PL.22610	C	Consumer	14.81Y	123.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	12.081	0.000	0	0	1	1
4684141	PL.22610	C	Consumer	14.81Y	123.5	0.00	2.55	0.02	0	0	0	100	0.00	0.0	12.081	0.000	0	0	1	1
4684115	PL.22610	C	Consumer	14.81Y	123.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	12.081	0.000	0	0	1	1
4684121	PL.22610	C	Consumer	14.81Y	123.5	0.00	2.55	0.13	0	2	0	100	0.00	0.0	12.081	0.000	2	0	1	1
468440	PL.22643	C	Consumer	14.81Y	123.5	0.00	2.55	0.01	0	0	0	100	0.00	0.0	11.995	0.000	0	0	1	1
4684130	PL.22643	C	Consumer	14.81Y	123.5	0.00	2.55	0.01	0	0	0	100	0.00	0.0	11.995	0.000	0	0	1	1
4684170	PL.22642	C	Consumer	14.81Y	123.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	11.959	0.000	0	0	1	1
PL.21277	PL.21276	C	4ACSR	14.81Y	123.5	0.00	2.55	2.96	2	43	7	99	0.00	0.0	11.970	0.039	0	0	0	14
PL.21278	PL.21277	C	4ACSR	14.81Y	123.4	0.00	2.55	2.95	2	43	7	99	0.00	0.0	12.040	0.070	0	0	0	13
4684196	PL.21278	C	Consumer	14.81Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	12.040	0.000	0	0	0	0
4684164	PL.21278	C	Consumer	14.81Y	123.4	0.00	2.55	0.56	0	8	1	99	0.00	0.0	12.040	0.000	8	1	1	1
4684160	PL.21278	C	Consumer	14.81Y	123.4	0.00	2.55	0.12	0	2	0	100	0.00	0.0	12.040	0.000	2	0	1	1
4684215	PL.21278	C	Consumer	14.81Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	12.040	0.000	0	0	0	0
PL.21279	PL.21278	C	4ACSR	14.81Y	123.4	0.00	2.56	2.28	1	33	5	99	0.00	0.0	12.090	0.050	0	0	0	11
PL.21280	PL.21279	C	4ACSR	14.81Y	123.4	0.00	2.56	2.23	1	33	5	99	0.00	0.0	12.168	0.078	0	0	0	10
4684151	PL.21280	C	Consumer	14.81Y	123.4	0.00	2.56	0.24	0	4	1	97	0.00	0.0	12.168	0.000	4	1	1	1
4684155	PL.21280	C	Consumer	14.81Y	123.4	0.00	2.56	0.05	0	1	0	100	0.00	0.0	12.168	0.000	1	0	1	1
PL.21281	PL.21280	C	4ACSR	14.81Y	123.4	0.00	2.56	1.94	1	28	5	98	0.00	0.0	12.191	0.022	0	0	0	8
PL.21282	PL.21281	C	4ACSR	14.81Y	123.4	0.00	2.56	1.81	1	26	4	99	0.00	0.0	12.230	0.039	0	0	0	6
4685087	PL.21282	C	Consumer	14.81Y	123.4	0.00	2.56	0.55	0	8	1	99	0.00	0.0	12.230	0.000	8	1	1	1
468548	PL.21282	C	Consumer	14.81Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	12.230	0.000	0	0	1	1
468551	PL.21282	C	Consumer	14.81Y	123.4	0.00	2.56	0.47	0	7	1	99	0.00	0.0	12.230	0.000	7	1	1	1
PL.22652	PL.21282	C	4ACSR	14.81Y	123.4	0.00	2.56	0.79	0	12	2	99	0.00	0.0	12.260	0.030	0	0	0	3
468538	PL.22652	C	Consumer	14.81Y	123.4	0.00	2.56	0.02	0	0	0	100	0.00	0.0	12.260	0.000	0	0	1	1
468546	PL.22652	C	Consumer	14.81Y	123.4	0.00	2.56	0.68	0	10	2	98	0.00	0.0	12.260	0.000	10	2	1	1
468528	PL.22652	C	Consumer	14.81Y	123.4	0.00	2.56	0.09	0	1	0	100	0.00	0.0	12.260	0.000	1	0	1	1
468564	PL.21281	C	Consumer	14.81Y	123.4	0.00	2.56	0.06	0	1	0	100	0.00	0.0	12.191	0.000	1	0	1	1
468541	PL.21281	C	Consumer	14.81Y	123.4	0.00	2.56	0.07	0	1	0	100	0.00	0.0	12.191	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.34965	PL.21279	C	2ACSR	14.81Y	123.4	0.00	2.56	0.05	0	1	0	100	0.00	0.0	12.128	0.038	0	0	0	1
4684211	PL.34965	C	Consumer	14.81Y	123.4	0.00	2.56	0.05	0	1	0	100	0.00	0.0	12.128	0.000	1	0	1	1
4684156	PL.21277	C	Consumer	14.81Y	123.5	0.00	2.55	0.01	0	0	0	100	0.00	0.0	11.970	0.000	0	0	1	1
4684166	PL.21464	C	Consumer	14.82Y	123.5	0.00	2.54	0.34	0	5	1	98	0.00	0.0	11.873	0.000	5	1	1	1
468471	PL.21464	C	Consumer	14.82Y	123.5	0.00	2.54	0.03	0	0	0	100	0.00	0.0	11.873	0.000	0	0	1	1
468457	PL.21464	C	Consumer	14.82Y	123.5	0.00	2.54	0.16	0	2	0	100	0.00	0.0	11.873	0.000	2	0	1	1
PL.21602	PL.28200	A	4ACSR	14.30Y	119.1	0.00	6.86	17.09	9	241	39	99	0.00	0.0	11.839	0.006	0	0	0	85
PL.46103	PL.21602	A	4ACSR	14.30Y	119.1	0.01	6.87	17.09	9	241	39	99	0.01	0.0	11.855	0.016	0	0	0	85
PD.8722-A	PL.46103	A	Closed	14.30Y	119.1	0.00	6.87	17.09	0	241	39	99	0.00	0.0	11.855	0.000	0	0	0	85
PD.8722-B	PD.8722-A	A	Closed	14.30Y	119.1	0.00	6.87	17.09	0	241	39	99	0.00	0.0	11.855	0.000	0	0	0	85
PL.46104	PD.8722-B	A	4ACSR	14.29Y	119.1	0.02	6.89	17.09	9	241	39	99	0.03	0.0	11.900	0.045	0	0	0	85
PL.28597	PL.46104	A	4ACSR	14.29Y	119.1	0.01	6.89	17.09	9	241	39	99	0.01	0.0	11.921	0.020	0	0	0	85
PL.21283	PL.28597	A	4ACSR	14.29Y	119.1	0.00	6.90	17.09	9	241	39	99	0.01	0.0	11.934	0.013	0	0	0	85
4684175	PL.21283	A	Consumer	14.29Y	119.1	0.00	6.90	0.00	0	0	0	100	0.00	0.0	11.934	0.000	0	0	1	1
PL.21284	PL.21283	A	4ACSR	14.29Y	119.1	0.03	6.93	16.70	9	235	38	99	0.06	0.0	12.028	0.094	0	0	0	77
PL.22630	PL.21284	A	4ACSR	14.29Y	119.1	0.00	6.94	1.19	1	17	3	98	0.00	0.0	12.111	0.083	0	0	0	5
468490	PL.22630	A	Consumer	14.29Y	119.1	0.00	6.94	0.01	0	0	0	100	0.00	0.0	12.111	0.000	0	0	1	1
4684145	PL.22630	A	Consumer	14.29Y	119.1	0.00	6.94	0.43	0	6	1	99	0.00	0.0	12.111	0.000	6	1	1	1
468478	PL.22630	A	Consumer	14.29Y	119.1	0.00	6.94	0.66	0	9	2	98	0.00	0.0	12.111	0.000	9	2	1	1
PL.22631	PL.22630	A	4ACSR	14.29Y	119.1	0.00	6.94	0.09	0	1	0	100	0.00	0.0	12.129	0.018	0	0	0	2
468477	PL.22631	A	Consumer	14.29Y	119.1	0.00	6.94	0.04	0	1	0	100	0.00	0.0	12.129	0.000	1	0	1	1
468479	PL.22631	A	Consumer	14.29Y	119.1	0.00	6.94	0.05	0	1	0	100	0.00	0.0	12.129	0.000	1	0	1	1
PL.21291	PL.21284	A	4ACSR	14.29Y	119.1	0.01	6.95	14.57	8	205	34	99	0.02	0.0	12.071	0.043	0	0	0	70
PL.22635	PL.21291	A	4ACSR	14.29Y	119.1	0.00	6.95	0.32	0	4	1	97	0.00	0.0	12.102	0.030	0	0	0	4
4684147	PL.22635	A	Consumer	14.29Y	119.1	0.00	6.95	0.16	0	2	0	100	0.00	0.0	12.102	0.000	2	0	1	1
468488	PL.22635	A	Consumer	14.29Y	119.1	0.00	6.95	0.02	0	0	0	100	0.00	0.0	12.102	0.000	0	0	1	1
PL.22636	PL.22635	A	4ACSR	14.29Y	119.1	0.00	6.95	0.13	0	2	0	100	0.00	0.0	12.143	0.041	0	0	0	2
4684104	PL.22636	A	Consumer	14.29Y	119.1	0.00	6.95	0.13	0	2	0	100	0.00	0.0	12.143	0.000	2	0	1	1
4684102	PL.22636	A	Consumer	14.29Y	119.1	0.00	6.95	0.00	0	0	0	100	0.00	0.0	12.143	0.000	0	0	1	1
468486	PL.21291	A	Consumer	14.29Y	119.1	0.00	6.95	0.13	0	2	0	100	0.00	0.0	12.071	0.000	2	0	1	1
PL.21292	PL.21291	A	4ACSR	14.29Y	119.0	0.01	6.95	14.12	7	199	33	99	0.01	0.0	12.092	0.021	0	0	0	65
PL.22634	PL.21292	A	4ACSR	14.28Y	119.0	0.02	6.97	11.35	6	160	26	99	0.02	0.0	12.166	0.074	0	0	0	62
PL.21293	PL.22634	A	4ACSR	14.28Y	119.0	0.01	6.98	10.48	5	148	24	99	0.01	0.0	12.220	0.054	0	0	0	57
468444	PL.21293	A	Consumer	14.28Y	119.0	0.00	6.98	0.00	0	0	0	100	0.00	0.0	12.220	0.000	0	0	1	1
4684137	PL.21293	A	Consumer	14.28Y	119.0	0.00	6.98	0.36	0	5	1	98	0.00	0.0	12.220	0.000	5	1	1	1
468499	PL.21293	A	Consumer	14.28Y	119.0	0.00	6.98	0.57	0	8	1	99	0.00	0.0	12.220	0.000	8	1	1	1
468448	PL.21293	A	Consumer	14.28Y	119.0	0.00	6.98	0.05	0	1	0	100	0.00	0.0	12.220	0.000	1	0	1	1
4684171	PL.21293	A	Consumer	14.28Y	119.0	0.00	6.98	0.03	0	0	0	100	0.00	0.0	12.220	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.22736	PL.21293	A	4ACSR	14.28Y	119.0	0.00	6.99	5.12	3	72	12	99	0.00	0.0	12.255	0.035	0	0	0	28
PL.22737	PL.22736	A	4ACSR	14.28Y	119.0	0.00	6.99	5.05	3	71	12	99	0.00	0.0	12.285	0.030	0	0	0	27
PL.21526	PL.22737	A	4ACSR	14.28Y	119.0	0.00	6.99	5.05	3	71	12	99	0.00	0.0	12.312	0.027	0	0	0	27
4684136	PL.21526	A	Consumer	14.28Y	119.0	0.00	6.99	0.38	0	5	1	98	0.00	0.0	12.312	0.000	5	1	1	1
4684113	PL.21526	A	Consumer	14.28Y	119.0	0.00	6.99	0.13	0	2	0	100	0.00	0.0	12.312	0.000	2	0	1	1
468458	PL.21526	A	Consumer	14.28Y	119.0	0.00	6.99	0.42	0	6	1	99	0.00	0.0	12.312	0.000	6	1	1	1
PL.22661	PL.21526	A	4ACSR	14.28Y	119.0	0.00	7.00	4.12	2	58	9	99	0.00	0.0	12.345	0.033	0	0	0	24
468459	PL.22661	A	Consumer	14.28Y	119.0	0.00	7.00	0.22	0	3	1	95	0.00	0.0	12.345	0.000	3	1	1	1
4684202	PL.22661	A	Consumer	14.28Y	119.0	0.00	7.00	0.04	0	1	0	100	0.00	0.0	12.345	0.000	1	0	1	1
4684148	PL.22661	A	Consumer	14.28Y	119.0	0.00	7.00	0.00	0	0	0	100	0.00	0.0	12.345	0.000	0	0	1	1
4684135	PL.22661	A	Consumer	14.28Y	119.0	0.00	7.00	0.00	0	0	0	100	0.00	0.0	12.345	0.000	0	0	0	0
PL.22660	PL.22661	A	4ACSR	14.28Y	119.0	0.00	7.00	3.85	2	54	9	99	0.00	0.0	12.366	0.021	0	0	0	21
PL.22662	PL.22660	A	4ACSR	14.28Y	119.0	0.00	7.00	3.66	2	52	8	99	0.00	0.0	12.400	0.034	0	0	0	19
PL.22044	PL.22662	A	4ACSR	14.28Y	119.0	0.00	7.00	3.25	2	46	7	99	0.00	0.0	12.404	0.004	0	0	0	17
PD.1523	PL.22044	A	fuse6AMP	14.28Y	119.0	0.00	7.00	3.25	56	46	7	99	0.00	0.0	12.404	0.000	0	0	0	17
PL.22045	PD.1523	A	4ACSR	14.28Y	119.0	0.00	7.00	3.25	2	46	7	99	0.00	0.0	12.421	0.017	0	0	0	17
PL.22726	PL.22045	A	4ACSR	14.28Y	119.0	0.00	7.00	0.90	0	13	2	99	0.00	0.0	12.430	0.009	0	0	0	6
4684192	PL.22726	A	Consumer	14.28Y	119.0	0.00	7.00	0.05	0	1	0	100	0.00	0.0	12.430	0.000	1	0	1	1
PL.22776	PL.22726	A	4ACSR	14.28Y	119.0	0.00	7.00	0.85	0	12	2	99	0.00	0.0	12.468	0.037	0	0	0	5
4684194	PL.22776	A	Consumer	14.28Y	119.0	0.00	7.00	0.28	0	4	1	97	0.00	0.0	12.468	0.000	4	1	1	1
4684187	PL.22776	A	Consumer	14.28Y	119.0	0.00	7.00	0.51	0	7	1	99	0.00	0.0	12.468	0.000	7	1	1	1
4684188	PL.22776	A	Consumer	14.28Y	119.0	0.00	7.00	0.02	0	0	0	100	0.00	0.0	12.468	0.000	0	0	1	1
PL.22644	PL.22776	A	4ACSR	14.28Y	119.0	0.00	7.00	0.04	0	1	0	100	0.00	0.0	12.507	0.040	0	0	0	2
4684193	PL.22644	A	Consumer	14.28Y	119.0	0.00	7.00	0.04	0	1	0	100	0.00	0.0	12.507	0.000	1	0	1	1
4684204	PL.22644	A	Consumer	14.28Y	119.0	0.00	7.00	0.00	0	0	0	100	0.00	0.0	12.507	0.000	0	0	1	1
PL.22723	PL.22045	A	4ACSR	14.28Y	119.0	0.00	7.00	2.35	1	33	5	99	0.00	0.0	12.451	0.030	0	0	0	11
PL.22777	PL.22723	A	4ACSR	14.28Y	119.0	0.00	7.00	1.15	1	16	3	98	0.00	0.0	12.486	0.035	0	0	0	4
PL.39424	PL.22777	A	4ACSR	14.28Y	119.0	0.00	7.00	1.15	1	16	3	98	0.00	0.0	12.487	0.001	0	0	0	4
4684210	PL.39424	A	Consumer	14.28Y	119.0	0.00	7.00	0.81	0	11	2	98	0.00	0.0	12.487	0.000	11	2	1	1
PL.39425	PL.39424	A	4ACSR	14.28Y	119.0	0.00	7.01	0.34	0	5	1	98	0.00	0.0	12.521	0.035	0	0	0	3
PL.39423	PL.39425	A	4ACSR	14.28Y	119.0	0.00	7.01	0.28	0	4	1	97	0.00	0.0	12.549	0.028	0	0	0	1
4684191	PL.39423	A	Consumer	14.28Y	119.0	0.00	7.01	0.28	0	4	1	97	0.00	0.0	12.549	0.000	4	1	1	1
4684190	PL.39425	A	Consumer	14.28Y	119.0	0.00	7.01	0.02	0	0	0	100	0.00	0.0	12.521	0.000	0	0	1	1
4684183	PL.39425	A	Consumer	14.28Y	119.0	0.00	7.01	0.04	0	1	0	100	0.00	0.0	12.521	0.000	1	0	1	1
PL.22724	PL.22723	A	4ACSR	14.28Y	119.0	0.00	7.01	1.20	1	17	3	98	0.00	0.0	12.491	0.040	0	0	0	5
PL.22725	PL.22724	A	4ACSR	14.28Y	119.0	0.00	7.01	0.98	1	14	2	99	0.00	0.0	12.504	0.014	0	0	0	2
PL.21455	PL.22725	A	4ACSR	14.28Y	119.0	0.00	7.01	0.98	1	14	2	99	0.00	0.0	12.527	0.023	0	0	0	2
PD.1524	PL.21455	A	fuse6AMP	14.28Y	119.0	0.00	7.01	0.98	17	14	2	99	0.00	0.0	12.527	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR			Cons On	Cons Thru		
PL.21456	PD.1524	A	4ACSR	14.28Y	119.0	0.00	7.01	0.98	1	14	2	99	0.00	0.0	12.552	0.025	0	0	0	2		
PL.23188	PL.21456	A	4ACSR	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	12.586	0.034	0	0	0	0		
PL.36484	PL.23188	A	2ACSR	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	12.630	0.044	0	0	0	0		
PL.36672	PL.36484	A	2ACSR	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	12.826	0.196	0	0	0	0		
PL.44308	PL.36672	A	2ACSR	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	12.883	0.057	0	0	0	0		
4675002	PL.44308	A	Consumer	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	12.883	0.000	0	0	0	0		
4675003	PL.44308	A	Consumer	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	12.883	0.000	0	0	0	0		
PL.45888	PL.44308	A	2ACSR	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	12.931	0.048	0	0	0	0		
PL.45889	PL.45888	A	2ACSR	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	13.000	0.069	0	0	0	0		
4675001	PL.36672	A	Consumer	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	12.826	0.000	0	0	0	0		
PL.36483	PL.36484	A	2ACSR	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	12.818	0.187	0	0	0	0		
PL.22779	PL.21456	A	4ACSR	14.28Y	119.0	0.00	7.01	0.98	1	14	2	99	0.00	0.0	12.661	0.109	0	0	0	2		
PL.28666	PL.22779	A	4ACSR	14.28Y	119.0	0.00	7.01	0.96	0	14	2	99	0.00	0.0	12.712	0.051	0	0	0	1		
4684209	PL.28666	A	Consumer	14.28Y	119.0	0.00	7.01	0.96	0	14	2	99	0.00	0.0	12.712	0.000	14	2	1	1		
PL.22780	PL.22779	A	4ACSR	14.28Y	119.0	0.00	7.01	0.02	0	0	0	100	0.00	0.0	12.743	0.082	0	0	0	1		
4684207	PL.22780	A	Consumer	14.28Y	119.0	0.00	7.01	0.02	0	0	0	100	0.00	0.0	12.743	0.000	0	0	1	1		
PL.23189	PL.21456	A	4ACSR	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	12.567	0.015	0	0	0	0		
468552	PL.22724	A	Consumer	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	12.491	0.000	0	0	1	1		
4684182	PL.22724	A	Consumer	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	12.491	0.000	0	0	0	0		
4684184	PL.22724	A	Consumer	14.28Y	119.0	0.00	7.01	0.18	0	3	0	100	0.00	0.0	12.491	0.000	3	0	1	1		
PL.28664	PL.22724	A	4ACSR	14.28Y	119.0	0.00	7.01	0.03	0	0	0	100	0.00	0.0	12.519	0.028	0	0	0	1		
468554	PL.28664	A	Consumer	14.28Y	119.0	0.00	7.01	0.03	0	0	0	100	0.00	0.0	12.519	0.000	0	0	1	1		
468577	PL.28664	A	Consumer	14.28Y	119.0	0.00	7.01	0.00	0	0	0	100	0.00	0.0	12.519	0.000	0	0	0	0		
4684201	PL.22723	A	Consumer	14.28Y	119.0	0.00	7.00	0.00	0	0	0	100	0.00	0.0	12.451	0.000	0	0	1	1		
4684200	PL.22723	A	Consumer	14.28Y	119.0	0.00	7.00	0.00	0	0	0	100	0.00	0.0	12.451	0.000	0	0	0	0		
4684181	PL.22723	A	Consumer	14.28Y	119.0	0.00	7.00	0.01	0	0	0	100	0.00	0.0	12.451	0.000	0	0	1	1		
4684203	PL.22662	A	Consumer	14.28Y	119.0	0.00	7.00	0.01	0	0	0	100	0.00	0.0	12.400	0.000	0	0	1	1		
4684180	PL.22662	A	Consumer	14.28Y	119.0	0.00	7.00	0.39	0	6	1	99	0.00	0.0	12.400	0.000	6	1	1	1		
4684150	PL.22660	A	Consumer	14.28Y	119.0	0.00	7.00	0.00	0	0	0	100	0.00	0.0	12.366	0.000	0	0	0	0		
4684162	PL.22660	A	Consumer	14.28Y	119.0	0.00	7.00	0.09	0	1	0	100	0.00	0.0	12.366	0.000	1	0	1	1		
4684143	PL.22660	A	Consumer	14.28Y	119.0	0.00	7.00	0.11	0	1	0	100	0.00	0.0	12.366	0.000	1	0	1	1		
4684144	PL.22736	A	Consumer	14.28Y	119.0	0.00	6.99	0.07	0	1	0	100	0.00	0.0	12.255	0.000	1	0	1	1		
PL.23627	PL.21293	A	4ACSR	14.28Y	119.0	0.00	6.98	0.43	0	6	1	99	0.00	0.0	12.300	0.080	0	0	0	3		
4684122	PL.23627	A	Consumer	14.28Y	119.0	0.00	6.98	0.00	0	0	0	100	0.00	0.0	12.300	0.000	0	0	1	1		
468492	PL.23627	A	Consumer	14.28Y	119.0	0.00	6.98	0.37	0	5	1	98	0.00	0.0	12.300	0.000	5	1	1	1		
4684128	PL.23627	A	Consumer	14.28Y	119.0	0.00	6.98	0.00	0	0	0	100	0.00	0.0	12.300	0.000	0	0	0	0		
4684154	PL.23627	A	Consumer	14.28Y	119.0	0.00	6.98	0.06	0	1	0	100	0.00	0.0	12.300	0.000	1	0	1	1		
PL.22632	PL.21293	A	4ACSR	14.28Y	119.0	0.00	6.99	3.91	2	55	9	99	0.00	0.0	12.256	0.036	0	0	0	21		

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts					Thru KW	% PF	kW Loss	% Loss	mi From Src	-----Element-----		Cons On	Cons Thru
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	mi Length (mi)						KW	KVAR		
468460	PL.22632	A	Consumer	14.28Y	119.0	0.00	6.99	0.97	0	14	2	99	0.00	0.0	12.256	0.000	14	2	1	1
PL.22633	PL.22632	A	4ACSR	14.28Y	119.0	0.00	6.99	2.94	2	41	7	99	0.00	0.0	12.298	0.042	0	0	0	20
PL.22658	PL.22633	A	4ACSR	14.28Y	119.0	0.00	6.99	1.86	1	26	4	99	0.00	0.0	12.366	0.067	0	0	0	14
PL.23628	PL.22658	A	4ACSR	14.28Y	119.0	0.00	6.99	0.90	0	13	2	99	0.00	0.0	12.402	0.036	0	0	0	7
4684179	PL.23628	A	Consumer	14.28Y	119.0	0.00	6.99	0.05	0	1	0	100	0.00	0.0	12.402	0.000	1	0	1	1
468453	PL.23628	A	Consumer	14.28Y	119.0	0.00	6.99	0.00	0	0	0	100	0.00	0.0	12.402	0.000	0	0	0	0
4684163	PL.23628	A	Consumer	14.28Y	119.0	0.00	6.99	0.01	0	0	0	100	0.00	0.0	12.402	0.000	0	0	1	1
4684129	PL.23628	A	Consumer	14.28Y	119.0	0.00	6.99	0.01	0	0	0	100	0.00	0.0	12.402	0.000	0	0	1	1
468452	PL.23628	A	Consumer	14.28Y	119.0	0.00	6.99	0.06	0	1	0	100	0.00	0.0	12.402	0.000	1	0	1	1
PL.23190	PL.23628	A	4ACSR	14.28Y	119.0	0.00	6.99	0.78	0	11	2	98	0.00	0.0	12.430	0.028	0	0	0	3
4684169	PL.23190	A	Consumer	14.28Y	119.0	0.00	6.99	0.40	0	6	1	99	0.00	0.0	12.430	0.000	6	1	1	1
468451	PL.23190	A	Consumer	14.28Y	119.0	0.00	6.99	0.02	0	0	0	100	0.00	0.0	12.430	0.000	0	0	1	1
468466	PL.23190	A	Consumer	14.28Y	119.0	0.00	6.99	0.35	0	5	1	98	0.00	0.0	12.430	0.000	5	1	1	1
468496	PL.22658	A	Consumer	14.28Y	119.0	0.00	6.99	0.05	0	1	0	100	0.00	0.0	12.366	0.000	1	0	1	1
468468	PL.22658	A	Consumer	14.28Y	119.0	0.00	6.99	0.01	0	0	0	100	0.00	0.0	12.366	0.000	0	0	1	1
468487	PL.22658	A	Consumer	14.28Y	119.0	0.00	6.99	0.07	0	1	0	100	0.00	0.0	12.366	0.000	1	0	1	1
PL.22659	PL.22658	A	4ACSR	14.28Y	119.0	0.00	6.99	0.83	0	12	2	99	0.00	0.0	12.391	0.025	0	0	0	4
468456	PL.22659	A	Consumer	14.28Y	119.0	0.00	6.99	0.26	0	4	1	97	0.00	0.0	12.391	0.000	4	1	1	1
4684103	PL.22659	A	Consumer	14.28Y	119.0	0.00	6.99	0.57	0	8	1	99	0.00	0.0	12.391	0.000	8	1	1	1
468445	PL.22659	A	Consumer	14.28Y	119.0	0.00	6.99	0.00	0	0	0	100	0.00	0.0	12.391	0.000	0	0	1	1
4684100	PL.22659	A	Consumer	14.28Y	119.0	0.00	6.99	0.00	0	0	0	100	0.00	0.0	12.391	0.000	0	0	1	1
4684197	PL.22633	A	Consumer	14.28Y	119.0	0.00	6.99	0.44	0	6	1	99	0.00	0.0	12.298	0.000	6	1	1	1
4684208	PL.22633	A	Consumer	14.28Y	119.0	0.00	6.99	0.46	0	6	1	99	0.00	0.0	12.298	0.000	6	1	1	1
468461	PL.22633	A	Consumer	14.28Y	119.0	0.00	6.99	0.01	0	0	0	100	0.00	0.0	12.298	0.000	0	0	1	1
4684108	PL.22633	A	Consumer	14.28Y	119.0	0.00	6.99	0.18	0	3	0	100	0.00	0.0	12.298	0.000	3	0	1	1
468450	PL.22633	A	Consumer	14.28Y	119.0	0.00	6.99	0.00	0	0	0	100	0.00	0.0	12.298	0.000	0	0	1	1
468465	PL.22633	A	Consumer	14.28Y	119.0	0.00	6.99	0.00	0	0	0	100	0.00	0.0	12.298	0.000	0	0	1	1
468481	PL.22634	A	Consumer	14.28Y	119.0	0.00	6.97	0.30	0	4	1	97	0.00	0.0	12.166	0.000	4	1	1	1
4684118	PL.22634	A	Consumer	14.28Y	119.0	0.00	6.97	0.01	0	0	0	100	0.00	0.0	12.166	0.000	0	0	1	1
468484	PL.22634	A	Consumer	14.28Y	119.0	0.00	6.97	0.03	0	0	0	100	0.00	0.0	12.166	0.000	0	0	1	1
4684119	PL.22634	A	Consumer	14.28Y	119.0	0.00	6.97	0.52	0	7	1	99	0.00	0.0	12.166	0.000	7	1	1	1
468443	PL.22634	A	Consumer	14.28Y	119.0	0.00	6.97	0.01	0	0	0	100	0.00	0.0	12.166	0.000	0	0	1	1
468495	PL.21292	A	Consumer	14.29Y	119.0	0.00	6.95	1.23	0	17	3	98	0.00	0.0	12.092	0.000	17	3	1	1
4684174	PL.21292	A	Consumer	14.29Y	119.0	0.00	6.95	0.10	0	1	0	100	0.00	0.0	12.092	0.000	1	0	1	1
468498	PL.21292	A	Consumer	14.29Y	119.0	0.00	6.95	1.45	0	20	3	99	0.00	0.0	12.092	0.000	20	3	1	1
468402	PL.21284	A	Consumer	14.29Y	119.1	0.00	6.93	0.35	0	5	1	98	0.00	0.0	12.028	0.000	5	1	1	1
4684111	PL.21284	A	Consumer	14.29Y	119.1	0.00	6.93	0.59	0	8	1	99	0.00	0.0	12.028	0.000	8	1	1	1
PL.22619	PL.21283	A	4ACSR	14.29Y	119.1	0.00	6.90	0.39	0	6	1	99	0.00	0.0	11.974	0.040	0	0	0	7

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes a sub-table for PL.41448 with rows A, B, and C.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							-Base Accum Drop	Thru % Amps	Thru % Cap	Thru KW	% KVAR	% PF	kW Loss			% Loss	KW			KVAR
P PL.41461	PL.41448	A	1/0ACSR	14.30Y	119.2	0.00	6.80	3.36	1	48	-7	-99	0.01	0.0	12.009	0.338	0	0	0	10
		B		14.96Y	124.7	-0.00	1.31	-1.09	0	0	-16	0					0	0	0	0
		C		14.82Y	123.5	0.01	2.54	4.29	1	63	-7	-99					0	0	0	21
PL.41463	PL.41461	C	2ACSR	14.81Y	123.5	0.00	2.54	4.22	2	62	10	99	0.00	0.0	12.030	0.022	0	0	0	20
PL.21289	PL.41463	C	4ACSR	14.81Y	123.5	0.00	2.55	3.20	2	47	8	99	0.00	0.0	12.073	0.042	0	0	0	17
PL.22645	PL.21289	C	4ACSR	14.81Y	123.5	0.00	2.55	1.03	1	15	2	99	0.00	0.0	12.117	0.044	0	0	0	2
PL.22646	PL.22645	C	4ACSR	14.81Y	123.5	0.00	2.55	1.03	1	15	2	99	0.00	0.0	12.145	0.028	0	0	0	2
4684124	PL.22646	C	Consumer	14.81Y	123.5	0.00	2.55	0.64	0	9	2	98	0.00	0.0	12.145	0.000	9	2	1	1
4684161	PL.22646	C	Consumer	14.81Y	123.5	0.00	2.55	0.39	0	6	1	99	0.00	0.0	12.145	0.000	6	1	1	1
PL.21098	PL.21289	C	4ACSR	14.81Y	123.5	0.00	2.55	2.17	1	32	5	99	0.00	0.0	12.080	0.007	0	0	0	15
PL.20537	PL.21098	C	4ACSR	14.81Y	123.5	0.00	2.55	2.17	1	32	5	99	0.00	0.0	12.099	0.019	0	0	0	15
4684198	PL.20537	C	Consumer	14.81Y	123.5	0.00	2.55	0.01	0	0	0	100	0.00	0.0	12.099	0.000	0	0	1	1
4684178	PL.20537	C	Consumer	14.81Y	123.5	0.00	2.55	0.72	0	11	2	98	0.00	0.0	12.099	0.000	11	2	1	1
468473	PL.20537	C	Consumer	14.81Y	123.5	0.00	2.55	0.04	0	1	0	100	0.00	0.0	12.099	0.000	1	0	1	1
4684167	PL.20537	C	Consumer	14.81Y	123.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	12.099	0.000	0	0	0	0
PL.21290	PL.20537	C	4ACSR	14.81Y	123.5	0.00	2.55	1.41	1	21	3	99	0.00	0.0	12.153	0.054	0	0	0	12
PL.22617	PL.21290	C	4ACSR	14.81Y	123.5	0.00	2.55	0.40	0	6	1	99	0.00	0.0	12.202	0.048	0	0	0	6
PL.22616	PL.22617	C	4ACSR	14.81Y	123.5	0.00	2.55	0.40	0	6	1	99	0.00	0.0	12.251	0.049	0	0	0	4
468436	PL.22616	C	Consumer	14.81Y	123.5	0.00	2.55	0.05	0	1	0	100	0.00	0.0	12.251	0.000	1	0	1	1
468467	PL.22616	C	Consumer	14.81Y	123.5	0.00	2.55	0.29	0	4	1	97	0.00	0.0	12.251	0.000	4	1	1	1
468463	PL.22616	C	Consumer	14.81Y	123.5	0.00	2.55	0.05	0	1	0	100	0.00	0.0	12.251	0.000	1	0	1	1
4684177	PL.22616	C	Consumer	14.81Y	123.5	0.00	2.55	0.01	0	0	0	100	0.00	0.0	12.251	0.000	0	0	1	1
4684213	PL.22617	C	Consumer	14.81Y	123.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	12.202	0.000	0	0	1	1
468462	PL.22617	C	Consumer	14.81Y	123.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	12.202	0.000	0	0	1	1
4684116	PL.21290	C	Consumer	14.81Y	123.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	12.153	0.000	0	0	1	1
468476	PL.21290	C	Consumer	14.81Y	123.5	0.00	2.55	0.54	0	8	1	99	0.00	0.0	12.153	0.000	8	1	1	1
4684168	PL.21290	C	Consumer	14.81Y	123.5	0.00	2.55	0.42	0	6	1	99	0.00	0.0	12.153	0.000	6	1	1	1
468472	PL.21290	C	Consumer	14.81Y	123.5	0.00	2.55	0.02	0	0	0	100	0.00	0.0	12.153	0.000	0	0	1	1
4684157	PL.21290	C	Consumer	14.81Y	123.5	0.00	2.55	0.02	0	0	0	100	0.00	0.0	12.153	0.000	0	0	1	1
468485	PL.21290	C	Consumer	14.81Y	123.5	0.00	2.55	0.00	0	0	0	100	0.00	0.0	12.153	0.000	0	0	1	1
4684110	PL.41463	C	Consumer	14.81Y	123.5	0.00	2.54	0.04	0	1	0	100	0.00	0.0	12.030	0.000	1	0	1	1
468442	PL.41463	C	Consumer	14.81Y	123.5	0.00	2.54	0.12	0	2	0	100	0.00	0.0	12.030	0.000	2	0	1	1
468441	PL.41463	C	Consumer	14.81Y	123.5	0.00	2.54	0.86	0	13	2	99	0.00	0.0	12.030	0.000	13	2	1	1
PL.46016	PL.41461	A	4ACSR	14.30Y	119.2	0.00	6.80	3.37	2	48	8	99	0.00	0.0	12.016	0.008	0	0	0	10
PD.7445	PL.46016	A	fuse6AMP	14.30Y	119.2	0.00	6.80	3.37	58	48	8	99	0.00	0.0	12.016	0.000	0	0	0	10
PL.46017	PD.7445	A	4ACSR	14.30Y	119.2	0.00	6.80	3.37	2	48	8	99	0.00	0.0	12.025	0.009	0	0	0	10
PL.22627	PL.46017	A	4ACSR	14.30Y	119.2	0.00	6.80	1.36	1	19	3	99	0.00	0.0	12.081	0.056	0	0	0	5
468425	PL.22627	A	Consumer	14.30Y	119.2	0.00	6.80	0.03	0	0	0	100	0.00	0.0	12.081	0.000	0	0	1	1
PL.21287	PL.22627	A	4ACSR	14.30Y	119.2	0.00	6.80	1.33	1	19	3	99	0.00	0.0	12.106	0.026	0	0	0	4

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units Displayed In Volts (Accum Drop, Thru Amps, % Cap, KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi)), Element (KW, KVAR), Cons On, Cons Thru.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.41451, PL.19348, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.20374	PL.46001	A	4ACSR	14.32Y	119.4	0.01	6.65	4.13	2	58	10	99	0.00	0.0	10.881	0.063	0	0	0	14
PD.1836	PL.20374	A	fuse6AMP	14.32Y	119.4	0.00	6.65	4.13	71	58	10	99	0.00	0.0	10.881	0.000	0	0	0	14
PL.20375	PD.1836	A	4ACSR	14.32Y	119.3	0.00	6.65	4.13	2	58	10	99	0.00	0.0	10.929	0.047	0	0	0	14
0404106	PL.20375	A	Consumer	14.32Y	119.3	0.00	6.65	0.55	0	8	1	99	0.00	0.0	10.929	0.000	8	1	1	1
0404120	PL.20375	A	Consumer	14.32Y	119.3	0.00	6.65	0.73	0	10	2	98	0.00	0.0	10.929	0.000	10	2	1	1
040493	PL.20375	A	Consumer	14.32Y	119.3	0.00	6.65	0.12	0	2	0	100	0.00	0.0	10.929	0.000	2	0	1	1
040492	PL.20375	A	Consumer	14.32Y	119.3	0.00	6.65	0.63	0	9	1	99	0.00	0.0	10.929	0.000	9	1	1	1
PL.7346	PL.20375	A	4ACSR	14.32Y	119.3	0.00	6.65	2.09	1	30	5	99	0.00	0.0	10.971	0.043	0	0	0	10
0404115	PL.7346	A	Consumer	14.32Y	119.3	0.00	6.65	0.00	0	0	0	100	0.00	0.0	10.971	0.000	0	0	1	1
0404102	PL.7346	A	Consumer	14.32Y	119.3	0.00	6.65	0.00	0	0	0	100	0.00	0.0	10.971	0.000	0	0	1	1
040495	PL.7346	A	Consumer	14.32Y	119.3	0.00	6.65	0.00	0	0	0	100	0.00	0.0	10.971	0.000	0	0	1	1
PL.19081	PL.7346	A	4ACSR	14.32Y	119.3	0.00	6.66	2.09	1	30	5	99	0.00	0.0	11.035	0.064	0	0	0	7
PL.19082	PL.19081	A	4ACSR	14.32Y	119.3	0.00	6.66	1.34	1	19	3	99	0.00	0.0	11.086	0.051	0	0	0	6
0404117	PL.19082	A	Consumer	14.32Y	119.3	0.00	6.66	0.20	0	3	0	100	0.00	0.0	11.086	0.000	3	0	1	1
0404103	PL.19082	A	Consumer	14.32Y	119.3	0.00	6.66	0.00	0	0	0	100	0.00	0.0	11.086	0.000	0	0	1	1
040499	PL.19082	A	Consumer	14.32Y	119.3	0.00	6.66	0.50	0	7	1	99	0.00	0.0	11.086	0.000	7	1	1	1
PL.7347	PL.19082	A	4ACSR	14.32Y	119.3	0.00	6.66	0.64	0	9	1	99	0.00	0.0	11.128	0.042	0	0	0	3
0404107	PL.7347	A	Consumer	14.32Y	119.3	0.00	6.66	0.01	0	0	0	100	0.00	0.0	11.128	0.000	0	0	1	1
PL.7348	PL.7347	A	4ACSR	14.32Y	119.3	0.00	6.66	0.63	0	9	1	99	0.00	0.0	11.155	0.027	0	0	0	2
0404118	PL.7348	A	Consumer	14.32Y	119.3	0.00	6.66	0.07	0	1	0	100	0.00	0.0	11.155	0.000	1	0	1	1
0404101	PL.7348	A	Consumer	14.32Y	119.3	0.00	6.66	0.56	0	8	1	99	0.00	0.0	11.155	0.000	8	1	1	1
040498	PL.19081	A	Consumer	14.32Y	119.3	0.00	6.66	0.75	0	11	2	98	0.00	0.0	11.035	0.000	11	2	1	1
PL.20358	PL.46001	B	4ACSR	14.97Y	124.7	0.00	1.27	20.40	11	301	51	99	0.01	0.0	10.827	0.008	0	0	0	115
PD.485-A	PL.20358	B	Closed	14.97Y	124.7	0.00	1.27	20.40	0	301	51	99	0.00	0.0	10.827	0.000	0	0	0	115
PD.485-B	PD.485-A	B	Closed	14.97Y	124.7	0.00	1.27	20.40	0	301	51	99	0.00	0.0	10.827	0.000	0	0	0	115
PL.20359	PD.485-B	B	4ACSR	14.97Y	124.7	0.01	1.28	20.40	11	301	51	99	0.02	0.0	10.848	0.022	0	0	0	115
0404104	PL.20359	B	Consumer	14.97Y	124.7	0.00	1.28	0.63	0	9	2	98	0.00	0.0	10.848	0.000	9	2	1	1
PL.11041	PL.20359	B	4ACSR	14.96Y	124.7	0.01	1.29	18.63	10	275	47	99	0.03	0.0	10.881	0.033	0	0	0	108
PL.11042	PL.11041	B	4ACSR	14.96Y	124.6	0.06	1.36	18.35	9	271	46	99	0.13	0.0	11.041	0.159	0	0	0	106
040469	PL.11042	B	Consumer	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	11.041	0.000	0	0	1	1
040443	PL.11042	B	Consumer	14.96Y	124.6	0.00	1.36	0.01	0	0	0	100	0.00	0.0	11.041	0.000	0	0	1	1
040440	PL.11042	B	Consumer	14.96Y	124.6	0.00	1.36	0.03	0	0	0	100	0.00	0.0	11.041	0.000	0	0	1	1
040421	PL.11042	B	Consumer	14.96Y	124.6	0.00	1.36	0.08	0	1	0	100	0.00	0.0	11.041	0.000	1	0	1	1
040439	PL.11042	B	Consumer	14.96Y	124.6	0.00	1.36	1.21	0	18	3	99	0.00	0.0	11.041	0.000	18	3	1	1
040441	PL.11042	B	Consumer	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	11.041	0.000	0	0	1	1
040424	PL.11042	B	Consumer	14.96Y	124.6	0.00	1.36	0.47	0	7	1	99	0.00	0.0	11.041	0.000	7	1	1	1
040403	PL.11042	B	Consumer	14.96Y	124.6	0.00	1.36	0.02	0	0	0	100	0.00	0.0	11.041	0.000	0	0	1	1
PL.11043	PL.11042	B	4ACSR	14.95Y	124.6	0.02	1.38	13.98	7	206	36	99	0.03	0.0	11.104	0.063	0	0	0	77

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
0404125	PL.11043	B	Consumer	14.95Y	124.6	0.00	1.38	0.12	0	2	0	100	0.00	0.0	11.104	0.000	2	0	1	1
PL.7351	PL.11043	B	4ACSR	14.95Y	124.6	0.03	1.40	13.86	7	204	36	98	0.04	0.0	11.188	0.085	0	0	0	76
PL.18127	PL.7351	B	4ACSR	14.95Y	124.6	0.00	1.40	13.01	7	192	34	98	0.00	0.0	11.198	0.010	0	0	0	72
PD.484-A	PL.18127	B	Closed	14.95Y	124.6	0.00	1.40	13.01	0	192	34	98	0.00	0.0	11.198	0.000	0	0	0	72
PD.484-B	PD.484-A	B	Closed	14.95Y	124.6	0.00	1.40	13.01	0	192	34	98	0.00	0.0	11.198	0.000	0	0	0	72
PL.18128	PD.484-B	B	4ACSR	14.95Y	124.6	0.02	1.43	13.01	7	192	34	98	0.03	0.0	11.278	0.080	0	0	0	72
PL.30317	PL.18128	B	4ACSR	14.95Y	124.6	0.00	1.43	0.69	0	10	2	98	0.00	0.0	11.400	0.122	0	0	0	1
041404	PL.30317	B	Consumer	14.95Y	124.6	0.00	1.43	0.69	0	10	2	98	0.00	0.0	11.400	0.000	10	2	1	1
PL.33966	PL.18128	B	2ACSR	14.95Y	124.6	0.00	1.43	0.04	0	1	0	100	0.00	0.0	11.315	0.036	0	0	0	1
0404132	PL.33966	B	Consumer	14.95Y	124.6	0.00	1.43	0.04	0	1	0	100	0.00	0.0	11.315	0.000	1	0	1	1
PL.11428	PL.18128	B	4ACSR	14.95Y	124.6	0.02	1.44	11.92	6	176	31	98	0.02	0.0	11.347	0.069	0	0	0	69
040447	PL.11428	B	Consumer	14.95Y	124.6	0.00	1.44	0.29	0	4	1	97	0.00	0.0	11.347	0.000	4	1	1	1
PL.30318	PL.11428	B	4ACSR	14.95Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	11.427	0.080	0	0	0	0
0414121	PL.30318	B	Consumer	14.95Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	11.427	0.000	0	0	0	0
PL.22473	PL.11428	B	4ACSR	14.94Y	124.5	0.05	1.50	11.63	6	171	30	98	0.07	0.0	11.563	0.216	0	0	0	68
PL.20863	PL.22473	B	4ACSR	14.94Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	11.706	0.143	0	0	0	0
PL.22848	PL.20863	B	4ACSR	14.94Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	11.707	0.001	0	0	0	0
PL.20865	PL.22848	B	4ACSR	14.94Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	11.783	0.076	0	0	0	0
040501	PL.20863	B	Consumer	14.94Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	11.706	0.000	0	0	0	0
PL.22849	PL.20863	B	4ACSR	14.94Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	11.811	0.105	0	0	0	0
PL.43782	PL.22473	B	4ACSR	14.94Y	124.5	0.00	1.50	2.45	1	36	6	99	0.00	0.0	11.619	0.056	0	0	0	12
0414134	PL.43782	B	Consumer	14.94Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	11.619	0.000	0	0	0	0
PL.43783	PL.43782	B	4ACSR	14.94Y	124.5	0.00	1.50	2.45	1	36	6	99	0.00	0.0	11.665	0.046	0	0	0	12
PL.22325	PL.43783	B	4ACSR	14.94Y	124.5	0.00	1.51	1.80	1	27	4	99	0.00	0.0	11.764	0.098	0	0	0	11
PL.39015	PL.22325	B	4ACSR	14.94Y	124.5	0.00	1.51	1.47	1	22	4	98	0.00	0.0	11.801	0.037	0	0	0	9
0414128	PL.39015	B	Consumer	14.94Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	11.801	0.000	0	0	1	1
PL.40712	PL.39015	B	4ACSR	14.94Y	124.5	0.00	1.51	1.46	1	22	4	98	0.00	0.0	11.837	0.036	0	0	0	8
PL.40714	PL.40712	B	4ACSR	14.94Y	124.5	0.00	1.51	1.46	1	22	4	98	0.00	0.0	11.866	0.029	0	0	0	7
0414113	PL.40714	B	Consumer	14.94Y	124.5	0.00	1.51	0.27	0	4	1	97	0.00	0.0	11.866	0.000	4	1	1	1
0414114	PL.40714	B	Consumer	14.94Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	11.866	0.000	0	0	1	1
PL.40716	PL.40714	B	4ACSR	14.94Y	124.5	0.00	1.51	1.19	1	18	3	99	0.00	0.0	11.904	0.038	0	0	0	5
PL.45684	PL.40716	B	4ACSR	14.94Y	124.5	0.00	1.51	0.41	0	6	1	99	0.00	0.0	11.925	0.021	0	0	0	3
0414135	PL.45684	B	Consumer	14.94Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	11.925	0.000	0	0	0	0
PL.45685	PL.45684	B	4ACSR	14.94Y	124.5	0.00	1.51	0.41	0	6	1	99	0.00	0.0	11.948	0.023	0	0	0	3
0414118	PL.45685	B	Consumer	14.94Y	124.5	0.00	1.51	0.41	0	6	1	99	0.00	0.0	11.948	0.000	1	0	1	3
0414133	0414118	B	Consumer	14.94Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	11.948	0.000	0	0	1	1
0414124	0414118	B	Consumer	14.94Y	124.5	0.00	1.51	0.33	0	5	1	98	0.00	0.0	11.948	0.000	5	1	1	1
0414117	PL.40716	B	Consumer	14.94Y	124.5	0.00	1.51	0.01	0	0	0	100	0.00	0.0	11.904	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
0414116	PL.40716	B	Consumer	14.94Y	124.5	0.00	1.51	0.77	0	11	2	98	0.00	0.0	11.904	0.000	11	2	1	1
0414111	PL.40712	B	Consumer	14.94Y	124.5	0.00	1.51	0.01	0	0	0	100	0.00	0.0	11.837	0.000	0	0	1	1
0414115	PL.40712	B	Consumer	14.94Y	124.5	0.00	1.51	0.00	0	0	0	100	0.00	0.0	11.837	0.000	0	0	0	0
041495	PL.22325	B	Consumer	14.94Y	124.5	0.00	1.51	0.15	0	2	0	100	0.00	0.0	11.764	0.000	2	0	1	1
041410	PL.22325	B	Consumer	14.94Y	124.5	0.00	1.51	0.19	0	3	0	100	0.00	0.0	11.764	0.000	3	0	1	1
041405	PL.43783	B	Consumer	14.94Y	124.5	0.00	1.50	0.64	0	9	2	98	0.00	0.0	11.665	0.000	9	2	1	1
PL.22474	PL.22473	B	4ACSR	14.94Y	124.5	0.01	1.51	9.18	5	135	24	98	0.01	0.0	11.618	0.055	0	0	0	56
PL.22323	PL.22474	B	4ACSR	14.94Y	124.5	0.02	1.53	9.18	5	135	24	98	0.02	0.0	11.705	0.087	0	0	0	56
041511	PL.22323	B	Consumer	14.94Y	124.5	0.00	1.53	0.25	0	4	1	97	0.00	0.0	11.705	0.000	4	1	1	1
PL.22855	PL.22323	B	4ACSR	14.94Y	124.5	0.01	1.53	8.93	5	131	24	98	0.01	0.0	11.747	0.042	0	0	0	55
PL.22856	PL.22855	B	4ACSR	14.93Y	124.5	0.01	1.55	8.72	4	128	23	98	0.01	0.0	11.824	0.077	0	0	0	54
PL.22854	PL.22856	B	4ACSR	14.93Y	124.4	0.00	1.55	5.38	3	79	15	98	0.00	0.0	11.865	0.041	0	0	0	20
041549	PL.22854	B	Consumer	14.93Y	124.4	0.00	1.55	0.12	0	2	0	100	0.00	0.0	11.865	0.000	2	0	1	1
PL.23186	PL.22854	B	4ACSR	14.93Y	124.4	0.01	1.56	5.26	3	77	15	98	0.00	0.0	11.909	0.044	0	0	0	19
PL.23187	PL.23186	B	4ACSR	14.93Y	124.4	0.01	1.57	4.49	2	66	13	98	0.00	0.0	11.973	0.063	0	0	0	17
PL.21496	PL.23187	B	4ACSR	14.93Y	124.4	0.00	1.57	3.07	2	45	7	99	0.00	0.0	11.980	0.007	0	0	0	7
PD.2775	PL.21496	B	fuse6AMP	14.93Y	124.4	0.00	1.57	3.07	52	45	7	99	0.00	0.0	11.980	0.000	0	0	0	7
PL.21497	PD.2775	B	4ACSR	14.93Y	124.4	0.00	1.57	3.07	2	45	7	99	0.00	0.0	12.033	0.054	0	0	0	7
PL.21692	PL.21497	B	4ACSR	14.93Y	124.4	0.00	1.57	3.04	2	45	7	99	0.00	0.0	12.090	0.057	0	0	0	6
PL.22479	PL.21692	B	4ACSR	14.93Y	124.4	0.01	1.58	3.04	2	45	7	99	0.00	0.0	12.171	0.081	0	0	0	6
PL.22480	PL.22479	B	4ACSR	14.93Y	124.4	0.00	1.58	2.63	1	39	6	99	0.00	0.0	12.216	0.045	0	0	0	4
PL.22838	PL.22480	B	4ACSR	14.93Y	124.4	0.00	1.59	0.97	1	14	2	99	0.00	0.0	12.434	0.218	0	0	0	2
041508	PL.22838	B	Consumer	14.93Y	124.4	0.00	1.59	0.32	0	5	1	98	0.00	0.0	12.434	0.000	5	1	1	1
PL.22835	PL.22838	B	4ACSR	14.93Y	124.4	0.00	1.59	0.65	0	10	2	98	0.00	0.0	12.489	0.055	0	0	0	1
041509	PL.22835	B	Consumer	14.93Y	124.4	0.00	1.59	0.65	0	10	2	98	0.00	0.0	12.489	0.000	10	2	1	1
041546	PL.22480	B	Consumer	14.93Y	124.4	0.00	1.58	0.36	0	5	1	98	0.00	0.0	12.216	0.000	5	1	1	1
041507	PL.22480	B	Consumer	14.93Y	124.4	0.00	1.58	1.29	0	19	3	99	0.00	0.0	12.216	0.000	19	3	1	1
PL.22321	PL.22479	B	4ACSR	14.93Y	124.4	0.00	1.58	0.42	0	6	1	99	0.00	0.0	12.230	0.059	0	0	0	2
PL.22322	PL.22321	B	4ACSR	14.93Y	124.4	0.00	1.58	0.37	0	5	1	98	0.00	0.0	12.403	0.173	0	0	0	1
041545	PL.22322	B	Consumer	14.93Y	124.4	0.00	1.58	0.37	0	5	1	98	0.00	0.0	12.403	0.000	5	1	1	1
041512	PL.22321	B	Consumer	14.93Y	124.4	0.00	1.58	0.05	0	1	0	100	0.00	0.0	12.230	0.000	1	0	1	1
041558	PL.21497	B	Consumer	14.93Y	124.4	0.00	1.57	0.03	0	0	0	100	0.00	0.0	12.033	0.000	0	0	1	1
0415067	PL.21497	B	Consumer	14.93Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	12.033	0.000	0	0	0	0
041515	PL.23187	B	Consumer	14.93Y	124.4	0.00	1.57	0.17	0	2	0	100	0.00	0.0	11.973	0.000	2	0	1	1
PL.22481	PL.23187	B	4ACSR	14.93Y	124.4	0.01	1.57	1.26	1	18	5	96	0.00	0.0	12.203	0.231	0	0	0	9
PL.45820	PL.22481	B	4ACSR	14.93Y	124.4	0.00	1.57	0.01	0	0	0	100	0.00	0.0	12.266	0.063	0	0	0	1
PL.45822	PL.45820	B	4ACSR	14.93Y	124.4	0.00	1.57	0.01	0	0	0	100	0.00	0.0	12.267	0.001	0	0	0	1
041503	PL.45822	B	Consumer	14.93Y	124.4	0.00	1.57	0.01	0	0	0	100	0.00	0.0	12.267	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.45823	PL.45822	B	4ACSR	14.93Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	12.315	0.048	0	0	0	0
0415069	PL.45823	B	Consumer	14.93Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	12.315	0.000	0	0	0	0
041563	PL.22481	B	Consumer	14.93Y	124.4	0.00	1.57	0.32	0	5	1	98	0.00	0.0	12.203	0.000	5	1	1	1
041522	PL.22481	B	Consumer	14.93Y	124.4	0.00	1.57	0.43	0	6	1	99	0.00	0.0	12.203	0.000	6	1	1	1
PL.22482	PL.22481	B	4ACSR	14.93Y	124.4	0.00	1.57	0.51	0	7	3	92	0.00	0.0	12.260	0.056	0	0	0	6
PL.21691	PL.22482	B	4ACSR	14.93Y	124.4	0.00	1.57	0.51	0	7	3	92	0.00	0.0	12.412	0.152	0	0	0	6
PL.29535	PL.21691	B	4ACSR	14.93Y	124.4	0.00	1.58	0.46	0	6	3	89	0.00	0.0	12.484	0.072	0	0	0	3
041514	PL.29535	B	Consumer	14.93Y	124.4	0.00	1.58	0.07	0	1	0	100	0.00	0.0	12.484	0.000	1	0	1	1
041550	PL.29535	B	Consumer	14.93Y	124.4	0.00	1.58	0.00	0	0	0	100	0.00	0.0	12.484	0.000	0	0	1	1
PL.29536	PL.29535	B	4ACSR	14.93Y	124.4	0.00	1.58	0.39	0	5	3	86	0.00	0.0	12.594	0.110	0	0	0	1
041562	PL.29536	B	Consumer	14.93Y	124.4	0.00	1.58	0.39	0	5	3	86	0.00	0.0	12.594	0.000	5	3	1	1
0415065	PL.21691	B	Consumer	14.93Y	124.4	0.00	1.57	0.01	0	0	0	100	0.00	0.0	12.412	0.000	0	0	1	1
041551	PL.21691	B	Consumer	14.93Y	124.4	0.00	1.57	0.00	0	0	0	100	0.00	0.0	12.412	0.000	0	0	1	1
041501	PL.21691	B	Consumer	14.93Y	124.4	0.00	1.57	0.04	0	0	0	100	0.00	0.0	12.412	0.000	0	0	1	1
041506	PL.23186	B	Consumer	14.93Y	124.4	0.00	1.56	0.50	0	7	1	99	0.00	0.0	11.909	0.000	7	1	1	1
041504	PL.23186	B	Consumer	14.93Y	124.4	0.00	1.56	0.27	0	4	1	97	0.00	0.0	11.909	0.000	4	1	1	1
PL.28989	PL.22856	B	4ACSR	14.93Y	124.4	0.00	1.55	3.08	2	45	7	99	0.00	0.0	11.848	0.024	0	0	0	32
PD.2776	PL.28989	B	fuse6AMP	14.93Y	124.4	0.00	1.55	3.08	53	45	7	99	0.00	0.0	11.848	0.000	0	0	0	32
PL.21676	PD.2776	B	4ACSR	14.93Y	124.4	0.00	1.56	3.08	2	45	7	99	0.00	0.0	11.916	0.068	0	0	0	32
PL.22477	PL.21676	B	4ACSR	14.93Y	124.4	0.00	1.56	2.39	1	35	6	99	0.00	0.0	11.953	0.037	0	0	0	29
041516	PL.22477	B	Consumer	14.93Y	124.4	0.00	1.56	0.02	0	0	0	100	0.00	0.0	11.953	0.000	0	0	1	1
PL.22319	PL.22477	B	4ACSR	14.93Y	124.4	0.00	1.56	0.03	0	1	0	100	0.00	0.0	11.977	0.024	0	0	0	3
PL.22320	PL.22319	B	4ACSR	14.93Y	124.4	0.00	1.56	0.03	0	1	0	100	0.00	0.0	11.998	0.022	0	0	0	2
041518	PL.22320	B	Consumer	14.93Y	124.4	0.00	1.56	0.01	0	0	0	100	0.00	0.0	11.998	0.000	0	0	1	1
041519	PL.22320	B	Consumer	14.93Y	124.4	0.00	1.56	0.02	0	0	0	100	0.00	0.0	11.998	0.000	0	0	1	1
041531	PL.22319	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	11.977	0.000	0	0	1	1
PL.22478	PL.22477	B	4ACSR	14.93Y	124.4	0.00	1.56	2.33	1	34	6	98	0.00	0.0	11.996	0.044	0	0	0	25
041533	PL.22478	B	Consumer	14.93Y	124.4	0.00	1.56	0.03	0	0	0	100	0.00	0.0	11.996	0.000	0	0	1	1
0415070	PL.22478	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	11.996	0.000	0	0	0	0
041538	PL.22478	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	11.996	0.000	0	0	0	0
041540	PL.22478	B	Consumer	14.93Y	124.4	0.00	1.56	0.04	0	1	0	100	0.00	0.0	11.996	0.000	1	0	1	1
PL.22317	PL.22478	B	4ACSR	14.93Y	124.4	0.00	1.56	2.26	1	33	5	99	0.00	0.0	12.026	0.030	0	0	0	23
PL.22318	PL.22317	B	4ACSR	14.93Y	124.4	0.00	1.56	1.48	1	22	4	98	0.00	0.0	12.054	0.028	0	0	0	18
PL.22475	PL.22318	B	4ACSR	14.93Y	124.4	0.00	1.56	1.09	1	16	3	98	0.00	0.0	12.083	0.029	0	0	0	17
PL.20861	PL.22475	B	4ACSR	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	12.136	0.053	0	0	0	1
041524	PL.20861	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	12.136	0.000	0	0	0	0
041525	PL.20861	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	12.136	0.000	0	0	1	1
PL.22476	PL.22475	B	4ACSR	14.93Y	124.4	0.00	1.56	1.09	1	16	3	98	0.00	0.0	12.109	0.027	0	0	0	16

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.22852	PL.22476	B	4ACSR	14.93Y	124.4	0.00	1.56	0.34	0	5	1	98	0.00	0.0	12.181	0.072	0	0	0	10
0415066	PL.22852	B	Consumer	14.93Y	124.4	0.00	1.56	0.03	0	0	0	100	0.00	0.0	12.181	0.000	0	0	1	2
041548	0415066	B	Consumer	14.93Y	124.4	0.00	1.56	0.03	0	0	0	100	0.00	0.0	12.181	0.000	0	0	1	1
PL.22853	PL.22852	B	4ACSR	14.93Y	124.4	0.00	1.56	0.31	0	5	1	98	0.00	0.0	12.276	0.094	0	0	0	8
041547	PL.22853	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	12.276	0.000	0	0	1	1
041539	PL.22853	B	Consumer	14.93Y	124.4	0.00	1.56	0.02	0	0	0	100	0.00	0.0	12.276	0.000	0	0	1	1
041543	PL.22853	B	Consumer	14.93Y	124.4	0.00	1.56	0.05	0	1	0	100	0.00	0.0	12.276	0.000	1	0	1	1
041535	PL.22853	B	Consumer	14.93Y	124.4	0.00	1.56	0.02	0	0	0	100	0.00	0.0	12.276	0.000	0	0	1	1
041544	PL.22853	B	Consumer	14.93Y	124.4	0.00	1.56	0.13	0	2	0	100	0.00	0.0	12.276	0.000	2	0	1	1
041537	PL.22853	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	12.276	0.000	0	0	1	1
041542	PL.22853	B	Consumer	14.93Y	124.4	0.00	1.56	0.08	0	1	0	100	0.00	0.0	12.276	0.000	1	0	1	1
041541	PL.22853	B	Consumer	14.93Y	124.4	0.00	1.56	0.02	0	0	0	100	0.00	0.0	12.276	0.000	0	0	1	1
041529	PL.22476	B	Consumer	14.93Y	124.4	0.00	1.56	0.01	0	0	0	100	0.00	0.0	12.109	0.000	0	0	1	1
041528	PL.22476	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	12.109	0.000	0	0	1	1
041523	PL.22476	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	12.109	0.000	0	0	1	1
041520	PL.22476	B	Consumer	14.93Y	124.4	0.00	1.56	0.03	0	0	0	100	0.00	0.0	12.109	0.000	0	0	1	1
041517	PL.22476	B	Consumer	14.93Y	124.4	0.00	1.56	0.01	0	0	0	100	0.00	0.0	12.109	0.000	0	0	1	1
041526	PL.22476	B	Consumer	14.93Y	124.4	0.00	1.56	0.70	0	10	2	98	0.00	0.0	12.109	0.000	10	2	1	1
041510	PL.22318	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	12.054	0.000	0	0	0	0
041521	PL.22318	B	Consumer	14.93Y	124.4	0.00	1.56	0.39	0	6	1	99	0.00	0.0	12.054	0.000	6	1	1	1
041527	PL.22317	B	Consumer	14.93Y	124.4	0.00	1.56	0.03	0	0	0	100	0.00	0.0	12.026	0.000	0	0	1	1
041534	PL.22317	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	12.026	0.000	0	0	1	1
041532	PL.22317	B	Consumer	14.93Y	124.4	0.00	1.56	0.03	0	0	0	100	0.00	0.0	12.026	0.000	0	0	1	1
041560	PL.22317	B	Consumer	14.93Y	124.4	0.00	1.56	0.72	0	11	2	98	0.00	0.0	12.026	0.000	11	2	1	1
041530	PL.22317	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	12.026	0.000	0	0	1	1
041555	PL.21676	B	Consumer	14.93Y	124.4	0.00	1.56	0.68	0	10	2	98	0.00	0.0	11.916	0.000	10	2	1	1
041557	PL.21676	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	11.916	0.000	0	0	1	1
041556	PL.21676	B	Consumer	14.93Y	124.4	0.00	1.56	0.02	0	0	0	100	0.00	0.0	11.916	0.000	0	0	1	1
0415068	PL.21676	B	Consumer	14.93Y	124.4	0.00	1.56	0.00	0	0	0	100	0.00	0.0	11.916	0.000	0	0	0	0
041559	PL.22856	B	Consumer	14.93Y	124.5	0.00	1.55	0.25	0	4	1	97	0.00	0.0	11.824	0.000	4	1	1	1
041561	PL.22856	B	Consumer	14.93Y	124.5	0.00	1.55	0.00	0	0	0	100	0.00	0.0	11.824	0.000	0	0	0	0
0415064	PL.22856	B	Consumer	14.93Y	124.5	0.00	1.55	0.00	0	0	0	100	0.00	0.0	11.824	0.000	0	0	0	0
041552	PL.22856	B	Consumer	14.93Y	124.5	0.00	1.55	0.01	0	0	0	100	0.00	0.0	11.824	0.000	0	0	1	1
041553	PL.22855	B	Consumer	14.94Y	124.5	0.00	1.53	0.22	0	3	1	95	0.00	0.0	11.747	0.000	3	1	1	1
040477	PL.18128	B	Consumer	14.95Y	124.6	0.00	1.43	0.37	0	5	1	98	0.00	0.0	11.278	0.000	5	1	1	1
040422	PL.7351	B	Consumer	14.95Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	11.188	0.000	0	0	1	1
040496	PL.7351	B	Consumer	14.95Y	124.6	0.00	1.40	0.20	0	3	0	100	0.00	0.0	11.188	0.000	3	0	1	1
0404110	PL.7351	B	Consumer	14.95Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	11.188	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
040423	PL.7351	B	Consumer	14.95Y	124.6	0.00	1.40	0.10	0	1	0	100	0.00	0.0	11.188	0.000	1	0	1	1
040487	PL.7351	B	Consumer	14.95Y	124.6	0.00	1.40	0.55	0	8	1	99	0.00	0.0	11.188	0.000	8	1	1	1
PL.22794	PL.11042	B	4ACSR	14.96Y	124.6	0.00	1.36	2.54	1	37	6	99	0.00	0.0	11.083	0.042	0	0	0	21
PL.22795	PL.22794	B	4ACSR	14.96Y	124.6	0.00	1.36	1.46	1	22	4	98	0.00	0.0	11.168	0.085	0	0	0	16
PL.22845	PL.22795	B	4ACSR	14.96Y	124.6	0.00	1.36	1.35	1	20	3	99	0.00	0.0	11.202	0.034	0	0	0	15
PL.28384	PL.22845	B	4ACSR	14.96Y	124.6	0.00	1.36	0.92	0	14	2	99	0.00	0.0	11.252	0.050	0	0	0	12
040457	PL.28384	B	Consumer	14.96Y	124.6	0.00	1.36	0.01	0	0	0	100	0.00	0.0	11.252	0.000	0	0	1	1
040432	PL.28384	B	Consumer	14.96Y	124.6	0.00	1.36	0.14	0	2	0	100	0.00	0.0	11.252	0.000	2	0	1	1
040430	PL.28384	B	Consumer	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	11.252	0.000	0	0	1	1
040435	PL.28384	B	Consumer	14.96Y	124.6	0.00	1.36	0.03	0	0	0	100	0.00	0.0	11.252	0.000	0	0	1	1
PL.28385	PL.28384	B	4ACSR	14.96Y	124.6	0.00	1.36	0.74	0	11	2	98	0.00	0.0	11.296	0.044	0	0	0	8
040456	PL.28385	B	Consumer	14.96Y	124.6	0.00	1.36	0.12	0	2	0	100	0.00	0.0	11.296	0.000	2	0	1	1
0404129	PL.28385	B	Consumer	14.96Y	124.6	0.00	1.36	0.27	0	4	1	97	0.00	0.0	11.296	0.000	4	1	1	1
040448	PL.28385	B	Consumer	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	11.296	0.000	0	0	0	0
PL.22846	PL.28385	B	4ACSR	14.96Y	124.6	0.00	1.36	0.35	0	5	1	98	0.00	0.0	11.316	0.021	0	0	0	6
PL.22847	PL.22846	B	4ACSR	14.96Y	124.6	0.00	1.36	0.33	0	5	1	98	0.00	0.0	11.363	0.046	0	0	0	5
040453	PL.22847	B	Consumer	14.96Y	124.6	0.00	1.36	0.01	0	0	0	100	0.00	0.0	11.363	0.000	0	0	1	1
040454	PL.22847	B	Consumer	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	11.363	0.000	0	0	1	1
040437	PL.22847	B	Consumer	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	11.363	0.000	0	0	1	1
040483	PL.22847	B	Consumer	14.96Y	124.6	0.00	1.36	0.05	0	1	0	100	0.00	0.0	11.363	0.000	1	0	1	1
040451	PL.22847	B	Consumer	14.96Y	124.6	0.00	1.36	0.26	0	4	1	97	0.00	0.0	11.363	0.000	4	1	1	1
040444	PL.22846	B	Consumer	14.96Y	124.6	0.00	1.36	0.02	0	0	0	100	0.00	0.0	11.316	0.000	0	0	1	1
040436	PL.22845	B	Consumer	14.96Y	124.6	0.00	1.36	0.01	0	0	0	100	0.00	0.0	11.202	0.000	0	0	1	1
040485	PL.22845	B	Consumer	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	11.202	0.000	0	0	1	1
040429	PL.22845	B	Consumer	14.96Y	124.6	0.00	1.36	0.42	0	6	1	99	0.00	0.0	11.202	0.000	6	1	1	1
040455	PL.22795	B	Consumer	14.96Y	124.6	0.00	1.36	0.12	0	2	0	100	0.00	0.0	11.168	0.000	2	0	1	1
PL.22792	PL.22794	B	4ACSR	14.96Y	124.6	0.00	1.36	1.07	1	16	3	98	0.00	0.0	11.117	0.035	0	0	0	5
0404121	PL.22792	B	Consumer	14.96Y	124.6	0.00	1.36	0.10	0	1	0	100	0.00	0.0	11.117	0.000	1	0	1	1
PL.22793	PL.22792	B	4ACSR	14.96Y	124.6	0.00	1.36	0.97	1	14	2	99	0.00	0.0	11.167	0.049	0	0	0	4
040449	PL.22793	B	Consumer	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	11.167	0.000	0	0	0	0
040460	PL.22793	B	Consumer	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	11.167	0.000	0	0	1	1
040452	PL.22793	B	Consumer	14.96Y	124.6	0.00	1.36	0.24	0	4	1	97	0.00	0.0	11.167	0.000	4	1	1	1
040414	PL.22793	B	Consumer	14.96Y	124.6	0.00	1.36	0.50	0	7	1	99	0.00	0.0	11.167	0.000	7	1	1	1
040450	PL.22793	B	Consumer	14.96Y	124.6	0.00	1.36	0.23	0	3	1	95	0.00	0.0	11.167	0.000	3	1	1	1
0404127	PL.11041	B	Consumer	14.96Y	124.7	0.00	1.29	0.10	0	1	0	100	0.00	0.0	10.881	0.000	1	0	1	1
040428	PL.11041	B	Consumer	14.96Y	124.7	0.00	1.29	0.18	0	3	0	100	0.00	0.0	10.881	0.000	3	0	1	1
PL.22850	PL.20359	B	4ACSR	14.97Y	124.7	0.00	1.28	1.14	1	17	3	98	0.00	0.0	10.941	0.092	0	0	0	6
040465	PL.22850	B	Consumer	14.97Y	124.7	0.00	1.28	0.19	0	3	0	100	0.00	0.0	10.941	0.000	3	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
0404131	PL.22850	B	Consumer	14.97Y	124.7	0.00	1.28	0.56	0	8	1	99	0.00	0.0	10.941	0.000	8	1	1	1
040468	PL.22850	B	Consumer	14.97Y	124.7	0.00	1.28	0.00	0	0	0	100	0.00	0.0	10.941	0.000	0	0	0	0
040462	PL.22850	B	Consumer	14.97Y	124.7	0.00	1.28	0.00	0	0	0	100	0.00	0.0	10.941	0.000	0	0	1	1
040470	PL.22850	B	Consumer	14.97Y	124.7	0.00	1.28	0.05	0	1	0	100	0.00	0.0	10.941	0.000	1	0	1	1
PL.22851	PL.22850	B	4ACSR	14.97Y	124.7	0.00	1.28	0.35	0	5	1	98	0.00	0.0	11.000	0.059	0	0	0	2
040463	PL.22851	B	Consumer	14.97Y	124.7	0.00	1.28	0.04	0	1	0	100	0.00	0.0	11.000	0.000	1	0	1	1
040458	PL.22851	B	Consumer	14.97Y	124.7	0.00	1.28	0.30	0	4	1	97	0.00	0.0	11.000	0.000	4	1	1	1
0404108	PL.45999	B	Consumer	14.97Y	124.7	0.00	1.25	0.42	0	6	1	99	0.00	0.0	10.779	0.000	6	1	1	1
040497	PL.7345	B	Consumer	14.97Y	124.8	0.00	1.24	0.43	0	6	1	99	0.00	0.0	10.734	0.000	6	1	1	1
PL.45518	PL.20215	C	4ACSR	14.83Y	123.6	0.00	2.42	6.04	3	88	14	99	0.00	0.0	10.745	0.027	0	0	0	32
PL.46002	PL.45518	C	4ACSR	14.83Y	123.6	0.00	2.43	6.04	3	88	14	99	0.00	0.0	10.752	0.007	0	0	0	32
PD.8705	PL.46002	C	25E	14.83Y	123.6	0.00	2.43	6.04	24	88	14	99	0.00	0.0	10.752	0.000	0	0	0	32
PL.46003	PD.8705	C	4ACSR	14.83Y	123.6	0.01	2.44	6.04	3	88	14	99	0.01	0.0	10.848	0.095	0	0	0	32
PL.45544	PL.46003	C	4ACSR	14.83Y	123.6	0.00	2.44	2.00	1	29	5	99	0.00	0.0	10.864	0.016	0	0	0	14
PD.8663	PL.45544	C	fuse6AMP	14.83Y	123.6	0.00	2.44	2.00	34	29	5	99	0.00	0.0	10.864	0.000	0	0	0	14
PL.45545	PD.8663	C	4ACSR	14.83Y	123.6	0.00	2.44	2.00	1	29	5	99	0.00	0.0	10.886	0.022	0	0	0	14
0404124	PL.45545	C	Consumer	14.83Y	123.6	0.00	2.44	0.70	0	10	2	98	0.00	0.0	10.886	0.000	10	2	1	1
040484	PL.45545	C	Consumer	14.83Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	10.886	0.000	0	0	1	1
PL.29031	PL.45545	C	4ACSR	14.83Y	123.6	0.00	2.44	1.29	1	19	3	99	0.00	0.0	10.961	0.075	0	0	0	12
PL.29032	PL.29031	C	4ACSR	14.83Y	123.6	0.00	2.44	0.85	0	12	2	99	0.00	0.0	10.981	0.020	0	0	0	11
040416	PL.29032	C	Consumer	14.83Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	10.981	0.000	0	0	1	1
040461	PL.29032	C	Consumer	14.83Y	123.6	0.00	2.44	0.25	0	4	1	97	0.00	0.0	10.981	0.000	4	1	1	1
040471	PL.29032	C	Consumer	14.83Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	10.981	0.000	0	0	1	1
040418	PL.29032	C	Consumer	14.83Y	123.6	0.00	2.44	0.01	0	0	0	100	0.00	0.0	10.981	0.000	0	0	1	1
040417	PL.29032	C	Consumer	14.83Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	10.981	0.000	0	0	1	1
040438	PL.29032	C	Consumer	14.83Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	10.981	0.000	0	0	0	0
PL.28936	PL.29032	C	4ACSR	14.83Y	123.6	0.00	2.44	0.59	0	9	1	99	0.00	0.0	11.004	0.023	0	0	0	6
PL.28937	PL.28936	C	4ACSR	14.83Y	123.6	0.00	2.44	0.59	0	9	1	99	0.00	0.0	11.048	0.044	0	0	0	5
PL.28935	PL.28937	C	4ACSR	14.83Y	123.6	0.00	2.44	0.05	0	1	0	100	0.00	0.0	11.090	0.042	0	0	0	3
040426	PL.28935	C	Consumer	14.83Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	11.090	0.000	0	0	1	1
040412	PL.28935	C	Consumer	14.83Y	123.6	0.00	2.44	0.02	0	0	0	100	0.00	0.0	11.090	0.000	0	0	1	1
040408	PL.28935	C	Consumer	14.83Y	123.6	0.00	2.44	0.03	0	0	0	100	0.00	0.0	11.090	0.000	0	0	1	1
040410	PL.28937	C	Consumer	14.83Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	11.048	0.000	0	0	1	1
040419	PL.28937	C	Consumer	14.83Y	123.6	0.00	2.44	0.54	0	8	1	99	0.00	0.0	11.048	0.000	8	1	1	1
0404111	PL.28936	C	Consumer	14.83Y	123.6	0.00	2.44	0.00	0	0	0	100	0.00	0.0	11.004	0.000	0	0	1	1
040464	PL.29031	C	Consumer	14.83Y	123.6	0.00	2.44	0.45	0	7	1	99	0.00	0.0	10.961	0.000	7	1	1	1
PL.45546	PL.46003	C	4ACSR	14.83Y	123.5	0.02	2.45	4.05	2	59	10	99	0.01	0.0	11.041	0.193	0	0	0	18
PD.8667	PL.45546	C	fuse6AMP	14.83Y	123.5	0.00	2.45	4.05	69	59	10	99	0.00	0.0	11.041	0.000	0	0	0	18

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.45547	PD.8667	C	4ACSR	14.83Y	123.5	0.00	2.46	4.05	2	59	10	99	0.00	0.0	11.067	0.026	0	0	0	18
040494	PL.45547	C	Consumer	14.83Y	123.5	0.00	2.46	0.09	0	1	0	100	0.00	0.0	11.067	0.000	1	0	1	1
040488	PL.45547	C	Consumer	14.83Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	11.067	0.000	0	0	1	1
040475	PL.45547	C	Consumer	14.83Y	123.5	0.00	2.46	0.59	0	9	1	99	0.00	0.0	11.067	0.000	9	1	1	1
PL.29010	PL.45547	C	4ACSR	14.83Y	123.5	0.00	2.46	1.52	1	22	4	98	0.00	0.0	11.095	0.027	0	0	0	4
PL.29011	PL.29010	C	4ACSR	14.82Y	123.5	0.00	2.46	0.76	0	11	2	98	0.00	0.0	11.137	0.043	0	0	0	2
0404114	PL.29011	C	Consumer	14.82Y	123.5	0.00	2.46	0.72	0	11	2	98	0.00	0.0	11.137	0.000	11	2	1	1
0404100	PL.29011	C	Consumer	14.82Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	11.137	0.000	0	0	0	0
040411	PL.29011	C	Consumer	14.82Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	11.137	0.000	0	0	0	0
040486	PL.29011	C	Consumer	14.82Y	123.5	0.00	2.46	0.04	0	1	0	100	0.00	0.0	11.137	0.000	1	0	1	1
040489	PL.29010	C	Consumer	14.83Y	123.5	0.00	2.46	0.65	0	10	2	98	0.00	0.0	11.095	0.000	10	2	1	1
040476	PL.29010	C	Consumer	14.83Y	123.5	0.00	2.46	0.11	0	2	0	100	0.00	0.0	11.095	0.000	2	0	1	1
PL.28933	PL.45547	C	4ACSR	14.82Y	123.5	0.00	2.46	1.84	1	27	4	99	0.00	0.0	11.159	0.092	0	0	0	7
PL.28934	PL.28933	C	4ACSR	14.82Y	123.5	0.00	2.46	0.04	0	1	0	100	0.00	0.0	11.206	0.047	0	0	0	4
PL.28932	PL.28934	C	4ACSR	14.82Y	123.5	0.00	2.46	0.01	0	0	0	100	0.00	0.0	11.255	0.049	0	0	0	3
040490	PL.28932	C	Consumer	14.82Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	11.255	0.000	0	0	1	1
040478	PL.28932	C	Consumer	14.82Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	11.255	0.000	0	0	1	1
040479	PL.28932	C	Consumer	14.82Y	123.5	0.00	2.46	0.01	0	0	0	100	0.00	0.0	11.255	0.000	0	0	1	1
040482	PL.28934	C	Consumer	14.82Y	123.5	0.00	2.46	0.03	0	1	0	100	0.00	0.0	11.206	0.000	1	0	1	1
040481	PL.28933	C	Consumer	14.82Y	123.5	0.00	2.46	0.56	0	8	1	99	0.00	0.0	11.159	0.000	8	1	1	1
040480	PL.28933	C	Consumer	14.82Y	123.5	0.00	2.46	0.03	0	0	0	100	0.00	0.0	11.159	0.000	0	0	1	1
0404105	PL.28933	C	Consumer	14.82Y	123.5	0.00	2.46	1.21	0	18	3	99	0.00	0.0	11.159	0.000	18	3	1	1
PL.29180	PL.45547	C	4ACSR	14.83Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	11.096	0.029	0	0	0	0
PL.29012	PL.45547	C	4ACSR	14.83Y	123.5	0.00	2.46	0.01	0	0	0	100	0.00	0.0	11.102	0.035	0	0	0	4
040474	PL.29012	C	Consumer	14.83Y	123.5	0.00	2.46	0.01	0	0	0	100	0.00	0.0	11.102	0.000	0	0	1	1
040472	PL.29012	C	Consumer	14.83Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	11.102	0.000	0	0	1	1
040473	PL.29012	C	Consumer	14.83Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	11.102	0.000	0	0	1	1
040433	PL.29012	C	Consumer	14.83Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	11.102	0.000	0	0	1	1
PL.28928	PL.29012	C	4ACSR	14.83Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	11.119	0.017	0	0	0	0
040405	PL.28928	C	Consumer	14.83Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	11.119	0.000	0	0	0	0
PL.28057	PL.11024	A	4ACSR	14.34Y	119.5	0.00	6.50	1.18	1	15	7	91	0.00	0.0	10.342	0.007	0	0	0	1
PD.2777	PL.28057	A	fuse6AMP	14.34Y	119.5	0.00	6.50	1.18	20	15	7	91	0.00	0.0	10.342	0.000	0	0	0	1
PL.28058	PD.2777	A	4ACSR	14.34Y	119.5	0.00	6.50	1.18	1	15	7	91	0.00	0.0	10.366	0.025	0	0	0	1
0404122	PL.28058	A	Consumer	14.34Y	119.5	0.00	6.50	1.18	0	15	7	91	0.00	0.0	10.366	0.000	15	7	1	1
040313	PL.11023	B	Consumer	15.00Y	125.0	0.00	0.98	0.00	0	0	0	100	0.00	0.0	10.131	0.000	0	0	1	1
040319	PL.11023	B	Consumer	15.00Y	125.0	0.00	0.98	0.85	0	13	2	99	0.00	0.0	10.131	0.000	13	2	1	1
PL.18134	PL.19654	B	4ACSR	15.01Y	125.0	0.00	0.95	0.52	0	8	1	99	0.00	0.0	10.078	0.005	0	0	0	2
PD.2008	PL.18134	B	fuse6AMP	15.01Y	125.0	0.00	0.95	0.52	9	8	1	99	0.00	0.0	10.078	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' and '-Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts					Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	Length (mi)							KW	KVAR		
040382	PL.7313	A	Consumer	14.38Y	119.8	0.00	6.20	0.41	0	6	1	99	0.00	0.0	10.320	0.000	6	1	1	1	
040380	PL.7311	A	Consumer	14.38Y	119.8	0.00	6.20	0.01	0	0	0	100	0.00	0.0	10.218	0.000	0	0	1	1	
040378	PL.7311	A	Consumer	14.38Y	119.8	0.00	6.20	0.33	0	5	1	98	0.00	0.0	10.218	0.000	5	1	1	1	
040377	PL.7311	A	Consumer	14.38Y	119.8	0.00	6.20	0.93	0	13	2	99	0.00	0.0	10.218	0.000	13	2	1	1	
040339	PL.27825	A	Consumer	14.38Y	119.8	0.00	6.19	0.00	0	0	0	100	0.00	0.0	10.114	0.000	0	0	1	1	
040384	PL.27825	A	Consumer	14.38Y	119.8	0.00	6.19	0.00	0	0	0	100	0.00	0.0	10.114	0.000	0	0	1	1	
040333	PL.27825	A	Consumer	14.38Y	119.8	0.00	6.19	0.30	0	4	1	97	0.00	0.0	10.114	0.000	4	1	1	1	
040337	PL.27825	A	Consumer	14.38Y	119.8	0.00	6.19	0.00	0	0	0	100	0.00	0.0	10.114	0.000	0	0	0	0	
040335	PL.19501	A	Consumer	14.38Y	119.8	0.00	6.18	0.39	0	6	1	99	0.00	0.0	10.030	0.000	6	1	1	1	
040366	PL.19501	A	Consumer	14.38Y	119.8	0.00	6.18	0.40	0	6	1	99	0.00	0.0	10.030	0.000	6	1	1	1	
040342	PL.18677	A	Consumer	14.38Y	119.8	0.00	6.17	0.01	0	0	0	100	0.00	0.0	9.922	0.000	0	0	1	1	
040348	PL.10851	A	Consumer	14.38Y	119.8	0.00	6.16	0.33	0	5	1	98	0.00	0.0	9.834	0.000	5	1	1	1	
040369	PL.10851	A	Consumer	14.38Y	119.8	0.00	6.16	0.00	0	0	0	100	0.00	0.0	9.834	0.000	0	0	0	0	
040352	PL.10851	A	Consumer	14.38Y	119.8	0.00	6.16	0.01	0	0	0	100	0.00	0.0	9.834	0.000	0	0	1	1	
PL.20350	PL.18228	A	4ACSR	14.40Y	120.0	0.01	5.97	22.08	11	314	51	99	0.02	0.0	9.557	0.020	0	0	0	90	
PD.3699	PL.20350	A	35L	14.40Y	120.0	0.00	5.97	22.08	63	314	51	99	0.00	0.0	9.557	0.000	0	0	0	90	
PL.43096	PD.3699	A	4ACSR	14.39Y	119.9	0.09	6.07	22.08	11	314	51	99	0.23	0.1	9.754	0.197	0	0	0	90	
PL.43097	PL.43096	A	4ACSR	14.39Y	119.9	0.01	6.08	22.08	11	314	51	99	0.03	0.0	9.777	0.022	0	0	0	90	
C PD.1990	PL.43097	A	fuse6AMP	14.39Y	119.9	0.00	6.08	22.08	377	314	51	99	0.00	0.0	9.777	0.000	0	0	0	90 C	
PL.18141	PD.1990	A	4ACSR	14.39Y	119.9	0.00	6.08	22.08	11	314	51	99	0.01	0.0	9.785	0.009	0	0	0	90	
041308	PL.18141	A	Consumer	14.39Y	119.9	0.00	6.08	0.27	0	4	1	97	0.00	0.0	9.785	0.000	4	1	1	1	
0413187	PL.18141	A	Consumer	14.39Y	119.9	0.00	6.08	0.00	0	0	0	100	0.00	0.0	9.785	0.000	0	0	0	0	
0413188	PL.18141	A	Consumer	14.39Y	119.9	0.00	6.08	0.32	0	5	1	98	0.00	0.0	9.785	0.000	5	1	1	1	
0413206	PL.18141	A	Consumer	14.39Y	119.9	0.00	6.08	1.10	0	16	3	98	0.00	0.0	9.785	0.000	16	3	1	1	
PL.18897	PL.18141	A	4ACSR	14.39Y	119.9	0.01	6.09	6.92	4	98	16	99	0.01	0.0	9.845	0.060	0	0	0	27	
PD.475-A	PL.18897	A	Closed	14.39Y	119.9	0.00	6.09	6.92	0	98	16	99	0.00	0.0	9.845	0.000	0	0	0	27	
PD.475-B	PD.475-A	A	Closed	14.39Y	119.9	0.00	6.09	6.92	0	98	16	99	0.00	0.0	9.845	0.000	0	0	0	27	
PL.27721	PD.475-B	A	4ACSR	14.39Y	119.9	0.01	6.11	6.92	4	98	16	99	0.01	0.0	9.930	0.085	0	0	0	27	
PL.11253	PL.27721	A	4ACSR	14.39Y	119.9	0.00	6.11	2.03	1	29	5	99	0.00	0.0	9.994	0.064	0	0	0	9	
PL.6834	PL.11253	A	4ACSR	14.39Y	119.9	0.00	6.11	1.28	1	18	3	99	0.00	0.0	10.030	0.036	0	0	0	6	
0413116	PL.6834	A	Consumer	14.39Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	10.030	0.000	0	0	0	0	
041395	PL.6834	A	Consumer	14.39Y	119.9	0.00	6.11	0.12	0	2	0	100	0.00	0.0	10.030	0.000	2	0	1	1	
0413120	PL.6834	A	Consumer	14.39Y	119.9	0.00	6.11	0.03	0	0	0	100	0.00	0.0	10.030	0.000	0	0	1	1	
0413235	0413120	A	Consumer	14.39Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	10.030	0.000	0	0	0	0	
0413105	PL.6834	A	Consumer	14.39Y	119.9	0.00	6.11	0.01	0	0	0	100	0.00	0.0	10.030	0.000	0	0	1	1	
0413184	PL.6834	A	Consumer	14.39Y	119.9	0.00	6.11	0.14	0	2	0	100	0.00	0.0	10.030	0.000	2	0	1	1	
PL.6835	PL.6834	A	4ACSR	14.39Y	119.9	0.00	6.11	0.98	1	14	2	99	0.00	0.0	10.076	0.045	0	0	0	2	
0413156	PL.6835	A	Consumer	14.39Y	119.9	0.00	6.11	0.18	0	3	0	100	0.00	0.0	10.076	0.000	3	0	1	1	

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts						mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss							% Loss	
0413199	PL.6835	A	Consumer	14.39Y	119.9	0.00	6.11	0.79	0	11	2	98	0.00	0.0	10.076	0.000	11	2	1	1
PL.11243	PL.6835	A	4ACSR	14.39Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	10.078	0.002	0	0	0	0
PD.476-A	PL.11243	A	Open	14.39Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	10.078	0.000	0	0	0	0
0413152	PL.11253	A	Consumer	14.39Y	119.9	0.00	6.11	0.26	0	4	1	97	0.00	0.0	9.994	0.000	4	1	1	1
0413139	PL.11253	A	Consumer	14.39Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	9.994	0.000	0	0	1	1
PL.41090	PL.11253	A	2ACSR	14.39Y	119.9	0.00	6.11	0.49	0	7	1	99	0.00	0.0	10.026	0.032	0	0	0	1
0413126	PL.41090	A	Consumer	14.39Y	119.9	0.00	6.11	0.49	0	7	1	99	0.00	0.0	10.026	0.000	7	1	1	1
0413227	PL.41090	A	Consumer	14.39Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	10.026	0.000	0	0	0	0
0413216	PL.27721	A	Consumer	14.39Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	9.930	0.000	0	0	0	0
0413142	PL.27721	A	Consumer	14.39Y	119.9	0.00	6.11	0.03	0	0	0	100	0.00	0.0	9.930	0.000	0	0	1	1
041397	PL.27721	A	Consumer	14.39Y	119.9	0.00	6.11	0.06	0	1	0	100	0.00	0.0	9.930	0.000	1	0	1	1
PL.11252	PL.27721	A	4ACSR	14.39Y	119.9	0.00	6.11	4.80	2	68	11	99	0.00	0.0	9.968	0.038	0	0	0	16
PL.11254	PL.11252	A	4ACSR	14.39Y	119.9	0.00	6.11	4.79	2	68	11	99	0.00	0.0	10.003	0.035	0	0	0	15
PL.3143	PL.11254	A	4ACSR	14.39Y	119.9	0.00	6.11	0.05	0	1	0	100	0.00	0.0	10.023	0.020	0	0	0	2
0413122	PL.3143	A	Consumer	14.39Y	119.9	0.00	6.11	0.05	0	1	0	100	0.00	0.0	10.023	0.000	1	0	1	1
0413134	PL.3143	A	Consumer	14.39Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	10.023	0.000	0	0	1	1
PL.11255	PL.11254	A	4ACSR	14.39Y	119.9	0.00	6.12	4.74	2	67	11	99	0.00	0.0	10.033	0.029	0	0	0	13
PL.11249	PL.11255	A	4ACSR	14.39Y	119.9	0.01	6.12	4.69	2	67	11	99	0.00	0.0	10.088	0.055	0	0	0	11
0413101	PL.11249	A	Consumer	14.39Y	119.9	0.00	6.12	0.54	0	8	1	99	0.00	0.0	10.088	0.000	8	1	1	1
PL.11250	PL.11249	A	4ACSR	14.38Y	119.9	0.00	6.13	4.15	2	59	10	99	0.00	0.0	10.130	0.042	0	0	0	10
PL.11251	PL.11250	A	4ACSR	14.38Y	119.9	0.00	6.13	3.03	2	43	7	99	0.00	0.0	10.183	0.054	0	0	0	8
0413129	PL.11251	A	Consumer	14.38Y	119.9	0.00	6.13	1.09	0	16	3	98	0.00	0.0	10.183	0.000	16	3	1	1
041391	PL.11251	A	Consumer	14.38Y	119.9	0.00	6.13	0.67	0	10	2	98	0.00	0.0	10.183	0.000	10	2	1	1
0413100	PL.11251	A	Consumer	14.38Y	119.9	0.00	6.13	0.25	0	4	1	97	0.00	0.0	10.183	0.000	4	1	1	1
PL.7297	PL.11251	A	4ACSR	14.38Y	119.9	0.00	6.13	1.01	1	14	2	99	0.00	0.0	10.239	0.056	0	0	0	5
041390	PL.7297	A	Consumer	14.38Y	119.9	0.00	6.13	0.11	0	2	0	100	0.00	0.0	10.239	0.000	2	0	1	1
0413177	PL.7297	A	Consumer	14.38Y	119.9	0.00	6.13	0.00	0	0	0	100	0.00	0.0	10.239	0.000	0	0	1	1
0413104	PL.7297	A	Consumer	14.38Y	119.9	0.00	6.13	0.44	0	6	1	99	0.00	0.0	10.239	0.000	6	1	1	1
0413113	PL.7297	A	Consumer	14.38Y	119.9	0.00	6.13	0.37	0	5	1	98	0.00	0.0	10.239	0.000	5	1	1	1
041388	PL.7297	A	Consumer	14.38Y	119.9	0.00	6.13	0.09	0	1	0	100	0.00	0.0	10.239	0.000	1	0	1	1
041384	PL.11250	A	Consumer	14.38Y	119.9	0.00	6.13	0.83	0	12	2	99	0.00	0.0	10.130	0.000	12	2	1	1
0413128	PL.11250	A	Consumer	14.38Y	119.9	0.00	6.13	0.00	0	0	0	100	0.00	0.0	10.130	0.000	0	0	0	0
0413107	PL.11250	A	Consumer	14.38Y	119.9	0.00	6.13	0.29	0	4	1	97	0.00	0.0	10.130	0.000	4	1	1	1
0413190	PL.11255	A	Consumer	14.39Y	119.9	0.00	6.12	0.01	0	0	0	100	0.00	0.0	10.033	0.000	0	0	1	1
0413102	PL.11255	A	Consumer	14.39Y	119.9	0.00	6.12	0.04	0	1	0	100	0.00	0.0	10.033	0.000	1	0	1	1
041389	PL.11252	A	Consumer	14.39Y	119.9	0.00	6.11	0.01	0	0	0	100	0.00	0.0	9.968	0.000	0	0	1	1
PL.18139	PL.18141	A	4ACSR	14.39Y	119.9	0.00	6.09	10.35	5	147	24	99	0.00	0.0	9.793	0.008	0	0	0	45
PD.474-A	PL.18139	A	Closed	14.39Y	119.9	0.00	6.09	10.35	0	147	24	99	0.00	0.0	9.793	0.000	0	0	0	45

Unbalanced Voltage Drop Report
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Title:
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements like PD.474-B, PL.18140, PL.20238, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts					Thru KW	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	Thru KVAR										
0413148	PL.19787	A	Consumer	14.38Y	119.9	0.00	6.14	0.79	0	11	2	98	0.00	0.0	10.155	0.000	11	2	1	1	
041357	PL.19787	A	Consumer	14.38Y	119.9	0.00	6.14	0.51	0	7	1	99	0.00	0.0	10.155	0.000	7	1	1	1	
041361	PL.19787	A	Consumer	14.38Y	119.9	0.00	6.14	0.00	0	0	0	100	0.00	0.0	10.155	0.000	0	0	1	1	
0413147	PL.19787	A	Consumer	14.38Y	119.9	0.00	6.14	1.06	0	15	2	99	0.00	0.0	10.155	0.000	15	2	1	1	
PL.6838	PL.19787	A	4ACSR	14.38Y	119.9	0.00	6.14	0.28	0	4	1	97	0.00	0.0	10.210	0.055	0	0	0	4	
041360	PL.6838	A	Consumer	14.38Y	119.9	0.00	6.14	0.27	0	4	1	97	0.00	0.0	10.210	0.000	4	1	1	1	
0413115	PL.6838	A	Consumer	14.38Y	119.9	0.00	6.14	0.00	0	0	0	100	0.00	0.0	10.210	0.000	0	0	1	1	
PL.6831	PL.6838	A	4ACSR	14.38Y	119.9	0.00	6.14	0.01	0	0	0	100	0.00	0.0	10.317	0.107	0	0	0	2	
041386	PL.6831	A	Consumer	14.38Y	119.9	0.00	6.14	0.01	0	0	0	100	0.00	0.0	10.317	0.000	0	0	1	1	
041377	PL.6831	A	Consumer	14.38Y	119.9	0.00	6.14	0.00	0	0	0	100	0.00	0.0	10.317	0.000	0	0	1	1	
041380	PL.19786	A	Consumer	14.38Y	119.9	0.00	6.14	0.49	0	7	1	99	0.00	0.0	10.116	0.000	7	1	1	1	
041379	PL.19786	A	Consumer	14.38Y	119.9	0.00	6.14	0.20	0	3	0	100	0.00	0.0	10.116	0.000	3	0	1	1	
041369	PL.19786	A	Consumer	14.38Y	119.9	0.00	6.14	0.00	0	0	0	100	0.00	0.0	10.116	0.000	0	0	1	1	
0413198	PL.19786	A	Consumer	14.38Y	119.9	0.00	6.14	0.19	0	3	0	100	0.00	0.0	10.116	0.000	3	0	1	1	
PL.6825	PL.6836	A	4ACSR	14.38Y	119.9	0.00	6.14	1.07	1	15	2	99	0.00	0.0	10.108	0.039	0	0	0	4	
PL.6826	PL.6825	A	4ACSR	14.38Y	119.9	0.00	6.14	1.07	1	15	2	99	0.00	0.0	10.163	0.056	0	0	0	4	
PL.6824	PL.6826	A	4ACSR	14.38Y	119.9	0.00	6.14	0.63	0	9	1	99	0.00	0.0	10.202	0.039	0	0	0	2	
PL.11247	PL.6824	A	4ACSR	14.38Y	119.9	0.00	6.14	0.63	0	9	1	99	0.00	0.0	10.240	0.038	0	0	0	2	
0413234	PL.11247	A	Consumer	14.38Y	119.9	0.00	6.14	0.00	0	0	0	100	0.00	0.0	10.240	0.000	0	0	0	0	
PL.11248	PL.11247	A	4ACSR	14.38Y	119.9	0.00	6.14	0.63	0	9	1	99	0.00	0.0	10.284	0.043	0	0	0	2	
041378	PL.11248	A	Consumer	14.38Y	119.9	0.00	6.14	0.61	0	9	1	99	0.00	0.0	10.284	0.000	9	1	1	1	
PL.7303	PL.11248	A	4ACSR	14.38Y	119.9	0.00	6.14	0.03	0	0	0	100	0.00	0.0	10.315	0.031	0	0	0	1	
041368	PL.7303	A	Consumer	14.38Y	119.9	0.00	6.14	0.03	0	0	0	100	0.00	0.0	10.315	0.000	0	0	1	1	
PL.3144	PL.11247	A	4ACSR	14.38Y	119.9	0.00	6.14	0.00	0	0	0	100	0.00	0.0	10.270	0.030	0	0	0	0	
041383	PL.6826	A	Consumer	14.38Y	119.9	0.00	6.14	0.02	0	0	0	100	0.00	0.0	10.163	0.000	0	0	1	1	
041372	PL.6826	A	Consumer	14.38Y	119.9	0.00	6.14	0.41	0	6	1	99	0.00	0.0	10.163	0.000	6	1	1	1	
041364	PL.6836	A	Consumer	14.38Y	119.9	0.00	6.14	0.96	0	14	2	99	0.00	0.0	10.069	0.000	14	2	1	1	
041359	PL.6836	A	Consumer	14.38Y	119.9	0.00	6.14	0.60	0	8	1	99	0.00	0.0	10.069	0.000	8	1	1	1	
0413150	PL.6837	A	Consumer	14.38Y	119.9	0.00	6.13	0.00	0	0	0	100	0.00	0.0	10.027	0.000	0	0	0	0	
0413158	PL.6837	A	Consumer	14.38Y	119.9	0.00	6.13	0.09	0	1	0	100	0.00	0.0	10.027	0.000	1	0	1	1	
041365	PL.6837	A	Consumer	14.38Y	119.9	0.00	6.13	0.75	0	11	2	98	0.00	0.0	10.027	0.000	11	2	1	1	
0413135	PL.6837	A	Consumer	14.38Y	119.9	0.00	6.13	0.31	0	4	1	97	0.00	0.0	10.027	0.000	4	1	1	1	
PL.7299	PL.18140	A	4ACSR	14.39Y	119.9	0.00	6.11	0.77	0	11	2	98	0.00	0.0	9.987	0.078	0	0	0	5	
041347	PL.7299	A	Consumer	14.39Y	119.9	0.00	6.11	0.03	0	0	0	100	0.00	0.0	9.987	0.000	0	0	1	1	
041343	PL.7299	A	Consumer	14.39Y	119.9	0.00	6.11	0.30	0	4	1	97	0.00	0.0	9.987	0.000	4	1	1	1	
PL.7300	PL.7299	A	4ACSR	14.39Y	119.9	0.00	6.11	0.44	0	6	1	99	0.00	0.0	10.061	0.074	0	0	0	3	
PL.7298	PL.7300	A	4ACSR	14.39Y	119.9	0.00	6.11	0.41	0	6	1	99	0.00	0.0	10.116	0.055	0	0	0	1	
041345	PL.7298	A	Consumer	14.39Y	119.9	0.00	6.11	0.41	0	6	1	99	0.00	0.0	10.116	0.000	6	1	1	1	

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
0413108	PL.7300	A	Consumer	14.39Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	10.061	0.000	0	0	1	1
0413195	PL.7300	A	Consumer	14.39Y	119.9	0.00	6.11	0.03	0	0	0	100	0.00	0.0	10.061	0.000	0	0	1	1
041338	PL.18140	A	Consumer	14.39Y	119.9	0.00	6.11	0.00	0	0	0	100	0.00	0.0	9.909	0.000	0	0	1	1
PL.7322	PL.18141	A	4ACSR	14.39Y	119.9	0.01	6.09	3.12	2	44	7	99	0.00	0.0	9.880	0.095	0	0	0	15
0413208	PL.7322	A	Consumer	14.39Y	119.9	0.00	6.09	0.99	0	14	2	99	0.00	0.0	9.880	0.000	14	2	1	1
PL.7323	PL.7322	A	4ACSR	14.39Y	119.9	0.00	6.09	2.12	1	30	5	99	0.00	0.0	9.953	0.073	0	0	0	14
PL.7302	PL.7323	A	4ACSR	14.39Y	119.9	0.00	6.09	1.09	1	15	3	98	0.00	0.0	10.023	0.070	0	0	0	10
PL.7301	PL.7302	A	4ACSR	14.39Y	119.9	0.00	6.10	0.57	0	8	1	99	0.00	0.0	10.079	0.056	0	0	0	8
041373	PL.7301	A	Consumer	14.39Y	119.9	0.00	6.10	0.00	0	0	0	100	0.00	0.0	10.079	0.000	0	0	1	1
0413114	PL.7301	A	Consumer	14.39Y	119.9	0.00	6.10	0.05	0	1	0	100	0.00	0.0	10.079	0.000	1	0	1	1
041374	PL.7301	A	Consumer	14.39Y	119.9	0.00	6.10	0.02	0	0	0	100	0.00	0.0	10.079	0.000	0	0	1	1
PL.7294	PL.7301	A	4ACSR	14.39Y	119.9	0.00	6.10	0.50	0	7	1	99	0.00	0.0	10.134	0.055	0	0	0	5
0413111	PL.7294	A	Consumer	14.39Y	119.9	0.00	6.10	0.00	0	0	0	100	0.00	0.0	10.134	0.000	0	0	1	1
0413112	PL.7294	A	Consumer	14.39Y	119.9	0.00	6.10	0.00	0	0	0	100	0.00	0.0	10.134	0.000	0	0	1	1
041375	PL.7294	A	Consumer	14.39Y	119.9	0.00	6.10	0.00	0	0	0	100	0.00	0.0	10.134	0.000	0	0	1	1
041394	PL.7294	A	Consumer	14.39Y	119.9	0.00	6.10	0.01	0	0	0	100	0.00	0.0	10.134	0.000	0	0	1	1
041399	PL.7294	A	Consumer	14.39Y	119.9	0.00	6.10	0.49	0	7	1	99	0.00	0.0	10.134	0.000	7	1	1	1
0413119	PL.7302	A	Consumer	14.39Y	119.9	0.00	6.09	0.05	0	1	0	100	0.00	0.0	10.023	0.000	1	0	1	1
0413109	PL.7302	A	Consumer	14.39Y	119.9	0.00	6.09	0.47	0	7	1	99	0.00	0.0	10.023	0.000	7	1	1	1
0413106	PL.7323	A	Consumer	14.39Y	119.9	0.00	6.09	0.78	0	11	2	98	0.00	0.0	9.953	0.000	11	2	1	1
0413218	PL.7323	A	Consumer	14.39Y	119.9	0.00	6.09	0.03	0	0	0	100	0.00	0.0	9.953	0.000	0	0	1	1
0413125	PL.7323	A	Consumer	14.39Y	119.9	0.00	6.09	0.06	0	1	0	100	0.00	0.0	9.953	0.000	1	0	1	1
0413165	PL.7323	A	Consumer	14.39Y	119.9	0.00	6.09	0.16	0	2	0	100	0.00	0.0	9.953	0.000	2	0	1	1
0413231	PL.43096	A	Consumer	14.39Y	119.9	0.00	6.07	0.00	0	0	0	100	0.00	0.0	9.754	0.000	0	0	0	0
PL.18131	PL.18228	C	4ACSR	14.86Y	123.9	0.00	2.13	1.22	1	18	3	99	0.00	0.0	9.546	0.009	0	0	0	4
PD.2006	PL.18131	C	fuse6AMP	14.86Y	123.9	0.00	2.13	1.22	21	18	3	99	0.00	0.0	9.546	0.000	0	0	0	4
PL.20353	PD.2006	C	4ACSR	14.86Y	123.9	0.00	2.13	1.22	1	18	3	99	0.00	0.0	9.573	0.027	0	0	0	4
PL.20352	PL.20353	C	4ACSR	14.86Y	123.9	0.00	2.13	1.20	1	18	3	99	0.00	0.0	9.683	0.110	0	0	0	3
040398	PL.20352	C	Consumer	14.86Y	123.9	0.00	2.13	0.07	0	1	0	100	0.00	0.0	9.683	0.000	1	0	1	1
040332	PL.20352	C	Consumer	14.86Y	123.9	0.00	2.13	0.54	0	8	1	99	0.00	0.0	9.683	0.000	8	1	1	1
040356	PL.20352	C	Consumer	14.86Y	123.9	0.00	2.13	0.60	0	9	1	99	0.00	0.0	9.683	0.000	9	1	1	1
040368	PL.20353	C	Consumer	14.86Y	123.9	0.00	2.13	0.02	0	0	0	100	0.00	0.0	9.573	0.000	0	0	1	1
PL.18628	PL.10844	A	336ACSR	14.41Y	120.1	-0.00	5.94	0.00	0	0	0	100	0.00	0.0	9.492	0.020	0	0	0	0
		B		15.03Y	125.3	0.00	0.73	1.50	0	22	4	99					0	0	0	3
		C		14.87Y	123.9	0.00	2.12	1.55	0	23	4	99					0	0	0	2
PL.18629	PL.18628	A	336ACSR	14.41Y	120.1	-0.00	5.94	0.00	0	0	0	100	0.00	0.0	9.508	0.016	0	0	0	0
		B		15.03Y	125.3	0.00	0.74	1.50	0	22	4	99					0	0	0	3
		C		14.87Y	123.9	0.00	2.12	1.55	0	23	4	99					0	0	0	2
PL.20100	PL.18629	B	4ACSR	15.03Y	125.3	0.00	0.74	1.50	1	22	4	98	0.00	0.0	9.512	0.004	0	0	0	3
PD.2012	PL.20100	B	fuse6AMP	15.03Y	125.3	0.00	0.74	1.50	26	22	4	98	0.00	0.0	9.512	0.000	0	0	0	3

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for various elements like PL.20101, PL.10539, etc.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.6832	PL.19723	C	4ACSR	14.90Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	9.099	0.063	0	0	0	1
041202	PL.6832	C	Consumer	14.90Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	9.099	0.000	0	0	1	1
PL.3191	PL.19723	C	4ACSR	14.90Y	124.2	0.00	1.80	1.22	1	18	3	99	0.00	0.0	9.093	0.056	0	0	0	2
041206	PL.3191	C	Consumer	14.90Y	124.2	0.00	1.80	0.63	0	9	2	98	0.00	0.0	9.093	0.000	9	2	1	1
0412008	PL.3191	C	Consumer	14.90Y	124.2	0.00	1.80	0.59	0	9	1	99	0.00	0.0	9.093	0.000	9	1	1	1
041205	PL.19723	C	Consumer	14.90Y	124.2	0.00	1.79	0.01	0	0	0	100	0.00	0.0	9.037	0.000	0	0	1	1
0412009	PL.19723	C	Consumer	14.90Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	9.037	0.000	0	0	0	0
041201	PL.27823	C	Consumer	14.91Y	124.2	0.00	1.79	1.03	0	15	2	99	0.00	0.0	8.772	0.000	15	2	1	1
041203	PL.27823	C	Consumer	14.91Y	124.2	0.00	1.79	0.19	0	3	0	100	0.00	0.0	8.772	0.000	3	0	1	1
030913	PL.20029	C	Consumer	14.94Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	7.537	0.000	0	0	1	1
030919	PL.20029	C	Consumer	14.94Y	124.5	0.00	1.50	0.28	0	4	1	97	0.00	0.0	7.537	0.000	4	1	1	1
030909	PL.20029	C	Consumer	14.94Y	124.5	0.00	1.50	0.42	0	6	1	99	0.00	0.0	7.537	0.000	6	1	1	1
030915	PL.10970	C	Consumer	14.94Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	7.477	0.000	0	0	1	1
030916	PL.10970	C	Consumer	14.94Y	124.5	0.00	1.48	0.00	0	0	0	100	0.00	0.0	7.477	0.000	0	0	1	1
030914	PL.10970	C	Consumer	14.94Y	124.5	0.00	1.48	0.03	0	0	0	100	0.00	0.0	7.477	0.000	0	0	1	1
PL.16826	PL.10969	C	4ACSR	14.95Y	124.6	0.00	1.44	1.63	1	24	4	99	0.00	0.0	7.350	0.003	0	0	0	4
PD.1190	PL.16826	C	fuse6AMP	14.95Y	124.6	0.00	1.44	1.63	28	24	4	99	0.00	0.0	7.350	0.000	0	0	0	4
PL.16827	PD.1190	C	4ACSR	14.95Y	124.6	0.00	1.44	1.63	1	24	4	99	0.00	0.0	7.381	0.030	0	0	0	4
030911	PL.16827	C	Consumer	14.95Y	124.6	0.00	1.44	0.00	0	0	0	100	0.00	0.0	7.381	0.000	0	0	1	1
PL.6274	PL.16827	C	4ACSR	14.95Y	124.6	0.00	1.44	1.63	1	24	4	99	0.00	0.0	7.461	0.081	0	0	0	3
PL.6275	PL.6274	C	4ACSR	14.95Y	124.6	0.00	1.44	0.97	0	14	2	99	0.00	0.0	7.481	0.019	0	0	0	1
030908	PL.6275	C	Consumer	14.95Y	124.6	0.00	1.44	0.97	0	14	2	99	0.00	0.0	7.481	0.000	14	2	1	1
030912	PL.6274	C	Consumer	14.95Y	124.6	0.00	1.44	0.33	0	5	1	98	0.00	0.0	7.461	0.000	5	1	1	1
030903	PL.6274	C	Consumer	14.95Y	124.6	0.00	1.44	0.32	0	5	1	98	0.00	0.0	7.461	0.000	5	1	1	1
030918	PL.43748	C	Consumer	14.96Y	124.6	0.00	1.35	0.00	0	0	0	100	0.00	0.0	7.105	0.000	0	0	1	1
030906	PL.43748	C	Consumer	14.96Y	124.6	0.00	1.35	0.00	0	0	0	100	0.00	0.0	7.105	0.000	0	0	1	1
030905	PL.43748	C	Consumer	14.96Y	124.6	0.00	1.35	0.00	0	0	0	100	0.00	0.0	7.105	0.000	0	0	1	1
PL.46093	PL.46096	A	4ACSR	14.73Y	122.8	0.00	3.22	1.38	1	20	3	99	0.00	0.0	6.384	0.024	0	0	0	10
PD.8717	PL.46093	A	fuse6AMP	14.73Y	122.8	0.00	3.22	1.38	24	20	3	99	0.00	0.0	6.384	0.000	0	0	0	10
PL.46094	PD.8717	A	4ACSR	14.73Y	122.8	0.00	3.22	1.38	1	20	3	99	0.00	0.0	6.399	0.016	0	0	0	10
PL.10963	PL.46094	A	4ACSR	14.73Y	122.8	0.00	3.22	1.01	1	15	2	99	0.00	0.0	6.492	0.093	0	0	0	5
031830	PL.10963	A	Consumer	14.73Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	6.492	0.000	0	0	1	1
PL.6281	PL.10963	A	4ACSR	14.73Y	122.8	0.00	3.22	1.01	1	15	2	99	0.00	0.0	6.513	0.021	0	0	0	4
PL.10968	PL.6281	A	4ACSR	14.73Y	122.8	0.00	3.22	0.64	0	9	2	98	0.00	0.0	6.544	0.031	0	0	0	3
031829	PL.10968	A	Consumer	14.73Y	122.8	0.00	3.22	0.22	0	3	1	95	0.00	0.0	6.544	0.000	3	1	1	1
PL.19114	PL.10968	A	4ACSR	14.73Y	122.8	0.00	3.22	0.41	0	6	1	99	0.00	0.0	6.723	0.179	0	0	0	2
PL.19115	PL.19114	A	4ACSR	14.73Y	122.8	0.00	3.23	0.41	0	6	1	99	0.00	0.0	7.080	0.356	0	0	0	2
030920	PL.19115	A	Consumer	14.73Y	122.8	0.00	3.23	0.41	0	6	1	99	0.00	0.0	7.080	0.000	6	1	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
030921	PL.19115	A	Consumer	14.73Y	122.8	0.00	3.23	0.00	0	0	0	100	0.00	0.0	7.080	0.000	0	0	1	1
031831	PL.6281	A	Consumer	14.73Y	122.8	0.00	3.22	0.38	0	5	1	98	0.00	0.0	6.513	0.000	5	1	1	1
PL.10964	PL.46094	A	4ACSR	14.73Y	122.8	0.00	3.22	0.37	0	5	1	98	0.00	0.0	6.439	0.039	0	0	0	5
PL.10965	PL.10964	A	4ACSR	14.73Y	122.8	0.00	3.22	0.01	0	0	0	100	0.00	0.0	6.493	0.055	0	0	0	1
031901	PL.10965	A	Consumer	14.73Y	122.8	0.00	3.22	0.01	0	0	0	100	0.00	0.0	6.493	0.000	0	0	1	1
PL.1817	PL.10964	A	4ACSR	14.73Y	122.8	0.00	3.22	0.36	0	5	1	98	0.00	0.0	6.466	0.027	0	0	0	4
PL.29891	PL.1817	A	4ACSR	14.73Y	122.8	0.00	3.22	0.36	0	5	1	98	0.00	0.0	6.497	0.032	0	0	0	4
PL.29892	PL.29891	A	4ACSR	14.73Y	122.8	0.00	3.22	0.36	0	5	1	98	0.00	0.0	6.631	0.134	0	0	0	4
031832	PL.29892	A	Consumer	14.73Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	6.631	0.000	0	0	1	1
PL.10967	PL.29892	A	4ACSR	14.73Y	122.8	0.00	3.22	0.36	0	5	1	98	0.00	0.0	6.633	0.003	0	0	0	3
PL.45351	PL.10967	A	4ACSR	14.73Y	122.8	0.00	3.22	0.36	0	5	1	98	0.00	0.0	6.697	0.063	0	0	0	3
PL.45352	PL.45351	A	4ACSR	14.73Y	122.8	0.00	3.22	0.35	0	5	1	98	0.00	0.0	6.725	0.028	0	0	0	2
0318035	PL.45352	A	Consumer	14.73Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	6.725	0.000	0	0	1	1
PL.6282	PL.45352	A	4ACSR	14.73Y	122.8	0.00	3.22	0.34	0	5	1	98	0.00	0.0	6.842	0.117	0	0	0	1
PL.6283	PL.6282	A	4ACSR	14.73Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	6.915	0.073	0	0	0	0
031833	PL.6282	A	Consumer	14.73Y	122.8	0.00	3.22	0.34	0	5	1	98	0.00	0.0	6.842	0.000	5	1	1	1
0318034	PL.45351	A	Consumer	14.73Y	122.8	0.00	3.22	0.01	0	0	0	100	0.00	0.0	6.697	0.000	0	0	1	1
031902	PL.10964	A	Consumer	14.73Y	122.8	0.00	3.22	0.00	0	0	0	100	0.00	0.0	6.439	0.000	0	0	0	0
PL.16829	PL.18368	C	4ACSR	14.97Y	124.8	0.00	1.24	0.27	0	4	1	97	0.00	0.0	3.713	0.006	0	0	0	1
PD.1183	PL.16829	C	fuse6AMP	14.97Y	124.8	0.00	1.24	0.27	5	4	1	97	0.00	0.0	3.713	0.000	0	0	0	1
PL.16830	PD.1183	C	4ACSR	14.97Y	124.8	0.00	1.24	0.27	0	4	1	97	0.00	0.0	3.782	0.069	0	0	0	1
031714	PL.16830	C	Consumer	14.97Y	124.8	0.00	1.24	0.27	0	4	1	97	0.00	0.0	3.782	0.000	4	1	1	1
PL.1595	PL.24636	A	4ACSR	14.87Y	123.9	0.00	2.08	0.01	0	0	0	100	0.00	0.0	2.352	0.034	0	0	0	1
032634	PL.1595	A	Consumer	14.87Y	123.9	0.00	2.08	0.01	0	0	0	100	0.00	0.0	2.352	0.000	0	0	1	1
032624	PL.24636	A	Consumer	14.87Y	123.9	0.00	2.08	0.62	0	9	1	99	0.00	0.0	2.318	0.000	9	1	1	1
PL.18674	PL.9673	C	4ACSR	15.04Y	125.4	0.00	0.64	6.98	4	104	17	99	0.00	0.0	2.155	0.016	0	0	0	25
PD.3403	PL.18674	C	25V4E	15.04Y	125.4	0.00	0.64	6.98	28	104	17	99	0.00	0.0	2.155	0.000	0	0	0	25
PL.18675	PD.3403	C	4ACSR	15.04Y	125.3	0.01	0.66	6.98	4	104	17	99	0.01	0.0	2.234	0.079	0	0	0	25
PL.9674	PL.18675	C	4ACSR	15.04Y	125.3	0.00	0.66	0.92	0	14	2	99	0.00	0.0	2.320	0.085	0	0	0	3
PL.1586	PL.9674	C	4ACSR	15.04Y	125.3	0.00	0.66	0.48	0	7	1	99	0.00	0.0	2.394	0.075	0	0	0	2
032633	PL.1586	C	Consumer	15.04Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	2.394	0.000	0	0	1	1
032629	PL.1586	C	Consumer	15.04Y	125.3	0.00	0.66	0.48	0	7	1	99	0.00	0.0	2.394	0.000	7	1	1	1
PL.9675	PL.9674	C	4ACSR	15.04Y	125.3	0.00	0.66	0.44	0	6	1	99	0.00	0.0	2.400	0.081	0	0	0	1
PL.45430	PL.9675	C	2ACSR	15.04Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	2.463	0.063	0	0	0	0
0326040	PL.45430	C	Consumer	15.04Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	2.463	0.000	0	0	0	0
032625	PL.9675	C	Consumer	15.04Y	125.3	0.00	0.66	0.44	0	6	1	99	0.00	0.0	2.400	0.000	6	1	1	1
PL.9676	PL.18675	C	4ACSR	15.04Y	125.3	0.02	0.68	6.06	3	90	15	99	0.01	0.0	2.396	0.161	0	0	0	22
PL.1587	PL.9676	C	4ACSR	15.04Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.488	0.092	0	0	0	0

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
032616	PL.1587	C	Consumer	15.04Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.488	0.000	0	0	0	0
032623	PL.9676	C	Consumer	15.04Y	125.3	0.00	0.68	0.00	0	0	0	100	0.00	0.0	2.396	0.000	0	0	0	0
PL.9677	PL.9676	C	4ACSR	15.04Y	125.3	0.01	0.69	6.06	3	90	15	99	0.01	0.0	2.460	0.064	0	0	0	22
PL.1588	PL.9677	C	4ACSR	15.04Y	125.3	0.00	0.69	0.17	0	3	0	100	0.00	0.0	2.561	0.102	0	0	0	2
032627	PL.1588	C	Consumer	15.04Y	125.3	0.00	0.69	0.17	0	3	0	100	0.00	0.0	2.561	0.000	3	0	1	1
032626	PL.1588	C	Consumer	15.04Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	2.561	0.000	0	0	1	1
PL.9678	PL.9677	C	4ACSR	15.04Y	125.3	0.01	0.69	5.88	3	87	14	99	0.00	0.0	2.514	0.054	0	0	0	20
PL.21582	PL.9678	C	4ACSR	15.04Y	125.3	0.00	0.70	5.88	3	87	14	99	0.00	0.0	2.540	0.026	0	0	0	20
PL.21583	PL.21582	C	4ACSR	15.04Y	125.3	0.00	0.70	5.88	3	87	14	99	0.00	0.0	2.540	0.000	0	0	0	20
PL.22264	PL.21583	C	4ACSR	15.04Y	125.3	0.01	0.70	5.88	3	87	14	99	0.00	0.0	2.599	0.059	0	0	0	20
PL.19924	PL.22264	C	4ACSR	15.03Y	125.3	0.01	0.71	3.40	2	50	8	99	0.00	0.0	2.722	0.123	0	0	0	12
PL.19925	PL.19924	C	4ACSR	15.03Y	125.3	0.01	0.72	3.02	2	45	7	99	0.00	0.0	2.848	0.127	0	0	0	11
PL.1820	PL.19925	C	4ACSR	15.03Y	125.3	0.00	0.72	0.81	0	12	2	99	0.00	0.0	2.920	0.071	0	0	0	1
033607	PL.1820	C	Consumer	15.03Y	125.3	0.00	0.72	0.81	0	12	2	99	0.00	0.0	2.920	0.000	12	2	1	1
PL.9680	PL.19925	C	4ACSR	15.03Y	125.3	0.00	0.72	2.21	1	33	5	99	0.00	0.0	2.913	0.064	0	0	0	10
PL.4868	PL.9680	C	4ACSR	15.03Y	125.3	0.01	0.73	2.21	1	33	5	99	0.00	0.0	3.072	0.159	0	0	0	10
033608	PL.4868	C	Consumer	15.03Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	3.072	0.000	0	0	0	0
033603	PL.4868	C	Consumer	15.03Y	125.3	0.00	0.73	0.25	0	4	1	97	0.00	0.0	3.072	0.000	4	1	1	1
PL.9683	PL.4868	C	4ACSR	15.03Y	125.3	0.00	0.73	1.96	1	29	5	99	0.00	0.0	3.121	0.049	0	0	0	9
PL.19260	PL.9683	C	4ACSR	15.03Y	125.3	0.00	0.74	1.25	1	19	3	99	0.00	0.0	3.168	0.046	0	0	0	8
033614	PL.19260	C	Consumer	15.03Y	125.3	0.00	0.74	0.05	0	1	0	100	0.00	0.0	3.168	0.000	1	0	1	1
PL.19261	PL.19260	C	4ACSR	15.03Y	125.3	0.00	0.74	1.20	1	18	3	99	0.00	0.0	3.219	0.052	0	0	0	7
PL.9681	PL.19261	C	4ACSR	15.03Y	125.3	0.00	0.74	1.06	1	16	3	98	0.00	0.0	3.279	0.060	0	0	0	6
PL.23833	PL.9681	C	4ACSR	15.03Y	125.3	0.00	0.74	0.18	0	3	0	100	0.00	0.0	3.338	0.059	0	0	0	1
033619	PL.23833	C	Consumer	15.03Y	125.3	0.00	0.74	0.18	0	3	0	100	0.00	0.0	3.338	0.000	3	0	1	1
PL.9682	PL.9681	C	4ACSR	15.03Y	125.3	0.00	0.74	0.88	0	13	2	99	0.00	0.0	3.500	0.221	0	0	0	5
PL.4866	PL.9682	C	4ACSR	15.03Y	125.3	0.00	0.74	0.83	0	12	2	99	0.00	0.0	3.559	0.059	0	0	0	4
033616	PL.4866	C	Consumer	15.03Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	3.559	0.000	0	0	1	1
PL.5775	PL.4866	C	4ACSR	15.03Y	125.3	0.00	0.74	0.83	0	12	2	99	0.00	0.0	3.616	0.056	0	0	0	3
034644	PL.5775	C	Consumer	15.03Y	125.3	0.00	0.74	0.00	0	0	0	100	0.00	0.0	3.616	0.000	0	0	0	0
PL.5774	PL.5775	C	4ACSR	15.03Y	125.3	0.00	0.74	0.77	0	11	2	98	0.00	0.0	3.660	0.045	0	0	0	1
034643	PL.5774	C	Consumer	15.03Y	125.3	0.00	0.74	0.77	0	11	2	98	0.00	0.0	3.660	0.000	11	2	1	1
PL.23832	PL.5775	C	4ACSR	15.03Y	125.3	0.00	0.74	0.05	0	1	0	100	0.00	0.0	3.629	0.014	0	0	0	2
PL.24656	PL.23832	C	4ACSR	15.03Y	125.3	0.00	0.74	0.05	0	1	0	100	0.00	0.0	3.680	0.051	0	0	0	2
PL.24657	PL.24656	C	4ACSR	15.03Y	125.3	0.00	0.74	0.04	0	1	0	100	0.00	0.0	3.704	0.024	0	0	0	1
034527	PL.24657	C	Consumer	15.03Y	125.3	0.00	0.74	0.04	0	1	0	100	0.00	0.0	3.704	0.000	1	0	1	1
034534	PL.24656	C	Consumer	15.03Y	125.3	0.00	0.74	0.01	0	0	0	100	0.00	0.0	3.680	0.000	0	0	1	1
033617	PL.9682	C	Consumer	15.03Y	125.3	0.00	0.74	0.05	0	1	0	100	0.00	0.0	3.500	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru % Amps	% Cap	Thru KW	% KVAR	% PF	kW Loss							% Loss
033618	PL.19261	C	Consumer	15.03Y	125.3	0.00	0.74	0.13	0	2	0	100	0.00	0.0	3.219	0.000	2	0	1	1
033615	PL.9683	C	Consumer	15.03Y	125.3	0.00	0.73	0.71	0	10	2	98	0.00	0.0	3.121	0.000	10	2	1	1
033606	PL.19924	C	Consumer	15.03Y	125.3	0.00	0.71	0.38	0	6	1	99	0.00	0.0	2.722	0.000	6	1	1	1
PL.24512	PL.22264	C	4ACSR	15.04Y	125.3	0.00	0.71	2.48	1	37	6	99	0.00	0.0	2.670	0.072	0	0	0	8
PL.19617	PL.24512	C	4ACSR	15.03Y	125.3	0.01	0.71	2.32	1	34	6	98	0.00	0.0	2.809	0.139	0	0	0	7
033604	PL.19617	C	Consumer	15.03Y	125.3	0.00	0.71	0.25	0	4	1	97	0.00	0.0	2.809	0.000	4	1	1	1
PL.19618	PL.19617	C	4ACSR	15.03Y	125.3	0.00	0.72	2.07	1	31	5	99	0.00	0.0	2.911	0.102	0	0	0	6
PL.8578	PL.19618	C	4ACSR	15.03Y	125.3	0.00	0.72	2.07	1	31	5	99	0.00	0.0	2.938	0.027	0	0	0	6
PL.27867	PL.8578	C	4ACSR	15.03Y	125.3	0.01	0.73	2.07	1	31	5	99	0.00	0.0	3.197	0.258	0	0	0	6
PL.35139	PL.27867	C	4ACSR	15.03Y	125.3	0.00	0.73	0.41	0	6	1	99	0.00	0.0	3.341	0.145	0	0	0	4
PL.35138	PL.35139	C	2ACSR	15.03Y	125.3	0.00	0.73	0.39	0	6	1	99	0.00	0.0	3.374	0.033	0	0	0	1
0335009	PL.35138	C	Consumer	15.03Y	125.3	0.00	0.73	0.39	0	6	1	99	0.00	0.0	3.374	0.000	6	1	1	1
PL.35140	PL.35139	C	4ACSR	15.03Y	125.3	0.00	0.73	0.02	0	0	0	100	0.00	0.0	3.373	0.031	0	0	0	3
PL.29899	PL.35140	C	4ACSR	15.03Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	3.491	0.118	0	0	0	2
PL.29900	PL.29899	C	4ACSR	15.03Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	3.710	0.220	0	0	0	1
033504	PL.29900	C	Consumer	15.03Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	3.710	0.000	0	0	1	1
0335008	PL.29899	C	Consumer	15.03Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	3.491	0.000	0	0	1	1
PL.23865	PL.35140	C	4ACSR	15.03Y	125.3	0.00	0.73	0.00	0	0	0	100	0.00	0.0	3.430	0.057	0	0	0	0
033503	PL.35140	C	Consumer	15.03Y	125.3	0.00	0.73	0.02	0	0	0	100	0.00	0.0	3.373	0.000	0	0	1	1
033507	PL.27867	C	Consumer	15.03Y	125.3	0.00	0.73	0.95	0	14	2	99	0.00	0.0	3.197	0.000	14	2	1	1
033506	PL.27867	C	Consumer	15.03Y	125.3	0.00	0.73	0.71	0	11	2	98	0.00	0.0	3.197	0.000	11	2	1	1
033601	PL.24512	C	Consumer	15.04Y	125.3	0.00	0.71	0.16	0	2	0	100	0.00	0.0	2.670	0.000	2	0	1	1
PL.16836	PL.28019	A	4ACSR	14.90Y	124.2	0.00	1.79	0.39	0	6	1	99	0.00	0.0	2.054	0.004	0	0	0	2
PD.1187	PL.16836	A	fuse6AMP	14.90Y	124.2	0.00	1.79	0.39	7	6	1	99	0.00	0.0	2.054	0.000	0	0	0	2
PL.16837	PD.1187	A	4ACSR	14.90Y	124.2	0.00	1.79	0.39	0	6	1	99	0.00	0.0	2.145	0.091	0	0	0	2
032617	PL.16837	A	Consumer	14.90Y	124.2	0.00	1.79	0.33	0	5	1	98	0.00	0.0	2.145	0.000	5	1	1	1
032631	PL.16837	A	Consumer	14.90Y	124.2	0.00	1.79	0.06	0	1	0	100	0.00	0.0	2.145	0.000	1	0	1	1
032618	PL.19287	B	Consumer	15.13Y	126.1	0.00	-0.11	0.00	0	0	0	100	0.00	0.0	1.953	0.000	0	0	1	1
PL.16838	PL.9672	A	4ACSR	14.92Y	124.3	0.00	1.66	0.33	0	5	1	98	0.00	0.0	1.830	0.007	0	0	0	3
PD.1188	PL.16838	A	fuse6AMP	14.92Y	124.3	0.00	1.66	0.33	6	5	1	98	0.00	0.0	1.830	0.000	0	0	0	3
PL.16839	PD.1188	A	4ACSR	14.92Y	124.3	0.00	1.66	0.33	0	5	1	98	0.00	0.0	1.914	0.084	0	0	0	3
PL.24635	PL.16839	A	4ACSR	14.92Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	2.278	0.364	0	0	0	0
032601	PL.24635	A	Consumer	14.92Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	2.278	0.000	0	0	0	0
032620	PL.16839	A	Consumer	14.92Y	124.3	0.00	1.66	0.18	0	3	0	100	0.00	0.0	1.914	0.000	3	0	1	1
032602	PL.16839	A	Consumer	14.92Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	1.914	0.000	0	0	1	1
032614	PL.16839	A	Consumer	14.92Y	124.3	0.00	1.66	0.14	0	2	0	100	0.00	0.0	1.914	0.000	2	0	1	1
PL.18048	PL.9671	A	4ACSR	14.94Y	124.5	0.00	1.47	0.23	0	3	1	95	0.00	0.0	1.488	0.006	0	0	0	1
PD.1201	PL.18048	A	fuse6AMP	14.94Y	124.5	0.00	1.47	0.23	4	3	1	95	0.00	0.0	1.488	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' and '-Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: FRENCHBURG

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Units Displayed In Volts																				
-Base Voltage:120.0-																				
Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	mi From Src	Length (mi)	-----Element-----			
																Cons	Cons	On	Thru	
032457	PL.27340	A	Consumer	15.05Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	0.020	0.000	0	0	0	0
032487	PL.27340	A	Consumer	15.05Y	125.4	0.00	0.58	0.71	0	11	2	98	0.00	0.0	0.020	0.000	11	2	1	1

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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	10227	0	0	0	0	0	372		0.00	10599
KVAR	2388	0	-650	-56	0	0	406			2088

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 118.84 volts on PL.40908	7.16 volts on PL.40908	0.98 volts on PL.40593
B-Phase -> 119.67 volts on PL.23609	6.33 volts on PL.23609	0.77 volts on PL.20745
C-Phase -> 122.09 volts on PL.6025	3.91 volts on PL.6025	0.37 volts on PL.9727

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for HARDWICH'S C..., OH22, Feeder No. 3 (HARDWICK3), and various load elements like OCD41, OH40, OH24, SW26-B, OH23, PL.12726, PL.15315, PD.2112, PL.15316, 074514, 0745044, PL.12727, PL.12724, PL.12725, PL.15057, PD.2113, PL.15058, 073517, PL.46028, PL.46027, 0734078, PL.46029.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
074464	PL.46029	B	Consumer	7.52Y	125.3	0.00	0.74	0.28	0	2	1	89	0.00	0.0	1.363	0.000	2	1	1	1
PL.24447	PL.46029	B	4ACSR	7.51Y	125.2	0.01	0.75	1.99	1	14	5	94	0.00	0.0	1.480	0.118	0	0	0	2
073420	PL.24447	B	Consumer	7.51Y	125.2	0.00	0.75	0.80	0	6	2	95	0.00	0.0	1.480	0.000	6	2	1	1
073455	PL.24447	B	Consumer	7.51Y	125.2	0.00	0.75	1.19	0	8	3	94	0.00	0.0	1.480	0.000	8	3	1	1
PL.12775	PL.46029	A	336ACSR	7.53Y	125.5	0.04	0.47	54.20	7	382	145	93	0.42	0.0	1.506	0.143	0	0	0	74
		B		7.51Y	125.2	0.07	0.81	55.46	8	390	147	94					0	0	0	82
		C		7.50Y	125.1	0.09	0.94	68.17	9	475	191	93					0	0	0	72
074446	PL.12775	B	Consumer	7.51Y	125.2	0.00	0.81	0.00	0	0	0	100	0.00	0.0	1.506	0.000	0	0	0	0
074428	PL.12775	B	Consumer	7.51Y	125.2	0.00	0.81	1.52	0	11	4	94	0.00	0.0	1.506	0.000	11	4	1	1
PL.12776	PL.12775	A	4ACSR	7.52Y	125.3	0.21	0.68	54.20	28	382	145	93	0.59	0.2	1.591	0.084	0	0	0	74
PL.25289	PL.12776	A	4ACSR	7.51Y	125.2	0.13	0.81	52.56	27	370	140	94	0.37	0.1	1.646	0.055	0	0	0	73
PL.25290	PL.25289	A	4ACSR	7.49Y	124.8	0.34	1.15	52.56	27	369	140	93	0.93	0.3	1.787	0.141	0	0	0	73
PL.34896	PL.25290	A	4ACSR	7.49Y	124.8	0.00	1.15	6.19	3	43	16	94	0.00	0.0	1.792	0.006	0	0	0	6
C PD.4998	PL.34896	A	fuse6AMP	7.49Y	124.8	0.00	1.15	6.19	106	43	16	94	0.00	0.0	1.792	0.000	0	0	0	6 C
PL.34895	PD.4998	A	4ACSR	7.49Y	124.8	0.03	1.19	6.19	3	43	16	94	0.01	0.0	1.903	0.110	0	0	0	6
074415	PL.34895	A	Consumer	7.49Y	124.8	0.00	1.19	1.10	0	8	3	94	0.00	0.0	1.903	0.000	8	3	1	1
074450	PL.34895	A	Consumer	7.49Y	124.8	0.00	1.19	1.45	0	10	4	93	0.00	0.0	1.903	0.000	10	4	1	1
PL.19249	PL.34895	A	4ACSR	7.49Y	124.8	0.02	1.20	3.64	2	26	10	93	0.00	0.0	1.997	0.094	0	0	0	4
PL.27839	PL.19249	A	4ACSR	7.49Y	124.8	0.01	1.22	3.64	2	26	10	93	0.00	0.0	2.086	0.089	0	0	0	4
PL.20887	PL.27839	A	4ACSR	7.49Y	124.8	0.00	1.22	1.21	1	8	3	94	0.00	0.0	2.132	0.046	0	0	0	3
PL.20836	PL.20887	A	4ACSR	7.49Y	124.8	0.01	1.23	1.21	1	8	3	94	0.00	0.0	2.342	0.210	0	0	0	3
PD.511-A	PL.20836	A	Closed	7.49Y	124.8	0.00	1.23	1.21	0	8	3	94	0.00	0.0	2.342	0.000	0	0	0	3
PD.511-B	PD.511-A	A	Closed	7.49Y	124.8	0.00	1.23	1.21	0	8	3	94	0.00	0.0	2.342	0.000	0	0	0	3
PL.15063	PD.511-B	A	4ACSR	7.49Y	124.8	0.00	1.23	1.21	1	8	3	94	0.00	0.0	2.347	0.005	0	0	0	3
PL.12773	PL.15063	A	4ACSR	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.353	0.005	0	0	0	0
PD.512-A	PL.12773	A	Open	7.49Y	124.8	0.00	1.23	0.00	0	0	0	100	0.00	0.0	2.353	0.000	0	0	0	0
074401	PL.15063	A	Consumer	7.49Y	124.8	0.00	1.23	0.32	0	2	1	89	0.00	0.0	2.347	0.000	2	1	1	1
PL.15064	PL.15063	A	4ACSR	7.49Y	124.8	0.00	1.23	0.90	0	6	2	95	0.00	0.0	2.353	0.005	0	0	0	2
PD.2114	PL.15064	A	fuse6AMP	7.49Y	124.8	0.00	1.23	0.90	15	6	2	95	0.00	0.0	2.353	0.000	0	0	0	2
PL.15065	PD.2114	A	4ACSR	7.49Y	124.8	0.00	1.23	0.90	0	6	2	95	0.00	0.0	2.441	0.088	0	0	0	2
074410	PL.15065	A	Consumer	7.49Y	124.8	0.00	1.23	0.52	0	4	1	97	0.00	0.0	2.441	0.000	4	1	1	1
074517	PL.15065	A	Consumer	7.49Y	124.8	0.00	1.23	0.38	0	3	1	95	0.00	0.0	2.441	0.000	3	1	1	1
074459	PL.27839	A	Consumer	7.49Y	124.8	0.00	1.22	2.43	0	17	6	94	0.00	0.0	2.086	0.000	17	6	1	1
PL.34899	PL.25290	A	4ACSR	7.49Y	124.8	0.00	1.16	9.64	5	68	26	93	0.00	0.0	1.795	0.008	0	0	0	14
C PD.5000	PL.34899	A	fuse6AMP	7.49Y	124.8	0.00	1.16	9.64	165	68	26	93	0.00	0.0	1.795	0.000	0	0	0	14 C
PL.34900	PD.5000	A	4ACSR	7.49Y	124.8	0.00	1.16	9.64	5	68	26	93	0.00	0.0	1.804	0.009	0	0	0	14
074447	PL.34900	A	Consumer	7.49Y	124.8	0.00	1.16	0.75	0	5	2	93	0.00	0.0	1.804	0.000	5	2	1	1
074457	PL.34900	A	Consumer	7.49Y	124.8	0.00	1.16	0.04	0	0	0	100	0.00	0.0	1.804	0.000	0	0	1	1
074458	PL.34900	A	Consumer	7.49Y	124.8	0.00	1.16	0.78	0	5	2	93	0.00	0.0	1.804	0.000	5	2	1	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units Displayed In Volts (Accum Drop, Thru Amps, % Cap, Thru KW), % KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR											
074453	PL.8216	A	Consumer	7.48Y	124.7	0.00	1.34	0.67	0	5	2	93	0.00	0.0	1.897	0.000	5	2	1	1		
PL.19044	PL.8216	A	4ACSR	7.48Y	124.6	0.06	1.40	34.02	18	238	90	94	0.11	0.0	1.938	0.040	0	0	0	47		
PL.19045	PL.19044	A	4ACSR	7.47Y	124.5	0.13	1.53	33.26	17	233	88	94	0.22	0.1	2.022	0.084	0	0	0	46		
074407	PL.19045	A	Consumer	7.47Y	124.5	0.00	1.53	1.35	0	9	4	91	0.00	0.0	2.022	0.000	9	4	1	1		
074430	PL.19045	A	Consumer	7.47Y	124.5	0.00	1.53	0.56	0	4	1	97	0.00	0.0	2.022	0.000	4	1	1	1		
074418	PL.19045	A	Consumer	7.47Y	124.5	0.00	1.53	0.37	0	3	1	95	0.00	0.0	2.022	0.000	3	1	1	1		
PL.12779	PL.19045	A	4ACSR	7.46Y	124.4	0.09	1.62	30.98	16	216	82	93	0.15	0.1	2.086	0.064	0	0	0	43		
PL.12780	PL.12779	A	4ACSR	7.45Y	124.2	0.20	1.82	27.94	14	195	74	93	0.29	0.2	2.244	0.158	0	0	0	39		
OH52	PL.12780	A	4ACSR	7.43Y	123.9	0.28	2.10	27.94	14	195	74	93	0.40	0.2	2.460	0.215	0	0	0	39		
PL.32827	OH52	A	4ACSR	7.43Y	123.8	0.05	2.15	27.54	14	192	72	94	0.08	0.0	2.502	0.043	0	0	0	38		
PL.32826	PL.32827	A	4ACSR	7.42Y	123.7	0.17	2.32	27.29	14	190	72	94	0.24	0.1	2.635	0.133	0	0	0	37		
PL.12803	PL.32826	A	4ACSR	7.42Y	123.6	0.05	2.36	26.67	14	185	70	94	0.06	0.0	2.672	0.037	0	0	0	36		
PL.12802	PL.12803	A	4ACSR	7.41Y	123.5	0.09	2.46	26.67	14	185	70	94	0.13	0.1	2.749	0.077	0	0	0	35		
PL.12801	PL.12802	A	4ACSR	7.41Y	123.5	0.08	2.53	25.49	13	177	67	94	0.10	0.1	2.815	0.067	0	0	0	34		
PL.12800	PL.12801	A	4ACSR	7.40Y	123.3	0.12	2.65	24.55	13	170	64	94	0.15	0.1	2.919	0.104	0	0	0	33		
PL.8213	PL.12800	A	4ACSR	7.40Y	123.3	0.05	2.70	23.55	12	163	61	94	0.07	0.0	2.969	0.050	0	0	0	32		
PL.34927	PL.8213	A	4ACSR	7.40Y	123.3	0.04	2.74	22.28	11	154	58	94	0.04	0.0	3.004	0.035	0	0	0	31		
PD.5012-B	PL.34927	A	Closed	7.40Y	123.3	0.00	2.74	22.28	0	154	58	94	0.00	0.0	3.004	0.000	0	0	0	31		
PD.5012-A	PD.5012-B	A	Closed	7.40Y	123.3	0.00	2.74	22.28	0	154	58	94	0.00	0.0	3.004	0.000	0	0	0	31		
PL.34926	PD.5012-A	A	4ACSR	7.39Y	123.2	0.06	2.80	22.28	11	154	58	94	0.07	0.0	3.059	0.055	0	0	0	31		
PL.8208	PL.34926	A	4ACSR	7.39Y	123.1	0.12	2.91	21.09	11	146	55	94	0.13	0.1	3.179	0.120	0	0	0	30		
PL.8267	PL.8208	A	4ACSR	7.38Y	123.0	0.05	2.96	21.09	11	146	55	94	0.05	0.0	3.227	0.048	0	0	0	30		
PL.8268	PL.8267	A	4ACSR	7.38Y	123.0	0.05	3.01	19.77	10	137	51	94	0.05	0.0	3.281	0.054	0	0	0	29		
PL.12799	PL.8268	A	4ACSR	7.38Y	122.9	0.05	3.05	19.25	10	133	50	94	0.05	0.0	3.334	0.053	0	0	0	28		
PL.20503	PL.12799	A	4ACSR	7.38Y	122.9	0.02	3.07	16.84	9	116	44	93	0.02	0.0	3.356	0.022	0	0	0	25		
PL.20502	PL.20503	A	4ACSR	7.37Y	122.9	0.03	3.10	15.93	8	110	41	94	0.03	0.0	3.398	0.042	0	0	0	23		
PL.12798	PL.20502	A	4ACSR	7.37Y	122.9	0.00	3.10	15.77	8	109	41	94	0.00	0.0	3.402	0.004	0	0	0	22		
PL.15084	PL.12798	A	4ACSR	7.37Y	122.8	0.09	3.19	15.77	8	109	41	94	0.07	0.1	3.525	0.123	0	0	0	22		
PD.14-B	PL.15084	A	Closed	7.37Y	122.8	0.00	3.19	15.77	0	109	41	94	0.00	0.0	3.525	0.000	0	0	0	22		
PD.14-A	PD.14-B	A	Closed	7.37Y	122.8	0.00	3.19	15.77	0	109	41	94	0.00	0.0	3.525	0.000	0	0	0	22		
PL.15083	PD.14-A	A	4ACSR	7.37Y	122.8	0.00	3.20	15.77	8	109	41	94	0.00	0.0	3.530	0.005	0	0	0	22		
PL.15082	PL.15083	A	4ACSR	7.36Y	122.7	0.10	3.30	15.77	8	109	41	94	0.08	0.1	3.668	0.138	0	0	0	22		
PL.26242	PL.15082	A	4ACSR	7.36Y	122.6	0.05	3.35	15.77	8	109	41	94	0.04	0.0	3.743	0.075	0	0	0	22		
PL.26241	PL.26242	A	4ACSR	7.35Y	122.6	0.07	3.42	14.88	8	103	39	94	0.05	0.1	3.843	0.100	0	0	0	17		
PL.8251	PL.26241	A	4ACSR	7.35Y	122.6	0.01	3.43	14.88	8	102	39	93	0.01	0.0	3.858	0.014	0	0	0	17		
PL.26240	PL.8251	A	4ACSR	7.35Y	122.5	0.10	3.53	14.88	8	102	39	93	0.08	0.1	4.007	0.149	0	0	0	17		
PL.26239	PL.26240	A	4ACSR	7.34Y	122.4	0.08	3.61	13.93	7	96	36	94	0.06	0.1	4.129	0.123	0	0	0	16		
PL.26238	PL.26239	A	4ACSR	7.34Y	122.4	0.03	3.64	13.11	7	90	34	94	0.02	0.0	4.182	0.053	0	0	0	15		

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts						mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss							% Loss	
PL.26237	PL.26238	A	4ACSR	7.34Y	122.3	0.01	3.65	12.41	6	85	32	94	0.01	0.0	4.207	0.024	0	0	0	14
PL.26236	PL.26237	A	4ACSR	7.34Y	122.3	0.07	3.73	11.58	6	80	30	94	0.05	0.1	4.347	0.141	0	0	0	13
PL.26087	PL.26236	A	4ACSR	7.33Y	122.2	0.03	3.76	7.98	4	55	21	93	0.01	0.0	4.432	0.085	0	0	0	8
PL.26086	PL.26087	A	4ACSR	7.33Y	122.2	0.00	3.76	5.97	3	41	15	94	0.00	0.0	4.448	0.016	0	0	0	6
PL.20090	PL.26086	A	4ACSR	7.33Y	122.2	0.00	3.76	0.00	0	0	0	100	0.00	0.0	4.513	0.065	0	0	0	0
PL.4969	PL.26086	A	4ACSR	7.33Y	122.2	0.01	3.78	2.64	1	18	7	93	0.00	0.0	4.547	0.099	0	0	0	4
PL.4975	PL.4969	A	4ACSR	7.33Y	122.2	0.00	3.78	2.24	1	15	6	93	0.00	0.0	4.579	0.032	0	0	0	3
075468	PL.4975	A	Consumer	7.33Y	122.2	0.00	3.78	1.52	0	10	4	93	0.00	0.0	4.579	0.000	10	4	1	1
PL.4976	PL.4975	A	4ACSR	7.33Y	122.2	0.00	3.78	0.72	0	5	2	93	0.00	0.0	4.616	0.037	0	0	0	2
075444	PL.4976	A	Consumer	7.33Y	122.2	0.00	3.78	0.33	0	2	1	89	0.00	0.0	4.616	0.000	2	1	1	1
075443	PL.4976	A	Consumer	7.33Y	122.2	0.00	3.78	0.39	0	3	1	95	0.00	0.0	4.616	0.000	3	1	1	1
075438	PL.4969	A	Consumer	7.33Y	122.2	0.00	3.78	0.39	0	3	1	95	0.00	0.0	4.547	0.000	3	1	1	1
PL.34914	PL.26086	A	4ACSR	7.33Y	122.2	0.00	3.76	3.34	2	23	9	93	0.00	0.0	4.452	0.004	0	0	0	2
PD.5006	PL.34914	A	fuse6AMP	7.33Y	122.2	0.00	3.76	3.34	57	23	9	93	0.00	0.0	4.452	0.000	0	0	0	2
PL.34915	PD.5006	A	4ACSR	7.33Y	122.2	0.01	3.78	3.34	2	23	9	93	0.00	0.0	4.524	0.072	0	0	0	2
075456	PL.34915	A	Consumer	7.33Y	122.2	0.00	3.78	1.66	0	11	4	94	0.00	0.0	4.524	0.000	11	4	1	1
075455	PL.34915	A	Consumer	7.33Y	122.2	0.00	3.78	1.68	0	11	4	94	0.00	0.0	4.524	0.000	11	4	1	1
075402	PL.26087	A	Consumer	7.33Y	122.2	0.00	3.76	0.50	0	3	1	95	0.00	0.0	4.432	0.000	3	1	1	1
075428	PL.26087	A	Consumer	7.33Y	122.2	0.00	3.76	1.51	0	10	4	93	0.00	0.0	4.432	0.000	10	4	1	1
PL.34918	PL.26236	A	4ACSR	7.34Y	122.3	0.00	3.73	1.12	1	8	3	94	0.00	0.0	4.364	0.016	0	0	0	1
PD.5008	PL.34918	A	fuse6AMP	7.34Y	122.3	0.00	3.73	1.12	19	8	3	94	0.00	0.0	4.364	0.000	0	0	0	1
PL.34919	PD.5008	A	4ACSR	7.34Y	122.3	0.00	3.73	1.12	1	8	3	94	0.00	0.0	4.435	0.071	0	0	0	1
075458	PL.34919	A	Consumer	7.34Y	122.3	0.00	3.73	1.12	0	8	3	94	0.00	0.0	4.435	0.000	8	3	1	1
PL.34916	PL.26236	A	4ACSR	7.34Y	122.3	0.00	3.73	1.25	1	9	3	95	0.00	0.0	4.357	0.010	0	0	0	1
PD.5007	PL.34916	A	fuse6AMP	7.34Y	122.3	0.00	3.73	1.25	21	9	3	95	0.00	0.0	4.357	0.000	0	0	0	1
PL.34917	PD.5007	A	4ACSR	7.34Y	122.3	0.00	3.73	1.25	1	9	3	95	0.00	0.0	4.381	0.024	0	0	0	1
075469	PL.34917	A	Consumer	7.34Y	122.3	0.00	3.73	1.25	0	9	3	95	0.00	0.0	4.381	0.000	9	3	1	1
075432	PL.26236	A	Consumer	7.34Y	122.3	0.00	3.73	0.66	0	5	2	93	0.00	0.0	4.347	0.000	5	2	1	1
075429	PL.26236	A	Consumer	7.34Y	122.3	0.00	3.73	0.47	0	3	1	95	0.00	0.0	4.347	0.000	3	1	1	1
075431	PL.26236	A	Consumer	7.34Y	122.3	0.00	3.73	0.10	0	1	0	100	0.00	0.0	4.347	0.000	1	0	1	1
075424	PL.26237	A	Consumer	7.34Y	122.3	0.00	3.65	0.83	0	6	2	95	0.00	0.0	4.207	0.000	6	2	1	1
075419	PL.26238	A	Consumer	7.34Y	122.4	0.00	3.64	0.00	0	0	0	100	0.00	0.0	4.182	0.000	0	0	0	0
075406	PL.26238	A	Consumer	7.34Y	122.4	0.00	3.64	0.70	0	5	2	93	0.00	0.0	4.182	0.000	5	2	1	1
075411	PL.26239	A	Consumer	7.34Y	122.4	0.00	3.61	0.82	0	6	2	95	0.00	0.0	4.129	0.000	6	2	1	1
PL.34920	PL.26240	A	4ACSR	7.35Y	122.5	0.00	3.53	0.95	0	7	2	96	0.00	0.0	4.012	0.005	0	0	0	1
PD.5009	PL.34920	A	fuse6AMP	7.35Y	122.5	0.00	3.53	0.95	16	7	2	96	0.00	0.0	4.012	0.000	0	0	0	1
PL.34921	PD.5009	A	4ACSR	7.35Y	122.5	0.00	3.53	0.95	0	7	2	96	0.00	0.0	4.040	0.028	0	0	0	1
075437	PL.34921	A	Consumer	7.35Y	122.5	0.00	3.53	0.00	0	0	0	100	0.00	0.0	4.040	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
075409	PL.34921	A	Consumer	7.35Y	122.5	0.00	3.53	0.95	0	7	2	96	0.00	0.0	4.040	0.000	7	2	1	1
075301	PL.26241	A	Consumer	7.35Y	122.6	0.00	3.42	0.00	0	0	0	100	0.00	0.0	3.843	0.000	0	0	0	0
075302	PL.26242	A	Consumer	7.36Y	122.6	0.00	3.35	0.43	0	3	1	95	0.00	0.0	3.743	0.000	3	1	1	1
PL.34922	PL.26242	A	4ACSR	7.36Y	122.6	0.00	3.35	0.46	0	3	1	95	0.00	0.0	3.759	0.016	0	0	0	4
PD.5010	PL.34922	A	fuse6AMP	7.36Y	122.6	0.00	3.35	0.46	8	3	1	95	0.00	0.0	3.759	0.000	0	0	0	4
PL.34923	PD.5010	A	4ACSR	7.36Y	122.6	0.00	3.35	0.46	0	3	1	95	0.00	0.0	3.800	0.041	0	0	0	4
075306	PL.34923	A	Consumer	7.36Y	122.6	0.00	3.35	0.46	0	3	1	95	0.00	0.0	3.800	0.000	3	1	1	1
PL.8253	PL.34923	A	4ACSR	7.36Y	122.6	-0.00	3.35	0.00	0	0	0	100	0.00	0.0	3.826	0.026	0	0	0	3
PL.4719	PL.8253	A	4ACSR	7.36Y	122.6	-0.00	3.35	0.00	0	0	0	100	0.00	0.0	3.890	0.064	0	0	0	3
075305	PL.4719	A	Consumer	7.36Y	122.6	0.00	3.35	0.00	0	0	0	100	0.00	0.0	3.890	0.000	0	0	1	1
PL.4720	PL.4719	A	4ACSR	7.36Y	122.6	-0.00	3.35	0.00	0	0	0	100	0.00	0.0	3.924	0.034	0	0	0	2
PL.30362	PL.4720	A	4ACSR	7.36Y	122.6	-0.00	3.35	0.00	0	0	0	100	0.00	0.0	3.990	0.065	0	0	0	1
0753009	PL.30362	A	Consumer	7.36Y	122.6	0.00	3.35	0.00	0	0	0	100	0.00	0.0	3.990	0.000	0	0	1	1
PL.4718	PL.4720	A	4ACSR	7.36Y	122.6	0.00	3.35	0.00	0	0	0	100	0.00	0.0	4.005	0.081	0	0	0	1
075308	PL.4718	A	Consumer	7.36Y	122.6	0.00	3.35	0.00	0	0	0	100	0.00	0.0	4.005	0.000	0	0	1	1
PL.34924	PL.20502	A	4ACSR	7.37Y	122.9	0.00	3.10	0.16	0	1	0	100	0.00	0.0	3.402	0.004	0	0	0	1
PL.34925	PL.34924	A	4ACSR	7.37Y	122.9	0.00	3.10	0.16	0	1	0	100	0.00	0.0	3.444	0.042	0	0	0	1
075408	PL.34925	A	Consumer	7.37Y	122.9	0.00	3.10	0.16	0	1	0	100	0.00	0.0	3.444	0.000	1	0	1	1
075462	PL.20503	A	Consumer	7.38Y	122.9	0.00	3.07	0.26	0	2	1	89	0.00	0.0	3.356	0.000	2	1	1	1
075417	PL.20503	A	Consumer	7.38Y	122.9	0.00	3.07	0.65	0	5	2	93	0.00	0.0	3.356	0.000	5	2	1	1
075418	PL.12799	A	Consumer	7.38Y	122.9	0.00	3.05	0.70	0	5	2	93	0.00	0.0	3.334	0.000	5	2	1	1
075446	PL.12799	A	Consumer	7.38Y	122.9	0.00	3.05	0.00	0	0	0	100	0.00	0.0	3.334	0.000	0	0	0	0
075463	PL.12799	A	Consumer	7.38Y	122.9	0.00	3.05	0.00	0	0	0	100	0.00	0.0	3.334	0.000	0	0	0	0
075461	PL.12799	A	Consumer	7.38Y	122.9	0.00	3.05	0.39	0	3	1	95	0.00	0.0	3.334	0.000	3	1	1	1
PL.34910	PL.12799	A	4ACSR	7.38Y	122.9	0.00	3.05	1.32	1	9	3	95	0.00	0.0	3.347	0.013	0	0	0	1
PD.5004	PL.34910	A	fuse6AMP	7.38Y	122.9	0.00	3.05	1.32	23	9	3	95	0.00	0.0	3.347	0.000	0	0	0	1
PL.34911	PD.5004	A	4ACSR	7.38Y	122.9	0.00	3.06	1.32	1	9	3	95	0.00	0.0	3.371	0.025	0	0	0	1
075466	PL.34911	A	Consumer	7.38Y	122.9	0.00	3.06	1.32	0	9	3	95	0.00	0.0	3.371	0.000	9	3	1	1
075422	PL.8268	A	Consumer	7.38Y	123.0	0.00	3.01	0.52	0	4	1	97	0.00	0.0	3.281	0.000	4	1	1	1
075412	PL.8267	A	Consumer	7.38Y	123.0	0.00	2.96	1.32	0	9	3	95	0.00	0.0	3.227	0.000	9	3	1	1
074454	PL.34926	A	Consumer	7.39Y	123.2	0.00	2.80	1.19	0	8	3	94	0.00	0.0	3.059	0.000	8	3	1	1
074460	PL.8213	A	Consumer	7.40Y	123.3	0.00	2.70	1.27	0	9	3	95	0.00	0.0	2.969	0.000	9	3	1	1
074448	PL.12800	A	Consumer	7.40Y	123.3	0.00	2.65	1.01	0	7	3	92	0.00	0.0	2.919	0.000	7	3	1	1
PL.34885	PL.12801	A	4ACSR	7.41Y	123.5	0.00	2.53	0.94	0	7	2	96	0.00	0.0	2.824	0.009	0	0	0	1
PD.4993	PL.34885	A	fuse6AMP	7.41Y	123.5	0.00	2.53	0.94	16	7	2	96	0.00	0.0	2.824	0.000	0	0	0	1
PL.34886	PD.4993	A	4ACSR	7.41Y	123.5	0.00	2.54	0.94	0	7	2	96	0.00	0.0	2.884	0.060	0	0	0	1
PL.5010	PL.34886	A	4ACSR	7.41Y	123.5	0.00	2.54	0.94	0	7	2	96	0.00	0.0	2.931	0.047	0	0	0	1
075453	PL.5010	A	Consumer	7.41Y	123.5	0.00	2.54	0.94	0	7	2	96	0.00	0.0	2.931	0.000	7	2	1	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes data for various elements like 074449, PL.34887, PD.4994, etc.

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

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for elements PL.8198, PL.8199, 073447, 073426, PL.34879, C PD.4990, PL.34880, 073469, PL.26083, PL.8207, PL.26084, PL.12722, 073419, 073450, 073414, 073418, 073416, 073408, 073422, 073424, PL.34877, PD.4989, PL.34878, 073415, PL.26080, PL.34881, PD.4991, PL.45177, 073433, 073417, 073425, PL.45178, 073421, PL.26081.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include various elements like 073471, PL.34883, PD.4992, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, Element KVAR, Cons On, Cons Thru. Rows include elements like PL.26073, PL.26072, PL.26071, PL.8165, PL.8164, PL.8166, PL.26070, PL.26069, 0724123, SW31-B, PL.34873, PD.4987, PL.34874, PL.4787, 072457, PL.4789, 072482, OH33, PL.34858, PL.34859, PL.34855, PL.26234, PL.25832, PL.20077.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.21409, PL.15624, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
0724129	PL.42711	C	Consumer	7.40Y	123.3	0.00	2.66	1.39	0	10	4	93	0.00	0.0	4.012	0.000	10	4	1	1
072422	PL.4804	C	Consumer	7.40Y	123.3	0.00	2.66	0.57	0	4	1	97	0.00	0.0	3.945	0.000	4	1	1	1
PL.4805	PL.34843	C	4ACSR	7.40Y	123.3	0.01	2.67	2.60	1	18	7	93	0.00	0.0	3.997	0.064	0	0	0	2
072485	PL.4805	C	Consumer	7.40Y	123.3	0.00	2.67	1.21	0	8	3	94	0.00	0.0	3.997	0.000	8	3	1	1
072474	PL.4805	C	Consumer	7.40Y	123.3	0.00	2.67	1.39	0	10	4	93	0.00	0.0	3.997	0.000	10	4	1	1
PL.26194	PL.15626	C	4ACSR	7.40Y	123.3	0.08	2.72	44.17	23	305	117	93	0.19	0.1	3.876	0.041	0	0	0	47
072459	PL.26194	C	Consumer	7.40Y	123.3	0.00	2.72	0.04	0	0	0	100	0.00	0.0	3.876	0.000	0	0	1	1
PL.12368	PL.26194	C	4ACSR	7.39Y	123.2	0.05	2.77	44.12	23	305	117	93	0.11	0.0	3.899	0.024	0	0	0	46
PL.12369	PL.12368	C	4ACSR	7.39Y	123.2	0.04	2.80	44.12	23	304	117	93	0.08	0.0	3.917	0.017	0	0	0	46
0724107	PL.12369	C	Consumer	7.39Y	123.2	0.00	2.80	1.07	0	7	3	92	0.00	0.0	3.917	0.000	7	3	1	1
PL.34845	PL.12369	C	4ACSR	7.39Y	123.2	0.00	2.80	0.96	0	7	3	92	0.00	0.0	3.930	0.013	0	0	0	2
PD.4976	PL.34845	C	fuse6AMP	7.39Y	123.2	0.00	2.80	0.96	16	7	3	92	0.00	0.0	3.930	0.000	0	0	0	2
PL.37603	PD.4976	C	4ACSR	7.39Y	123.2	0.00	2.81	0.96	0	7	3	92	0.00	0.0	3.944	0.014	0	0	0	2
PL.37604	PL.37603	C	4ACSR	7.39Y	123.2	0.00	2.81	0.96	0	7	3	92	0.00	0.0	3.962	0.018	0	0	0	1
072462	PL.37604	C	Consumer	7.39Y	123.2	0.00	2.81	0.96	0	7	3	92	0.00	0.0	3.962	0.000	7	3	1	1
0724163	PL.37603	C	Consumer	7.39Y	123.2	0.00	2.81	0.00	0	0	0	100	0.00	0.0	3.944	0.000	0	0	1	1
PL.26195	PL.12369	C	4ACSR	7.39Y	123.1	0.07	2.87	42.09	22	290	112	93	0.16	0.1	3.954	0.037	0	0	0	43
PL.25286	PL.26195	C	4ACSR	7.38Y	123.0	0.12	2.99	42.09	22	290	112	93	0.26	0.1	4.016	0.062	0	0	0	43
PL.12370	PL.25286	C	4ACSR	7.37Y	122.9	0.11	3.10	40.86	21	281	108	93	0.23	0.1	4.074	0.058	0	0	0	40
PL.12371	PL.12370	C	4ACSR	7.36Y	122.7	0.15	3.26	40.16	21	276	106	93	0.32	0.1	4.157	0.084	0	0	0	39
072472	PL.12371	C	Consumer	7.36Y	122.7	0.00	3.26	2.97	0	20	10	89	0.00	0.0	4.157	0.000	20	10	1	1
PL.12372	PL.12371	C	4ACSR	7.36Y	122.6	0.10	3.36	37.20	19	256	97	94	0.20	0.1	4.218	0.061	0	0	0	38
PL.12375	PL.12372	C	4ACSR	7.36Y	122.6	0.00	3.36	0.78	0	5	2	93	0.00	0.0	4.245	0.027	0	0	0	1
0724138	PL.12375	C	Consumer	7.36Y	122.6	0.00	3.36	0.78	0	5	2	93	0.00	0.0	4.245	0.000	5	2	1	1
PL.34833	PL.12372	C	4ACSR	7.36Y	122.6	0.01	3.37	18.36	9	126	48	93	0.00	0.0	4.224	0.006	0	0	0	17
PD.4970-A	PL.34833	C	Closed	7.36Y	122.6	0.00	3.37	18.36	0	126	48	93	0.00	0.0	4.224	0.000	0	0	0	17
PD.4970-B	PD.4970-A	C	Closed	7.36Y	122.6	0.00	3.37	18.36	0	126	48	93	0.00	0.0	4.224	0.000	0	0	0	17
PL.39436	PD.4970-B	C	4ACSR	7.36Y	122.6	0.02	3.38	18.36	9	126	48	93	0.02	0.0	4.245	0.020	0	0	0	17
PL.39437	PL.39436	C	4ACSR	7.35Y	122.6	0.06	3.45	17.41	9	120	45	94	0.06	0.0	4.324	0.080	0	0	0	16
0724158	PL.39437	C	Consumer	7.35Y	122.6	0.00	3.45	1.16	0	8	3	94	0.00	0.0	4.324	0.000	8	3	1	1
PL.30793	PL.39437	C	4ACSR	7.35Y	122.5	0.03	3.48	16.25	8	112	42	94	0.02	0.0	4.364	0.040	0	0	0	15
0724151	PL.30793	C	Consumer	7.35Y	122.5	0.00	3.48	1.06	0	7	3	92	0.00	0.0	4.364	0.000	7	3	1	1
PL.25835	PL.30793	C	4ACSR	7.35Y	122.5	0.02	3.50	10.74	6	74	28	94	0.01	0.0	4.407	0.043	0	0	0	10
PL.25838	PL.25835	C	4ACSR	7.35Y	122.5	0.01	3.51	5.74	3	40	15	94	0.00	0.0	4.445	0.038	0	0	0	5
PL.34839	PL.25838	C	4ACSR	7.35Y	122.5	0.00	3.51	0.90	0	6	2	95	0.00	0.0	4.452	0.007	0	0	0	1
PD.4973	PL.34839	C	fuse6AMP	7.35Y	122.5	0.00	3.51	0.90	15	6	2	95	0.00	0.0	4.452	0.000	0	0	0	1
PL.34840	PD.4973	C	4ACSR	7.35Y	122.5	0.00	3.51	0.90	0	6	2	95	0.00	0.0	4.516	0.064	0	0	0	1
0724156	PL.34840	C	Consumer	7.35Y	122.5	0.00	3.51	0.90	0	6	2	95	0.00	0.0	4.516	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.25839	PL.25838	C	4ACSR	7.35Y	122.5	0.01	3.51	3.64	2	25	9	94	0.00	0.0	4.476	0.031	0	0	0	3
0724132	PL.25839	C	Consumer	7.35Y	122.5	0.00	3.51	1.06	0	7	3	92	0.00	0.0	4.476	0.000	7	3	1	1
PL.26058	PL.25839	C	4ACSR	7.35Y	122.5	0.00	3.52	2.57	1	18	7	93	0.00	0.0	4.519	0.042	0	0	0	2
PL.26059	PL.26058	C	4ACSR	7.35Y	122.5	0.01	3.52	1.55	1	11	4	94	0.00	0.0	4.615	0.097	0	0	0	1
0724136	PL.26059	C	Consumer	7.35Y	122.5	0.00	3.52	1.55	0	11	4	94	0.00	0.0	4.615	0.000	11	4	1	1
PL.34841	PL.26058	C	4ACSR	7.35Y	122.5	0.00	3.52	1.03	1	7	3	92	0.00	0.0	4.523	0.004	0	0	0	1
PD.4974	PL.34841	C	fuse6AMP	7.35Y	122.5	0.00	3.52	1.03	18	7	3	92	0.00	0.0	4.523	0.000	0	0	0	1
PL.34842	PD.4974	C	4ACSR	7.35Y	122.5	0.00	3.52	1.03	1	7	3	92	0.00	0.0	4.571	0.048	0	0	0	1
0724131	PL.34842	C	Consumer	7.35Y	122.5	0.00	3.52	1.03	0	7	3	92	0.00	0.0	4.571	0.000	7	3	1	1
PL.8179	PL.34842	C	4ACSR	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	4.571	0.000	0	0	0	0
0724154	PL.25838	C	Consumer	7.35Y	122.5	0.00	3.51	1.20	0	8	3	94	0.00	0.0	4.445	0.000	8	3	1	1
0724146	PL.25835	C	Consumer	7.35Y	122.5	0.00	3.50	0.77	0	5	2	93	0.00	0.0	4.407	0.000	5	2	1	1
PL.34837	PL.25835	C	4ACSR	7.35Y	122.5	0.00	3.50	4.23	2	29	11	93	0.00	0.0	4.417	0.010	0	0	0	4
PD.4972	PL.34837	C	fuse6AMP	7.35Y	122.5	0.00	3.50	4.23	72	29	11	93	0.00	0.0	4.417	0.000	0	0	0	4
PL.34838	PD.4972	C	4ACSR	7.35Y	122.5	0.01	3.50	4.23	2	29	11	93	0.00	0.0	4.445	0.029	0	0	0	4
PL.25837	PL.34838	C	4ACSR	7.35Y	122.5	0.01	3.51	2.66	1	18	7	93	0.00	0.0	4.489	0.044	0	0	0	2
0724124	PL.25837	C	Consumer	7.35Y	122.5	0.00	3.51	1.24	0	9	3	95	0.00	0.0	4.489	0.000	9	3	1	1
0724135	PL.25837	C	Consumer	7.35Y	122.5	0.00	3.51	1.43	0	10	4	93	0.00	0.0	4.489	0.000	10	4	1	1
0724147	PL.34838	C	Consumer	7.35Y	122.5	0.00	3.50	0.27	0	2	1	89	0.00	0.0	4.445	0.000	2	1	1	1
0724157	PL.34838	C	Consumer	7.35Y	122.5	0.00	3.50	1.30	0	9	3	95	0.00	0.0	4.445	0.000	9	3	1	1
PL.34835	PL.30793	C	4ACSR	7.35Y	122.5	0.00	3.48	4.45	2	31	12	93	0.00	0.0	4.374	0.010	0	0	0	4
PD.4971	PL.34835	C	fuse6AMP	7.35Y	122.5	0.00	3.48	4.45	76	31	12	93	0.00	0.0	4.374	0.000	0	0	0	4
PL.34836	PD.4971	C	4ACSR	7.35Y	122.5	0.01	3.49	4.45	2	31	12	93	0.00	0.0	4.439	0.065	0	0	0	4
0724120	PL.34836	C	Consumer	7.35Y	122.5	0.00	3.49	0.81	0	6	2	95	0.00	0.0	4.439	0.000	6	2	1	1
0724121	PL.34836	C	Consumer	7.35Y	122.5	0.00	3.49	1.11	0	8	3	94	0.00	0.0	4.439	0.000	8	3	1	1
0724133	PL.34836	C	Consumer	7.35Y	122.5	0.00	3.49	1.70	0	12	4	95	0.00	0.0	4.439	0.000	12	4	1	1
0724125	PL.34836	C	Consumer	7.35Y	122.5	0.00	3.49	0.00	0	0	0	100	0.00	0.0	4.439	0.000	0	0	0	0
PL.40426	PL.34836	C	4ACSR	7.35Y	122.5	0.00	3.49	0.83	0	6	2	95	0.00	0.0	4.456	0.017	0	0	0	1
0724126	PL.40426	C	Consumer	7.35Y	122.5	0.00	3.49	0.83	0	6	2	95	0.00	0.0	4.456	0.000	6	2	1	1
0724164	PL.39436	C	Consumer	7.36Y	122.6	0.00	3.38	0.95	0	7	2	96	0.00	0.0	4.245	0.000	7	2	1	1
PL.34831	PL.12372	C	4ACSR	7.36Y	122.6	0.00	3.36	18.05	9	124	47	94	0.00	0.0	4.223	0.005	0	0	0	20
PD.4969-A	PL.34831	C	Closed	7.36Y	122.6	0.00	3.36	18.05	0	124	47	94	0.00	0.0	4.223	0.000	0	0	0	20
PD.4969-B	PD.4969-A	C	Closed	7.36Y	122.6	0.00	3.36	18.05	0	124	47	94	0.00	0.0	4.223	0.000	0	0	0	20
PL.34832	PD.4969-B	C	4ACSR	7.36Y	122.6	0.05	3.41	18.05	9	124	47	94	0.04	0.0	4.280	0.057	0	0	0	20
072480	PL.34832	C	Consumer	7.36Y	122.6	0.00	3.41	1.41	0	10	4	93	0.00	0.0	4.280	0.000	10	4	1	1
PL.44150	PL.34832	C	4ACSR	7.35Y	122.6	0.01	3.42	16.65	9	115	43	94	0.01	0.0	4.296	0.016	0	0	0	19
PL.44151	PL.44150	C	4ACSR	7.35Y	122.5	0.03	3.46	16.65	9	115	43	94	0.03	0.0	4.338	0.042	0	0	0	19
PL.8173	PL.44151	C	4ACSR	7.35Y	122.5	0.03	3.48	15.65	8	108	41	93	0.02	0.0	4.376	0.038	0	0	0	18

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for Units Displayed In Volts and Base Voltage:120.0-

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
072489	PL.25286	C	Consumer	7.38Y	123.0	0.00	2.99	0.14	0	1	0	100	0.00	0.0	4.016	0.000	1	0	1	1
072430	PL.25286	C	Consumer	7.38Y	123.0	0.00	2.99	0.34	0	2	1	89	0.00	0.0	4.016	0.000	2	1	1	1
072497	PL.25286	C	Consumer	7.38Y	123.0	0.00	2.99	0.75	0	5	2	93	0.00	0.0	4.016	0.000	5	2	1	1
0724128	PL.25286	C	Consumer	7.38Y	123.0	0.00	2.99	0.00	0	0	0	100	0.00	0.0	4.016	0.000	0	0	0	0
0724104	PL.15626	C	Consumer	7.40Y	123.4	0.00	2.64	0.42	0	3	1	95	0.00	0.0	3.835	0.000	3	1	1	1
072449	PL.15626	C	Consumer	7.40Y	123.4	0.00	2.64	1.52	0	11	4	94	0.00	0.0	3.835	0.000	11	4	1	1
072403	PL.15626	C	Consumer	7.40Y	123.4	0.00	2.64	0.54	0	4	1	97	0.00	0.0	3.835	0.000	4	1	1	1
0724105	PL.15624	B	Consumer	7.42Y	123.7	0.00	2.25	1.43	0	10	4	93	0.00	0.0	3.669	0.000	10	4	1	1
072446	PL.15624	B	Consumer	7.42Y	123.7	0.00	2.25	0.04	0	0	0	100	0.00	0.0	3.669	0.000	0	0	1	1
072453	PL.15624	B	Consumer	7.42Y	123.7	0.00	2.25	0.00	0	0	0	100	0.00	0.0	3.669	0.000	0	0	0	0
0724153	PL.15624	B	Consumer	7.42Y	123.7	0.00	2.25	0.00	0	0	0	100	0.00	0.0	3.669	0.000	0	0	0	0
072471	PL.15624	B	Consumer	7.42Y	123.7	0.00	2.25	0.43	0	3	1	95	0.00	0.0	3.669	0.000	3	1	1	1
072437	PL.20077	B	Consumer	7.43Y	123.8	0.00	2.24	0.44	0	3	1	95	0.00	0.0	3.610	0.000	3	1	1	1
072415	PL.20077	B	Consumer	7.43Y	123.8	0.00	2.24	0.67	0	5	2	93	0.00	0.0	3.610	0.000	5	2	1	1
072429	PL.25832	B	Consumer	7.43Y	123.8	0.00	2.23	1.03	0	7	3	92	0.00	0.0	3.564	0.000	7	3	1	1
072473	PL.25832	B	Consumer	7.43Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	3.564	0.000	0	0	0	0
072448	PL.26234	B	Consumer	7.43Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	3.539	0.000	0	0	1	1
072445	PL.26234	B	Consumer	7.43Y	123.8	0.00	2.22	2.40	0	17	6	94	0.00	0.0	3.539	0.000	17	6	1	1
072425	PL.26234	B	Consumer	7.43Y	123.8	0.00	2.22	0.63	0	4	2	89	0.00	0.0	3.539	0.000	4	2	1	1
072426	PL.26234	B	Consumer	7.43Y	123.8	0.00	2.22	0.62	0	4	2	89	0.00	0.0	3.539	0.000	4	2	1	1
072454	PL.26234	B	Consumer	7.43Y	123.8	0.00	2.22	0.00	0	0	0	100	0.00	0.0	3.539	0.000	0	0	0	0
PL.26235	PL.34855	B	4ACSR	7.43Y	123.8	0.02	2.23	9.77	5	68	26	93	0.01	0.0	3.557	0.053	0	0	0	14
PL.8169	PL.26235	B	4ACSR	7.43Y	123.8	0.01	2.24	5.10	3	35	13	94	0.00	0.0	3.596	0.040	0	0	0	7
PL.7599	PL.8169	B	4ACSR	7.43Y	123.8	0.00	2.25	1.99	1	14	5	94	0.00	0.0	3.623	0.027	0	0	0	5
0724108	PL.7599	B	Consumer	7.43Y	123.8	0.00	2.25	0.55	0	4	1	97	0.00	0.0	3.623	0.000	4	1	1	1
PL.34853	PL.7599	B	4ACSR	7.43Y	123.8	0.00	2.25	1.00	1	7	3	92	0.00	0.0	3.636	0.013	0	0	0	1
PD.4980	PL.34853	B	fuse6AMP	7.43Y	123.8	0.00	2.25	1.00	17	7	3	92	0.00	0.0	3.636	0.000	0	0	0	1
PL.34854	PD.4980	B	4ACSR	7.43Y	123.8	0.00	2.25	1.00	1	7	3	92	0.00	0.0	3.669	0.034	0	0	0	1
0724143	PL.34854	B	Consumer	7.43Y	123.8	0.00	2.25	1.00	0	7	3	92	0.00	0.0	3.669	0.000	7	3	1	1
PL.7600	PL.7599	B	4ACSR	7.43Y	123.8	0.00	2.25	0.44	0	3	1	95	0.00	0.0	3.676	0.052	0	0	0	3
072499	PL.7600	B	Consumer	7.43Y	123.8	0.00	2.25	0.34	0	2	1	89	0.00	0.0	3.676	0.000	2	1	1	1
0724134	PL.7600	B	Consumer	7.43Y	123.8	0.00	2.25	0.09	0	1	0	100	0.00	0.0	3.676	0.000	1	0	1	1
0724155	PL.7600	B	Consumer	7.43Y	123.8	0.00	2.25	0.01	0	0	0	100	0.00	0.0	3.676	0.000	0	0	1	1
072495	PL.8169	B	Consumer	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	3.596	0.000	0	0	0	0
0724101	PL.8169	B	Consumer	7.43Y	123.8	0.00	2.24	1.32	0	9	3	95	0.00	0.0	3.596	0.000	9	3	1	1
072493	PL.8169	B	Consumer	7.43Y	123.8	0.00	2.24	1.79	0	12	5	92	0.00	0.0	3.596	0.000	12	5	1	1
072441	PL.26235	B	Consumer	7.43Y	123.8	0.00	2.23	0.51	0	4	1	97	0.00	0.0	3.557	0.000	4	1	1	1
PL.34851	PL.26235	B	4ACSR	7.43Y	123.8	0.00	2.24	4.16	2	29	11	93	0.00	0.0	3.564	0.007	0	0	0	6

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PD.4979	PL.34851	B	fuse6AMP	7.43Y	123.8	0.00	2.24	4.16	71	29	11	93	0.00	0.0	3.564	0.000	0	0	0	6
PL.34852	PD.4979	B	4ACSR	7.43Y	123.8	0.00	2.24	4.16	2	29	11	93	0.00	0.0	3.572	0.008	0	0	0	6
PL.25831	PL.34852	B	4ACSR	7.43Y	123.8	0.00	2.24	2.89	1	20	8	93	0.00	0.0	3.588	0.016	0	0	0	5
072407	PL.25831	B	Consumer	7.43Y	123.8	0.00	2.24	0.91	0	6	2	95	0.00	0.0	3.588	0.000	6	2	1	1
072466	PL.25831	B	Consumer	7.43Y	123.8	0.00	2.24	0.93	0	6	2	95	0.00	0.0	3.588	0.000	6	2	1	1
PL.4803	PL.25831	B	4ACSR	7.43Y	123.8	0.00	2.24	1.05	1	7	3	92	0.00	0.0	3.641	0.053	0	0	0	3
072479	PL.4803	B	Consumer	7.43Y	123.8	0.00	2.24	0.49	0	3	1	95	0.00	0.0	3.641	0.000	3	1	1	1
072498	PL.4803	B	Consumer	7.43Y	123.8	0.00	2.24	0.56	0	4	1	97	0.00	0.0	3.641	0.000	4	1	1	1
072481	PL.4803	B	Consumer	7.43Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	3.641	0.000	0	0	1	1
072486	PL.34852	B	Consumer	7.43Y	123.8	0.00	2.24	1.27	0	9	3	95	0.00	0.0	3.572	0.000	9	3	1	1
072496	PL.34855	B	Consumer	7.43Y	123.8	0.00	2.21	0.00	0	0	0	100	0.00	0.0	3.504	0.000	0	0	0	0
PL.34850	PL.34858	B	4ACSR	7.43Y	123.8	0.00	2.21	0.75	0	5	2	93	0.00	0.0	3.594	0.098	0	0	0	2
072439	PL.34850	B	Consumer	7.43Y	123.8	0.00	2.21	0.37	0	3	1	95	0.00	0.0	3.594	0.000	3	1	1	1
072424	PL.34850	B	Consumer	7.43Y	123.8	0.00	2.21	0.38	0	3	1	95	0.00	0.0	3.594	0.000	3	1	1	1
072487	OH33	B	Consumer	7.43Y	123.8	0.00	2.18	0.09	0	1	0	100	0.00	0.0	3.428	0.000	1	0	1	1
072443	OH33	B	Consumer	7.43Y	123.8	0.00	2.18	0.16	0	1	0	100	0.00	0.0	3.428	0.000	1	0	1	1
072463	OH33	B	Consumer	7.43Y	123.8	0.00	2.18	1.06	0	7	3	92	0.00	0.0	3.428	0.000	7	3	1	1
072484	OH33	B	Consumer	7.43Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	3.428	0.000	0	0	1	1
072477	OH33	B	Consumer	7.43Y	123.8	0.00	2.18	0.32	0	2	1	89	0.00	0.0	3.428	0.000	2	1	1	1
072492	OH33	B	Consumer	7.43Y	123.8	0.00	2.18	0.47	0	3	1	95	0.00	0.0	3.428	0.000	3	1	1	1
0724100	PL.8166	B	Consumer	7.44Y	124.0	0.00	2.00	0.48	0	3	1	95	0.00	0.0	3.077	0.000	3	1	1	1
0724102	PL.8166	B	Consumer	7.44Y	124.0	0.00	2.00	0.98	0	7	3	92	0.00	0.0	3.077	0.000	7	3	1	1
072483	PL.8166	B	Consumer	7.44Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	3.077	0.000	0	0	1	1
072491	PL.8165	B	Consumer	7.45Y	124.1	0.00	1.90	0.37	0	3	1	95	0.00	0.0	2.888	0.000	3	1	1	1
PL.34871	PL.26072	B	4ACSR	7.45Y	124.1	0.00	1.89	0.00	0	0	0	100	0.00	0.0	2.880	0.010	0	0	0	0
PD.4986	PL.34871	B	fuse6AMP	7.45Y	124.1	0.00	1.89	0.00	0	0	0	100	0.00	0.0	2.880	0.000	0	0	0	0
PL.34872	PD.4986	B	4ACSR	7.45Y	124.1	0.00	1.89	0.00	0	0	0	100	0.00	0.0	2.904	0.024	0	0	0	0
PL.24274	PL.34872	B	4ACSR	7.45Y	124.1	0.00	1.89	0.00	0	0	0	100	0.00	0.0	2.935	0.031	0	0	0	0
PL.34869	PL.26072	B	4ACSR	7.45Y	124.1	0.00	1.89	0.43	0	3	1	95	0.00	0.0	2.876	0.006	0	0	0	1
PD.4985	PL.34869	B	fuse6AMP	7.45Y	124.1	0.00	1.89	0.43	7	3	1	95	0.00	0.0	2.876	0.000	0	0	0	1
PL.34870	PD.4985	B	4ACSR	7.45Y	124.1	0.00	1.89	0.43	0	3	1	95	0.00	0.0	2.924	0.048	0	0	0	1
073464	PL.34870	B	Consumer	7.45Y	124.1	0.00	1.89	0.43	0	3	1	95	0.00	0.0	2.924	0.000	3	1	1	1
073451	PL.26073	B	Consumer	7.45Y	124.1	0.00	1.86	0.98	0	7	3	92	0.00	0.0	2.812	0.000	7	3	1	1
073429	PL.26076	B	Consumer	7.45Y	124.2	0.00	1.83	1.54	0	11	4	94	0.00	0.0	2.761	0.000	11	4	1	1
PL.12770	PL.26074	C	4ACSR	7.46Y	124.3	0.04	1.69	14.37	7	100	38	93	0.03	0.0	2.762	0.063	0	0	0	16
PL.34865	PL.12770	C	4ACSR	7.46Y	124.3	0.00	1.69	0.73	0	5	2	93	0.00	0.0	2.770	0.008	0	0	0	1
PD.4983	PL.34865	C	fuse6AMP	7.46Y	124.3	0.00	1.69	0.73	13	5	2	93	0.00	0.0	2.770	0.000	0	0	0	1
PL.34866	PD.4983	C	4ACSR	7.46Y	124.3	0.00	1.69	0.73	0	5	2	93	0.00	0.0	2.789	0.019	0	0	0	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF	kW Loss							% Loss
073472	PL.34866	C	Consumer	7.46Y	124.3	0.00	1.69	0.73	0	5	2	93	0.00	0.0	2.789	0.000	5	2	1	1
PL.12771	PL.12770	C	4ACSR	7.46Y	124.3	0.04	1.73	12.18	6	85	32	94	0.03	0.0	2.833	0.071	0	0	0	14
PL.34862	PL.12771	C	4ACSR	7.46Y	124.3	0.00	1.73	1.10	1	8	3	94	0.00	0.0	2.843	0.010	0	0	0	2
PD.4982	PL.34862	C	fuse6AMP	7.46Y	124.3	0.00	1.73	1.10	19	8	3	94	0.00	0.0	2.843	0.000	0	0	0	2
PL.34863	PD.4982	C	4ACSR	7.46Y	124.3	0.00	1.73	1.10	1	8	3	94	0.00	0.0	2.875	0.032	0	0	0	2
073462	PL.34863	C	Consumer	7.46Y	124.3	0.00	1.73	1.02	0	7	3	92	0.00	0.0	2.875	0.000	7	3	1	1
073435	PL.34863	C	Consumer	7.46Y	124.3	0.00	1.73	0.09	0	1	0	100	0.00	0.0	2.875	0.000	1	0	1	1
073473	PL.12771	C	Consumer	7.46Y	124.3	0.00	1.73	1.53	0	11	4	94	0.00	0.0	2.833	0.000	11	4	1	1
073427	PL.12771	C	Consumer	7.46Y	124.3	0.00	1.73	1.53	0	11	4	94	0.00	0.0	2.833	0.000	11	4	1	1
073428	PL.12771	C	Consumer	7.46Y	124.3	0.00	1.73	0.26	0	2	1	89	0.00	0.0	2.833	0.000	2	1	1	1
073439	PL.12771	C	Consumer	7.46Y	124.3	0.00	1.73	0.32	0	2	1	89	0.00	0.0	2.833	0.000	2	1	1	1
PL.12772	PL.12771	C	4ACSR	7.45Y	124.2	0.02	1.75	7.43	4	52	19	94	0.01	0.0	2.899	0.066	0	0	0	8
PL.37693	PL.12772	C	2ACSR	7.45Y	124.2	0.00	1.76	1.83	1	13	5	93	0.00	0.0	2.965	0.066	0	0	0	1
0734076	PL.37693	C	Consumer	7.45Y	124.2	0.00	1.76	1.83	0	13	5	93	0.00	0.0	2.965	0.000	13	5	1	1
PL.8202	PL.12772	C	4ACSR	7.45Y	124.2	0.01	1.77	3.92	2	27	10	94	0.00	0.0	2.976	0.077	0	0	0	5
073440	PL.8202	C	Consumer	7.45Y	124.2	0.00	1.77	1.45	0	10	4	93	0.00	0.0	2.976	0.000	10	4	1	1
073434	PL.8202	C	Consumer	7.45Y	124.2	0.00	1.77	0.65	0	5	2	93	0.00	0.0	2.976	0.000	5	2	1	1
073436	PL.8202	C	Consumer	7.45Y	124.2	0.00	1.77	0.47	0	3	1	95	0.00	0.0	2.976	0.000	3	1	1	1
073437	PL.8202	C	Consumer	7.45Y	124.2	0.00	1.77	0.40	0	3	1	95	0.00	0.0	2.976	0.000	3	1	1	1
PL.8203	PL.8202	C	4ACSR	7.45Y	124.2	0.00	1.77	0.95	0	7	2	96	0.00	0.0	3.024	0.048	0	0	0	1
073448	PL.8203	C	Consumer	7.45Y	124.2	0.00	1.77	0.95	0	7	2	96	0.00	0.0	3.024	0.000	7	2	1	1
PL.46080	PL.8203	C	2ACSR	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	3.116	0.092	0	0	0	0
PD.8714-A	PL.46080	C	Open	7.45Y	124.2	0.00	1.77	0.00	0	0	0	100	0.00	0.0	3.116	0.000	0	0	0	0
073452	PL.12772	C	Consumer	7.45Y	124.2	0.00	1.75	0.42	0	3	1	95	0.00	0.0	2.899	0.000	3	1	1	1
073423	PL.12772	C	Consumer	7.45Y	124.2	0.00	1.75	0.00	0	0	0	100	0.00	0.0	2.899	0.000	0	0	0	0
073456	PL.12772	C	Consumer	7.45Y	124.2	0.00	1.75	1.25	0	9	3	95	0.00	0.0	2.899	0.000	9	3	1	1
PL.34867	PL.12770	C	4ACSR	7.46Y	124.3	0.00	1.69	1.46	1	10	4	93	0.00	0.0	2.773	0.011	0	0	0	1
PD.4984	PL.34867	C	fuse6AMP	7.46Y	124.3	0.00	1.69	1.46	25	10	4	93	0.00	0.0	2.773	0.000	0	0	0	1
PL.34868	PD.4984	C	4ACSR	7.46Y	124.3	0.00	1.69	1.46	1	10	4	93	0.00	0.0	2.807	0.034	0	0	0	1
073467	PL.34868	C	Consumer	7.46Y	124.3	0.00	1.69	1.46	0	10	4	93	0.00	0.0	2.807	0.000	10	4	1	1
PL.26075	PL.26077	B	4ACSR	7.45Y	124.2	0.01	1.78	3.50	2	24	9	94	0.00	0.0	2.709	0.035	0	0	0	4
073466	PL.26075	B	Consumer	7.45Y	124.2	0.00	1.78	0.48	0	3	1	95	0.00	0.0	2.709	0.000	3	1	1	1
073461	PL.26075	B	Consumer	7.45Y	124.2	0.00	1.78	1.31	0	9	3	95	0.00	0.0	2.709	0.000	9	3	1	1
073432	PL.26075	B	Consumer	7.45Y	124.2	0.00	1.78	1.48	0	10	4	93	0.00	0.0	2.709	0.000	10	4	1	1
073446	PL.26075	B	Consumer	7.45Y	124.2	0.00	1.78	0.00	0	0	0	100	0.00	0.0	2.709	0.000	0	0	0	0
073442	PL.26075	B	Consumer	7.45Y	124.2	0.00	1.78	0.24	0	2	1	89	0.00	0.0	2.709	0.000	2	1	1	1
PL.40995	PL.40996	B	2ACSR	7.45Y	124.2	0.00	1.76	0.05	0	0	0	100	0.00	0.0	2.668	0.018	0	0	0	1
0734077	PL.40995	B	Consumer	7.45Y	124.2	0.00	1.76	0.05	0	0	0	100	0.00	0.0	2.668	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.17435, PD.2200, etc., and a section for Feeder No. 2 (HARDWICK2).

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for elements like SW26-A, PL.8192, PL.12728, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.24465, 074541, PL.12781, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PD.2201, PL.26680, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.35112	PL.35106	C	4ACSR	7.46Y	124.4	0.00	1.60	0.63	0	4	2	89	0.00	0.0	1.850	0.117	0	0	0	2
PL.35107	PL.35112	C	2ACSR	7.46Y	124.4	0.00	1.60	0.63	0	4	2	89	0.00	0.0	1.971	0.121	0	0	0	2
PL.35109	PL.35107	C	4ACSR	7.46Y	124.4	0.01	1.61	0.63	0	4	2	89	0.00	0.0	2.239	0.267	0	0	0	2
PL.12811	PL.35109	C	4ACSR	7.46Y	124.4	0.00	1.61	0.00	0	0	0	100	0.00	0.0	2.480	0.241	0	0	0	1
PL.12812	PL.12811	C	4ACSR	7.46Y	124.4	0.00	1.61	0.00	0	0	0	100	0.00	0.0	2.531	0.051	0	0	0	1
074612	PL.12812	C	Consumer	7.46Y	124.4	0.00	1.61	0.00	0	0	0	100	0.00	0.0	2.531	0.000	0	0	1	1
PL.12813	PL.12812	C	4ACSR	7.46Y	124.4	0.00	1.61	0.00	0	0	0	100	0.00	0.0	2.586	0.055	0	0	0	0
074613	PL.12813	C	Consumer	7.46Y	124.4	0.00	1.61	0.00	0	0	0	100	0.00	0.0	2.586	0.000	0	0	0	0
075659	PL.35109	C	Consumer	7.46Y	124.4	0.00	1.61	0.63	0	4	2	89	0.00	0.0	2.239	0.000	4	2	1	1
PL.35117	PL.35112	C	4ACSR	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	1.855	0.005	0	0	0	0
PD.5204-A	PL.35117	C	Closed	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	1.855	0.000	0	0	0	0
PD.5204-B	PD.5204-A	C	Closed	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	1.855	0.000	0	0	0	0
PL.35118	PD.5204-B	C	4ACSR	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	2.138	0.283	0	0	0	0
PL.35113	PL.35106	C	4ACSR	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	1.736	0.003	0	0	0	1
PD.5202	PL.35113	C	fuse6AMP	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	1.736	0.000	0	0	0	1
PL.35114	PD.5202	C	4ACSR	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	1.800	0.064	0	0	0	1
075618	PL.35114	C	Consumer	7.46Y	124.4	0.00	1.60	0.00	0	0	0	100	0.00	0.0	1.800	0.000	0	0	1	1
0756069	PL.33888	C	Consumer	7.47Y	124.4	0.00	1.57	1.36	0	10	4	93	0.00	0.0	1.479	0.000	10	4	1	1
PL.15239	PL.26674	C	4ACSR	7.47Y	124.5	0.00	1.55	4.64	2	32	12	94	0.00	0.0	1.361	0.005	0	0	0	8
PD.2202	PL.15239	C	fuse6AMP	7.47Y	124.5	0.00	1.55	4.64	79	32	12	94	0.00	0.0	1.361	0.000	0	0	0	8
PL.15240	PD.2202	C	4ACSR	7.47Y	124.4	0.02	1.57	4.64	2	32	12	94	0.01	0.0	1.465	0.104	0	0	0	8
075627	PL.15240	C	Consumer	7.47Y	124.4	0.00	1.57	0.92	0	6	2	95	0.00	0.0	1.465	0.000	6	2	1	1
PL.4342	PL.15240	C	4ACSR	7.47Y	124.4	0.01	1.58	3.72	2	26	10	93	0.00	0.0	1.513	0.048	0	0	0	7
PL.4343	PL.4342	C	4ACSR	7.46Y	124.4	0.01	1.58	3.14	2	22	8	94	0.00	0.0	1.550	0.037	0	0	0	6
PL.25242	PL.4343	C	4ACSR	7.46Y	124.4	0.00	1.59	3.14	2	22	8	94	0.00	0.0	1.567	0.016	0	0	0	6
PL.25243	PL.25242	C	4ACSR	7.46Y	124.4	0.00	1.59	2.00	1	14	5	94	0.00	0.0	1.585	0.018	0	0	0	5
075663	PL.25243	C	Consumer	7.46Y	124.4	0.00	1.59	0.05	0	0	0	100	0.00	0.0	1.585	0.000	0	0	1	1
075635	PL.25243	C	Consumer	7.46Y	124.4	0.00	1.59	0.04	0	0	0	100	0.00	0.0	1.585	0.000	0	0	1	1
075634	PL.25243	C	Consumer	7.46Y	124.4	0.00	1.59	0.64	0	4	2	89	0.00	0.0	1.585	0.000	4	2	1	1
075636	PL.25243	C	Consumer	7.46Y	124.4	0.00	1.59	0.89	0	6	2	95	0.00	0.0	1.585	0.000	6	2	1	1
075643	PL.25243	C	Consumer	7.46Y	124.4	0.00	1.59	0.38	0	3	1	95	0.00	0.0	1.585	0.000	3	1	1	1
PL.25244	PL.25243	C	4ACSR	7.46Y	124.4	0.00	1.59	0.00	0	0	0	100	0.00	0.0	1.592	0.007	0	0	0	0
075639	PL.25242	C	Consumer	7.46Y	124.4	0.00	1.59	1.14	0	8	3	94	0.00	0.0	1.567	0.000	8	3	1	1
075631	PL.4342	C	Consumer	7.47Y	124.4	0.00	1.58	0.00	0	0	0	100	0.00	0.0	1.513	0.000	0	0	0	0
075617	PL.4342	C	Consumer	7.47Y	124.4	0.00	1.58	0.58	0	4	2	89	0.00	0.0	1.513	0.000	4	2	1	1
PL.12814	PL.26674	A	1/0ACSR	7.45Y	124.1	0.06	1.90	40.41	12	280	110	93	1.71	0.1	1.454	0.099	0	0	0	55
		B		7.38Y	123.0	0.26	3.04	111.50	34	766	304	93					0	0	0	134
		C		7.46Y	124.4	0.09	1.64	71.97	22	499	200	93					0	0	0	93

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

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.12815, PL.12816, PL.4346, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 0766042, PL.44265, PL.44270, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements like PD.8409-A, REG53, PL.44348, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header 'Units Displayed In Volts -Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
077819	PL.12882	B	Consumer	7.28Y	121.4	0.00	4.61	0.00	0	0	0	100	0.00	0.0	5.374	0.000	0	0	0	0
PL.15190	PL.12882	B	4ACSR	7.28Y	121.4	0.00	4.61	0.76	0	5	2	93	0.00	0.0	5.380	0.006	0	0	0	1
PD.2243	PL.15190	B	fuse6AMP	7.28Y	121.4	0.00	4.61	0.76	13	5	2	93	0.00	0.0	5.380	0.000	0	0	0	1
PL.15191	PD.2243	B	4ACSR	7.28Y	121.4	0.00	4.61	0.76	0	5	2	93	0.00	0.0	5.448	0.069	0	0	0	1
077801	PL.15191	B	Consumer	7.28Y	121.4	0.00	4.61	0.76	0	5	2	93	0.00	0.0	5.448	0.000	5	2	1	1
PL.12873	PL.12882	B	4ACSR	7.27Y	121.2	0.21	4.81	30.92	16	211	79	94	0.33	0.2	5.520	0.146	0	0	0	36
PL.15185	PL.12873	B	4ACSR	7.27Y	121.2	0.00	4.81	3.18	2	22	8	94	0.00	0.0	5.525	0.006	0	0	0	2
PD.2244	PL.15185	B	fuse6AMP	7.27Y	121.2	0.00	4.81	3.18	54	22	8	94	0.00	0.0	5.525	0.000	0	0	0	2
PL.15186	PD.2244	B	4ACSR	7.27Y	121.2	0.00	4.81	3.18	2	22	8	94	0.00	0.0	5.539	0.014	0	0	0	2
PL.4708	PL.15186	B	4ACSR	7.27Y	121.2	0.00	4.82	1.04	1	7	3	92	0.00	0.0	5.591	0.052	0	0	0	1
077827	PL.4708	B	Consumer	7.27Y	121.2	0.00	4.82	1.04	0	7	3	92	0.00	0.0	5.591	0.000	7	3	1	1
PL.12875	PL.15186	B	4ACSR	7.27Y	121.2	0.01	4.82	2.15	1	15	5	95	0.00	0.0	5.597	0.058	0	0	0	1
077802	PL.12875	B	Consumer	7.27Y	121.2	0.00	4.82	2.15	0	15	5	95	0.00	0.0	5.597	0.000	15	5	1	1
PL.12874	PL.12873	B	4ACSR	7.27Y	121.2	0.03	4.84	27.74	14	189	71	94	0.04	0.0	5.540	0.020	0	0	0	34
PL.15189	PL.12874	B	4ACSR	7.27Y	121.2	0.00	4.84	11.86	6	81	30	94	0.00	0.0	5.547	0.006	0	0	0	19
PD.3439	PL.15189	B	25V4E	7.27Y	121.2	0.00	4.84	11.86	47	81	30	94	0.00	0.0	5.547	0.000	0	0	0	19
PL.19409	PD.3439	B	4ACSR	7.27Y	121.1	0.07	4.91	11.86	6	81	30	94	0.04	0.1	5.677	0.130	0	0	0	19
PL.19410	PL.19409	B	4ACSR	7.26Y	121.0	0.06	4.98	11.86	6	81	30	94	0.04	0.0	5.796	0.119	0	0	0	19
PL.12883	PL.19410	B	4ACSR	7.26Y	121.0	0.03	5.01	11.79	6	80	30	94	0.02	0.0	5.852	0.056	0	0	0	17
PL.4704	PL.12883	B	4ACSR	7.26Y	121.0	0.00	5.01	1.30	1	9	3	95	0.00	0.0	5.904	0.052	0	0	0	1
077821	PL.4704	B	Consumer	7.26Y	121.0	0.00	5.01	1.30	0	9	3	95	0.00	0.0	5.904	0.000	9	3	1	1
PL.30935	PL.12883	B	4ACSR	7.26Y	121.0	0.02	5.02	10.49	5	71	27	93	0.01	0.0	5.885	0.033	0	0	0	16
PL.30936	PL.30935	B	4ACSR	7.26Y	121.0	0.02	5.04	9.63	5	65	25	93	0.01	0.0	5.925	0.040	0	0	0	15
PL.12885	PL.30936	B	4ACSR	7.25Y	120.9	0.06	5.10	7.72	4	52	20	93	0.02	0.0	6.081	0.156	0	0	0	13
077840	PL.12885	B	Consumer	7.25Y	120.9	0.00	5.10	0.00	0	0	0	100	0.00	0.0	6.081	0.000	0	0	0	0
PL.39001	PL.12885	B	4ACSR	7.25Y	120.9	0.02	5.12	3.28	2	22	8	94	0.00	0.0	6.232	0.152	0	0	0	7
PL.39002	PL.39001	B	4ACSR	7.25Y	120.9	0.01	5.13	2.90	1	20	7	94	0.00	0.0	6.307	0.074	0	0	0	6
PL.15183	PL.39002	B	4ACSR	7.25Y	120.9	0.01	5.14	2.90	1	20	7	94	0.00	0.0	6.409	0.102	0	0	0	6
PD.13-A	PL.15183	B	Closed	7.25Y	120.9	0.00	5.14	2.90	0	20	7	94	0.00	0.0	6.409	0.000	0	0	0	6
PD.13-B	PD.13-A	B	Closed	7.25Y	120.9	0.00	5.14	2.90	0	20	7	94	0.00	0.0	6.409	0.000	0	0	0	6
PL.15184	PD.13-B	B	4ACSR	7.25Y	120.9	0.00	5.14	2.90	1	20	7	94	0.00	0.0	6.415	0.006	0	0	0	6
PL.12890	PL.15184	B	4ACSR	7.25Y	120.8	0.01	5.15	1.77	1	12	5	92	0.00	0.0	6.519	0.104	0	0	0	5
PL.25298	PL.12890	B	4ACSR	7.25Y	120.8	0.01	5.16	1.77	1	12	5	92	0.00	0.0	6.584	0.066	0	0	0	5
PL.12891	PL.25298	B	4ACSR	7.25Y	120.8	0.01	5.16	1.57	1	11	4	94	0.00	0.0	6.697	0.113	0	0	0	4
PL.39010	PL.12891	B	4ACSR	7.25Y	120.8	0.00	5.16	0.22	0	2	1	89	0.00	0.0	6.709	0.012	0	0	0	1
PD.6810	PL.39010	B	fuse6AMP	7.25Y	120.8	0.00	5.16	0.22	4	2	1	89	0.00	0.0	6.709	0.000	0	0	0	1
PL.39011	PD.6810	B	4ACSR	7.25Y	120.8	0.00	5.17	0.22	0	2	1	89	0.00	0.0	6.788	0.080	0	0	0	1
078803	PL.39011	B	Consumer	7.25Y	120.8	0.00	5.17	0.22	0	2	1	89	0.00	0.0	6.788	0.000	2	1	1	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.12892	PL.12891	B	4ACSR	7.25Y	120.8	0.02	5.18	1.35	1	9	3	95	0.00	0.0	7.027	0.330	0	0	0	3
PL.25296	PL.12892	B	4ACSR	7.25Y	120.8	0.00	5.19	1.30	1	9	3	95	0.00	0.0	7.106	0.079	0	0	0	2
PL.25297	PL.25296	B	4ACSR	7.25Y	120.8	0.01	5.20	1.30	1	9	3	95	0.00	0.0	7.233	0.127	0	0	0	2
PL.25294	PL.25297	B	4ACSR	7.25Y	120.8	0.00	5.20	0.88	0	6	2	95	0.00	0.0	7.312	0.079	0	0	0	1
PL.25295	PL.25294	B	4ACSR	7.25Y	120.8	0.01	5.21	0.88	0	6	2	95	0.00	0.0	7.446	0.134	0	0	0	1
077913	PL.25295	B	Consumer	7.25Y	120.8	0.00	5.21	0.88	0	6	2	95	0.00	0.0	7.446	0.000	6	2	1	1
078903	PL.25297	B	Consumer	7.25Y	120.8	0.00	5.20	0.42	0	3	1	95	0.00	0.0	7.233	0.000	3	1	1	1
078902	PL.12892	B	Consumer	7.25Y	120.8	0.00	5.18	0.04	0	0	0	100	0.00	0.0	7.027	0.000	0	0	1	1
078802	PL.25298	B	Consumer	7.25Y	120.8	0.00	5.16	0.20	0	1	1	71	0.00	0.0	6.584	0.000	1	1	1	1
PL.39006	PL.15184	B	4ACSR	7.25Y	120.9	0.00	5.14	1.13	1	8	3	94	0.00	0.0	6.422	0.007	0	0	0	1
PL.39008	PL.39006	B	4ACSR	7.25Y	120.9	0.00	5.14	1.13	1	8	3	94	0.00	0.0	6.425	0.003	0	0	0	1
PD.6809	PL.39008	B	fuse6AMP	7.25Y	120.9	0.00	5.14	1.13	19	8	3	94	0.00	0.0	6.425	0.000	0	0	0	1
PL.39009	PD.6809	B	4ACSR	7.25Y	120.9	0.00	5.15	1.13	1	8	3	94	0.00	0.0	6.515	0.090	0	0	0	1
078804	PL.39009	B	Consumer	7.25Y	120.9	0.00	5.15	1.13	0	8	3	94	0.00	0.0	6.515	0.000	8	3	1	1
077841	PL.39002	B	Consumer	7.25Y	120.9	0.00	5.13	0.00	0	0	0	100	0.00	0.0	6.307	0.000	0	0	0	0
PL.39004	PL.39001	B	4ACSR	7.25Y	120.9	0.00	5.12	0.38	0	3	1	95	0.00	0.0	6.233	0.001	0	0	0	1
PD.6807	PL.39004	B	fuse6AMP	7.25Y	120.9	0.00	5.12	0.38	6	3	1	95	0.00	0.0	6.233	0.000	0	0	0	1
PL.39005	PD.6807	B	4ACSR	7.25Y	120.9	0.00	5.12	0.38	0	3	1	95	0.00	0.0	6.248	0.015	0	0	0	1
PL.39003	PL.39005	B	4ACSR	7.25Y	120.9	0.00	5.12	0.38	0	3	1	95	0.00	0.0	6.250	0.002	0	0	0	1
077807	PL.39003	B	Consumer	7.25Y	120.9	0.00	5.12	0.38	0	3	1	95	0.00	0.0	6.250	0.000	3	1	1	1
PL.38998	PL.12885	B	4ACSR	7.25Y	120.9	0.00	5.10	0.17	0	1	0	100	0.00	0.0	6.091	0.011	0	0	0	1
PD.6806	PL.38998	B	fuse6AMP	7.25Y	120.9	0.00	5.10	0.17	3	1	0	100	0.00	0.0	6.091	0.000	0	0	0	1
PL.38999	PD.6806	B	4ACSR	7.25Y	120.9	0.00	5.10	0.17	0	1	0	100	0.00	0.0	6.170	0.079	0	0	0	1
PL.12889	PL.38999	B	4ACSR	7.25Y	120.9	0.00	5.10	0.17	0	1	0	100	0.00	0.0	6.214	0.043	0	0	0	1
077805	PL.12889	B	Consumer	7.25Y	120.9	0.00	5.10	0.17	0	1	0	100	0.00	0.0	6.214	0.000	1	0	1	1
PL.8248	PL.38999	B	4ACSR	7.25Y	120.9	0.00	5.10	0.00	0	0	0	100	0.00	0.0	6.371	0.201	0	0	0	0
PL.8249	PL.8248	B	4ACSR	7.25Y	120.9	0.00	5.10	0.00	0	0	0	100	0.00	0.0	6.371	0.000	0	0	0	0
077844	PL.8248	B	Consumer	7.25Y	120.9	0.00	5.10	0.00	0	0	0	100	0.00	0.0	6.371	0.000	0	0	0	0
PL.38997	PL.12885	B	4ACSR	7.25Y	120.9	0.00	5.10	4.27	2	29	11	93	0.00	0.0	6.090	0.009	0	0	0	5
PD.6805	PL.38997	B	fuse6AMP	7.25Y	120.9	0.00	5.10	4.27	73	29	11	93	0.00	0.0	6.090	0.000	0	0	0	5
PL.38996	PD.6805	B	4ACSR	7.25Y	120.9	0.01	5.10	4.27	2	29	11	93	0.00	0.0	6.123	0.032	0	0	0	5
077812	PL.38996	B	Consumer	7.25Y	120.9	0.00	5.10	0.57	0	4	1	97	0.00	0.0	6.123	0.000	4	1	1	1
PL.12886	PL.38996	B	4ACSR	7.25Y	120.9	0.02	5.12	3.71	2	25	9	94	0.00	0.0	6.218	0.095	0	0	0	4
PL.8233	PL.12886	B	4ACSR	7.25Y	120.9	0.00	5.12	2.02	1	14	5	94	0.00	0.0	6.254	0.037	0	0	0	2
077824	PL.8233	B	Consumer	7.25Y	120.9	0.00	5.12	0.00	0	0	0	100	0.00	0.0	6.254	0.000	0	0	0	0
PL.8232	PL.8233	B	4ACSR	7.25Y	120.9	0.01	5.13	2.02	1	14	5	94	0.00	0.0	6.312	0.058	0	0	0	2
PL.4707	PL.8232	B	4ACSR	7.25Y	120.9	0.01	5.13	1.87	1	13	5	93	0.00	0.0	6.386	0.074	0	0	0	1
PL.4715	PL.4707	B	4ACSR	7.25Y	120.8	0.02	5.15	1.87	1	13	5	93	0.00	0.0	6.571	0.185	0	0	0	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header 'Units Displayed In Volts -Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.4710	PL.8237	B	4ACSR	7.26Y	121.0	0.00	5.02	0.00	0	0	0	100	0.00	0.0	6.009	0.036	0	0	0	0
0778047	PL.12878	B	Consumer	7.26Y	121.0	0.00	5.02	0.58	0	4	1	97	0.00	0.0	5.972	0.000	4	1	1	1
077831	PL.12880	B	Consumer	7.26Y	121.0	0.00	5.02	1.68	0	11	4	94	0.00	0.0	5.937	0.000	11	4	1	1
077828	PL.8241	B	Consumer	7.26Y	121.0	0.00	5.01	0.00	0	0	0	100	0.00	0.0	5.905	0.000	0	0	0	0
077833	PL.8243	B	Consumer	7.26Y	121.0	0.00	4.98	0.00	0	0	0	100	0.00	0.0	5.809	0.000	0	0	0	0
077832	PL.8243	B	Consumer	7.26Y	121.0	0.00	4.98	0.68	0	5	2	93	0.00	0.0	5.809	0.000	5	2	1	1
077842	PL.12877	B	Consumer	7.27Y	121.1	0.00	4.91	0.78	0	5	2	93	0.00	0.0	5.649	0.000	5	2	1	1
077837	PL.12877	B	Consumer	7.27Y	121.1	0.00	4.91	1.07	0	7	3	92	0.00	0.0	5.649	0.000	7	3	1	1
PL.8244	PL.12876	B	4ACSR	7.27Y	121.1	0.00	4.90	3.05	2	21	8	93	0.00	0.0	5.632	0.009	0	0	0	4
PL.8245	PL.8244	B	4ACSR	7.27Y	121.1	0.01	4.91	3.05	2	21	8	93	0.00	0.0	5.706	0.074	0	0	0	4
PL.8242	PL.8245	B	4ACSR	7.27Y	121.1	0.00	4.91	2.84	1	19	7	94	0.00	0.0	5.708	0.002	0	0	0	3
PL.4709	PL.8242	B	4ACSR	7.27Y	121.1	0.00	4.91	2.84	1	19	7	94	0.00	0.0	5.744	0.036	0	0	0	3
PL.4714	PL.4709	B	4ACSR	7.26Y	121.1	0.01	4.92	2.84	1	19	7	94	0.00	0.0	5.798	0.055	0	0	0	3
077846	PL.4714	B	Consumer	7.26Y	121.1	0.00	4.92	1.47	0	10	4	93	0.00	0.0	5.798	0.000	10	4	1	1
077836	PL.4714	B	Consumer	7.26Y	121.1	0.00	4.92	0.30	0	2	1	89	0.00	0.0	5.798	0.000	2	1	1	1
077838	PL.4714	B	Consumer	7.26Y	121.1	0.00	4.92	1.07	0	7	3	92	0.00	0.0	5.798	0.000	7	3	1	1
077835	PL.8245	B	Consumer	7.27Y	121.1	0.00	4.91	0.20	0	1	1	71	0.00	0.0	5.706	0.000	1	1	1	1
077839	PL.8244	B	Consumer	7.27Y	121.1	0.00	4.90	0.00	0	0	0	100	0.00	0.0	5.632	0.000	0	0	0	0
077830	PL.12873	B	Consumer	7.27Y	121.2	0.00	4.81	0.00	0	0	0	100	0.00	0.0	5.520	0.000	0	0	0	0
PL.15192	PL.12882	B	4ACSR	7.28Y	121.4	0.00	4.61	0.96	0	7	2	96	0.00	0.0	5.380	0.007	0	0	0	1
PD.2242	PL.15192	B	fuse6AMP	7.28Y	121.4	0.00	4.61	0.96	16	7	2	96	0.00	0.0	5.380	0.000	0	0	0	1
PL.15193	PD.2242	B	4ACSR	7.28Y	121.4	0.00	4.61	0.96	0	7	2	96	0.00	0.0	5.469	0.088	0	0	0	1
077818	PL.15193	B	Consumer	7.28Y	121.4	0.00	4.61	0.96	0	7	2	96	0.00	0.0	5.469	0.000	7	2	1	1
077809	PL.12881	B	Consumer	7.29Y	121.6	0.00	4.43	0.30	0	2	1	89	0.00	0.0	5.254	0.000	2	1	1	1
PL.15194	PL.12881	B	4ACSR	7.29Y	121.6	0.00	4.43	0.52	0	4	1	97	0.00	0.0	5.260	0.005	0	0	0	1
PD.2241	PL.15194	B	fuse6AMP	7.29Y	121.6	0.00	4.43	0.52	9	4	1	97	0.00	0.0	5.260	0.000	0	0	0	1
PL.15195	PD.2241	B	4ACSR	7.29Y	121.6	0.00	4.43	0.52	0	4	1	97	0.00	0.0	5.277	0.017	0	0	0	1
PL.8229	PL.15195	B	4ACSR	7.29Y	121.6	0.00	4.43	0.52	0	4	1	97	0.00	0.0	5.309	0.032	0	0	0	1
PL.8230	PL.8229	B	4ACSR	7.29Y	121.6	0.00	4.43	0.00	0	0	0	100	0.00	0.0	5.403	0.095	0	0	0	0
077702	PL.8229	B	Consumer	7.29Y	121.6	0.00	4.43	0.52	0	4	1	97	0.00	0.0	5.309	0.000	4	1	1	1
PL.15196	PL.12871	B	4ACSR	7.30Y	121.7	0.00	4.32	0.84	0	6	2	95	0.00	0.0	5.191	0.005	0	0	0	1
PD.2240	PL.15196	B	fuse6AMP	7.30Y	121.7	0.00	4.32	0.84	14	6	2	95	0.00	0.0	5.191	0.000	0	0	0	1
PL.15197	PD.2240	B	4ACSR	7.30Y	121.7	0.00	4.32	0.84	0	6	2	95	0.00	0.0	5.240	0.049	0	0	0	1
077704	PL.15197	B	Consumer	7.30Y	121.7	0.00	4.32	0.84	0	6	2	95	0.00	0.0	5.240	0.000	6	2	1	1
076744	PL.12870	B	Consumer	7.31Y	121.8	0.00	4.21	1.48	0	10	4	93	0.00	0.0	5.114	0.000	10	4	1	1
PL.15198	PL.12869	B	4ACSR	7.32Y	122.0	0.00	3.96	0.35	0	2	1	89	0.00	0.0	4.967	0.005	0	0	0	1
PD.2217	PL.15198	B	fuse6AMP	7.32Y	122.0	0.00	3.96	0.35	6	2	1	89	0.00	0.0	4.967	0.000	0	0	0	1
PL.15199	PD.2217	B	4ACSR	7.32Y	122.0	0.00	3.96	0.35	0	2	1	89	0.00	0.0	5.065	0.098	0	0	0	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' and a note '-Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements like PL.4699, PL.4696, 077703, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units Displayed In Volts (Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss), mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.15093	PL.8285	A	4ACSR	7.40Y	123.3	0.00	2.66	2.17	1	15	6	93	0.00	0.0	2.577	0.004	0	0	0	2
PL.15094	PL.15093	A	4ACSR	7.40Y	123.3	0.01	2.66	2.17	1	15	6	93	0.00	0.0	2.641	0.065	0	0	0	2
PL.4947	PL.15094	A	4ACSR	7.40Y	123.3	0.00	2.66	1.14	1	8	3	94	0.00	0.0	2.687	0.045	0	0	0	1
076529	PL.4947	A	Consumer	7.40Y	123.3	0.00	2.66	1.14	0	8	3	94	0.00	0.0	2.687	0.000	8	3	1	1
076524	PL.15094	A	Consumer	7.40Y	123.3	0.00	2.66	1.03	0	7	3	92	0.00	0.0	2.641	0.000	7	3	1	1
PL.15091	PL.8285	C	4ACSR	7.42Y	123.7	0.00	2.31	2.05	1	14	5	94	0.00	0.0	2.579	0.005	0	0	0	2
PD.2250	PL.15091	C	fuse6AMP	7.42Y	123.7	0.00	2.31	2.05	35	14	5	94	0.00	0.0	2.579	0.000	0	0	0	2
PL.15092	PD.2250	C	4ACSR	7.42Y	123.7	0.00	2.31	2.05	1	14	5	94	0.00	0.0	2.617	0.038	0	0	0	2
076574	PL.15092	C	Consumer	7.42Y	123.7	0.00	2.31	0.93	0	6	2	95	0.00	0.0	2.617	0.000	6	2	1	1
076572	PL.15092	C	Consumer	7.42Y	123.7	0.00	2.31	1.12	0	8	3	94	0.00	0.0	2.617	0.000	8	3	1	1
076561	PL.8285	A	Consumer	7.40Y	123.3	0.00	2.66	0.29	0	2	1	89	0.00	0.0	2.573	0.000	2	1	1	1
076563	PL.8285	A	Consumer	7.40Y	123.3	0.00	2.66	1.67	0	12	4	95	0.00	0.0	2.573	0.000	12	4	1	1
PL.12823	PL.8285	A	1/0ACSR	7.40Y	123.3	0.03	2.68	23.70	7	164	62	94	0.16	0.0	2.630	0.056	0	0	0	36
		B		7.22Y	120.3	0.05	5.67	44.55	14	301	115	93					0	0	0	53
		C		7.42Y	123.7	0.01	2.32	23.33	7	162	62	93					0	0	0	26
076569	PL.12823	B	Consumer	7.22Y	120.3	0.00	5.67	0.24	0	2	1	89	0.00	0.0	2.630	0.000	2	1	1	1
076571	PL.12823	B	Consumer	7.22Y	120.3	0.00	5.67	0.00	0	0	0	100	0.00	0.0	2.630	0.000	0	0	0	0
PL.8288	PL.12823	A	1/0ACSR	7.40Y	123.3	0.02	2.70	23.70	7	164	62	94	0.12	0.0	2.672	0.042	0	0	0	36
		B		7.22Y	120.3	0.04	5.71	44.32	13	299	114	93					0	0	0	52
		C		7.42Y	123.7	0.01	2.33	23.33	7	162	62	93					0	0	0	26
PL.5015	PL.8288	C	4ACSR	7.42Y	123.7	0.01	2.34	3.55	2	25	9	94	0.00	0.0	2.721	0.049	0	0	0	4
076578	PL.5015	C	Consumer	7.42Y	123.7	0.00	2.34	0.13	0	1	0	100	0.00	0.0	2.721	0.000	1	0	1	1
076560	PL.5015	C	Consumer	7.42Y	123.7	0.00	2.34	0.00	0	0	0	100	0.00	0.0	2.721	0.000	0	0	0	0
PL.8280	PL.5015	C	4ACSR	7.42Y	123.7	0.00	2.34	3.43	2	24	9	94	0.00	0.0	2.739	0.018	0	0	0	3
076575	PL.8280	C	Consumer	7.42Y	123.7	0.00	2.34	1.17	0	8	3	94	0.00	0.0	2.739	0.000	8	3	1	1
PL.8281	PL.8280	C	4ACSR	7.42Y	123.7	0.00	2.35	2.26	1	16	6	94	0.00	0.0	2.759	0.020	0	0	0	2
076565	PL.8281	C	Consumer	7.42Y	123.7	0.00	2.35	1.18	0	8	3	94	0.00	0.0	2.759	0.000	8	3	1	1
076564	PL.8281	C	Consumer	7.42Y	123.7	0.00	2.35	1.08	0	8	3	94	0.00	0.0	2.759	0.000	8	3	1	1
076573	PL.8288	B	Consumer	7.22Y	120.3	0.00	5.71	1.18	0	8	3	94	0.00	0.0	2.672	0.000	8	3	1	1
076543	PL.8288	B	Consumer	7.22Y	120.3	0.00	5.71	0.61	0	4	2	89	0.00	0.0	2.672	0.000	4	2	1	1
076545	PL.8288	B	Consumer	7.22Y	120.3	0.00	5.71	1.87	0	13	5	93	0.00	0.0	2.672	0.000	13	5	1	1
076581	PL.8288	B	Consumer	7.22Y	120.3	0.00	5.71	1.27	0	9	3	95	0.00	0.0	2.672	0.000	9	3	1	1
PL.8286	PL.8288	A	1/0ACSR	7.40Y	123.3	0.02	2.72	23.70	7	164	62	94	0.08	0.0	2.709	0.037	0	0	0	36
		B		7.22Y	120.3	0.03	5.74	39.39	12	266	101	93					0	0	0	48
		C		7.42Y	123.7	0.01	2.34	19.77	6	137	52	93					0	0	0	22
PL.8287	PL.8286	A	1/0ACSR	7.39Y	123.2	0.05	2.77	23.70	7	164	62	94	0.20	0.0	2.799	0.091	0	0	0	36
		B		7.21Y	120.2	0.07	5.82	39.39	12	266	101	93					0	0	0	48
		C		7.42Y	123.6	0.02	2.36	19.77	6	137	52	93					0	0	0	22
PL.8258	PL.8287	A	1/0ACSR	7.39Y	123.2	0.02	2.79	21.91	7	152	57	94	0.07	0.0	2.833	0.034	0	0	0	34
		B		7.21Y	120.2	0.03	5.85	39.39	12	265	101	93					0	0	0	48
		C		7.42Y	123.6	0.00	2.36	15.10	5	105	40	93					0	0	0	17
076516	PL.8258	B	Consumer	7.21Y	120.2	0.00	5.85	1.12	0	8	3	94	0.00	0.0	2.833	0.000	8	3	1	1
0765088	076516	B	Consumer	7.21Y	120.2	0.00	5.85	0.00	0	0	0	100	0.00	0.0	2.833	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 076583, PL.33666, PL.33667, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

10/22/2007 09:26 Page 535

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PD.2255	PL.15325	B	fuse6AMP	7.19Y	119.9	0.00	6.12	0.00	0	0	0	100	0.00	0.0	3.189	0.000	0	0	0	0
PL.15326	PD.2255	B	4ACSR	7.19Y	119.9	0.00	6.12	0.00	0	0	0	100	0.00	0.0	3.257	0.067	0	0	0	0
PL.8257	PL.15326	B	4ACSR	7.19Y	119.9	0.00	6.12	0.00	0	0	0	100	0.00	0.0	3.296	0.039	0	0	0	0
076528	PL.12648	C	Consumer	7.42Y	123.6	0.00	2.37	1.17	0	8	3	94	0.00	0.0	3.184	0.000	8	3	1	1
PL.12649	PL.12648	A	1/0ACSR	7.38Y	123.0	0.05	3.02	21.69	7	150	56	94	0.17	0.0	3.278	0.094	0	0	0	32
		B		7.19Y	119.8	0.07	6.19	37.49	11	252	96	94					0	0	0	45
		C		7.42Y	123.6	-0.01	2.36	9.29	3	64	24	94					0	0	0	11
PL.8256	PL.12649	A	1/0ACSR	7.38Y	122.9	0.05	3.07	21.69	7	150	56	94	0.16	0.0	3.369	0.091	0	0	0	32
		B		7.18Y	119.7	0.07	6.25	36.70	11	247	93	94					0	0	0	43
		C		7.42Y	123.6	-0.00	2.36	9.29	3	64	24	94					0	0	0	11
PL.12650	PL.8256	A	1/0ACSR	7.37Y	122.9	0.02	3.09	21.69	7	150	56	94	0.07	0.0	3.409	0.040	0	0	0	32
		B		7.18Y	119.7	0.03	6.28	36.28	11	244	92	94					0	0	0	42
		C		7.42Y	123.6	-0.00	2.36	9.29	3	64	24	94					0	0	0	11
PL.12651	PL.12650	A	1/0ACSR	7.37Y	122.8	0.09	3.19	21.11	6	146	55	94	0.27	0.1	3.567	0.158	0	0	0	31
		B		7.18Y	119.6	0.11	6.40	35.95	11	242	91	94					0	0	0	41
		C		7.42Y	123.7	-0.03	2.32	2.80	1	19	7	94					0	0	0	2
0765086	PL.12651	A	Consumer	7.37Y	122.8	0.00	3.19	0.52	0	4	1	97	0.00	0.0	3.567	0.000	4	1	1	1
076562	PL.12651	A	Consumer	7.37Y	122.8	0.00	3.19	1.04	0	7	3	92	0.00	0.0	3.567	0.000	7	3	1	1
PL.12652	PL.12651	A	1/0ACSR	7.37Y	122.8	0.01	3.20	19.55	6	135	51	94	0.04	0.0	3.591	0.024	0	0	0	29
		B		7.18Y	119.6	0.02	6.41	35.95	11	241	91	94					0	0	0	41
		C		7.42Y	123.7	-0.00	2.32	2.80	1	19	7	94					0	0	0	2
PL.15333	PL.12652	B	4ACSR	7.18Y	119.6	0.00	6.42	8.52	4	57	21	94	0.00	0.0	3.597	0.005	0	0	0	9
C PD.2258	PL.15333	B	fuse6AMP	7.18Y	119.6	0.00	6.42	8.52	145	57	21	94	0.00	0.0	3.597	0.000	0	0	0	9 C
PL.15334	PD.2258	B	4ACSR	7.17Y	119.6	0.01	6.43	8.52	4	57	21	94	0.01	0.0	3.627	0.031	0	0	0	9
PL.8254	PL.15334	B	4ACSR	7.17Y	119.6	0.02	6.45	6.25	3	42	16	93	0.01	0.0	3.699	0.072	0	0	0	7
PL.37624	PL.8254	B	2ACSR	7.17Y	119.5	0.00	6.45	2.36	1	16	6	94	0.00	0.0	3.728	0.029	0	0	0	3
076523	PL.37624	B	Consumer	7.17Y	119.5	0.00	6.45	0.72	0	5	2	93	0.00	0.0	3.728	0.000	5	2	1	1
076513	PL.37624	B	Consumer	7.17Y	119.5	0.00	6.45	1.45	0	10	4	93	0.00	0.0	3.728	0.000	10	4	1	1
PL.37625	PL.37624	B	2ACSR	7.17Y	119.5	0.00	6.45	0.18	0	1	0	100	0.00	0.0	3.767	0.039	0	0	0	1
076554	PL.37625	B	Consumer	7.17Y	119.5	0.00	6.45	0.18	0	1	0	100	0.00	0.0	3.767	0.000	1	0	1	1
076532	PL.8254	B	Consumer	7.17Y	119.6	0.00	6.45	0.64	0	4	2	89	0.00	0.0	3.699	0.000	4	2	1	1
076514	PL.8254	B	Consumer	7.17Y	119.6	0.00	6.45	1.69	0	11	4	94	0.00	0.0	3.699	0.000	11	4	1	1
076547	PL.8254	B	Consumer	7.17Y	119.6	0.00	6.45	0.00	0	0	0	100	0.00	0.0	3.699	0.000	0	0	0	0
076548	PL.8254	B	Consumer	7.17Y	119.6	0.00	6.45	0.08	0	1	0	100	0.00	0.0	3.699	0.000	1	0	1	1
076549	PL.8254	B	Consumer	7.17Y	119.6	0.00	6.45	1.48	0	10	4	93	0.00	0.0	3.699	0.000	10	4	1	1
076542	PL.15334	B	Consumer	7.17Y	119.6	0.00	6.43	1.34	0	9	3	95	0.00	0.0	3.627	0.000	9	3	1	1
076521	PL.15334	B	Consumer	7.17Y	119.6	0.00	6.43	0.92	0	6	2	95	0.00	0.0	3.627	0.000	6	2	1	1
PL.12653	PL.12652	A	1/0ACSR	7.36Y	122.7	0.06	3.26	19.55	6	135	51	94	0.13	0.0	3.709	0.118	0	0	0	29
		B		7.17Y	119.5	0.06	6.47	27.44	8	184	69	94					0	0	0	32
		C		7.42Y	123.7	-0.02	2.30	2.80	1	19	7	94					0	0	0	2
PL.12836	PL.12653	A	1/0ACSR	7.36Y	122.7	0.04	3.30	19.55	6	135	51	94	0.07	0.0	3.775	0.066	0	0	0	29
		B		7.17Y	119.5	0.03	6.51	27.44	8	184	69	94					0	0	0	32
		C		7.42Y	123.7	-0.01	2.29	2.80	1	19	7	94					0	0	0	2
PL.15335	PL.12836	B	4ACSR	7.17Y	119.5	0.00	6.51	6.71	3	45	17	94	0.00	0.0	3.780	0.005	0	0	0	10
C PD.1141	PL.15335	B	fuse6AMP	7.17Y	119.5	0.00	6.51	6.71	115	45	17	94	0.00	0.0	3.780	0.000	0	0	0	10 C

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

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' and '-Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' with a base voltage of 120.0.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
077546	PL.5001	B	Consumer	7.16Y	119.3	0.00	6.69	0.00	0	0	0	100	0.00	0.0	4.292	0.000	0	0	0	0
077536	PL.5001	B	Consumer	7.16Y	119.3	0.00	6.69	1.76	0	12	4	95	0.00	0.0	4.292	0.000	12	4	1	1
077506	PL.35551	B	Consumer	7.16Y	119.3	0.00	6.68	0.38	0	3	1	95	0.00	0.0	4.221	0.000	3	1	1	1
PL.15340	PL.31918	A	4ACSR	7.36Y	122.6	0.00	3.40	19.55	10	135	51	94	0.01	0.0	3.982	0.005	0	0	0	29
PD.17-A	PL.15340	A	Closed	7.36Y	122.6	0.00	3.40	19.55	0	135	51	94	0.00	0.0	3.982	0.000	0	0	0	29
PD.17-B	PD.17-A	A	Closed	7.36Y	122.6	0.00	3.40	19.55	0	135	51	94	0.00	0.0	3.982	0.000	0	0	0	29
PL.15341	PD.17-B	A	4ACSR	7.36Y	122.6	0.00	3.41	19.55	10	135	51	94	0.01	0.0	3.987	0.005	0	0	0	29
PD.3441	PL.15341	A	50V4E	7.36Y	122.6	0.00	3.41	19.55	0	135	51	94	0.00	0.0	3.987	0.000	0	0	0	29
PL.15342	PD.3441	A	4ACSR	7.35Y	122.5	0.10	3.51	19.55	10	135	51	94	0.10	0.1	4.102	0.114	0	0	0	29
PL.12839	PL.15342	A	4ACSR	7.35Y	122.5	0.01	3.52	19.55	10	134	51	93	0.01	0.0	4.112	0.011	0	0	0	29
077532	PL.12839	A	Consumer	7.35Y	122.5	0.00	3.52	0.54	0	4	1	97	0.00	0.0	4.112	0.000	4	1	1	1
PL.34932	PL.12839	A	4ACSR	7.35Y	122.5	0.00	3.52	1.85	1	13	5	93	0.00	0.0	4.118	0.005	0	0	0	3
PD.5015	PL.34932	A	fuse6AMP	7.35Y	122.5	0.00	3.52	1.85	32	13	5	93	0.00	0.0	4.118	0.000	0	0	0	3
PL.34935	PD.5015	A	4ACSR	7.35Y	122.5	0.00	3.52	1.85	1	13	5	93	0.00	0.0	4.121	0.003	0	0	0	3
PL.34934	PL.34935	A	4ACSR	7.35Y	122.5	0.00	3.52	0.93	0	6	2	95	0.00	0.0	4.134	0.014	0	0	0	2
077523	PL.34934	A	Consumer	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	4.134	0.000	0	0	1	1
077519	PL.34934	A	Consumer	7.35Y	122.5	0.00	3.52	0.92	0	6	2	95	0.00	0.0	4.134	0.000	6	2	1	1
PL.34936	PL.34935	A	4ACSR	7.35Y	122.5	0.00	3.52	0.92	0	6	2	95	0.00	0.0	4.148	0.027	0	0	0	1
077520	PL.34936	A	Consumer	7.35Y	122.5	0.00	3.52	0.92	0	6	2	95	0.00	0.0	4.148	0.000	6	2	1	1
PL.12841	PL.12839	A	4ACSR	7.34Y	122.4	0.06	3.58	17.15	9	118	44	94	0.06	0.0	4.192	0.080	0	0	0	25
PL.12842	PL.12841	A	4ACSR	7.34Y	122.4	0.01	3.60	16.28	8	112	42	94	0.01	0.0	4.207	0.015	0	0	0	23
077428	PL.12842	A	Consumer	7.34Y	122.4	0.00	3.60	0.47	0	3	1	95	0.00	0.0	4.207	0.000	3	1	1	1
077406	PL.12842	A	Consumer	7.34Y	122.4	0.00	3.60	0.27	0	2	1	89	0.00	0.0	4.207	0.000	2	1	1	1
PL.12843	PL.12842	A	4ACSR	7.34Y	122.3	0.09	3.68	15.55	8	107	40	94	0.07	0.1	4.331	0.124	0	0	0	21
PL.34939	PL.12843	A	4ACSR	7.34Y	122.3	0.00	3.68	1.21	1	8	3	94	0.00	0.0	4.337	0.005	0	0	0	3
PD.5017	PL.34939	A	fuse6AMP	7.34Y	122.3	0.00	3.68	1.21	21	8	3	94	0.00	0.0	4.337	0.000	0	0	0	3
PL.34940	PD.5017	A	4ACSR	7.34Y	122.3	0.00	3.69	1.21	1	8	3	94	0.00	0.0	4.373	0.037	0	0	0	3
PL.4997	PL.34940	A	4ACSR	7.34Y	122.3	0.00	3.69	0.15	0	1	0	100	0.00	0.0	4.433	0.060	0	0	0	1
077423	PL.4997	A	Consumer	7.34Y	122.3	0.00	3.69	0.15	0	1	0	100	0.00	0.0	4.433	0.000	1	0	1	1
077407	PL.34940	A	Consumer	7.34Y	122.3	0.00	3.69	1.06	0	7	3	92	0.00	0.0	4.373	0.000	7	3	1	1
077411	PL.34940	A	Consumer	7.34Y	122.3	0.00	3.69	0.00	0	0	0	100	0.00	0.0	4.373	0.000	0	0	1	1
PL.12844	PL.12843	A	4ACSR	7.33Y	122.2	0.11	3.79	14.34	7	98	37	94	0.08	0.1	4.499	0.167	0	0	0	17
PL.34945	PL.12844	A	4ACSR	7.33Y	122.2	0.00	3.79	1.56	1	11	4	94	0.00	0.0	4.509	0.011	0	0	0	3
PD.5020	PL.34945	A	fuse6AMP	7.33Y	122.2	0.00	3.79	1.56	27	11	4	94	0.00	0.0	4.509	0.000	0	0	0	3
PL.34946	PD.5020	A	4ACSR	7.33Y	122.2	0.01	3.80	1.56	1	11	4	94	0.00	0.0	4.622	0.112	0	0	0	3
PL.5002	PL.34946	A	4ACSR	7.33Y	122.2	0.01	3.82	1.56	1	11	4	94	0.00	0.0	4.823	0.202	0	0	0	3
PL.8296	PL.5002	A	4ACSR	7.33Y	122.2	0.01	3.82	1.56	1	11	4	94	0.00	0.0	4.918	0.095	0	0	0	3
077402	PL.8296	A	Consumer	7.33Y	122.2	0.00	3.82	1.03	0	7	3	92	0.00	0.0	4.918	0.000	7	3	1	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
077437	PL.8296	A	Consumer	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	4.918	0.000	0	0	1	1
PL.8297	PL.8296	A	4ACSR	7.33Y	122.2	0.00	3.83	0.53	0	4	1	97	0.00	0.0	5.034	0.116	0	0	0	1
077401	PL.8297	A	Consumer	7.33Y	122.2	0.00	3.83	0.53	0	4	1	97	0.00	0.0	5.034	0.000	4	1	1	1
PL.4994	PL.34946	A	4ACSR	7.33Y	122.2	0.00	3.80	0.00	0	0	0	100	0.00	0.0	4.741	0.119	0	0	0	0
PL.12845	PL.12844	A	4ACSR	7.33Y	122.2	0.05	3.84	12.77	7	88	33	94	0.03	0.0	4.577	0.078	0	0	0	14
PL.15347	PL.12845	A	4ACSR	7.33Y	122.2	0.00	3.84	1.75	1	12	5	92	0.00	0.0	4.582	0.005	0	0	0	1
PD.1144	PL.15347	A	fuse6AMP	7.33Y	122.2	0.00	3.84	1.75	30	12	5	92	0.00	0.0	4.582	0.000	0	0	0	1
PL.15295	PD.1144	A	4ACSR	7.33Y	122.1	0.02	3.86	1.75	1	12	5	92	0.00	0.0	4.787	0.204	0	0	0	1
077418	PL.15295	A	Consumer	7.33Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	4.787	0.000	0	0	0	0
077426	PL.15295	A	Consumer	7.33Y	122.1	0.00	3.86	1.75	0	12	5	92	0.00	0.0	4.787	0.000	12	5	1	1
PL.34949	PL.12845	A	4ACSR	7.33Y	122.2	0.00	3.84	9.18	5	63	24	93	0.00	0.0	4.587	0.010	0	0	0	11
PD.5022-A	PL.34949	A	Closed	7.33Y	122.2	0.00	3.84	9.18	0	63	24	93	0.00	0.0	4.587	0.000	0	0	0	11
PD.5022-B	PD.5022-A	A	Closed	7.33Y	122.2	0.00	3.84	9.18	0	63	24	93	0.00	0.0	4.587	0.000	0	0	0	11
PL.34950	PD.5022-B	A	4ACSR	7.33Y	122.1	0.07	3.91	9.18	5	63	24	93	0.03	0.1	4.748	0.161	0	0	0	11
PL.5025	PL.34950	A	4ACSR	7.32Y	122.1	0.01	3.92	1.09	1	7	3	92	0.00	0.0	4.870	0.122	0	0	0	1
077433	PL.5025	A	Consumer	7.32Y	122.1	0.00	3.92	1.09	0	7	3	92	0.00	0.0	4.870	0.000	7	3	1	1
PL.12847	PL.34950	A	4ACSR	7.32Y	122.1	0.01	3.92	8.09	4	55	21	93	0.00	0.0	4.770	0.022	0	0	0	10
PL.12848	PL.12847	A	4ACSR	7.32Y	122.1	0.02	3.94	6.85	4	47	18	93	0.01	0.0	4.836	0.066	0	0	0	8
077425	PL.12848	A	Consumer	7.32Y	122.1	0.00	3.94	0.00	0	0	0	100	0.00	0.0	4.836	0.000	0	0	0	0
077427	PL.12848	A	Consumer	7.32Y	122.1	0.00	3.94	0.00	0	0	0	100	0.00	0.0	4.836	0.000	0	0	0	0
077429	PL.12848	A	Consumer	7.32Y	122.1	0.00	3.94	0.00	0	0	0	100	0.00	0.0	4.836	0.000	0	0	0	0
PL.12849	PL.12848	A	4ACSR	7.32Y	122.0	0.01	3.95	6.85	4	47	18	93	0.01	0.0	4.883	0.046	0	0	0	8
PL.12850	PL.12849	A	4ACSR	7.32Y	122.0	0.01	3.96	6.85	4	47	18	93	0.00	0.0	4.907	0.024	0	0	0	8
PL.12851	PL.12850	A	4ACSR	7.32Y	122.0	0.01	3.97	5.79	3	40	15	94	0.00	0.0	4.937	0.030	0	0	0	6
077435	PL.12851	A	Consumer	7.32Y	122.0	0.00	3.97	0.51	0	4	1	97	0.00	0.0	4.937	0.000	4	1	1	1
077430	PL.12851	A	Consumer	7.32Y	122.0	0.00	3.97	0.06	0	0	0	100	0.00	0.0	4.937	0.000	0	0	1	1
PL.12852	PL.12851	A	4ACSR	7.32Y	122.0	0.01	3.98	5.22	3	36	13	94	0.00	0.0	4.963	0.026	0	0	0	4
PL.12853	PL.12852	A	4ACSR	7.32Y	122.0	0.03	4.00	3.45	2	24	9	94	0.00	0.0	5.126	0.163	0	0	0	3
078405	PL.12853	A	Consumer	7.32Y	122.0	0.00	4.00	1.28	0	9	3	95	0.00	0.0	5.126	0.000	9	3	1	1
078403	PL.12853	A	Consumer	7.32Y	122.0	0.00	4.00	0.00	0	0	0	100	0.00	0.0	5.126	0.000	0	0	0	0
PL.8292	PL.12853	A	4ACSR	7.32Y	122.0	0.00	4.01	2.17	1	15	6	93	0.00	0.0	5.171	0.045	0	0	0	2
PL.8293	PL.8292	A	4ACSR	7.32Y	122.0	0.00	4.01	1.13	1	8	3	94	0.00	0.0	5.241	0.070	0	0	0	1
078404	PL.8293	A	Consumer	7.32Y	122.0	0.00	4.01	1.13	0	8	3	94	0.00	0.0	5.241	0.000	8	3	1	1
078402	PL.8293	A	Consumer	7.32Y	122.0	0.00	4.01	0.00	0	0	0	100	0.00	0.0	5.241	0.000	0	0	0	0
078406	PL.8292	A	Consumer	7.32Y	122.0	0.00	4.01	1.04	0	7	3	92	0.00	0.0	5.171	0.000	7	3	1	1
077419	PL.12852	A	Consumer	7.32Y	122.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	4.963	0.000	0	0	0	0
077421	PL.12852	A	Consumer	7.32Y	122.0	0.00	3.98	1.78	0	12	5	92	0.00	0.0	4.963	0.000	12	5	1	1
077424	PL.12850	A	Consumer	7.32Y	122.0	0.00	3.96	0.01	0	0	0	100	0.00	0.0	4.907	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' and '-Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
PL.19221	PL.19220	C	4ACSR	7.42Y	123.6	0.01	2.39	3.54	2	25	9	94	0.00	0.0	3.566	0.052	0	0	0	6
076539	PL.19221	C	Consumer	7.42Y	123.6	0.00	2.39	0.66	0	5	2	93	0.00	0.0	3.566	0.000	5	2	1	1
076551	PL.19221	C	Consumer	7.42Y	123.6	0.00	2.39	0.02	0	0	0	100	0.00	0.0	3.566	0.000	0	0	1	1
076534	PL.19221	C	Consumer	7.42Y	123.6	0.00	2.39	1.18	0	8	3	94	0.00	0.0	3.566	0.000	8	3	1	1
076544	PL.19221	C	Consumer	7.42Y	123.6	0.00	2.39	0.82	0	6	2	95	0.00	0.0	3.566	0.000	6	2	1	1
PL.5017	PL.19221	C	4ACSR	7.42Y	123.6	0.00	2.40	0.86	0	6	2	95	0.00	0.0	3.631	0.064	0	0	0	2
PL.5019	PL.5017	C	4ACSR	7.42Y	123.6	0.00	2.40	0.54	0	4	1	97	0.00	0.0	3.687	0.057	0	0	0	1
0765079	PL.5019	C	Consumer	7.42Y	123.6	0.00	2.40	0.54	0	4	1	97	0.00	0.0	3.687	0.000	4	1	1	1
076576	PL.5017	C	Consumer	7.42Y	123.6	0.00	2.40	0.32	0	2	1	89	0.00	0.0	3.631	0.000	2	1	1	1
076536	PL.19220	C	Consumer	7.42Y	123.6	0.00	2.39	1.10	0	8	3	94	0.00	0.0	3.514	0.000	8	3	1	1
076552	PL.19220	C	Consumer	7.42Y	123.6	0.00	2.39	1.25	0	9	3	95	0.00	0.0	3.514	0.000	9	3	1	1
076533	PL.8256	B	Consumer	7.18Y	119.7	0.00	6.25	0.42	0	3	1	95	0.00	0.0	3.369	0.000	3	1	1	1
076502	PL.12649	B	Consumer	7.19Y	119.8	0.00	6.19	0.44	0	3	1	95	0.00	0.0	3.278	0.000	3	1	1	1
076512	PL.12649	B	Consumer	7.19Y	119.8	0.00	6.19	0.35	0	2	1	89	0.00	0.0	3.278	0.000	2	1	1	1
PL.4722	PL.17437	A	1/0ACSR	7.39Y	123.1	0.00	2.87	0.21	0	1	1	71	0.00	0.0	3.014	0.021	0	0	0	2
		B		7.20Y	120.0	-0.00	5.97	0.00	0	0	0	100					0	0	0	0
		C		7.42Y	123.6	0.00	2.37	0.00	0	0	0	100					0	0	0	0
PL.15321	PL.4722	A	4ACSR	7.39Y	123.1	0.00	2.87	0.21	0	1	1	71	0.00	0.0	3.020	0.005	0	0	0	2
PD.1763	PL.15321	A	fuse6AMP	7.39Y	123.1	0.00	2.87	0.21	4	1	1	71	0.00	0.0	3.020	0.000	0	0	0	2
PL.15322	PD.1763	A	4ACSR	7.39Y	123.1	0.00	2.87	0.21	0	1	1	71	0.00	0.0	3.066	0.047	0	0	0	2
076530	PL.15322	A	Consumer	7.39Y	123.1	0.00	2.87	0.21	0	1	1	71	0.00	0.0	3.066	0.000	1	1	1	1
076541	PL.15322	A	Consumer	7.39Y	123.1	0.00	2.87	0.00	0	0	0	100	0.00	0.0	3.066	0.000	0	0	1	1
PL.24723	PL.20509	A	2ACSR	7.39Y	123.2	-0.00	2.84	0.01	0	0	0	100	0.00	0.0	2.959	0.019	0	0	0	0
		B		7.20Y	120.1	0.00	5.93	0.01	0	0	0	90					0	0	0	0
		C		7.42Y	123.6	0.00	2.37	0.01	0	0	0	90					0	0	0	0
PL.24724	PL.24723	A	2ACSR	7.39Y	123.2	-0.00	2.84	0.01	0	0	0	100	0.00	0.0	2.979	0.019	0	0	0	0
		B		7.20Y	120.1	0.00	5.93	0.01	0	0	0	90					0	0	0	0
		C		7.42Y	123.6	0.00	2.37	0.01	0	0	0	90					0	0	0	0
076553	PL.24724	A	Consumer	7.39Y	123.2	0.00	2.84	0.01	0	0	0	100	0.00	0.0	2.979	0.000	0	0	0	0
		B		7.20Y	120.1	0.00	5.93	0.01	0	0	0	90					0	0	0	0
		C		7.42Y	123.6	0.00	2.37	0.01	0	0	0	90					0	0	0	0
0765085	PL.33666	C	Consumer	7.42Y	123.6	0.00	2.36	0.43	0	3	1	95	0.00	0.0	2.870	0.000	3	1	1	1
076535	PL.8287	C	Consumer	7.42Y	123.6	0.00	2.36	0.04	0	0	0	100	0.00	0.0	2.799	0.000	0	0	1	1
076557	PL.8287	C	Consumer	7.42Y	123.6	0.00	2.36	1.04	0	7	3	92	0.00	0.0	2.799	0.000	7	3	1	1
PL.15317	PL.8287	C	4ACSR	7.42Y	123.6	0.00	2.36	3.59	2	25	9	94	0.00	0.0	2.805	0.006	0	0	0	3
PD.2252	PL.15317	C	fuse6AMP	7.42Y	123.6	0.00	2.36	3.59	61	25	9	94	0.00	0.0	2.805	0.000	0	0	0	3
PL.15318	PD.2252	C	4ACSR	7.42Y	123.6	0.00	2.36	3.59	2	25	9	94	0.00	0.0	2.832	0.028	0	0	0	3
PL.12824	PL.15318	C	4ACSR	7.42Y	123.6	0.00	2.37	3.59	2	25	9	94	0.00	0.0	2.851	0.019	0	0	0	3
076582	PL.12824	C	Consumer	7.42Y	123.6	0.00	2.37	1.32	0	9	3	95	0.00	0.0	2.851	0.000	9	3	1	1
PL.12825	PL.12824	C	4ACSR	7.42Y	123.6	0.00	2.37	1.43	1	10	4	93	0.00	0.0	2.910	0.059	0	0	0	1
076519	PL.12825	C	Consumer	7.42Y	123.6	0.00	2.37	1.43	0	10	4	93	0.00	0.0	2.910	0.000	10	4	1	1
PL.8289	PL.12824	C	4ACSR	7.42Y	123.6	0.00	2.37	0.84	0	6	2	95	0.00	0.0	2.877	0.026	0	0	0	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
0765087	PL.8289	C	Consumer	7.42Y	123.6	0.00	2.37	0.84	0	6	2	95	0.00	0.0	2.877	0.000	6	2	1	1
PL.15095	PL.8287	A	4ACSR	7.39Y	123.2	0.00	2.77	1.78	1	12	5	92	0.00	0.0	2.805	0.005	0	0	0	2
PD.2251	PL.15095	A	fuse6AMP	7.39Y	123.2	0.00	2.77	1.78	30	12	5	92	0.00	0.0	2.805	0.000	0	0	0	2
PL.15096	PD.2251	A	4ACSR	7.39Y	123.2	0.01	2.78	1.78	1	12	5	92	0.00	0.0	2.900	0.095	0	0	0	2
PL.4723	PL.15096	A	4ACSR	7.39Y	123.2	0.00	2.78	0.84	0	6	2	95	0.00	0.0	2.990	0.090	0	0	0	1
076550	PL.4723	A	Consumer	7.39Y	123.2	0.00	2.78	0.84	0	6	2	95	0.00	0.0	2.990	0.000	6	2	1	1
076517	PL.15096	A	Consumer	7.39Y	123.2	0.00	2.78	0.95	0	7	2	96	0.00	0.0	2.900	0.000	7	2	1	1
076566	PL.8286	B	Consumer	7.22Y	120.3	0.00	5.74	0.00	0	0	0	100	0.00	0.0	2.709	0.000	0	0	0	0
076525	PL.44257	B	Consumer	7.23Y	120.5	0.00	5.51	0.90	0	6	2	95	0.00	0.0	2.453	0.000	6	2	1	1
PL.15231	PL.12819	C	4ACSR	7.42Y	123.7	0.01	2.25	19.33	10	134	51	93	0.01	0.0	2.342	0.006	0	0	0	27
PD.3434	PL.15231	C	25V4E	7.42Y	123.7	0.00	2.25	19.33	77	134	51	93	0.00	0.0	2.342	0.000	0	0	0	27
PL.15232	PD.3434	C	4ACSR	7.42Y	123.7	0.02	2.27	19.33	10	134	51	93	0.02	0.0	2.361	0.020	0	0	0	27
PL.12820	PL.15232	C	4ACSR	7.41Y	123.5	0.21	2.48	19.33	10	134	51	93	0.21	0.2	2.601	0.240	0	0	0	27
075520	PL.12820	C	Consumer	7.41Y	123.5	0.00	2.48	0.94	0	7	2	96	0.00	0.0	2.601	0.000	7	2	1	1
PL.12821	PL.12820	C	4ACSR	7.41Y	123.4	0.10	2.58	12.62	7	88	33	94	0.06	0.1	2.770	0.169	0	0	0	19
PL.35542	PL.12821	C	4ACSR	7.41Y	123.4	0.00	2.58	1.30	1	9	3	95	0.00	0.0	2.781	0.012	0	0	0	1
PD.5212	PL.35542	C	fuse6AMP	7.41Y	123.4	0.00	2.58	1.30	22	9	3	95	0.00	0.0	2.781	0.000	0	0	0	1
PL.35543	PD.5212	C	4ACSR	7.40Y	123.4	0.01	2.59	1.30	1	9	3	95	0.00	0.0	2.886	0.105	0	0	0	1
0755119	PL.35543	C	Consumer	7.40Y	123.4	0.00	2.59	0.00	0	0	0	100	0.00	0.0	2.886	0.000	0	0	0	0
PL.4988	PL.35543	C	4ACSR	7.40Y	123.4	0.01	2.59	1.30	1	9	3	95	0.00	0.0	2.978	0.092	0	0	0	1
075587	PL.4988	C	Consumer	7.40Y	123.4	0.00	2.59	1.30	0	9	3	95	0.00	0.0	2.978	0.000	9	3	1	1
PL.12822	PL.12821	C	4ACSR	7.40Y	123.4	0.02	2.60	9.95	5	69	26	94	0.01	0.0	2.812	0.043	0	0	0	16
PL.8262	PL.12822	C	4ACSR	7.40Y	123.4	0.02	2.62	9.41	5	65	25	93	0.01	0.0	2.867	0.055	0	0	0	15
075508	PL.8262	C	Consumer	7.40Y	123.4	0.00	2.62	0.27	0	2	1	89	0.00	0.0	2.867	0.000	2	1	1	1
PL.8263	PL.8262	C	4ACSR	7.40Y	123.4	0.00	2.63	1.09	1	8	3	94	0.00	0.0	2.915	0.048	0	0	0	4
PL.8264	PL.8263	C	4ACSR	7.40Y	123.4	0.00	2.63	0.80	0	6	2	95	0.00	0.0	2.949	0.034	0	0	0	2
PL.4959	PL.8264	C	4ACSR	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	3.022	0.072	0	0	0	0
075537	PL.4959	C	Consumer	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	3.022	0.000	0	0	0	0
075507	PL.8264	C	Consumer	7.40Y	123.4	0.00	2.63	0.08	0	1	0	100	0.00	0.0	2.949	0.000	1	0	1	1
0755108	PL.8264	C	Consumer	7.40Y	123.4	0.00	2.63	0.72	0	5	2	93	0.00	0.0	2.949	0.000	5	2	1	1
075542	PL.8263	C	Consumer	7.40Y	123.4	0.00	2.63	0.29	0	2	1	89	0.00	0.0	2.915	0.000	2	1	1	1
075523	PL.8263	C	Consumer	7.40Y	123.4	0.00	2.63	0.01	0	0	0	100	0.00	0.0	2.915	0.000	0	0	1	1
PL.35544	PL.8262	C	4ACSR	7.40Y	123.4	0.00	2.63	8.05	4	56	21	94	0.00	0.0	2.875	0.008	0	0	0	10
PL.37749	PL.35544	C	4ACSR	7.40Y	123.4	0.00	2.63	8.05	4	56	21	94	0.00	0.0	2.885	0.009	0	0	0	10
PD.6219-A	PL.37749	C	Closed	7.40Y	123.4	0.00	2.63	8.05	0	56	21	94	0.00	0.0	2.885	0.000	0	0	0	10
PD.6219-B	PD.6219-A	C	Closed	7.40Y	123.4	0.00	2.63	8.05	0	56	21	94	0.00	0.0	2.885	0.000	0	0	0	10
PL.37750	PD.6219-B	C	4ACSR	7.40Y	123.3	0.02	2.65	8.05	4	56	21	94	0.01	0.0	2.942	0.057	0	0	0	10
075562	PL.37750	C	Consumer	7.40Y	123.3	0.00	2.65	0.86	0	6	2	95	0.00	0.0	2.942	0.000	6	2	1	1

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Units Displayed In Volts (Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss), mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for various elements like PL.8261, PL.4948, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
075624	PL.15222	B	Consumer	7.30Y	121.6	0.00	4.37	0.98	0	7	3	92	0.00	0.0	2.041	0.000	7	3	1	1
PL.44164	PL.12816	A	4ACSR	7.43Y	123.9	0.00	2.10	0.00	0	0	0	100	0.00	0.0	1.779	0.011	0	0	0	0
PD.516-A	PL.44164	A	Open	7.43Y	123.9	0.00	2.10	0.00	0	0	0	100	0.00	0.0	1.779	0.000	0	0	0	0
PL.15233	PL.12815	C	4ACSR	7.46Y	124.3	0.00	1.71	5.24	3	36	16	91	0.00	0.0	1.542	0.005	0	0	0	9
C PD.2203	PL.15233	C	fuse6AMP	7.46Y	124.3	0.00	1.71	5.24	90	36	16	91	0.00	0.0	1.542	0.000	0	0	0	9 C
PL.15234	PD.2203	C	4ACSR	7.45Y	124.2	0.04	1.75	5.24	3	36	16	91	0.01	0.0	1.703	0.161	0	0	0	9
PL.25241	PL.15234	C	4ACSR	7.45Y	124.2	0.00	1.75	4.56	2	31	14	91	0.00	0.0	1.722	0.019	0	0	0	6
PL.4341	PL.25241	C	4ACSR	7.45Y	124.2	0.01	1.76	2.00	1	14	5	94	0.00	0.0	1.789	0.067	0	0	0	3
075628	PL.4341	C	Consumer	7.45Y	124.2	0.00	1.76	0.95	0	7	3	92	0.00	0.0	1.789	0.000	7	3	1	1
075661	PL.4341	C	Consumer	7.45Y	124.2	0.00	1.76	0.21	0	1	1	71	0.00	0.0	1.789	0.000	1	1	1	1
075665	PL.4341	C	Consumer	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	1.789	0.000	0	0	0	0
075657	PL.4341	C	Consumer	7.45Y	124.2	0.00	1.76	0.84	0	6	2	95	0.00	0.0	1.789	0.000	6	2	1	1
075662	PL.25241	C	Consumer	7.45Y	124.2	0.00	1.75	0.55	0	4	2	89	0.00	0.0	1.722	0.000	3	1	1	2
0756070	075662	C	Consumer	7.45Y	124.2	0.00	1.75	0.16	0	1	1	71	0.00	0.0	1.722	0.000	1	1	1	1
075611	PL.25241	C	Consumer	7.45Y	124.2	0.00	1.75	2.00	0	13	7	88	0.00	0.0	1.722	0.000	13	7	1	1
075615	PL.15234	C	Consumer	7.45Y	124.2	0.00	1.75	0.22	0	2	1	89	0.00	0.0	1.703	0.000	2	1	1	1
075605	PL.15234	C	Consumer	7.45Y	124.2	0.00	1.75	0.42	0	3	1	95	0.00	0.0	1.703	0.000	3	1	1	1
075606	PL.15234	C	Consumer	7.45Y	124.2	0.00	1.75	0.04	0	0	0	100	0.00	0.0	1.703	0.000	0	0	1	1
PL.15235	PL.12814	A	4ACSR	7.45Y	124.1	0.00	1.90	0.41	0	3	1	95	0.00	0.0	1.459	0.006	0	0	0	1
PD.2204	PL.15235	A	fuse6AMP	7.45Y	124.1	0.00	1.90	0.41	7	3	1	95	0.00	0.0	1.459	0.000	0	0	0	1
PL.15236	PD.2204	A	4ACSR	7.45Y	124.1	0.00	1.90	0.41	0	3	1	95	0.00	0.0	1.514	0.055	0	0	0	1
075603	PL.15236	A	Consumer	7.45Y	124.1	0.00	1.90	0.41	0	3	1	95	0.00	0.0	1.514	0.000	3	1	1	1
PL.26675	PL.26678	C	4ACSR	7.48Y	124.6	0.00	1.39	2.07	1	14	5	94	0.00	0.0	1.225	0.005	0	0	0	4
PD.2219	PL.26675	C	fuse6AMP	7.48Y	124.6	0.00	1.39	2.07	35	14	5	94	0.00	0.0	1.225	0.000	0	0	0	4
PL.26676	PD.2219	C	4ACSR	7.48Y	124.6	0.01	1.40	2.07	1	14	5	94	0.00	0.0	1.278	0.053	0	0	0	4
PL.25245	PL.26676	C	4ACSR	7.48Y	124.6	0.00	1.40	0.81	0	6	2	95	0.00	0.0	1.348	0.070	0	0	0	2
075613	PL.25245	C	Consumer	7.48Y	124.6	0.00	1.40	0.45	0	3	1	95	0.00	0.0	1.348	0.000	3	1	1	1
075626	PL.25245	C	Consumer	7.48Y	124.6	0.00	1.40	0.36	0	3	1	95	0.00	0.0	1.348	0.000	3	1	1	1
075660	PL.26676	C	Consumer	7.48Y	124.6	0.00	1.40	0.66	0	5	2	93	0.00	0.0	1.278	0.000	5	2	1	1
075637	PL.26676	C	Consumer	7.48Y	124.6	0.00	1.40	0.60	0	4	2	89	0.00	0.0	1.278	0.000	4	2	1	1
075609	PL.26676	C	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	1.278	0.000	0	0	0	0
075630	PL.26676	C	Consumer	7.48Y	124.6	0.00	1.40	0.00	0	0	0	100	0.00	0.0	1.278	0.000	0	0	0	0
075658	PL.26678	A	Consumer	7.45Y	124.2	0.00	1.76	0.90	0	6	2	95	0.00	0.0	1.220	0.000	6	2	1	1
PL.40396	PL.26678	A	2ACSR	7.45Y	124.2	0.00	1.76	1.42	1	10	4	93	0.00	0.0	1.250	0.030	0	0	0	2
0756072	PL.40396	A	Consumer	7.45Y	124.2	0.00	1.76	0.00	0	0	0	100	0.00	0.0	1.250	0.000	0	0	1	1
0756071	PL.40396	A	Consumer	7.45Y	124.2	0.00	1.76	1.42	0	10	4	93	0.00	0.0	1.250	0.000	10	4	1	1
PL.4344	PL.12805	A	1/0ACSR	7.46Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	1.134	0.073	0	0	0	0
		B		7.44Y	124.0	0.00	2.00	0.00	0	0	0	100					0	0	0	0
		C		7.49Y	124.8	0.00	1.20	0.00	0	0	0	100					0	0	0	0

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements PL.384 through PL.4982 and C PD.1757.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
075571	PL.4982	A	Consumer	7.38Y	123.0	0.00	2.98	1.14	0	8	3	94	0.00	0.0	1.737	0.000	8	3	1	1
075548	PL.4982	A	Consumer	7.38Y	123.0	0.00	2.98	1.77	0	12	5	92	0.00	0.0	1.737	0.000	12	5	1	1
075538	PL.4982	A	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	1.737	0.000	0	0	0	0
075505	PL.4982	A	Consumer	7.38Y	123.0	0.00	2.98	1.10	0	8	3	94	0.00	0.0	1.737	0.000	8	3	1	1
075549	PL.4982	A	Consumer	7.38Y	123.0	0.00	2.98	0.00	0	0	0	100	0.00	0.0	1.737	0.000	0	0	0	0
075567	PL.4982	A	Consumer	7.38Y	123.0	0.00	2.98	1.22	0	8	3	94	0.00	0.0	1.737	0.000	8	3	1	1
PL.4983	PL.4982	A	4ACSR	7.38Y	123.0	0.01	3.00	4.01	2	28	10	94	0.00	0.0	1.810	0.073	0	0	0	4
075574	PL.4983	A	Consumer	7.38Y	123.0	0.00	3.00	0.46	0	3	1	95	0.00	0.0	1.810	0.000	3	1	1	1
PL.4984	PL.4983	A	4ACSR	7.38Y	123.0	0.01	3.00	3.54	2	24	9	94	0.00	0.0	1.842	0.032	0	0	0	3
PL.5012	PL.4984	A	4ACSR	7.38Y	123.0	0.00	3.00	1.57	1	11	4	94	0.00	0.0	1.879	0.037	0	0	0	1
075598	PL.5012	A	Consumer	7.38Y	123.0	0.00	3.00	1.57	0	11	4	94	0.00	0.0	1.879	0.000	11	4	1	1
0755116	PL.4984	A	Consumer	7.38Y	123.0	0.00	3.00	0.77	0	5	2	93	0.00	0.0	1.842	0.000	5	2	1	1
075582	PL.4984	A	Consumer	7.38Y	123.0	0.00	3.00	1.20	0	8	3	94	0.00	0.0	1.842	0.000	8	3	1	1
PL.8272	PL.8265	A	4ACSR	7.38Y	123.0	0.08	3.02	28.65	15	198	75	94	0.12	0.1	1.688	0.060	0	0	0	47
075527	PL.8272	A	Consumer	7.38Y	123.0	0.00	3.02	0.08	0	1	0	100	0.00	0.0	1.688	0.000	1	0	1	1
PL.12789	PL.8272	A	4ACSR	7.38Y	122.9	0.05	3.07	28.56	15	197	74	94	0.08	0.0	1.729	0.042	0	0	0	46
PL.15250	PL.12789	A	4ACSR	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	1.735	0.006	0	0	0	2
PD.1758	PL.15250	A	fuse6AMP	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	1.735	0.000	0	0	0	2
PL.15251	PD.1758	A	4ACSR	7.38Y	122.9	-0.00	3.07	0.00	0	0	0	100	0.00	0.0	1.780	0.045	0	0	0	2
075572	PL.15251	A	Consumer	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	1.780	0.000	0	0	1	1
075544	PL.15251	A	Consumer	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	1.780	0.000	0	0	1	1
PL.15252	PL.12789	A	4ACSR	7.37Y	122.9	0.04	3.11	27.77	14	192	72	94	0.06	0.0	1.764	0.034	0	0	0	41
PD.16-A	PL.15252	A	Closed	7.37Y	122.9	0.00	3.11	27.77	0	192	72	94	0.00	0.0	1.764	0.000	0	0	0	41
PD.16-B	PD.16-A	A	Closed	7.37Y	122.9	0.00	3.11	27.77	0	192	72	94	0.00	0.0	1.764	0.000	0	0	0	41
PL.15253	PD.16-B	A	4ACSR	7.37Y	122.9	0.01	3.12	27.77	14	192	72	94	0.01	0.0	1.769	0.005	0	0	0	41
PL.15294	PL.15253	A	4ACSR	7.37Y	122.9	0.00	3.12	1.32	1	9	3	95	0.00	0.0	1.775	0.006	0	0	0	2
PD.1759	PL.15294	A	fuse6AMP	7.37Y	122.9	0.00	3.12	1.32	22	9	3	95	0.00	0.0	1.775	0.000	0	0	0	2
PL.26740	PD.1759	A	4ACSR	7.37Y	122.9	0.00	3.12	1.32	1	9	3	95	0.00	0.0	1.840	0.065	0	0	0	2
075599	PL.26740	A	Consumer	7.37Y	122.9	0.00	3.12	1.03	0	7	3	92	0.00	0.0	1.840	0.000	7	3	1	1
075529	PL.26740	A	Consumer	7.37Y	122.9	0.00	3.12	0.29	0	2	1	89	0.00	0.0	1.840	0.000	2	1	1	1
PL.12790	PL.15253	A	4ACSR	7.37Y	122.8	0.07	3.19	26.45	14	183	69	94	0.10	0.1	1.827	0.058	0	0	0	39
PL.12791	PL.12790	A	4ACSR	7.36Y	122.7	0.09	3.28	24.88	13	172	65	94	0.12	0.1	1.908	0.081	0	0	0	36
075551	PL.12791	A	Consumer	7.36Y	122.7	0.00	3.28	0.23	0	2	1	89	0.00	0.0	1.908	0.000	2	1	1	1
PL.8271	PL.12791	A	4ACSR	7.36Y	122.7	0.06	3.34	24.65	13	170	64	94	0.08	0.0	1.959	0.052	0	0	0	35
PL.8270	PL.8271	A	4ACSR	7.35Y	122.5	0.11	3.45	24.65	13	170	64	94	0.14	0.1	2.058	0.098	0	0	0	34
PL.12792	PL.8270	A	4ACSR	7.35Y	122.5	0.01	3.46	24.65	13	170	64	94	0.01	0.0	2.064	0.006	0	0	0	34
PL.24276	PL.12792	A	4ACSR	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	2.310	0.246	0	0	0	0
PL.12793	PL.12792	A	4ACSR	7.35Y	122.5	0.02	3.48	24.51	13	169	63	94	0.03	0.0	2.082	0.019	0	0	0	32

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.8282	PL.12793	A	4ACSR	7.35Y	122.5	0.03	3.51	24.51	13	169	63	94	0.04	0.0	2.108	0.026	0	0	0	32
075531	PL.8282	A	Consumer	7.35Y	122.5	0.00	3.51	0.00	0	0	0	100	0.00	0.0	2.108	0.000	0	0	0	0
075568	PL.8282	A	Consumer	7.35Y	122.5	0.00	3.51	0.00	0	0	0	100	0.00	0.0	2.108	0.000	0	0	0	0
075554	PL.8282	A	Consumer	7.35Y	122.5	0.00	3.51	1.13	0	8	3	94	0.00	0.0	2.108	0.000	8	3	1	1
075518	PL.8282	A	Consumer	7.35Y	122.5	0.00	3.51	0.97	0	7	2	96	0.00	0.0	2.108	0.000	7	2	1	1
075558	PL.8282	A	Consumer	7.35Y	122.5	0.00	3.51	0.46	0	3	1	95	0.00	0.0	2.108	0.000	3	1	1	1
PL.12794	PL.8282	A	4ACSR	7.34Y	122.4	0.09	3.60	21.94	11	151	57	94	0.10	0.1	2.195	0.087	0	0	0	29
PL.36556	PL.12794	A	4ACSR	7.34Y	122.4	0.03	3.63	19.03	10	131	49	94	0.03	0.0	2.230	0.035	0	0	0	24
075533	PL.36556	A	Consumer	7.34Y	122.4	0.00	3.63	1.09	0	8	3	94	0.00	0.0	2.230	0.000	8	3	1	1
PL.36557	PL.36556	A	4ACSR	7.34Y	122.3	0.04	3.66	17.94	9	123	46	94	0.04	0.0	2.276	0.046	0	0	0	23
PL.14429	PL.36557	A	4ACSR	7.34Y	122.3	0.00	3.67	17.27	9	119	45	94	0.00	0.0	2.282	0.005	0	0	0	21
PD.3440	PL.14429	A	35V4E	7.34Y	122.3	0.00	3.67	17.27	49	119	45	94	0.00	0.0	2.282	0.000	0	0	0	21
PL.15088	PD.3440	A	4ACSR	7.34Y	122.3	0.06	3.73	17.27	9	119	45	94	0.05	0.0	2.355	0.074	0	0	0	21
PL.12796	PL.15088	A	4ACSR	7.34Y	122.3	0.00	3.73	17.27	9	119	45	94	0.00	0.0	2.356	0.001	0	0	0	21
PL.19872	PL.12796	A	4ACSR	7.33Y	122.2	0.04	3.76	14.62	8	100	38	93	0.03	0.0	2.410	0.054	0	0	0	19
075414	PL.19872	A	Consumer	7.33Y	122.2	0.00	3.76	1.17	0	8	3	94	0.00	0.0	2.410	0.000	8	3	1	1
PL.19873	PL.19872	A	4ACSR	7.33Y	122.2	0.03	3.79	13.45	7	92	35	93	0.02	0.0	2.457	0.047	0	0	0	18
PL.8273	PL.19873	A	4ACSR	7.33Y	122.2	0.03	3.82	12.65	7	87	33	93	0.02	0.0	2.509	0.052	0	0	0	17
PL.8269	PL.8273	A	4ACSR	7.33Y	122.2	0.02	3.85	10.12	5	69	26	94	0.01	0.0	2.562	0.053	0	0	0	13
PL.12797	PL.8269	A	4ACSR	7.33Y	122.1	0.01	3.85	8.32	4	57	21	94	0.00	0.0	2.585	0.024	0	0	0	10
PL.20140	PL.12797	A	4ACSR	7.33Y	122.1	0.00	3.86	1.96	1	13	5	93	0.00	0.0	2.639	0.054	0	0	0	3
075441	PL.20140	A	Consumer	7.33Y	122.1	0.00	3.86	1.03	0	7	3	92	0.00	0.0	2.639	0.000	7	3	1	1
PL.20141	PL.20140	A	4ACSR	7.33Y	122.1	0.00	3.86	0.93	0	6	2	95	0.00	0.0	2.640	0.000	0	0	0	2
PL.8274	PL.20141	A	4ACSR	7.33Y	122.1	0.00	3.86	0.14	0	1	0	100	0.00	0.0	2.677	0.037	0	0	0	1
075451	PL.8274	A	Consumer	7.33Y	122.1	0.00	3.86	0.00	0	0	0	100	0.00	0.0	2.677	0.000	0	0	0	0
PL.8275	PL.8274	A	4ACSR	7.33Y	122.1	0.00	3.86	0.14	0	1	0	100	0.00	0.0	2.860	0.183	0	0	0	1
075404	PL.8275	A	Consumer	7.33Y	122.1	0.00	3.86	0.14	0	1	0	100	0.00	0.0	2.860	0.000	1	0	1	1
PL.4970	PL.20141	A	4ACSR	7.33Y	122.1	0.00	3.86	0.80	0	5	2	93	0.00	0.0	2.760	0.121	0	0	0	1
PL.4971	PL.4970	A	4ACSR	7.33Y	122.1	0.00	3.87	0.80	0	5	2	93	0.00	0.0	2.801	0.040	0	0	0	1
075416	PL.4971	A	Consumer	7.33Y	122.1	0.00	3.87	0.80	0	5	2	93	0.00	0.0	2.801	0.000	5	2	1	1
075407	PL.4971	A	Consumer	7.33Y	122.1	0.00	3.87	0.00	0	0	0	100	0.00	0.0	2.801	0.000	0	0	0	0
075448	PL.12797	A	Consumer	7.33Y	122.1	0.00	3.85	0.00	0	0	0	100	0.00	0.0	2.585	0.000	0	0	0	0
075447	PL.12797	A	Consumer	7.33Y	122.1	0.00	3.85	0.43	0	3	1	95	0.00	0.0	2.585	0.000	3	1	1	1
075430	PL.12797	A	Consumer	7.33Y	122.1	0.00	3.85	1.08	0	7	3	92	0.00	0.0	2.585	0.000	7	3	1	1
075433	PL.12797	A	Consumer	7.33Y	122.1	0.00	3.85	0.00	0	0	0	100	0.00	0.0	2.585	0.000	0	0	1	1
PL.26085	PL.12797	A	4ACSR	7.33Y	122.1	0.02	3.87	4.84	2	33	12	94	0.00	0.0	2.668	0.083	0	0	0	4
PL.34912	PL.26085	A	4ACSR	7.33Y	122.1	0.00	3.87	1.79	1	12	5	92	0.00	0.0	2.685	0.018	0	0	0	2
PD.5005	PL.34912	A	fuse6AMP	7.33Y	122.1	0.00	3.87	1.79	31	12	5	92	0.00	0.0	2.685	0.000	0	0	0	2

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Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.34913	PD.5005	A	4ACSR	7.33Y	122.1	0.01	3.88	1.79	1	12	5	92	0.00	0.0	2.752	0.066	0	0	0	2
075440	PL.34913	A	Consumer	7.33Y	122.1	0.00	3.88	1.04	0	7	3	92	0.00	0.0	2.752	0.000	7	3	1	1
075439	PL.34913	A	Consumer	7.33Y	122.1	0.00	3.88	0.75	0	5	2	93	0.00	0.0	2.752	0.000	5	2	1	1
075442	PL.34913	A	Consumer	7.33Y	122.1	0.00	3.88	0.00	0	0	0	100	0.00	0.0	2.752	0.000	0	0	0	0
PL.20089	PL.26085	A	4ACSR	7.33Y	122.1	0.00	3.87	0.00	0	0	0	100	0.00	0.0	2.760	0.092	0	0	0	0
075425	PL.26085	A	Consumer	7.33Y	122.1	0.00	3.87	1.14	0	8	3	94	0.00	0.0	2.668	0.000	8	3	1	1
075454	PL.26085	A	Consumer	7.33Y	122.1	0.00	3.87	1.90	0	13	5	93	0.00	0.0	2.668	0.000	13	5	1	1
075410	PL.26085	A	Consumer	7.33Y	122.1	0.00	3.87	0.00	0	0	0	100	0.00	0.0	2.668	0.000	0	0	0	0
075459	PL.8269	A	Consumer	7.33Y	122.2	0.00	3.85	0.76	0	5	2	93	0.00	0.0	2.562	0.000	5	2	1	1
075427	PL.8269	A	Consumer	7.33Y	122.2	0.00	3.85	0.68	0	5	2	93	0.00	0.0	2.562	0.000	5	2	1	1
075426	PL.8269	A	Consumer	7.33Y	122.2	0.00	3.85	0.37	0	3	1	95	0.00	0.0	2.562	0.000	3	1	1	1
075436	PL.8273	A	Consumer	7.33Y	122.2	0.00	3.82	0.00	0	0	0	100	0.00	0.0	2.509	0.000	0	0	0	0
075421	PL.8273	A	Consumer	7.33Y	122.2	0.00	3.82	0.91	0	6	2	95	0.00	0.0	2.509	0.000	6	2	1	1
075434	PL.8273	A	Consumer	7.33Y	122.2	0.00	3.82	0.96	0	7	2	96	0.00	0.0	2.509	0.000	7	2	1	1
075445	PL.8273	A	Consumer	7.33Y	122.2	0.00	3.82	0.48	0	3	1	95	0.00	0.0	2.509	0.000	3	1	1	1
075449	PL.8273	A	Consumer	7.33Y	122.2	0.00	3.82	0.18	0	1	0	100	0.00	0.0	2.509	0.000	1	0	1	1
075452	PL.19873	A	Consumer	7.33Y	122.2	0.00	3.79	0.80	0	5	2	93	0.00	0.0	2.457	0.000	5	2	1	1
075415	PL.12796	A	Consumer	7.34Y	122.3	0.00	3.73	1.76	0	12	5	92	0.00	0.0	2.356	0.000	12	5	1	1
075405	PL.12796	A	Consumer	7.34Y	122.3	0.00	3.73	0.89	0	6	2	95	0.00	0.0	2.356	0.000	6	2	1	1
PL.14427	PL.36557	A	4ACSR	7.34Y	122.3	0.00	3.66	0.66	0	5	2	93	0.00	0.0	2.282	0.006	0	0	0	1
PD.2248	PL.14427	A	fuse6AMP	7.34Y	122.3	0.00	3.66	0.66	11	5	2	93	0.00	0.0	2.282	0.000	0	0	0	1
PL.14428	PD.2248	A	4ACSR	7.34Y	122.3	0.00	3.67	0.66	0	5	2	93	0.00	0.0	2.351	0.069	0	0	0	1
PL.4978	PL.14428	A	4ACSR	7.34Y	122.3	0.00	3.67	0.66	0	5	2	93	0.00	0.0	2.420	0.070	0	0	0	1
PL.4979	PL.4978	A	4ACSR	7.34Y	122.3	0.00	3.67	0.66	0	5	2	93	0.00	0.0	2.472	0.052	0	0	0	1
PL.4980	PL.4979	A	4ACSR	7.34Y	122.3	0.00	3.67	0.66	0	5	2	93	0.00	0.0	2.495	0.023	0	0	0	1
PL.24278	PL.4980	A	4ACSR	7.34Y	122.3	0.00	3.67	0.66	0	5	2	93	0.00	0.0	2.579	0.084	0	0	0	1
PL.24279	PL.24278	A	4ACSR	7.34Y	122.3	0.00	3.68	0.66	0	5	2	93	0.00	0.0	2.656	0.077	0	0	0	1
074419	PL.24279	A	Consumer	7.34Y	122.3	0.00	3.68	0.66	0	5	2	93	0.00	0.0	2.656	0.000	5	2	1	1
075403	PL.36557	A	Consumer	7.34Y	122.3	0.00	3.66	0.00	0	0	0	100	0.00	0.0	2.276	0.000	0	0	0	0
075465	PL.36557	A	Consumer	7.34Y	122.3	0.00	3.66	0.00	0	0	0	100	0.00	0.0	2.276	0.000	0	0	1	1
075541	PL.12794	A	Consumer	7.34Y	122.4	0.00	3.60	0.69	0	5	2	93	0.00	0.0	2.195	0.000	5	2	1	1
0755117	PL.12794	A	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	2.195	0.000	0	0	0	1
075573	0755117	A	Consumer	7.34Y	122.4	0.00	3.60	0.00	0	0	0	100	0.00	0.0	2.195	0.000	0	0	1	1
075550	PL.12794	A	Consumer	7.34Y	122.4	0.00	3.60	0.45	0	3	1	95	0.00	0.0	2.195	0.000	3	1	1	1
PL.14425	PL.12794	A	4ACSR	7.34Y	122.4	0.00	3.60	1.77	1	12	5	92	0.00	0.0	2.201	0.006	0	0	0	2
PD.1762	PL.14425	A	fuse6AMP	7.34Y	122.4	0.00	3.60	1.77	30	12	5	92	0.00	0.0	2.201	0.000	0	0	0	2
PL.14426	PD.1762	A	4ACSR	7.34Y	122.4	0.01	3.61	1.77	1	12	5	92	0.00	0.0	2.344	0.143	0	0	0	2
0755113	PL.14426	A	Consumer	7.34Y	122.4	0.00	3.61	1.38	0	9	4	91	0.00	0.0	2.344	0.000	9	4	1	1

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.5009	PL.14426	A	4ACSR	7.34Y	122.4	0.00	3.61	0.39	0	3	1	95	0.00	0.0	2.396	0.051	0	0	0	1
075590	PL.5009	A	Consumer	7.34Y	122.4	0.00	3.61	0.39	0	3	1	95	0.00	0.0	2.396	0.000	3	1	1	1
075501	PL.12792	A	Consumer	7.35Y	122.5	0.00	3.46	0.14	0	1	0	100	0.00	0.0	2.064	0.000	1	0	1	1
PL.26743	PL.12792	A	4ACSR	7.35Y	122.5	-0.00	3.46	0.00	0	0	0	100	0.00	0.0	2.069	0.005	0	0	0	1
PD.1761	PL.26743	A	fuse6AMP	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	2.069	0.000	0	0	0	1
PL.14424	PD.1761	A	4ACSR	7.35Y	122.5	-0.00	3.46	0.00	0	0	0	100	0.00	0.0	2.111	0.041	0	0	0	1
PL.4981	PL.14424	A	4ACSR	7.35Y	122.5	-0.00	3.46	0.00	0	0	0	100	0.00	0.0	2.144	0.034	0	0	0	1
075569	PL.4981	A	Consumer	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	2.144	0.000	0	0	0	0
075526	PL.4981	A	Consumer	7.35Y	122.5	0.00	3.46	0.00	0	0	0	100	0.00	0.0	2.144	0.000	0	0	1	1
075532	PL.8271	A	Consumer	7.36Y	122.7	0.00	3.34	0.00	0	0	0	100	0.00	0.0	1.959	0.000	0	0	1	1
075503	PL.12790	A	Consumer	7.37Y	122.8	0.00	3.19	0.16	0	1	0	100	0.00	0.0	1.827	0.000	1	0	1	1
PL.26741	PL.12790	A	4ACSR	7.37Y	122.8	0.00	3.19	1.41	1	10	4	93	0.00	0.0	1.832	0.006	0	0	0	2
PD.1760	PL.26741	A	fuse6AMP	7.37Y	122.8	0.00	3.19	1.41	24	10	4	93	0.00	0.0	1.832	0.000	0	0	0	2
PL.26742	PD.1760	A	4ACSR	7.37Y	122.8	0.00	3.19	1.41	1	10	4	93	0.00	0.0	1.887	0.055	0	0	0	2
075595	PL.26742	A	Consumer	7.37Y	122.8	0.00	3.19	1.06	0	7	3	92	0.00	0.0	1.887	0.000	7	3	1	1
075522	PL.26742	A	Consumer	7.37Y	122.8	0.00	3.19	0.34	0	2	1	89	0.00	0.0	1.887	0.000	2	1	1	1
075570	PL.12789	A	Consumer	7.38Y	122.9	0.00	3.07	0.39	0	3	1	95	0.00	0.0	1.729	0.000	3	1	1	1
075504	PL.12789	A	Consumer	7.38Y	122.9	0.00	3.07	0.20	0	1	1	71	0.00	0.0	1.729	0.000	1	1	1	1
PL.4972	PL.12789	A	4ACSR	7.38Y	122.9	0.00	3.07	0.20	0	1	1	71	0.00	0.0	1.824	0.095	0	0	0	1
075521	PL.4972	A	Consumer	7.38Y	122.9	0.00	3.07	0.00	0	0	0	100	0.00	0.0	1.824	0.000	0	0	0	0
075552	PL.4972	A	Consumer	7.38Y	122.9	0.00	3.07	0.20	0	1	1	71	0.00	0.0	1.824	0.000	1	1	1	1
075525	PL.8265	A	Consumer	7.38Y	123.1	0.00	2.94	0.48	0	3	1	95	0.00	0.0	1.627	0.000	3	1	1	1
075556	PL.8265	A	Consumer	7.38Y	123.1	0.00	2.94	0.00	0	0	0	100	0.00	0.0	1.627	0.000	0	0	1	1
PL.34906	PL.12788	A	4ACSR	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	1.588	0.010	0	0	0	0
PD.5003	PL.34906	A	fuse6AMP	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	1.588	0.000	0	0	0	0
PL.34907	PD.5003	A	4ACSR	7.39Y	123.2	0.00	2.85	0.00	0	0	0	100	0.00	0.0	1.624	0.036	0	0	0	0
PL.15246	PL.18681	A	4ACSR	7.40Y	123.3	0.00	2.65	0.70	0	5	2	93	0.00	0.0	1.473	0.005	0	0	0	2
PD.1756	PL.15246	A	fuse6AMP	7.40Y	123.3	0.00	2.65	0.70	12	5	2	93	0.00	0.0	1.473	0.000	0	0	0	2
PL.15247	PD.1756	A	4ACSR	7.40Y	123.3	0.00	2.66	0.70	0	5	2	93	0.00	0.0	1.535	0.062	0	0	0	2
0755105	PL.15247	A	Consumer	7.40Y	123.3	0.00	2.66	0.10	0	1	0	100	0.00	0.0	1.535	0.000	1	0	1	1
0755104	PL.15247	A	Consumer	7.40Y	123.3	0.00	2.66	0.60	0	4	2	89	0.00	0.0	1.535	0.000	4	2	1	1
075540	PL.18680	A	Consumer	7.41Y	123.5	0.00	2.49	0.85	0	6	2	95	0.00	0.0	1.382	0.000	6	2	1	1
075553	PL.27962	A	Consumer	7.41Y	123.5	0.00	2.46	0.83	0	6	2	95	0.00	0.0	1.363	0.000	6	2	1	1
075535	PL.12786	A	Consumer	7.42Y	123.7	0.00	2.26	0.31	0	2	1	89	0.00	0.0	1.265	0.000	2	1	1	1
075534	PL.12786	A	Consumer	7.42Y	123.7	0.00	2.26	0.76	0	5	2	93	0.00	0.0	1.265	0.000	5	2	1	1
075530	PL.12786	A	Consumer	7.42Y	123.7	0.00	2.26	0.87	0	6	2	95	0.00	0.0	1.265	0.000	6	2	1	1
PL.15244	PL.12785	A	4ACSR	7.43Y	123.9	0.00	2.11	2.38	1	17	6	94	0.00	0.0	1.198	0.005	0	0	0	2
PD.1754	PL.15244	A	fuse6AMP	7.43Y	123.9	0.00	2.11	2.38	41	17	6	94	0.00	0.0	1.198	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for 'Units Displayed In Volts' and '-Base Voltage:120.0-'.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, Element KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 1 (HARDWICK1) beginning with Device OCD43.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include SW29-A, PL.30824, PD.513-B, PD.513-A, PL.15311, PL.12732, PL.12733, PL.12735, PL.12734, PL.12736, PL.12737, PL.12738, PL.12553, PL.12556, PL.12555, PL.20080, PL.20081, PL.12557, PL.20083.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for elements like PL.20082, RG.25, PL.15392, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.12741, PL.12740, PL.26685, SW30-B, PL.26682, PD.2818, PL.26683, 516909, 5159030, 5159029, 5159028, 5159027, 515902, 516925, 516926, 516928, 516801, 516802, PL.26690, C PD.2821, PL.26691, PL.12560, 516913, 516922, 516915, 516914, 516901, PL.12739, 516923, 516916, 516917, 516927, PL.25015, 5179013.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 516918, 517902, etc.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
517819	PL.20086	B	Consumer	7.54Y	125.6	0.00	0.35	0.65	0	5	2	93	0.00	0.0	2.272	0.000	5	2	1	1
517810	PL.20085	C	Consumer	7.55Y	125.8	0.00	0.21	0.51	0	4	1	97	0.00	0.0	2.208	0.000	4	1	1	1
518803	PL.20085	A	Consumer	7.56Y	126.1	0.00	-0.07	0.00	0	0	0	100	0.00	0.0	2.208	0.000	0	0	0	0
518805	PL.20085	C	Consumer	7.55Y	125.8	0.00	0.21	1.29	0	9	3	95	0.00	0.0	2.208	0.000	9	3	1	1
518802	PL.20085	A	Consumer	7.56Y	126.1	0.00	-0.07	0.00	0	0	0	100	0.00	0.0	2.208	0.000	0	0	0	0
518808	PL.20085	C	Consumer	7.55Y	125.8	0.00	0.21	0.14	0	1	0	100	0.00	0.0	2.208	0.000	1	0	1	1
518801	PL.20085	A	Consumer	7.56Y	126.1	0.00	-0.07	0.00	0	0	0	100	0.00	0.0	2.208	0.000	0	0	0	0
518807	PL.20085	C	Consumer	7.55Y	125.8	0.00	0.21	1.53	0	11	4	94	0.00	0.0	2.208	0.000	11	4	1	1
517809	PL.20085	C	Consumer	7.55Y	125.8	0.00	0.21	0.00	0	0	0	100	0.00	0.0	2.208	0.000	0	0	0	0
518804	PL.20084	B	Consumer	7.54Y	125.7	0.00	0.30	1.21	0	9	3	95	0.00	0.0	2.162	0.000	9	3	1	1
519803	PL.24300	B	Consumer	7.54Y	125.7	0.00	0.30	0.72	0	5	2	93	0.00	0.0	2.148	0.000	5	2	1	1
519804	PL.24299	B	Consumer	7.54Y	125.7	0.00	0.28	0.02	0	0	0	100	0.00	0.0	2.107	0.000	0	0	1	1
519805	PL.24299	B	Consumer	7.54Y	125.7	0.00	0.28	0.71	0	5	2	93	0.00	0.0	2.107	0.000	5	2	1	1
072510	PL.8171	B	Consumer	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	2.034	0.000	0	0	0	0
072511	PL.12559	C	Consumer	7.55Y	125.9	0.00	0.14	0.51	0	3	2	83	0.00	0.0	1.983	0.000	3	2	1	1
PL.15393	PL.12559	A	1/0ACSR	7.56Y	126.0	-0.00	-0.05	0.19	0	1	1	71	0.00	0.0	1.995	0.013	0	0	0	0
		B		7.55Y	125.8	0.00	0.21	0.19	0	1	1	90					0	0	0	0
		C		7.55Y	125.9	0.00	0.14	0.72	0	5	2	93					0	0	0	1
PD.2124	PL.15393	A	fuse6AMP	7.56Y	126.0	0.00	-0.05	0.19	3	1	1	71	0.00	0.0	1.995	0.000	0	0	0	0
		B		7.55Y	125.8	0.00	0.21	0.19	3	1	1	90					0	0	0	0
		C		7.55Y	125.9	0.00	0.14	0.72	12	5	2	93					0	0	0	1
PL.15394	PD.2124	A	1/0ACSR	7.56Y	126.0	-0.00	-0.05	0.19	0	1	1	71	0.00	0.0	2.029	0.034	0	0	0	0
		B		7.55Y	125.8	0.00	0.21	0.19	0	1	1	90					0	0	0	0
		C		7.55Y	125.9	0.00	0.14	0.72	0	5	2	93					0	0	0	1
072527	PL.15394	A	Consumer	7.56Y	126.0	0.00	-0.05	0.19	0	1	1	71	0.00	0.0	2.029	0.000	1	1	0	0
		B		7.55Y	125.8	0.00	0.21	0.19	0	1	1	90					1	1	0	0
		C		7.55Y	125.9	0.00	0.14	0.19	0	1	1	90					1	1	0	0
072525	PL.15394	C	Consumer	7.55Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	2.029	0.000	0	0	0	0
PL.8172	PL.15394	C	4ACSR	7.55Y	125.9	0.00	0.14	0.54	0	4	1	97	0.00	0.0	2.043	0.014	0	0	0	1
PL.25167	PL.8172	C	4ACSR	7.55Y	125.9	0.00	0.14	0.54	0	4	1	97	0.00	0.0	2.055	0.011	0	0	0	1
PL.4903	PL.25167	C	4ACSR	7.55Y	125.9	0.00	0.14	0.54	0	4	1	97	0.00	0.0	2.081	0.026	0	0	0	1
PL.4904	PL.4903	C	4ACSR	7.55Y	125.9	0.00	0.14	0.54	0	4	1	97	0.00	0.0	2.098	0.017	0	0	0	1
072519	PL.4904	C	Consumer	7.55Y	125.9	0.00	0.14	0.54	0	4	1	97	0.00	0.0	2.098	0.000	4	1	1	1
PL.4902	PL.25167	C	4ACSR	7.55Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	2.077	0.022	0	0	0	0
072508	PL.4902	C	Consumer	7.55Y	125.9	0.00	0.14	0.00	0	0	0	100	0.00	0.0	2.077	0.000	0	0	0	0
PL.4909	PL.15391	A	1/0ACSR	7.56Y	126.0	0.00	-0.03	0.00	0	0	0	100	0.00	0.0	1.927	0.050	0	0	0	0
		B		7.55Y	125.8	0.00	0.15	0.00	0	0	0	100					0	0	0	0
		C		7.55Y	125.9	0.00	0.10	0.00	0	0	0	100					0	0	0	0
PL.4908	PL.4909	A	1/0ACSR	7.56Y	126.0	0.00	-0.03	0.00	0	0	0	100	0.00	0.0	1.949	0.022	0	0	0	0
		B		7.55Y	125.8	0.00	0.15	0.00	0	0	0	100					0	0	0	0
		C		7.55Y	125.9	0.00	0.10	0.00	0	0	0	100					0	0	0	0
PL.4910	PL.4908	A	1/0ACSR	7.56Y	126.0	0.00	-0.03	0.00	0	0	0	100	0.00	0.0	2.006	0.057	0	0	0	0
		B		7.55Y	125.8	0.00	0.15	0.00	0	0	0	100					0	0	0	0
		C		7.55Y	125.9	0.00	0.10	0.00	0	0	0	100					0	0	0	0

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for elements PL.4905 through C PD.2135.

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.15079	PD.2135	C	4ACSR	7.52Y	125.3	0.02	0.66	5.56	3	39	15	93	0.01	0.0	1.248	0.086	0	0	0	5
073533	PL.15079	C	Consumer	7.52Y	125.3	0.00	0.66	1.40	0	10	4	93	0.00	0.0	1.248	0.000	10	4	1	1
073504	PL.15079	C	Consumer	7.52Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	1.248	0.000	0	0	0	0
073510	PL.15079	C	Consumer	7.52Y	125.3	0.00	0.66	0.69	0	5	2	93	0.00	0.0	1.248	0.000	5	2	1	1
PL.12554	PL.15079	C	4ACSR	7.52Y	125.3	0.01	0.67	3.47	2	24	9	94	0.00	0.0	1.318	0.069	0	0	0	3
PL.24455	PL.12554	C	4ACSR	7.52Y	125.3	0.01	0.68	3.47	2	24	9	94	0.00	0.0	1.394	0.077	0	0	0	3
PL.24456	PL.24455	C	4ACSR	7.52Y	125.3	0.00	0.69	2.05	1	14	5	94	0.00	0.0	1.439	0.044	0	0	0	2
PL.24457	PL.24456	C	4ACSR	7.52Y	125.3	0.00	0.69	2.05	1	14	5	94	0.00	0.0	1.470	0.031	0	0	0	2
PL.4677	PL.24457	C	4ACSR	7.52Y	125.3	0.00	0.70	2.05	1	14	5	94	0.00	0.0	1.519	0.049	0	0	0	2
PL.4679	PL.4677	C	4ACSR	7.52Y	125.3	0.01	0.70	2.05	1	14	5	94	0.00	0.0	1.595	0.076	0	0	0	2
PL.4678	PL.4679	C	4ACSR	7.52Y	125.3	0.01	0.71	2.05	1	14	5	94	0.00	0.0	1.672	0.077	0	0	0	2
073611	PL.4678	C	Consumer	7.52Y	125.3	0.00	0.71	1.63	0	11	4	94	0.00	0.0	1.672	0.000	11	4	1	1
0736014	PL.4678	C	Consumer	7.52Y	125.3	0.00	0.71	0.41	0	3	1	95	0.00	0.0	1.672	0.000	3	1	1	1
073535	PL.24455	C	Consumer	7.52Y	125.3	0.00	0.68	1.43	0	10	4	93	0.00	0.0	1.394	0.000	10	4	1	1
PL.15076	PL.12738	C	4ACSR	7.53Y	125.5	0.00	0.54	5.59	3	39	15	93	0.00	0.0	0.975	0.005	0	0	0	6
C PD.2119	PL.15076	C	fuse6AMP	7.53Y	125.5	0.00	0.54	5.59	96	39	15	93	0.00	0.0	0.975	0.000	0	0	0	6 C
PL.15077	PD.2119	C	4ACSR	7.53Y	125.4	0.01	0.56	5.59	3	39	15	93	0.00	0.0	1.022	0.047	0	0	0	6
PL.24451	PL.15077	C	4ACSR	7.53Y	125.4	0.00	0.56	0.61	0	4	2	89	0.00	0.0	1.077	0.056	0	0	0	1
073511	PL.24451	C	Consumer	7.53Y	125.4	0.00	0.56	0.61	0	4	2	89	0.00	0.0	1.077	0.000	4	2	1	1
PL.12551	PL.15077	C	4ACSR	7.53Y	125.4	0.01	0.57	4.98	3	35	13	94	0.00	0.0	1.065	0.044	0	0	0	5
PL.12552	PL.12551	C	4ACSR	7.53Y	125.4	0.01	0.58	3.40	2	24	9	94	0.00	0.0	1.142	0.077	0	0	0	4
PL.24454	PL.12552	C	4ACSR	7.52Y	125.4	0.01	0.58	2.03	1	14	5	94	0.00	0.0	1.212	0.070	0	0	0	2
0735042	PL.24454	C	Consumer	7.52Y	125.4	0.00	0.58	0.86	0	6	2	95	0.00	0.0	1.212	0.000	6	2	1	1
073513	PL.24454	C	Consumer	7.52Y	125.4	0.00	0.58	1.16	0	8	3	94	0.00	0.0	1.212	0.000	8	3	1	1
073512	PL.12552	C	Consumer	7.53Y	125.4	0.00	0.58	0.42	0	3	1	95	0.00	0.0	1.142	0.000	3	1	1	1
PL.24452	PL.12552	C	4ACSR	7.53Y	125.4	0.00	0.58	0.96	0	7	3	92	0.00	0.0	1.226	0.084	0	0	0	1
PL.24453	PL.24452	C	4ACSR	7.53Y	125.4	0.00	0.58	0.96	0	7	3	92	0.00	0.0	1.255	0.029	0	0	0	1
PL.3965	PL.24453	C	4ACSR	7.52Y	125.4	0.00	0.59	0.96	0	7	3	92	0.00	0.0	1.356	0.101	0	0	0	1
073601	PL.3965	C	Consumer	7.52Y	125.4	0.00	0.59	0.96	0	7	3	92	0.00	0.0	1.356	0.000	7	3	1	1
073524	PL.12551	C	Consumer	7.53Y	125.4	0.00	0.57	1.58	0	11	4	94	0.00	0.0	1.065	0.000	11	4	1	1
PL.24462	PL.12737	A	4ACSR	7.57Y	126.2	0.00	-0.17	1.00	1	7	3	92	0.00	0.0	0.927	0.067	0	0	0	1
073538	PL.24462	A	Consumer	7.57Y	126.2	0.00	-0.17	1.00	0	7	3	92	0.00	0.0	0.927	0.000	7	3	1	1
073516	PL.12737	B	Consumer	7.53Y	125.4	0.00	0.56	0.22	0	2	1	89	0.00	0.0	0.860	0.000	2	1	1	1
PL.15074	PL.12737	B	4ACSR	7.53Y	125.4	0.00	0.56	1.70	1	12	5	92	0.00	0.0	0.866	0.005	0	0	0	3
PD.2199	PL.15074	B	fuse6AMP	7.53Y	125.4	0.00	0.56	1.70	29	12	5	92	0.00	0.0	0.866	0.000	0	0	0	3
PL.15075	PD.2199	B	4ACSR	7.53Y	125.4	0.01	0.57	1.70	1	12	5	92	0.00	0.0	0.973	0.107	0	0	0	3
073537	PL.15075	B	Consumer	7.53Y	125.4	0.00	0.57	0.95	0	7	3	92	0.00	0.0	0.973	0.000	7	3	1	1
PL.24464	PL.15075	B	4ACSR	7.53Y	125.4	0.00	0.57	0.75	0	5	2	93	0.00	0.0	1.086	0.113	0	0	0	2

Unbalanced Voltage Drop Report
Source: HARDWICH'S C...

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes data for elements 073540 through 074608.

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

Summary table with columns: KW, KVAR, Load, Adjustment, Capacitance, Charging, Gen&Motors, Loops&Metas, Losses, No Load Losses, Total. Values: KW 3887, KVAR 1480, Load 0, Adjustment 0, Capacitance 0, Charging 0, Gen&Motors 0, Loops&Metas 0, Losses 93, No Load Losses 0.00, Total 3980.

Lowest Voltage: A-Phase -> 121.99 volts on PL.8293, B-Phase -> 118.58 volts on PL.44285, C-Phase -> 122.24 volts on PL.8175. Highest Accumulated Voltage Drop: 4.01 volts on PL.8293, 7.42 volts on PL.44285, 3.76 volts on PL.8175. Highest Element Voltage Drop: 0.34 volts on PL.25290, 0.76 volts on PL.44344, 0.44 volts on PL.46028.

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 1 (HIGHROCK1) beginning with device PD.3933.

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PD.1809	PL.26846	A	fuse6AMP	7.48Y	124.7	0.00	1.29	0.50	9	4	1	97	0.00	0.0	0.896	0.000	0	0	0	1
PL.26847	PD.1809	A	4ACSR	7.48Y	124.7	0.00	1.29	0.50	0	4	1	97	0.00	0.0	0.969	0.074	0	0	0	1
086614	PL.26847	A	Consumer	7.48Y	124.7	0.00	1.29	0.50	0	4	1	97	0.00	0.0	0.969	0.000	4	1	1	1
PL.26844	PL.8465	A	4ACSR	7.48Y	124.7	0.00	1.29	1.57	1	12	2	99	0.00	0.0	0.894	0.010	0	0	0	2
PD.1808	PL.26844	A	fuse6AMP	7.48Y	124.7	0.00	1.29	1.57	27	12	2	99	0.00	0.0	0.894	0.000	0	0	0	2
PL.26845	PD.1808	A	4ACSR	7.48Y	124.7	0.00	1.29	1.57	1	12	2	99	0.00	0.0	0.960	0.066	0	0	0	2
086636	PL.26845	A	Consumer	7.48Y	124.7	0.00	1.29	0.00	0	0	0	100	0.00	0.0	0.960	0.000	0	0	1	1
086634	PL.26845	A	Consumer	7.48Y	124.7	0.00	1.29	1.57	0	12	2	99	0.00	0.0	0.960	0.000	12	2	1	1
PL.8466	PL.8465	A	4ACSR	7.48Y	124.6	0.09	1.38	42.83	22	315	61	98	0.21	0.1	0.933	0.049	0	0	0	81
086641	PL.8466	A	Consumer	7.48Y	124.6	0.00	1.38	1.19	0	9	2	98	0.00	0.0	0.933	0.000	9	2	1	1
PL.14199	PL.8466	A	4ACSR	7.47Y	124.5	0.08	1.45	41.64	21	306	59	98	0.17	0.1	0.975	0.042	0	0	0	80
PL.26842	PL.14199	A	4ACSR	7.47Y	124.5	0.00	1.45	1.46	1	11	2	98	0.00	0.0	0.984	0.009	0	0	0	3
PD.1810	PL.26842	A	fuse6AMP	7.47Y	124.5	0.00	1.45	1.46	25	11	2	98	0.00	0.0	0.984	0.000	0	0	0	3
PL.26843	PD.1810	A	4ACSR	7.47Y	124.5	0.00	1.46	1.46	1	11	2	98	0.00	0.0	1.014	0.031	0	0	0	3
PL.8459	PL.26843	A	4ACSR	7.47Y	124.5	0.01	1.46	1.46	1	11	2	98	0.00	0.0	1.102	0.088	0	0	0	3
PL.8460	PL.8459	A	4ACSR	7.47Y	124.5	0.00	1.46	0.15	0	1	0	100	0.00	0.0	1.140	0.038	0	0	0	1
086625	PL.8460	A	Consumer	7.47Y	124.5	0.00	1.46	0.15	0	1	0	100	0.00	0.0	1.140	0.000	1	0	1	1
086639	PL.8459	A	Consumer	7.47Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	1.102	0.000	0	0	1	1
086626	PL.8459	A	Consumer	7.47Y	124.5	0.00	1.46	1.31	0	10	2	98	0.00	0.0	1.102	0.000	10	2	1	1
PL.18349	PL.14199	A	4ACSR	7.47Y	124.5	0.01	1.46	39.14	20	287	56	98	0.02	0.0	0.980	0.005	0	0	0	75
PL.18350	PL.18349	A	4ACSR	7.47Y	124.5	0.01	1.47	39.14	20	287	56	98	0.01	0.0	0.984	0.004	0	0	0	75
PL.45365	PL.18350	A	4ACSR	7.47Y	124.5	0.02	1.49	39.14	20	287	56	98	0.05	0.0	0.998	0.014	0	0	0	75
PD.751-A	PL.45365	A	Closed	7.47Y	124.5	0.00	1.49	39.14	0	287	56	98	0.00	0.0	0.998	0.000	0	0	0	75
PD.751-B	PD.751-A	A	Closed	7.47Y	124.5	0.00	1.49	39.14	0	287	56	98	0.00	0.0	0.998	0.000	0	0	0	75
PL.45367	PD.751-B	A	4ACSR	7.47Y	124.5	0.01	1.50	39.14	20	287	56	98	0.02	0.0	1.004	0.006	0	0	0	75
PL.45368	PL.45367	A	4ACSR	7.46Y	124.4	0.13	1.63	39.14	20	287	56	98	0.28	0.1	1.080	0.076	0	0	0	75
086635	PL.45368	A	Consumer	7.46Y	124.4	0.00	1.63	1.23	0	9	2	98	0.00	0.0	1.080	0.000	9	2	1	1
086640	PL.45368	A	Consumer	7.46Y	124.4	0.00	1.63	0.74	0	5	1	98	0.00	0.0	1.080	0.000	5	1	1	1
086617	PL.45368	A	Consumer	7.46Y	124.4	0.00	1.63	0.00	0	0	0	100	0.00	0.0	1.080	0.000	0	0	1	1
PL.14200	PL.45368	A	4ACSR	7.45Y	124.2	0.17	1.80	37.17	19	272	53	98	0.34	0.1	1.182	0.102	0	0	0	72
PL.27745	PL.14200	A	4ACSR	7.45Y	124.2	0.00	1.80	2.13	1	16	3	98	0.00	0.0	1.196	0.014	0	0	0	2
PD.1811	PL.27745	A	fuse6AMP	7.45Y	124.2	0.00	1.80	2.13	36	16	3	98	0.00	0.0	1.196	0.000	0	0	0	2
PL.27746	PD.1811	A	4ACSR	7.45Y	124.2	0.01	1.81	2.13	1	16	3	98	0.00	0.0	1.283	0.087	0	0	0	2
086620	PL.27746	A	Consumer	7.45Y	124.2	0.00	1.81	0.72	0	5	1	98	0.00	0.0	1.283	0.000	5	1	1	1
086638	PL.27746	A	Consumer	7.45Y	124.2	0.00	1.81	1.41	0	10	2	98	0.00	0.0	1.283	0.000	10	2	1	1
PL.19877	PL.14200	A	4ACSR	7.45Y	124.2	0.03	1.83	35.04	18	256	50	98	0.06	0.0	1.202	0.020	0	0	0	70
PL.19878	PL.19877	A	4ACSR	7.45Y	124.1	0.07	1.90	34.24	18	250	49	98	0.14	0.1	1.251	0.049	0	0	0	69
PL.14201	PL.19878	A	4ACSR	7.44Y	124.1	0.03	1.94	34.24	18	250	49	98	0.06	0.0	1.273	0.022	0	0	0	69

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
086621	PL.14201	A	Consumer	7.44Y	124.1	0.00	1.94	0.70	0	5	1	98	0.00	0.0	1.273	0.000	5	1	1	1
086615	PL.14201	A	Consumer	7.44Y	124.1	0.00	1.94	0.00	0	0	0	100	0.00	0.0	1.273	0.000	0	0	0	0
086514	PL.14201	A	Consumer	7.44Y	124.1	0.00	1.94	0.50	0	4	1	97	0.00	0.0	1.273	0.000	4	1	1	1
PL.45425	PL.14201	A	4ACSR	7.43Y	123.9	0.21	2.14	33.05	17	241	47	98	0.37	0.2	1.415	0.142	0	0	0	67
PL.45426	PL.45425	A	4ACSR	7.43Y	123.8	0.05	2.19	33.05	17	241	47	98	0.10	0.0	1.452	0.037	0	0	0	67
086526	PL.45426	A	Consumer	7.43Y	123.8	0.00	2.19	0.76	0	6	1	99	0.00	0.0	1.452	0.000	6	1	1	1
086529	PL.45426	A	Consumer	7.43Y	123.8	0.00	2.19	0.14	0	1	0	100	0.00	0.0	1.452	0.000	1	0	1	1
086504	PL.45426	A	Consumer	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	1.452	0.000	0	0	0	0
086528	PL.45426	A	Consumer	7.43Y	123.8	0.00	2.19	0.00	0	0	0	100	0.00	0.0	1.452	0.000	0	0	0	0
086531	PL.45426	A	Consumer	7.43Y	123.8	0.00	2.19	1.49	0	11	2	98	0.00	0.0	1.452	0.000	11	2	1	1
086502	PL.45426	A	Consumer	7.43Y	123.8	0.00	2.19	0.39	0	3	1	95	0.00	0.0	1.452	0.000	3	1	1	1
PL.14202	PL.45426	A	4ACSR	7.42Y	123.7	0.11	2.31	30.26	16	221	43	98	0.19	0.1	1.537	0.085	0	0	0	63
PL.14203	PL.14202	A	4ACSR	7.42Y	123.7	0.04	2.34	27.52	14	200	39	98	0.05	0.0	1.567	0.030	0	0	0	60
086530	PL.14203	A	Consumer	7.42Y	123.7	0.00	2.34	0.63	0	5	1	98	0.00	0.0	1.567	0.000	5	1	1	1
PL.18993	PL.14203	A	4ACSR	7.41Y	123.6	0.08	2.42	26.89	14	196	38	98	0.11	0.1	1.632	0.065	0	0	0	59
PL.18994	PL.18993	A	4ACSR	7.41Y	123.6	0.02	2.44	26.32	14	192	37	98	0.03	0.0	1.651	0.019	0	0	0	58
PL.26697	PL.18994	A	4ACSR	7.41Y	123.5	0.01	2.45	25.00	13	182	35	98	0.02	0.0	1.661	0.010	0	0	0	54
PD.759-A	PL.26697	A	Closed	7.41Y	123.5	0.00	2.45	25.00	0	182	35	98	0.00	0.0	1.661	0.000	0	0	0	54
PD.759-B	PD.759-A	A	Closed	7.41Y	123.5	0.00	2.45	25.00	0	182	35	98	0.00	0.0	1.661	0.000	0	0	0	54
PL.26698	PD.759-B	A	4ACSR	7.41Y	123.5	0.08	2.53	25.00	13	182	35	98	0.10	0.1	1.732	0.070	0	0	0	54
PL.18711	PL.26698	A	4ACSR	7.41Y	123.4	0.05	2.57	24.12	12	175	34	98	0.06	0.0	1.775	0.043	0	0	0	52
086510	PL.18711	A	Consumer	7.41Y	123.4	0.00	2.57	0.58	0	4	1	97	0.00	0.0	1.775	0.000	4	1	1	1
PL.18712	PL.18711	A	4ACSR	7.40Y	123.4	0.03	2.60	23.54	12	171	33	98	0.04	0.0	1.803	0.028	0	0	0	51
PL.14204	PL.18712	A	4ACSR	7.39Y	123.2	0.15	2.76	21.86	11	159	31	98	0.18	0.1	1.962	0.159	0	0	0	49
PL.16027	PL.14204	A	4ACSR	7.39Y	123.1	0.14	2.89	21.84	11	158	31	98	0.16	0.1	2.104	0.142	0	0	0	48
PD.761-A	PL.16027	A	Closed	7.39Y	123.1	0.00	2.89	21.84	0	158	31	98	0.00	0.0	2.104	0.000	0	0	0	48
PD.761-B	PD.761-A	A	Closed	7.39Y	123.1	0.00	2.89	21.84	0	158	31	98	0.00	0.0	2.104	0.000	0	0	0	48
PL.26694	PD.761-B	A	4ACSR	7.38Y	123.0	0.07	2.96	21.84	11	158	31	98	0.08	0.1	2.174	0.070	0	0	0	48
PL.20479	PL.26694	A	4ACSR	7.38Y	123.0	0.07	3.02	21.84	11	158	31	98	0.08	0.1	2.244	0.070	0	0	0	48
PL.20480	PL.20479	A	4ACSR	7.37Y	122.9	0.11	3.13	21.84	11	158	31	98	0.13	0.1	2.357	0.113	0	0	0	48
PL.25036	PL.20480	A	4ACSR	7.35Y	122.6	0.32	3.45	21.84	11	158	31	98	0.38	0.2	2.690	0.334	0	0	0	48
PL.14205	PL.25036	A	4ACSR	7.35Y	122.5	0.07	3.52	21.26	11	154	30	98	0.08	0.0	2.761	0.071	0	0	0	47
PL.16025	PL.14205	A	4ACSR	7.35Y	122.5	0.00	3.52	0.82	0	6	1	99	0.00	0.0	2.770	0.009	0	0	0	2
PD.2281	PL.16025	A	fuse6AMP	7.35Y	122.5	0.00	3.52	0.82	14	6	1	99	0.00	0.0	2.770	0.000	0	0	0	2
PL.16026	PD.2281	A	4ACSR	7.35Y	122.5	0.00	3.52	0.82	0	6	1	99	0.00	0.0	2.858	0.088	0	0	0	2
086525	PL.16026	A	Consumer	7.35Y	122.5	0.00	3.52	0.82	0	6	1	99	0.00	0.0	2.858	0.000	6	1	1	1
PL.39420	PL.16026	A	2ACSR	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	2.997	0.139	0	0	0	1
0865035	PL.39420	A	Consumer	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	2.997	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
086512	PL.14205	A	Consumer	7.35Y	122.5	0.00	3.52	0.00	0	0	0	100	0.00	0.0	2.761	0.000	0	0	0	0
PL.14206	PL.14205	A	4ACSR	7.34Y	122.4	0.09	3.61	20.44	11	147	28	98	0.10	0.1	2.862	0.101	0	0	0	45
086412	PL.14206	A	Consumer	7.34Y	122.4	0.00	3.61	0.68	0	5	1	98	0.00	0.0	2.862	0.000	5	1	1	1
PL.20477	PL.14206	A	4ACSR	7.34Y	122.3	0.05	3.65	19.76	10	143	27	98	0.05	0.0	2.917	0.055	0	0	0	44
PL.20478	PL.20477	A	4ACSR	7.34Y	122.3	0.05	3.70	19.76	10	142	27	98	0.05	0.0	2.975	0.058	0	0	0	44
PL.41464	PL.20478	A	4ACSR	7.34Y	122.3	0.01	3.72	19.47	10	140	27	98	0.02	0.0	2.992	0.017	0	0	0	43
PD.7448-A	PL.41464	A	Closed	7.34Y	122.3	0.00	3.72	19.47	0	140	27	98	0.00	0.0	2.992	0.000	0	0	0	43
PD.7448-B	PD.7448-A	A	Closed	7.34Y	122.3	0.00	3.72	19.47	0	140	27	98	0.00	0.0	2.992	0.000	0	0	0	43
PL.41465	PD.7448-B	A	4ACSR	7.33Y	122.2	0.09	3.81	19.47	10	140	27	98	0.10	0.1	3.099	0.107	0	0	0	43
PL.15607	PL.41465	A	4ACSR	7.33Y	122.2	0.00	3.81	19.47	10	140	27	98	0.00	0.0	3.104	0.005	0	0	0	43
086410	PL.15607	A	Consumer	7.33Y	122.2	0.00	3.81	0.19	0	1	0	100	0.00	0.0	3.104	0.000	1	0	1	1
PL.8477	PL.15607	A	4ACSR	7.33Y	122.2	0.04	3.85	19.28	10	139	27	98	0.04	0.0	3.147	0.043	0	0	0	42
086423	PL.8477	A	Consumer	7.33Y	122.2	0.00	3.85	0.39	0	3	1	95	0.00	0.0	3.147	0.000	3	1	1	1
PL.13061	PL.8477	A	4ACSR	7.33Y	122.1	0.05	3.90	18.89	10	136	26	98	0.06	0.0	3.212	0.065	0	0	0	41
086417	PL.13061	A	Consumer	7.33Y	122.1	0.00	3.90	0.00	0	0	0	100	0.00	0.0	3.212	0.000	0	0	0	0
086406	PL.13061	A	Consumer	7.33Y	122.1	0.00	3.90	0.11	0	1	0	100	0.00	0.0	3.212	0.000	1	0	1	1
PL.20929	PL.13061	A	4ACSR	7.32Y	122.0	0.08	3.98	18.78	10	135	26	98	0.08	0.1	3.306	0.093	0	0	0	40
PL.20930	PL.20929	A	4ACSR	7.32Y	122.0	0.00	3.98	18.45	10	133	25	98	0.00	0.0	3.310	0.004	0	0	0	39
PL.20943	PL.20930	A	4ACSR	7.32Y	122.0	0.00	3.98	18.45	10	133	25	98	0.00	0.0	3.312	0.002	0	0	0	39
PL.20944	PL.20943	A	4ACSR	7.31Y	121.9	0.12	4.10	18.45	10	133	25	98	0.12	0.1	3.461	0.148	0	0	0	39
PL.18576	PL.20944	A	4ACSR	7.31Y	121.9	0.01	4.11	18.45	10	133	25	98	0.01	0.0	3.468	0.007	0	0	0	39
PD.3461	PL.18576	A	50V4E	7.31Y	121.9	0.00	4.11	18.45	0	133	25	98	0.00	0.0	3.468	0.000	0	0	0	39
PL.18577	PD.3461	A	4ACSR	7.31Y	121.8	0.06	4.17	18.45	10	133	25	98	0.06	0.0	3.544	0.076	0	0	0	39
PL.14396	PL.18577	A	4ACSR	7.31Y	121.8	0.02	4.19	18.18	9	131	25	98	0.02	0.0	3.564	0.019	0	0	0	37
PL.25303	PL.14396	A	4ACSR	7.28Y	121.4	0.41	4.60	18.18	9	130	25	98	0.41	0.3	4.081	0.517	0	0	0	37
PL.27616	PL.25303	A	4ACSR	7.28Y	121.3	0.09	4.69	18.18	9	130	25	98	0.09	0.1	4.200	0.120	0	0	0	37
PD.2487-A	PL.27616	A	Closed	7.28Y	121.3	0.00	4.69	18.18	0	130	25	98	0.00	0.0	4.200	0.000	0	0	0	37
PD.2487-B	PD.2487-A	A	Closed	7.28Y	121.3	0.00	4.69	18.18	0	130	25	98	0.00	0.0	4.200	0.000	0	0	0	37
PL.27617	PD.2487-B	A	4ACSR	7.28Y	121.3	0.01	4.70	18.18	9	130	25	98	0.01	0.0	4.209	0.009	0	0	0	37
PL.8322	PL.27617	A	4ACSR	7.26Y	121.0	0.26	4.96	16.87	9	121	23	98	0.24	0.2	4.558	0.348	0	0	0	35
087404	PL.8322	A	Consumer	7.26Y	121.0	0.00	4.96	0.06	0	0	0	100	0.00	0.0	4.558	0.000	0	0	1	1
087409	PL.8322	A	Consumer	7.26Y	121.0	0.00	4.96	1.72	0	12	2	99	0.00	0.0	4.558	0.000	12	2	1	1
PL.8483	PL.8322	A	4ACSR	7.26Y	121.0	0.04	5.00	15.10	8	108	20	98	0.03	0.0	4.619	0.061	0	0	0	33
PL.17910	PL.8483	A	4ACSR	7.26Y	121.0	0.00	5.00	6.35	3	45	9	98	0.00	0.0	4.626	0.007	0	0	0	13
PD.3656	PL.17910	A	25V4E	7.26Y	121.0	0.00	5.00	6.35	25	45	9	98	0.00	0.0	4.626	0.000	0	0	0	13
PL.21296	PD.3656	A	4ACSR	7.26Y	121.0	0.02	5.02	6.35	3	45	9	98	0.01	0.0	4.690	0.064	0	0	0	13
PL.21295	PL.21296	A	4ACSR	7.26Y	120.9	0.04	5.05	6.09	3	43	8	98	0.01	0.0	4.831	0.141	0	0	0	12
PL.14065	PL.21295	A	4ACSR	7.25Y	120.9	0.08	5.13	6.09	3	43	8	98	0.03	0.1	5.134	0.304	0	0	0	12

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.8323	PL.14065	A	4ACSR	7.25Y	120.9	0.00	5.14	5.59	3	40	8	98	0.00	0.0	5.147	0.013	0	0	0	11
PL.17955	PL.8323	A	4ACSR	7.25Y	120.8	0.09	5.23	5.59	3	40	8	98	0.03	0.1	5.522	0.375	0	0	0	11
PL.39028	PL.17955	A	4ACSR	7.25Y	120.8	0.01	5.23	3.53	2	25	5	98	0.00	0.0	5.560	0.038	0	0	0	8
PD.6816-A	PL.39028	A	Closed	7.25Y	120.8	0.00	5.23	3.53	0	25	5	98	0.00	0.0	5.560	0.000	0	0	0	8
PD.6816-B	PD.6816-A	A	Closed	7.25Y	120.8	0.00	5.23	3.53	0	25	5	98	0.00	0.0	5.560	0.000	0	0	0	8
PL.39029	PD.6816-B	A	4ACSR	7.25Y	120.8	0.00	5.24	3.53	2	25	5	98	0.00	0.0	5.580	0.021	0	0	0	8
PL.17629	PL.39029	A	4ACSR	7.24Y	120.7	0.03	5.27	3.53	2	25	5	98	0.01	0.0	5.767	0.187	0	0	0	8
PL.17630	PL.17629	A	4ACSR	7.24Y	120.7	0.01	5.28	2.31	1	16	3	98	0.00	0.0	5.905	0.138	0	0	0	7
0883014	PL.17630	A	Consumer	7.24Y	120.7	0.00	5.28	0.00	0	0	0	100	0.00	0.0	5.905	0.000	0	0	0	0
PL.17957	PL.17630	A	4ACSR	7.24Y	120.7	0.01	5.29	2.27	1	16	3	98	0.00	0.0	6.015	0.110	0	0	0	6
PL.39032	PL.17957	A	4ACSR	7.24Y	120.7	0.00	5.29	0.77	0	5	1	98	0.00	0.0	6.027	0.013	0	0	0	1
PD.6818	PL.39032	A	fuse6AMP	7.24Y	120.7	0.00	5.29	0.77	13	5	1	98	0.00	0.0	6.027	0.000	0	0	0	1
PL.39033	PD.6818	A	4ACSR	7.24Y	120.7	0.00	5.29	0.77	0	5	1	98	0.00	0.0	6.065	0.038	0	0	0	1
088310	PL.39033	A	Consumer	7.24Y	120.7	0.00	5.29	0.77	0	5	1	98	0.00	0.0	6.065	0.000	5	1	1	1
PL.17958	PL.17957	A	4ACSR	7.24Y	120.7	0.00	5.29	1.51	1	11	2	98	0.00	0.0	6.067	0.052	0	0	0	5
PL.8482	PL.17958	A	4ACSR	7.24Y	120.7	0.01	5.31	1.44	1	10	2	98	0.00	0.0	6.262	0.195	0	0	0	4
088311	PL.8482	A	Consumer	7.24Y	120.7	0.00	5.31	0.01	0	0	0	100	0.00	0.0	6.262	0.000	0	0	1	1
PL.8481	PL.8482	A	4ACSR	7.24Y	120.7	0.00	5.31	1.43	1	10	2	98	0.00	0.0	6.324	0.062	0	0	0	3
PL.8478	PL.8481	A	4ACSR	7.24Y	120.7	0.00	5.31	0.56	0	4	1	97	0.00	0.0	6.420	0.096	0	0	0	2
PL.21681	PL.8478	A	4ACSR	7.24Y	120.7	0.00	5.31	0.33	0	2	0	100	0.00	0.0	6.483	0.063	0	0	0	1
088304	PL.21681	A	Consumer	7.24Y	120.7	0.00	5.31	0.33	0	2	0	100	0.00	0.0	6.483	0.000	2	0	1	1
088309	PL.8478	A	Consumer	7.24Y	120.7	0.00	5.31	0.23	0	2	0	100	0.00	0.0	6.420	0.000	2	0	1	1
088303	PL.8478	A	Consumer	7.24Y	120.7	0.00	5.31	0.00	0	0	0	100	0.00	0.0	6.420	0.000	0	0	0	0
088301	PL.8481	A	Consumer	7.24Y	120.7	0.00	5.31	0.86	0	6	1	99	0.00	0.0	6.324	0.000	6	1	1	1
088312	PL.17958	A	Consumer	7.24Y	120.7	0.00	5.29	0.07	0	0	0	100	0.00	0.0	6.067	0.000	0	0	1	1
PL.39034	PL.17630	A	2ACSR	7.24Y	120.7	0.00	5.28	0.04	0	0	0	100	0.00	0.0	5.912	0.007	0	0	0	1
PD.6819	PL.39034	A	fuse6AMP	7.24Y	120.7	0.00	5.28	0.04	1	0	0	100	0.00	0.0	5.912	0.000	0	0	0	1
PL.39035	PD.6819	A	2ACSR	7.24Y	120.7	0.00	5.28	0.04	0	0	0	100	0.00	0.0	5.955	0.042	0	0	0	1
0883013	PL.39035	A	Consumer	7.24Y	120.7	0.00	5.28	0.04	0	0	0	100	0.00	0.0	5.955	0.000	0	0	1	1
PL.39030	PL.17629	A	4ACSR	7.24Y	120.7	0.00	5.27	1.22	1	9	2	98	0.00	0.0	5.782	0.015	0	0	0	1
PD.6817	PL.39030	A	fuse6AMP	7.24Y	120.7	0.00	5.27	1.22	21	9	2	98	0.00	0.0	5.782	0.000	0	0	0	1
PL.39031	PD.6817	A	4ACSR	7.24Y	120.7	0.00	5.27	1.22	1	9	2	98	0.00	0.0	5.832	0.050	0	0	0	1
PL.39504	PL.39031	A	2ACSR	7.24Y	120.7	0.00	5.27	0.00	0	0	0	100	0.00	0.0	5.883	0.051	0	0	0	0
0873007	PL.39504	A	Consumer	7.24Y	120.7	0.00	5.27	0.00	0	0	0	100	0.00	0.0	5.883	0.000	0	0	0	0
087306	PL.39031	A	Consumer	7.24Y	120.7	0.00	5.27	1.22	0	9	2	98	0.00	0.0	5.832	0.000	9	2	1	1
PL.39026	PL.17955	A	4ACSR	7.25Y	120.8	0.00	5.23	0.85	0	6	1	99	0.00	0.0	5.527	0.005	0	0	0	2
PD.6815	PL.39026	A	fuse6AMP	7.25Y	120.8	0.00	5.23	0.85	14	6	1	99	0.00	0.0	5.527	0.000	0	0	0	2
PL.39027	PD.6815	A	4ACSR	7.25Y	120.8	0.00	5.23	0.85	0	6	1	99	0.00	0.0	5.595	0.068	0	0	0	2

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
087305	PL.39027	A	Consumer	7.25Y	120.8	0.00	5.23	0.05	0	0	0	100	0.00	0.0	5.595	0.000	0	0	1	1
087303	PL.39027	A	Consumer	7.25Y	120.8	0.00	5.23	0.80	0	6	1	99	0.00	0.0	5.595	0.000	6	1	1	1
088307	PL.17955	A	Consumer	7.25Y	120.8	0.00	5.23	1.21	0	9	2	98	0.00	0.0	5.522	0.000	9	2	1	1
PL.5299	PL.8323	A	4ACSR	7.25Y	120.9	0.00	5.14	0.00	0	0	0	100	0.00	0.0	5.150	0.003	0	0	0	0
087414	PL.14065	A	Consumer	7.25Y	120.9	0.00	5.13	0.50	0	4	1	97	0.00	0.0	5.134	0.000	4	1	1	1
087411	PL.21295	A	Consumer	7.26Y	120.9	0.00	5.05	0.00	0	0	0	100	0.00	0.0	4.831	0.000	0	0	0	0
PL.21294	PL.21296	A	4ACSR	7.26Y	121.0	0.00	5.02	0.27	0	2	0	100	0.00	0.0	4.761	0.072	0	0	0	1
087412	PL.21294	A	Consumer	7.26Y	121.0	0.00	5.02	0.27	0	2	0	100	0.00	0.0	4.761	0.000	2	0	1	1
PL.17911	PL.8483	A	4ACSR	7.26Y	121.0	0.01	5.00	8.74	5	62	12	98	0.00	0.0	4.636	0.017	0	0	0	20
PD.3465	PL.17911	A	25V4E	7.26Y	121.0	0.00	5.00	8.74	35	62	12	98	0.00	0.0	4.636	0.000	0	0	0	20
PL.17912	PD.3465	A	4ACSR	7.26Y	121.0	0.02	5.02	8.74	5	62	12	98	0.01	0.0	4.676	0.040	0	0	0	20
PL.25304	PL.17912	A	4ACSR	7.26Y	121.0	0.03	5.04	8.74	5	62	12	98	0.01	0.0	4.742	0.066	0	0	0	20
PL.25305	PL.25304	A	4ACSR	7.26Y	120.9	0.02	5.07	8.74	5	62	12	98	0.01	0.0	4.807	0.065	0	0	0	20
087407	PL.25305	A	Consumer	7.26Y	120.9	0.00	5.07	0.71	0	5	1	98	0.00	0.0	4.807	0.000	5	1	1	1
0874015	PL.25305	A	Consumer	7.26Y	120.9	0.00	5.07	0.00	0	0	0	100	0.00	0.0	4.807	0.000	0	0	1	1
PL.17960	PL.25305	A	4ACSR	7.25Y	120.9	0.03	5.10	8.03	4	57	11	98	0.01	0.0	4.891	0.084	0	0	0	18
PL.17961	PL.17960	A	4ACSR	7.25Y	120.9	0.00	5.10	8.03	4	57	11	98	0.00	0.0	4.891	0.000	0	0	0	18
PL.17962	PL.17961	A	4ACSR	7.25Y	120.9	0.02	5.12	5.08	3	36	7	98	0.01	0.0	4.978	0.087	0	0	0	14
PL.8686	PL.17962	A	4ACSR	7.25Y	120.8	0.10	5.21	5.08	3	36	7	98	0.03	0.1	5.413	0.435	0	0	0	14
PL.16240	PL.8686	A	4ACSR	7.24Y	120.7	0.07	5.28	5.03	3	36	7	98	0.02	0.1	5.719	0.306	0	0	0	13
PD.2486-A	PL.16240	A	Closed	7.24Y	120.7	0.00	5.28	5.03	0	36	7	98	0.00	0.0	5.719	0.000	0	0	0	13
PD.2486-B	PD.2486-A	A	Closed	7.24Y	120.7	0.00	5.28	5.03	0	36	7	98	0.00	0.0	5.719	0.000	0	0	0	13
PL.16241	PD.2486-B	A	4ACSR	7.24Y	120.7	0.02	5.29	5.03	3	36	7	98	0.00	0.0	5.790	0.071	0	0	0	13
PL.31024	PL.16241	A	4ACSR	7.24Y	120.7	0.01	5.31	5.03	3	36	7	98	0.00	0.0	5.844	0.054	0	0	0	13
088504	PL.31024	A	Consumer	7.24Y	120.7	0.00	5.31	0.00	0	0	0	100	0.00	0.0	5.844	0.000	0	0	1	1
PL.31025	PL.31024	A	4ACSR	7.24Y	120.7	0.03	5.34	5.03	3	36	7	98	0.01	0.0	5.980	0.136	0	0	0	12
PL.14063	PL.31025	A	4ACSR	7.24Y	120.6	0.02	5.36	2.93	2	21	4	98	0.00	0.0	6.158	0.178	0	0	0	10
PL.14064	PL.14063	A	4ACSR	7.24Y	120.6	0.02	5.38	2.93	2	21	4	98	0.00	0.0	6.285	0.128	0	0	0	10
PL.17963	PL.14064	A	4ACSR	7.24Y	120.6	0.02	5.39	2.93	2	21	4	98	0.00	0.0	6.405	0.120	0	0	0	9
088511	PL.17963	A	Consumer	7.24Y	120.6	0.00	5.39	0.41	0	3	1	95	0.00	0.0	6.405	0.000	3	1	1	1
PL.35590	PL.17963	A	4ACSR	7.24Y	120.6	0.00	5.39	0.00	0	0	0	100	0.00	0.0	6.413	0.008	0	0	0	0
PD.5232	PL.35590	A	fuse6AMP	7.24Y	120.6	0.00	5.39	0.00	0	0	0	100	0.00	0.0	6.413	0.000	0	0	0	0
PL.35591	PD.5232	A	4ACSR	7.24Y	120.6	0.00	5.39	0.00	0	0	0	100	0.00	0.0	6.439	0.027	0	0	0	0
088519	PL.35591	A	Consumer	7.24Y	120.6	0.00	5.39	0.00	0	0	0	100	0.00	0.0	6.439	0.000	0	0	0	0
PL.17964	PL.17963	A	4ACSR	7.24Y	120.6	0.01	5.40	2.52	1	18	3	99	0.00	0.0	6.526	0.121	0	0	0	8
PL.32764	PL.17964	A	4ACSR	7.24Y	120.6	0.01	5.41	2.52	1	18	3	99	0.00	0.0	6.580	0.055	0	0	0	8
088518	PL.32764	A	Consumer	7.24Y	120.6	0.00	5.41	0.54	0	4	1	97	0.00	0.0	6.580	0.000	4	1	1	1
PL.36540	PL.32764	A	4ACSR	7.24Y	120.6	0.00	5.41	1.97	1	14	3	98	0.00	0.0	6.614	0.033	0	0	0	7

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.36539	PL.36540	A	4ACSR	7.24Y	120.6	0.00	5.42	0.91	0	6	1	99	0.00	0.0	6.685	0.071	0	0	0	1
088513	PL.36539	A	Consumer	7.24Y	120.6	0.00	5.42	0.91	0	6	1	99	0.00	0.0	6.685	0.000	6	1	1	1
PL.36541	PL.36540	A	4ACSR	7.24Y	120.6	0.00	5.41	1.06	1	8	1	99	0.00	0.0	6.657	0.043	0	0	0	6
PL.8324	PL.36541	A	4ACSR	7.24Y	120.6	0.00	5.42	0.43	0	3	1	95	0.00	0.0	6.741	0.084	0	0	0	4
0885020	PL.8324	A	Consumer	7.24Y	120.6	0.00	5.42	0.20	0	1	0	100	0.00	0.0	6.741	0.000	1	0	1	1
PL.28549	PL.8324	A	4ACSR	7.24Y	120.6	0.00	5.42	0.23	0	2	0	100	0.00	0.0	6.767	0.026	0	0	0	3
PL.28550	PL.28549	A	4ACSR	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	6.784	0.017	0	0	0	2
PL.8687	PL.28550	A	4ACSR	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	6.817	0.033	0	0	0	2
PL.16239	PL.8687	A	4ACSR	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	6.840	0.023	0	0	0	2
PD.2488-A	PL.16239	A	Closed	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	6.840	0.000	0	0	0	2
PD.2488-B	PD.2488-A	A	Closed	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	6.840	0.000	0	0	0	2
PL.22303	PD.2488-B	A	4ACSR	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	7.000	0.160	0	0	0	2
PL.22357	PL.22303	A	4ACSR	7.23Y	120.6	0.00	5.42	0.00	0	0	0	100	0.00	0.0	7.052	0.052	0	0	0	0
PL.22304	PL.22303	A	4ACSR	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	7.649	0.649	0	0	0	2
PL.21309	PL.22304	A	4ACSR	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	7.658	0.010	0	0	0	2
PD.3648-A	PL.21309	A	Closed	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	7.658	0.000	0	0	0	2
PD.3648-B	PD.3648-A	A	Closed	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	7.658	0.000	0	0	0	2
PL.21310	PD.3648-B	A	4ACSR	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	7.686	0.027	0	0	0	2
PL.22415	PL.21310	A	4ACSR	7.23Y	120.6	0.00	5.42	0.00	0	0	0	100	0.00	0.0	7.801	0.116	0	0	0	1
PL.35597	PL.22415	A	4ACSR	7.23Y	120.6	0.00	5.42	0.00	0	0	0	100	0.00	0.0	8.223	0.422	0	0	0	0
PD.5235-B	PL.35597	A	Open	7.23Y	120.6	0.00	5.42	0.00	0	0	0	100	0.00	0.0	8.223	0.000	0	0	0	0
140514	PL.22415	A	Consumer	7.23Y	120.6	0.00	5.42	0.00	0	0	0	100	0.00	0.0	7.801	0.000	0	0	1	1
PL.35594	PL.21310	A	4ACSR	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	7.692	0.007	0	0	0	1
PD.5234	PL.35594	A	fuse6AMP	7.23Y	120.6	0.00	5.42	0.05	1	0	0	100	0.00	0.0	7.692	0.000	0	0	0	1
PL.35595	PD.5234	A	4ACSR	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	7.876	0.184	0	0	0	1
089506	PL.35595	A	Consumer	7.23Y	120.6	0.00	5.42	0.05	0	0	0	100	0.00	0.0	7.876	0.000	0	0	1	1
088516	PL.28549	A	Consumer	7.24Y	120.6	0.00	5.42	0.18	0	1	0	100	0.00	0.0	6.767	0.000	1	0	1	1
088515	PL.36541	A	Consumer	7.24Y	120.6	0.00	5.41	0.23	0	2	0	100	0.00	0.0	6.657	0.000	2	0	1	1
088506	PL.36541	A	Consumer	7.24Y	120.6	0.00	5.41	0.40	0	3	1	95	0.00	0.0	6.657	0.000	3	1	1	1
PL.36542	PL.17964	A	4ACSR	7.24Y	120.6	0.00	5.40	0.00	0	0	0	100	0.00	0.0	6.531	0.005	0	0	0	0
PD.5233	PL.36542	A	fuse6AMP	7.24Y	120.6	0.00	5.40	0.00	0	0	0	100	0.00	0.0	6.531	0.000	0	0	0	0
PL.36544	PD.5233	A	4ACSR	7.24Y	120.6	0.00	5.40	0.00	0	0	0	100	0.00	0.0	6.542	0.012	0	0	0	0
088507	PL.14064	A	Consumer	7.24Y	120.6	0.00	5.38	0.00	0	0	0	100	0.00	0.0	6.285	0.000	0	0	1	1
PL.21800	PL.14063	A	4ACSR	7.24Y	120.6	0.00	5.36	0.00	0	0	0	100	0.00	0.0	6.187	0.029	0	0	0	0
088512	PL.21800	A	Consumer	7.24Y	120.6	0.00	5.36	0.00	0	0	0	100	0.00	0.0	6.187	0.000	0	0	0	0
PL.35580	PL.31025	A	4ACSR	7.24Y	120.7	0.00	5.34	0.00	0	0	0	100	0.00	0.0	5.999	0.019	0	0	0	0
PD.5230	PL.35580	A	fuse6AMP	7.24Y	120.7	0.00	5.34	0.00	0	0	0	100	0.00	0.0	5.999	0.000	0	0	0	0
PL.35581	PD.5230	A	4ACSR	7.24Y	120.7	0.00	5.34	0.00	0	0	0	100	0.00	0.0	6.154	0.155	0	0	0	0

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
088514	PL.35581	A	Consumer	7.24Y	120.7	0.00	5.34	0.00	0	0	0	100	0.00	0.0	6.154	0.000	0	0	0	0
PL.35578	PL.31025	A	4ACSR	7.24Y	120.7	0.00	5.34	0.98	1	7	1	99	0.00	0.0	5.991	0.011	0	0	0	1
PD.5229	PL.35578	A	fuse6AMP	7.24Y	120.7	0.00	5.34	0.98	17	7	1	99	0.00	0.0	5.991	0.000	0	0	0	1
PL.35579	PD.5229	A	4ACSR	7.24Y	120.7	0.00	5.34	0.98	1	7	1	99	0.00	0.0	6.071	0.080	0	0	0	1
088508	PL.35579	A	Consumer	7.24Y	120.7	0.00	5.34	0.98	0	7	1	99	0.00	0.0	6.071	0.000	7	1	1	1
088502	PL.31025	A	Consumer	7.24Y	120.7	0.00	5.34	1.12	0	8	1	99	0.00	0.0	5.980	0.000	8	1	1	1
0884010	PL.8686	A	Consumer	7.25Y	120.8	0.00	5.21	0.05	0	0	0	100	0.00	0.0	5.413	0.000	0	0	1	1
088404	PL.8686	A	Consumer	7.25Y	120.8	0.00	5.21	0.00	0	0	0	100	0.00	0.0	5.413	0.000	0	0	0	0
087402	PL.17961	A	Consumer	7.25Y	120.9	0.00	5.10	0.24	0	2	0	100	0.00	0.0	4.891	0.000	2	0	1	1
PL.35576	PL.17961	A	4ACSR	7.25Y	120.9	0.00	5.10	2.71	1	19	4	98	0.00	0.0	4.900	0.009	0	0	0	3
PD.5227	PL.35576	A	fuse6AMP	7.25Y	120.9	0.00	5.10	2.71	46	19	4	98	0.00	0.0	4.900	0.000	0	0	0	3
PL.35577	PD.5227	A	4ACSR	7.25Y	120.9	0.01	5.10	2.71	1	19	4	98	0.00	0.0	4.952	0.052	0	0	0	3
088409	PL.35577	A	Consumer	7.25Y	120.9	0.00	5.10	1.31	0	9	2	98	0.00	0.0	4.952	0.000	9	2	1	1
088412	PL.35577	A	Consumer	7.25Y	120.9	0.00	5.10	0.31	0	2	0	100	0.00	0.0	4.952	0.000	2	0	1	1
088411	PL.35577	A	Consumer	7.25Y	120.9	0.00	5.10	1.09	0	8	1	99	0.00	0.0	4.952	0.000	8	1	1	1
087403	PL.27617	A	Consumer	7.28Y	121.3	0.00	4.70	0.00	0	0	0	100	0.00	0.0	4.209	0.000	0	0	0	0
087413	PL.27617	A	Consumer	7.28Y	121.3	0.00	4.70	0.81	0	6	1	99	0.00	0.0	4.209	0.000	6	1	1	1
087406	PL.27617	A	Consumer	7.28Y	121.3	0.00	4.70	0.49	0	4	1	97	0.00	0.0	4.209	0.000	4	1	1	1
PL.21793	PL.18577	A	4ACSR	7.31Y	121.8	0.00	4.17	0.28	0	2	0	100	0.00	0.0	3.592	0.048	0	0	0	2
PD.2283	PL.21793	A	fuse6AMP	7.31Y	121.8	0.00	4.17	0.28	5	2	0	100	0.00	0.0	3.592	0.000	0	0	0	2
PL.22707	PD.2283	A	4ACSR	7.31Y	121.8	0.00	4.18	0.28	0	2	0	100	0.00	0.0	3.881	0.290	0	0	0	2
087408	PL.22707	A	Consumer	7.31Y	121.8	0.00	4.18	0.00	0	0	0	100	0.00	0.0	3.881	0.000	0	0	1	1
PL.22708	PL.22707	A	4ACSR	7.31Y	121.8	0.00	4.18	0.28	0	2	0	100	0.00	0.0	3.965	0.083	0	0	0	1
PL.21640	PL.22708	A	4ACSR	7.31Y	121.8	0.00	4.18	0.28	0	2	0	100	0.00	0.0	4.221	0.256	0	0	0	1
087507	PL.21640	A	Consumer	7.31Y	121.8	0.00	4.18	0.28	0	2	0	100	0.00	0.0	4.221	0.000	2	0	1	1
087501	PL.21640	A	Consumer	7.31Y	121.8	0.00	4.18	0.00	0	0	0	100	0.00	0.0	4.221	0.000	0	0	0	0
PL.14383	PL.20944	A	4ACSR	7.31Y	121.9	0.00	4.10	0.00	0	0	0	100	0.00	0.0	3.468	0.007	0	0	0	0
PD.762-A	PL.14383	A	Open	7.31Y	121.9	0.00	4.10	0.00	0	0	0	100	0.00	0.0	3.468	0.000	0	0	0	0
PL.39024	PL.20929	A	4ACSR	7.32Y	122.0	0.00	3.98	0.32	0	2	0	100	0.00	0.0	3.313	0.008	0	0	0	1
PD.6814	PL.39024	A	fuse6AMP	7.32Y	122.0	0.00	3.98	0.32	6	2	0	100	0.00	0.0	3.313	0.000	0	0	0	1
PL.39025	PD.6814	A	4ACSR	7.32Y	122.0	0.00	3.98	0.32	0	2	0	100	0.00	0.0	3.366	0.052	0	0	0	1
086422	PL.39025	A	Consumer	7.32Y	122.0	0.00	3.98	0.32	0	2	0	100	0.00	0.0	3.366	0.000	2	0	1	1
086416	PL.20478	A	Consumer	7.34Y	122.3	0.00	3.70	0.29	0	2	0	100	0.00	0.0	2.975	0.000	2	0	1	1
086413	PL.20477	A	Consumer	7.34Y	122.3	0.00	3.65	0.00	0	0	0	100	0.00	0.0	2.917	0.000	0	0	0	0
086501	PL.25036	A	Consumer	7.35Y	122.6	0.00	3.45	0.57	0	4	1	97	0.00	0.0	2.690	0.000	4	1	1	1
086509	PL.20479	A	Consumer	7.38Y	123.0	0.00	3.02	0.00	0	0	0	100	0.00	0.0	2.244	0.000	0	0	0	0
086522	PL.14204	A	Consumer	7.39Y	123.2	0.00	2.76	0.03	0	0	0	100	0.00	0.0	1.962	0.000	0	0	1	1
PL.39022	PL.18712	A	4ACSR	7.40Y	123.4	0.00	2.60	1.41	1	10	2	98	0.00	0.0	1.809	0.006	0	0	0	1

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PD.6813	PL.39022	A	fuse6AMP	7.40Y	123.4	0.00	2.60	1.41	24	10	2	98	0.00	0.0	1.809	0.000	0	0	0	1
PL.39023	PD.6813	A	4ACSR	7.40Y	123.4	0.00	2.60	1.41	1	10	2	98	0.00	0.0	1.833	0.024	0	0	0	1
086534	PL.39023	A	Consumer	7.40Y	123.4	0.00	2.60	1.41	0	10	2	98	0.00	0.0	1.833	0.000	10	2	1	1
086533	PL.18712	A	Consumer	7.40Y	123.4	0.00	2.60	0.00	0	0	0	100	0.00	0.0	1.803	0.000	0	0	0	0
086505	PL.18712	A	Consumer	7.40Y	123.4	0.00	2.60	0.27	0	2	0	100	0.00	0.0	1.803	0.000	2	0	1	1
086518	PL.26698	A	Consumer	7.41Y	123.5	0.00	2.53	0.16	0	1	0	100	0.00	0.0	1.732	0.000	1	0	1	1
086521	PL.26698	A	Consumer	7.41Y	123.5	0.00	2.53	0.72	0	5	1	98	0.00	0.0	1.732	0.000	5	1	1	1
PL.26695	PL.18994	A	4ACSR	7.41Y	123.6	0.00	2.44	1.32	1	10	2	98	0.00	0.0	1.666	0.015	0	0	0	4
PD.2279	PL.26695	A	fuse6AMP	7.41Y	123.6	0.00	2.44	1.32	23	10	2	98	0.00	0.0	1.666	0.000	0	0	0	4
PL.26696	PD.2279	A	4ACSR	7.41Y	123.6	0.00	2.45	1.32	1	10	2	98	0.00	0.0	1.743	0.077	0	0	0	4
PL.8476	PL.26696	A	4ACSR	7.41Y	123.5	0.01	2.45	0.93	0	7	1	99	0.00	0.0	1.914	0.172	0	0	0	3
PL.14196	PL.8476	A	4ACSR	7.41Y	123.5	0.01	2.46	0.93	0	7	1	99	0.00	0.0	2.210	0.295	0	0	0	3
PL.14197	PL.14196	A	4ACSR	7.41Y	123.5	0.00	2.47	0.25	0	2	0	100	0.00	0.0	2.528	0.318	0	0	0	2
087503	PL.14197	A	Consumer	7.41Y	123.5	0.00	2.47	0.05	0	0	0	100	0.00	0.0	2.528	0.000	0	0	1	1
0875008	PL.14197	A	Consumer	7.41Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	2.528	0.000	0	0	0	0
PL.45875	PL.14197	A	4ACSR	7.41Y	123.5	0.00	2.47	0.20	0	1	0	100	0.00	0.0	2.614	0.086	0	0	0	1
PL.45876	PL.45875	A	4ACSR	7.41Y	123.5	0.00	2.47	0.20	0	1	0	100	0.00	0.0	2.820	0.206	0	0	0	1
PL.8321	PL.45876	A	4ACSR	7.41Y	123.5	0.00	2.47	0.20	0	1	0	100	0.00	0.0	2.863	0.043	0	0	0	1
087506	PL.8321	A	Consumer	7.41Y	123.5	0.00	2.47	0.20	0	1	0	100	0.00	0.0	2.863	0.000	1	0	1	1
PL.5300	PL.14196	A	4ACSR	7.41Y	123.5	0.00	2.47	0.69	0	5	1	98	0.00	0.0	2.310	0.100	0	0	0	1
087505	PL.5300	A	Consumer	7.41Y	123.5	0.00	2.47	0.69	0	5	1	98	0.00	0.0	2.310	0.000	5	1	1	1
086532	PL.26696	A	Consumer	7.41Y	123.6	0.00	2.45	0.39	0	3	1	95	0.00	0.0	1.743	0.000	3	1	1	1
086524	PL.18993	A	Consumer	7.41Y	123.6	0.00	2.42	0.56	0	4	1	97	0.00	0.0	1.632	0.000	4	1	1	1
PL.26699	PL.14202	A	4ACSR	7.42Y	123.7	0.00	2.31	2.74	1	20	4	98	0.00	0.0	1.547	0.010	0	0	0	3
PD.2280	PL.26699	A	fuse6AMP	7.42Y	123.7	0.00	2.31	2.74	47	20	4	98	0.00	0.0	1.547	0.000	0	0	0	3
PL.26700	PD.2280	A	4ACSR	7.42Y	123.7	0.02	2.32	2.74	1	20	4	98	0.00	0.0	1.685	0.138	0	0	0	3
086511	PL.26700	A	Consumer	7.42Y	123.7	0.00	2.32	2.32	0	17	3	98	0.00	0.0	1.685	0.000	17	3	1	1
PL.24567	PL.26700	A	4ACSR	7.42Y	123.7	0.00	2.33	0.42	0	3	1	95	0.00	0.0	1.758	0.073	0	0	0	2
PL.24568	PL.24567	A	4ACSR	7.42Y	123.7	0.00	2.33	0.42	0	3	1	95	0.00	0.0	1.793	0.035	0	0	0	2
086503	PL.24568	A	Consumer	7.42Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	1.793	0.000	0	0	1	1
086513	PL.24568	A	Consumer	7.42Y	123.7	0.00	2.33	0.42	0	3	1	95	0.00	0.0	1.793	0.000	3	1	1	1
0865037	PL.45425	A	Consumer	7.43Y	123.9	0.00	2.14	0.00	0	0	0	100	0.00	0.0	1.415	0.000	0	0	0	0
086619	PL.19877	A	Consumer	7.45Y	124.2	0.00	1.83	0.81	0	6	1	99	0.00	0.0	1.202	0.000	6	1	1	1
0866043	PL.45367	A	Consumer	7.47Y	124.5	0.00	1.50	0.00	0	0	0	100	0.00	0.0	1.004	0.000	0	0	0	0
086602	PL.14199	A	Consumer	7.47Y	124.5	0.00	1.45	0.18	0	1	0	100	0.00	0.0	0.975	0.000	1	0	1	1
086622	PL.14199	A	Consumer	7.47Y	124.5	0.00	1.45	0.86	0	6	1	99	0.00	0.0	0.975	0.000	6	1	1	1
086630	PL.14199	A	Consumer	7.47Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	0.975	0.000	0	0	0	0
0866042	PL.14199	A	Consumer	7.47Y	124.5	0.00	1.45	0.00	0	0	0	100	0.00	0.0	0.975	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
086637	PL.14198	A	Consumer	7.49Y	124.8	0.00	1.25	0.00	0	0	0	100	0.00	0.0	0.864	0.000	0	0	1	1
PL.26848	PL.18810	A	4ACSR	7.49Y	124.9	0.00	1.14	0.37	0	3	1	95	0.00	0.0	0.820	0.011	0	0	0	1
PD.2054	PL.26848	A	fuse6AMP	7.49Y	124.9	0.00	1.14	0.37	6	3	1	95	0.00	0.0	0.820	0.000	0	0	0	1
PL.26849	PD.2054	A	4ACSR	7.49Y	124.9	0.00	1.14	0.37	0	3	1	95	0.00	0.0	0.947	0.126	0	0	0	1
086618	PL.26849	A	Consumer	7.49Y	124.9	0.00	1.14	0.37	0	3	1	95	0.00	0.0	0.947	0.000	3	1	1	1
086605	PL.27726	A	Consumer	7.50Y	125.0	0.00	0.99	0.00	0	0	0	100	0.00	0.0	0.735	0.000	0	0	1	1
PL.28182	PL.16323	A	4ACSR	7.53Y	125.6	0.00	0.43	0.91	0	7	1	99	0.00	0.0	0.361	0.013	0	0	0	1
PD.3644	PL.28182	A	fuse6AMP	7.53Y	125.6	0.00	0.43	0.91	16	7	1	99	0.00	0.0	0.361	0.000	0	0	0	1
PL.28183	PD.3644	A	4ACSR	7.53Y	125.6	0.01	0.44	0.91	0	7	1	99	0.00	0.0	0.503	0.142	0	0	0	1
PL.5232	PL.28183	A	4ACSR	7.53Y	125.6	0.00	0.44	0.91	0	7	1	99	0.00	0.0	0.581	0.078	0	0	0	1
085632	PL.5232	A	Consumer	7.53Y	125.6	0.00	0.44	0.91	0	7	1	99	0.00	0.0	0.581	0.000	7	1	1	1
085614	PL.28183	A	Consumer	7.53Y	125.6	0.00	0.44	0.00	0	0	0	100	0.00	0.0	0.503	0.000	0	0	0	0
085618	PL.28183	A	Consumer	7.53Y	125.6	0.00	0.44	0.00	0	0	0	100	0.00	0.0	0.503	0.000	0	0	0	0
PL.239	PL.46111	A	1/0ACSR	7.55Y	125.9	0.06	0.13	34.40	10	254	53	98	0.10	0.0	0.149	0.075	0	0	0	95
PL.18768	PL.239	A	4ACSR	7.55Y	125.9	0.01	0.14	34.40	18	254	53	98	0.02	0.0	0.155	0.005	0	0	0	95
PD.3457	PL.18768	A	0VXE	7.55Y	125.9	0.00	0.14	34.40	0	254	53	98	0.00	0.0	0.155	0.000	0	0	0	95
PL.18769	PD.3457	A	2ACSR	7.55Y	125.8	0.10	0.24	34.40	14	254	53	98	0.17	0.1	0.247	0.092	0	0	0	95
PL.17475	PL.18769	A	2ACSR	7.53Y	125.5	0.23	0.47	34.40	14	254	53	98	0.41	0.2	0.466	0.219	0	0	0	95
PL.28069	PL.17475	A	4ACSR	7.53Y	125.5	0.00	0.47	0.54	0	4	1	97	0.00	0.0	0.480	0.014	0	0	0	4
PD.2049	PL.28069	A	fuse6AMP	7.53Y	125.5	0.00	0.47	0.54	9	4	1	97	0.00	0.0	0.480	0.000	0	0	0	4
PL.28070	PD.2049	A	4ACSR	7.53Y	125.5	0.00	0.47	0.54	0	4	1	97	0.00	0.0	0.589	0.109	0	0	0	4
PL.5217	PL.28070	A	4ACSR	7.53Y	125.5	0.00	0.47	0.53	0	4	1	97	0.00	0.0	0.657	0.069	0	0	0	3
PL.5218	PL.5217	A	4ACSR	7.53Y	125.5	0.00	0.47	0.53	0	4	1	97	0.00	0.0	0.683	0.026	0	0	0	3
PL.5233	PL.5218	A	4ACSR	7.53Y	125.5	0.00	0.47	0.01	0	0	0	100	0.00	0.0	0.860	0.177	0	0	0	1
085634	PL.5233	A	Consumer	7.53Y	125.5	0.00	0.47	0.01	0	0	0	100	0.00	0.0	0.860	0.000	0	0	1	1
085633	PL.5218	A	Consumer	7.53Y	125.5	0.00	0.47	0.10	0	1	0	100	0.00	0.0	0.683	0.000	1	0	1	1
085609	PL.5218	A	Consumer	7.53Y	125.5	0.00	0.47	0.43	0	3	1	95	0.00	0.0	0.683	0.000	3	1	1	1
085608	PL.28070	A	Consumer	7.53Y	125.5	0.00	0.47	0.01	0	0	0	100	0.00	0.0	0.589	0.000	0	0	1	1
PL.17476	PL.17475	A	2ACSR	7.52Y	125.4	0.13	0.60	33.86	13	250	52	98	0.24	0.1	0.595	0.129	0	0	0	91
PL.20069	PL.17476	A	4ACSR	7.52Y	125.4	0.00	0.60	0.53	0	4	1	97	0.00	0.0	0.597	0.002	0	0	0	1
PD.2050	PL.20069	A	fuse6AMP	7.52Y	125.4	0.00	0.60	0.53	9	4	1	97	0.00	0.0	0.597	0.000	0	0	0	1
PL.20070	PD.2050	A	4ACSR	7.52Y	125.4	0.00	0.60	0.53	0	4	1	97	0.00	0.0	0.662	0.066	0	0	0	1
085612	PL.20070	A	Consumer	7.52Y	125.4	0.00	0.60	0.53	0	4	1	97	0.00	0.0	0.662	0.000	4	1	1	1
PL.16327	PL.17476	A	2ACSR	7.52Y	125.3	0.14	0.75	33.33	13	246	51	98	0.25	0.1	0.735	0.140	0	0	0	90
PL.18830	PL.16327	A	4ACSR	7.51Y	125.2	0.02	0.76	33.33	17	245	51	98	0.04	0.0	0.748	0.013	0	0	0	90
C PD.1812	PL.18830	A	fuse6AMP	7.51Y	125.2	0.00	0.76	33.33	569	245	51	98	0.00	0.0	0.748	0.000	0	0	0	90 C
PL.18831	PD.1812	A	4ACSR	7.50Y	125.0	0.28	1.04	33.33	17	245	51	98	0.50	0.2	0.936	0.188	0	0	0	90
PL.14077	PL.18831	A	4ACSR	7.49Y	124.9	0.09	1.13	33.33	17	245	51	98	0.16	0.1	0.995	0.059	0	0	0	90

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.14078	PL.14077	A	4ACSR	7.49Y	124.8	0.05	1.17	33.23	17	244	50	98	0.09	0.0	1.028	0.033	0	0	0	89
PL.8458	PL.14078	A	4ACSR	7.48Y	124.7	0.15	1.32	32.90	17	241	50	98	0.27	0.1	1.132	0.104	0	0	0	88
086608	PL.8458	A	Consumer	7.48Y	124.7	0.00	1.32	0.00	0	0	0	100	0.00	0.0	1.132	0.000	0	0	0	0
PL.27097	PL.8458	A	4ACSR	7.47Y	124.6	0.11	1.44	32.90	17	241	50	98	0.20	0.1	1.211	0.079	0	0	0	88
PD.750-A	PL.27097	A	Closed	7.47Y	124.6	0.00	1.44	32.90	0	241	49	98	0.00	0.0	1.211	0.000	0	0	0	88
PD.750-B	PD.750-A	A	Closed	7.47Y	124.6	0.00	1.44	32.90	0	241	49	98	0.00	0.0	1.211	0.000	0	0	0	88
PL.27098	PD.750-B	A	4ACSR	7.45Y	124.2	0.40	1.84	32.90	17	241	49	98	0.72	0.3	1.488	0.277	0	0	0	88
PL.14076	PL.27098	A	4ACSR	7.43Y	123.9	0.30	2.14	31.99	16	233	48	98	0.52	0.2	1.702	0.214	0	0	0	86
PL.14075	PL.14076	A	4ACSR	7.42Y	123.7	0.18	2.32	31.99	16	233	47	98	0.31	0.1	1.830	0.129	0	0	0	86
PL.16253	PL.14075	A	4ACSR	7.42Y	123.7	0.00	2.32	0.81	0	6	1	99	0.00	0.0	1.846	0.016	0	0	0	2
PD.753-A	PL.16253	A	Closed	7.42Y	123.7	0.00	2.32	0.81	0	6	1	99	0.00	0.0	1.846	0.000	0	0	0	2
PD.753-B	PD.753-A	A	Closed	7.42Y	123.7	0.00	2.32	0.81	0	6	1	99	0.00	0.0	1.846	0.000	0	0	0	2
PL.27094	PD.753-B	A	4ACSR	7.42Y	123.7	0.00	2.32	0.81	0	6	1	99	0.00	0.0	1.903	0.056	0	0	0	2
087623	PL.27094	A	Consumer	7.42Y	123.7	0.00	2.32	0.00	0	0	0	100	0.00	0.0	1.903	0.000	0	0	1	1
087601	PL.27094	A	Consumer	7.42Y	123.7	0.00	2.32	0.80	0	6	1	99	0.00	0.0	1.903	0.000	6	1	1	1
PL.18521	PL.14075	A	4ACSR	7.42Y	123.7	0.03	2.34	31.19	16	227	46	98	0.05	0.0	1.850	0.020	0	0	0	84
C PD.1815	PL.18521	A	fuse6AMP	7.42Y	123.7	0.00	2.34	31.19	533	227	46	98	0.00	0.0	1.850	0.000	0	0	0	84 C
PL.18522	PD.1815	A	4ACSR	7.41Y	123.5	0.19	2.53	31.19	16	227	46	98	0.32	0.1	1.986	0.136	0	0	0	84
PL.14070	PL.18522	A	4ACSR	7.40Y	123.3	0.13	2.66	27.40	14	199	41	98	0.19	0.1	2.091	0.105	0	0	0	77
PL.14071	PL.14070	A	4ACSR	7.39Y	123.2	0.12	2.77	27.40	14	199	41	98	0.17	0.1	2.188	0.097	0	0	0	77
C PD.1817	PL.14071	A	fuse6AMP	7.39Y	123.2	0.00	2.77	27.40	468	199	40	98	0.00	0.0	2.188	0.000	0	0	0	77 C
PL.14069	PD.1817	A	4ACSR	7.38Y	123.1	0.16	2.94	26.99	14	196	40	98	0.24	0.1	2.327	0.139	0	0	0	75
PL.14068	PL.14069	A	4ACSR	7.37Y	122.9	0.17	3.11	26.84	14	194	39	98	0.25	0.1	2.475	0.148	0	0	0	72
087609	PL.14068	A	Consumer	7.37Y	122.9	0.00	3.11	0.17	0	1	0	100	0.00	0.0	2.475	0.000	1	0	1	1
PL.14072	PL.14068	A	4ACSR	7.36Y	122.7	0.16	3.28	26.67	14	193	39	98	0.24	0.1	2.615	0.140	0	0	0	71
PL.35566	PL.14072	A	4ACSR	7.36Y	122.7	0.00	3.28	0.92	0	7	1	99	0.00	0.0	2.619	0.004	0	0	0	1
PD.5223	PL.35566	A	fuse6AMP	7.36Y	122.7	0.00	3.28	0.92	16	7	1	99	0.00	0.0	2.619	0.000	0	0	0	1
PL.35567	PD.5223	A	4ACSR	7.36Y	122.7	0.00	3.28	0.92	0	7	1	99	0.00	0.0	2.656	0.038	0	0	0	1
087622	PL.35567	A	Consumer	7.36Y	122.7	0.00	3.28	0.92	0	7	1	99	0.00	0.0	2.656	0.000	7	1	1	1
PL.14073	PL.14072	A	4ACSR	7.36Y	122.6	0.12	3.39	25.75	13	186	38	98	0.17	0.1	2.721	0.106	0	0	0	70
087611	PL.14073	A	Consumer	7.36Y	122.6	0.00	3.39	0.38	0	3	1	95	0.00	0.0	2.721	0.000	3	1	1	1
PL.14074	PL.14073	A	4ACSR	7.35Y	122.6	0.05	3.44	25.37	13	183	37	98	0.07	0.0	2.766	0.045	0	0	0	69
PL.35568	PL.14074	A	4ACSR	7.35Y	122.6	0.00	3.44	0.89	0	6	1	99	0.00	0.0	2.770	0.004	0	0	0	1
PD.5224	PL.35568	A	fuse6AMP	7.35Y	122.6	0.00	3.44	0.89	15	6	1	99	0.00	0.0	2.770	0.000	0	0	0	1
PL.35569	PD.5224	A	4ACSR	7.35Y	122.6	0.00	3.45	0.89	0	6	1	99	0.00	0.0	2.810	0.040	0	0	0	1
087624	PL.35569	A	Consumer	7.35Y	122.6	0.00	3.45	0.89	0	6	1	99	0.00	0.0	2.810	0.000	6	1	1	1
PL.19176	PL.14074	A	4ACSR	7.34Y	122.4	0.19	3.63	24.48	13	176	36	98	0.25	0.1	2.939	0.173	0	0	0	68
088603	PL.19176	A	Consumer	7.34Y	122.4	0.00	3.63	0.19	0	1	0	100	0.00	0.0	2.939	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
PL.19177	PL.19176	A	4ACSR	7.34Y	122.3	0.10	3.73	24.29	13	175	35	98	0.14	0.1	3.035	0.096	0	0	0	67
PL.16246	PL.19177	A	4ACSR	7.33Y	122.2	0.05	3.79	23.16	12	166	34	98	0.07	0.0	3.087	0.052	0	0	0	66
PD.754-A	PL.16246	A	Closed	7.33Y	122.2	0.00	3.79	23.16	0	166	34	98	0.00	0.0	3.087	0.000	0	0	0	66
PD.754-B	PD.754-A	A	Closed	7.33Y	122.2	0.00	3.79	23.16	0	166	34	98	0.00	0.0	3.087	0.000	0	0	0	66
PL.16247	PD.754-B	A	4ACSR	7.33Y	122.2	0.04	3.83	23.16	12	166	34	98	0.05	0.0	3.130	0.042	0	0	0	66
PL.25278	PL.16247	A	4ACSR	7.33Y	122.1	0.06	3.89	22.53	12	162	33	98	0.07	0.0	3.191	0.061	0	0	0	64
PL.16244	PL.25278	A	4ACSR	7.33Y	122.1	0.00	3.89	6.92	4	50	10	98	0.00	0.0	3.200	0.009	0	0	0	25
PD.757-A	PL.16244	A	Closed	7.33Y	122.1	0.00	3.89	6.92	0	50	10	98	0.00	0.0	3.200	0.000	0	0	0	25
PD.757-B	PD.757-A	A	Closed	7.33Y	122.1	0.00	3.89	6.92	0	50	10	98	0.00	0.0	3.200	0.000	0	0	0	25
PL.16245	PD.757-B	A	4ACSR	7.33Y	122.1	0.01	3.90	6.92	4	50	10	98	0.00	0.0	3.236	0.036	0	0	0	25
PL.27296	PL.16245	A	4ACSR	7.33Y	122.1	0.01	3.91	6.71	3	48	9	98	0.00	0.0	3.269	0.034	0	0	0	24
PD.3459	PL.27296	A	15H	7.33Y	122.1	0.00	3.91	6.71	45	48	9	98	0.00	0.0	3.269	0.000	0	0	0	24
PL.27297	PD.3459	A	4ACSR	7.32Y	122.0	0.06	3.97	6.71	3	48	9	98	0.02	0.0	3.474	0.205	0	0	0	24
PL.28640	PL.27297	A	4ACSR	7.32Y	122.0	0.01	3.98	6.71	3	48	9	98	0.00	0.0	3.497	0.022	0	0	0	24
PL.35610	PL.28640	A	4ACSR	7.32Y	122.0	0.00	3.98	0.40	0	3	1	95	0.00	0.0	3.508	0.012	0	0	0	1
PD.5241	PL.35610	A	fuse6AMP	7.32Y	122.0	0.00	3.98	0.40	7	3	1	95	0.00	0.0	3.508	0.000	0	0	0	1
PL.35611	PD.5241	A	4ACSR	7.32Y	122.0	0.00	3.98	0.40	0	3	1	95	0.00	0.0	3.560	0.052	0	0	0	1
088618	PL.35611	A	Consumer	7.32Y	122.0	0.00	3.98	0.40	0	3	1	95	0.00	0.0	3.560	0.000	3	1	1	1
088633	PL.28640	A	Consumer	7.32Y	122.0	0.00	3.98	0.77	0	6	1	99	0.00	0.0	3.497	0.000	6	1	1	1
0886035	PL.28640	A	Consumer	7.32Y	122.0	0.00	3.98	0.00	0	0	0	100	0.00	0.0	3.497	0.000	0	0	0	0
088610	PL.28640	A	Consumer	7.32Y	122.0	0.00	3.98	0.35	0	3	0	100	0.00	0.0	3.497	0.000	3	0	1	1
PL.28641	PL.28640	A	4ACSR	7.32Y	122.0	0.05	4.03	5.19	3	37	7	98	0.01	0.0	3.701	0.204	0	0	0	21
088619	PL.28641	A	Consumer	7.32Y	122.0	0.00	4.03	0.37	0	3	1	95	0.00	0.0	3.701	0.000	3	1	1	1
088626	PL.28641	A	Consumer	7.32Y	122.0	0.00	4.03	0.31	0	2	0	100	0.00	0.0	3.701	0.000	2	0	1	1
PL.21680	PL.28641	A	4ACSR	7.32Y	121.9	0.03	4.06	4.51	2	32	6	98	0.01	0.0	3.868	0.167	0	0	0	19
PL.21227	PL.21680	A	4ACSR	7.32Y	121.9	0.00	4.06	3.92	2	28	5	98	0.00	0.0	3.897	0.029	0	0	0	16
PL.28205	PL.21227	A	4ACSR	7.32Y	121.9	0.01	4.08	3.92	2	28	5	98	0.00	0.0	3.983	0.086	0	0	0	16
PL.21798	PL.28205	A	4ACSR	7.32Y	121.9	0.00	4.08	0.00	0	0	0	100	0.00	0.0	4.032	0.049	0	0	0	1
088510	PL.21798	A	Consumer	7.32Y	121.9	0.00	4.08	0.00	0	0	0	100	0.00	0.0	4.032	0.000	0	0	1	1
PL.17959	PL.28205	A	4ACSR	7.31Y	121.9	0.01	4.09	3.92	2	28	5	98	0.00	0.0	4.048	0.064	0	0	0	15
PD.2485-A	PL.17959	A	Closed	7.31Y	121.9	0.00	4.09	3.92	0	28	5	98	0.00	0.0	4.048	0.000	0	0	0	15
PD.2485-B	PD.2485-A	A	Closed	7.31Y	121.9	0.00	4.09	3.92	0	28	5	98	0.00	0.0	4.048	0.000	0	0	0	15
PL.16238	PD.2485-B	A	4ACSR	7.31Y	121.9	0.01	4.10	3.92	2	28	5	98	0.00	0.0	4.098	0.050	0	0	0	15
088505	PL.16238	A	Consumer	7.31Y	121.9	0.00	4.10	0.54	0	4	1	97	0.00	0.0	4.098	0.000	4	1	1	1
PL.28141	PL.16238	A	4ACSR	7.31Y	121.9	0.00	4.10	3.38	2	24	5	98	0.00	0.0	4.115	0.017	0	0	0	14
PL.28142	PL.28141	A	4ACSR	7.31Y	121.9	0.01	4.11	3.00	2	22	4	98	0.00	0.0	4.222	0.107	0	0	0	13
PL.14207	PL.28142	A	4ACSR	7.31Y	121.9	0.02	4.13	2.82	1	20	4	98	0.00	0.0	4.351	0.129	0	0	0	12
PL.14208	PL.14207	A	4ACSR	7.31Y	121.9	0.00	4.13	0.50	0	4	1	97	0.00	0.0	4.466	0.115	0	0	0	2

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.16234	PL.14208	A	4ACSR	7.31Y	121.9	0.00	4.13	0.21	0	2	0	100	0.00	0.0	4.472	0.006	0	0	0	1
PD.2286	PL.16234	A	fuse6AMP	7.31Y	121.9	0.00	4.13	0.21	4	2	0	100	0.00	0.0	4.472	0.000	0	0	0	1
PL.16235	PD.2286	A	4ACSR	7.31Y	121.9	0.00	4.13	0.21	0	2	0	100	0.00	0.0	4.558	0.086	0	0	0	1
PL.21797	PL.16235	A	4ACSR	7.31Y	121.9	0.00	4.13	0.21	0	2	0	100	0.00	0.0	4.615	0.057	0	0	0	1
089510	PL.21797	A	Consumer	7.31Y	121.9	0.00	4.13	0.21	0	2	0	100	0.00	0.0	4.615	0.000	2	0	1	1
PL.14209	PL.16235	A	4ACSR	7.31Y	121.9	0.00	4.13	0.00	0	0	0	100	0.00	0.0	5.165	0.607	0	0	0	0
089501	PL.14209	A	Consumer	7.31Y	121.9	0.00	4.13	0.00	0	0	0	100	0.00	0.0	5.165	0.000	0	0	0	0
089503	PL.14208	A	Consumer	7.31Y	121.9	0.00	4.13	0.29	0	2	0	100	0.00	0.0	4.466	0.000	2	0	1	1
PL.16233	PL.14207	A	4ACSR	7.31Y	121.9	0.00	4.13	2.32	1	17	3	98	0.00	0.0	4.358	0.007	0	0	0	10
PD.2285	PL.16233	A	fuse6AMP	7.31Y	121.9	0.00	4.13	2.32	40	17	3	98	0.00	0.0	4.358	0.000	0	0	0	10
PL.23428	PD.2285	A	4ACSR	7.31Y	121.9	0.02	4.15	2.32	1	17	3	98	0.00	0.0	4.544	0.186	0	0	0	10
PL.28642	PL.23428	A	4ACSR	7.31Y	121.8	0.01	4.16	2.04	1	15	3	98	0.00	0.0	4.655	0.111	0	0	0	9
PL.35630	PL.28642	A	4ACSR	7.31Y	121.8	0.00	4.16	0.06	0	0	0	100	0.00	0.0	4.662	0.007	0	0	0	1
PD.5246	PL.35630	A	fuse6AMP	7.31Y	121.8	0.00	4.16	0.06	1	0	0	100	0.00	0.0	4.662	0.000	0	0	0	1
PL.35631	PD.5246	A	4ACSR	7.31Y	121.8	0.00	4.16	0.06	0	0	0	100	0.00	0.0	4.717	0.055	0	0	0	1
089507	PL.35631	A	Consumer	7.31Y	121.8	0.00	4.16	0.06	0	0	0	100	0.00	0.0	4.717	0.000	0	0	1	1
PL.21683	PL.35631	A	4ACSR	7.31Y	121.8	0.00	4.16	0.00	0	0	0	100	0.00	0.0	4.766	0.049	0	0	0	0
PL.22286	PL.28642	A	4ACSR	7.31Y	121.8	0.00	4.16	1.98	1	14	3	98	0.00	0.0	4.659	0.003	0	0	0	8
PL.22284	PL.22286	A	4ACSR	7.31Y	121.8	0.00	4.16	1.98	1	14	3	98	0.00	0.0	4.695	0.036	0	0	0	8
140501	PL.22284	A	Consumer	7.31Y	121.8	0.00	4.16	0.52	0	4	1	97	0.00	0.0	4.695	0.000	4	1	1	1
140507	PL.22284	A	Consumer	7.31Y	121.8	0.00	4.16	0.91	0	7	1	99	0.00	0.0	4.695	0.000	7	1	1	1
PL.22285	PL.22284	A	4ACSR	7.31Y	121.8	0.00	4.16	0.25	0	2	0	100	0.00	0.0	4.749	0.054	0	0	0	2
PL.22280	PL.22285	A	4ACSR	7.31Y	121.8	0.00	4.17	0.25	0	2	0	100	0.00	0.0	4.872	0.123	0	0	0	1
PL.22281	PL.22280	A	4ACSR	7.31Y	121.8	0.00	4.17	0.25	0	2	0	100	0.00	0.0	4.942	0.070	0	0	0	1
140505	PL.22281	A	Consumer	7.31Y	121.8	0.00	4.17	0.25	0	2	0	100	0.00	0.0	4.942	0.000	2	0	1	1
PL.22282	PL.22280	A	4ACSR	7.31Y	121.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	5.039	0.167	0	0	0	0
PL.22279	PL.22282	A	4ACSR	7.31Y	121.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	5.118	0.079	0	0	0	0
PL.22277	PL.22279	A	4ACSR	7.31Y	121.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	5.194	0.076	0	0	0	0
PL.22278	PL.22277	A	4ACSR	7.31Y	121.8	0.00	4.17	0.00	0	0	0	100	0.00	0.0	5.238	0.044	0	0	0	0
140604	PL.22285	A	Consumer	7.31Y	121.8	0.00	4.16	0.00	0	0	0	100	0.00	0.0	4.749	0.000	0	0	0	0
140509	PL.22285	A	Consumer	7.31Y	121.8	0.00	4.16	0.01	0	0	0	100	0.00	0.0	4.749	0.000	0	0	1	1
PL.35632	PL.22284	A	4ACSR	7.31Y	121.8	0.00	4.16	0.30	0	2	1	89	0.00	0.0	4.709	0.014	0	0	0	4
PD.5247	PL.35632	A	fuse6AMP	7.31Y	121.8	0.00	4.16	0.30	5	2	1	89	0.00	0.0	4.709	0.000	0	0	0	4
PL.35633	PD.5247	A	4ACSR	7.31Y	121.8	0.00	4.16	0.30	0	2	1	89	0.00	0.0	4.724	0.015	0	0	0	4
140506	PL.35633	A	Consumer	7.31Y	121.8	0.00	4.16	0.10	0	1	0	100	0.00	0.0	4.724	0.000	1	0	1	1
PL.22414	PL.35633	A	4ACSR	7.31Y	121.8	0.00	4.16	0.20	0	1	0	100	0.00	0.0	4.751	0.028	0	0	0	3
PL.28202	PL.22414	A	4ACSR	7.31Y	121.8	0.00	4.16	0.07	0	1	0	100	0.00	0.0	4.899	0.148	0	0	0	1
PL.22283	PL.28202	A	4ACSR	7.31Y	121.8	0.00	4.16	0.07	0	1	0	100	0.00	0.0	4.902	0.003	0	0	0	1

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.21796	PL.22283	A	4ACSR	7.31Y	121.8	0.00	4.16	0.07	0	1	0	100	0.00	0.0	4.959	0.057	0	0	0	1
089509	PL.21796	A	Consumer	7.31Y	121.8	0.00	4.16	0.07	0	1	0	100	0.00	0.0	4.959	0.000	1	0	1	1
140502	PL.22414	A	Consumer	7.31Y	121.8	0.00	4.16	0.09	0	1	0	100	0.00	0.0	4.751	0.000	1	0	1	1
140511	PL.22414	A	Consumer	7.31Y	121.8	0.00	4.16	0.03	0	0	0	100	0.00	0.0	4.751	0.000	0	0	1	1
PL.35628	PL.23428	A	4ACSR	7.31Y	121.9	0.00	4.15	0.28	0	2	0	100	0.00	0.0	4.548	0.004	0	0	0	1
PD.5245	PL.35628	A	fuse6AMP	7.31Y	121.9	0.00	4.15	0.28	5	2	0	100	0.00	0.0	4.548	0.000	0	0	0	1
PL.35629	PD.5245	A	4ACSR	7.31Y	121.8	0.00	4.15	0.28	0	2	0	100	0.00	0.0	4.600	0.052	0	0	0	1
089512	PL.35629	A	Consumer	7.31Y	121.8	0.00	4.15	0.28	0	2	0	100	0.00	0.0	4.600	0.000	2	0	1	1
089508	PL.28142	A	Consumer	7.31Y	121.9	0.00	4.11	0.19	0	1	0	100	0.00	0.0	4.222	0.000	1	0	1	1
088613	PL.28141	A	Consumer	7.31Y	121.9	0.00	4.10	0.37	0	3	1	95	0.00	0.0	4.115	0.000	3	1	1	1
PL.35612	PL.21680	A	4ACSR	7.32Y	121.9	0.00	4.06	0.33	0	2	0	100	0.00	0.0	3.881	0.013	0	0	0	2
PD.5242	PL.35612	A	fuse6AMP	7.32Y	121.9	0.00	4.06	0.33	6	2	0	100	0.00	0.0	3.881	0.000	0	0	0	2
PL.35613	PD.5242	A	4ACSR	7.32Y	121.9	0.00	4.06	0.33	0	2	0	100	0.00	0.0	3.959	0.078	0	0	0	2
088621	PL.35613	A	Consumer	7.32Y	121.9	0.00	4.06	0.00	0	0	0	100	0.00	0.0	3.959	0.000	0	0	1	1
0886034	PL.35613	A	Consumer	7.32Y	121.9	0.00	4.06	0.33	0	2	0	100	0.00	0.0	3.959	0.000	2	0	1	1
088616	PL.21680	A	Consumer	7.32Y	121.9	0.00	4.06	0.26	0	2	0	100	0.00	0.0	3.868	0.000	2	0	1	1
088605	PL.16245	A	Consumer	7.33Y	122.1	0.00	3.90	0.21	0	1	0	100	0.00	0.0	3.236	0.000	1	0	1	1
PL.16243	PL.25278	A	4ACSR	7.33Y	122.1	0.01	3.90	15.62	8	112	23	98	0.01	0.0	3.200	0.009	0	0	0	39
PD.756-A	PL.16243	A	Closed	7.33Y	122.1	0.00	3.90	15.62	0	112	23	98	0.00	0.0	3.200	0.000	0	0	0	39
PD.756-B	PD.756-A	A	Closed	7.33Y	122.1	0.00	3.90	15.62	0	112	23	98	0.00	0.0	3.200	0.000	0	0	0	39
PL.27314	PD.756-B	A	4ACSR	7.32Y	122.0	0.08	3.97	15.62	8	112	23	98	0.07	0.1	3.313	0.113	0	0	0	39
PL.35600	PL.27314	A	4ACSR	7.32Y	122.0	0.00	3.97	0.00	0	0	0	100	0.00	0.0	3.318	0.004	0	0	0	0
PD.5237	PL.35600	A	fuse6AMP	7.32Y	122.0	0.00	3.97	0.00	0	0	0	100	0.00	0.0	3.318	0.000	0	0	0	0
PL.35601	PD.5237	A	4ACSR	7.32Y	122.0	0.00	3.97	0.00	0	0	0	100	0.00	0.0	3.368	0.050	0	0	0	0
088620	PL.35601	A	Consumer	7.32Y	122.0	0.00	3.97	0.00	0	0	0	100	0.00	0.0	3.368	0.000	0	0	0	0
PL.27315	PL.27314	A	4ACSR	7.32Y	122.0	0.03	4.00	15.62	8	112	23	98	0.02	0.0	3.356	0.042	0	0	0	39
PD.3460	PL.27315	A	50V4E	7.32Y	122.0	0.00	4.00	15.62	0	112	23	98	0.00	0.0	3.356	0.000	0	0	0	39
PL.17953	PD.3460	A	4ACSR	7.32Y	122.0	0.01	4.01	15.62	8	112	23	98	0.01	0.0	3.370	0.015	0	0	0	39
PL.17954	PL.17953	A	4ACSR	7.32Y	122.0	0.01	4.03	13.77	7	99	19	98	0.01	0.0	3.392	0.022	0	0	0	37
PL.16242	PL.17954	A	4ACSR	7.31Y	121.9	0.11	4.13	13.77	7	99	19	98	0.08	0.1	3.569	0.177	0	0	0	37
088631	PL.16242	A	Consumer	7.31Y	121.9	0.00	4.13	0.00	0	0	0	100	0.00	0.0	3.569	0.000	0	0	1	1
088632	PL.16242	A	Consumer	7.31Y	121.9	0.00	4.13	0.00	0	0	0	100	0.00	0.0	3.569	0.000	0	0	1	1
088627	PL.16242	A	Consumer	7.31Y	121.9	0.00	4.13	1.27	0	9	2	98	0.00	0.0	3.569	0.000	9	2	1	1
PL.24833	PL.16242	A	4ACSR	7.31Y	121.8	0.03	4.17	12.50	6	90	17	98	0.02	0.0	3.633	0.064	0	0	0	34
PL.24834	PL.24833	A	4ACSR	7.31Y	121.8	0.01	4.18	12.50	6	90	17	98	0.01	0.0	3.656	0.023	0	0	0	34
PL.25277	PL.24834	A	4ACSR	7.30Y	121.7	0.09	4.27	11.64	6	84	16	98	0.06	0.1	3.834	0.178	0	0	0	33
PL.16236	PL.25277	A	4ACSR	7.30Y	121.7	0.00	4.27	11.08	6	80	15	98	0.00	0.0	3.837	0.003	0	0	0	32
PD.755-A	PL.16236	A	Closed	7.30Y	121.7	0.00	4.27	11.08	0	80	15	98	0.00	0.0	3.837	0.000	0	0	0	32

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.755-B	PD.755-A	A	Closed	7.30Y	121.7	0.00	4.27	11.08	0	80	15	98	0.00	0.0	3.837	0.000	0	0	0	32
PL.16237	PD.755-B	A	4ACSR	7.30Y	121.7	0.04	4.31	11.08	6	80	15	98	0.03	0.0	3.924	0.087	0	0	0	32
PL.35677	PL.16237	A	4ACSR	7.30Y	121.7	0.00	4.31	0.78	0	6	1	99	0.00	0.0	3.934	0.010	0	0	0	3
PD.5252	PL.35677	A	fuse6AMP	7.30Y	121.7	0.00	4.31	0.78	13	6	1	99	0.00	0.0	3.934	0.000	0	0	0	3
PL.35678	PD.5252	A	4ACSR	7.30Y	121.7	0.00	4.31	0.78	0	6	1	99	0.00	0.0	3.938	0.004	0	0	0	3
PL.5245	PL.35678	A	4ACSR	7.30Y	121.7	0.00	4.31	0.00	0	0	0	100	0.00	0.0	3.996	0.058	0	0	0	1
089614	PL.5245	A	Consumer	7.30Y	121.7	0.00	4.31	0.00	0	0	0	100	0.00	0.0	3.996	0.000	0	0	1	1
PL.14398	PL.35678	A	4ACSR	7.30Y	121.7	0.00	4.32	0.78	0	6	1	99	0.00	0.0	4.040	0.102	0	0	0	2
PL.39882	PL.14398	A	2ACSR	7.30Y	121.7	0.00	4.32	0.01	0	0	0	100	0.00	0.0	4.097	0.057	0	0	0	1
0896015	PL.39882	A	Consumer	7.30Y	121.7	0.00	4.32	0.01	0	0	0	100	0.00	0.0	4.097	0.000	0	0	1	1
089611	PL.14398	A	Consumer	7.30Y	121.7	0.00	4.32	0.78	0	6	1	99	0.00	0.0	4.040	0.000	6	1	1	1
PL.14399	PL.16237	A	4ACSR	7.29Y	121.5	0.14	4.45	10.30	5	74	14	98	0.08	0.1	4.230	0.306	0	0	0	29
089610	PL.14399	A	Consumer	7.29Y	121.5	0.00	4.45	0.00	0	0	0	100	0.00	0.0	4.230	0.000	0	0	0	0
089613	PL.14399	A	Consumer	7.29Y	121.5	0.00	4.45	1.17	0	8	2	97	0.00	0.0	4.230	0.000	8	2	1	1
089612	PL.14399	A	Consumer	7.29Y	121.5	0.00	4.45	0.00	0	0	0	100	0.00	0.0	4.230	0.000	0	0	0	0
PL.14195	PL.14399	A	4ACSR	7.29Y	121.5	0.03	4.48	8.87	5	64	12	98	0.01	0.0	4.298	0.068	0	0	0	27
PL.54	PL.14195	A	4ACSR	7.29Y	121.4	0.10	4.57	8.87	5	64	12	98	0.05	0.1	4.550	0.251	0	0	0	27
PL.16228	PL.54	A	4ACSR	7.29Y	121.4	0.01	4.58	5.40	3	39	7	98	0.00	0.0	4.575	0.025	0	0	0	13
C PD.681	PL.16228	A	fuse6AMP	7.29Y	121.4	0.00	4.58	5.40	92	39	7	98	0.00	0.0	4.575	0.000	0	0	0	13 C
PL.16229	PD.681	A	4ACSR	7.28Y	121.4	0.02	4.60	5.40	3	39	7	98	0.01	0.0	4.655	0.080	0	0	0	13
PL.22268	PL.16229	A	4ACSR	7.28Y	121.4	0.00	4.60	1.30	1	9	2	98	0.00	0.0	4.739	0.084	0	0	0	3
140606	PL.22268	A	Consumer	7.28Y	121.4	0.00	4.60	0.49	0	3	1	95	0.00	0.0	4.739	0.000	3	1	1	1
PL.22269	PL.22268	A	4ACSR	7.28Y	121.4	0.00	4.61	0.81	0	6	1	99	0.00	0.0	4.805	0.066	0	0	0	2
PL.22271	PL.22269	A	4ACSR	7.28Y	121.4	0.00	4.61	0.00	0	0	0	100	0.00	0.0	4.929	0.124	0	0	0	1
PL.22270	PL.22271	A	4ACSR	7.28Y	121.4	-0.00	4.61	0.00	0	0	0	100	0.00	0.0	4.983	0.054	0	0	0	1
140609	PL.22270	A	Consumer	7.28Y	121.4	0.00	4.61	0.00	0	0	0	100	0.00	0.0	4.983	0.000	0	0	1	1
140612	PL.22269	A	Consumer	7.28Y	121.4	0.00	4.61	0.00	0	0	0	100	0.00	0.0	4.805	0.000	0	0	0	0
140613	PL.22269	A	Consumer	7.28Y	121.4	0.00	4.61	0.81	0	6	1	99	0.00	0.0	4.805	0.000	6	1	1	1
PL.22411	PL.16229	A	4ACSR	7.28Y	121.4	0.00	4.60	0.73	0	5	1	98	0.00	0.0	4.711	0.056	0	0	0	3
PL.22412	PL.22411	A	4ACSR	7.28Y	121.4	0.00	4.60	0.67	0	5	1	98	0.00	0.0	4.744	0.034	0	0	0	2
140614	PL.22412	A	Consumer	7.28Y	121.4	0.00	4.60	0.34	0	2	0	100	0.00	0.0	4.744	0.000	2	0	1	1
140607	PL.22412	A	Consumer	7.28Y	121.4	0.00	4.60	0.34	0	2	0	100	0.00	0.0	4.744	0.000	2	0	1	1
140615	PL.22411	A	Consumer	7.28Y	121.4	0.00	4.60	0.05	0	0	0	100	0.00	0.0	4.711	0.000	0	0	1	1
PL.14211	PL.16229	A	4ACSR	7.28Y	121.4	0.02	4.62	3.37	2	24	5	98	0.00	0.0	4.803	0.149	0	0	0	7
PL.14212	PL.14211	A	4ACSR	7.28Y	121.4	0.01	4.63	2.30	1	16	3	98	0.00	0.0	4.867	0.063	0	0	0	6
PL.20941	PL.14212	A	4ACSR	7.28Y	121.4	0.00	4.63	1.82	1	13	2	99	0.00	0.0	4.870	0.003	0	0	0	5
PL.45292	PL.20941	A	4ACSR	7.28Y	121.4	0.01	4.63	1.82	1	13	2	99	0.00	0.0	4.963	0.092	0	0	0	5
1416010	PL.45292	A	Consumer	7.28Y	121.4	0.00	4.63	0.00	0	0	0	100	0.00	0.0	4.963	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.45293	PL.45292	A	4ACSR	7.28Y	121.4	0.01	4.64	1.82	1	13	2	99	0.00	0.0	5.070	0.108	0	0	0	5
PD.116-A	PL.45293	A	Closed	7.28Y	121.4	0.00	4.64	1.82	0	13	2	99	0.00	0.0	5.070	0.000	0	0	0	5
PD.116-B	PD.116-A	A	Closed	7.28Y	121.4	0.00	4.64	1.82	0	13	2	99	0.00	0.0	5.070	0.000	0	0	0	5
PL.16232	PD.116-B	A	4ACSR	7.28Y	121.3	0.02	4.67	1.82	1	13	2	99	0.00	0.0	5.375	0.304	0	0	0	5
PL.14213	PL.16232	A	4ACSR	7.28Y	121.3	0.02	4.69	1.82	1	13	2	99	0.00	0.0	5.613	0.239	0	0	0	5
PL.45938	PL.14213	A	4ACSR	7.28Y	121.3	0.00	4.69	1.35	1	10	2	98	0.00	0.0	5.628	0.015	0	0	0	2
PD.8691	PL.45938	A	fuse6AMP	7.28Y	121.3	0.00	4.69	1.35	23	10	2	98	0.00	0.0	5.628	0.000	0	0	0	2
PL.45939	PD.8691	A	4ACSR	7.28Y	121.3	0.01	4.70	1.35	1	10	2	98	0.00	0.0	5.814	0.186	0	0	0	2
PL.14401	PL.45939	A	4ACSR	7.28Y	121.3	0.00	4.70	0.17	0	1	0	100	0.00	0.0	5.938	0.124	0	0	0	1
141701	PL.14401	A	Consumer	7.28Y	121.3	0.00	4.70	0.17	0	1	0	100	0.00	0.0	5.938	0.000	1	0	1	1
PL.412	PL.45939	A	4ACSR	7.28Y	121.3	0.00	4.70	1.18	1	8	2	97	0.00	0.0	5.885	0.071	0	0	0	1
141702	PL.412	A	Consumer	7.28Y	121.3	0.00	4.70	1.18	0	8	2	97	0.00	0.0	5.885	0.000	8	2	1	1
PL.45940	PL.14213	A	4ACSR	7.28Y	121.3	0.00	4.69	0.47	0	3	1	95	0.00	0.0	5.637	0.024	0	0	0	3
PD.8692	PL.45940	A	fuse6AMP	7.28Y	121.3	0.00	4.69	0.47	8	3	1	95	0.00	0.0	5.637	0.000	0	0	0	3
PL.45941	PD.8692	A	4ACSR	7.28Y	121.3	0.00	4.69	0.47	0	3	1	95	0.00	0.0	5.812	0.174	0	0	0	3
PL.5707	PL.45941	A	4ACSR	7.28Y	121.3	0.00	4.69	0.00	0	0	0	100	0.00	0.0	6.075	0.263	0	0	0	2
141607	PL.5707	A	Consumer	7.28Y	121.3	0.00	4.69	0.00	0	0	0	100	0.00	0.0	6.075	0.000	0	0	1	1
141604	PL.5707	A	Consumer	7.28Y	121.3	0.00	4.69	0.00	0	0	0	100	0.00	0.0	6.075	0.000	0	0	1	1
141608	PL.45941	A	Consumer	7.28Y	121.3	0.00	4.69	0.47	0	3	1	95	0.00	0.0	5.812	0.000	3	1	1	1
PL.22272	PL.14212	A	4ACSR	7.28Y	121.4	0.00	4.63	0.48	0	3	1	95	0.00	0.0	4.948	0.081	0	0	0	1
141609	PL.22272	A	Consumer	7.28Y	121.4	0.00	4.63	0.48	0	3	1	95	0.00	0.0	4.948	0.000	3	1	1	1
1406020	PL.14211	A	Consumer	7.28Y	121.4	0.00	4.62	0.00	0	0	0	100	0.00	0.0	4.803	0.000	0	0	0	0
140616	PL.14211	A	Consumer	7.28Y	121.4	0.00	4.62	1.07	0	8	1	99	0.00	0.0	4.803	0.000	8	1	1	1
PL.16230	PL.54	A	4ACSR	7.29Y	121.4	0.00	4.58	3.48	2	25	5	98	0.00	0.0	4.563	0.013	0	0	0	14
PD.117-A	PL.16230	A	Closed	7.29Y	121.4	0.00	4.58	3.48	0	25	5	98	0.00	0.0	4.563	0.000	0	0	0	14
PD.117-B	PD.117-A	A	Closed	7.29Y	121.4	0.00	4.58	3.48	0	25	5	98	0.00	0.0	4.563	0.000	0	0	0	14
PL.16231	PD.117-B	A	4ACSR	7.29Y	121.4	0.00	4.58	3.48	2	25	5	98	0.00	0.0	4.579	0.017	0	0	0	14
140601	PL.16231	A	Consumer	7.29Y	121.4	0.00	4.58	0.00	0	0	0	100	0.00	0.0	4.579	0.000	0	0	1	1
PL.14210	PL.16231	A	4ACSR	7.28Y	121.4	0.02	4.60	3.48	2	25	5	98	0.00	0.0	4.708	0.129	0	0	0	13
PL.19055	PL.14210	A	4ACSR	7.28Y	121.4	0.05	4.64	3.44	2	25	5	98	0.01	0.0	5.013	0.305	0	0	0	12
PL.19056	PL.19055	A	4ACSR	7.28Y	121.3	0.04	4.69	3.44	2	25	5	98	0.01	0.0	5.297	0.284	0	0	0	12
PL.55	PL.19056	A	4ACSR	7.28Y	121.3	0.03	4.71	3.44	2	25	5	98	0.01	0.0	5.486	0.189	0	0	0	12
PD.118-A	PL.55	A	Closed	7.28Y	121.3	0.00	4.71	3.44	0	25	5	98	0.00	0.0	5.486	0.000	0	0	0	12
PD.118-B	PD.118-A	A	Closed	7.28Y	121.3	0.00	4.71	3.44	0	25	5	98	0.00	0.0	5.486	0.000	0	0	0	12
PL.14402	PD.118-B	A	4ACSR	7.28Y	121.3	0.02	4.73	3.44	2	25	5	98	0.00	0.0	5.623	0.137	0	0	0	12
PL.17841	PL.14402	A	4ACSR	7.27Y	121.2	0.02	4.76	3.06	2	22	4	98	0.00	0.0	5.805	0.183	0	0	0	10
PL.42210	PL.17841	A	4ACSR	7.27Y	121.2	0.04	4.80	3.06	2	22	4	98	0.01	0.0	6.128	0.323	0	0	0	10
PL.28143	PL.42210	A	4ACSR	7.27Y	121.2	0.01	4.82	3.06	2	22	4	98	0.00	0.0	6.231	0.103	0	0	0	10

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.8559	PL.28143	A	4ACSR	7.27Y	121.2	0.02	4.84	3.06	2	22	4	98	0.00	0.0	6.416	0.185	0	0	0	10
PL.5710	PL.8559	A	4ACSR	7.27Y	121.2	0.00	4.84	1.19	1	8	2	97	0.00	0.0	6.416	0.000	0	0	0	4
PL.16225	PL.5710	A	4ACSR	7.27Y	121.2	0.00	4.84	0.58	0	4	1	97	0.00	0.0	6.427	0.011	0	0	0	3
PD.684	PL.16225	A	fuse6AMP	7.27Y	121.2	0.00	4.84	0.58	10	4	1	97	0.00	0.0	6.427	0.000	0	0	0	3
PL.16226	PD.684	A	4ACSR	7.27Y	121.2	0.00	4.84	0.58	0	4	1	97	0.00	0.0	6.560	0.133	0	0	0	3
PL.14403	PL.16226	A	4ACSR	7.27Y	121.1	0.01	4.85	0.58	0	4	1	97	0.00	0.0	6.819	0.259	0	0	0	3
PL.14404	PL.14403	A	4ACSR	7.27Y	121.1	0.00	4.85	0.35	0	2	0	100	0.00	0.0	6.894	0.075	0	0	0	2
PL.35596	PL.14404	A	4ACSR	7.27Y	121.1	0.00	4.85	0.00	0	0	0	100	0.00	0.0	7.113	0.219	0	0	0	0
PD.5235-A	PL.35596	A	Open	7.27Y	121.1	0.00	4.85	0.00	0	0	0	100	0.00	0.0	7.113	0.000	0	0	0	0
141526	PL.14404	A	Consumer	7.27Y	121.1	0.00	4.85	0.00	0	0	0	100	0.00	0.0	6.894	0.000	0	0	1	1
141522	PL.14404	A	Consumer	7.27Y	121.1	0.00	4.85	0.34	0	2	0	100	0.00	0.0	6.894	0.000	2	0	1	1
PL.35598	PL.14403	A	4ACSR	7.27Y	121.1	0.00	4.85	0.23	0	2	0	100	0.00	0.0	6.824	0.005	0	0	0	1
PD.5236	PL.35598	A	fuse6AMP	7.27Y	121.1	0.00	4.85	0.23	4	2	0	100	0.00	0.0	6.824	0.000	0	0	0	1
PL.45279	PD.5236	A	4ACSR	7.27Y	121.1	0.00	4.85	0.23	0	2	0	100	0.00	0.0	6.908	0.084	0	0	0	1
141521	PL.45279	A	Consumer	7.27Y	121.1	0.00	4.85	0.23	0	2	0	100	0.00	0.0	6.908	0.000	2	0	1	1
PL.35599	PD.5236	A	4ACSR	7.27Y	121.1	0.00	4.85	0.00	0	0	0	100	0.00	0.0	6.864	0.040	0	0	0	0
141502	PL.35599	A	Consumer	7.27Y	121.1	0.00	4.85	0.00	0	0	0	100	0.00	0.0	6.864	0.000	0	0	0	0
141524	PL.35599	A	Consumer	7.27Y	121.1	0.00	4.85	0.00	0	0	0	100	0.00	0.0	6.864	0.000	0	0	0	0
141528	PL.5710	A	Consumer	7.27Y	121.2	0.00	4.84	0.61	0	4	1	97	0.00	0.0	6.416	0.000	4	1	1	1
PL.16223	PL.8559	A	4ACSR	7.27Y	121.2	0.00	4.84	1.87	1	13	3	97	0.00	0.0	6.427	0.011	0	0	0	6
PD.682	PL.16223	A	fuse6AMP	7.27Y	121.2	0.00	4.84	1.87	32	13	3	97	0.00	0.0	6.427	0.000	0	0	0	6
PL.16224	PD.682	A	4ACSR	7.27Y	121.2	0.00	4.84	1.87	1	13	3	97	0.00	0.0	6.467	0.040	0	0	0	6
PL.22287	PL.16224	A	4ACSR	7.27Y	121.2	0.00	4.85	0.28	0	2	0	100	0.00	0.0	6.555	0.088	0	0	0	1
141525	PL.22287	A	Consumer	7.27Y	121.2	0.00	4.85	0.28	0	2	0	100	0.00	0.0	6.555	0.000	2	0	1	1
PL.14405	PL.16224	A	4ACSR	7.27Y	121.2	0.00	4.85	1.59	1	11	2	98	0.00	0.0	6.490	0.023	0	0	0	5
PL.5709	PL.14405	A	4ACSR	7.27Y	121.1	0.01	4.85	1.51	1	11	2	98	0.00	0.0	6.572	0.083	0	0	0	4
1415029	PL.5709	A	Consumer	7.27Y	121.1	0.00	4.85	0.00	0	0	0	100	0.00	0.0	6.572	0.000	0	0	0	0
PL.19548	PL.5709	A	4ACSR	7.27Y	121.1	0.01	4.86	1.51	1	11	2	98	0.00	0.0	6.687	0.115	0	0	0	4
PL.19549	PL.19548	A	4ACSR	7.27Y	121.1	0.00	4.86	1.42	1	10	2	98	0.00	0.0	6.741	0.054	0	0	0	3
PL.22288	PL.19549	A	4ACSR	7.27Y	121.1	0.00	4.86	0.10	0	1	0	100	0.00	0.0	6.830	0.088	0	0	0	1
141403	PL.22288	A	Consumer	7.27Y	121.1	0.00	4.86	0.10	0	1	0	100	0.00	0.0	6.830	0.000	1	0	1	1
141404	PL.22288	A	Consumer	7.27Y	121.1	0.00	4.86	0.00	0	0	0	100	0.00	0.0	6.830	0.000	0	0	0	0
PL.16221	PL.19549	A	4ACSR	7.27Y	121.1	0.00	4.86	1.32	1	9	2	98	0.00	0.0	6.752	0.011	0	0	0	2
PD.685	PL.16221	A	fuse6AMP	7.27Y	121.1	0.00	4.86	1.32	23	9	2	98	0.00	0.0	6.752	0.000	0	0	0	2
PL.37911	PD.685	A	4ACSR	7.27Y	121.1	0.01	4.88	1.32	1	9	2	98	0.00	0.0	6.984	0.231	0	0	0	2
PD.6263-A	PL.37911	A	Closed	7.27Y	121.1	0.00	4.88	1.32	0	9	2	98	0.00	0.0	6.984	0.000	0	0	0	2
PD.6263-B	PD.6263-A	A	Closed	7.27Y	121.1	0.00	4.88	1.32	0	9	2	98	0.00	0.0	6.984	0.000	0	0	0	2
PL.37912	PD.6263-B	A	4ACSR	7.27Y	121.1	0.00	4.88	1.32	1	9	2	98	0.00	0.0	6.991	0.008	0	0	0	2

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.37909	PL.37912	A	4ACSR	7.27Y	121.1	0.00	4.88	0.59	0	4	1	97	0.00	0.0	7.002	0.011	0	0	0	1
PL.37910	PL.37909	A	4ACSR	7.27Y	121.1	0.00	4.88	0.59	0	4	1	97	0.00	0.0	7.117	0.115	0	0	0	1
141527	PL.37910	A	Consumer	7.27Y	121.1	0.00	4.88	0.59	0	4	1	97	0.00	0.0	7.117	0.000	4	1	1	1
PL.14406	PL.37912	A	4ACSR	7.27Y	121.1	0.01	4.88	0.74	0	5	1	98	0.00	0.0	7.150	0.158	0	0	0	1
PL.22273	PL.14406	A	4ACSR	7.27Y	121.1	0.00	4.89	0.74	0	5	1	98	0.00	0.0	7.266	0.116	0	0	0	1
PL.22274	PL.22273	A	4ACSR	7.27Y	121.1	0.00	4.89	0.74	0	5	1	98	0.00	0.0	7.398	0.132	0	0	0	1
142503	PL.22274	A	Consumer	7.27Y	121.1	0.00	4.89	0.74	0	5	1	98	0.00	0.0	7.398	0.000	5	1	1	1
142502	PL.22274	A	Consumer	7.27Y	121.1	0.00	4.89	0.00	0	0	0	100	0.00	0.0	7.398	0.000	0	0	0	0
PL.14061	PL.14406	A	4ACSR	7.27Y	121.1	0.00	4.88	0.00	0	0	0	100	0.00	0.0	7.595	0.445	0	0	0	0
141510	PL.19548	A	Consumer	7.27Y	121.1	0.00	4.86	0.09	0	1	0	100	0.00	0.0	6.687	0.000	1	0	1	1
141520	PL.14405	A	Consumer	7.27Y	121.2	0.00	4.85	0.08	0	1	0	100	0.00	0.0	6.490	0.000	1	0	1	1
PL.35608	PL.14402	A	4ACSR	7.28Y	121.3	0.00	4.74	0.25	0	2	0	100	0.00	0.0	5.633	0.010	0	0	0	1
PD.5240	PL.35608	A	fuse6AMP	7.28Y	121.3	0.00	4.74	0.25	4	2	0	100	0.00	0.0	5.633	0.000	0	0	0	1
PL.35609	PD.5240	A	4ACSR	7.28Y	121.3	0.00	4.74	0.25	0	2	0	100	0.00	0.0	5.716	0.083	0	0	0	1
141516	PL.35609	A	Consumer	7.28Y	121.3	0.00	4.74	0.25	0	2	0	100	0.00	0.0	5.716	0.000	2	0	1	1
PL.27998	PL.14402	A	4ACSR	7.28Y	121.3	0.00	4.74	0.13	0	1	0	100	0.00	0.0	5.895	0.273	0	0	0	1
141506	PL.27998	A	Consumer	7.28Y	121.3	0.00	4.74	0.00	0	0	0	100	0.00	0.0	5.895	0.000	0	0	0	0
140508	PL.27998	A	Consumer	7.28Y	121.3	0.00	4.74	0.13	0	1	0	100	0.00	0.0	5.895	0.000	1	0	1	1
141523	PL.27998	A	Consumer	7.28Y	121.3	0.00	4.74	0.00	0	0	0	100	0.00	0.0	5.895	0.000	0	0	0	0
PL.27999	PL.27998	A	4ACSR	7.28Y	121.3	0.00	4.74	0.00	0	0	0	100	0.00	0.0	5.896	0.000	0	0	0	0
PL.35606	PL.14210	A	4ACSR	7.28Y	121.4	-0.00	4.60	0.04	0	0	0	100	0.00	0.0	4.712	0.004	0	0	0	1
PD.5239	PL.35606	A	fuse6AMP	7.28Y	121.4	0.00	4.60	0.04	1	0	0	100	0.00	0.0	4.712	0.000	0	0	0	1
PL.35607	PD.5239	A	4ACSR	7.28Y	121.4	0.00	4.60	0.04	0	0	0	100	0.00	0.0	4.854	0.142	0	0	0	1
140602	PL.35607	A	Consumer	7.28Y	121.4	0.00	4.60	0.04	0	0	0	100	0.00	0.0	4.854	0.000	0	0	1	1
PL.411	PL.14195	A	4ACSR	7.29Y	121.5	0.00	4.48	0.00	0	0	0	100	0.00	0.0	4.301	0.003	0	0	0	0
PL.35604	PL.14399	A	4ACSR	7.29Y	121.5	0.00	4.45	0.25	0	2	0	100	0.00	0.0	4.248	0.017	0	0	0	1
PD.5238	PL.35604	A	fuse6AMP	7.29Y	121.5	0.00	4.45	0.25	4	2	0	100	0.00	0.0	4.248	0.000	0	0	0	1
PL.35605	PD.5238	A	4ACSR	7.29Y	121.5	0.00	4.45	0.25	0	2	0	100	0.00	0.0	4.276	0.028	0	0	0	1
PL.25276	PL.35605	A	4ACSR	7.29Y	121.5	0.00	4.45	0.00	0	0	0	100	0.00	0.0	4.395	0.120	0	0	0	0
089608	PL.35605	A	Consumer	7.29Y	121.5	0.00	4.45	0.25	0	2	0	100	0.00	0.0	4.276	0.000	2	0	1	1
PL.35675	PL.25277	A	4ACSR	7.30Y	121.7	0.00	4.27	0.56	0	4	1	97	0.00	0.0	3.849	0.016	0	0	0	1
PD.5251	PL.35675	A	fuse6AMP	7.30Y	121.7	0.00	4.27	0.56	10	4	1	97	0.00	0.0	3.849	0.000	0	0	0	1
PL.35676	PD.5251	A	4ACSR	7.30Y	121.7	0.00	4.27	0.56	0	4	1	97	0.00	0.0	3.915	0.065	0	0	0	1
089602	PL.35676	A	Consumer	7.30Y	121.7	0.00	4.27	0.56	0	4	1	97	0.00	0.0	3.915	0.000	4	1	1	1
088608	PL.24834	A	Consumer	7.31Y	121.8	0.00	4.18	0.86	0	6	1	99	0.00	0.0	3.656	0.000	6	1	1	1
088622	PL.24834	A	Consumer	7.31Y	121.8	0.00	4.18	0.00	0	0	0	100	0.00	0.0	3.656	0.000	0	0	0	0
PL.35602	PL.17953	A	4ACSR	7.32Y	122.0	0.00	4.01	1.87	1	13	5	93	0.00	0.0	3.380	0.009	0	0	0	2
PD.1819	PL.35602	A	fuse6AMP	7.32Y	122.0	0.00	4.01	1.87	32	13	5	93	0.00	0.0	3.380	0.000	0	0	0	2

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.35603	PD.1819	A	4ACSR	7.32Y	122.0	0.00	4.02	1.87	1	13	5	93	0.00	0.0	3.431	0.052	0	0	0	2
088625	PL.35603	A	Consumer	7.32Y	122.0	0.00	4.02	0.77	0	6	1	99	0.00	0.0	3.431	0.000	6	1	1	1
088630	PL.35603	A	Consumer	7.32Y	122.0	0.00	4.02	1.11	0	7	4	87	0.00	0.0	3.431	0.000	7	4	1	1
088606	PL.16247	A	Consumer	7.33Y	122.2	0.00	3.83	0.38	0	3	1	95	0.00	0.0	3.130	0.000	3	1	1	1
088615	PL.16247	A	Consumer	7.33Y	122.2	0.00	3.83	0.25	0	2	0	100	0.00	0.0	3.130	0.000	2	0	1	1
088628	PL.16247	A	Consumer	7.33Y	122.2	0.00	3.83	0.00	0	0	0	100	0.00	0.0	3.130	0.000	0	0	0	0
088629	PL.19177	A	Consumer	7.34Y	122.3	0.00	3.73	1.13	0	8	2	97	0.00	0.0	3.035	0.000	8	2	1	1
PL.16248	PL.14069	A	4ACSR	7.38Y	123.1	0.00	2.94	0.15	0	1	0	100	0.00	0.0	2.345	0.017	0	0	0	3
PD.1818	PL.16248	A	fuse6AMP	7.38Y	123.1	0.00	2.94	0.15	3	1	0	100	0.00	0.0	2.345	0.000	0	0	0	3
PL.23429	PD.1818	A	4ACSR	7.38Y	123.1	0.00	2.94	0.15	0	1	0	100	0.00	0.0	2.488	0.144	0	0	0	3
087606	PL.23429	A	Consumer	7.38Y	123.1	0.00	2.94	0.09	0	1	0	100	0.00	0.0	2.488	0.000	1	0	1	1
PL.21791	PL.23429	A	4ACSR	7.38Y	123.1	0.00	2.94	0.06	0	0	0	100	0.00	0.0	2.534	0.046	0	0	0	2
087608	PL.21791	A	Consumer	7.38Y	123.1	0.00	2.94	0.04	0	0	0	100	0.00	0.0	2.534	0.000	0	0	1	1
087614	PL.21791	A	Consumer	7.38Y	123.1	0.00	2.94	0.02	0	0	0	100	0.00	0.0	2.534	0.000	0	0	1	1
PL.5241	PD.1817	A	4ACSR	7.39Y	123.2	0.00	2.77	0.42	0	3	1	95	0.00	0.0	2.260	0.072	0	0	0	1
087605	PL.5241	A	Consumer	7.39Y	123.2	0.00	2.77	0.42	0	3	1	95	0.00	0.0	2.260	0.000	3	1	1	1
PL.5242	PD.1817	A	4ACSR	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	2.252	0.064	0	0	0	1
087619	PL.5242	A	Consumer	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	2.252	0.000	0	0	0	0
087620	PL.5242	A	Consumer	7.39Y	123.2	0.00	2.77	0.00	0	0	0	100	0.00	0.0	2.252	0.000	0	0	1	1
PL.35564	PL.18522	A	4ACSR	7.41Y	123.5	0.00	2.53	3.78	2	28	5	98	0.00	0.0	1.991	0.005	0	0	0	7
PD.5222-A	PL.35564	A	Closed	7.41Y	123.5	0.00	2.53	3.78	0	28	5	98	0.00	0.0	1.991	0.000	0	0	0	7
PD.5222-B	PD.5222-A	A	Closed	7.41Y	123.5	0.00	2.53	3.78	0	28	5	98	0.00	0.0	1.991	0.000	0	0	0	7
PL.35565	PD.5222-B	A	4ACSR	7.41Y	123.5	0.02	2.55	3.78	2	28	5	98	0.00	0.0	2.098	0.108	0	0	0	7
PL.16251	PL.35565	A	4ACSR	7.41Y	123.4	0.00	2.55	3.35	2	24	5	98	0.00	0.0	2.114	0.016	0	0	0	5
PD.1814	PL.16251	A	fuse6AMP	7.41Y	123.4	0.00	2.55	3.35	57	24	5	98	0.00	0.0	2.114	0.000	0	0	0	5
PL.16252	PD.1814	A	4ACSR	7.41Y	123.4	0.01	2.56	3.35	2	24	5	98	0.00	0.0	2.198	0.084	0	0	0	5
087618	PL.16252	A	Consumer	7.41Y	123.4	0.00	2.56	0.73	0	5	1	98	0.00	0.0	2.198	0.000	5	1	1	1
PL.24831	PL.16252	A	4ACSR	7.40Y	123.4	0.04	2.61	2.62	1	19	4	98	0.01	0.0	2.588	0.390	0	0	0	4
PL.25280	PL.24831	A	4ACSR	7.40Y	123.4	0.02	2.63	1.93	1	14	3	98	0.00	0.0	2.810	0.223	0	0	0	3
PL.25279	PL.25280	A	4ACSR	7.40Y	123.4	0.00	2.63	0.00	0	0	0	100	0.00	0.0	2.878	0.067	0	0	0	0
087705	PL.25280	A	Consumer	7.40Y	123.4	0.00	2.63	1.05	0	8	1	99	0.00	0.0	2.810	0.000	8	1	1	1
087704	PL.25280	A	Consumer	7.40Y	123.4	0.00	2.63	0.57	0	4	1	97	0.00	0.0	2.810	0.000	4	1	1	1
087702	PL.25280	A	Consumer	7.40Y	123.4	0.00	2.63	0.31	0	2	0	100	0.00	0.0	2.810	0.000	2	0	1	1
087706	PL.24831	A	Consumer	7.40Y	123.4	0.00	2.61	0.69	0	5	1	98	0.00	0.0	2.588	0.000	5	1	1	1
087621	PL.35565	A	Consumer	7.41Y	123.5	0.00	2.55	0.08	0	1	0	100	0.00	0.0	2.098	0.000	1	0	1	1
087602	PL.35565	A	Consumer	7.41Y	123.5	0.00	2.55	0.36	0	3	0	100	0.00	0.0	2.098	0.000	3	0	1	1
PL.27095	PL.27098	A	4ACSR	7.45Y	124.2	0.00	1.84	0.52	0	4	1	97	0.00	0.0	1.504	0.016	0	0	0	1
PD.2052	PL.27095	A	fuse6AMP	7.45Y	124.2	0.00	1.84	0.52	9	4	1	97	0.00	0.0	1.504	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss			KW	KVAR			
PL.27096	PD.2052	A	4ACSR	7.45Y	124.2	0.00	1.84	0.52	0	4	1	97	0.00	0.0	1.605	0.101	0	0	0	1
086628	PL.27096	A	Consumer	7.45Y	124.2	0.00	1.84	0.52	0	4	1	97	0.00	0.0	1.605	0.000	4	1	1	1
086609	PL.27098	A	Consumer	7.45Y	124.2	0.00	1.84	0.38	0	3	1	95	0.00	0.0	1.488	0.000	3	1	1	1
086632	PL.14078	A	Consumer	7.49Y	124.8	0.00	1.17	0.33	0	2	0	100	0.00	0.0	1.028	0.000	2	0	1	1
PL.27099	PL.14077	A	4ACSR	7.49Y	124.9	0.00	1.13	0.11	0	1	0	100	0.00	0.0	1.016	0.020	0	0	0	1
PD.2051	PL.27099	A	fuse6AMP	7.49Y	124.9	0.00	1.13	0.11	2	1	0	100	0.00	0.0	1.016	0.000	0	0	0	1
PL.27100	PD.2051	A	4ACSR	7.49Y	124.9	0.00	1.13	0.11	0	1	0	100	0.00	0.0	1.080	0.065	0	0	0	1
086607	PL.27100	A	Consumer	7.49Y	124.9	0.00	1.13	0.11	0	1	0	100	0.00	0.0	1.080	0.000	1	0	1	1
086606	PL.18831	A	Consumer	7.50Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	0.936	0.000	0	0	0	0
PL.404	PL.46111	A	1/0ACSR	7.56Y	125.9	0.01	0.08	5.96	2	44	8	98	0.00	0.0	0.150	0.075	0	0	0	20
PL.20433	PL.404	A	4ACSR	7.55Y	125.9	0.00	0.08	5.96	3	44	8	98	0.00	0.0	0.155	0.005	0	0	0	20
PD.3456	PL.20433	A	50V4E	7.55Y	125.9	0.00	0.08	5.96	0	44	8	98	0.00	0.0	0.155	0.000	0	0	0	20
PL.20434	PD.3456	A	4ACSR	7.55Y	125.9	0.03	0.12	5.96	3	44	8	98	0.01	0.0	0.288	0.133	0	0	0	20
PL.21062	PL.20434	A	4ACSR	7.55Y	125.9	0.00	0.12	1.61	1	12	2	99	0.00	0.0	0.302	0.014	0	0	0	4
PL.21063	PL.21062	A	4ACSR	7.55Y	125.9	0.00	0.12	1.61	1	12	2	99	0.00	0.0	0.353	0.051	0	0	0	4
PL.5219	PL.21063	A	4ACSR	7.55Y	125.9	0.00	0.13	1.20	1	9	2	98	0.00	0.0	0.437	0.084	0	0	0	2
PL.5220	PL.5219	A	4ACSR	7.55Y	125.9	0.00	0.13	1.20	1	9	2	98	0.00	0.0	0.520	0.084	0	0	0	2
085622	PL.5220	A	Consumer	7.55Y	125.9	0.00	0.13	0.20	0	2	0	100	0.00	0.0	0.520	0.000	2	0	1	1
PL.32956	PL.5220	A	4ACSR	7.55Y	125.9	0.00	0.13	1.00	1	7	1	99	0.00	0.0	0.568	0.047	0	0	0	1
0856035	PL.32956	A	Consumer	7.55Y	125.9	0.00	0.13	1.00	0	7	1	99	0.00	0.0	0.568	0.000	7	1	1	1
PL.5226	PL.21063	A	4ACSR	7.55Y	125.9	0.00	0.13	0.41	0	3	1	95	0.00	0.0	0.453	0.100	0	0	0	2
PL.5227	PL.5226	A	4ACSR	7.55Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	0.490	0.037	0	0	0	0
PL.5228	PL.5227	A	4ACSR	7.55Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	0.549	0.059	0	0	0	0
085631	PL.5226	A	Consumer	7.55Y	125.9	0.00	0.13	0.00	0	0	0	100	0.00	0.0	0.453	0.000	0	0	1	1
085620	PL.5226	A	Consumer	7.55Y	125.9	0.00	0.13	0.41	0	3	1	95	0.00	0.0	0.453	0.000	3	1	1	1
PL.14393	PL.20434	A	4ACSR	7.55Y	125.8	0.06	0.18	4.35	2	32	6	98	0.01	0.0	0.602	0.314	0	0	0	16
PL.27686	PL.14393	A	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	0.615	0.012	0	0	0	1
PL.27685	PL.27686	A	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	0.691	0.077	0	0	0	1
PL.5222	PL.27685	A	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	0.769	0.077	0	0	0	1
PL.5223	PL.5222	A	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	0.810	0.041	0	0	0	1
PD.2047	PL.5223	A	fuse6AMP	7.55Y	125.8	0.00	0.18	0.17	3	1	0	100	0.00	0.0	0.810	0.000	0	0	0	1
PL.5224	PD.2047	A	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	0.920	0.109	0	0	0	1
PL.5225	PL.5224	A	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	0.977	0.057	0	0	0	1
085601	PL.5225	A	Consumer	7.55Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.977	0.000	0	0	0	0
085613	PL.5225	A	Consumer	7.55Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.977	0.000	0	0	0	0
PL.8463	PL.5225	A	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	1.032	0.055	0	0	0	1
PL.8462	PL.8463	A	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	1.053	0.020	0	0	0	1
PL.20168	PL.8462	A	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	1.135	0.082	0	0	0	1

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss			KW	KVAR			
PL.20167	PL.20168	A	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	1.144	0.009	0	0	0	1
PL.24570	PL.20167	A	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	1.207	0.063	0	0	0	1
PL.14394	PL.24570	A	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	1.231	0.024	0	0	0	1
PL.14395	PL.14394	A	4ACSR	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	1.390	0.159	0	0	0	1
085515	PL.14395	A	Consumer	7.55Y	125.8	0.00	0.18	0.17	0	1	0	100	0.00	0.0	1.390	0.000	1	0	1	1
PL.35563	PL.14393	A	4ACSR	7.55Y	125.8	0.00	0.18	3.95	2	29	5	99	0.00	0.0	0.609	0.007	0	0	0	14
PD.5221-A	PL.35563	A	Closed	7.55Y	125.8	0.00	0.18	3.95	0	29	5	99	0.00	0.0	0.609	0.000	0	0	0	14
PD.5221-B	PD.5221-A	A	Closed	7.55Y	125.8	0.00	0.18	3.95	0	29	5	99	0.00	0.0	0.609	0.000	0	0	0	14
PL.35562	PD.5221-B	A	4ACSR	7.55Y	125.8	0.02	0.20	3.95	2	29	5	99	0.00	0.0	0.708	0.099	0	0	0	14
PL.8464	PL.35562	A	4ACSR	7.55Y	125.8	0.01	0.21	3.61	2	27	5	98	0.00	0.0	0.774	0.066	0	0	0	12
PL.14391	PL.8464	A	4ACSR	7.55Y	125.8	0.00	0.21	3.61	2	27	5	98	0.00	0.0	0.799	0.026	0	0	0	12
PL.27688	PL.14391	A	4ACSR	7.55Y	125.8	0.00	0.21	3.61	2	27	5	98	0.00	0.0	0.808	0.009	0	0	0	12
PD.24-A	PL.27688	A	Closed	7.55Y	125.8	0.00	0.21	3.61	0	27	5	98	0.00	0.0	0.808	0.000	0	0	0	12
PD.24-B	PD.24-A	A	Closed	7.55Y	125.8	0.00	0.21	3.61	0	27	5	98	0.00	0.0	0.808	0.000	0	0	0	12
PL.27687	PD.24-B	A	4ACSR	7.55Y	125.8	0.01	0.22	3.61	2	27	5	98	0.00	0.0	0.877	0.069	0	0	0	12
PL.5040	PL.27687	A	4ACSR	7.55Y	125.8	0.00	0.22	0.04	0	0	0	100	0.00	0.0	0.943	0.066	0	0	0	1
084602	PL.5040	A	Consumer	7.55Y	125.8	0.00	0.22	0.04	0	0	0	100	0.00	0.0	0.943	0.000	0	0	1	1
PL.8303	PL.27687	A	4ACSR	7.55Y	125.8	0.01	0.24	2.37	1	18	3	99	0.00	0.0	1.023	0.145	0	0	0	6
084613	PL.8303	A	Consumer	7.55Y	125.8	0.00	0.24	0.23	0	2	0	100	0.00	0.0	1.023	0.000	2	0	1	1
084615	PL.8303	A	Consumer	7.55Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	1.023	0.000	0	0	0	0
PL.14390	PL.8303	A	4ACSR	7.55Y	125.8	0.01	0.24	2.14	1	16	3	98	0.00	0.0	1.080	0.058	0	0	0	5
PL.18347	PL.14390	A	4ACSR	7.55Y	125.8	0.00	0.24	0.97	1	7	1	99	0.00	0.0	1.094	0.014	0	0	0	2
PD.26-A	PL.18347	A	Closed	7.55Y	125.8	0.00	0.24	0.97	0	7	1	99	0.00	0.0	1.094	0.000	0	0	0	2
PD.26-B	PD.26-A	A	Closed	7.55Y	125.8	0.00	0.24	0.97	0	7	1	99	0.00	0.0	1.094	0.000	0	0	0	2
PL.18348	PD.26-B	A	4ACSR	7.55Y	125.8	0.00	0.25	0.97	1	7	1	99	0.00	0.0	1.173	0.079	0	0	0	2
PL.5041	PL.18348	A	4ACSR	7.54Y	125.7	0.00	0.25	0.97	1	7	1	99	0.00	0.0	1.235	0.061	0	0	0	2
084618	PL.5041	A	Consumer	7.54Y	125.7	0.00	0.25	0.00	0	0	0	100	0.00	0.0	1.235	0.000	0	0	0	0
084622	PL.5041	A	Consumer	7.54Y	125.7	0.00	0.25	0.62	0	5	1	98	0.00	0.0	1.235	0.000	5	1	1	1
084620	PL.5041	A	Consumer	7.54Y	125.7	0.00	0.25	0.35	0	3	0	100	0.00	0.0	1.235	0.000	3	0	1	1
PL.20590	PL.14390	A	4ACSR	7.55Y	125.8	0.00	0.24	1.16	1	9	2	98	0.00	0.0	1.097	0.016	0	0	0	3
PD.1160	PL.20590	A	fuse6AMP	7.55Y	125.8	0.00	0.24	1.16	20	9	2	98	0.00	0.0	1.097	0.000	0	0	0	3
PL.20589	PD.1160	A	4ACSR	7.54Y	125.7	0.01	0.26	1.16	1	9	2	98	0.00	0.0	1.370	0.273	0	0	0	3
PL.19072	PL.20589	A	4ACSR	7.54Y	125.7	0.00	0.26	1.16	1	9	2	98	0.00	0.0	1.416	0.046	0	0	0	3
PL.19071	PL.19072	A	4ACSR	7.54Y	125.7	0.00	0.26	0.47	0	3	1	95	0.00	0.0	1.464	0.048	0	0	0	1
084513	PL.19071	A	Consumer	7.54Y	125.7	0.00	0.26	0.47	0	3	1	95	0.00	0.0	1.464	0.000	3	1	1	1
PL.41211	PL.19071	A	4ACSR	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	1.480	0.016	0	0	0	0
PD.7263-A	PL.41211	A	Closed	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	1.480	0.000	0	0	0	0
PD.7263-B	PD.7263-A	A	Closed	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	1.480	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: HIGH ROCK

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							-Base Voltage:120.0-	Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF		kW Loss	% Loss			Length (mi)	KW
PL.41210	PD.7263-B	A	4ACSR	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	1.727	0.247	0	0	0	0
PD.6884-B	PL.41210	A	Open	7.54Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	1.727	0.000	0	0	0	0
084512	PL.19072	A	Consumer	7.54Y	125.7	0.00	0.26	0.36	0	3	1	95	0.00	0.0	1.416	0.000	3	1	1	1
084555	PL.19072	A	Consumer	7.54Y	125.7	0.00	0.26	0.33	0	2	0	100	0.00	0.0	1.416	0.000	2	0	1	1
084608	PL.27687	A	Consumer	7.55Y	125.8	0.00	0.22	0.36	0	3	0	100	0.00	0.0	0.877	0.000	3	0	1	1
PL.19399	PL.27687	A	4ACSR	7.55Y	125.8	0.00	0.22	0.84	0	6	1	99	0.00	0.0	0.890	0.013	0	0	0	4
PD.1161	PL.19399	A	fuse6AMP	7.55Y	125.8	0.00	0.22	0.84	14	6	1	99	0.00	0.0	0.890	0.000	0	0	0	4
PL.19400	PD.1161	A	4ACSR	7.55Y	125.8	0.00	0.22	0.84	0	6	1	99	0.00	0.0	0.913	0.023	0	0	0	4
PL.8302	PL.19400	A	4ACSR	7.55Y	125.8	0.00	0.23	0.66	0	5	1	98	0.00	0.0	0.977	0.064	0	0	0	3
084605	PL.8302	A	Consumer	7.55Y	125.8	0.00	0.23	0.13	0	1	0	100	0.00	0.0	0.977	0.000	1	0	1	1
084604	PL.8302	A	Consumer	7.55Y	125.8	0.00	0.23	0.23	0	2	0	100	0.00	0.0	0.977	0.000	2	0	1	1
084623	PL.8302	A	Consumer	7.55Y	125.8	0.00	0.23	0.30	0	2	0	100	0.00	0.0	0.977	0.000	2	0	1	1
084603	PL.19400	A	Consumer	7.55Y	125.8	0.00	0.22	0.18	0	1	0	100	0.00	0.0	0.913	0.000	1	0	1	1
085617	PL.35562	A	Consumer	7.55Y	125.8	0.00	0.20	0.03	0	0	0	100	0.00	0.0	0.708	0.000	0	0	1	1
085603	PL.35562	A	Consumer	7.55Y	125.8	0.00	0.20	0.30	0	2	0	100	0.00	0.0	0.708	0.000	2	0	1	1
PL.35560	PL.14393	A	4ACSR	7.55Y	125.8	0.00	0.18	0.24	0	2	0	100	0.00	0.0	0.620	0.017	0	0	0	1
PD.5220	PL.35560	A	fuse6AMP	7.55Y	125.8	0.00	0.18	0.24	4	2	0	100	0.00	0.0	0.620	0.000	0	0	0	1
PL.35561	PD.5220	A	4ACSR	7.55Y	125.8	0.00	0.18	0.24	0	2	0	100	0.00	0.0	0.655	0.035	0	0	0	1
085604	PL.35561	A	Consumer	7.55Y	125.8	0.00	0.18	0.24	0	2	0	100	0.00	0.0	0.655	0.000	2	0	1	1

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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	642	0	0	0	0	0	16	0.00		657
KVAR	123	0	0	0	0	0	11			134

Lowest Voltage	Highest Accumulated Voltage Drop	Highest Element Voltage Drop
A-Phase -> 120.58 volts on PL.35595	5.42 volts on PL.35595	0.41 volts on PL.25303
B-Phase -> 126.00 volts on HIGH ROCK	0.00 volts on	0.00 volts on
C-Phase -> 126.00 volts on HIGH ROCK	0.00 volts on	0.00 volts on

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
HINKSTON		A	HINKSTON	15.12Y	126.0	0.00	0.00	116.49	0	1701	459	97	0.00	0.0	0.000	0.000	0	0	0	144
		B		15.12Y	126.0	0.00	0.00	116.26	0	1684	503	96					0	0	0	174
		C		15.12Y	126.0	0.00	0.00	96.64	0	1391	449	95					0	0	0	92
PL.42351	HINKSTON	A	336ACSR	15.12Y	126.0	0.00	0.00	32.47	4	489	43	100	0.02	0.0	0.012	0.012	0	0	0	49
		B		15.12Y	126.0	0.00	0.00	62.04	8	932	104	99					0	0	0	160
		C		15.12Y	126.0	-0.00	-0.00	23.94	3	358	54	99					0	0	0	45
PL.42653	PL.42351	A	336ACSR	15.12Y	126.0	0.00	0.00	32.47	4	489	43	100	0.02	0.0	0.022	0.010	0	0	0	49
		B		15.12Y	126.0	0.00	0.00	62.04	8	932	104	99					0	0	0	160
		C		15.12Y	126.0	-0.00	-0.00	23.94	3	358	54	99					0	0	0	45
----- Feeder No. 2 (HINKSTON2) Beginning with Device PD.8110 -----																				
PD.8110	PL.42653	A	VWVE	15.12Y	126.0	0.00	0.00	32.47	0	489	43	100	0.00	0.0	0.022	0.000	0	0	0	49
		B		15.12Y	126.0	0.00	0.00	62.04	0	932	104	99					0	0	0	160
		C		15.12Y	126.0	0.00	-0.00	23.94	0	358	54	99					0	0	0	45
PL.42654	PD.8110	A	336ACSR	15.12Y	126.0	0.01	0.01	32.47	4	489	43	100	0.10	0.0	0.081	0.059	0	0	0	49
		B		15.12Y	126.0	0.01	0.02	62.04	8	932	104	99					0	0	0	160
		C		15.12Y	126.0	-0.00	-0.00	23.94	3	358	54	99					0	0	0	45
PL.14315	PL.42654	A	336ACSR	15.12Y	126.0	0.01	0.02	31.87	4	480	39	100	0.05	0.0	0.115	0.033	0	0	0	49
		B		15.12Y	126.0	0.01	0.02	61.44	8	923	99	99					0	0	0	160
		C		15.12Y	126.0	-0.00	-0.00	23.33	3	349	50	99					0	0	0	45
433573	PL.14315	A	Consumer	15.12Y	126.0	0.00	0.02	0.01	0	0	0	100	0.00	0.0	0.115	0.000	0	0	0	0
		B		15.12Y	126.0	0.00	0.02	0.01	0	0	0	90					0	0	0	0
		C		15.12Y	126.0	0.00	-0.00	0.01	0	0	0	90					0	0	0	0
PL.14314	PL.14315	A	336ACSR	15.12Y	126.0	0.02	0.04	31.86	4	480	39	100	0.17	0.0	0.222	0.108	0	0	0	49
		B		15.11Y	126.0	0.02	0.04	61.43	8	923	99	99					0	0	0	160
		C		15.12Y	126.0	-0.00	-0.01	23.32	3	349	50	99					0	0	0	45
PL.14312	PL.14314	A	1/0ACSR	15.12Y	126.0	0.00	0.04	31.86	10	480	39	100	0.00	0.0	0.222	0.000	0	0	0	49
		B		15.11Y	126.0	0.00	0.04	61.43	19	923	99	99					0	0	0	160
		C		15.12Y	126.0	0.00	-0.01	23.32	7	349	50	99					0	0	0	45
PL.42563	PL.14312	A	336ACSR	15.12Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	0.227	0.004	0	0	0	0
		B		15.11Y	126.0	0.00	0.04	0.00	0	0	0	100					0	0	0	0
		C		15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100					0	0	0	0
PD.331-A	PL.42563	A	Open	15.12Y	126.0	0.00	0.04	0.00	0	0	0	100	0.00	0.0	0.227	0.000	0	0	0	0
		B		15.11Y	126.0	0.00	0.04	0.00	0	0	0	100					0	0	0	0
		C		15.12Y	126.0	0.00	-0.01	0.00	0	0	0	100					0	0	0	0
PL.95	PL.14312	A	1/0ACSR	15.11Y	125.9	0.05	0.09	31.86	10	480	39	100	0.70	0.0	0.368	0.146	0	0	0	49
		B		15.11Y	125.9	0.08	0.12	61.43	19	923	99	99					0	0	0	160
		C		15.12Y	126.0	0.01	-0.00	23.32	7	349	50	99					0	0	0	45
PL.13672	PL.95	A	1/0ACSR	15.11Y	125.9	0.02	0.11	31.78	10	479	38	100	0.19	0.0	0.446	0.078	0	0	0	48
		B		15.10Y	125.9	0.02	0.14	36.04	11	540	72	99					0	0	0	80
		C		15.12Y	126.0	0.01	0.01	22.67	7	339	49	99					0	0	0	43
PL.13677	PL.13672	A	1/0ACSR	15.11Y	125.9	0.00	0.12	29.86	9	450	37	100	0.02	0.0	0.454	0.007	0	0	0	46
		B		15.10Y	125.9	0.00	0.14	36.04	11	540	72	99					0	0	0	80
		C		15.12Y	126.0	0.00	0.01	21.51	7	322	46	99					0	0	0	40
PL.44155	PL.13677	A	1/0ACSR	15.10Y	125.8	0.05	0.17	29.86	9	450	37	100	0.43	0.0	0.640	0.186	0	0	0	46
		B		15.10Y	125.8	0.05	0.20	36.04	11	540	72	99					0	0	0	80
		C		15.12Y	126.0	0.02	0.03	21.51	7	322	46	99					0	0	0	40
PL.45795	PL.44155	A	1/0ACSR	15.10Y	125.8	0.02	0.18	29.86	9	449	37	100	0.13	0.0	0.698	0.058	0	0	0	46
		B		15.09Y	125.8	0.02	0.21	36.04	11	539	72	99					0	0	0	80
		C		15.12Y	126.0	0.01	0.04	21.51	7	322	46	99					0	0	0	40
PL.45794	PL.45795	A	2ACSR	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.760	0.062	0	0	0	0
4335148	PL.45794	A	Consumer	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.760	0.000	0	0	0	0
PL.45796	PL.45795	A	1/0ACSR	15.10Y	125.8	0.00	0.19	29.86	9	449	37	100	0.03	0.0	0.710	0.012	0	0	0	46
		B		15.09Y	125.8	0.00	0.22	36.04	11	539	72	99					0	0	0	80
		C		15.11Y	126.0	0.00	0.04	21.51	7	322	46	99					0	0	0	40

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for elements PL.28055 through 432411.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.23160	PL.23159	B	4ACSR	15.05Y	125.4	0.00	0.61	0.55	0	8	1	99	0.00	0.0	3.247	0.047	0	0	0	1
432408	PL.23160	B	Consumer	15.05Y	125.4	0.00	0.61	0.55	0	8	1	99	0.00	0.0	3.247	0.000	8	1	1	1
PL.20961	PL.20960	B	4ACSR	15.05Y	125.4	0.00	0.61	4.58	2	69	5	100	0.00	0.0	3.216	0.052	0	0	0	4
432406	PL.20961	B	Consumer	15.05Y	125.4	0.00	0.61	2.01	0	30	2	100	0.00	0.0	3.216	0.000	30	2	1	1
PL.20962	PL.20961	B	4ACSR	15.05Y	125.4	0.00	0.61	2.57	1	39	3	100	0.00	0.0	3.273	0.057	0	0	0	3
432407	PL.20962	B	Consumer	15.05Y	125.4	0.00	0.61	0.95	0	14	1	100	0.00	0.0	3.273	0.000	14	1	1	1
PL.23157	PL.20962	B	4ACSR	15.05Y	125.4	0.00	0.62	1.62	1	24	2	100	0.00	0.0	3.339	0.066	0	0	0	2
PL.23158	PL.23157	B	4ACSR	15.05Y	125.4	0.00	0.62	0.79	0	12	1	100	0.00	0.0	3.402	0.063	0	0	0	1
432410	PL.23158	B	Consumer	15.05Y	125.4	0.00	0.62	0.79	0	12	1	100	0.00	0.0	3.402	0.000	12	1	1	1
432409	PL.23157	B	Consumer	15.05Y	125.4	0.00	0.62	0.82	0	12	1	100	0.00	0.0	3.339	0.000	12	1	1	1
PL.14459	PL.14458	B	4ACSR	15.05Y	125.4	0.00	0.60	0.12	0	2	0	100	0.00	0.0	3.270	0.183	0	0	0	1
PL.24781	PL.14459	B	4ACSR	15.05Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	3.343	0.073	0	0	0	0
432404	PL.24781	B	Consumer	15.05Y	125.4	0.00	0.60	0.00	0	0	0	100	0.00	0.0	3.343	0.000	0	0	0	0
432403	PL.14459	B	Consumer	15.05Y	125.4	0.00	0.60	0.12	0	2	0	100	0.00	0.0	3.270	0.000	2	0	1	1
PL.2526	PL.14457	B	4ACSR	15.05Y	125.4	0.00	0.55	1.41	1	19	9	90	0.00	0.0	2.782	0.044	0	0	0	2
432401	PL.2526	B	Consumer	15.05Y	125.4	0.00	0.55	0.00	0	0	0	100	0.00	0.0	2.782	0.000	0	0	0	0
432405	PL.2526	B	Consumer	15.05Y	125.4	0.00	0.55	0.06	0	1	0	100	0.00	0.0	2.782	0.000	1	0	1	1
432412	PL.2526	B	Consumer	15.05Y	125.4	0.00	0.55	1.35	0	18	9	89	0.00	0.0	2.782	0.000	18	9	1	1
432502	PL.27555	B	Consumer	15.08Y	125.6	0.00	0.37	0.00	0	0	0	100	0.00	0.0	1.555	0.000	0	0	0	0
432523	PL.27556	B	Consumer	15.08Y	125.6	0.00	0.36	0.00	0	0	0	100	0.00	0.0	1.481	0.000	0	0	1	1
432507	PL.20333	B	Consumer	15.08Y	125.7	0.00	0.35	0.17	0	3	0	100	0.00	0.0	1.436	0.000	3	0	1	1
432522	PL.20333	B	Consumer	15.08Y	125.7	0.00	0.35	0.29	0	4	0	100	0.00	0.0	1.436	0.000	4	0	1	1
PL.14456	PL.14455	A	336ACSR	15.08Y	125.7	0.01	0.33	29.61	4	445	36	100	0.07	0.0	1.504	0.122	0	0	0	44
		B		15.08Y	125.7	0.01	0.35	27.82	4	416	55	99					0	0	0	66
		C		15.11Y	125.9	0.01	0.10	21.51	3	322	45	99					0	0	0	40
PL.18799	PL.14456	A	336ACSR	15.08Y	125.7	0.00	0.33	29.61	4	445	36	100	0.01	0.0	1.524	0.020	0	0	0	44
		B		15.08Y	125.7	0.00	0.35	27.82	4	416	55	99					0	0	0	66
		C		15.11Y	125.9	0.00	0.11	21.51	3	322	45	99					0	0	0	40
PD.325-A	PL.18799	A	Closed	15.08Y	125.7	0.00	0.33	29.61	0	445	36	100	0.00	0.0	1.524	0.000	0	0	0	44
		B		15.08Y	125.7	0.00	0.35	27.82	0	416	55	99					0	0	0	66
		C		15.11Y	125.9	0.00	0.11	21.51	0	322	45	99					0	0	0	40
PD.325-B	PD.325-A	A	Closed	15.08Y	125.7	0.00	0.33	29.61	0	445	36	100	0.00	0.0	1.524	0.000	0	0	0	44
		B		15.08Y	125.7	0.00	0.35	27.82	0	416	55	99					0	0	0	66
		C		15.11Y	125.9	0.00	0.11	21.51	0	322	45	99					0	0	0	40
PL.18800	PD.325-B	A	336ACSR	15.08Y	125.7	0.00	0.33	29.61	4	445	36	100	0.01	0.0	1.545	0.021	0	0	0	44
		B		15.08Y	125.6	0.00	0.35	27.82	4	416	55	99					0	0	0	66
		C		15.11Y	125.9	0.00	0.11	21.51	3	322	45	99					0	0	0	40
PL.27557	PL.18800	A	4ACSR	15.08Y	125.7	0.00	0.33	0.21	0	3	0	100	0.00	0.0	1.554	0.009	0	0	0	1
PD.1381	PL.27557	A	fuse6AMP	15.08Y	125.7	0.00	0.33	0.21	4	3	0	100	0.00	0.0	1.554	0.000	0	0	0	1
PL.27558	PD.1381	A	4ACSR	15.08Y	125.7	0.00	0.33	0.21	0	3	0	100	0.00	0.0	1.669	0.116	0	0	0	1
432517	PL.27558	A	Consumer	15.08Y	125.7	0.00	0.33	0.21	0	3	0	100	0.00	0.0	1.669	0.000	3	0	1	1
PL.27564	PL.18800	C	4ACSR	15.11Y	125.9	0.00	0.11	0.70	0	11	1	100	0.00	0.0	1.551	0.006	0	0	0	1
PD.1386	PL.27564	C	fuse30AMP	15.11Y	125.9	0.00	0.11	0.70	2	11	1	100	0.00	0.0	1.551	0.000	0	0	0	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.27563	PD.1386	C	4ACSR	15.11Y	125.9	0.00	0.11	0.70	0	11	1	100	0.00	0.0	1.572	0.021	0	0	0	1		
432506	PL.27563	C	Consumer	15.11Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	1.572	0.000	0	0	0	0		
432519	PL.27563	C	Consumer	15.11Y	125.9	0.00	0.11	0.70	0	11	1	100	0.00	0.0	1.572	0.000	11	1	1	1		
PL.39781	PL.18800	A	336ACSR	15.08Y	125.6	0.02	0.35	29.40	4	442	36	100	0.11	0.0	1.739	0.195	0	0	0	43		
		B		15.08Y	125.6	0.01	0.36	27.82	4	416	55	99					0	0	0	66		
		C		15.11Y	125.9	0.01	0.12	20.81	3	311	45	99					0	0	0	39		
PL.43471	PL.39781	A	336ACSR	15.08Y	125.6	0.00	0.35	21.37	3	322	5	100	0.01	0.0	1.774	0.035	0	0	0	42		
		B		15.08Y	125.6	0.00	0.36	19.71	3	296	23	100					0	0	0	65		
		C		15.11Y	125.9	0.00	0.12	12.71	2	191	13	100					0	0	0	38		
PD.8267-A	PL.43471	A	Closed	15.08Y	125.6	0.00	0.35	21.37	0	322	5	100	0.00	0.0	1.774	0.000	0	0	0	42		
		B		15.08Y	125.6	0.00	0.36	19.71	0	296	23	100					0	0	0	65		
		C		15.11Y	125.9	0.00	0.12	12.71	0	191	13	100					0	0	0	38		
PD.8267-B	PD.8267-A	A	Closed	15.08Y	125.6	0.00	0.35	21.37	0	322	5	100	0.00	0.0	1.774	0.000	0	0	0	42		
		B		15.08Y	125.6	0.00	0.36	19.71	0	296	23	100					0	0	0	65		
		C		15.11Y	125.9	0.00	0.12	12.71	0	191	13	100					0	0	0	38		
PL.43472	PD.8267-B	A	336ACSR	15.08Y	125.6	0.01	0.36	21.37	3	322	5	100	0.03	0.0	1.878	0.104	0	0	0	42		
		B		15.08Y	125.6	0.00	0.37	19.71	3	296	23	100					0	0	0	65		
		C		15.11Y	125.9	0.00	0.12	12.71	2	191	13	100					0	0	0	38		
PL.28394	PL.43472	A	4ACSR	15.08Y	125.6	0.00	0.36	1.37	1	21	1	100	0.00	0.0	1.994	0.116	0	0	0	2		
PL.20958	PL.28394	A	4ACSR	15.08Y	125.6	0.00	0.37	1.33	1	20	1	100	0.00	0.0	2.140	0.146	0	0	0	1		
431518	PL.20958	A	Consumer	15.08Y	125.6	0.00	0.37	1.33	0	20	1	100	0.00	0.0	2.140	0.000	20	1	1	1		
PL.28395	PL.28394	A	4ACSR	15.08Y	125.6	0.00	0.36	0.04	0	1	0	100	0.00	0.0	2.017	0.023	0	0	0	1		
431526	PL.28395	A	Consumer	15.08Y	125.6	0.00	0.36	0.00	0	0	0	100	0.00	0.0	2.017	0.000	0	0	0	0		
431514	PL.28395	A	Consumer	15.08Y	125.6	0.00	0.36	0.04	0	1	0	100	0.00	0.0	2.017	0.000	1	0	1	1		
PL.21052	PL.43472	A	4ACSR	15.08Y	125.6	0.00	0.36	0.49	0	7	0	100	0.00	0.0	1.902	0.024	0	0	0	1		
PD.1380	PL.21052	A	fuse6AMP	15.08Y	125.6	0.00	0.36	0.49	8	7	0	100	0.00	0.0	1.902	0.000	0	0	0	1		
PL.21053	PD.1380	A	4ACSR	15.08Y	125.6	0.00	0.36	0.49	0	7	0	100	0.00	0.0	1.966	0.064	0	0	0	1		
431510	PL.21053	A	Consumer	15.08Y	125.6	0.00	0.36	0.49	0	7	0	100	0.00	0.0	1.966	0.000	7	0	1	1		
PL.18656	PL.43472	A	1/0ACSR	15.07Y	125.6	0.03	0.39	19.52	6	294	3	100	0.16	0.0	2.074	0.196	0	0	0	39		
		B		15.07Y	125.6	0.03	0.39	19.71	6	296	23	100					0	0	0	65		
		C		15.10Y	125.9	0.02	0.14	12.71	4	191	13	100					0	0	0	38		
PD.324-A	PL.18656	A	Closed	15.07Y	125.6	0.00	0.39	19.52	0	294	3	100	0.00	0.0	2.074	0.000	0	0	0	39		
		B		15.07Y	125.6	0.00	0.39	19.71	0	296	23	100					0	0	0	65		
		C		15.10Y	125.9	0.00	0.14	12.71	0	191	13	100					0	0	0	38		
PD.324-B	PD.324-A	A	Closed	15.07Y	125.6	0.00	0.39	19.52	0	294	3	100	0.00	0.0	2.074	0.000	0	0	0	39		
		B		15.07Y	125.6	0.00	0.39	19.71	0	296	23	100					0	0	0	65		
		C		15.10Y	125.9	0.00	0.14	12.71	0	191	13	100					0	0	0	38		
PL.18657	PD.324-B	A	1/0ACSR	15.07Y	125.6	0.01	0.41	19.52	6	294	3	100	0.07	0.0	2.160	0.086	0	0	0	39		
		B		15.07Y	125.6	0.01	0.41	19.71	6	296	23	100					0	0	0	65		
		C		15.10Y	125.9	0.01	0.15	12.71	4	191	13	100					0	0	0	38		
PL.21054	PL.18657	C	4ACSR	15.10Y	125.9	0.00	0.15	0.10	0	2	0	100	0.00	0.0	2.182	0.022	0	0	0	1		
PD.1383	PL.21054	C	fuse6AMP	15.10Y	125.9	0.00	0.15	0.10	2	2	0	100	0.00	0.0	2.182	0.000	0	0	0	1		
PL.22038	PD.1383	C	4ACSR	15.10Y	125.9	0.00	0.15	0.10	0	2	0	100	0.00	0.0	2.315	0.133	0	0	0	1		
431502	PL.22038	C	Consumer	15.10Y	125.9	0.00	0.15	0.10	0	2	0	100	0.00	0.0	2.315	0.000	2	0	1	1		
PL.18658	PL.18657	A	1/0ACSR	15.07Y	125.6	0.01	0.42	19.52	6	294	3	100	0.06	0.0	2.233	0.073	0	0	0	39		
		B		15.07Y	125.6	0.01	0.42	19.71	6	296	23	100					0	0	0	65		
		C		15.10Y	125.8	0.01	0.15	12.60	4	190	13	100					0	0	0	37		
431504	PL.18658	B	Consumer	15.07Y	125.6	0.00	0.42	0.00	0	0	0	100	0.00	0.0	2.233	0.000	0	0	0	0		

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	-----Length (mi)	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR			Cons On	Cons Thru		
PL.18659	PL.18658	A	1/0ACSR	15.07Y	125.6	0.03	0.45	19.52	6	294	3	100	0.12	0.0	2.383	0.150	0	0	0	39		
		B		15.07Y	125.6	0.02	0.44	19.71	6	296	23	100					0	0	0	65		
		C		15.10Y	125.8	0.01	0.17	12.60	4	190	13	100					0	0	0	37		
PL.18343	PL.18659	C	4ACSR	15.10Y	125.8	0.00	0.17	3.29	2	50	3	100	0.00	0.0	2.405	0.021	0	0	0	10		
PD.326-A	PL.18343	C	Closed	15.10Y	125.8	0.00	0.17	3.29	0	50	3	100	0.00	0.0	2.405	0.000	0	0	0	10		
PD.326-B	PD.326-A	C	Closed	15.10Y	125.8	0.00	0.17	3.29	0	50	3	100	0.00	0.0	2.405	0.000	0	0	0	10		
PL.18344	PD.326-B	C	4ACSR	15.10Y	125.8	0.01	0.18	3.29	2	50	3	100	0.01	0.0	2.599	0.195	0	0	0	10		
PL.22039	PL.18344	C	4ACSR	15.10Y	125.8	0.00	0.18	1.37	1	21	1	100	0.00	0.0	2.616	0.016	0	0	0	3		
PD.1387	PL.22039	C	fuse6AMP	15.10Y	125.8	0.00	0.18	1.37	23	21	1	100	0.00	0.0	2.616	0.000	0	0	0	3		
PL.22040	PD.1387	C	4ACSR	15.10Y	125.8	0.00	0.18	1.37	1	21	1	100	0.00	0.0	2.721	0.105	0	0	0	3		
PL.20966	PL.22040	C	4ACSR	15.10Y	125.8	0.00	0.19	1.05	1	16	1	100	0.00	0.0	2.832	0.111	0	0	0	2		
PL.20967	PL.20966	C	4ACSR	15.10Y	125.8	0.00	0.19	1.05	1	16	1	100	0.00	0.0	2.899	0.067	0	0	0	2		
431517	PL.20967	C	Consumer	15.10Y	125.8	0.00	0.19	0.45	0	7	0	100	0.00	0.0	2.899	0.000	7	0	1	1		
431523	PL.20967	C	Consumer	15.10Y	125.8	0.00	0.19	0.60	0	9	1	99	0.00	0.0	2.899	0.000	9	1	1	1		
431503	PL.22040	C	Consumer	15.10Y	125.8	0.00	0.18	0.32	0	5	0	100	0.00	0.0	2.721	0.000	5	0	1	1		
PL.14468	PL.18344	C	4ACSR	15.10Y	125.8	0.00	0.18	1.92	1	29	2	100	0.00	0.0	2.666	0.067	0	0	0	7		
PL.27559	PL.14468	C	4ACSR	15.10Y	125.8	0.00	0.18	1.92	1	29	2	100	0.00	0.0	2.674	0.008	0	0	0	7		
PD.1384	PL.27559	C	fuse6AMP	15.10Y	125.8	0.00	0.18	1.92	33	29	2	100	0.00	0.0	2.674	0.000	0	0	0	7		
PL.27560	PD.1384	C	4ACSR	15.10Y	125.8	0.01	0.19	1.92	1	29	2	100	0.00	0.0	2.894	0.220	0	0	0	7		
PL.24782	PL.27560	C	4ACSR	15.10Y	125.8	0.00	0.20	1.55	1	23	2	100	0.00	0.0	2.980	0.087	0	0	0	6		
PL.24783	PL.24782	C	4ACSR	15.09Y	125.8	0.02	0.21	1.54	1	23	2	100	0.00	0.0	3.537	0.556	0	0	0	5		
431403	PL.24783	C	Consumer	15.09Y	125.8	0.00	0.21	0.01	0	0	0	100	0.00	0.0	3.537	0.000	0	0	1	1		
431406	PL.24783	C	Consumer	15.09Y	125.8	0.00	0.21	0.05	0	1	0	100	0.00	0.0	3.537	0.000	1	0	1	1		
PL.14463	PL.24783	C	4ACSR	15.09Y	125.8	0.00	0.22	1.48	1	22	1	100	0.00	0.0	3.625	0.088	0	0	0	3		
431405	PL.14463	C	Consumer	15.09Y	125.8	0.00	0.22	0.83	0	12	1	100	0.00	0.0	3.625	0.000	12	1	1	1		
PL.14464	PL.14463	C	4ACSR	15.09Y	125.8	0.00	0.22	0.65	0	10	1	100	0.00	0.0	3.717	0.093	0	0	0	2		
431404	PL.14464	C	Consumer	15.09Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	3.717	0.000	0	0	1	1		
431401	PL.14464	C	Consumer	15.09Y	125.8	0.00	0.22	0.65	0	10	1	100	0.00	0.0	3.717	0.000	10	1	1	1		
431519	PL.24782	C	Consumer	15.10Y	125.8	0.00	0.20	0.01	0	0	0	100	0.00	0.0	2.980	0.000	0	0	1	1		
431501	PL.27560	C	Consumer	15.10Y	125.8	0.00	0.19	0.37	0	6	0	100	0.00	0.0	2.894	0.000	6	0	1	1		
PL.14465	PL.18659	A	1/0ACSR	15.06Y	125.5	0.03	0.48	18.68	6	281	2	100	0.13	0.0	2.562	0.179	0	0	0	37		
		B		15.06Y	125.5	0.02	0.46	19.71	6	296	23	100					0	0	0	65		
		C		15.10Y	125.8	0.01	0.18	9.31	3	140	10	100					0	0	0	27		
PL.14466	PL.14465	A	1/0ACSR	15.06Y	125.5	0.02	0.49	18.68	6	281	2	100	0.06	0.0	2.647	0.085	0	0	0	37		
		B		15.06Y	125.5	0.01	0.47	19.71	6	296	23	100					0	0	0	65		
		C		15.10Y	125.8	0.00	0.18	8.07	2	122	9	100					0	0	0	25		
PL.21048	PL.14466	A	4ACSR	15.06Y	125.5	0.00	0.49	0.97	0	15	1	100	0.00	0.0	2.658	0.010	0	0	0	3		
PD.1378	PL.21048	A	fuse6AMP	15.06Y	125.5	0.00	0.49	0.97	17	15	1	100	0.00	0.0	2.658	0.000	0	0	0	3		
PL.21049	PD.1378	A	4ACSR	15.06Y	125.5	0.00	0.49	0.97	0	15	1	100	0.00	0.0	2.676	0.018	0	0	0	3		
PL.20965	PL.21049	A	4ACSR	15.06Y	125.5	0.00	0.49	0.97	0	15	1	100	0.00	0.0	2.721	0.045	0	0	0	3		
PL.20964	PL.20965	A	4ACSR	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	2.721	0.000	0	0	0	0		

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.23146	PL.20965	A	4ACSR	15.06Y	125.5	0.00	0.49	0.97	0	15	1	100	0.00	0.0	2.745	0.025	0	0	0	3
431613	PL.23146	A	Consumer	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	2.745	0.000	0	0	1	1
431615	PL.23146	A	Consumer	15.06Y	125.5	0.00	0.49	0.20	0	3	0	100	0.00	0.0	2.745	0.000	3	0	1	1
PL.23147	PL.23146	A	4ACSR	15.06Y	125.5	0.00	0.49	0.77	0	12	1	100	0.00	0.0	2.785	0.040	0	0	0	1
431610	PL.23147	A	Consumer	15.06Y	125.5	0.00	0.49	0.77	0	12	1	100	0.00	0.0	2.785	0.000	12	1	1	1
PL.14467	PL.14466	A	1/0ACSR	15.06Y	125.5	0.01	0.50	17.71	5	267	1	100	0.03	0.0	2.689	0.042	0	0	0	34
		B		15.06Y	125.5	0.01	0.48	19.71	6	296	23	100			0		0	0	0	65
		C		15.10Y	125.8	0.00	0.18	8.07	2	122	9	100			0		0	0	0	25
PL.21039	PL.14467	A	4ACSR	15.06Y	125.5	0.00	0.50	0.74	0	11	1	100	0.00	0.0	2.705	0.017	0	0	0	1
PD.1356	PL.21039	A	fuse6AMP	15.06Y	125.5	0.00	0.50	0.74	13	11	1	100	0.00	0.0	2.705	0.000	0	0	0	1
PL.21040	PD.1356	A	4ACSR	15.06Y	125.5	0.00	0.50	0.74	0	11	1	100	0.00	0.0	2.766	0.061	0	0	0	1
431612	PL.21040	A	Consumer	15.06Y	125.5	0.00	0.50	0.74	0	11	1	100	0.00	0.0	2.766	0.000	11	1	1	1
PL.6492	PL.14467	A	1/0ACSR	15.06Y	125.5	0.01	0.51	16.97	5	256	0	100	0.03	0.0	2.734	0.045	0	0	0	33
		B		15.06Y	125.5	0.01	0.48	19.71	6	296	23	100			0		0	0	0	65
		C		15.10Y	125.8	0.00	0.18	8.07	2	122	9	100			0		0	0	0	25
431611	PL.6492	B	Consumer	15.06Y	125.5	0.00	0.48	0.42	0	6	0	100	0.00	0.0	2.734	0.000	6	0	1	1
PL.14469	PL.6492	A	1/0ACSR	15.06Y	125.5	0.01	0.51	16.97	5	256	0	100	0.03	0.0	2.778	0.044	0	0	0	33
		B		15.06Y	125.5	0.01	0.49	19.29	6	290	22	100			0		0	0	0	64
		C		15.10Y	125.8	0.00	0.18	8.07	2	122	9	100			0		0	0	0	25
PL.21041	PL.14469	B	4ACSR	15.06Y	125.5	0.00	0.49	1.42	1	21	1	100	0.00	0.0	2.798	0.020	0	0	0	6
PD.1357	PL.21041	B	fuse6AMP	15.06Y	125.5	0.00	0.49	1.42	24	21	1	100	0.00	0.0	2.798	0.000	0	0	0	6
PL.21042	PD.1357	B	4ACSR	15.06Y	125.5	0.00	0.49	1.42	1	21	1	100	0.00	0.0	2.848	0.050	0	0	0	6
431604	PL.21042	B	Consumer	15.06Y	125.5	0.00	0.49	0.68	0	10	1	100	0.00	0.0	2.848	0.000	10	1	1	1
PL.24883	PL.21042	B	4ACSR	15.06Y	125.5	0.00	0.49	0.56	0	8	1	99	0.00	0.0	2.935	0.087	0	0	0	2
431607	PL.24883	B	Consumer	15.06Y	125.5	0.00	0.49	0.54	0	8	1	99	0.00	0.0	2.935	0.000	8	1	1	1
PL.24884	PL.24883	B	4ACSR	15.06Y	125.5	0.00	0.49	0.02	0	0	0	100	0.00	0.0	3.083	0.148	0	0	0	1
431609	PL.24884	B	Consumer	15.06Y	125.5	0.00	0.49	0.02	0	0	0	100	0.00	0.0	3.083	0.000	0	0	1	1
PL.28433	PL.21042	B	4ACSR	15.06Y	125.5	0.00	0.49	0.18	0	3	0	100	0.00	0.0	2.901	0.053	0	0	0	3
PL.28434	PL.28433	B	4ACSR	15.06Y	125.5	0.00	0.49	0.18	0	3	0	100	0.00	0.0	2.901	0.000	0	0	0	3
PL.28396	PL.28434	B	4ACSR	15.06Y	125.5	0.00	0.49	0.17	0	3	0	100	0.00	0.0	2.991	0.090	0	0	0	2
PL.24885	PL.28396	B	4ACSR	15.06Y	125.5	0.00	0.49	0.02	0	0	0	100	0.00	0.0	3.284	0.293	0	0	0	1
431617	PL.24885	B	Consumer	15.06Y	125.5	0.00	0.49	0.02	0	0	0	100	0.00	0.0	3.284	0.000	0	0	1	1
PL.28397	PL.28396	B	4ACSR	15.06Y	125.5	0.00	0.49	0.15	0	2	0	100	0.00	0.0	3.063	0.072	0	0	0	1
PL.2409	PL.28397	B	4ACSR	15.06Y	125.5	0.00	0.49	0.15	0	2	0	100	0.00	0.0	3.249	0.186	0	0	0	1
431524	PL.2409	B	Consumer	15.06Y	125.5	0.00	0.49	0.00	0	0	0	100	0.00	0.0	3.249	0.000	0	0	0	0
PL.1625	PL.2409	B	4ACSR	15.06Y	125.5	0.00	0.49	0.15	0	2	0	100	0.00	0.0	3.411	0.162	0	0	0	1
PL.1623	PL.1625	B	4ACSR	15.06Y	125.5	0.00	0.49	0.15	0	2	0	100	0.00	0.0	3.474	0.063	0	0	0	1
431511	PL.1623	B	Consumer	15.06Y	125.5	0.00	0.49	0.15	0	2	0	100	0.00	0.0	3.474	0.000	2	0	1	1
431616	PL.28434	B	Consumer	15.06Y	125.5	0.00	0.49	0.01	0	0	0	100	0.00	0.0	2.901	0.000	0	0	1	1
PL.14470	PL.14469	A	1/0ACSR	15.06Y	125.5	0.01	0.52	16.97	5	256	0	100	0.02	0.0	2.819	0.041	0	0	0	33
		B		15.06Y	125.5	0.00	0.49	17.86	5	268	21	100			0		0	0	0	58
		C		15.10Y	125.8	0.00	0.18	8.07	2	122	9	100			0		0	0	0	25

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.19776	PL.14470	A	1/0ACSR	15.06Y	125.5	0.02	0.54	16.97	5	256	0	100	0.05	0.0	2.913	0.095	0	0	0	33
		B		15.06Y	125.5	0.01	0.50	17.38	5	261	20	100					0	0	0	57
		C		15.10Y	125.8	0.00	0.19	8.07	2	122	9	100					0	0	0	25
431614	PL.19776	C	Consumer	15.10Y	125.8	0.00	0.19	0.02	0	0	0	100	0.00	0.0	2.913	0.000	0	0	1	1
PL.43977	PL.19776	A	1/0ACSR	15.06Y	125.5	0.01	0.54	16.97	5	256	0	100	0.02	0.0	2.947	0.034	0	0	0	33
		B		15.06Y	125.5	0.00	0.51	17.38	5	261	20	100					0	0	0	57
		C		15.10Y	125.8	0.00	0.19	8.05	2	121	9	100					0	0	0	24
PL.43978	PL.43977	A	1/0ACSR	15.05Y	125.5	0.00	0.54	16.95	5	255	0	100	0.01	0.0	2.971	0.024	0	0	0	32
		B		15.06Y	125.5	0.00	0.51	17.38	5	261	20	100					0	0	0	57
		C		15.10Y	125.8	0.00	0.19	8.05	2	121	9	100					0	0	0	24
PL.43981	PL.43978	A	1/0ACSR	15.05Y	125.5	0.00	0.55	16.95	5	255	0	100	0.00	0.0	2.977	0.007	0	0	0	32
		B		15.06Y	125.5	0.00	0.51	17.38	5	261	20	100					0	0	0	57
		C		15.10Y	125.8	0.00	0.19	8.05	2	121	9	100					0	0	0	24
PL.43983	PL.43981	A	1/0ACSR	15.05Y	125.5	0.00	0.55	16.95	5	255	0	100	0.01	0.0	3.003	0.026	0	0	0	32
		B		15.06Y	125.5	0.00	0.51	17.38	5	261	20	100					0	0	0	57
		C		15.10Y	125.8	0.00	0.19	8.05	2	121	9	100					0	0	0	24
PL.43984	PL.43983	A	1/0ACSR	15.05Y	125.4	0.03	0.58	16.95	5	255	1	100	0.12	0.0	3.209	0.206	0	0	0	32
		B		15.06Y	125.5	0.02	0.54	17.38	5	261	20	100					0	0	0	57
		C		15.10Y	125.8	0.01	0.20	8.05	2	121	9	100					0	0	0	24
PL.6493	PL.43984	A	1/0ACSR	15.05Y	125.4	0.01	0.59	16.95	5	255	1	100	0.02	0.0	3.244	0.035	0	0	0	32
		B		15.06Y	125.5	0.00	0.54	17.38	5	261	20	100					0	0	0	57
		C		15.10Y	125.8	0.00	0.20	8.05	2	121	9	100					0	0	0	24
PL.14472	PL.6493	A	1/0ACSR	15.05Y	125.4	0.01	0.59	16.95	5	255	1	100	0.02	0.0	3.282	0.038	0	0	0	31
		B		15.05Y	125.5	0.00	0.54	17.38	5	261	20	100					0	0	0	57
		C		15.10Y	125.8	0.00	0.21	8.05	2	121	9	100					0	0	0	24
PL.14473	PL.14472	A	1/0ACSR	15.05Y	125.4	0.01	0.61	16.95	5	255	1	100	0.05	0.0	3.365	0.083	0	0	0	31
		B		15.05Y	125.4	0.01	0.55	17.38	5	261	20	100					0	0	0	57
		C		15.09Y	125.8	0.00	0.21	7.72	2	116	8	100					0	0	0	23
430601	PL.14473	B	Consumer	15.05Y	125.4	0.00	0.55	0.31	0	5	0	100	0.00	0.0	3.365	0.000	5	0	1	1
PL.19543	PL.14473	A	1/0ACSR	15.04Y	125.4	0.02	0.63	15.24	5	229	-1	-100	0.09	0.0	3.537	0.171	0	0	0	27
		B		15.05Y	125.4	0.02	0.57	17.07	5	256	20	100					0	0	0	56
		C		15.09Y	125.8	0.01	0.22	7.72	2	116	8	100					0	0	0	23
PL.19544	PL.19543	A	1/0ACSR	15.04Y	125.4	0.01	0.64	15.24	5	229	-1	-100	0.03	0.0	3.605	0.068	0	0	0	27
		B		15.05Y	125.4	0.01	0.58	16.01	5	240	19	100					0	0	0	54
		C		15.09Y	125.8	0.00	0.22	7.72	2	116	8	100					0	0	0	23
PL.8590	PL.19544	A	1/0ACSR	15.04Y	125.4	0.00	0.64	15.24	5	229	-1	-100	0.00	0.0	3.606	0.001	0	0	0	27
		B		15.05Y	125.4	0.00	0.58	16.01	5	240	19	100					0	0	0	54
		C		15.09Y	125.8	0.00	0.22	7.72	2	116	8	100					0	0	0	23
PL.6259	PL.8590	A	1/0ACSR	15.04Y	125.3	0.01	0.65	15.24	5	229	-1	-100	0.03	0.0	3.663	0.058	0	0	0	27
		B		15.05Y	125.4	0.01	0.59	16.01	5	240	19	100					0	0	0	54
		C		15.09Y	125.8	0.00	0.22	7.72	2	116	8	100					0	0	0	23
379624	PL.6259	C	Consumer	15.09Y	125.8	0.00	0.22	0.56	0	8	1	99	0.00	0.0	3.663	0.000	8	1	1	1
379608	PL.6259	C	Consumer	15.09Y	125.8	0.00	0.22	0.24	0	3	2	83	0.00	0.0	3.663	0.000	3	2	1	1
379626	PL.6259	C	Consumer	15.09Y	125.8	0.00	0.22	0.41	0	6	0	100	0.00	0.0	3.663	0.000	6	0	1	1
379614	PL.6259	A	Consumer	15.04Y	125.3	0.00	0.65	0.00	0	0	0	100	0.00	0.0	3.663	0.000	0	0	0	0
PL.14320	PL.6259	A	1/0ACSR	15.04Y	125.3	0.03	0.68	15.24	5	229	-1	-100	0.10	0.0	3.876	0.213	0	0	0	27
		B		15.05Y	125.4	0.02	0.61	16.01	5	240	19	100					0	0	0	54
		C		15.09Y	125.8	0.01	0.23	6.52	2	98	6	100					0	0	0	20
PL.27732	PL.14320	B	4ACSR	15.05Y	125.4	0.00	0.61	0.30	0	4	0	100	0.00	0.0	3.885	0.008	0	0	0	1
PD.1121	PL.27732	B	fuse6AMP	15.05Y	125.4	0.00	0.61	0.30	5	4	0	100	0.00	0.0	3.885	0.000	0	0	0	1
PL.27733	PD.1121	B	4ACSR	15.05Y	125.4	0.00	0.61	0.30	0	4	0	100	0.00	0.0	3.921	0.036	0	0	0	1
379605	PL.27733	B	Consumer	15.05Y	125.4	0.00	0.61	0.30	0	4	0	100	0.00	0.0	3.921	0.000	4	0	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.27301, PD.235-A, etc.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.18854	PL.14542	B	4ACSR	15.04Y	125.3	0.00	0.70	15.71	8	236	18	100	0.01	0.0	4.813	0.012	0	0	0	53
PD.237-A	PL.18854	B	Closed	15.04Y	125.3	0.00	0.70	15.71	0	235	18	100	0.00	0.0	4.813	0.000	0	0	0	53
PD.237-B	PD.237-A	B	Closed	15.04Y	125.3	0.00	0.70	15.71	0	235	18	100	0.00	0.0	4.813	0.000	0	0	0	53
PL.18855	PD.237-B	B	4ACSR	15.02Y	125.2	0.09	0.79	15.71	8	235	18	100	0.17	0.1	5.093	0.280	0	0	0	53
PL.14851	PL.18855	B	4ACSR	15.01Y	125.1	0.10	0.89	15.71	8	235	18	100	0.18	0.1	5.391	0.297	0	0	0	53
PL.23040	PL.14851	B	4ACSR	15.01Y	125.1	0.00	0.89	0.38	0	6	0	100	0.00	0.0	5.494	0.103	0	0	0	2
PL.28678	PL.23040	B	4ACSR	15.01Y	125.1	0.00	0.89	0.01	0	0	0	100	0.00	0.0	5.617	0.123	0	0	0	1
430607	PL.28678	B	Consumer	15.01Y	125.1	0.00	0.89	0.01	0	0	0	100	0.00	0.0	5.617	0.000	0	0	1	1
PL.23041	PL.23040	B	4ACSR	15.01Y	125.1	0.00	0.89	0.37	0	6	0	100	0.00	0.0	5.517	0.023	0	0	0	1
430602	PL.23041	B	Consumer	15.01Y	125.1	0.00	0.89	0.37	0	6	0	100	0.00	0.0	5.517	0.000	6	0	1	1
PL.14852	PL.14851	B	4ACSR	15.01Y	125.1	0.01	0.90	15.32	8	229	18	100	0.02	0.0	5.431	0.041	0	0	0	51
PL.2408	PL.14852	B	4ACSR	15.01Y	125.1	0.00	0.90	0.26	0	4	2	89	0.00	0.0	5.510	0.079	0	0	0	1
430715	PL.2408	B	Consumer	15.01Y	125.1	0.00	0.90	0.26	0	4	2	89	0.00	0.0	5.510	0.000	4	2	1	1
PL.14853	PL.14852	B	4ACSR	15.01Y	125.1	0.01	0.91	15.08	8	226	16	100	0.02	0.0	5.468	0.037	0	0	0	50
PL.14854	PL.14853	B	4ACSR	15.01Y	125.1	0.00	0.91	13.49	7	202	14	100	0.00	0.0	5.468	0.001	0	0	0	45
PL.14855	PL.14854	B	4ACSR	15.01Y	125.1	0.02	0.93	13.49	7	202	14	100	0.03	0.0	5.543	0.075	0	0	0	45
PL.28677	PL.14855	B	4ACSR	15.01Y	125.1	0.00	0.93	0.19	0	3	0	100	0.00	0.0	5.603	0.060	0	0	0	1
430604	PL.28677	B	Consumer	15.01Y	125.1	0.00	0.93	0.19	0	3	0	100	0.00	0.0	5.603	0.000	3	0	1	1
PL.14856	PL.14855	B	4ACSR	15.00Y	125.0	0.07	1.01	13.30	7	199	14	100	0.11	0.1	5.802	0.259	0	0	0	44
PL.2407	PL.14856	B	4ACSR	15.00Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	5.897	0.095	0	0	0	1
430714	PL.2407	B	Consumer	15.00Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	5.897	0.000	0	0	1	1
PL.14857	PL.14856	B	4ACSR	14.99Y	124.9	0.05	1.06	13.30	7	199	14	100	0.08	0.0	5.985	0.183	0	0	0	43
PL.2402	PL.14857	B	4ACSR	14.99Y	124.9	0.00	1.06	0.09	0	1	1	71	0.00	0.0	6.077	0.092	0	0	0	2
431707	PL.2402	B	Consumer	14.99Y	124.9	0.00	1.06	0.01	0	0	0	100	0.00	0.0	6.077	0.000	0	0	1	1
431701	PL.2402	B	Consumer	14.99Y	124.9	0.00	1.06	0.09	0	1	1	71	0.00	0.0	6.077	0.000	1	1	1	1
PL.14858	PL.14857	B	4ACSR	14.99Y	124.9	0.03	1.08	13.21	7	198	13	100	0.04	0.0	6.080	0.095	0	0	0	41
PL.20116	PL.14858	B	4ACSR	14.99Y	124.9	0.00	1.08	12.27	6	184	12	100	0.00	0.0	6.091	0.011	0	0	0	39
PD.2642	PL.20116	B	25V4E	14.99Y	124.9	0.00	1.08	12.27	49	184	12	100	0.00	0.0	6.091	0.000	0	0	0	39
PL.20117	PD.2642	B	4ACSR	14.98Y	124.9	0.06	1.15	12.27	6	184	12	100	0.09	0.0	6.338	0.247	0	0	0	39
PL.14859	PL.20117	B	4ACSR	14.98Y	124.8	0.01	1.15	12.25	6	183	12	100	0.01	0.0	6.363	0.025	0	0	0	38
PL.14860	PL.14859	B	4ACSR	14.97Y	124.8	0.09	1.25	11.79	6	176	12	100	0.12	0.1	6.738	0.375	0	0	0	35
PL.21043	PL.14860	B	4ACSR	14.97Y	124.8	0.00	1.25	0.00	0	0	0	100	0.00	0.0	6.763	0.025	0	0	0	1
PD.1358	PL.21043	B	fuse6AMP	14.97Y	124.8	0.00	1.25	0.00	0	0	0	100	0.00	0.0	6.763	0.000	0	0	0	1
PL.21044	PD.1358	B	4ACSR	14.97Y	124.8	0.00	1.25	0.00	0	0	0	100	0.00	0.0	6.827	0.064	0	0	0	1
PL.21126	PL.21044	B	4ACSR	14.97Y	124.8	0.00	1.25	0.00	0	0	0	100	0.00	0.0	6.974	0.147	0	0	0	1
431705	PL.21126	B	Consumer	14.97Y	124.8	0.00	1.25	0.00	0	0	0	100	0.00	0.0	6.974	0.000	0	0	1	1
PL.14861	PL.14860	B	4ACSR	14.97Y	124.7	0.02	1.26	11.79	6	176	12	100	0.02	0.0	6.803	0.065	0	0	0	34
PL.14863	PL.14861	B	4ACSR	14.97Y	124.7	0.01	1.28	11.69	6	175	12	100	0.02	0.0	6.861	0.058	0	0	0	33

Unbalanced Voltage Drop Report
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Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts						mi From Src	Length (mi)	Element		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss			% Loss	KW			KVAR	
430707	PL.14863	B	Consumer	14.97Y	124.7	0.00	1.28	0.21	0	3	0	100	0.00	0.0	6.861	0.000	3	0	1	1
PL.14864	PL.14863	B	4ACSR	14.96Y	124.7	0.04	1.31	11.48	6	171	12	100	0.05	0.0	7.029	0.167	0	0	0	32
PL.14865	PL.14864	B	4ACSR	14.96Y	124.7	0.01	1.32	11.48	6	171	11	100	0.01	0.0	7.069	0.041	0	0	0	31
430716	PL.14865	B	Consumer	14.96Y	124.7	0.00	1.32	1.00	0	15	1	100	0.00	0.0	7.069	0.000	15	1	1	1
PL.14862	PL.14865	B	4ACSR	14.96Y	124.7	0.01	1.33	10.48	5	156	10	100	0.01	0.0	7.093	0.023	0	0	0	30
PL.14866	PL.14862	B	4ACSR	14.96Y	124.7	0.01	1.34	10.48	5	156	10	100	0.01	0.0	7.142	0.050	0	0	0	30
PL.14867	PL.14866	B	4ACSR	14.96Y	124.7	0.01	1.35	10.30	5	154	10	100	0.01	0.0	7.188	0.045	0	0	0	29
PL.20413	PL.14867	B	4ACSR	14.96Y	124.6	0.00	1.35	6.41	3	96	6	100	0.00	0.0	7.205	0.017	0	0	0	18
C PD.1126	PL.20413	B	fuse6AMP	14.96Y	124.6	0.00	1.35	6.41	110	96	6	100	0.00	0.0	7.205	0.000	0	0	0	18 C
PL.20414	PD.1126	B	4ACSR	14.96Y	124.6	0.01	1.36	6.41	3	96	6	100	0.01	0.0	7.270	0.066	0	0	0	18
PL.30982	PL.20414	B	4ACSR	14.95Y	124.6	0.02	1.38	6.41	3	96	6	100	0.01	0.0	7.412	0.142	0	0	0	18
PL.14111	PL.30982	B	4ACSR	14.95Y	124.6	0.01	1.39	6.41	3	96	6	100	0.01	0.0	7.489	0.077	0	0	0	18
PL.28233	PL.14111	B	4ACSR	14.95Y	124.6	0.00	1.39	0.04	0	1	0	100	0.00	0.0	7.520	0.031	0	0	0	1
PD.1365	PL.28233	B	fuse6AMP	14.95Y	124.6	0.00	1.39	0.04	1	1	0	100	0.00	0.0	7.520	0.000	0	0	0	1
PL.28284	PD.1365	B	4ACSR	14.95Y	124.6	0.00	1.39	0.04	0	1	0	100	0.00	0.0	7.619	0.099	0	0	0	1
430802	PL.28284	B	Consumer	14.95Y	124.6	0.00	1.39	0.04	0	1	0	100	0.00	0.0	7.619	0.000	1	0	1	1
PL.14112	PL.14111	B	4ACSR	14.95Y	124.6	0.06	1.45	6.37	3	95	6	100	0.04	0.0	7.916	0.427	0	0	0	17
PL.13255	PL.14112	B	4ACSR	14.94Y	124.5	0.01	1.46	5.86	3	87	6	100	0.01	0.0	8.038	0.122	0	0	0	16
PL.13254	PL.13255	B	4ACSR	14.94Y	124.5	0.03	1.49	5.57	3	83	6	100	0.02	0.0	8.287	0.248	0	0	0	14
PD.319-A	PL.13254	B	Closed	14.94Y	124.5	0.00	1.49	5.57	0	83	6	100	0.00	0.0	8.287	0.000	0	0	0	14
PD.319-B	PD.319-A	B	Closed	14.94Y	124.5	0.00	1.49	5.57	0	83	6	100	0.00	0.0	8.287	0.000	0	0	0	14
PL.13253	PD.319-B	B	4ACSR	14.94Y	124.5	0.01	1.50	5.57	3	83	6	100	0.01	0.0	8.407	0.121	0	0	0	14
PL.13250	PL.13253	B	4ACSR	14.94Y	124.5	0.01	1.51	5.57	3	83	6	100	0.00	0.0	8.457	0.050	0	0	0	14
PL.13252	PL.13250	B	4ACSR	14.94Y	124.5	0.00	1.51	4.40	2	66	4	100	0.00	0.0	8.475	0.017	0	0	0	10
PD.1366	PL.13252	B	fuse6AMP	14.94Y	124.5	0.00	1.51	4.40	75	66	4	100	0.00	0.0	8.475	0.000	0	0	0	10
PL.21433	PD.1366	B	4ACSR	14.94Y	124.5	0.00	1.51	4.40	2	66	4	100	0.00	0.0	8.512	0.037	0	0	0	10
PL.24899	PL.21433	B	4ACSR	14.94Y	124.5	0.02	1.53	4.40	2	66	4	100	0.01	0.0	8.694	0.182	0	0	0	10
431802	PL.24899	B	Consumer	14.94Y	124.5	0.00	1.53	0.24	0	4	0	100	0.00	0.0	8.694	0.000	4	0	1	1
PL.24900	PL.24899	B	4ACSR	14.94Y	124.5	0.00	1.53	3.58	2	53	4	100	0.00	0.0	8.734	0.040	0	0	0	8
PL.23153	PL.24900	B	4ACSR	14.94Y	124.5	0.00	1.54	3.58	2	53	4	100	0.00	0.0	8.754	0.020	0	0	0	8
431813	PL.23153	B	Consumer	14.94Y	124.5	0.00	1.54	0.70	0	10	1	100	0.00	0.0	8.754	0.000	10	1	1	1
PL.23154	PL.23153	B	4ACSR	14.94Y	124.5	0.00	1.54	2.88	1	43	3	100	0.00	0.0	8.797	0.043	0	0	0	7
PL.23150	PL.23154	B	4ACSR	14.93Y	124.5	0.01	1.54	2.51	1	37	2	100	0.00	0.0	8.896	0.100	0	0	0	5
PL.23155	PL.23150	B	4ACSR	14.93Y	124.5	0.00	1.54	1.34	1	20	1	100	0.00	0.0	8.930	0.034	0	0	0	3
PL.23156	PL.23155	B	4ACSR	14.93Y	124.5	0.00	1.54	0.76	0	11	1	100	0.00	0.0	8.958	0.027	0	0	0	2
431804	PL.23156	B	Consumer	14.93Y	124.5	0.00	1.54	0.00	0	0	0	100	0.00	0.0	8.958	0.000	0	0	0	0
431810	PL.23156	B	Consumer	14.93Y	124.5	0.00	1.54	0.59	0	9	1	99	0.00	0.0	8.958	0.000	9	1	1	1
PL.20951	PL.23156	B	4ACSR	14.93Y	124.5	0.00	1.54	0.17	0	2	0	100	0.00	0.0	9.037	0.080	0	0	0	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
431812	PL.20951	B	Consumer	14.93Y	124.5	0.00	1.54	0.17	0	2	0	100	0.00	0.0	9.037	0.000	2	0	1	1
431814	PL.23155	B	Consumer	14.93Y	124.5	0.00	1.54	0.58	0	9	1	99	0.00	0.0	8.930	0.000	9	1	1	1
431807	PL.23150	B	Consumer	14.93Y	124.5	0.00	1.54	0.25	0	4	0	100	0.00	0.0	8.896	0.000	4	0	1	1
431806	PL.23150	B	Consumer	14.93Y	124.5	0.00	1.54	0.91	0	14	1	100	0.00	0.0	8.896	0.000	14	1	1	1
431811	PL.23154	B	Consumer	14.94Y	124.5	0.00	1.54	0.01	0	0	0	100	0.00	0.0	8.797	0.000	0	0	1	1
431808	PL.23154	B	Consumer	14.94Y	124.5	0.00	1.54	0.36	0	5	0	100	0.00	0.0	8.797	0.000	5	0	1	1
PL.20950	PL.24899	B	4ACSR	14.94Y	124.5	0.00	1.53	0.58	0	9	1	99	0.00	0.0	8.766	0.072	0	0	0	1
431809	PL.20950	B	Consumer	14.94Y	124.5	0.00	1.53	0.58	0	9	1	99	0.00	0.0	8.766	0.000	9	1	1	1
PL.13251	PL.13250	B	4ACSR	14.94Y	124.5	0.01	1.52	1.18	1	18	1	100	0.00	0.0	9.009	0.552	0	0	0	4
PL.21428	PL.13251	B	4ACSR	14.94Y	124.5	0.00	1.52	0.65	0	10	1	100	0.00	0.0	9.033	0.023	0	0	0	1
PD.1367	PL.21428	B	fuse6AMP	14.94Y	124.5	0.00	1.52	0.65	11	10	1	100	0.00	0.0	9.033	0.000	0	0	0	1
PL.21429	PD.1367	B	4ACSR	14.94Y	124.5	0.00	1.52	0.65	0	10	1	100	0.00	0.0	9.135	0.102	0	0	0	1
PL.24897	PL.21429	B	4ACSR	14.94Y	124.5	0.00	1.53	0.65	0	10	1	100	0.00	0.0	9.242	0.107	0	0	0	1
432815	PL.24897	B	Consumer	14.94Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	9.242	0.000	0	0	0	0
4328003	PL.24897	B	Consumer	14.94Y	124.5	0.00	1.53	0.65	0	10	1	100	0.00	0.0	9.242	0.000	10	1	1	1
PL.13247	PL.13251	B	4ACSR	14.94Y	124.5	0.00	1.52	0.53	0	8	1	99	0.00	0.0	9.107	0.098	0	0	0	3
PL.6502	PL.13247	B	4ACSR	14.94Y	124.5	0.00	1.52	0.27	0	4	0	100	0.00	0.0	9.344	0.237	0	0	0	2
432901	PL.6502	B	Consumer	14.94Y	124.5	0.00	1.52	0.27	0	4	0	100	0.00	0.0	9.344	0.000	4	0	1	1
PL.13794	PL.6502	B	4ACSR	14.94Y	124.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	9.345	0.001	0	0	0	1
PL.13795	PL.13794	B	4ACSR	14.94Y	124.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	9.358	0.013	0	0	0	0
PD.317-B	PL.13795	B	Open	14.94Y	124.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	9.358	0.000	0	0	0	0
PL.24898	PL.13794	B	4ACSR	14.94Y	124.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	9.449	0.104	0	0	0	1
432917	PL.24898	B	Consumer	14.94Y	124.5	0.00	1.52	0.00	0	0	0	100	0.00	0.0	9.449	0.000	0	0	1	1
431801	PL.13247	B	Consumer	14.94Y	124.5	0.00	1.52	0.26	0	4	0	100	0.00	0.0	9.107	0.000	4	0	1	1
PL.21435	PL.13255	B	4ACSR	14.94Y	124.5	0.00	1.46	0.29	0	4	0	100	0.00	0.0	8.060	0.022	0	0	0	2
PD.1364	PL.21435	B	fuse6AMP	14.94Y	124.5	0.00	1.46	0.29	5	4	0	100	0.00	0.0	8.060	0.000	0	0	0	2
PL.28230	PD.1364	B	4ACSR	14.94Y	124.5	0.00	1.46	0.29	0	4	0	100	0.00	0.0	8.163	0.103	0	0	0	2
PL.21434	PL.28230	B	4ACSR	14.94Y	124.5	0.00	1.46	0.29	0	4	0	100	0.00	0.0	8.352	0.189	0	0	0	2
430803	PL.21434	B	Consumer	14.94Y	124.5	0.00	1.46	0.25	0	4	0	100	0.00	0.0	8.352	0.000	4	0	1	1
430807	PL.21434	B	Consumer	14.94Y	124.5	0.00	1.46	0.04	0	1	0	100	0.00	0.0	8.352	0.000	1	0	1	1
PL.20949	PL.28230	B	4ACSR	14.94Y	124.5	0.00	1.46	0.00	0	0	0	100	0.00	0.0	8.194	0.031	0	0	0	0
PL.28232	PL.14112	B	4ACSR	14.95Y	124.6	0.00	1.45	0.51	0	8	1	99	0.00	0.0	7.946	0.030	0	0	0	1
PD.1363	PL.28232	B	fuse6AMP	14.95Y	124.6	0.00	1.45	0.51	9	8	1	99	0.00	0.0	7.946	0.000	0	0	0	1
PL.28231	PD.1363	B	4ACSR	14.95Y	124.6	0.00	1.45	0.51	0	8	1	99	0.00	0.0	8.054	0.108	0	0	0	1
430801	PL.28231	B	Consumer	14.95Y	124.6	0.00	1.45	0.51	0	8	1	99	0.00	0.0	8.054	0.000	8	1	1	1
PL.20953	PL.28231	B	4ACSR	14.95Y	124.6	0.00	1.45	0.00	0	0	0	100	0.00	0.0	8.140	0.085	0	0	0	0
379707	PL.14867	B	Consumer	14.96Y	124.7	0.00	1.35	0.29	0	4	0	100	0.00	0.0	7.188	0.000	4	0	1	1
379705	PL.14867	B	Consumer	14.96Y	124.7	0.00	1.35	0.06	0	1	0	100	0.00	0.0	7.188	0.000	1	0	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.18564	PL.14867	B	4ACSR	14.96Y	124.6	0.00	1.35	3.53	2	53	4	100	0.00	0.0	7.203	0.015	0	0	0	9
PD.238-A	PL.18564	B	Closed	14.96Y	124.6	0.00	1.35	3.53	0	53	4	100	0.00	0.0	7.203	0.000	0	0	0	9
PD.238-B	PD.238-A	B	Closed	14.96Y	124.6	0.00	1.35	3.53	0	53	4	100	0.00	0.0	7.203	0.000	0	0	0	9
PL.18565	PD.238-B	B	4ACSR	14.96Y	124.6	0.00	1.35	3.53	2	53	4	100	0.00	0.0	7.236	0.033	0	0	0	9
PL.22219	PL.18565	B	4ACSR	14.96Y	124.6	0.00	1.35	0.13	0	2	0	100	0.00	0.0	7.290	0.053	0	0	0	1
379704	PL.22219	B	Consumer	14.96Y	124.6	0.00	1.35	0.13	0	2	0	100	0.00	0.0	7.290	0.000	0	0	0	1
3797011	379704	B	Consumer	14.96Y	124.6	0.00	1.35	0.13	0	2	0	100	0.00	0.0	7.290	0.000	2	0	1	1
PL.14868	PL.18565	B	4ACSR	14.96Y	124.6	0.01	1.36	3.40	2	51	3	100	0.00	0.0	7.316	0.080	0	0	0	8
379706	PL.14868	B	Consumer	14.96Y	124.6	0.00	1.36	0.55	0	8	1	99	0.00	0.0	7.316	0.000	8	1	1	1
379703	PL.14868	B	Consumer	14.96Y	124.6	0.00	1.36	0.27	0	4	0	100	0.00	0.0	7.316	0.000	4	0	1	1
PL.14869	PL.14868	B	4ACSR	14.96Y	124.6	0.00	1.36	2.59	1	39	3	100	0.00	0.0	7.350	0.034	0	0	0	6
PL.14870	PL.14869	B	4ACSR	14.96Y	124.6	0.00	1.36	2.59	1	39	3	100	0.00	0.0	7.374	0.024	0	0	0	6
PL.2007	PL.14870	B	4ACSR	14.96Y	124.6	0.00	1.36	1.61	1	24	2	100	0.00	0.0	7.425	0.051	0	0	0	2
PL.35060	PL.2007	B	2ACSR	14.96Y	124.6	0.00	1.36	0.85	0	13	1	100	0.00	0.0	7.487	0.063	0	0	0	1
3798002	PL.35060	B	Consumer	14.96Y	124.6	0.00	1.36	0.85	0	13	1	100	0.00	0.0	7.487	0.000	13	1	1	1
379801	PL.2007	B	Consumer	14.96Y	124.6	0.00	1.36	0.00	0	0	0	100	0.00	0.0	7.425	0.000	0	0	0	0
3798001	PL.2007	B	Consumer	14.96Y	124.6	0.00	1.36	0.75	0	11	1	100	0.00	0.0	7.425	0.000	11	1	1	1
379710	PL.14870	B	Consumer	14.96Y	124.6	0.00	1.36	0.44	0	7	0	100	0.00	0.0	7.374	0.000	7	0	1	1
PL.14871	PL.14870	B	4ACSR	14.96Y	124.6	0.00	1.36	0.54	0	8	1	99	0.00	0.0	7.386	0.012	0	0	0	3
PL.19117	PL.14871	B	4ACSR	14.96Y	124.6	0.00	1.36	0.54	0	8	1	99	0.00	0.0	7.419	0.033	0	0	0	3
PL.19118	PL.19117	B	4ACSR	14.96Y	124.6	0.00	1.37	0.44	0	7	0	100	0.00	0.0	7.748	0.329	0	0	0	2
379701	PL.19118	B	Consumer	14.96Y	124.6	0.00	1.37	0.44	0	7	0	100	0.00	0.0	7.748	0.000	7	0	1	1
PL.14872	PL.19118	B	4ACSR	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	7.971	0.223	0	0	0	1
PL.22220	PL.14872	B	4ACSR	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	8.059	0.088	0	0	0	0
PL.14873	PL.14872	B	4ACSR	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	8.554	0.583	0	0	0	1
378702	PL.14873	B	Consumer	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	8.554	0.000	0	0	1	1
379702	PL.19117	B	Consumer	14.96Y	124.6	0.00	1.36	0.11	0	2	0	100	0.00	0.0	7.419	0.000	2	0	1	1
379709	PL.14866	B	Consumer	14.96Y	124.7	0.00	1.34	0.18	0	3	0	100	0.00	0.0	7.142	0.000	3	0	1	1
430706	PL.14864	B	Consumer	14.96Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	7.029	0.000	0	0	0	0
430718	PL.14864	B	Consumer	14.96Y	124.7	0.00	1.31	0.00	0	0	0	100	0.00	0.0	7.029	0.000	0	0	1	1
430712	PL.14861	B	Consumer	14.97Y	124.7	0.00	1.26	0.10	0	1	0	100	0.00	0.0	6.803	0.000	1	0	1	1
PL.20947	PL.14859	B	4ACSR	14.98Y	124.8	0.00	1.15	0.39	0	6	0	100	0.00	0.0	6.481	0.118	0	0	0	2
430705	PL.20947	B	Consumer	14.98Y	124.8	0.00	1.15	0.38	0	6	0	100	0.00	0.0	6.481	0.000	6	0	1	1
430717	PL.20947	B	Consumer	14.98Y	124.8	0.00	1.15	0.01	0	0	0	100	0.00	0.0	6.481	0.000	0	0	1	1
PL.20948	PL.14859	B	4ACSR	14.98Y	124.8	0.00	1.15	0.07	0	1	0	100	0.00	0.0	6.419	0.056	0	0	0	1
430710	PL.20948	B	Consumer	14.98Y	124.8	0.00	1.15	0.07	0	1	0	100	0.00	0.0	6.419	0.000	1	0	1	1
PL.21127	PL.20117	B	4ACSR	14.98Y	124.9	0.00	1.15	0.03	0	0	0	100	0.00	0.0	6.401	0.063	0	0	0	1
431703	PL.21127	B	Consumer	14.98Y	124.9	0.00	1.15	0.03	0	0	0	100	0.00	0.0	6.401	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.2411	PL.14858	B	4ACSR	14.99Y	124.9	0.00	1.08	0.43	0	6	0	100	0.00	0.0	6.197	0.117	0	0	0	1
PL.28674	PL.2411	B	4ACSR	14.99Y	124.9	0.00	1.08	0.43	0	6	0	100	0.00	0.0	6.390	0.193	0	0	0	1
431706	PL.28674	B	Consumer	14.99Y	124.9	0.00	1.08	0.43	0	6	0	100	0.00	0.0	6.390	0.000	6	0	1	1
431709	PL.14858	B	Consumer	14.99Y	124.9	0.00	1.08	0.50	0	8	1	99	0.00	0.0	6.080	0.000	8	1	1	1
430605	PL.14853	B	Consumer	15.01Y	125.1	0.00	0.91	0.00	0	0	0	100	0.00	0.0	5.468	0.000	0	0	1	1
PL.21035	PL.14853	B	4ACSR	15.01Y	125.1	0.00	0.91	1.59	1	24	2	100	0.00	0.0	5.483	0.015	0	0	0	4
PD.1352	PL.21035	B	fuse6AMP	15.01Y	125.1	0.00	0.91	1.59	27	24	2	100	0.00	0.0	5.483	0.000	0	0	0	4
PL.21036	PD.1352	B	4ACSR	15.01Y	125.1	0.00	0.92	1.59	1	24	2	100	0.00	0.0	5.612	0.130	0	0	0	4
PL.28676	PL.21036	B	4ACSR	15.01Y	125.1	0.01	0.92	1.59	1	24	2	100	0.00	0.0	5.793	0.180	0	0	0	4
431605	PL.28676	B	Consumer	15.01Y	125.1	0.00	0.92	0.46	0	7	0	100	0.00	0.0	5.793	0.000	7	0	1	1
PL.28675	PL.28676	B	4ACSR	15.01Y	125.1	0.01	0.93	1.13	1	17	1	100	0.00	0.0	6.036	0.243	0	0	0	3
431606	PL.28675	B	Consumer	15.01Y	125.1	0.00	0.93	0.50	0	7	0	100	0.00	0.0	6.036	0.000	7	0	1	1
PL.28673	PL.28675	B	4ACSR	15.01Y	125.1	0.00	0.93	0.63	0	10	1	100	0.00	0.0	6.301	0.266	0	0	0	2
431708	PL.28673	B	Consumer	15.01Y	125.1	0.00	0.93	0.30	0	5	0	100	0.00	0.0	6.301	0.000	5	0	1	1
431704	PL.28673	B	Consumer	15.01Y	125.1	0.00	0.93	0.33	0	5	0	100	0.00	0.0	6.301	0.000	5	0	1	1
PL.2403	PL.18855	B	4ACSR	15.02Y	125.2	0.00	0.79	0.00	0	0	0	100	0.00	0.0	5.095	0.001	0	0	0	0
PL.18654	PL.14542	A	4ACSR	15.02Y	125.2	0.00	0.83	14.82	8	223	-2	-100	0.01	0.0	4.811	0.010	0	0	0	26
PD.236-A	PL.18654	A	Closed	15.02Y	125.2	0.00	0.83	14.82	0	223	-2	-100	0.00	0.0	4.811	0.000	0	0	0	26
PD.236-B	PD.236-A	A	Closed	15.02Y	125.2	0.00	0.83	14.82	0	223	-2	-100	0.00	0.0	4.811	0.000	0	0	0	26
PL.18655	PD.236-B	A	4ACSR	15.02Y	125.1	0.02	0.85	14.82	8	223	-2	-100	0.04	0.0	4.887	0.077	0	0	0	26
PL.18398	PL.18655	A	4ACSR	15.02Y	125.1	0.00	0.85	0.54	0	8	1	99	0.00	0.0	4.893	0.006	0	0	0	2
PD.1124	PL.18398	A	fuse6AMP	15.02Y	125.1	0.00	0.85	0.54	9	8	1	99	0.00	0.0	4.893	0.000	0	0	0	2
PL.18399	PD.1124	A	4ACSR	15.02Y	125.1	0.00	0.85	0.54	0	8	1	99	0.00	0.0	5.031	0.138	0	0	0	2
379621	PL.18399	A	Consumer	15.02Y	125.1	0.00	0.85	0.45	0	7	0	100	0.00	0.0	5.031	0.000	7	0	1	1
379611	PL.18399	A	Consumer	15.02Y	125.1	0.00	0.85	0.10	0	1	0	100	0.00	0.0	5.031	0.000	1	0	1	1
PL.14543	PL.18655	A	4ACSR	15.01Y	125.1	0.06	0.91	14.28	7	214	-2	-100	0.11	0.0	5.103	0.216	0	0	0	24
378633	PL.14543	A	Consumer	15.01Y	125.1	0.00	0.91	0.01	0	0	0	100	0.00	0.0	5.103	0.000	0	0	1	1
PL.14544	PL.14543	A	4ACSR	15.01Y	125.1	0.01	0.93	14.26	7	214	-3	-100	0.02	0.0	5.151	0.048	0	0	0	23
PL.2004	PL.14544	A	4ACSR	15.01Y	125.1	0.00	0.93	0.30	0	4	0	100	0.00	0.0	5.291	0.139	0	0	0	1
379623	PL.2004	A	Consumer	15.01Y	125.1	0.00	0.93	0.30	0	4	0	100	0.00	0.0	5.291	0.000	4	0	1	1
PL.2005	PL.14544	A	4ACSR	15.01Y	125.1	0.00	0.93	0.00	0	0	0	100	0.00	0.0	5.234	0.083	0	0	0	0
PL.20364	PL.14544	A	4ACSR	15.01Y	125.1	0.02	0.94	13.97	7	210	-3	-100	0.03	0.0	5.216	0.065	0	0	0	22
PD.3396	PL.20364	A	25V4E	15.01Y	125.1	0.00	0.94	13.97	56	210	-3	-100	0.00	0.0	5.216	0.000	0	0	0	22
PL.20365	PD.3396	A	4ACSR	15.01Y	125.0	0.01	0.95	13.97	7	210	-3	-100	0.01	0.0	5.241	0.025	0	0	0	22
PL.14848	PL.20365	A	4ACSR	15.01Y	125.0	0.00	0.95	2.75	1	41	3	100	0.00	0.0	5.284	0.044	0	0	0	6
PL.14849	PL.14848	A	4ACSR	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	5.332	0.048	0	0	0	1
PL.2006	PL.14849	A	4ACSR	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	5.435	0.103	0	0	0	0
PL.14850	PL.14849	A	4ACSR	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	5.547	0.215	0	0	0	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.22223	PL.14850	A	4ACSR	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	5.665	0.118	0	0	0	1
378611	PL.22223	A	Consumer	15.01Y	125.0	0.00	0.95	0.00	0	0	0	100	0.00	0.0	5.665	0.000	0	0	1	1
PL.28280	PL.14848	A	4ACSR	15.01Y	125.0	0.00	0.96	2.05	1	31	2	100	0.00	0.0	5.372	0.088	0	0	0	4
378625	PL.28280	A	Consumer	15.01Y	125.0	0.00	0.96	0.58	0	9	1	99	0.00	0.0	5.372	0.000	9	1	1	1
PL.28203	PL.28280	A	4ACSR	15.01Y	125.0	0.00	0.96	1.47	1	22	1	100	0.00	0.0	5.372	0.000	0	0	0	3
PL.28567	PL.28203	A	4ACSR	15.01Y	125.0	0.00	0.96	0.54	0	8	1	99	0.00	0.0	5.409	0.036	0	0	0	2
378605	PL.28567	A	Consumer	15.01Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	5.409	0.000	0	0	1	1
378621	PL.28567	A	Consumer	15.01Y	125.0	0.00	0.96	0.54	0	8	1	99	0.00	0.0	5.409	0.000	8	1	1	1
PL.28204	PL.28203	A	4ACSR	15.01Y	125.0	0.00	0.96	0.92	0	14	1	100	0.00	0.0	5.436	0.063	0	0	0	1
378620	PL.28204	A	Consumer	15.01Y	125.0	0.00	0.96	0.92	0	14	1	100	0.00	0.0	5.436	0.000	14	1	1	1
378609	PL.14848	A	Consumer	15.01Y	125.0	0.00	0.95	0.70	0	10	1	100	0.00	0.0	5.284	0.000	10	1	1	1
PL.20366	PL.20365	A	4ACSR	15.01Y	125.0	0.00	0.95	11.24	6	169	-6	-100	0.00	0.0	5.248	0.008	0	0	0	16
C PD.1127	PL.20366	A	fuse6AMP	15.01Y	125.0	0.00	0.95	11.24	192	169	-6	-100	0.00	0.0	5.248	0.000	0	0	0	16 C
PL.20367	PD.1127	A	4ACSR	15.00Y	125.0	0.02	0.97	11.24	6	169	-6	-100	0.02	0.0	5.321	0.072	0	0	0	16
PL.6261	PL.20367	A	1/0EPRJCN	15.00Y	125.0	0.00	0.97	6.74	4	101	-4	-100	0.00	0.0	5.387	0.066	0	0	0	10
378629	PL.6261	A	Consumer	15.00Y	125.0	0.00	0.97	0.76	0	11	1	100	0.00	0.0	5.387	0.000	11	1	1	1
PL.4503	PL.6261	A	1/0EPRJCN	15.00Y	125.0	0.01	0.98	5.98	3	90	-3	-100	0.00	0.0	5.474	0.087	0	0	0	9
378627	PL.4503	A	Consumer	15.00Y	125.0	0.00	0.98	0.73	0	11	1	100	0.00	0.0	5.474	0.000	11	1	1	1
378631	PL.4503	A	Consumer	15.00Y	125.0	0.00	0.98	0.52	0	8	1	99	0.00	0.0	5.474	0.000	8	1	1	1
PL.14844	PL.4503	A	1/0EPRJCN	15.00Y	125.0	0.00	0.98	4.72	2	71	-3	-100	0.00	0.0	5.505	0.031	0	0	0	7
PL.14845	PL.14844	A	1/0EPRJCN	15.00Y	125.0	0.00	0.98	3.34	2	50	-4	-100	0.00	0.0	5.531	0.026	0	0	0	5
PL.4502	PL.14845	A	1/0EPRJCN	15.00Y	125.0	0.00	0.98	2.65	1	40	-4	-100	0.00	0.0	5.645	0.114	0	0	0	4
378711	PL.4502	A	Consumer	15.00Y	125.0	0.00	0.98	0.75	0	11	1	100	0.00	0.0	5.645	0.000	11	1	1	1
378715	PL.4502	A	Consumer	15.00Y	125.0	0.00	0.98	0.58	0	9	1	99	0.00	0.0	5.645	0.000	9	1	1	1
PL.4501	PL.4502	A	1/0EPRJCN	15.00Y	125.0	0.00	0.98	1.33	1	20	-3	-99	0.00	0.0	5.677	0.033	0	0	0	2
PL.4500	PL.4501	A	1/0EPRJCN	15.00Y	125.0	0.00	0.98	0.77	0	11	-3	-96	0.00	0.0	5.710	0.032	0	0	0	1
3787016	PL.4500	A	Consumer	15.00Y	125.0	0.00	0.98	0.74	0	11	1	100	0.00	0.0	5.710	0.000	11	1	1	1
P PL.4499	PL.4500	A	1/0EPRJCN	15.00Y	125.0	-0.00	0.98	-0.22	0	0	-3	0	0.00	0.0	5.799	0.089	0	0	0	0 P
P PL.4498	PL.4499	A	1/0EPRJCN	15.00Y	125.0	-0.00	0.98	-0.11	0	0	-2	0	0.00	0.0	5.845	0.046	0	0	0	0 P
P PL.6263	PL.4498	A	1/0EPRJCN	15.00Y	125.0	-0.00	0.98	-0.05	0	0	-1	0	0.00	0.0	5.887	0.041	0	0	0	0 P
378710	PL.4498	A	Consumer	15.00Y	125.0	0.00	0.98	0.00	0	0	0	100	0.00	0.0	5.845	0.000	0	0	0	0
378714	PL.4501	A	Consumer	15.00Y	125.0	0.00	0.98	0.57	0	9	1	99	0.00	0.0	5.677	0.000	9	1	1	1
3787018	PL.4501	A	Consumer	15.00Y	125.0	0.00	0.98	0.00	0	0	0	100	0.00	0.0	5.677	0.000	0	0	0	0
378708	PL.14845	A	Consumer	15.00Y	125.0	0.00	0.98	0.69	0	10	1	100	0.00	0.0	5.531	0.000	10	1	1	1
378709	PL.14844	A	Consumer	15.00Y	125.0	0.00	0.98	0.81	0	12	1	100	0.00	0.0	5.505	0.000	12	1	1	1
3787017	PL.14844	A	Consumer	15.00Y	125.0	0.00	0.98	0.58	0	9	1	99	0.00	0.0	5.505	0.000	9	1	1	1
PL.14843	PL.20367	A	1/0EPRJCN	15.00Y	125.0	0.00	0.97	4.50	2	67	-2	-100	0.00	0.0	5.379	0.058	0	0	0	6
378630	PL.14843	A	Consumer	15.00Y	125.0	0.00	0.97	0.48	0	7	0	100	0.00	0.0	5.379	0.000	7	0	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF	kW Loss							% Loss
378626	PL.14843	A	Consumer	15.00Y	125.0	0.00	0.97	0.00	0	0	0	100	0.00	0.0	5.379	0.000	0	0	0	0
PL.14846	PL.14843	A	1/0EPRJCN	15.00Y	125.0	0.00	0.97	4.02	2	60	-1	-100	0.00	0.0	5.444	0.065	0	0	0	5
PL.14847	PL.14846	A	1/0EPRJCN	15.00Y	125.0	0.00	0.98	2.38	1	36	-1	-100	0.00	0.0	5.540	0.096	0	0	0	3
PL.6262	PL.14847	A	1/0EPRJCN	15.00Y	125.0	0.00	0.98	0.35	0	5	-2	-93	0.00	0.0	5.649	0.109	0	0	0	1
378712	PL.6262	A	Consumer	15.00Y	125.0	0.00	0.98	0.33	0	5	0	100	0.00	0.0	5.649	0.000	5	0	1	1
378706	PL.14847	A	Consumer	15.00Y	125.0	0.00	0.98	0.76	0	11	1	100	0.00	0.0	5.540	0.000	11	1	1	1
378707	PL.14847	A	Consumer	15.00Y	125.0	0.00	0.98	1.29	0	19	1	100	0.00	0.0	5.540	0.000	19	1	1	1
378622	PL.14846	A	Consumer	15.00Y	125.0	0.00	0.97	0.86	0	13	1	100	0.00	0.0	5.444	0.000	13	1	1	1
378628	PL.14846	A	Consumer	15.00Y	125.0	0.00	0.97	0.79	0	12	1	100	0.00	0.0	5.444	0.000	12	1	1	1
PL.21596	PL.14541	C	4ACSR	15.09Y	125.8	0.00	0.23	3.03	2	46	2	100	0.00	0.0	4.665	0.006	0	0	0	8
PD.1123	PL.21596	C	fuse8AMP	15.09Y	125.8	0.00	0.23	3.03	41	46	2	100	0.00	0.0	4.665	0.000	0	0	0	8
PL.35661	PD.1123	C	4ACSR	15.09Y	125.8	0.01	0.24	3.03	2	46	2	100	0.00	0.0	4.775	0.110	0	0	0	8
P PL.35660	PL.35661	C	1/0EPRJCN	15.09Y	125.8	-0.00	0.24	0.05	0	0	-1	0	0.00	0.0	4.818	0.043	0	0	0	1 P
3796016	PL.35660	C	Consumer	15.09Y	125.8	0.00	0.24	0.00	0	0	0	100	0.00	0.0	4.818	0.000	0	0	1	1
PL.35662	PL.35661	C	4ACSR	15.09Y	125.7	0.01	0.25	3.03	2	46	3	100	0.00	0.0	4.944	0.169	0	0	0	7
PL.28279	PL.35662	C	4ACSR	15.09Y	125.7	0.01	0.26	2.75	1	41	3	100	0.00	0.0	5.109	0.165	0	0	0	5
378614	PL.28279	C	Consumer	15.09Y	125.7	0.00	0.26	0.05	0	1	0	100	0.00	0.0	5.109	0.000	1	0	1	1
PL.23047	PL.28279	C	4ACSR	15.09Y	125.7	0.00	0.26	2.70	1	41	3	100	0.00	0.0	5.109	0.000	0	0	0	4
PL.23048	PL.23047	C	4ACSR	15.09Y	125.7	0.00	0.26	2.12	1	32	2	100	0.00	0.0	5.194	0.085	0	0	0	2
378624	PL.23048	C	Consumer	15.09Y	125.7	0.00	0.26	0.30	0	4	0	100	0.00	0.0	5.194	0.000	4	0	1	1
378623	PL.23048	C	Consumer	15.09Y	125.7	0.00	0.26	1.82	0	27	2	100	0.00	0.0	5.194	0.000	27	2	1	1
378615	PL.23048	C	Consumer	15.09Y	125.7	0.00	0.26	0.00	0	0	0	100	0.00	0.0	5.194	0.000	0	0	0	0
PL.28568	PL.23047	C	4ACSR	15.09Y	125.7	0.00	0.26	0.58	0	9	1	99	0.00	0.0	5.172	0.063	0	0	0	2
378632	PL.28568	C	Consumer	15.09Y	125.7	0.00	0.26	0.01	0	0	0	100	0.00	0.0	5.172	0.000	0	0	1	1
3786034	PL.28568	C	Consumer	15.09Y	125.7	0.00	0.26	0.57	0	9	1	99	0.00	0.0	5.172	0.000	9	1	1	1
378601	PL.35662	C	Consumer	15.09Y	125.7	0.00	0.25	0.20	0	3	0	100	0.00	0.0	4.944	0.000	3	0	1	1
378608	PL.35662	C	Consumer	15.09Y	125.7	0.00	0.25	0.08	0	1	0	100	0.00	0.0	4.944	0.000	1	0	1	1
378606	PL.35662	C	Consumer	15.09Y	125.7	0.00	0.25	0.00	0	0	0	100	0.00	0.0	4.944	0.000	0	0	0	0
379619	PL.14540	C	Consumer	15.09Y	125.8	0.00	0.23	0.07	0	1	0	100	0.00	0.0	4.428	0.000	1	0	1	1
379617	PL.14540	C	Consumer	15.09Y	125.8	0.00	0.23	0.02	0	0	0	100	0.00	0.0	4.428	0.000	0	0	1	1
379609	PL.14540	C	Consumer	15.09Y	125.8	0.00	0.23	0.36	0	5	0	100	0.00	0.0	4.428	0.000	5	0	1	1
PL.21700	PL.28287	C	4ACSR	15.09Y	125.8	0.00	0.23	0.66	0	10	1	100	0.00	0.0	4.141	0.009	0	0	0	1
PD.1122	PL.21700	C	fuse6AMP	15.09Y	125.8	0.00	0.23	0.66	11	10	1	100	0.00	0.0	4.141	0.000	0	0	0	1
PL.21701	PD.1122	C	4ACSR	15.09Y	125.8	0.00	0.24	0.66	0	10	1	100	0.00	0.0	4.254	0.112	0	0	0	1
PL.22222	PL.21701	C	4ACSR	15.09Y	125.8	0.00	0.24	0.66	0	10	1	100	0.00	0.0	4.314	0.060	0	0	0	1
PL.22221	PL.22222	C	4ACSR	15.09Y	125.8	0.00	0.24	0.66	0	10	1	100	0.00	0.0	4.400	0.087	0	0	0	1
378617	PL.22221	C	Consumer	15.09Y	125.8	0.00	0.24	0.66	0	10	1	100	0.00	0.0	4.400	0.000	10	1	1	1
PL.28566	PL.22302	C	4ACSR	15.09Y	125.8	0.00	0.23	0.37	0	6	0	100	0.00	0.0	4.059	0.026	0	0	0	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
379604	PL.28566	C	Consumer	15.09Y	125.8	0.00	0.23	0.37	0	6	0	100	0.00	0.0	4.059	0.000	6	0	1	1
PL.14321	PL.27302	A	1/0ACSR	15.04Y	125.3	-0.00	0.70	0.00	0	0	0	100	0.00	0.0	4.047	0.055	0	0	0	0
		B		15.05Y	125.4	0.00	0.62	0.00	0	0	0	100					0	0	0	0
		C		15.09Y	125.8	0.00	0.23	1.24	0	19	1	100					0	0	0	5
PL.14538	PL.14321	A	1/0ACSR	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	4.098	0.051	0	0	0	0
		B		15.05Y	125.4	0.00	0.62	0.00	0	0	0	100					0	0	0	0
		C		15.09Y	125.8	0.00	0.23	0.00	0	0	0	100					0	0	0	0
PD.7631-A	PL.14538	A	Open	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	4.098	0.000	0	0	0	0
		B		15.05Y	125.4	0.00	0.62	0.00	0	0	0	100					0	0	0	0
		C		15.09Y	125.8	0.00	0.23	0.00	0	0	0	100					0	0	0	0
PL.20453	PL.14321	C	4ACSR	15.09Y	125.8	0.00	0.23	1.24	1	19	1	100	0.00	0.0	4.068	0.021	0	0	0	5
PD.1125	PL.20453	C	fuse6AMP	15.09Y	125.8	0.00	0.23	1.24	21	19	1	100	0.00	0.0	4.068	0.000	0	0	0	5
PL.20452	PD.1125	C	4ACSR	15.09Y	125.8	0.00	0.23	1.24	1	19	1	100	0.00	0.0	4.147	0.079	0	0	0	5
PL.6260	PL.20452	C	4ACSR	15.09Y	125.8	0.00	0.24	0.39	0	6	0	100	0.00	0.0	4.235	0.088	0	0	0	1
379615	PL.6260	C	Consumer	15.09Y	125.8	0.00	0.24	0.39	0	6	0	100	0.00	0.0	4.235	0.000	6	0	1	1
379601	PL.20452	C	Consumer	15.09Y	125.8	0.00	0.23	0.15	0	2	0	100	0.00	0.0	4.147	0.000	2	0	1	1
3796017	PL.20452	C	Consumer	15.09Y	125.8	0.00	0.23	0.00	0	0	0	100	0.00	0.0	4.147	0.000	0	0	0	0
379603	PL.20452	C	Consumer	15.09Y	125.8	0.00	0.23	0.42	0	6	0	100	0.00	0.0	4.147	0.000	6	0	1	1
379602	PL.20452	C	Consumer	15.09Y	125.8	0.00	0.23	0.25	0	4	0	100	0.00	0.0	4.147	0.000	4	0	1	1
379627	PL.20452	C	Consumer	15.09Y	125.8	0.00	0.23	0.03	0	0	0	100	0.00	0.0	4.147	0.000	0	0	1	1
430612	PL.19543	B	Consumer	15.05Y	125.4	0.00	0.57	0.84	0	13	1	100	0.00	0.0	3.537	0.000	13	1	1	1
430606	PL.19543	B	Consumer	15.05Y	125.4	0.00	0.57	0.23	0	3	0	100	0.00	0.0	3.537	0.000	3	0	1	1
PL.17790	PL.14473	A	4ACSR	15.05Y	125.4	0.00	0.61	1.71	1	26	2	100	0.00	0.0	3.389	0.024	0	0	0	4
PD.1354	PL.17790	A	fuse6AMP	15.05Y	125.4	0.00	0.61	1.71	29	26	2	100	0.00	0.0	3.389	0.000	0	0	0	4
PL.17791	PD.1354	A	4ACSR	15.05Y	125.4	0.00	0.61	1.71	1	26	2	100	0.00	0.0	3.448	0.059	0	0	0	4
PL.18252	PL.17791	A	4ACSR	15.05Y	125.4	0.00	0.61	1.11	1	17	1	100	0.00	0.0	3.533	0.085	0	0	0	3
PL.18253	PL.18252	A	4ACSR	15.05Y	125.4	-0.00	0.61	0.70	0	11	1	100	0.00	0.0	3.534	0.000	0	0	0	2
PL.2410	PL.18253	A	4ACSR	15.05Y	125.4	0.00	0.61	0.70	0	11	1	100	0.00	0.0	3.570	0.036	0	0	0	2
430615	PL.2410	A	Consumer	15.05Y	125.4	0.00	0.61	0.01	0	0	0	100	0.00	0.0	3.570	0.000	0	0	1	1
430611	PL.2410	A	Consumer	15.05Y	125.4	0.00	0.61	0.70	0	10	1	100	0.00	0.0	3.570	0.000	10	1	1	1
430610	PL.18252	A	Consumer	15.05Y	125.4	0.00	0.61	0.41	0	6	0	100	0.00	0.0	3.533	0.000	6	0	1	1
430609	PL.17791	A	Consumer	15.05Y	125.4	0.00	0.61	0.60	0	9	1	99	0.00	0.0	3.448	0.000	9	1	1	1
PL.2404	PL.14472	C	4ACSR	15.10Y	125.8	0.00	0.21	0.34	0	5	0	100	0.00	0.0	3.310	0.028	0	0	0	1
PD.1359	PL.2404	C	fuse6AMP	15.10Y	125.8	0.00	0.21	0.34	6	5	0	100	0.00	0.0	3.310	0.000	0	0	0	1
PL.14474	PD.1359	C	4ACSR	15.10Y	125.8	0.00	0.21	0.34	0	5	0	100	0.00	0.0	3.574	0.263	0	0	0	1
PL.1624	PL.14474	C	4ACSR	15.09Y	125.8	0.00	0.21	0.34	0	5	0	100	0.00	0.0	3.675	0.101	0	0	0	1
430502	PL.1624	C	Consumer	15.09Y	125.8	0.00	0.21	0.34	0	5	0	100	0.00	0.0	3.675	0.000	5	0	1	1
PL.14319	PL.14474	C	4ACSR	15.10Y	125.8	0.00	0.21	0.00	0	0	0	100	0.00	0.0	3.716	0.142	0	0	0	0
PL.18177	PL.6493	A	4ACSR	15.05Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	3.264	0.020	0	0	0	1
PD.1353	PL.18177	A	fuse6AMP	15.05Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	3.264	0.000	0	0	0	1
PL.18178	PD.1353	A	4ACSR	15.05Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	3.521	0.257	0	0	0	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru % Amps	Thru % Cap	Thru KW	% PF	kW Loss	% Loss							
431602	PL.18178	A	Consumer	15.05Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	3.521	0.000	0	0	1	1
430614	PL.43984	B	Consumer	15.06Y	125.5	0.00	0.54	0.00	0	0	0	100	0.00	0.0	3.209	0.000	0	0	0	0
P PL.45327	PL.43983	A	2ACSR	15.05Y	125.5	-0.00	0.55	-0.06	0	0	-1	0	0.00	0.0	3.048	0.044	0	0	0	0 P
PL.45395	PL.45327	A	2ACSR	15.05Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.108	0.061	0	0	0	0
4315029	PL.45395	A	Consumer	15.05Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.108	0.000	0	0	0	0
4315028	PL.45327	A	Consumer	15.05Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.048	0.000	0	0	0	0
P PL.45328	PL.45327	A	2ACSR	15.05Y	125.5	-0.00	0.55	-0.06	0	0	-1	0	0.00	0.0	3.083	0.036	0	0	0	0 P
PL.45324	PL.45328	A	2ACSR	15.05Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.285	0.202	0	0	0	0
P PL.45322	PL.45328	A	1/0EPRJCN	15.05Y	125.5	-0.00	0.55	-0.06	0	0	-1	0	0.00	0.0	3.134	0.051	0	0	0	0 P
4315027	PL.45322	A	Consumer	15.05Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.134	0.000	0	0	0	0
4316019	PL.43983	A	Consumer	15.05Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.003	0.000	0	0	0	0
PL.43985	PL.43983	A	2ACSR	15.05Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.034	0.030	0	0	0	0
4316020	PL.43985	A	Consumer	15.05Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.034	0.000	0	0	0	0
4316022	PL.43985	A	Consumer	15.05Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.034	0.000	0	0	0	0
4316021	PL.43985	A	Consumer	15.05Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.034	0.000	0	0	0	0
4316018	PL.43985	A	Consumer	15.05Y	125.5	0.00	0.55	0.00	0	0	0	100	0.00	0.0	3.034	0.000	0	0	0	0
PL.43979	PL.43977	A	4ACSR	15.06Y	125.5	-0.00	0.54	0.03	0	0	0	100	0.00	0.0	2.955	0.009	0	0	0	1
PD.1355	PL.43979	A	fuse6AMP	15.06Y	125.5	0.00	0.54	0.03	0	0	0	100	0.00	0.0	2.955	0.000	0	0	0	1
PL.43980	PD.1355	A	4ACSR	15.06Y	125.5	0.00	0.54	0.03	0	0	0	100	0.00	0.0	3.020	0.065	0	0	0	1
431608	PL.43980	A	Consumer	15.06Y	125.5	0.00	0.54	0.03	0	0	0	100	0.00	0.0	3.020	0.000	0	0	1	1
431601	PL.14470	B	Consumer	15.06Y	125.5	0.00	0.49	0.49	0	7	0	100	0.00	0.0	2.819	0.000	7	0	1	1
PL.27561	PL.14465	C	4ACSR	15.10Y	125.8	0.00	0.18	1.24	1	19	1	100	0.00	0.0	2.576	0.014	0	0	0	2
PD.1385	PL.27561	C	fuse6AMP	15.10Y	125.8	0.00	0.18	1.24	21	19	1	100	0.00	0.0	2.576	0.000	0	0	0	2
PL.27562	PD.1385	C	4ACSR	15.10Y	125.8	0.00	0.18	1.24	1	19	1	100	0.00	0.0	2.630	0.055	0	0	0	2
431525	PL.27562	C	Consumer	15.10Y	125.8	0.00	0.18	0.85	0	13	1	100	0.00	0.0	2.630	0.000	13	1	1	1
431520	PL.27562	C	Consumer	15.10Y	125.8	0.00	0.18	0.39	0	6	0	100	0.00	0.0	2.630	0.000	6	0	1	1
431522	PL.27562	C	Consumer	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	2.630	0.000	0	0	0	0
PL.21050	PL.18659	A	4ACSR	15.07Y	125.6	0.00	0.45	0.84	0	13	1	100	0.00	0.0	2.404	0.020	0	0	0	2
PD.1379	PL.21050	A	fuse6AMP	15.07Y	125.6	0.00	0.45	0.84	14	13	1	100	0.00	0.0	2.404	0.000	0	0	0	2
PL.21051	PD.1379	A	4ACSR	15.07Y	125.6	0.00	0.45	0.84	0	13	1	100	0.00	0.0	2.443	0.039	0	0	0	2
PL.20959	PL.21051	A	4ACSR	15.07Y	125.6	0.00	0.45	0.71	0	11	1	100	0.00	0.0	2.506	0.064	0	0	0	1
431515	PL.20959	A	Consumer	15.07Y	125.6	0.00	0.45	0.71	0	11	1	100	0.00	0.0	2.506	0.000	11	1	1	1
431507	PL.21051	A	Consumer	15.07Y	125.6	0.00	0.45	0.13	0	2	0	100	0.00	0.0	2.443	0.000	2	0	1	1
PL.39783	PL.39781	A	1/0EPRJCN	15.08Y	125.6	0.00	0.35	8.20	4	120	31	97	0.00	0.0	1.752	0.013	0	0	0	1
		B		15.08Y	125.6	0.00	0.36	8.20	4	120	31	97					0	0	0	1
		C		15.11Y	125.9	0.00	0.12	8.19	4	120	31	97					0	0	0	1
PD.7103	PL.39783	A	fuse20AMP	15.08Y	125.6	0.00	0.35	8.21	43	120	32	97	0.00	0.0	1.752	0.000	0	0	0	1
		B		15.08Y	125.6	0.00	0.36	8.21	43	120	32	97					0	0	0	1
		C		15.11Y	125.9	0.00	0.12	8.19	43	120	32	97					0	0	0	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.39784	PD.7103	A	1/0EPRJCN	15.08Y	125.6	0.00	0.35	8.21	4	120	32	97	0.01	0.0	1.780	0.028	0	0	0	1		
		B		15.08Y	125.6	0.00	0.37	8.21	4	120	32	97					0	0	0	1		
		C		15.11Y	125.9	0.00	0.12	8.19	4	120	32	97					0	0	0	1		
4325026	PL.39784	A	Consumer	15.08Y	125.6	0.00	0.35	0.00	0	0	0	100	0.00	0.0	1.780	0.000	0	0	0	0		
		B		15.08Y	125.6	0.00	0.37	0.00	0	0	0	100					0	0	0	0		
		C		15.11Y	125.9	0.00	0.12	0.00	0	0	0	100					0	0	0	0		
4325025	PL.39784	A	Consumer	15.08Y	125.6	0.00	0.35	8.22	0	120	32	97	0.00	0.0	1.780	0.000	120	32	0	0		
		B		15.08Y	125.6	0.00	0.37	8.22	0	120	32	97					120	32	0	0		
		C		15.11Y	125.9	0.00	0.12	8.20	0	120	32	97					120	32	0	0		
432514	PL.14460	B	Consumer	15.09Y	125.7	0.00	0.27	0.25	0	4	0	100	0.00	0.0	0.897	0.000	4	0	1	1		
433505	PL.44153	B	Consumer	15.09Y	125.8	0.00	0.22	0.17	0	3	0	100	0.00	0.0	0.731	0.000	3	0	1	1		
4335144	PL.44153	B	Consumer	15.09Y	125.8	0.00	0.22	0.00	0	0	0	100	0.00	0.0	0.731	0.000	0	0	0	0		
PL.13675	PL.13672	C	4ACSR	15.12Y	126.0	0.00	0.01	1.16	1	17	4	97	0.00	0.0	0.454	0.008	0	0	0	3		
PD.1393	PL.13675	C	fuse6AMP	15.12Y	126.0	0.00	0.01	1.16	20	17	4	97	0.00	0.0	0.454	0.000	0	0	0	3		
PL.13676	PD.1393	C	4ACSR	15.12Y	126.0	0.00	0.01	1.16	1	17	4	97	0.00	0.0	0.529	0.075	0	0	0	3		
433511	PL.13676	C	Consumer	15.12Y	126.0	0.00	0.01	0.46	0	7	0	100	0.00	0.0	0.529	0.000	7	0	1	1		
4335139	PL.13676	C	Consumer	15.12Y	126.0	0.00	0.01	0.28	0	4	0	100	0.00	0.0	0.529	0.000	4	0	1	1		
433533	PL.13676	C	Consumer	15.12Y	126.0	0.00	0.01	0.44	0	6	3	89	0.00	0.0	0.529	0.000	6	3	1	1		
PL.13673	PL.13672	A	4ACSR	15.11Y	125.9	0.00	0.11	1.93	1	29	1	100	0.00	0.0	0.453	0.006	0	0	0	2		
PD.1392	PL.13673	A	fuse6AMP	15.11Y	125.9	0.00	0.11	1.93	33	29	1	100	0.00	0.0	0.453	0.000	0	0	0	2		
PL.13674	PD.1392	A	4ACSR	15.11Y	125.9	0.00	0.12	1.93	1	29	1	100	0.00	0.0	0.494	0.041	0	0	0	2		
PL.6697	PL.13674	A	4ACSR	15.11Y	125.9	0.00	0.12	1.93	1	29	1	100	0.00	0.0	0.517	0.023	0	0	0	2		
PL.6698	PL.6697	A	4ACSR	15.11Y	125.9	0.00	0.12	1.93	1	29	1	100	0.00	0.0	0.538	0.021	0	0	0	1		
433512	PL.6698	A	Consumer	15.11Y	125.9	0.00	0.12	1.93	0	29	2	100	0.00	0.0	0.538	0.000	29	2	1	1		
P PL.31034	PL.6698	A	2ACSR	15.11Y	125.9	-0.00	0.12	-0.05	0	0	-1	0	0.00	0.0	0.650	0.112	0	0	0	0 P		
P PL.44623	PL.31034	A	1/0EPRJCN	15.11Y	125.9	-0.00	0.12	-0.05	0	0	-1	0	0.00	0.0	0.691	0.041	0	0	0	0 P		
4335145	PL.44623	A	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	0.691	0.000	0	0	0	0		
4335138	PL.31034	A	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	0.650	0.000	0	0	0	0		
PL.45141	PL.31034	A	2ACSR	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	0.745	0.095	0	0	0	0		
4335147	PL.45141	A	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	0.745	0.000	0	0	0	0		
4335137	PL.6697	A	Consumer	15.11Y	125.9	0.00	0.12	0.00	0	0	0	100	0.00	0.0	0.517	0.000	0	0	1	1		
PL.17930	PL.95	A	1/0ACSR	15.11Y	125.9	0.00	0.09	0.08	0	1	0	100	0.04	0.0	0.427	0.059	0	0	0	1		
		B		15.10Y	125.9	0.01	0.14	25.41	8	383	26	100					0	0	0	80		
		C		15.12Y	126.0	-0.01	-0.01	0.66	0	10	1	100					0	0	0	2		
PD.2650	PL.17930	A	50V4E	15.11Y	125.9	0.00	0.09	0.08	0	1	0	100	0.00	0.0	0.427	0.000	0	0	0	1		
		B		15.10Y	125.9	0.00	0.14	25.41	0	383	26	100					0	0	0	80		
		C		15.12Y	126.0	0.00	-0.01	0.66	0	10	1	100					0	0	0	2		
PL.17931	PD.2650	A	1/0ACSR	15.11Y	125.9	0.01	0.10	0.08	0	1	0	100	0.09	0.0	0.553	0.126	0	0	0	1		
		B		15.10Y	125.8	0.03	0.17	25.41	8	383	26	100					0	0	0	80		
		C		15.12Y	126.0	-0.01	-0.02	0.66	0	10	1	100					0	0	0	2		
PL.14306	PL.17931	A	1/0ACSR	15.11Y	125.9	0.00	0.10	0.08	0	1	0	100	0.01	0.0	0.603	0.050	0	0	0	1		
		B		15.10Y	125.8	0.01	0.17	14.41	4	217	14	100					0	0	0	38		
		C		15.12Y	126.0	-0.00	-0.03	0.66	0	10	1	100					0	0	0	2		
4335108	PL.14306	B	Consumer	15.10Y	125.8	0.00	0.17	0.25	0	4	0	100	0.00	0.0	0.603	0.000	4	0	1	1		
4335111	PL.14306	B	Consumer	15.10Y	125.8	0.00	0.17	0.49	0	7	0	100	0.00	0.0	0.603	0.000	7	0	1	1		

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
4335110	PL.14306	B	Consumer	15.10Y	125.8	0.00	0.17	0.25	0	4	0	100	0.00	0.0	0.603	0.000	4	0	1	1
4335112	PL.14306	B	Consumer	15.10Y	125.8	0.00	0.17	0.50	0	8	1	99	0.00	0.0	0.603	0.000	8	1	1	1
4335109	PL.14306	B	Consumer	15.10Y	125.8	0.00	0.17	0.52	0	8	1	99	0.00	0.0	0.603	0.000	8	1	1	1
4335113	PL.14306	B	Consumer	15.10Y	125.8	0.00	0.17	0.50	0	8	0	100	0.00	0.0	0.603	0.000	8	0	1	1
PL.14307	PL.14306	A	1/0ACSR	15.11Y	125.9	0.00	0.11	0.08	0	1	0	100	0.01	0.0	0.650	0.047	0	0	0	1
		B		15.10Y	125.8	0.01	0.18	11.90	4	179	12	100			0	0	0	0	32	
		C		15.12Y	126.0	-0.00	-0.03	0.66	0	10	1	100			0	0	0	0	2	
PL.27569	PL.14307	B	4ACSR	15.10Y	125.8	0.00	0.18	2.34	1	35	2	100	0.00	0.0	0.662	0.012	0	0	0	3
PD.1395	PL.27569	B	fuse6AMP	15.10Y	125.8	0.00	0.18	2.34	40	35	2	100	0.00	0.0	0.662	0.000	0	0	0	3
PL.27570	PD.1395	B	4ACSR	15.10Y	125.8	0.00	0.18	2.34	1	35	2	100	0.00	0.0	0.709	0.047	0	0	0	3
PL.6686	PL.27570	B	4ACSR	15.10Y	125.8	0.00	0.18	1.85	1	28	2	100	0.00	0.0	0.710	0.001	0	0	0	2
PL.23918	PL.6686	B	4ACSR	15.10Y	125.8	0.00	0.18	1.85	1	28	2	100	0.00	0.0	0.740	0.030	0	0	0	2
PL.2452	PL.23918	B	4ACSR	15.10Y	125.8	0.00	0.19	1.85	1	28	2	100	0.00	0.0	0.830	0.091	0	0	0	2
433520	PL.2452	B	Consumer	15.10Y	125.8	0.00	0.19	0.72	0	11	1	100	0.00	0.0	0.830	0.000	11	1	1	1
433568	PL.2452	B	Consumer	15.10Y	125.8	0.00	0.19	1.13	0	17	1	100	0.00	0.0	0.830	0.000	17	1	1	1
433503	PL.27570	B	Consumer	15.10Y	125.8	0.00	0.18	0.48	0	7	0	100	0.00	0.0	0.709	0.000	7	0	1	1
PL.27571	PL.14307	B	4ACSR	15.10Y	125.8	0.00	0.18	8.48	4	128	8	100	0.00	0.0	0.661	0.011	0	0	0	25
C PD.1400	PL.27571	B	fuse6AMP	15.10Y	125.8	0.00	0.18	8.48	145	128	8	100	0.00	0.0	0.661	0.000	0	0	0	25 C
PL.45859	PD.1400	B	4ACSR	15.10Y	125.8	0.00	0.18	8.48	4	128	8	100	0.00	0.0	0.673	0.012	0	0	0	25
4335152	PL.45859	B	Consumer	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.673	0.000	0	0	0	0
4335153	4335152	B	Consumer	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.673	0.000	0	0	0	0
4335154	PL.45859	B	Consumer	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.673	0.000	0	0	0	0
4335155	4335154	B	Consumer	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.673	0.000	0	0	0	0
4335151	PL.45859	B	Consumer	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.673	0.000	0	0	0	0
4335150	4335151	B	Consumer	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.673	0.000	0	0	0	0
PL.45860	PL.45859	B	4ACSR	15.10Y	125.8	0.00	0.19	8.48	4	128	8	100	0.00	0.0	0.699	0.026	0	0	0	25
PL.14308	PL.45860	B	4ACSR	15.10Y	125.8	0.00	0.19	1.27	1	19	1	100	0.00	0.0	0.727	0.028	0	0	0	3
PL.6696	PL.14308	B	4ACSR	15.10Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.727	0.000	0	0	0	0
433586	PL.14308	B	Consumer	15.10Y	125.8	0.00	0.19	0.52	0	8	1	99	0.00	0.0	0.727	0.000	8	1	1	1
433584	PL.14308	B	Consumer	15.10Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.727	0.000	0	0	0	0
433587	PL.14308	B	Consumer	15.10Y	125.8	0.00	0.19	0.50	0	8	1	99	0.00	0.0	0.727	0.000	8	1	1	1
4335129	PL.14308	B	Consumer	15.10Y	125.8	0.00	0.19	0.24	0	4	0	100	0.00	0.0	0.727	0.000	4	0	1	1
433585	PL.14308	B	Consumer	15.10Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.727	0.000	0	0	0	0
433589	PL.45860	B	Consumer	15.10Y	125.8	0.00	0.19	0.48	0	7	0	100	0.00	0.0	0.699	0.000	7	0	1	1
4335156	PL.45860	B	Consumer	15.10Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.699	0.000	0	0	0	0
4335157	4335156	B	Consumer	15.10Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.699	0.000	0	0	0	0
4335158	4335157	B	Consumer	15.10Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.699	0.000	0	0	0	0
4335159	4335158	B	Consumer	15.10Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.699	0.000	0	0	0	0
433591	PL.45860	B	Consumer	15.10Y	125.8	0.00	0.19	0.38	0	6	0	100	0.00	0.0	0.699	0.000	6	0	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
4335104	PL.45860	B	Consumer	15.10Y	125.8	0.00	0.19	0.20	0	3	0	100	0.00	0.0	0.699	0.000	3	0	1	1
433588	PL.45860	B	Consumer	15.10Y	125.8	0.00	0.19	0.41	0	6	0	100	0.00	0.0	0.699	0.000	6	0	1	1
433590	PL.45860	B	Consumer	15.10Y	125.8	0.00	0.19	0.33	0	5	0	100	0.00	0.0	0.699	0.000	5	0	1	1
4335105	PL.45860	B	Consumer	15.10Y	125.8	0.00	0.19	0.28	0	4	0	100	0.00	0.0	0.699	0.000	4	0	1	1
PL.14309	PL.45860	B	4ACSR	15.10Y	125.8	0.00	0.19	5.14	3	77	5	100	0.00	0.0	0.744	0.046	0	0	0	16
PL.14310	PL.14309	B	4ACSR	15.10Y	125.8	0.00	0.19	1.98	1	30	2	100	0.00	0.0	0.768	0.024	0	0	0	8
4335126	PL.14310	B	Consumer	15.10Y	125.8	0.00	0.19	0.07	0	1	0	100	0.00	0.0	0.768	0.000	1	0	1	1
4335127	PL.14310	B	Consumer	15.10Y	125.8	0.00	0.19	0.34	0	5	0	100	0.00	0.0	0.768	0.000	5	0	1	1
4335128	PL.14310	B	Consumer	15.10Y	125.8	0.00	0.19	0.23	0	3	0	100	0.00	0.0	0.768	0.000	3	0	1	1
4335131	PL.14310	B	Consumer	15.10Y	125.8	0.00	0.19	0.28	0	4	0	100	0.00	0.0	0.768	0.000	4	0	1	1
433592	PL.14310	B	Consumer	15.10Y	125.8	0.00	0.19	0.35	0	5	0	100	0.00	0.0	0.768	0.000	5	0	1	1
4335130	PL.14310	B	Consumer	15.10Y	125.8	0.00	0.19	0.17	0	3	0	100	0.00	0.0	0.768	0.000	3	0	1	1
433593	PL.14310	B	Consumer	15.10Y	125.8	0.00	0.19	0.30	0	4	0	100	0.00	0.0	0.768	0.000	4	0	1	1
4335125	PL.14310	B	Consumer	15.10Y	125.8	0.00	0.19	0.25	0	4	0	100	0.00	0.0	0.768	0.000	4	0	1	1
4335133	PL.14309	B	Consumer	15.10Y	125.8	0.00	0.19	0.32	0	5	0	100	0.00	0.0	0.744	0.000	5	0	1	1
433597	PL.14309	B	Consumer	15.10Y	125.8	0.00	0.19	0.41	0	6	0	100	0.00	0.0	0.744	0.000	6	0	1	1
433596	PL.14309	B	Consumer	15.10Y	125.8	0.00	0.19	0.58	0	9	1	99	0.00	0.0	0.744	0.000	9	1	1	1
433595	PL.14309	B	Consumer	15.10Y	125.8	0.00	0.19	0.41	0	6	0	100	0.00	0.0	0.744	0.000	6	0	1	1
433594	PL.14309	B	Consumer	15.10Y	125.8	0.00	0.19	0.46	0	7	0	100	0.00	0.0	0.744	0.000	7	0	1	1
4335134	PL.14309	B	Consumer	15.10Y	125.8	0.00	0.19	0.41	0	6	0	100	0.00	0.0	0.744	0.000	6	0	1	1
4335135	PL.14309	B	Consumer	15.10Y	125.8	0.00	0.19	0.27	0	4	0	100	0.00	0.0	0.744	0.000	4	0	1	1
4335132	PL.14309	B	Consumer	15.10Y	125.8	0.00	0.19	0.29	0	4	0	100	0.00	0.0	0.744	0.000	4	0	1	1
4335103	PL.14307	B	Consumer	15.10Y	125.8	0.00	0.18	0.29	0	4	0	100	0.00	0.0	0.650	0.000	4	0	1	1
4335102	PL.14307	B	Consumer	15.10Y	125.8	0.00	0.18	0.27	0	4	0	100	0.00	0.0	0.650	0.000	4	0	1	1
4335149	PL.14307	B	Consumer	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0.650	0.000	0	0	0	0
PL.14316	PL.14307	A	1/0ACSR	15.11Y	125.9	-0.00	0.11	0.08	0	1	0	100	0.00	0.0	0.844	0.194	0	0	0	1
		B		15.10Y	125.8	0.00	0.18	0.52	0	8	1	100					0	0	0	2
		C		15.12Y	126.0	0.00	-0.03	0.66	0	10	1	100					0	0	0	2
PL.14317	PL.14316	A	1/0ACSR	15.11Y	125.9	-0.00	0.10	0.00	0	0	0	100	0.00	0.0	1.052	0.208	0	0	0	0
		B		15.10Y	125.8	0.00	0.18	0.52	0	8	1	100					0	0	0	2
		C		15.12Y	126.0	0.00	-0.03	0.66	0	10	1	100					0	0	0	2
PL.14318	PL.14317	A	1/0ACSR	15.11Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	1.128	0.075	0	0	0	0
		B		15.10Y	125.8	0.00	0.18	0.52	0	8	1	100					0	0	0	2
		C		15.12Y	126.0	-0.00	-0.03	0.00	0	0	0	100					0	0	0	1
PL.14452	PL.14318	A	1/0ACSR	15.11Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	1.229	0.101	0	0	0	0
		B		15.10Y	125.8	0.00	0.18	0.52	0	8	1	100					0	0	0	2
		C		15.12Y	126.0	-0.00	-0.03	0.00	0	0	0	100					0	0	0	1
PL.14453	PL.14452	A	1/0ACSR	15.11Y	125.9	0.00	0.11	0.00	0	0	0	100	0.00	0.0	1.251	0.023	0	0	0	0
		B		15.10Y	125.8	0.00	0.18	0.52	0	8	1	100					0	0	0	2
		C		15.12Y	126.0	-0.00	-0.03	0.00	0	0	0	100					0	0	0	1
PL.18428	PL.14453	B	4ACSR	15.10Y	125.8	0.00	0.18	0.52	0	8	1	99	0.00	0.0	1.263	0.012	0	0	0	2
PD.1398	PL.18428	B	fuse6AMP	15.10Y	125.8	0.00	0.18	0.52	9	8	1	99	0.00	0.0	1.263	0.000	0	0	0	2
PL.18429	PD.1398	B	4ACSR	15.10Y	125.8	0.00	0.18	0.52	0	8	1	99	0.00	0.0	1.313	0.050	0	0	0	2

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.14454	PL.18429	B	4ACSR	15.10Y	125.8	0.00	0.18	0.52	0	8	1	99	0.00	0.0	1.392	0.079	0	0	0	1
PL.6685	PL.14454	B	4ACSR	15.10Y	125.8	0.00	0.18	0.52	0	8	1	99	0.00	0.0	1.392	0.000	0	0	0	1
434504	PL.6685	B	Consumer	15.10Y	125.8	0.00	0.18	0.52	0	8	1	99	0.00	0.0	1.392	0.000	8	1	1	1
PL.2260	PL.18429	B	4ACSR	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	1.400	0.087	0	0	0	1
434505	PL.2260	B	Consumer	15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	1.400	0.000	0	0	1	1
PL.18426	PL.14453	C	4ACSR	15.12Y	126.0	0.00	-0.03	0.00	0	0	0	100	0.00	0.0	1.260	0.009	0	0	0	1
PD.1399	PL.18426	C	fuse6AMP	15.12Y	126.0	0.00	-0.03	0.00	0	0	0	100	0.00	0.0	1.260	0.000	0	0	0	1
PL.18427	PD.1399	C	4ACSR	15.12Y	126.0	0.00	-0.03	0.00	0	0	0	100	0.00	0.0	1.304	0.043	0	0	0	1
433501	PL.18427	C	Consumer	15.12Y	126.0	0.00	-0.03	0.00	0	0	0	100	0.00	0.0	1.304	0.000	0	0	1	1
PL.2261	PL.14317	A	1/0ACSR	15.11Y	125.9	-0.00	0.10	0.00	0	0	0	100	0.00	0.0	1.095	0.042	0	0	0	0
		B		15.10Y	125.8	0.00	0.18	0.00	0	0	0	100	0.00	0.0	0	0	0	0	0	0
		C		15.12Y	126.0	0.00	-0.03	0.66	0	10	1	100	0.00	0.0	0	0	0	0	0	1
434503	PL.2261	C	Consumer	15.12Y	126.0	0.00	-0.03	0.66	0	10	1	100	0.00	0.0	1.095	0.000	10	1	1	1
PL.14448	PL.14316	A	4ACSR	15.11Y	125.9	0.00	0.11	0.08	0	1	0	100	0.00	0.0	0.863	0.019	0	0	0	1
PD.1397	PL.14448	A	fuse6AMP	15.11Y	125.9	0.00	0.11	0.08	1	1	0	100	0.00	0.0	0.863	0.000	0	0	0	1
PL.14447	PD.1397	A	4ACSR	15.11Y	125.9	0.00	0.11	0.08	0	1	0	100	0.00	0.0	0.930	0.067	0	0	0	1
433506	PL.14447	A	Consumer	15.11Y	125.9	0.00	0.11	0.08	0	1	0	100	0.00	0.0	0.930	0.000	1	0	1	1
PL.17928	PL.17931	B	4ACSR	15.10Y	125.8	0.00	0.17	9.80	5	148	10	100	0.00	0.0	0.568	0.015	0	0	0	38
PD.2649	PL.17928	B	25E	15.10Y	125.8	0.00	0.17	9.80	39	148	10	100	0.00	0.0	0.568	0.000	0	0	0	38
PL.17929	PD.2649	B	4ACSR	15.10Y	125.8	0.01	0.18	9.80	5	148	10	100	0.01	0.0	0.593	0.025	0	0	0	38
4335122	PL.17929	B	Consumer	15.10Y	125.8	0.00	0.18	0.20	0	3	0	100	0.00	0.0	0.593	0.000	3	0	1	1
4335121	PL.17929	B	Consumer	15.10Y	125.8	0.00	0.18	0.36	0	5	0	100	0.00	0.0	0.593	0.000	5	0	1	1
4335119	PL.17929	B	Consumer	15.10Y	125.8	0.00	0.18	0.43	0	6	0	100	0.00	0.0	0.593	0.000	6	0	1	1
4335118	PL.17929	B	Consumer	15.10Y	125.8	0.00	0.18	0.35	0	5	0	100	0.00	0.0	0.593	0.000	5	0	1	1
PL.14305	PL.17929	B	4ACSR	15.10Y	125.8	0.01	0.18	8.46	4	127	9	100	0.01	0.0	0.627	0.034	0	0	0	34
PL.14449	PL.14305	B	4ACSR	15.10Y	125.8	0.01	0.19	7.80	4	118	8	100	0.01	0.0	0.695	0.068	0	0	0	31
433572	PL.14449	B	Consumer	15.10Y	125.8	0.00	0.19	0.31	0	5	0	100	0.00	0.0	0.695	0.000	5	0	1	1
433575	PL.14449	B	Consumer	15.10Y	125.8	0.00	0.19	0.28	0	4	0	100	0.00	0.0	0.695	0.000	4	0	1	1
433574	PL.14449	B	Consumer	15.10Y	125.8	0.00	0.19	0.24	0	4	0	100	0.00	0.0	0.695	0.000	4	0	1	1
433571	PL.14449	B	Consumer	15.10Y	125.8	0.00	0.19	0.23	0	4	0	100	0.00	0.0	0.695	0.000	4	0	1	1
433576	PL.14449	B	Consumer	15.10Y	125.8	0.00	0.19	0.18	0	3	0	100	0.00	0.0	0.695	0.000	3	0	1	1
433538	PL.14449	B	Consumer	15.10Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.695	0.000	0	0	0	0
433565	PL.14449	B	Consumer	15.10Y	125.8	0.00	0.19	0.00	0	0	0	100	0.00	0.0	0.695	0.000	0	0	0	0
PL.14450	PL.14449	B	4ACSR	15.10Y	125.8	0.00	0.20	6.57	3	99	7	100	0.00	0.0	0.731	0.036	0	0	0	26
PL.14451	PL.14450	B	4ACSR	15.10Y	125.8	0.00	0.20	2.30	1	35	2	100	0.00	0.0	0.775	0.044	0	0	0	9
433560	PL.14451	B	Consumer	15.10Y	125.8	0.00	0.20	0.36	0	5	0	100	0.00	0.0	0.775	0.000	5	0	1	1
433562	PL.14451	B	Consumer	15.10Y	125.8	0.00	0.20	0.20	0	3	0	100	0.00	0.0	0.775	0.000	3	0	1	1
433563	PL.14451	B	Consumer	15.10Y	125.8	0.00	0.20	0.30	0	5	0	100	0.00	0.0	0.775	0.000	5	0	1	1
433561	PL.14451	B	Consumer	15.10Y	125.8	0.00	0.20	0.14	0	2	0	100	0.00	0.0	0.775	0.000	2	0	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.6693	PL.14451	B	4ACSR	15.10Y	125.8	0.00	0.20	1.30	1	20	1	100	0.00	0.0	0.812	0.037	0	0	0	5		
433559	PL.6693	B	Consumer	15.10Y	125.8	0.00	0.20	0.28	0	4	0	100	0.00	0.0	0.812	0.000	4	0	1	1		
433556	PL.6693	B	Consumer	15.10Y	125.8	0.00	0.20	0.21	0	3	0	100	0.00	0.0	0.812	0.000	3	0	1	1		
433558	PL.6693	B	Consumer	15.10Y	125.8	0.00	0.20	0.17	0	3	0	100	0.00	0.0	0.812	0.000	3	0	1	1		
433582	PL.6693	B	Consumer	15.10Y	125.8	0.00	0.20	0.08	0	1	0	100	0.00	0.0	0.812	0.000	1	0	1	1		
433557	PL.6693	B	Consumer	15.10Y	125.8	0.00	0.20	0.56	0	8	1	99	0.00	0.0	0.812	0.000	8	1	1	1		
PL.14313	PL.14450	B	4ACSR	15.10Y	125.8	0.00	0.20	3.62	2	54	4	100	0.00	0.0	0.775	0.044	0	0	0	13		
433544	PL.14313	B	Consumer	15.10Y	125.8	0.00	0.20	0.52	0	8	1	99	0.00	0.0	0.775	0.000	8	1	1	1		
433543	PL.14313	B	Consumer	15.10Y	125.8	0.00	0.20	0.28	0	4	0	100	0.00	0.0	0.775	0.000	4	0	1	1		
PL.6690	PL.14313	B	4ACSR	15.10Y	125.8	0.00	0.20	2.82	1	43	3	100	0.00	0.0	0.827	0.052	0	0	0	11		
PL.6691	PL.6690	B	4ACSR	15.10Y	125.8	0.00	0.20	1.48	1	22	1	100	0.00	0.0	0.872	0.045	0	0	0	7		
433552	PL.6691	B	Consumer	15.10Y	125.8	0.00	0.20	0.13	0	2	0	100	0.00	0.0	0.872	0.000	2	0	1	1		
433549	PL.6691	B	Consumer	15.10Y	125.8	0.00	0.20	0.25	0	4	0	100	0.00	0.0	0.872	0.000	4	0	1	1		
433550	PL.6691	B	Consumer	15.10Y	125.8	0.00	0.20	0.33	0	5	0	100	0.00	0.0	0.872	0.000	5	0	1	1		
433551	PL.6691	B	Consumer	15.10Y	125.8	0.00	0.20	0.30	0	5	0	100	0.00	0.0	0.872	0.000	5	0	1	1		
PL.6692	PL.6691	B	4ACSR	15.10Y	125.8	0.00	0.20	0.46	0	7	0	100	0.00	0.0	0.906	0.034	0	0	0	3		
433554	PL.6692	B	Consumer	15.10Y	125.8	0.00	0.20	0.21	0	3	0	100	0.00	0.0	0.906	0.000	3	0	1	1		
433553	PL.6692	B	Consumer	15.10Y	125.8	0.00	0.20	0.07	0	1	0	100	0.00	0.0	0.906	0.000	1	0	1	1		
433555	PL.6692	B	Consumer	15.10Y	125.8	0.00	0.20	0.18	0	3	0	100	0.00	0.0	0.906	0.000	3	0	1	1		
433546	PL.6690	B	Consumer	15.10Y	125.8	0.00	0.20	0.25	0	4	0	100	0.00	0.0	0.827	0.000	4	0	1	1		
433547	PL.6690	B	Consumer	15.10Y	125.8	0.00	0.20	0.49	0	7	0	100	0.00	0.0	0.827	0.000	7	0	1	1		
433545	PL.6690	B	Consumer	15.10Y	125.8	0.00	0.20	0.38	0	6	0	100	0.00	0.0	0.827	0.000	6	0	1	1		
433548	PL.6690	B	Consumer	15.10Y	125.8	0.00	0.20	0.22	0	3	0	100	0.00	0.0	0.827	0.000	3	0	1	1		
433566	PL.14450	B	Consumer	15.10Y	125.8	0.00	0.20	0.01	0	0	0	100	0.00	0.0	0.731	0.000	0	0	1	1		
433542	PL.14450	B	Consumer	15.10Y	125.8	0.00	0.20	0.27	0	4	0	100	0.00	0.0	0.731	0.000	4	0	1	1		
433541	PL.14450	B	Consumer	15.10Y	125.8	0.00	0.20	0.14	0	2	0	100	0.00	0.0	0.731	0.000	2	0	1	1		
433570	PL.14450	B	Consumer	15.10Y	125.8	0.00	0.20	0.23	0	4	0	100	0.00	0.0	0.731	0.000	4	0	1	1		
4335124	PL.14305	B	Consumer	15.10Y	125.8	0.00	0.18	0.24	0	4	0	100	0.00	0.0	0.627	0.000	4	0	1	1		
4335123	PL.14305	B	Consumer	15.10Y	125.8	0.00	0.18	0.37	0	6	0	100	0.00	0.0	0.627	0.000	6	0	1	1		
4335136	PL.14305	B	Consumer	15.10Y	125.8	0.00	0.18	0.06	0	1	0	100	0.00	0.0	0.627	0.000	1	0	1	1		
4335116	PL.17931	B	Consumer	15.10Y	125.8	0.00	0.17	0.21	0	3	0	100	0.00	0.0	0.553	0.000	3	0	1	1		
4335114	PL.17931	B	Consumer	15.10Y	125.8	0.00	0.17	0.26	0	4	0	100	0.00	0.0	0.553	0.000	4	0	1	1		
4335115	PL.17931	B	Consumer	15.10Y	125.8	0.00	0.17	0.40	0	6	0	100	0.00	0.0	0.553	0.000	6	0	1	1		
4335117	PL.17931	B	Consumer	15.10Y	125.8	0.00	0.17	0.33	0	5	0	100	0.00	0.0	0.553	0.000	5	0	1	1		
PL.13671	PL.95	A	1/0ACSR	15.11Y	125.9	0.00	0.09	0.00	0	0	0	100	0.00	0.0	0.369	0.001	0	0	0	0		
		B		15.11Y	125.9	0.00	0.12	0.00	0	0	0	100					0	0	0	0		
		C		15.12Y	126.0	0.00	-0.00	0.00	0	0	0	100					0	0	0	0		
433523	PL.42654	A	Consumer	15.12Y	126.0	0.00	0.01	0.64	0	9	4	91	0.00	0.0	0.081	0.000	9	4	0	0		
		B		15.12Y	126.0	0.00	0.02	0.64	0	9	4	90					9	4	0	0		
		C		15.12Y	126.0	0.00	-0.00	0.64	0	9	4	90					9	4	0	0		

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Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 3 (HINKSTON3) beginning with device PD.8109.

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Title:
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.29540, 433527, PL.13682, etc.

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like 433564, PL.29286, 4335101, etc.

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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
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Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss			KW	KVAR			
PL.45722	PL.42267	A	1/0ACSR	15.08Y	125.7	0.01	0.31	33.96	10	511	39	100	0.06	0.0	1.044	0.035	0	0	0	82
		B		15.11Y	125.9	-0.00	0.09	0.06	0	1	0	90					0	0	0	0
		C		15.07Y	125.6	0.01	0.41	22.93	7	345	25	100					0	0	0	41
PL.45724	PL.45722	C	2ACSR	15.07Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	1.051	0.007	0	0	0	0
PD.8676	PL.45724	C	fuse6AMP	15.07Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	1.051	0.000	0	0	0	0
PL.45725	PD.8676	C	2ACSR	15.07Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	1.083	0.032	0	0	0	0
4336006	PL.45725	C	Consumer	15.07Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	1.083	0.000	0	0	0	0
PL.45723	PL.45722	A	1/0ACSR	15.08Y	125.7	0.01	0.32	33.96	10	511	39	100	0.07	0.0	1.088	0.044	0	0	0	82
		B		15.11Y	125.9	-0.00	0.09	0.06	0	1	0	90					0	0	0	0
		C		15.07Y	125.6	0.01	0.42	22.93	7	345	25	100					0	0	0	41
PL.20218	PL.45723	A	1/0ACSR	15.08Y	125.7	0.02	0.34	33.90	10	510	38	100	0.11	0.0	1.155	0.067	0	0	0	82
		B		15.11Y	125.9	-0.01	0.08	0.00	0	0	0	100					0	0	0	0
		C		15.07Y	125.6	0.02	0.44	22.88	7	344	24	100					0	0	0	41
PD.2643	PL.20218	A	50V4E	15.08Y	125.7	0.00	0.34	33.90	0	510	38	100	0.00	0.0	1.155	0.000	0	0	0	82
		B		15.11Y	125.9	0.00	0.08	0.00	0	0	0	100					0	0	0	0
		C		15.07Y	125.6	0.00	0.44	22.88	0	344	24	100					0	0	0	41
PL.20091	PD.2643	A	1/0ACSR	15.07Y	125.6	0.06	0.39	33.90	10	510	38	100	0.43	0.1	1.418	0.263	0	0	0	82
		B		15.11Y	125.9	-0.03	0.06	0.00	0	0	0	100					0	0	0	0
		C		15.06Y	125.5	0.08	0.52	22.88	7	344	24	100					0	0	0	41
PL.29570	PL.20091	A	1/0ACSR	15.06Y	125.5	0.14	0.54	33.90	10	510	38	100	1.04	0.1	2.053	0.635	0	0	0	82
		B		15.12Y	126.0	-0.07	-0.01	0.00	0	0	0	100					0	0	0	0
		C		15.03Y	125.3	0.20	0.72	22.88	7	344	24	100					0	0	0	41
PL.26363	PL.29570	A	1/0ACSR	15.04Y	125.3	0.15	0.69	33.90	10	509	37	100	1.11	0.1	2.731	0.678	0	0	0	82
		B		15.13Y	126.1	-0.07	-0.08	0.00	0	0	0	100					0	0	0	0
		C		15.01Y	125.1	0.21	0.93	22.88	7	343	24	100					0	0	0	41
PD.322-A	PL.26363	A	Closed	15.04Y	125.3	0.00	0.69	33.90	0	509	36	100	0.00	0.0	2.731	0.000	0	0	0	82
		B		15.13Y	126.1	0.00	-0.08	0.00	0	0	0	100					0	0	0	0
		C		15.01Y	125.1	0.00	0.93	22.88	0	343	24	100					0	0	0	41
PD.322-B	PD.322-A	A	Closed	15.04Y	125.3	0.00	0.69	33.90	0	509	36	100	0.00	0.0	2.731	0.000	0	0	0	82
		B		15.13Y	126.1	0.00	-0.08	0.00	0	0	0	100					0	0	0	0
		C		15.01Y	125.1	0.00	0.93	22.88	0	343	24	100					0	0	0	41
PL.26364	PD.322-B	A	1/0ACSR	15.04Y	125.3	0.00	0.69	33.90	10	509	36	100	0.01	0.0	2.740	0.008	0	0	0	82
		B		15.13Y	126.1	-0.00	-0.08	0.00	0	0	0	100					0	0	0	0
		C		15.01Y	125.1	0.00	0.93	22.88	7	343	24	100					0	0	0	41
PL.24693	PL.26364	A	1/0ACSR	15.04Y	125.3	0.02	0.71	33.49	10	502	35	100	0.12	0.0	2.812	0.072	0	0	0	81
		B		15.13Y	126.1	-0.01	-0.09	0.00	0	0	0	100					0	0	0	0
		C		15.01Y	125.0	0.02	0.96	22.88	7	342	24	100					0	0	0	41
433714	PL.24693	A	Consumer	15.04Y	125.3	0.00	0.71	0.23	0	3	0	100	0.00	0.0	2.812	0.000	3	0	1	1
PL.26365	PL.24693	A	1/0ACSR	15.03Y	125.3	0.02	0.73	32.58	10	489	34	100	0.16	0.0	2.915	0.103	0	0	0	79
		B		15.13Y	126.1	-0.01	-0.10	0.00	0	0	0	100					0	0	0	0
		C		15.00Y	125.0	0.03	0.99	22.88	7	342	24	100					0	0	0	41
PL.26366	PL.26365	A	1/0ACSR	15.03Y	125.3	0.01	0.74	31.72	10	476	33	100	0.07	0.0	2.961	0.046	0	0	0	77
		B		15.13Y	126.1	-0.00	-0.10	0.00	0	0	0	100					0	0	0	0
		C		15.00Y	125.0	0.01	1.00	22.88	7	342	24	100					0	0	0	41
PL.26367	PL.26366	A	1/0ACSR	15.03Y	125.2	0.02	0.76	31.45	10	472	33	100	0.14	0.0	3.057	0.096	0	0	0	75
		B		15.13Y	126.1	-0.01	-0.11	0.00	0	0	0	100					0	0	0	0
		C		15.00Y	125.0	0.03	1.03	22.88	7	342	24	100					0	0	0	41
PL.24694	PL.26367	A	4ACSR	15.03Y	125.2	0.00	0.76	0.84	0	13	1	100	0.00	0.0	3.111	0.053	0	0	0	3
PL.24695	PL.24694	A	4ACSR	15.03Y	125.2	-0.00	0.76	0.84	0	13	1	100	0.00	0.0	3.111	0.000	0	0	0	3
433717	PL.24695	A	Consumer	15.03Y	125.2	0.00	0.76	0.31	0	5	0	100	0.00	0.0	3.111	0.000	5	0	1	1
433709	PL.24695	A	Consumer	15.03Y	125.2	0.00	0.76	0.52	0	8	1	99	0.00	0.0	3.111	0.000	8	1	1	1
433711	PL.24695	A	Consumer	15.03Y	125.2	0.00	0.76	0.00	0	0	0	100	0.00	0.0	3.111	0.000	0	0	1	1

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Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.26368	PL.26367	A	1/0ACSR	15.02Y	125.2	0.04	0.80	30.27	9	454	32	100	0.29	0.0	3.262	0.205	0	0	0	71
		B		15.14Y	126.1	-0.02	-0.13	0.00	0	0	0	100					0	0	0	0
		C		14.99Y	124.9	0.06	1.09	22.88	7	342	24	100					0	0	0	41
PL.13327	PL.26368	C	4ACSR	14.99Y	124.9	0.00	1.10	22.88	12	342	24	100	0.01	0.0	3.268	0.006	0	0	0	41
C.PD.2645	PL.13327	C	25V4E	14.99Y	124.9	0.00	1.10	22.88	92	342	24	100	0.00	0.0	3.268	0.000	0	0	0	41 C
PL.13328	PD.2645	C	4ACSR	14.96Y	124.7	0.23	1.33	22.88	12	342	24	100	0.62	0.2	3.762	0.493	0	0	0	41
PL.13331	PL.13328	C	4ACSR	14.96Y	124.7	0.00	1.33	0.88	0	13	1	100	0.00	0.0	3.790	0.029	0	0	0	3
PD.1373	PL.13331	C	fuse6AMP	14.96Y	124.7	0.00	1.33	0.88	15	13	1	100	0.00	0.0	3.790	0.000	0	0	0	3
PL.13332	PD.1373	C	4ACSR	14.96Y	124.7	0.00	1.33	0.88	0	13	1	100	0.00	0.0	3.950	0.159	0	0	0	3
PL.13330	PL.13332	C	4ACSR	14.96Y	124.7	0.00	1.33	0.47	0	7	0	100	0.00	0.0	4.096	0.146	0	0	0	1
433705	PL.13330	C	Consumer	14.96Y	124.7	0.00	1.33	0.47	0	7	0	100	0.00	0.0	4.096	0.000	7	0	1	1
PL.1600	PL.13330	C	4ACSR	14.96Y	124.7	0.00	1.33	0.00	0	0	0	100	0.00	0.0	4.225	0.129	0	0	0	0
PL.1601	PL.13332	C	4ACSR	14.96Y	124.7	0.00	1.33	0.41	0	6	0	100	0.00	0.0	4.012	0.062	0	0	0	2
433712	PL.1601	C	Consumer	14.96Y	124.7	0.00	1.33	0.37	0	6	0	100	0.00	0.0	4.012	0.000	6	0	1	1
433713	PL.1601	C	Consumer	14.96Y	124.7	0.00	1.33	0.04	0	1	0	100	0.00	0.0	4.012	0.000	1	0	1	1
433704	PL.13328	C	Consumer	14.96Y	124.7	0.00	1.33	0.52	0	8	1	99	0.00	0.0	3.762	0.000	8	1	1	1
PL.13329	PL.13328	C	4ACSR	14.96Y	124.6	0.04	1.37	21.48	11	321	22	100	0.11	0.0	3.857	0.096	0	0	0	37
433706	PL.13329	C	Consumer	14.96Y	124.6	0.00	1.37	0.00	0	0	0	100	0.00	0.0	3.857	0.000	0	0	1	1
PL.24692	PL.13329	C	4ACSR	14.94Y	124.5	0.10	1.48	21.47	11	320	22	100	0.26	0.1	4.089	0.232	0	0	0	36
PL.13339	PL.24692	C	4ACSR	14.94Y	124.5	0.01	1.48	20.21	10	301	20	100	0.01	0.0	4.103	0.013	0	0	0	34
PD.321-A	PL.13339	C	Closed	14.94Y	124.5	0.00	1.48	20.21	0	301	20	100	0.00	0.0	4.103	0.000	0	0	0	34
PD.321-B	PD.321-A	C	Closed	14.94Y	124.5	0.00	1.48	20.21	0	301	20	100	0.00	0.0	4.103	0.000	0	0	0	34
PL.13340	PD.321-B	C	4ACSR	14.94Y	124.5	0.04	1.52	20.21	10	301	20	100	0.10	0.0	4.204	0.101	0	0	0	34
PL.1599	PL.13340	C	4ACSR	14.94Y	124.5	0.00	1.52	0.04	0	1	0	100	0.00	0.0	4.241	0.037	0	0	0	1
434729	PL.1599	C	Consumer	14.94Y	124.5	0.00	1.52	0.04	0	1	0	100	0.00	0.0	4.241	0.000	1	0	1	1
PL.13337	PL.13340	C	4ACSR	14.93Y	124.4	0.05	1.58	20.16	10	300	20	100	0.12	0.0	4.331	0.127	0	0	0	33
PL.13338	PL.13337	C	4ACSR	14.92Y	124.3	0.08	1.65	20.16	10	300	20	100	0.18	0.1	4.512	0.181	0	0	0	33
PL.24698	PL.13338	C	4ACSR	14.92Y	124.3	0.01	1.67	19.25	10	287	19	100	0.03	0.0	4.545	0.033	0	0	0	32
434709	PL.24698	C	Consumer	14.92Y	124.3	0.00	1.67	0.37	0	6	0	100	0.00	0.0	4.545	0.000	6	0	1	1
PL.13341	PL.24698	C	4ACSR	14.92Y	124.3	0.04	1.71	18.34	9	273	18	100	0.09	0.0	4.657	0.112	0	0	0	30
PL.13342	PL.13341	C	4ACSR	14.91Y	124.3	0.01	1.72	8.04	4	120	8	100	0.01	0.0	4.707	0.050	0	0	0	13
PL.13343	PL.13342	C	4ACSR	14.91Y	124.3	0.00	1.72	2.18	1	32	2	100	0.00	0.0	4.719	0.011	0	0	0	3
PL.6497	PL.13343	C	4ACSR	14.91Y	124.3	0.00	1.72	0.77	0	11	1	100	0.00	0.0	4.750	0.031	0	0	0	1
434715	PL.6497	C	Consumer	14.91Y	124.3	0.00	1.72	0.77	0	11	1	100	0.00	0.0	4.750	0.000	11	1	1	1
434707	PL.13343	C	Consumer	14.91Y	124.3	0.00	1.72	0.63	0	9	1	99	0.00	0.0	4.719	0.000	9	1	1	1
434735	PL.13343	C	Consumer	14.91Y	124.3	0.00	1.72	0.78	0	12	1	100	0.00	0.0	4.719	0.000	12	1	1	1
PL.21448	PL.13342	C	4ACSR	14.91Y	124.3	0.01	1.72	5.22	3	78	5	100	0.00	0.0	4.757	0.050	0	0	0	9
434732	PL.21448	C	Consumer	14.91Y	124.3	0.00	1.72	0.53	0	8	1	99	0.00	0.0	4.757	0.000	8	1	1	1
PL.23148	PL.21448	C	4ACSR	14.91Y	124.3	0.00	1.73	4.68	2	70	5	100	0.00	0.0	4.807	0.050	0	0	0	8

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.2418	PL.23148	C	4ACSR	14.91Y	124.3	0.00	1.73	0.32	0	5	0	100	0.00	0.0	4.853	0.047	0	0	0	1
434718	PL.2418	C	Consumer	14.91Y	124.3	0.00	1.73	0.32	0	5	0	100	0.00	0.0	4.853	0.000	5	0	1	1
PL.6498	PL.23148	C	4ACSR	14.91Y	124.3	0.00	1.73	4.05	2	60	4	100	0.00	0.0	4.856	0.049	0	0	0	6
434711	PL.6498	C	Consumer	14.91Y	124.3	0.00	1.73	0.73	0	11	1	100	0.00	0.0	4.856	0.000	11	1	1	1
434717	PL.6498	C	Consumer	14.91Y	124.3	0.00	1.73	0.83	0	12	1	100	0.00	0.0	4.856	0.000	12	1	1	1
PL.19491	PL.6498	C	4ACSR	14.91Y	124.3	0.00	1.73	2.50	1	37	2	100	0.00	0.0	4.892	0.036	0	0	0	4
PL.19492	PL.19491	C	4ACSR	14.91Y	124.3	0.00	1.73	1.36	1	20	1	100	0.00	0.0	4.948	0.056	0	0	0	2
434726	PL.19492	C	Consumer	14.91Y	124.3	0.00	1.73	0.71	0	11	1	100	0.00	0.0	4.948	0.000	11	1	1	1
434733	PL.19492	C	Consumer	14.91Y	124.3	0.00	1.73	0.64	0	10	1	100	0.00	0.0	4.948	0.000	10	1	1	1
434731	PL.19491	C	Consumer	14.91Y	124.3	0.00	1.73	0.16	0	2	0	100	0.00	0.0	4.892	0.000	2	0	1	1
434720	PL.19491	C	Consumer	14.91Y	124.3	0.00	1.73	0.98	0	15	1	100	0.00	0.0	4.892	0.000	15	1	1	1
434705	PL.23148	C	Consumer	14.91Y	124.3	0.00	1.73	0.31	0	5	0	100	0.00	0.0	4.807	0.000	5	0	1	1
PL.2422	PL.13342	C	4ACSR	14.91Y	124.3	0.00	1.72	0.65	0	10	1	100	0.00	0.0	4.729	0.022	0	0	0	1
434706	PL.2422	C	Consumer	14.91Y	124.3	0.00	1.72	0.65	0	10	1	100	0.00	0.0	4.729	0.000	10	1	1	1
PL.2421	PL.13341	C	4ACSR	14.91Y	124.3	0.01	1.72	8.75	5	130	9	100	0.01	0.0	4.715	0.058	0	0	0	14
434724	PL.2421	C	Consumer	14.91Y	124.3	0.00	1.72	0.33	0	5	0	100	0.00	0.0	4.715	0.000	5	0	1	1
434723	PL.2421	C	Consumer	14.91Y	124.3	0.00	1.72	0.79	0	12	1	100	0.00	0.0	4.715	0.000	12	1	1	1
434719	PL.2421	C	Consumer	14.91Y	124.3	0.00	1.72	0.53	0	8	1	99	0.00	0.0	4.715	0.000	8	1	1	1
PL.1597	PL.2421	C	4ACSR	14.91Y	124.3	0.01	1.73	7.11	4	106	7	100	0.01	0.0	4.786	0.071	0	0	0	11
PL.1598	PL.1597	C	4ACSR	14.91Y	124.3	0.00	1.73	2.71	1	40	3	100	0.00	0.0	4.826	0.040	0	0	0	4
PL.1604	PL.1598	C	4ACSR	14.91Y	124.3	0.00	1.73	0.62	0	9	1	99	0.00	0.0	4.890	0.064	0	0	0	1
434740	PL.1604	C	Consumer	14.91Y	124.3	0.00	1.73	0.62	0	9	1	99	0.00	0.0	4.890	0.000	9	1	1	1
PL.2425	PL.1598	C	4ACSR	14.91Y	124.3	0.00	1.73	0.78	0	12	1	100	0.00	0.0	4.842	0.017	0	0	0	1
PL.1596	PL.2425	C	4ACSR	14.91Y	124.3	0.00	1.73	0.78	0	12	1	100	0.00	0.0	4.862	0.019	0	0	0	1
434716	PL.1596	C	Consumer	14.91Y	124.3	0.00	1.73	0.78	0	12	1	100	0.00	0.0	4.862	0.000	12	1	1	1
434737	PL.1598	C	Consumer	14.91Y	124.3	0.00	1.73	0.75	0	11	1	100	0.00	0.0	4.826	0.000	11	1	1	1
434727	PL.1598	C	Consumer	14.91Y	124.3	0.00	1.73	0.55	0	8	1	99	0.00	0.0	4.826	0.000	8	1	1	1
4347044	PL.1598	C	Consumer	14.91Y	124.3	0.00	1.73	0.00	0	0	0	100	0.00	0.0	4.826	0.000	0	0	0	0
PL.19816	PL.1597	C	4ACSR	14.91Y	124.3	0.00	1.73	2.39	1	36	2	100	0.00	0.0	4.832	0.046	0	0	0	3
434728	PL.19816	C	Consumer	14.91Y	124.3	0.00	1.73	1.17	0	17	1	100	0.00	0.0	4.832	0.000	17	1	1	1
434721	PL.19816	C	Consumer	14.91Y	124.3	0.00	1.73	0.52	0	8	1	99	0.00	0.0	4.832	0.000	8	1	1	1
PL.19817	PL.19816	C	4ACSR	14.91Y	124.3	0.00	1.73	0.71	0	10	1	100	0.00	0.0	4.879	0.047	0	0	0	1
434739	PL.19817	C	Consumer	14.91Y	124.3	0.00	1.73	0.71	0	10	1	100	0.00	0.0	4.879	0.000	10	1	1	1
434730	PL.1597	C	Consumer	14.91Y	124.3	0.00	1.73	0.62	0	9	1	99	0.00	0.0	4.786	0.000	9	1	1	1
PL.24702	PL.1597	C	4ACSR	14.91Y	124.3	0.00	1.73	1.39	1	21	1	100	0.00	0.0	4.814	0.029	0	0	0	3
PL.24703	PL.24702	C	4ACSR	14.91Y	124.3	0.00	1.73	1.00	1	15	1	100	0.00	0.0	4.842	0.028	0	0	0	2
434741	PL.24703	C	Consumer	14.91Y	124.3	0.00	1.73	0.87	0	13	1	100	0.00	0.0	4.842	0.000	13	1	1	1
PL.24701	PL.24703	C	4ACSR	14.91Y	124.3	0.00	1.73	0.14	0	2	0	100	0.00	0.0	4.908	0.066	0	0	0	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
434722	PL.24701	C	Consumer	14.91Y	124.3	0.00	1.73	0.14	0	2	0	100	0.00	0.0	4.908	0.000	2	0	1	1
434742	PL.24702	C	Consumer	14.91Y	124.3	0.00	1.73	0.39	0	6	0	100	0.00	0.0	4.814	0.000	6	0	1	1
PL.27812	PL.13341	C	4ACSR	14.91Y	124.3	0.00	1.71	1.55	1	23	2	100	0.00	0.0	4.699	0.042	0	0	0	3
434714	PL.27812	C	Consumer	14.91Y	124.3	0.00	1.71	0.27	0	4	0	100	0.00	0.0	4.699	0.000	4	0	1	1
PL.27813	PL.27812	C	4ACSR	14.91Y	124.3	0.00	1.71	1.28	1	19	1	100	0.00	0.0	4.741	0.041	0	0	0	2
PL.2419	PL.27813	C	4ACSR	14.91Y	124.3	0.00	1.71	0.97	1	14	1	100	0.00	0.0	4.788	0.048	0	0	0	1
PL.2420	PL.2419	C	4ACSR	14.91Y	124.3	0.00	1.71	0.97	1	14	1	100	0.00	0.0	4.817	0.029	0	0	0	1
434713	PL.2420	C	Consumer	14.91Y	124.3	0.00	1.71	0.97	0	14	1	100	0.00	0.0	4.817	0.000	14	1	1	1
434708	PL.27813	C	Consumer	14.91Y	124.3	0.00	1.71	0.31	0	5	0	100	0.00	0.0	4.741	0.000	5	0	1	1
PL.44248	PL.24698	C	4ACSR	14.92Y	124.3	0.00	1.67	0.53	0	8	1	99	0.00	0.0	4.584	0.039	0	0	0	1
PL.44249	PL.44248	C	4ACSR	14.92Y	124.3	0.00	1.67	0.53	0	8	1	99	0.00	0.0	4.630	0.047	0	0	0	1
PL.2423	PL.44249	C	4ACSR	14.92Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	4.665	0.034	0	0	0	0
434734	PL.2423	C	Consumer	14.92Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	4.665	0.000	0	0	0	0
4347043	PL.44249	C	Consumer	14.92Y	124.3	0.00	1.67	0.00	0	0	0	100	0.00	0.0	4.630	0.000	0	0	0	0
434710	PL.44249	C	Consumer	14.92Y	124.3	0.00	1.67	0.53	0	8	1	99	0.00	0.0	4.630	0.000	8	1	1	1
434738	PL.13338	C	Consumer	14.92Y	124.3	0.00	1.65	0.91	0	14	1	100	0.00	0.0	4.512	0.000	14	1	1	1
PL.2424	PL.13337	C	4ACSR	14.93Y	124.4	0.00	1.58	0.00	0	0	0	100	0.00	0.0	4.416	0.086	0	0	0	0
434736	PL.24692	C	Consumer	14.94Y	124.5	0.00	1.48	0.22	0	3	0	100	0.00	0.0	4.089	0.000	3	0	1	1
434702	PL.24692	C	Consumer	14.94Y	124.5	0.00	1.48	1.05	0	16	1	100	0.00	0.0	4.089	0.000	16	1	1	1
PL.13325	PL.26368	A	4ACSR	15.02Y	125.2	0.00	0.80	30.27	16	454	31	100	0.01	0.0	3.268	0.006	0	0	0	71
C PD.2644	PL.13325	A	25V4E	15.02Y	125.2	0.00	0.80	30.27	121	454	31	100	0.00	0.0	3.268	0.000	0	0	0	71 C
PL.13326	PD.2644	A	4ACSR	15.02Y	125.2	0.04	0.84	30.27	16	454	31	100	0.14	0.0	3.334	0.066	0	0	0	71
433703	PL.13326	A	Consumer	15.02Y	125.2	0.00	0.84	0.56	0	8	1	99	0.00	0.0	3.334	0.000	8	1	1	1
PL.24697	PL.13326	A	4ACSR	15.01Y	125.1	0.08	0.92	29.71	15	445	31	100	0.28	0.1	3.469	0.135	0	0	0	70
PL.24696	PL.24697	A	4ACSR	15.00Y	125.0	0.09	1.02	29.71	15	445	30	100	0.32	0.1	3.619	0.150	0	0	0	69
PL.12575	PL.24696	A	4ACSR	15.00Y	125.0	0.02	1.03	23.46	12	351	24	100	0.05	0.0	3.659	0.040	0	0	0	57
PL.12576	PL.12575	A	4ACSR	14.99Y	124.9	0.03	1.06	23.46	12	351	24	100	0.08	0.0	3.716	0.057	0	0	0	57
PL.12577	PL.12576	A	4ACSR	14.99Y	124.9	0.02	1.08	22.54	12	337	23	100	0.04	0.0	3.752	0.036	0	0	0	55
433820	PL.12577	A	Consumer	14.99Y	124.9	0.00	1.08	0.57	0	8	1	99	0.00	0.0	3.752	0.000	8	1	1	1
PL.1605	PL.12577	A	4ACSR	14.99Y	124.9	0.00	1.08	0.72	0	11	1	100	0.00	0.0	3.829	0.077	0	0	0	1
433815	PL.1605	A	Consumer	14.99Y	124.9	0.00	1.08	0.72	0	11	1	100	0.00	0.0	3.829	0.000	11	1	1	1
PL.12574	PL.12577	A	4ACSR	14.99Y	124.9	0.04	1.12	21.25	11	318	22	100	0.11	0.0	3.853	0.101	0	0	0	53
433823	PL.12574	A	Consumer	14.99Y	124.9	0.00	1.12	1.01	0	15	1	100	0.00	0.0	3.853	0.000	15	1	1	1
PL.24707	PL.12574	A	4ACSR	14.98Y	124.9	0.02	1.14	20.24	10	303	21	100	0.04	0.0	3.896	0.043	0	0	0	52
PL.12581	PL.24707	A	4ACSR	14.98Y	124.8	0.06	1.21	20.24	10	303	21	100	0.15	0.0	4.048	0.152	0	0	0	52
C PD.1362	PL.12581	A	fuse6AMP	14.98Y	124.8	0.00	1.21	20.24	346	302	21	100	0.00	0.0	4.048	0.000	0	0	0	52 C
PL.12580	PD.1362	A	4ACSR	14.97Y	124.8	0.01	1.21	20.24	10	302	21	100	0.02	0.0	4.064	0.017	0	0	0	52
PL.23652	PL.12580	A	4ACSR	14.97Y	124.8	0.01	1.22	3.45	2	52	3	100	0.00	0.0	4.152	0.087	0	0	0	10

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.24705	PL.23652	A	4ACSR	14.97Y	124.8	0.01	1.22	3.45	2	52	3	100	0.00	0.0	4.225	0.073	0	0	0	10
433827	PL.24705	A	Consumer	14.97Y	124.8	0.00	1.22	0.26	0	4	0	100	0.00	0.0	4.225	0.000	4	0	1	1
PL.24706	PL.24705	A	4ACSR	14.97Y	124.8	0.00	1.23	3.19	2	48	3	100	0.00	0.0	4.270	0.045	0	0	0	9
PL.13383	PL.24706	A	4ACSR	14.97Y	124.8	0.01	1.24	3.19	2	48	3	100	0.01	0.0	4.485	0.216	0	0	0	9
PL.13387	PL.13383	A	4ACSR	14.97Y	124.8	0.01	1.25	2.15	1	32	2	100	0.00	0.0	4.641	0.155	0	0	0	5
PL.2413	PL.13387	A	4ACSR	14.97Y	124.8	0.00	1.25	1.19	1	18	1	100	0.00	0.0	4.700	0.059	0	0	0	2
PL.36562	PL.2413	A	2ACSR	14.97Y	124.8	0.00	1.25	0.65	0	10	1	100	0.00	0.0	4.731	0.031	0	0	0	1
4328023	PL.36562	A	Consumer	14.97Y	124.8	0.00	1.25	0.65	0	10	1	100	0.00	0.0	4.731	0.000	10	1	1	1
432820	PL.2413	A	Consumer	14.97Y	124.8	0.00	1.25	0.54	0	8	1	99	0.00	0.0	4.700	0.000	8	1	1	1
PL.13388	PL.13387	A	4ACSR	14.97Y	124.8	0.00	1.25	0.96	0	14	1	100	0.00	0.0	4.666	0.025	0	0	0	3
PL.13693	PL.13388	A	4ACSR	14.97Y	124.7	0.00	1.25	0.95	0	14	1	100	0.00	0.0	4.773	0.107	0	0	0	2
PL.13694	PL.13693	A	4ACSR	14.97Y	124.7	0.00	1.25	0.95	0	14	1	100	0.00	0.0	4.812	0.040	0	0	0	2
PL.24894	PL.13694	A	4ACSR	14.97Y	124.7	0.00	1.25	0.00	0	0	0	100	0.00	0.0	4.874	0.062	0	0	0	0
PL.13695	PL.13694	A	4ACSR	14.97Y	124.7	0.00	1.25	0.95	0	14	1	100	0.00	0.0	4.900	0.087	0	0	0	2
PL.6435	PL.13695	A	4ACSR	14.97Y	124.7	0.00	1.25	0.24	0	4	0	100	0.00	0.0	5.100	0.200	0	0	0	1
PL.6496	PL.6435	A	4ACSR	14.97Y	124.7	0.00	1.25	0.24	0	4	0	100	0.00	0.0	5.192	0.092	0	0	0	1
432818	PL.6496	A	Consumer	14.97Y	124.7	0.00	1.25	0.24	0	4	0	100	0.00	0.0	5.192	0.000	4	0	1	1
432817	PL.6435	A	Consumer	14.97Y	124.7	0.00	1.25	0.00	0	0	0	100	0.00	0.0	5.100	0.000	0	0	0	0
432821	PL.13695	A	Consumer	14.97Y	124.7	0.00	1.25	0.71	0	11	1	100	0.00	0.0	4.900	0.000	11	1	1	1
432807	PL.13388	A	Consumer	14.97Y	124.8	0.00	1.25	0.01	0	0	0	100	0.00	0.0	4.666	0.000	0	0	1	1
PL.24893	PL.13383	A	4ACSR	14.97Y	124.8	0.00	1.24	1.04	1	15	1	100	0.00	0.0	4.650	0.165	0	0	0	4
PL.24892	PL.24893	A	4ACSR	14.97Y	124.8	0.00	1.24	1.04	1	15	1	100	0.00	0.0	4.663	0.013	0	0	0	4
PL.20957	PL.24892	A	4ACSR	14.97Y	124.8	0.00	1.25	1.04	1	15	1	100	0.00	0.0	4.727	0.064	0	0	0	4
PL.1609	PL.20957	A	4ACSR	14.97Y	124.8	0.00	1.25	0.44	0	7	0	100	0.00	0.0	4.797	0.071	0	0	0	2
433826	PL.1609	A	Consumer	14.97Y	124.8	0.00	1.25	0.42	0	6	0	100	0.00	0.0	4.797	0.000	6	0	1	1
433813	PL.1609	A	Consumer	14.97Y	124.8	0.00	1.25	0.02	0	0	0	100	0.00	0.0	4.797	0.000	0	0	1	1
433829	PL.20957	A	Consumer	14.97Y	124.8	0.00	1.25	0.44	0	7	0	100	0.00	0.0	4.727	0.000	7	0	1	1
433818	PL.20957	A	Consumer	14.97Y	124.8	0.00	1.25	0.15	0	2	0	100	0.00	0.0	4.727	0.000	2	0	1	1
PL.13736	PL.12580	A	4ACSR	14.97Y	124.8	0.03	1.24	16.79	9	251	17	100	0.06	0.0	4.152	0.088	0	0	0	42
PD.318-A	PL.13736	A	Closed	14.97Y	124.8	0.00	1.24	16.79	0	251	17	100	0.00	0.0	4.152	0.000	0	0	0	42
PD.318-B	PD.318-A	A	Closed	14.97Y	124.8	0.00	1.24	16.79	0	251	17	100	0.00	0.0	4.152	0.000	0	0	0	42
PL.13735	PD.318-B	A	4ACSR	14.97Y	124.8	0.00	1.25	16.79	9	251	17	100	0.01	0.0	4.165	0.013	0	0	0	42
PL.6495	PL.13735	A	4ACSR	14.97Y	124.8	0.00	1.25	1.00	1	15	1	100	0.00	0.0	4.210	0.045	0	0	0	5
432802	PL.6495	A	Consumer	14.97Y	124.8	0.00	1.25	0.22	0	3	0	100	0.00	0.0	4.210	0.000	3	0	1	1
PL.13733	PL.6495	A	4ACSR	14.97Y	124.8	0.00	1.25	0.78	0	12	1	100	0.00	0.0	4.217	0.007	0	0	0	4
PD.1361	PL.13733	A	fuse6AMP	14.97Y	124.8	0.00	1.25	0.78	13	12	1	100	0.00	0.0	4.217	0.000	0	0	0	4
PL.13734	PD.1361	A	4ACSR	14.97Y	124.8	0.00	1.25	0.78	0	12	1	100	0.00	0.0	4.291	0.074	0	0	0	4
PL.2412	PL.13734	A	4ACSR	14.97Y	124.8	0.00	1.25	0.34	0	5	0	100	0.00	0.0	4.334	0.042	0	0	0	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
432813	PL.2412	A	Consumer	14.97Y	124.8	0.00	1.25	0.34	0	5	0	100	0.00	0.0	4.334	0.000	5	0	1	1
PL.12582	PL.13734	A	4ACSR	14.97Y	124.7	0.00	1.25	0.45	0	7	0	100	0.00	0.0	4.454	0.163	0	0	0	3
PL.6494	PL.12582	A	4ACSR	14.97Y	124.7	0.00	1.25	0.27	0	4	0	100	0.00	0.0	4.617	0.163	0	0	0	2
PL.13384	PL.6494	A	4ACSR	14.97Y	124.7	0.00	1.25	0.27	0	4	0	100	0.00	0.0	4.645	0.028	0	0	0	2
PL.13385	PL.13384	A	4ACSR	14.97Y	124.7	0.00	1.25	0.00	0	0	0	100	0.00	0.0	4.800	0.155	0	0	0	0
PL.13386	PL.13385	A	4ACSR	14.97Y	124.7	0.00	1.25	0.00	0	0	0	100	0.00	0.0	5.222	0.421	0	0	0	0
PL.2406	PL.13385	A	4ACSR	14.97Y	124.7	0.00	1.25	0.00	0	0	0	100	0.00	0.0	4.963	0.163	0	0	0	0
PL.2405	PL.13384	A	4ACSR	14.97Y	124.7	0.00	1.25	0.27	0	4	0	100	0.00	0.0	4.686	0.041	0	0	0	2
432705	PL.2405	A	Consumer	14.97Y	124.7	0.00	1.25	0.02	0	0	0	100	0.00	0.0	4.686	0.000	0	0	1	1
432702	PL.2405	A	Consumer	14.97Y	124.7	0.00	1.25	0.25	0	4	0	100	0.00	0.0	4.686	0.000	4	0	1	1
432801	PL.12582	A	Consumer	14.97Y	124.7	0.00	1.25	0.18	0	3	0	100	0.00	0.0	4.454	0.000	3	0	1	1
PL.6499	PL.13735	A	4ACSR	14.95Y	124.6	0.15	1.40	15.78	8	236	16	100	0.28	0.1	4.634	0.469	0	0	0	36
432812	PL.6499	A	Consumer	14.95Y	124.6	0.00	1.40	0.02	0	0	0	100	0.00	0.0	4.634	0.000	0	0	1	1
PL.21449	PL.6499	A	4ACSR	14.94Y	124.5	0.06	1.46	15.76	8	235	16	100	0.11	0.0	4.823	0.188	0	0	0	35
PL.21450	PL.21449	A	4ACSR	14.94Y	124.5	0.07	1.53	15.24	8	227	15	100	0.12	0.1	5.036	0.213	0	0	0	34
PL.13697	PL.21450	A	4ACSR	14.93Y	124.4	0.02	1.55	14.86	8	222	15	100	0.04	0.0	5.115	0.078	0	0	0	33
PL.24896	PL.13697	A	4ACSR	14.93Y	124.4	0.00	1.55	0.00	0	0	0	100	0.00	0.0	5.160	0.045	0	0	0	0
432918	PL.24896	A	Consumer	14.93Y	124.4	0.00	1.55	0.00	0	0	0	100	0.00	0.0	5.160	0.000	0	0	0	0
PL.13696	PL.13697	A	4ACSR	14.93Y	124.4	0.00	1.55	14.86	8	221	15	100	0.00	0.0	5.116	0.002	0	0	0	33
PL.6504	PL.13696	A	4ACSR	14.93Y	124.4	0.03	1.59	14.53	7	216	15	100	0.06	0.0	5.232	0.116	0	0	0	32
432910	PL.6504	A	Consumer	14.93Y	124.4	0.00	1.59	0.35	0	5	0	100	0.00	0.0	5.232	0.000	5	0	1	1
PL.13698	PL.6504	A	4ACSR	14.93Y	124.4	0.03	1.61	14.18	7	211	14	100	0.04	0.0	5.323	0.091	0	0	0	31
PL.24895	PL.13698	A	4ACSR	14.93Y	124.4	0.00	1.62	1.19	1	18	1	100	0.00	0.0	5.386	0.063	0	0	0	3
PL.20954	PL.24895	A	4ACSR	14.93Y	124.4	0.00	1.62	0.67	0	10	1	100	0.00	0.0	5.410	0.024	0	0	0	2
4329041	PL.20954	A	Consumer	14.93Y	124.4	0.00	1.62	0.02	0	0	0	100	0.00	0.0	5.410	0.000	0	0	1	1
432937	PL.20954	A	Consumer	14.93Y	124.4	0.00	1.62	0.65	0	10	1	100	0.00	0.0	5.410	0.000	10	1	1	1
432924	PL.24895	A	Consumer	14.93Y	124.4	0.00	1.62	0.52	0	8	1	99	0.00	0.0	5.386	0.000	8	1	1	1
PL.13699	PL.13698	A	4ACSR	14.92Y	124.4	0.03	1.64	12.99	7	193	13	100	0.04	0.0	5.418	0.095	0	0	0	28
PL.13700	PL.13699	A	4ACSR	14.92Y	124.4	0.00	1.65	2.49	1	37	2	100	0.00	0.0	5.511	0.093	0	0	0	6
PL.21451	PL.13700	A	4ACSR	14.92Y	124.4	0.00	1.65	1.05	1	16	1	100	0.00	0.0	5.524	0.013	0	0	0	1
PD.1368	PL.21451	A	fuse6AMP	14.92Y	124.4	0.00	1.65	1.05	18	16	1	100	0.00	0.0	5.524	0.000	0	0	0	1
PL.21452	PD.1368	A	4ACSR	14.92Y	124.4	0.00	1.65	1.05	1	16	1	100	0.00	0.0	5.558	0.034	0	0	0	1
432933	PL.21452	A	Consumer	14.92Y	124.4	0.00	1.65	1.05	0	16	1	100	0.00	0.0	5.558	0.000	16	1	1	1
PL.13701	PL.13700	A	4ACSR	14.92Y	124.3	0.01	1.65	1.07	1	16	1	100	0.00	0.0	5.858	0.347	0	0	0	2
PL.13792	PL.13701	A	4ACSR	14.92Y	124.3	0.00	1.66	1.07	1	16	1	100	0.00	0.0	6.037	0.179	0	0	0	1
432932	PL.13792	A	Consumer	14.92Y	124.3	0.00	1.66	1.07	0	16	1	100	0.00	0.0	6.037	0.000	16	1	1	1
PL.13793	PL.13792	A	4ACSR	14.92Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	6.038	0.001	0	0	0	0
432927	PL.13701	A	Consumer	14.92Y	124.3	0.00	1.65	0.00	0	0	0	100	0.00	0.0	5.858	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a sub-header for units displayed in volts and base voltage.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW		Cons		
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss			Cons On	Cons Thru			
PL.23149	PL.20801	A	4ACSR	14.90Y	124.2	0.00	1.80	1.90	1	28	2	100	0.00	0.0	6.686	0.016	0	0	0	3
PL.24891	PL.23149	A	4ACSR	14.90Y	124.2	0.00	1.81	1.90	1	28	2	100	0.00	0.0	6.750	0.064	0	0	0	3
PL.21430	PL.24891	A	4ACSR	14.90Y	124.2	0.00	1.81	0.69	0	10	1	100	0.00	0.0	6.823	0.073	0	0	0	1
PL.21431	PL.21430	A	4ACSR	14.90Y	124.2	0.00	1.81	0.69	0	10	1	100	0.00	0.0	6.898	0.076	0	0	0	1
431909	PL.21431	A	Consumer	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	6.898	0.000	0	0	0	0
PL.21432	PL.21431	A	4ACSR	14.90Y	124.2	0.00	1.81	0.69	0	10	1	100	0.00	0.0	6.939	0.040	0	0	0	1
431914	PL.21432	A	Consumer	14.90Y	124.2	0.00	1.81	0.69	0	10	1	100	0.00	0.0	6.939	0.000	10	1	1	1
PL.20956	PL.21430	A	4ACSR	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	6.874	0.051	0	0	0	0
431912	PL.20956	A	Consumer	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	6.874	0.000	0	0	0	0
PL.39346	PL.24891	A	2ACSR	14.90Y	124.2	0.00	1.81	1.22	0	18	1	100	0.00	0.0	6.770	0.020	0	0	0	2
431907	PL.39346	A	Consumer	14.90Y	124.2	0.00	1.81	0.95	0	14	1	100	0.00	0.0	6.770	0.000	14	1	1	1
431910	PL.39346	A	Consumer	14.90Y	124.2	0.00	1.81	0.27	0	4	0	100	0.00	0.0	6.770	0.000	4	0	1	1
431908	PL.20801	A	Consumer	14.90Y	124.2	0.00	1.80	0.45	0	7	0	100	0.00	0.0	6.669	0.000	7	0	1	1
PL.40855	PL.13706	A	4ACSR	14.90Y	124.2	0.00	1.80	0.75	0	11	1	100	0.00	0.0	6.599	0.003	0	0	0	3
PD.1369	PL.40855	A	fuse6AMP	14.90Y	124.2	0.00	1.80	0.75	13	11	1	100	0.00	0.0	6.599	0.000	0	0	0	3
PL.40858	PD.1369	A	4ACSR	14.90Y	124.2	0.00	1.80	0.75	0	11	1	100	0.00	0.0	6.605	0.005	0	0	0	3
PL.40857	PL.40858	A	2ACSR	14.90Y	124.2	0.00	1.80	0.44	0	6	0	100	0.00	0.0	6.654	0.049	0	0	0	1
4319015	PL.40857	A	Consumer	14.90Y	124.2	0.00	1.80	0.44	0	6	0	100	0.00	0.0	6.654	0.000	6	0	1	1
PL.40859	PL.40858	A	4ACSR	14.90Y	124.2	0.00	1.80	0.31	0	5	0	100	0.00	0.0	6.614	0.009	0	0	0	2
PL.13249	PL.40859	A	4ACSR	14.90Y	124.2	0.00	1.80	0.31	0	5	0	100	0.00	0.0	6.867	0.253	0	0	0	2
PL.6503	PL.13249	A	4ACSR	14.90Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	7.077	0.210	0	0	0	1
431905	PL.6503	A	Consumer	14.90Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	7.077	0.000	0	0	1	1
431901	PL.13249	A	Consumer	14.90Y	124.2	0.00	1.80	0.31	0	5	0	100	0.00	0.0	6.867	0.000	5	0	1	1
432911	PL.13702	A	Consumer	14.91Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	5.952	0.000	0	0	1	1
PL.2417	PL.13703	A	4ACSR	14.91Y	124.3	0.00	1.74	1.73	1	26	2	100	0.00	0.0	5.967	0.044	0	0	0	2
432912	PL.2417	A	Consumer	14.91Y	124.3	0.00	1.74	1.44	0	21	1	100	0.00	0.0	5.967	0.000	21	1	1	1
432926	PL.2417	A	Consumer	14.91Y	124.3	0.00	1.74	0.29	0	4	0	100	0.00	0.0	5.967	0.000	4	0	1	1
PL.6500	PL.23653	A	4ACSR	14.92Y	124.3	0.00	1.66	0.56	0	8	1	99	0.00	0.0	5.685	0.181	0	0	0	2
PL.6501	PL.6500	A	4ACSR	14.92Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	5.752	0.067	0	0	0	1
PL.2414	PL.6501	A	4ACSR	14.92Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	5.808	0.056	0	0	0	1
432913	PL.2414	A	Consumer	14.92Y	124.3	0.00	1.66	0.00	0	0	0	100	0.00	0.0	5.808	0.000	0	0	1	1
432907	PL.6500	A	Consumer	14.92Y	124.3	0.00	1.66	0.56	0	8	1	99	0.00	0.0	5.685	0.000	8	1	1	1
432928	PL.13696	A	Consumer	14.93Y	124.4	0.00	1.55	0.34	0	5	0	100	0.00	0.0	5.116	0.000	5	0	1	1
PL.2416	PL.21450	A	4ACSR	14.94Y	124.5	0.00	1.53	0.38	0	6	0	100	0.00	0.0	5.161	0.125	0	0	0	1
432939	PL.2416	A	Consumer	14.94Y	124.5	0.00	1.53	0.38	0	6	0	100	0.00	0.0	5.161	0.000	6	0	1	1
4329042	PL.2416	A	Consumer	14.94Y	124.5	0.00	1.53	0.00	0	0	0	100	0.00	0.0	5.161	0.000	0	0	0	0
PL.20952	PL.21449	A	4ACSR	14.94Y	124.5	0.00	1.46	0.51	0	8	1	99	0.00	0.0	4.867	0.045	0	0	0	1
432809	PL.20952	A	Consumer	14.94Y	124.5	0.00	1.46	0.51	0	8	1	99	0.00	0.0	4.867	0.000	8	1	1	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
432814	PL.13735	A	Consumer	14.97Y	124.8	0.00	1.25	0.01	0	0	0	100	0.00	0.0	4.165	0.000	0	0	1	1
PL.43230	PL.12576	A	2ACSR	14.99Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	3.819	0.103	0	0	0	0
4328022	PL.43230	A	Consumer	14.99Y	124.9	0.00	1.06	0.00	0	0	0	100	0.00	0.0	3.819	0.000	0	0	0	0
433831	PL.12576	A	Consumer	14.99Y	124.9	0.00	1.06	0.62	0	9	1	99	0.00	0.0	3.716	0.000	9	1	1	1
433808	PL.12576	A	Consumer	14.99Y	124.9	0.00	1.06	0.31	0	5	0	100	0.00	0.0	3.716	0.000	5	0	1	1
PL.13333	PL.24696	A	4ACSR	15.00Y	125.0	0.01	1.02	6.24	3	93	6	100	0.00	0.0	3.667	0.048	0	0	0	12
433830	PL.13333	A	Consumer	15.00Y	125.0	0.00	1.02	0.96	0	14	1	100	0.00	0.0	3.667	0.000	14	1	1	1
PL.13334	PL.13333	A	4ACSR	15.00Y	125.0	0.00	1.02	5.28	3	79	5	100	0.00	0.0	3.671	0.005	0	0	0	11
PL.13335	PL.13334	A	4ACSR	15.00Y	125.0	0.00	1.02	5.28	3	79	5	100	0.00	0.0	3.674	0.003	0	0	0	11
C PD.1371	PL.13335	A	fuse6AMP	15.00Y	125.0	0.00	1.02	5.28	90	79	5	100	0.00	0.0	3.674	0.000	0	0	0	11 C
PL.21046	PD.1371	A	4ACSR	15.00Y	125.0	0.01	1.03	5.28	3	79	5	100	0.00	0.0	3.727	0.053	0	0	0	11
PL.21047	PL.21046	A	4ACSR	15.00Y	125.0	0.01	1.04	4.81	2	72	5	100	0.00	0.0	3.798	0.071	0	0	0	10
PL.1608	PL.21047	A	4ACSR	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	3.862	0.065	0	0	0	0
433821	PL.1608	A	Consumer	15.00Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	3.862	0.000	0	0	0	0
PL.13336	PL.21047	A	4ACSR	14.99Y	125.0	0.01	1.04	4.18	2	63	4	100	0.00	0.0	3.881	0.083	0	0	0	9
433809	PL.13336	A	Consumer	14.99Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	3.881	0.000	0	0	0	0
433802	PL.13336	A	Consumer	14.99Y	125.0	0.00	1.04	0.00	0	0	0	100	0.00	0.0	3.881	0.000	0	0	0	0
PL.12571	PL.13336	A	4ACSR	14.99Y	124.9	0.03	1.07	4.18	2	63	4	100	0.01	0.0	4.231	0.351	0	0	0	9
PL.12572	PL.12571	A	4ACSR	14.99Y	124.9	0.01	1.08	2.89	1	43	3	100	0.00	0.0	4.431	0.199	0	0	0	7
PL.12573	PL.12572	A	4ACSR	14.99Y	124.9	0.00	1.09	2.72	1	41	3	100	0.00	0.0	4.499	0.069	0	0	0	5
PL.24704	PL.12573	A	4ACSR	14.99Y	124.9	0.01	1.09	2.09	1	31	2	100	0.00	0.0	4.639	0.139	0	0	0	3
433806	PL.24704	A	Consumer	14.99Y	124.9	0.00	1.09	0.77	0	11	1	100	0.00	0.0	4.639	0.000	11	1	1	1
PL.12578	PL.24704	A	4ACSR	14.99Y	124.9	0.00	1.10	1.32	1	20	1	100	0.00	0.0	4.710	0.071	0	0	0	2
PL.12579	PL.12578	A	4ACSR	14.99Y	124.9	0.00	1.10	0.64	0	10	1	100	0.00	0.0	4.910	0.200	0	0	0	1
433807	PL.12579	A	Consumer	14.99Y	124.9	0.00	1.10	0.64	0	10	1	100	0.00	0.0	4.910	0.000	10	1	1	1
PL.1610	PL.12578	A	4ACSR	14.99Y	124.9	0.00	1.10	0.68	0	10	1	100	0.00	0.0	4.783	0.073	0	0	0	1
433828	PL.1610	A	Consumer	14.99Y	124.9	0.00	1.10	0.68	0	10	1	100	0.00	0.0	4.783	0.000	10	1	1	1
PL.45668	PL.1610	A	2ACSR	14.99Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	4.990	0.207	0	0	0	0
4338033	PL.45668	A	Consumer	14.99Y	124.9	0.00	1.10	0.00	0	0	0	100	0.00	0.0	4.990	0.000	0	0	0	0
433814	PL.12573	A	Consumer	14.99Y	124.9	0.00	1.09	0.02	0	0	0	100	0.00	0.0	4.499	0.000	0	0	1	1
433816	PL.12573	A	Consumer	14.99Y	124.9	0.00	1.09	0.61	0	9	1	99	0.00	0.0	4.499	0.000	9	1	1	1
PL.1607	PL.12572	A	4ACSR	14.99Y	124.9	0.00	1.08	0.17	0	3	0	100	0.00	0.0	4.484	0.053	0	0	0	2
433822	PL.1607	A	Consumer	14.99Y	124.9	0.00	1.08	0.03	0	1	0	100	0.00	0.0	4.484	0.000	1	0	1	1
433805	PL.1607	A	Consumer	14.99Y	124.9	0.00	1.08	0.14	0	2	0	100	0.00	0.0	4.484	0.000	2	0	1	1
433825	PL.12571	A	Consumer	14.99Y	124.9	0.00	1.07	0.78	0	12	1	100	0.00	0.0	4.231	0.000	12	1	1	1
PL.1606	PL.12571	A	4ACSR	14.99Y	124.9	0.00	1.07	0.51	0	8	1	99	0.00	0.0	4.325	0.094	0	0	0	1
433803	PL.1606	A	Consumer	14.99Y	124.9	0.00	1.07	0.51	0	8	1	99	0.00	0.0	4.325	0.000	8	1	1	1
PL.37632	PL.21047	A	2ACSR	15.00Y	125.0	0.00	1.04	0.63	0	9	1	99	0.00	0.0	3.887	0.090	0	0	0	1

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
4338032	PL.37632	A	Consumer	15.00Y	125.0	0.00	1.04	0.63	0	9	1	99	0.00	0.0	3.887	0.000	9	1	1	1
433817	PL.21046	A	Consumer	15.00Y	125.0	0.00	1.03	0.47	0	7	0	100	0.00	0.0	3.727	0.000	7	0	1	1
433716	PL.24697	A	Consumer	15.01Y	125.1	0.00	0.92	0.01	0	0	0	100	0.00	0.0	3.469	0.000	0	0	1	1
433710	PL.24697	A	Consumer	15.01Y	125.1	0.00	0.92	0.00	0	0	0	100	0.00	0.0	3.469	0.000	0	0	0	0
433701	PL.26367	A	Consumer	15.03Y	125.2	0.00	0.76	0.34	0	5	0	100	0.00	0.0	3.057	0.000	5	0	1	1
4337021	PL.26366	A	Consumer	15.03Y	125.3	0.00	0.74	0.02	0	0	0	100	0.00	0.0	2.961	0.000	0	0	1	1
433718	PL.26366	A	Consumer	15.03Y	125.3	0.00	0.74	0.24	0	4	0	100	0.00	0.0	2.961	0.000	4	0	1	1
433720	PL.26365	A	Consumer	15.03Y	125.3	0.00	0.73	0.54	0	8	1	99	0.00	0.0	2.915	0.000	8	1	1	1
433719	PL.26365	A	Consumer	15.03Y	125.3	0.00	0.73	0.32	0	5	0	100	0.00	0.0	2.915	0.000	5	0	1	1
PL.40785	PL.24693	A	2ACSR	15.04Y	125.3	0.00	0.71	0.68	0	10	1	100	0.00	0.0	2.859	0.048	0	0	0	1
4337022	PL.40785	A	Consumer	15.04Y	125.3	0.00	0.71	0.68	0	10	1	100	0.00	0.0	2.859	0.000	10	1	1	1
433715	PL.26364	A	Consumer	15.04Y	125.3	0.00	0.69	0.41	0	6	0	100	0.00	0.0	2.740	0.000	6	0	1	1
PL.26361	PL.45723	A	1/0ACSR	15.08Y	125.7	0.00	0.32	0.06	0	1	0	100	0.00	0.0	1.104	0.016	0	0	0	0
		B		15.11Y	125.9	0.00	0.09	0.06	0	1	0	90					0	0	0	0
		C		15.07Y	125.6	0.00	0.42	0.06	0	1	0	90					0	0	0	0
PD.320-A	PL.26361	A	Closed	15.08Y	125.7	0.00	0.32	0.06	0	1	0	100	0.00	0.0	1.104	0.000	0	0	0	0
		B		15.11Y	125.9	0.00	0.09	0.06	0	1	0	90					0	0	0	0
		C		15.07Y	125.6	0.00	0.42	0.06	0	1	0	90					0	0	0	0
PD.320-B	PD.320-A	A	Closed	15.08Y	125.7	0.00	0.32	0.06	0	1	0	100	0.00	0.0	1.104	0.000	0	0	0	0
		B		15.11Y	125.9	0.00	0.09	0.06	0	1	0	90					0	0	0	0
		C		15.07Y	125.6	0.00	0.42	0.06	0	1	0	90					0	0	0	0
PL.26362	PD.320-B	A	1/0ACSR	15.08Y	125.7	0.00	0.32	0.06	0	1	0	100	0.00	0.0	1.148	0.044	0	0	0	0
		B		15.11Y	125.9	0.00	0.09	0.06	0	1	0	90					0	0	0	0
		C		15.07Y	125.6	0.00	0.42	0.06	0	1	0	90					0	0	0	0
433602	PL.26362	A	Consumer	15.08Y	125.7	0.00	0.32	0.06	0	1	0	100	0.00	0.0	1.148	0.000	1	0	0	0
		B		15.11Y	125.9	0.00	0.09	0.06	0	1	0	90					1	0	0	0
		C		15.07Y	125.6	0.00	0.42	0.06	0	1	0	90					1	0	0	0
4336005	PL.42267	A	Consumer	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	1.009	0.000	0	0	0	0
		B		15.11Y	125.9	0.00	0.10	0.00	0	0	0	100					0	0	0	0
		C		15.07Y	125.6	0.00	0.40	0.00	0	0	0	100					0	0	0	0
433601	PL.24699	A	Consumer	15.09Y	125.7	0.00	0.25	0.00	0	0	0	100	0.00	0.0	0.785	0.000	0	0	1	1
LMS#1	PL.24699	A	Node	15.09Y	125.7	0.00	0.25	17.54	0	225	139	85	0.00	0.0	0.785	0.000	225	139	0	0
		B		15.11Y	125.9	0.00	0.11	17.52	0	225	139	85					225	139	0	0
		C		15.08Y	125.7	0.00	0.32	17.55	0	225	139	85					225	139	0	0
PL.42968	PL.42967	A	336ACSR	15.11Y	125.9	0.00	0.05	0.00	0	0	0	100	0.00	0.0	0.229	0.005	0	0	0	0
		B		15.12Y	126.0	0.00	0.03	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.08	0.00	0	0	0	100					0	0	0	0
PD.331-B	PL.42968	A	Open	15.11Y	125.9	0.00	0.05	0.00	0	0	0	100	0.00	0.0	0.229	0.000	0	0	0	0
		B		15.12Y	126.0	0.00	0.03	0.00	0	0	0	100					0	0	0	0
		C		15.11Y	125.9	0.00	0.08	0.00	0	0	0	100					0	0	0	0
PL.29220	HINKSTON	A	397ACSR	15.12Y	126.0	0.00	0.00	8.98	1	125	53	92	0.00	0.0	0.002	0.002	0	0	0	1
		B		15.12Y	126.0	0.00	0.00	12.56	2	174	77	91					0	0	0	5
		C		15.12Y	126.0	0.00	0.00	8.98	1	125	53	92					0	0	0	1
PL.42353	PL.29220	A	336ACSR	15.12Y	126.0	0.00	0.00	8.98	1	125	53	92	0.00	0.0	0.032	0.030	0	0	0	1
		B		15.12Y	126.0	0.00	0.00	12.56	2	174	77	91					0	0	0	5
		C		15.12Y	126.0	0.00	0.00	8.98	1	125	53	92					0	0	0	1
PL.42649	PL.42353	A	336ACSR	15.12Y	126.0	0.00	0.00	8.98	1	125	53	92	0.00	0.0	0.038	0.006	0	0	0	1
		B		15.12Y	126.0	0.00	0.00	12.56	2	174	77	91					0	0	0	5
		C		15.12Y	126.0	0.00	0.00	8.98	1	125	53	92					0	0	0	1

----- Feeder No. 4 (HINKSTON4) Beginning with Device PD.8108 -----

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 1 (HINKSTON1) beginning with Device PD.8111.

Unbalanced Voltage Drop Report
Source: HINKSTON

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	-----KW	-----KVAR						
PD.2742-A	PL.42656	A	Closed	15.12Y	126.0	0.00	0.00	5.33	0	76	26	95	0.00	0.0	0.071	0.000	0	0	0	3		
		B		15.12Y	126.0	0.00	0.00	5.33	0	76	26	95					0	0	0	2		
		C		15.12Y	126.0	0.00	0.00	5.33	0	76	26	95					0	0	0	2		
PD.2742-B	PD.2742-A	A	Closed	15.12Y	126.0	0.00	0.00	5.33	0	76	26	95	0.00	0.0	0.071	0.000	0	0	0	3		
		B		15.12Y	126.0	0.00	0.00	5.33	0	76	26	95					0	0	0	2		
		C		15.12Y	126.0	0.00	0.00	5.33	0	76	26	95					0	0	0	2		
PL.21880	PD.2742-B	A	1/0ACSR	15.12Y	126.0	0.00	0.00	5.33	2	76	26	95	0.00	0.0	0.110	0.039	0	0	0	3		
		B		15.12Y	126.0	0.00	0.00	5.33	2	76	26	95					0	0	0	2		
		C		15.12Y	126.0	0.00	0.00	5.33	2	76	26	95					0	0	0	2		
PL.20771	PL.21880	A	1/0ACSR	15.12Y	126.0	0.00	0.01	4.68	1	67	22	95	0.00	0.0	0.154	0.044	0	0	0	2		
		B		15.12Y	126.0	0.00	0.01	4.68	1	67	22	95					0	0	0	1		
		C		15.12Y	126.0	0.00	0.01	4.68	1	67	22	95					0	0	0	1		
PL.20772	PL.20771	A	1/0ACSR	15.12Y	126.0	0.00	0.01	4.51	1	65	21	95	0.00	0.0	0.195	0.041	0	0	0	2		
		B		15.12Y	126.0	0.00	0.01	4.51	1	65	21	95					0	0	0	1		
		C		15.12Y	126.0	0.00	0.01	4.51	1	65	21	95					0	0	0	1		
PL.28393	PL.20772	A	1/0ACSR	15.12Y	126.0	0.00	0.01	0.33	0	5	2	93	0.00	0.0	0.248	0.053	0	0	0	1		
		B		15.12Y	126.0	0.00	0.01	0.33	0	5	2	90					0	0	0	0		
		C		15.12Y	126.0	0.00	0.01	0.33	0	5	2	90					0	0	0	0		
433517	PL.28393	A	Consumer	15.12Y	126.0	0.00	0.01	0.33	0	5	2	93	0.00	0.0	0.248	0.000	5	2	0	0		
		B		15.12Y	126.0	0.00	0.01	0.33	0	5	2	90					5	2	0	0		
		C		15.12Y	126.0	0.00	0.01	0.33	0	5	2	90					5	2	0	0		
PL.21436	PL.28393	A	4ACSR	15.12Y	126.0	0.00	0.01	0.00	0	0	100	0.00	0.0	0.281	0.033	0	0	0	1			
PL.21437	PL.21436	A	4ACSR	15.12Y	126.0	0.00	0.01	0.00	0	0	100	0.00	0.0	0.402	0.121	0	0	0	1			
433528	PL.21437	A	Consumer	15.12Y	126.0	0.00	0.01	0.00	0	0	100	0.00	0.0	0.402	0.000	0	0	1	1			
PL.2263	PL.20772	A	1/0ACSR	15.12Y	126.0	0.00	0.01	4.18	1	60	19	95	0.00	0.0	0.229	0.034	0	0	0	0		
		B		15.12Y	126.0	0.00	0.01	4.18	1	60	19	96					0	0	0	0		
		C		15.12Y	126.0	0.00	0.01	4.18	1	60	19	96					0	0	0	0		
433516	PL.2263	A	Consumer	15.12Y	126.0	0.00	0.01	4.18	0	60	19	95	0.00	0.0	0.229	0.000	60	19	0	0		
		B		15.12Y	126.0	0.00	0.01	4.18	0	60	19	96					60	19	0	0		
		C		15.12Y	126.0	0.00	0.01	4.18	0	60	19	96					60	19	0	0		
PL.40938	PL.20771	B	2ACSR	15.12Y	126.0	0.00	0.01	0.00	0	0	100	0.00	0.0	0.163	0.010	0	0	0	0			
PD.7298	PL.40938	B	fuse6AMP	15.12Y	126.0	0.00	0.01	0.00	0	0	100	0.00	0.0	0.163	0.000	0	0	0	0			
PL.40939	PD.7298	B	2ACSR	15.12Y	126.0	0.00	0.01	0.00	0	0	100	0.00	0.0	0.172	0.009	0	0	0	0			
4335143	PL.40939	B	Consumer	15.12Y	126.0	0.00	0.01	0.00	0	0	100	0.00	0.0	0.172	0.000	0	0	0	0			
433522	PL.20771	A	Consumer	15.12Y	126.0	0.00	0.01	0.17	0	2	1	89	0.00	0.0	0.154	0.000	2	1	0	0		
		B		15.12Y	126.0	0.00	0.01	0.17	0	2	1	90					2	1	0	0		
		C		15.12Y	126.0	0.00	0.01	0.17	0	2	1	90					2	1	0	0		
PL.28298	PL.21880	A	1/0ACSR	15.12Y	126.0	0.00	0.01	0.66	0	9	4	91	0.00	0.0	0.180	0.070	0	0	0	1		
		B		15.12Y	126.0	0.00	0.01	0.66	0	9	4	90					0	0	0	1		
		C		15.12Y	126.0	0.00	0.01	0.66	0	9	4	90					0	0	0	1		
PL.28299	PL.28298	A	1/0ACSR	15.12Y	126.0	0.00	0.01	0.66	0	9	4	91	0.00	0.0	0.220	0.040	0	0	0	1		
		B		15.12Y	126.0	0.00	0.01	0.66	0	9	4	90					0	0	0	1		
		C		15.12Y	126.0	0.00	0.01	0.66	0	9	4	90					0	0	0	1		
433583	PL.28299	A	Consumer	15.12Y	126.0	0.00	0.01	0.40	0	5	3	86	0.00	0.0	0.220	0.000	5	3	0	0		
		B		15.12Y	126.0	0.00	0.01	0.40	0	5	3	90					5	3	0	0		
		C		15.12Y	126.0	0.00	0.01	0.40	0	5	3	90					5	3	0	0		
433599	PL.28299	A	Consumer	15.12Y	126.0	0.00	0.01	0.26	0	3	2	83	0.00	0.0	0.220	0.000	3	2	0	0		
		B		15.12Y	126.0	0.00	0.01	0.26	0	3	2	90					3	2	0	0		
		C		15.12Y	126.0	0.00	0.01	0.26	0	3	2	90					3	2	0	0		

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

	Load	Adjustment	Capacitance	Charging	Gen&Motors	Loops&Metas	Losses	No Load	Losses	Total
KW	4758	0	0	0	0	0	18	0.00		4775
KVAR	1417	0	0	-26	0	0	20			1411

Lowest Voltage Highest Accumulated Voltage Drop Highest Element Voltage Drop

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, Thru Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, Element KVAR, Cons On, Cons Thru. Includes a section for Feeder No. 3 (HOPE3) beginning with device PD.3910.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.26929, PL.11481, PL.11482, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.12833	PD.2661	A	4ACSR	15.12Y	126.0	0.00	0.02	5.31	3	80	9	99	0.00	0.0	0.865	0.038	0	0	0	24
PL.26926	PL.12833	A	4ACSR	15.11Y	126.0	0.03	0.04	5.31	3	80	9	99	0.02	0.0	1.121	0.256	0	0	0	24
PL.26931	PL.26926	A	4ACSR	15.11Y	125.9	0.01	0.05	5.31	3	80	9	99	0.01	0.0	1.219	0.098	0	0	0	24
PL.6472	PL.26931	A	4ACSR	15.11Y	125.9	0.00	0.05	0.00	0	0	0	100	0.00	0.0	1.219	0.000	0	0	0	0
448406	PL.26931	A	Consumer	15.11Y	125.9	0.00	0.05	0.00	0	0	0	100	0.00	0.0	1.219	0.000	0	0	0	0
448402	PL.26931	A	Consumer	15.11Y	125.9	0.00	0.05	0.10	0	1	0	100	0.00	0.0	1.219	0.000	1	0	1	1
448407	PL.26931	A	Consumer	15.11Y	125.9	0.00	0.05	0.27	0	4	0	100	0.00	0.0	1.219	0.000	4	0	1	1
553102	PL.26931	A	Consumer	15.11Y	125.9	0.00	0.05	0.28	0	4	0	100	0.00	0.0	1.219	0.000	4	0	1	1
PL.6473	PL.26931	A	4ACSR	15.11Y	125.9	0.00	0.06	1.13	1	17	2	99	0.00	0.0	1.244	0.025	0	0	0	2
PL.2785	PL.6473	A	4ACSR	15.11Y	125.9	0.00	0.06	1.13	1	17	2	99	0.00	0.0	1.262	0.017	0	0	0	2
553103	PL.2785	A	Consumer	15.11Y	125.9	0.00	0.06	0.61	0	9	1	99	0.00	0.0	1.262	0.000	9	1	1	1
553104	PL.2785	A	Consumer	15.11Y	125.9	0.00	0.06	0.00	0	0	0	100	0.00	0.0	1.262	0.000	0	0	0	0
PL.2788	PL.2785	A	4ACSR	15.11Y	125.9	0.00	0.06	0.52	0	8	1	99	0.00	0.0	1.309	0.047	0	0	0	1
554102	PL.2788	A	Consumer	15.11Y	125.9	0.00	0.06	0.52	0	8	1	99	0.00	0.0	1.309	0.000	8	1	1	1
PL.26932	PL.26931	A	4ACSR	15.11Y	125.9	0.01	0.06	3.53	2	53	6	99	0.00	0.0	1.301	0.082	0	0	0	19
PL.2786	PL.26932	A	4ACSR	15.11Y	125.9	0.00	0.06	0.03	0	0	0	100	0.00	0.0	1.361	0.060	0	0	0	1
448408	PL.2786	A	Consumer	15.11Y	125.9	0.00	0.06	0.03	0	0	0	100	0.00	0.0	1.361	0.000	0	0	1	1
PL.26930	PL.26932	A	4ACSR	15.11Y	125.9	0.01	0.07	3.51	2	53	6	99	0.00	0.0	1.444	0.143	0	0	0	18
PL.14828	PL.26930	A	4ACSR	15.11Y	125.9	0.00	0.07	0.44	0	7	1	99	0.00	0.0	1.455	0.010	0	0	0	2
PD.395-A	PL.14828	A	Closed	15.11Y	125.9	0.00	0.07	0.44	0	7	1	99	0.00	0.0	1.455	0.000	0	0	0	2
PD.395-B	PD.395-A	A	Closed	15.11Y	125.9	0.00	0.07	0.44	0	7	1	99	0.00	0.0	1.455	0.000	0	0	0	2
PL.14829	PD.395-B	A	4ACSR	15.11Y	125.9	0.00	0.07	0.44	0	7	1	99	0.00	0.0	1.557	0.102	0	0	0	2
PL.26933	PL.14829	A	4ACSR	15.11Y	125.9	0.00	0.07	0.44	0	7	1	99	0.00	0.0	1.602	0.045	0	0	0	2
PL.7503	PL.26933	A	4ACSR	15.11Y	125.9	0.00	0.07	0.44	0	7	1	99	0.00	0.0	1.644	0.042	0	0	0	2
557101	PL.7503	A	Consumer	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	1.644	0.000	0	0	0	0
PL.7505	PL.7503	A	4ACSR	15.11Y	125.9	0.00	0.07	0.44	0	7	1	99	0.00	0.0	1.677	0.033	0	0	0	2
PL.7506	PL.7505	A	4ACSR	15.11Y	125.9	0.00	0.07	0.21	0	3	0	100	0.00	0.0	1.728	0.051	0	0	0	1
556102	PL.7506	A	Consumer	15.11Y	125.9	0.00	0.07	0.21	0	3	0	100	0.00	0.0	1.728	0.000	3	0	1	1
557102	PL.7505	A	Consumer	15.11Y	125.9	0.00	0.07	0.22	0	3	0	100	0.00	0.0	1.677	0.000	3	0	1	1
PL.7504	PL.7503	A	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	1.721	0.077	0	0	0	0
556101	PL.7504	A	Consumer	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	1.721	0.000	0	0	0	0
PL.26934	PL.26933	A	4ACSR	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	1.781	0.180	0	0	0	0
559101	PL.26934	A	Consumer	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	1.781	0.000	0	0	0	0
PL.2787	PL.26930	A	4ACSR	15.11Y	125.9	0.00	0.07	0.27	0	4	0	100	0.00	0.0	1.493	0.049	0	0	0	1
448409	PL.2787	A	Consumer	15.11Y	125.9	0.00	0.07	0.00	0	0	0	100	0.00	0.0	1.493	0.000	0	0	0	0
555101	PL.2787	A	Consumer	15.11Y	125.9	0.00	0.07	0.27	0	4	0	100	0.00	0.0	1.493	0.000	4	0	1	1
PL.26935	PL.26930	A	4ACSR	15.11Y	125.9	0.02	0.09	2.81	1	42	5	99	0.01	0.0	1.818	0.374	0	0	0	15
PL.26936	PL.26935	A	4ACSR	15.11Y	125.9	0.00	0.10	1.36	1	20	2	100	0.00	0.0	1.909	0.091	0	0	0	12

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							-Base Voltage:120.0- Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.35135	PL.26936	A	2ACSR	15.11Y	125.9	-0.00	0.10	0.00	0	0	0	100	0.00	0.0	1.928	0.019	0	0	0	1
4494052	PL.35135	A	Consumer	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	1.928	0.000	0	0	1	1
PL.15161	PL.26936	A	4ACSR	15.11Y	125.9	0.00	0.10	0.94	0	14	2	99	0.00	0.0	1.982	0.073	0	0	0	9
PL.15162	PL.15161	A	4ACSR	15.11Y	125.9	0.00	0.10	0.82	0	12	1	100	0.00	0.0	2.047	0.065	0	0	0	8
PL.2783	PL.15162	A	4ACSR	15.11Y	125.9	0.00	0.10	0.01	0	0	0	100	0.00	0.0	2.161	0.114	0	0	0	1
449450	PL.2783	A	Consumer	15.11Y	125.9	0.00	0.10	0.01	0	0	0	100	0.00	0.0	2.161	0.000	0	0	1	1
449442	PL.2783	A	Consumer	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	2.161	0.000	0	0	0	0
PL.15163	PL.15162	A	4ACSR	15.11Y	125.9	0.00	0.10	0.81	0	12	1	100	0.00	0.0	2.111	0.064	0	0	0	7
PL.45946	PL.15163	A	4ACSR	15.11Y	125.9	0.00	0.10	0.44	0	7	1	99	0.00	0.0	2.125	0.014	0	0	0	3
PD.8695	PL.45946	A	fuse6AMP	15.11Y	125.9	0.00	0.10	0.44	8	7	1	99	0.00	0.0	2.125	0.000	0	0	0	3
PL.45947	PD.8695	A	4ACSR	15.11Y	125.9	0.00	0.10	0.44	0	7	1	99	0.00	0.0	2.229	0.104	0	0	0	3
449419	PL.45947	A	Consumer	15.11Y	125.9	0.00	0.10	0.11	0	2	0	100	0.00	0.0	2.229	0.000	2	0	1	1
449422	PL.45947	A	Consumer	15.11Y	125.9	0.00	0.10	0.29	0	4	0	100	0.00	0.0	2.229	0.000	4	0	1	1
449447	PL.45947	A	Consumer	15.11Y	125.9	0.00	0.10	0.05	0	1	0	100	0.00	0.0	2.229	0.000	1	0	1	1
PL.15164	PL.15163	A	4ACSR	15.11Y	125.9	0.00	0.10	0.37	0	6	1	99	0.00	0.0	2.149	0.038	0	0	0	4
PL.2781	PL.15164	A	4ACSR	15.11Y	125.9	0.00	0.10	0.18	0	3	0	100	0.00	0.0	2.307	0.157	0	0	0	2
449417	PL.2781	A	Consumer	15.11Y	125.9	0.00	0.10	0.16	0	2	0	100	0.00	0.0	2.307	0.000	2	0	1	1
449404	PL.2781	A	Consumer	15.11Y	125.9	0.00	0.10	0.01	0	0	0	100	0.00	0.0	2.307	0.000	0	0	1	1
PL.15165	PL.15164	A	4ACSR	15.11Y	125.9	0.00	0.10	0.19	0	3	0	100	0.00	0.0	2.295	0.146	0	0	0	2
449429	PL.15165	A	Consumer	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	2.295	0.000	0	0	1	1
PL.15166	PL.15165	A	4ACSR	15.11Y	125.9	0.00	0.10	0.19	0	3	0	100	0.00	0.0	2.358	0.063	0	0	0	1
449403	PL.15166	A	Consumer	15.11Y	125.9	0.00	0.10	0.19	0	3	0	100	0.00	0.0	2.358	0.000	3	0	1	1
449412	PL.15161	A	Consumer	15.11Y	125.9	0.00	0.10	0.11	0	2	0	100	0.00	0.0	1.982	0.000	2	0	1	1
449431	PL.26936	A	Consumer	15.11Y	125.9	0.00	0.10	0.00	0	0	0	100	0.00	0.0	1.909	0.000	0	0	0	0
449402	PL.26936	A	Consumer	15.11Y	125.9	0.00	0.10	0.13	0	2	0	100	0.00	0.0	1.909	0.000	2	0	1	1
449401	PL.26936	A	Consumer	15.11Y	125.9	0.00	0.10	0.28	0	4	0	100	0.00	0.0	1.909	0.000	4	0	1	1
PL.15168	PL.26936	A	4ACSR	15.11Y	125.9	0.01	0.10	1.45	1	22	2	100	0.00	0.0	1.984	0.166	0	0	0	3
449440	PL.15168	A	Consumer	15.11Y	125.9	0.00	0.10	0.58	0	9	1	99	0.00	0.0	1.984	0.000	9	1	1	1
PL.15169	PL.15168	A	4ACSR	15.11Y	125.9	0.00	0.10	0.87	0	13	1	100	0.00	0.0	1.988	0.004	0	0	0	2
PL.2765	PL.15169	A	4ACSR	15.11Y	125.9	0.00	0.10	0.87	0	13	1	100	0.00	0.0	2.025	0.037	0	0	0	2
PL.24054	PL.2765	A	4ACSR	15.11Y	125.9	0.00	0.10	0.87	0	13	1	100	0.00	0.0	2.070	0.045	0	0	0	2
449305	PL.24054	A	Consumer	15.11Y	125.9	0.00	0.10	0.58	0	9	1	99	0.00	0.0	2.070	0.000	9	1	1	1
449309	PL.24054	A	Consumer	15.11Y	125.9	0.00	0.10	0.29	0	4	0	100	0.00	0.0	2.070	0.000	4	0	1	1
PL.13155	PL.12831	A	336ACSR	15.12Y	126.0	-0.00	0.01	49.50	7	743	91	99	1.58	0.0	1.043	0.222	0	0	0	161
		B		15.06Y	125.5	0.11	0.49	91.45	13	1364	201	99					0	0	0	278
		C		15.08Y	125.7	0.07	0.32	116.85	16	1749	226	99					0	0	0	372
PL.13324	PL.13155	B	4ACSR	15.06Y	125.5	0.00	0.49	0.11	0	2	0	100	0.00	0.0	1.052	0.009	0	0	0	2
PD.1505	PL.13324	B	fuse6AMP	15.06Y	125.5	0.00	0.49	0.11	2	2	0	100	0.00	0.0	1.052	0.000	0	0	0	2
PL.26273	PD.1505	B	4ACSR	15.06Y	125.5	0.00	0.49	0.11	0	2	0	100	0.00	0.0	1.093	0.041	0	0	0	2

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes rows for elements 447403 through 21350.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.21351	PL.21350	C	4ACSR	15.01Y	125.1	0.13	0.90	27.83	14	415	48	99	0.42	0.1	2.371	0.229	0	0	0	107
PL.29573	PL.21351	C	4ACSR	15.01Y	125.1	0.00	0.90	0.23	0	3	0	100	0.00	0.0	2.430	0.059	0	0	0	1
447324	PL.29573	C	Consumer	15.01Y	125.1	0.00	0.90	0.23	0	3	0	100	0.00	0.0	2.430	0.000	3	0	1	1
PL.13115	PL.21351	C	4ACSR	15.01Y	125.1	0.02	0.92	27.60	14	412	48	99	0.06	0.0	2.404	0.033	0	0	0	106
PL.13132	PL.13115	C	4ACSR	15.00Y	125.0	0.12	1.04	27.60	14	412	48	99	0.36	0.1	2.602	0.199	0	0	0	106
PL.2727	PL.13132	C	4ACSR	15.00Y	125.0	0.00	1.04	0.56	0	8	1	99	0.00	0.0	2.660	0.058	0	0	0	1
446308	PL.2727	C	Consumer	15.00Y	125.0	0.00	1.04	0.56	0	8	1	99	0.00	0.0	2.660	0.000	8	1	1	1
PL.13133	PL.13132	C	4ACSR	14.99Y	124.9	0.08	1.12	26.94	14	401	46	99	0.25	0.1	2.745	0.142	0	0	0	103
446331	PL.13133	C	Consumer	14.99Y	124.9	0.00	1.12	0.29	0	4	0	100	0.00	0.0	2.745	0.000	4	0	1	1
PL.13134	PL.13133	C	4ACSR	14.98Y	124.8	0.07	1.18	26.65	14	397	46	99	0.20	0.0	2.861	0.117	0	0	0	102
PL.2730	PL.13134	C	4ACSR	14.98Y	124.8	0.00	1.19	1.02	1	15	2	99	0.00	0.0	2.934	0.072	0	0	0	2
PL.2731	PL.2730	C	4ACSR	14.98Y	124.8	0.00	1.19	0.58	0	9	1	99	0.00	0.0	3.019	0.085	0	0	0	1
PL.2729	PL.2731	C	4ACSR	14.98Y	124.8	0.00	1.19	0.58	0	9	1	99	0.00	0.0	3.090	0.071	0	0	0	1
446313	PL.2729	C	Consumer	14.98Y	124.8	0.00	1.19	0.00	0	0	0	100	0.00	0.0	3.090	0.000	0	0	0	0
PL.2728	PL.2729	C	4ACSR	14.98Y	124.8	0.00	1.19	0.58	0	9	1	99	0.00	0.0	3.183	0.093	0	0	0	1
446316	PL.2728	C	Consumer	14.98Y	124.8	0.00	1.19	0.58	0	9	1	99	0.00	0.0	3.183	0.000	9	1	1	1
446319	PL.2731	C	Consumer	14.98Y	124.8	0.00	1.19	0.00	0	0	0	100	0.00	0.0	3.019	0.000	0	0	0	0
446306	PL.2730	C	Consumer	14.98Y	124.8	0.00	1.19	0.43	0	6	1	99	0.00	0.0	2.934	0.000	6	1	1	1
PL.13135	PL.13134	C	4ACSR	14.97Y	124.8	0.06	1.24	25.63	13	381	44	99	0.16	0.0	2.965	0.104	0	0	0	100
PL.13146	PL.13135	C	4ACSR	14.96Y	124.7	0.10	1.34	23.71	12	353	41	99	0.27	0.1	3.166	0.200	0	0	0	90
PL.13147	PL.13146	C	4ACSR	14.95Y	124.6	0.07	1.41	22.85	12	340	39	99	0.18	0.1	3.311	0.145	0	0	0	87
PL.12536	PL.13147	C	4ACSR	14.94Y	124.5	0.11	1.52	21.68	11	322	37	99	0.28	0.1	3.556	0.245	0	0	0	82
PL.2738	PL.12536	C	4ACSR	14.94Y	124.5	0.00	1.52	0.01	0	0	0	100	0.00	0.0	3.683	0.127	0	0	0	1
445330	PL.2738	C	Consumer	14.94Y	124.5	0.00	1.52	0.01	0	0	0	100	0.00	0.0	3.683	0.000	0	0	1	1
PL.12535	PL.12536	C	4ACSR	14.93Y	124.5	0.03	1.55	21.67	11	322	37	99	0.06	0.0	3.612	0.056	0	0	0	81
PL.12534	PL.12535	C	4ACSR	14.93Y	124.4	0.03	1.58	21.20	11	315	36	99	0.08	0.0	3.690	0.078	0	0	0	79
PL.2739	PL.12534	C	4ACSR	14.93Y	124.4	0.00	1.59	0.55	0	8	1	99	0.00	0.0	3.733	0.042	0	0	0	1
445333	PL.2739	C	Consumer	14.93Y	124.4	0.00	1.59	0.55	0	8	1	99	0.00	0.0	3.733	0.000	8	1	1	1
PL.12533	PL.12534	C	4ACSR	14.92Y	124.3	0.08	1.67	20.65	11	306	35	99	0.20	0.1	3.883	0.193	0	0	0	78
PL.12531	PL.12533	C	4ACSR	14.92Y	124.3	0.03	1.70	20.30	10	301	34	99	0.08	0.0	3.959	0.077	0	0	0	77
PL.2747	PL.12531	C	4ACSR	14.92Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	4.023	0.063	0	0	0	0
445336	PL.2747	C	Consumer	14.92Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	4.023	0.000	0	0	0	0
PL.12532	PL.12531	C	4ACSR	14.91Y	124.3	0.04	1.74	20.30	10	301	34	99	0.09	0.0	4.054	0.094	0	0	0	77
445321	PL.12532	C	Consumer	14.91Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	4.054	0.000	0	0	1	1
4453039	PL.12532	C	Consumer	14.91Y	124.3	0.00	1.74	0.31	0	5	1	98	0.00	0.0	4.054	0.000	0	0	0	1
445310	4453039	C	Consumer	14.91Y	124.3	0.00	1.74	0.31	0	5	1	98	0.00	0.0	4.054	0.000	5	1	1	1
445317	PL.12532	C	Consumer	14.91Y	124.3	0.00	1.74	0.00	0	0	0	100	0.00	0.0	4.054	0.000	0	0	1	1
PL.12530	PL.12532	C	4ACSR	14.91Y	124.2	0.04	1.78	19.98	10	296	34	99	0.09	0.0	4.150	0.096	0	0	0	74

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% KVAR	kW Loss	% Loss							
445308	PL.12530	C	Consumer	14.91Y	124.2	0.00	1.78	0.01	0	0	0	100	0.00	0.0	4.150	0.000	0	0	1	1
445324	PL.12530	C	Consumer	14.91Y	124.2	0.00	1.78	0.05	0	1	0	100	0.00	0.0	4.150	0.000	1	0	1	1
PL.12529	PL.12530	C	4ACSR	14.90Y	124.2	0.04	1.82	19.94	10	295	33	99	0.08	0.0	4.234	0.085	0	0	0	72
PD.381-A	PL.12529	C	Closed	14.90Y	124.2	0.00	1.82	19.94	0	295	33	99	0.00	0.0	4.234	0.000	0	0	0	72
PD.381-B	PD.381-A	C	Closed	14.90Y	124.2	0.00	1.82	19.94	0	295	33	99	0.00	0.0	4.234	0.000	0	0	0	72
PL.12528	PD.381-B	C	4ACSR	14.90Y	124.2	0.01	1.83	19.94	10	295	33	99	0.02	0.0	4.252	0.018	0	0	0	72
PL.17712	PL.12528	C	4ACSR	14.90Y	124.2	0.00	1.83	0.21	0	3	0	100	0.00	0.0	4.259	0.007	0	0	0	2
PL.13151	PL.17712	C	4ACSR	14.90Y	124.2	0.00	1.83	0.00	0	0	0	100	0.00	0.0	4.471	0.212	0	0	0	0
PD.380-B	PL.13151	C	Open	14.90Y	124.2	0.00	1.83	0.00	0	0	0	100	0.00	0.0	4.471	0.000	0	0	0	0
PL.45504	PL.17712	C	4ACSR	14.90Y	124.2	0.00	1.83	0.21	0	3	0	100	0.00	0.0	4.277	0.017	0	0	0	2
PD.8658	PL.45504	C	fuse6AMP	14.90Y	124.2	0.00	1.83	0.21	4	3	0	100	0.00	0.0	4.277	0.000	0	0	0	2
PL.45505	PD.8658	C	4ACSR	14.90Y	124.2	0.00	1.83	0.21	0	3	0	100	0.00	0.0	4.311	0.034	0	0	0	2
PL.22887	PL.45505	C	4ACSR	14.90Y	124.2	0.00	1.83	0.00	0	0	0	100	0.00	0.0	4.486	0.175	0	0	0	1
445320	PL.22887	C	Consumer	14.90Y	124.2	0.00	1.83	0.00	0	0	0	100	0.00	0.0	4.486	0.000	0	0	1	1
PL.28576	PL.45505	C	4ACSR	14.90Y	124.2	0.00	1.83	0.21	0	3	0	100	0.00	0.0	4.350	0.039	0	0	0	1
445309	PL.28576	C	Consumer	14.90Y	124.2	0.00	1.83	0.21	0	3	0	100	0.00	0.0	4.350	0.000	3	0	1	1
PL.19424	PL.12528	C	4ACSR	14.90Y	124.1	0.02	1.85	19.73	10	292	33	99	0.05	0.0	4.311	0.059	0	0	0	70
PL.19425	PL.19424	C	4ACSR	14.89Y	124.1	0.03	1.88	19.73	10	292	33	99	0.07	0.0	4.386	0.075	0	0	0	70
PL.13148	PL.19425	C	4ACSR	14.89Y	124.1	0.03	1.91	18.89	10	280	31	99	0.06	0.0	4.453	0.067	0	0	0	66
PL.13149	PL.13148	C	4ACSR	14.89Y	124.1	0.02	1.93	18.89	10	280	31	99	0.04	0.0	4.503	0.050	0	0	0	65
PL.13145	PL.13149	C	4ACSR	14.89Y	124.1	0.02	1.95	13.11	7	194	22	99	0.03	0.0	4.578	0.075	0	0	0	41
PD.2654	PL.13145	C	25V4E	14.89Y	124.1	0.00	1.95	13.11	52	194	22	99	0.00	0.0	4.578	0.000	0	0	0	41
PL.19242	PD.2654	C	4ACSR	14.89Y	124.0	0.01	1.96	13.11	7	194	22	99	0.01	0.0	4.607	0.030	0	0	0	41
PL.19243	PL.19242	C	4ACSR	14.88Y	124.0	0.02	1.97	13.08	7	194	22	99	0.03	0.0	4.671	0.064	0	0	0	40
PL.24902	PL.19243	C	4ACSR	14.88Y	124.0	0.01	1.98	13.08	7	194	22	99	0.01	0.0	4.705	0.034	0	0	0	40
PL.24010	PL.24902	C	4ACSR	14.88Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	4.705	0.000	0	0	0	0
PL.6900	PL.24902	C	4ACSR	14.87Y	123.9	0.11	2.10	13.08	7	194	22	99	0.17	0.1	5.112	0.408	0	0	0	40
444307	PL.6900	C	Consumer	14.87Y	123.9	0.00	2.10	0.52	0	8	1	99	0.00	0.0	5.112	0.000	8	1	1	1
PL.8596	PL.6900	C	4ACSR	14.86Y	123.9	0.03	2.13	12.56	6	186	21	99	0.04	0.0	5.226	0.114	0	0	0	39
PL.8597	PL.8596	C	4ACSR	14.86Y	123.9	0.01	2.14	12.56	6	186	21	99	0.02	0.0	5.276	0.049	0	0	0	39
444302	PL.8597	C	Consumer	14.86Y	123.9	0.00	2.14	0.53	0	8	1	99	0.00	0.0	5.276	0.000	8	1	1	1
PL.6901	PL.8597	C	4ACSR	14.86Y	123.8	0.06	2.20	12.04	6	178	20	99	0.08	0.0	5.497	0.221	0	0	0	38
PL.13360	PL.6901	C	4ACSR	14.85Y	123.8	0.04	2.24	12.04	6	178	20	99	0.06	0.0	5.666	0.170	0	0	0	38
444304	PL.13360	C	Consumer	14.85Y	123.8	0.00	2.24	0.82	0	12	1	100	0.00	0.0	5.666	0.000	12	1	1	1
444305	PL.13360	C	Consumer	14.85Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	5.666	0.000	0	0	0	0
PL.21167	PL.13360	C	4ACSR	14.85Y	123.8	0.00	2.24	0.16	0	2	0	100	0.00	0.0	5.675	0.008	0	0	0	3
PD.367-A	PL.21167	C	Closed	14.85Y	123.8	0.00	2.24	0.16	0	2	0	100	0.00	0.0	5.675	0.000	0	0	0	3
PD.367-B	PD.367-A	C	Closed	14.85Y	123.8	0.00	2.24	0.16	0	2	0	100	0.00	0.0	5.675	0.000	0	0	0	3

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.21168	PD.367-B	C	4ACSR	14.85Y	123.8	0.00	2.24	0.16	0	2	0	100	0.00	0.0	5.844	0.169	0	0	0	3
PL.23379	PL.21168	C	4ACSR	14.85Y	123.8	0.00	2.24	0.03	0	0	0	100	0.00	0.0	5.907	0.064	0	0	0	1
444308	PL.23379	C	Consumer	14.85Y	123.8	0.00	2.24	0.03	0	0	0	100	0.00	0.0	5.907	0.000	0	0	1	1
PL.21129	PL.21168	C	4ACSR	14.85Y	123.8	0.00	2.24	0.13	0	2	0	100	0.00	0.0	6.106	0.263	0	0	0	2
PL.23308	PL.21129	C	4ACSR	14.85Y	123.8	0.00	2.24	0.13	0	2	0	100	0.00	0.0	6.325	0.219	0	0	0	2
444401	PL.23308	C	Consumer	14.85Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	6.325	0.000	0	0	0	0
444415	PL.23308	C	Consumer	14.85Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	6.325	0.000	0	0	1	1
PL.23309	PL.23308	C	4ACSR	14.85Y	123.8	0.00	2.24	0.13	0	2	0	100	0.00	0.0	6.560	0.234	0	0	0	1
443407	PL.23309	C	Consumer	14.85Y	123.8	0.00	2.24	0.13	0	2	0	100	0.00	0.0	6.560	0.000	2	0	1	1
PL.43249	PL.13360	C	2ACSR	14.85Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	5.673	0.006	0	0	0	0
PD.8230	PL.43249	C	fuse6AMP	14.85Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	5.673	0.000	0	0	0	0
PL.43251	PD.8230	C	2ACSR	14.85Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	6.227	0.555	0	0	0	0
PL.43252	PL.43251	C	2ACSR	14.85Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	6.471	0.243	0	0	0	0
4443011	PL.43252	C	Consumer	14.85Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	6.471	0.000	0	0	0	0
4443010	PL.43251	C	Consumer	14.85Y	123.8	0.00	2.24	0.00	0	0	0	100	0.00	0.0	6.227	0.000	0	0	0	0
PL.13361	PL.13360	C	4ACSR	14.85Y	123.7	0.03	2.27	11.05	6	163	18	99	0.04	0.0	5.796	0.130	0	0	0	34
PL.13359	PL.13361	C	4ACSR	14.84Y	123.6	0.10	2.37	11.05	6	163	18	99	0.13	0.1	6.232	0.435	0	0	0	34
PL.19262	PL.13359	C	4ACSR	14.83Y	123.6	0.04	2.41	11.05	6	163	18	99	0.05	0.0	6.416	0.184	0	0	0	34
443308	PL.19262	C	Consumer	14.83Y	123.6	0.00	2.41	0.00	0	0	0	100	0.00	0.0	6.416	0.000	0	0	1	1
PL.19263	PL.19262	C	4ACSR	14.83Y	123.6	0.02	2.44	11.05	6	163	18	99	0.03	0.0	6.508	0.092	0	0	0	33
PL.13711	PL.19263	C	4ACSR	14.83Y	123.6	0.01	2.45	9.83	5	145	16	99	0.02	0.0	6.573	0.065	0	0	0	32
PL.13710	PL.13711	C	4ACSR	14.82Y	123.5	0.02	2.47	9.49	5	140	15	99	0.02	0.0	6.689	0.116	0	0	0	31
PL.6905	PL.13710	C	4ACSR	14.82Y	123.5	0.00	2.47	1.59	1	23	3	99	0.00	0.0	6.689	0.000	0	0	0	3
PL.6906	PL.6905	C	4ACSR	14.82Y	123.5	0.00	2.47	1.59	1	23	3	99	0.00	0.0	6.724	0.035	0	0	0	3
443310	PL.6906	C	Consumer	14.82Y	123.5	0.00	2.47	0.71	0	11	1	100	0.00	0.0	6.724	0.000	11	1	1	1
443306	PL.6906	C	Consumer	14.82Y	123.5	0.00	2.47	0.18	0	3	0	100	0.00	0.0	6.724	0.000	3	0	1	1
443317	PL.6906	C	Consumer	14.82Y	123.5	0.00	2.47	0.69	0	10	1	100	0.00	0.0	6.724	0.000	10	1	1	1
443307	PL.6906	C	Consumer	14.82Y	123.5	0.00	2.47	0.00	0	0	0	100	0.00	0.0	6.724	0.000	0	0	0	0
PL.23376	PL.13710	C	4ACSR	14.82Y	123.5	0.00	2.47	0.75	0	11	1	100	0.00	0.0	6.781	0.092	0	0	0	1
PL.23380	PL.23376	C	4ACSR	14.82Y	123.5	0.00	2.48	0.75	0	11	1	100	0.00	0.0	6.840	0.059	0	0	0	1
443312	PL.23380	C	Consumer	14.82Y	123.5	0.00	2.48	0.75	0	11	1	100	0.00	0.0	6.840	0.000	11	1	1	1
PL.13709	PL.13710	C	4ACSR	14.82Y	123.5	0.02	2.49	7.15	4	105	12	99	0.01	0.0	6.803	0.114	0	0	0	27
PL.6904	PL.13709	C	4ACSR	14.82Y	123.5	0.01	2.50	7.15	4	105	12	99	0.01	0.0	6.885	0.082	0	0	0	27
PL.13707	PL.6904	C	4ACSR	14.82Y	123.5	0.01	2.51	7.15	4	105	12	99	0.01	0.0	6.951	0.066	0	0	0	27
PL.24005	PL.13707	C	4ACSR	14.82Y	123.5	0.00	2.51	0.15	0	2	0	100	0.00	0.0	7.021	0.070	0	0	0	1
442324	PL.24005	C	Consumer	14.82Y	123.5	0.00	2.51	0.15	0	2	0	100	0.00	0.0	7.021	0.000	2	0	1	1
PL.13708	PL.13707	C	4ACSR	14.82Y	123.5	0.01	2.52	7.00	4	103	11	99	0.01	0.0	7.034	0.083	0	0	0	26
PL.13153	PL.13708	C	4ACSR	14.82Y	123.5	0.01	2.53	6.42	3	95	10	99	0.00	0.0	7.084	0.049	0	0	0	25

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.13152	PL.13153	C	4ACSR	14.82Y	123.5	0.00	2.53	6.42	3	95	10	99	0.00	0.0	7.098	0.014	0	0	0	25
PL.13725	PL.13152	C	4ACSR	14.82Y	123.5	0.00	2.53	5.95	3	88	10	99	0.00	0.0	7.101	0.003	0	0	0	20
PD.359-A	PL.13725	C	Closed	14.82Y	123.5	0.00	2.53	5.95	0	88	10	99	0.00	0.0	7.101	0.000	0	0	0	20
PD.359-B	PD.359-A	C	Closed	14.82Y	123.5	0.00	2.53	5.95	0	88	10	99	0.00	0.0	7.101	0.000	0	0	0	20
PL.13726	PD.359-B	C	4ACSR	14.82Y	123.5	0.01	2.54	5.95	3	88	10	99	0.00	0.0	7.159	0.058	0	0	0	20
PL.23963	PL.13726	C	4ACSR	14.82Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	7.227	0.068	0	0	0	0
442309	PL.23963	C	Consumer	14.82Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	7.227	0.000	0	0	0	0
PL.13727	PL.13726	C	4ACSR	14.81Y	123.4	0.01	2.55	5.95	3	88	10	99	0.01	0.0	7.250	0.091	0	0	0	20
PL.39347	PL.13727	C	4ACSR	14.81Y	123.4	0.00	2.56	5.95	3	88	10	99	0.00	0.0	7.275	0.025	0	0	0	19
PL.39348	PL.39347	C	4ACSR	14.81Y	123.4	0.00	2.56	5.01	3	74	8	99	0.00	0.0	7.304	0.029	0	0	0	17
442315	PL.39348	C	Consumer	14.81Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	7.304	0.000	0	0	0	0
442319	PL.39348	C	Consumer	14.81Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	7.304	0.000	0	0	0	0
PL.13728	PL.39348	C	4ACSR	14.81Y	123.4	0.00	2.56	5.01	3	74	8	99	0.00	0.0	7.348	0.043	0	0	0	17
442311	PL.13728	C	Consumer	14.81Y	123.4	0.00	2.56	0.32	0	5	1	98	0.00	0.0	7.348	0.000	5	1	1	1
442307	PL.13728	C	Consumer	14.81Y	123.4	0.00	2.56	0.38	0	6	1	99	0.00	0.0	7.348	0.000	6	1	1	1
442313	PL.13728	C	Consumer	14.81Y	123.4	0.00	2.56	0.84	0	12	1	100	0.00	0.0	7.348	0.000	12	1	1	1
PL.42275	PL.13728	C	4ACSR	14.81Y	123.4	0.00	2.56	1.34	1	20	2	100	0.00	0.0	7.389	0.041	0	0	0	2
PL.42276	PL.42275	C	4ACSR	14.81Y	123.4	0.00	2.57	1.34	1	20	2	100	0.00	0.0	7.444	0.055	0	0	0	2
PL.23381	PL.42276	C	4ACSR	14.81Y	123.4	0.00	2.57	1.34	1	20	2	100	0.00	0.0	7.502	0.058	0	0	0	2
PL.23382	PL.23381	C	4ACSR	14.81Y	123.4	0.00	2.57	0.46	0	7	1	99	0.00	0.0	7.566	0.063	0	0	0	1
443316	PL.23382	C	Consumer	14.81Y	123.4	0.00	2.57	0.46	0	7	1	99	0.00	0.0	7.566	0.000	7	1	1	1
4433018	PL.23381	C	Consumer	14.81Y	123.4	0.00	2.57	0.00	0	0	0	100	0.00	0.0	7.502	0.000	0	0	0	0
443314	PL.23381	C	Consumer	14.81Y	123.4	0.00	2.57	0.89	0	13	1	100	0.00	0.0	7.502	0.000	13	1	1	1
4423028	PL.42275	C	Consumer	14.81Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	7.389	0.000	0	0	0	0
PL.13729	PL.13728	C	4ACSR	14.81Y	123.4	0.01	2.57	2.12	1	31	3	100	0.00	0.0	7.469	0.121	0	0	0	12
PD.357-A	PL.13729	C	Closed	14.81Y	123.4	0.00	2.57	2.12	0	31	3	100	0.00	0.0	7.469	0.000	0	0	0	12
PD.357-B	PD.357-A	C	Closed	14.81Y	123.4	0.00	2.57	2.12	0	31	3	100	0.00	0.0	7.469	0.000	0	0	0	12
PL.20802	PD.357-B	C	4ACSR	14.81Y	123.4	0.00	2.57	0.34	0	5	1	98	0.00	0.0	7.475	0.007	0	0	0	1
PL.45463	PL.20802	C	4ACSR	14.81Y	123.4	0.00	2.57	0.34	0	5	1	98	0.00	0.0	7.481	0.006	0	0	0	1
PD.8649	PL.45463	C	fuse6AMP	14.81Y	123.4	0.00	2.57	0.34	6	5	1	98	0.00	0.0	7.481	0.000	0	0	0	1
PL.45464	PD.8649	C	4ACSR	14.81Y	123.4	0.00	2.57	0.34	0	5	1	98	0.00	0.0	7.516	0.035	0	0	0	1
442321	PL.45464	C	Consumer	14.81Y	123.4	0.00	2.57	0.34	0	5	1	98	0.00	0.0	7.516	0.000	5	1	1	1
PL.32750	PD.357-B	C	4ACSR	14.81Y	123.4	0.00	2.57	1.78	1	26	3	99	0.00	0.0	7.490	0.021	0	0	0	11
PL.32749	PL.32750	C	4ACSR	14.81Y	123.4	0.00	2.57	0.24	0	3	0	100	0.00	0.0	7.543	0.053	0	0	0	1
4422013	PL.32749	C	Consumer	14.81Y	123.4	0.00	2.57	0.24	0	3	0	100	0.00	0.0	7.543	0.000	3	0	1	1
PL.32751	PL.32750	C	4ACSR	14.81Y	123.4	0.00	2.57	1.54	1	23	3	99	0.00	0.0	7.519	0.029	0	0	0	10
PL.13731	PL.32751	C	4ACSR	14.81Y	123.4	0.00	2.57	1.32	1	19	2	99	0.00	0.0	7.603	0.084	0	0	0	9
PL.13732	PL.13731	C	4ACSR	14.81Y	123.4	0.00	2.57	0.12	0	2	0	100	0.00	0.0	7.635	0.032	0	0	0	2

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PD.1074	PL.13732	C	fuse6AMP	14.81Y	123.4	0.00	2.57	0.12	2	2	0	100	0.00	0.0	7.635	0.000	0	0	0	2
PL.13785	PD.1074	C	4ACSR	14.81Y	123.4	0.00	2.57	0.12	0	2	0	100	0.00	0.0	7.666	0.031	0	0	0	2
PL.6902	PL.13785	C	4ACSR	14.81Y	123.4	0.00	2.57	0.12	0	2	0	100	0.00	0.0	8.304	0.638	0	0	0	2
PL.6903	PL.6902	C	4ACSR	14.81Y	123.4	0.00	2.58	0.11	0	2	0	100	0.00	0.0	8.865	0.561	0	0	0	1
443202	PL.6903	C	Consumer	14.81Y	123.4	0.00	2.58	0.11	0	2	0	100	0.00	0.0	8.865	0.000	2	0	1	1
443305	PL.6902	C	Consumer	14.81Y	123.4	0.00	2.57	0.00	0	0	0	100	0.00	0.0	8.304	0.000	0	0	1	1
PL.13786	PL.13731	C	4ACSR	14.81Y	123.4	0.00	2.58	1.20	1	18	2	99	0.00	0.0	7.698	0.096	0	0	0	7
PL.23362	PL.13786	C	4ACSR	14.81Y	123.4	0.00	2.58	0.50	0	7	1	99	0.00	0.0	7.779	0.080	0	0	0	1
442202	PL.23362	C	Consumer	14.81Y	123.4	0.00	2.58	0.50	0	7	1	99	0.00	0.0	7.779	0.000	7	1	1	1
PL.13787	PL.13786	C	4ACSR	14.81Y	123.4	0.00	2.58	0.70	0	10	1	100	0.00	0.0	7.874	0.176	0	0	0	6
442204	PL.13787	C	Consumer	14.81Y	123.4	0.00	2.58	0.10	0	1	0	100	0.00	0.0	7.874	0.000	1	0	1	1
PL.13788	PL.13787	C	4ACSR	14.81Y	123.4	0.00	2.58	0.60	0	9	1	99	0.00	0.0	7.907	0.033	0	0	0	5
PL.13789	PL.13788	C	4ACSR	14.81Y	123.4	0.00	2.58	0.38	0	6	1	99	0.00	0.0	8.106	0.200	0	0	0	2
PL.6884	PL.13789	C	4ACSR	14.81Y	123.4	0.00	2.58	0.31	0	5	1	98	0.00	0.0	8.177	0.071	0	0	0	1
PL.13790	PL.6884	C	4ACSR	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	8.300	0.122	0	0	0	0
PD.358-A	PL.13790	C	Closed	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	8.300	0.000	0	0	0	0
PD.358-B	PD.358-A	C	Closed	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	8.300	0.000	0	0	0	0
PL.13791	PD.358-B	C	4ACSR	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	8.634	0.335	0	0	0	0
PL.43236	PL.13791	C	4ACSR	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	9.090	0.455	0	0	0	0
PD.8218-A	PL.43236	C	Closed	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	9.090	0.000	0	0	0	0
PD.8218-B	PD.8218-A	C	Closed	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	9.090	0.000	0	0	0	0
PL.43237	PD.8218-B	C	4ACSR	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	9.095	0.005	0	0	0	0
442211	PL.6884	C	Consumer	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	8.177	0.000	0	0	0	0
442212	PL.6884	C	Consumer	14.81Y	123.4	0.00	2.58	0.31	0	5	1	98	0.00	0.0	8.177	0.000	5	1	1	1
442208	PL.13789	C	Consumer	14.81Y	123.4	0.00	2.58	0.07	0	1	0	100	0.00	0.0	8.106	0.000	1	0	1	1
442210	PL.13789	C	Consumer	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	8.106	0.000	0	0	0	0
PL.23363	PL.13788	C	4ACSR	14.81Y	123.4	0.00	2.58	0.22	0	3	0	100	0.00	0.0	7.948	0.041	0	0	0	3
PL.32806	PL.23363	C	4ACSR	14.81Y	123.4	0.00	2.58	0.22	0	3	0	100	0.00	0.0	7.956	0.008	0	0	0	3
4432004	PL.32806	C	Consumer	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	7.956	0.000	0	0	1	1
PL.32807	PL.32806	C	4ACSR	14.81Y	123.4	0.00	2.58	0.22	0	3	0	100	0.00	0.0	7.998	0.042	0	0	0	2
PL.23372	PL.32807	C	4ACSR	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	8.151	0.153	0	0	0	1
PL.33203	PL.23372	C	4ACSR	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	8.199	0.048	0	0	0	1
4432003	PL.33203	C	Consumer	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	8.199	0.000	0	0	1	1
443201	PL.32807	C	Consumer	14.81Y	123.4	0.00	2.58	0.22	0	3	0	100	0.00	0.0	7.998	0.000	3	0	1	1
4432005	PL.32807	C	Consumer	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	7.998	0.000	0	0	0	0
442206	PL.32751	C	Consumer	14.81Y	123.4	0.00	2.57	0.22	0	3	0	100	0.00	0.0	7.519	0.000	3	0	1	1
PL.42274	PL.13728	C	2ACSR	14.81Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	7.443	0.095	0	0	0	0
4423027	PL.42274	C	Consumer	14.81Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	7.443	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
4433019	PL.42274	C	Consumer	14.81Y	123.4	0.00	2.56	0.00	0	0	0	100	0.00	0.0	7.443	0.000	0	0	0	0
4423026	PL.39347	C	Consumer	14.81Y	123.4	0.00	2.56	0.04	0	1	0	100	0.00	0.0	7.275	0.000	1	0	1	1
442312	PL.39347	C	Consumer	14.81Y	123.4	0.00	2.56	0.90	0	13	1	100	0.00	0.0	7.275	0.000	13	1	1	1
PL.24003	PL.13727	C	4ACSR	14.81Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	7.301	0.051	0	0	0	1
442308	PL.24003	C	Consumer	14.81Y	123.4	0.00	2.55	0.00	0	0	0	100	0.00	0.0	7.301	0.000	0	0	1	1
PL.13154	PL.13152	C	4ACSR	14.82Y	123.5	0.00	2.53	0.47	0	7	1	99	0.00	0.0	7.109	0.011	0	0	0	5
PD.1073	PL.13154	C	fuse6AMP	14.82Y	123.5	0.00	2.53	0.47	8	7	1	99	0.00	0.0	7.109	0.000	0	0	0	5
PL.18718	PD.1073	C	4ACSR	14.82Y	123.5	0.00	2.53	0.47	0	7	1	99	0.00	0.0	7.199	0.090	0	0	0	5
PL.19971	PL.18718	C	4ACSR	14.82Y	123.5	0.00	2.53	0.47	0	7	1	99	0.00	0.0	7.242	0.043	0	0	0	5
442316	PL.19971	C	Consumer	14.82Y	123.5	0.00	2.53	0.12	0	2	0	100	0.00	0.0	7.242	0.000	2	0	1	1
PL.22753	PL.19971	C	4ACSR	14.82Y	123.5	0.00	2.54	0.35	0	5	1	98	0.00	0.0	7.386	0.144	0	0	0	4
PL.20532	PL.22753	C	4ACSR	14.82Y	123.5	0.00	2.54	0.35	0	5	1	98	0.00	0.0	7.584	0.198	0	0	0	4
PL.20533	PL.20532	C	4ACSR	14.82Y	123.5	0.00	2.54	0.35	0	5	1	98	0.00	0.0	7.742	0.158	0	0	0	3
PL.23365	PL.20533	C	4ACSR	14.82Y	123.5	0.00	2.54	0.35	0	5	1	98	0.00	0.0	7.847	0.105	0	0	0	3
PL.23364	PL.23365	C	4ACSR	14.82Y	123.5	0.00	2.54	0.35	0	5	1	98	0.00	0.0	7.991	0.145	0	0	0	3
PL.28285	PL.23364	C	4ACSR	14.82Y	123.5	0.00	2.54	0.35	0	5	1	98	0.00	0.0	8.039	0.047	0	0	0	3
PL.23367	PL.28285	C	4ACSR	14.82Y	123.5	0.00	2.54	0.08	0	1	0	100	0.00	0.0	8.124	0.085	0	0	0	1
442322	PL.23367	C	Consumer	14.82Y	123.5	0.00	2.54	0.08	0	1	0	100	0.00	0.0	8.124	0.000	1	0	1	1
PL.23243	PL.28285	C	4ACSR	14.82Y	123.5	0.00	2.54	0.27	0	4	0	100	0.00	0.0	8.099	0.061	0	0	0	2
442320	PL.23243	C	Consumer	14.82Y	123.5	0.00	2.54	0.09	0	1	0	100	0.00	0.0	8.099	0.000	1	0	1	1
442314	PL.23243	C	Consumer	14.82Y	123.5	0.00	2.54	0.19	0	3	0	100	0.00	0.0	8.099	0.000	3	0	1	1
442318	PL.20532	C	Consumer	14.82Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	7.584	0.000	0	0	1	1
PL.20531	PL.22753	C	4ACSR	14.82Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	7.389	0.003	0	0	0	0
PL.12475	PL.20531	C	4ACSR	14.82Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	7.615	0.226	0	0	0	0
442304	PL.20531	C	Consumer	14.82Y	123.5	0.00	2.54	0.00	0	0	0	100	0.00	0.0	7.389	0.000	0	0	0	0
442317	PL.18718	C	Consumer	14.82Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	7.199	0.000	0	0	0	0
442310	PL.13708	C	Consumer	14.82Y	123.5	0.00	2.52	0.58	0	9	1	99	0.00	0.0	7.034	0.000	9	1	1	1
PL.24011	PL.13711	C	4ACSR	14.83Y	123.6	0.00	2.45	0.34	0	5	1	98	0.00	0.0	6.643	0.069	0	0	0	1
443302	PL.24011	C	Consumer	14.83Y	123.6	0.00	2.45	0.34	0	5	1	98	0.00	0.0	6.643	0.000	5	1	1	1
PL.23377	PL.19263	C	4ACSR	14.83Y	123.6	0.00	2.44	1.22	1	18	2	99	0.00	0.0	6.584	0.076	0	0	0	1
443311	PL.23377	C	Consumer	14.83Y	123.6	0.00	2.44	1.22	0	18	2	99	0.00	0.0	6.584	0.000	18	2	1	1
445323	PL.19242	C	Consumer	14.89Y	124.0	0.00	1.96	0.03	0	0	0	100	0.00	0.0	4.607	0.000	0	0	1	1
PL.12583	PL.13149	C	4ACSR	14.89Y	124.1	0.00	1.93	5.77	3	85	9	99	0.00	0.0	4.507	0.005	0	0	0	24
PD.382-A	PL.12583	C	Closed	14.89Y	124.1	0.00	1.93	5.77	0	85	9	99	0.00	0.0	4.507	0.000	0	0	0	24
PD.382-B	PD.382-A	C	Closed	14.89Y	124.1	0.00	1.93	5.77	0	85	9	99	0.00	0.0	4.507	0.000	0	0	0	24
PL.12584	PD.382-B	C	4ACSR	14.89Y	124.1	0.01	1.94	5.77	3	85	9	99	0.01	0.0	4.590	0.083	0	0	0	24
445332	PL.12584	C	Consumer	14.89Y	124.1	0.00	1.94	0.68	0	10	1	100	0.00	0.0	4.590	0.000	10	1	1	1
PL.12585	PL.12584	C	4ACSR	14.89Y	124.1	0.00	1.94	5.10	3	75	8	99	0.00	0.0	4.596	0.005	0	0	0	23

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.2653	PL.12585	C	25V4E	14.89Y	124.1	0.00	1.94	5.10	20	75	8	99	0.00	0.0	4.596	0.000	0	0	0	23
PL.12586	PD.2653	C	4ACSR	14.89Y	124.1	0.00	1.94	5.10	3	75	8	99	0.00	0.0	4.639	0.044	0	0	0	23
PL.12587	PL.12586	C	4ACSR	14.88Y	124.0	0.01	1.96	4.44	2	66	7	99	0.01	0.0	4.792	0.153	0	0	0	21
PL.28584	PL.12587	C	4ACSR	14.88Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	4.859	0.067	0	0	0	0
445302	PL.28584	C	Consumer	14.88Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	4.859	0.000	0	0	0	0
PL.12588	PL.12587	C	4ACSR	14.88Y	124.0	0.01	1.97	4.44	2	66	7	99	0.00	0.0	4.879	0.087	0	0	0	21
PL.12589	PL.12588	C	4ACSR	14.88Y	124.0	0.01	1.98	4.19	2	62	7	99	0.01	0.0	5.002	0.123	0	0	0	18
PL.12590	PL.12589	C	4ACSR	14.88Y	124.0	0.02	2.00	3.90	2	58	6	99	0.01	0.0	5.303	0.301	0	0	0	16
PL.38112	PL.12590	C	4ACSR	14.88Y	124.0	0.00	2.00	1.03	1	15	2	99	0.00	0.0	5.314	0.011	0	0	0	5
PD.6612	PL.38112	C	fuse6AMP	14.88Y	124.0	0.00	2.00	1.03	18	15	2	99	0.00	0.0	5.314	0.000	0	0	0	5
PL.41293	PD.6612	C	4ACSR	14.88Y	124.0	0.00	2.00	1.03	1	15	2	99	0.00	0.0	5.375	0.061	0	0	0	5
PL.41292	PL.41293	C	2ACSR	14.88Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	5.412	0.037	0	0	0	1
4452015	PL.41292	C	Consumer	14.88Y	124.0	0.00	2.00	0.00	0	0	0	100	0.00	0.0	5.412	0.000	0	0	1	1
PL.41294	PL.41293	C	4ACSR	14.88Y	124.0	0.00	2.00	1.03	1	15	2	99	0.00	0.0	5.403	0.027	0	0	0	4
445208	PL.41294	C	Consumer	14.88Y	124.0	0.00	2.00	0.18	0	3	0	100	0.00	0.0	5.403	0.000	3	0	1	1
PL.20698	PL.41294	C	4ACSR	14.88Y	124.0	0.00	2.00	0.85	0	13	1	100	0.00	0.0	5.409	0.006	0	0	0	3
PL.20699	PL.20698	C	4ACSR	14.88Y	124.0	0.00	2.01	0.85	0	13	1	100	0.00	0.0	5.455	0.046	0	0	0	3
PL.20700	PL.20699	C	4ACSR	14.88Y	124.0	0.00	2.01	0.20	0	3	0	100	0.00	0.0	5.518	0.062	0	0	0	1
444211	PL.20700	C	Consumer	14.88Y	124.0	0.00	2.01	0.20	0	3	0	100	0.00	0.0	5.518	0.000	3	0	1	1
PL.23307	PL.20700	C	4ACSR	14.88Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	5.546	0.028	0	0	0	0
PL.23374	PL.23307	C	4ACSR	14.88Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	5.639	0.093	0	0	0	0
444205	PL.20699	C	Consumer	14.88Y	124.0	0.00	2.01	0.59	0	9	1	99	0.00	0.0	5.455	0.000	9	1	1	1
444214	PL.20699	C	Consumer	14.88Y	124.0	0.00	2.01	0.07	0	1	0	100	0.00	0.0	5.455	0.000	1	0	1	1
PL.13344	PL.12590	C	4ACSR	14.88Y	124.0	0.00	2.00	2.87	1	42	5	99	0.00	0.0	5.340	0.037	0	0	0	11
PL.13346	PL.13344	C	4ACSR	14.88Y	124.0	0.00	2.01	2.86	1	42	5	99	0.00	0.0	5.390	0.050	0	0	0	10
PL.24901	PL.13346	C	4ACSR	14.88Y	124.0	0.00	2.01	0.95	0	14	2	99	0.00	0.0	5.390	0.000	0	0	0	2
445209	PL.24901	C	Consumer	14.88Y	124.0	0.00	2.01	0.65	0	10	1	100	0.00	0.0	5.390	0.000	10	1	1	1
PL.20695	PL.24901	C	4ACSR	14.88Y	124.0	0.00	2.01	0.30	0	4	0	100	0.00	0.0	5.496	0.105	0	0	0	1
PL.20696	PL.20695	C	4ACSR	14.88Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	5.497	0.001	0	0	0	0
445214	PL.20695	C	Consumer	14.88Y	124.0	0.00	2.01	0.30	0	4	0	100	0.00	0.0	5.496	0.000	4	0	1	1
PL.13347	PL.13346	C	4ACSR	14.88Y	124.0	0.00	2.01	1.91	1	28	3	99	0.00	0.0	5.487	0.097	0	0	0	8
PL.13345	PL.13347	C	4ACSR	14.88Y	124.0	0.00	2.02	1.44	1	21	2	100	0.00	0.0	5.627	0.140	0	0	0	5
PL.114	PL.13345	C	4ACSR	14.88Y	124.0	0.00	2.02	1.44	1	21	2	100	0.00	0.0	5.685	0.058	0	0	0	5
PL.6897	PL.114	C	4ACSR	14.88Y	124.0	0.00	2.02	1.17	1	17	2	99	0.00	0.0	5.768	0.083	0	0	0	4
444213	PL.6897	C	Consumer	14.88Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	5.768	0.000	0	0	1	1
444204	PL.6897	C	Consumer	14.88Y	124.0	0.00	2.02	0.54	0	8	1	99	0.00	0.0	5.768	0.000	8	1	1	1
PL.6898	PL.6897	C	4ACSR	14.88Y	124.0	0.01	2.02	0.62	0	9	1	99	0.00	0.0	6.148	0.379	0	0	0	2
PL.6899	PL.6898	C	4ACSR	14.88Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	6.370	0.222	0	0	0	0

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts					Thru KW	% PF	kW Loss	% Loss	mi From Src	-----Element-----			
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR						Length (mi)	KW	KVAR	Cons On
444212	PL.6898	C	Consumer	14.88Y	124.0	0.00	2.02	0.14	0	2	0	100	0.00	0.0	6.148	0.000	2	0	1	1
444202	PL.6898	C	Consumer	14.88Y	124.0	0.00	2.02	0.49	0	7	1	99	0.00	0.0	6.148	0.000	7	1	1	1
PL.2743	PL.114	C	4ACSR	14.88Y	124.0	0.00	2.02	0.27	0	4	0	100	0.00	0.0	5.790	0.105	0	0	0	1
445213	PL.2743	C	Consumer	14.88Y	124.0	0.00	2.02	0.27	0	4	0	100	0.00	0.0	5.790	0.000	4	0	1	1
PL.33014	PL.13347	C	4ACSR	14.88Y	124.0	0.00	2.01	0.46	0	7	1	99	0.00	0.0	5.492	0.005	0	0	0	3
PD.3941	PL.33014	C	fuse6AMP	14.88Y	124.0	0.00	2.01	0.46	8	7	1	99	0.00	0.0	5.492	0.000	0	0	0	3
PL.33015	PD.3941	C	4ACSR	14.88Y	124.0	0.00	2.02	0.46	0	7	1	99	0.00	0.0	5.866	0.374	0	0	0	3
445203	PL.33015	C	Consumer	14.88Y	124.0	0.00	2.02	0.24	0	4	0	100	0.00	0.0	5.866	0.000	4	0	1	1
PL.28579	PL.33015	C	4ACSR	14.88Y	124.0	0.00	2.02	0.22	0	3	0	100	0.00	0.0	6.003	0.137	0	0	0	2
445212	PL.28579	C	Consumer	14.88Y	124.0	0.00	2.02	0.05	0	1	0	100	0.00	0.0	6.003	0.000	1	0	1	1
PL.28580	PL.28579	C	4ACSR	14.88Y	124.0	0.00	2.02	0.17	0	3	0	100	0.00	0.0	6.157	0.154	0	0	0	1
PL.28577	PL.28580	C	4ACSR	14.88Y	124.0	0.00	2.02	0.17	0	3	0	100	0.00	0.0	6.262	0.105	0	0	0	1
PL.28578	PL.28577	C	4ACSR	14.88Y	124.0	0.00	2.02	0.17	0	3	0	100	0.00	0.0	6.407	0.145	0	0	0	1
445210	PL.28578	C	Consumer	14.88Y	124.0	0.00	2.02	0.17	0	3	0	100	0.00	0.0	6.407	0.000	3	0	1	1
445205	PL.13344	C	Consumer	14.88Y	124.0	0.00	2.00	0.01	0	0	0	100	0.00	0.0	5.340	0.000	0	0	1	1
PL.20694	PL.12589	C	4ACSR	14.88Y	124.0	0.00	1.98	0.30	0	4	0	100	0.00	0.0	5.132	0.130	0	0	0	2
PL.21028	PL.20694	C	4ACSR	14.88Y	124.0	0.00	1.98	0.30	0	4	0	100	0.00	0.0	5.252	0.120	0	0	0	2
PL.22886	PL.21028	C	4ACSR	14.88Y	124.0	0.00	1.98	0.28	0	4	0	100	0.00	0.0	5.366	0.114	0	0	0	1
445322	PL.22886	C	Consumer	14.88Y	124.0	0.00	1.98	0.28	0	4	0	100	0.00	0.0	5.366	0.000	4	0	1	1
445301	PL.21028	C	Consumer	14.88Y	124.0	0.00	1.98	0.02	0	0	0	100	0.00	0.0	5.252	0.000	0	0	1	1
PL.23375	PL.20694	C	4ACSR	14.88Y	124.0	0.00	1.98	0.00	0	0	0	100	0.00	0.0	5.167	0.035	0	0	0	0
PL.22885	PL.12588	C	4ACSR	14.88Y	124.0	0.00	1.97	0.24	0	4	0	100	0.00	0.0	4.969	0.090	0	0	0	3
PL.28582	PL.22885	C	4ACSR	14.88Y	124.0	0.00	1.97	0.24	0	4	0	100	0.00	0.0	5.052	0.083	0	0	0	3
PL.23322	PL.28582	C	4ACSR	14.88Y	124.0	0.00	1.97	0.23	0	3	0	100	0.00	0.0	5.083	0.031	0	0	0	2
PL.23323	PL.23322	C	4ACSR	14.88Y	124.0	0.00	1.97	0.23	0	3	0	100	0.00	0.0	5.165	0.081	0	0	0	1
445318	PL.23323	C	Consumer	14.88Y	124.0	0.00	1.97	0.23	0	3	0	100	0.00	0.0	5.165	0.000	3	0	1	1
445325	PL.23322	C	Consumer	14.88Y	124.0	0.00	1.97	0.00	0	0	0	100	0.00	0.0	5.083	0.000	0	0	1	1
PL.28583	PL.28582	C	4ACSR	14.88Y	124.0	0.00	1.97	0.01	0	0	0	100	0.00	0.0	5.129	0.077	0	0	0	1
445315	PL.28583	C	Consumer	14.88Y	124.0	0.00	1.97	0.01	0	0	0	100	0.00	0.0	5.129	0.000	0	0	1	1
PL.2740	PL.12586	C	4ACSR	14.89Y	124.1	0.00	1.94	0.66	0	10	1	100	0.00	0.0	4.704	0.065	0	0	0	2
445331	PL.2740	C	Consumer	14.89Y	124.1	0.00	1.94	0.53	0	8	1	99	0.00	0.0	4.704	0.000	8	1	1	1
445303	PL.2740	C	Consumer	14.89Y	124.1	0.00	1.94	0.13	0	2	0	100	0.00	0.0	4.704	0.000	2	0	1	1
PL.2742	PL.13148	C	4ACSR	14.89Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	4.512	0.059	0	0	0	1
445329	PL.2742	C	Consumer	14.89Y	124.1	0.00	1.91	0.00	0	0	0	100	0.00	0.0	4.512	0.000	0	0	1	1
445335	PL.19425	C	Consumer	14.89Y	124.1	0.00	1.88	0.03	0	0	0	100	0.00	0.0	4.386	0.000	0	0	1	1
445307	PL.19425	C	Consumer	14.89Y	124.1	0.00	1.88	0.19	0	3	0	100	0.00	0.0	4.386	0.000	3	0	1	1
445306	PL.19425	C	Consumer	14.89Y	124.1	0.00	1.88	0.19	0	3	0	100	0.00	0.0	4.386	0.000	3	0	1	1
PL.2741	PL.19425	C	4ACSR	14.89Y	124.1	0.00	1.88	0.43	0	6	1	99	0.00	0.0	4.512	0.126	0	0	0	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
445334	PL.2741	C	Consumer	14.89Y	124.1	0.00	1.88	0.43	0	6	1	99	0.00	0.0	4.512	0.000	6	1	1	1
445311	PL.12533	C	Consumer	14.92Y	124.3	0.00	1.67	0.35	0	5	1	98	0.00	0.0	3.883	0.000	5	1	1	1
PL.2737	PL.12535	C	4ACSR	14.93Y	124.4	0.00	1.55	0.47	0	7	1	99	0.00	0.0	3.701	0.088	0	0	0	2
445312	PL.2737	C	Consumer	14.93Y	124.4	0.00	1.55	0.45	0	7	1	99	0.00	0.0	3.701	0.000	7	1	1	1
445328	PL.2737	C	Consumer	14.93Y	124.4	0.00	1.55	0.03	0	0	0	100	0.00	0.0	3.701	0.000	0	0	1	1
PL.2733	PL.13147	C	4ACSR	14.95Y	124.6	0.01	1.42	1.17	1	17	2	99	0.00	0.0	3.553	0.243	0	0	0	5
PL.13142	PL.2733	C	4ACSR	14.95Y	124.6	0.00	1.42	1.17	1	17	2	99	0.00	0.0	3.611	0.058	0	0	0	5
PL.2736	PL.13142	C	4ACSR	14.95Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	3.694	0.083	0	0	0	0
PL.2735	PL.13142	C	4ACSR	14.95Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	3.693	0.082	0	0	0	1
445305	PL.2735	C	Consumer	14.95Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	3.693	0.000	0	0	1	1
PL.13143	PL.13142	C	4ACSR	14.95Y	124.6	0.00	1.42	0.02	0	0	0	100	0.00	0.0	3.681	0.070	0	0	0	2
PL.2734	PL.13143	C	4ACSR	14.95Y	124.6	0.00	1.42	0.02	0	0	0	100	0.00	0.0	3.798	0.116	0	0	0	2
446311	PL.2734	C	Consumer	14.95Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	3.798	0.000	0	0	1	1
446309	PL.2734	C	Consumer	14.95Y	124.6	0.00	1.42	0.02	0	0	0	100	0.00	0.0	3.798	0.000	0	0	1	1
PL.2732	PL.2734	C	4ACSR	14.95Y	124.6	0.00	1.42	0.00	0	0	0	100	0.00	0.0	3.868	0.071	0	0	0	0
446315	PL.13142	C	Consumer	14.95Y	124.6	0.00	1.42	0.37	0	6	1	99	0.00	0.0	3.611	0.000	6	1	1	1
446327	PL.13142	C	Consumer	14.95Y	124.6	0.00	1.42	0.78	0	12	1	100	0.00	0.0	3.611	0.000	12	1	1	1
PL.13144	PL.13146	C	4ACSR	14.96Y	124.7	0.00	1.35	0.85	0	13	1	100	0.00	0.0	3.402	0.236	0	0	0	3
PL.42964	PL.13144	C	4ACSR	14.96Y	124.7	0.00	1.35	0.65	0	10	1	100	0.00	0.0	3.405	0.004	0	0	0	1
PD.8103	PL.42964	C	fuse6AMP	14.96Y	124.7	0.00	1.35	0.65	11	10	1	100	0.00	0.0	3.405	0.000	0	0	0	1
PL.42965	PD.8103	C	4ACSR	14.96Y	124.7	0.00	1.35	0.65	0	10	1	100	0.00	0.0	3.434	0.029	0	0	0	1
PL.24904	PL.42965	C	4ACSR	14.96Y	124.7	0.00	1.35	0.00	0	0	0	100	0.00	0.0	3.534	0.100	0	0	0	0
446332	PL.42965	C	Consumer	14.96Y	124.7	0.00	1.35	0.65	0	10	1	100	0.00	0.0	3.434	0.000	10	1	1	1
PL.42966	PD.8103	C	2ACSR	14.96Y	124.7	0.00	1.35	0.00	0	0	0	100	0.00	0.0	3.470	0.064	0	0	0	0
4463033	PL.42966	C	Consumer	14.96Y	124.7	0.00	1.35	0.00	0	0	0	100	0.00	0.0	3.470	0.000	0	0	0	0
PL.19587	PL.13144	C	4ACSR	14.96Y	124.7	0.00	1.35	0.20	0	3	0	100	0.00	0.0	3.444	0.042	0	0	0	2
446310	PL.19587	C	Consumer	14.96Y	124.7	0.00	1.35	0.07	0	1	0	100	0.00	0.0	3.444	0.000	1	0	1	1
PL.19588	PL.19587	C	4ACSR	14.96Y	124.7	0.00	1.35	0.13	0	2	0	100	0.00	0.0	3.498	0.054	0	0	0	1
PL.24760	PL.19588	C	4ACSR	14.96Y	124.7	0.00	1.35	0.13	0	2	0	100	0.00	0.0	3.673	0.175	0	0	0	1
446301	PL.24760	C	Consumer	14.96Y	124.7	0.00	1.35	0.13	0	2	0	100	0.00	0.0	3.673	0.000	2	0	1	1
PL.13136	PL.13135	C	4ACSR	14.97Y	124.8	0.00	1.24	1.93	1	29	3	99	0.00	0.0	2.979	0.014	0	0	0	10
PD.2470	PL.13136	C	25V4E	14.97Y	124.8	0.00	1.24	1.93	8	29	3	99	0.00	0.0	2.979	0.000	0	0	0	10
PL.13137	PD.2470	C	4ACSR	14.97Y	124.8	0.00	1.24	1.93	1	29	3	99	0.00	0.0	3.046	0.067	0	0	0	10
446323	PL.13137	C	Consumer	14.97Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	3.046	0.000	0	0	1	1
446326	PL.13137	C	Consumer	14.97Y	124.8	0.00	1.24	0.00	0	0	0	100	0.00	0.0	3.046	0.000	0	0	0	0
446305	PL.13137	C	Consumer	14.97Y	124.8	0.00	1.24	0.18	0	3	0	100	0.00	0.0	3.046	0.000	3	0	1	1
PL.24756	PL.13137	C	4ACSR	14.97Y	124.7	0.01	1.26	1.75	1	26	3	99	0.00	0.0	3.435	0.388	0	0	0	8
PL.13138	PL.24756	C	4ACSR	14.97Y	124.7	0.01	1.26	1.75	1	26	3	99	0.00	0.0	3.616	0.182	0	0	0	8

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.2752	PL.13138	C	4ACSR	14.97Y	124.7	0.00	1.27	1.09	1	16	2	99	0.00	0.0	3.700	0.084	0	0	0	4
PL.13140	PL.2752	C	4ACSR	14.97Y	124.7	0.00	1.27	1.09	1	16	2	99	0.00	0.0	3.823	0.122	0	0	0	3
446411	PL.13140	C	Consumer	14.97Y	124.7	0.00	1.27	0.11	0	2	0	100	0.00	0.0	3.823	0.000	2	0	1	1
446406	PL.13140	C	Consumer	14.97Y	124.7	0.00	1.27	0.50	0	7	1	99	0.00	0.0	3.823	0.000	7	1	1	1
PL.33932	PL.13140	C	4ACSR	14.97Y	124.7	0.00	1.27	0.48	0	7	1	99	0.00	0.0	3.869	0.046	0	0	0	1
PL.33933	PL.33932	C	4ACSR	14.97Y	124.7	0.00	1.27	0.48	0	7	1	99	0.00	0.0	3.920	0.051	0	0	0	1
PL.45824	PL.33933	C	2ACSR	14.97Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.017	0.097	0	0	0	0
4464016	PL.45824	C	Consumer	14.97Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.017	0.000	0	0	0	0
446407	PL.33933	C	Consumer	14.97Y	124.7	0.00	1.27	0.48	0	7	1	99	0.00	0.0	3.920	0.000	7	1	1	1
446404	PL.2752	C	Consumer	14.97Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	3.700	0.000	0	0	1	1
446405	PL.13138	C	Consumer	14.97Y	124.7	0.00	1.26	0.00	0	0	0	100	0.00	0.0	3.616	0.000	0	0	0	0
PL.33935	PL.13138	C	4ACSR	14.97Y	124.7	0.00	1.27	0.66	0	10	1	100	0.00	0.0	3.882	0.265	0	0	0	4
PL.45467	PL.33935	C	4ACSR	14.97Y	124.7	0.00	1.27	0.31	0	5	1	98	0.00	0.0	3.923	0.041	0	0	0	3
PD.8651	PL.45467	C	fuse6AMP	14.97Y	124.7	0.00	1.27	0.31	5	5	1	98	0.00	0.0	3.923	0.000	0	0	0	3
PL.45468	PD.8651	C	4ACSR	14.97Y	124.7	0.00	1.27	0.31	0	5	1	98	0.00	0.0	3.979	0.056	0	0	0	3
PL.40776	PL.45468	C	4ACSR	14.97Y	124.7	0.00	1.27	0.20	0	3	0	100	0.00	0.0	4.124	0.145	0	0	0	2
PL.2751	PL.40776	C	4ACSR	14.97Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.229	0.105	0	0	0	0
PL.24905	PL.40776	C	4ACSR	14.97Y	124.7	0.00	1.27	0.20	0	3	0	100	0.00	0.0	4.269	0.146	0	0	0	2
PL.26537	PL.24905	C	4ACSR	14.97Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.330	0.061	0	0	0	1
PL.26538	PL.26537	C	4ACSR	14.97Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.450	0.120	0	0	0	0
PL.6527	PL.26537	C	4ACSR	14.97Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.425	0.095	0	0	0	1
447420	PL.6527	C	Consumer	14.97Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.425	0.000	0	0	1	1
PL.6528	PL.6527	C	4ACSR	14.97Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.425	0.000	0	0	0	0
447424	PL.24905	C	Consumer	14.97Y	124.7	0.00	1.27	0.20	0	3	0	100	0.00	0.0	4.269	0.000	3	0	1	1
PL.6526	PL.24905	C	4ACSR	14.97Y	124.7	0.00	1.27	0.00	0	0	0	100	0.00	0.0	4.271	0.002	0	0	0	0
4464015	PL.45468	C	Consumer	14.97Y	124.7	0.00	1.27	0.10	0	2	0	100	0.00	0.0	3.979	0.000	2	0	1	1
PL.33934	PL.33935	C	2ACSR	14.97Y	124.7	0.00	1.27	0.35	0	5	1	98	0.00	0.0	3.928	0.046	0	0	0	1
4464014	PL.33934	C	Consumer	14.97Y	124.7	0.00	1.27	0.35	0	5	1	98	0.00	0.0	3.928	0.000	5	1	1	1
PL.2726	PL.13132	C	4ACSR	15.00Y	125.0	0.00	1.04	0.10	0	2	0	100	0.00	0.0	2.757	0.155	0	0	0	2
446328	PL.2726	C	Consumer	15.00Y	125.0	0.00	1.04	0.04	0	1	0	100	0.00	0.0	2.757	0.000	1	0	1	1
446329	PL.2726	C	Consumer	15.00Y	125.0	0.00	1.04	0.06	0	1	0	100	0.00	0.0	2.757	0.000	1	0	1	1
447319	PL.13114	C	Consumer	15.03Y	125.2	0.00	0.75	0.00	0	0	0	100	0.00	0.0	2.113	0.000	0	0	1	1
PL.24074	PL.13113	C	4ACSR	15.04Y	125.4	0.00	0.63	0.41	0	6	1	99	0.00	0.0	1.976	0.061	0	0	0	1
447305	PL.24074	C	Consumer	15.04Y	125.4	0.00	0.63	0.41	0	6	1	99	0.00	0.0	1.976	0.000	6	1	1	1
447331	PL.13112	C	Consumer	15.05Y	125.4	0.00	0.57	0.00	0	0	0	100	0.00	0.0	1.817	0.000	0	0	1	1
PL.13108	PL.8603	A	336ACSR	15.12Y	126.0	0.01	0.01	49.09	7	737	90	99	0.60	0.0	1.841	0.115	0	0	0	159
		B		15.02Y	125.1	0.05	0.87	91.14	12	1355	196	99					0	0	0	274
		C		15.06Y	125.5	0.02	0.54	87.06	12	1301	164	99					0	0	0	257
PL.13109	PL.13108	B	4ACSR	15.02Y	125.1	0.00	0.87	1.13	1	15	7	91	0.00	0.0	1.851	0.010	0	0	0	3

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PD.1489, PL.13110, 447328, etc.

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

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.13129	PL.13125	A	336ACSR	15.11Y	125.9	0.01	0.08	48.80	7	732	89	99	0.27	0.0	2.570	0.054	0	0	157			
		B		14.98Y	124.8	0.02	1.16	90.06	12	1337	184	99					0	0	271			
		C		15.04Y	125.3	0.01	0.66	84.23	12	1257	155	99					0	0	249			
PL.13130	PL.13129	A	4ACSR	15.11Y	125.9	0.00	0.08	0.10	0	1	0	100	0.00	0.0	2.583	0.014	0	0	1			
PD.1495	PL.13130	A	fuse6AMP	15.11Y	125.9	0.00	0.08	0.10	2	1	0	100	0.00	0.0	2.583	0.000	0	0	1			
PL.13131	PD.1495	A	4ACSR	15.11Y	125.9	0.00	0.08	0.10	0	1	0	100	0.00	0.0	2.610	0.027	0	0	1			
447301	PL.13131	A	Consumer	15.11Y	125.9	0.00	0.08	0.10	0	1	0	100	0.00	0.0	2.610	0.000	1	0	1			
PL.26539	PL.13129	A	336ACSR	15.11Y	125.9	0.01	0.09	48.70	7	731	89	99	0.60	0.0	2.690	0.120	0	0	156			
		B		14.97Y	124.8	0.05	1.21	90.06	12	1337	183	99					0	0	271			
		C		15.04Y	125.3	0.02	0.67	84.23	12	1257	155	99					0	0	249			
PL.26542	PL.26539	C	4ACSR	15.04Y	125.3	0.00	0.68	0.74	0	11	1	100	0.00	0.0	2.698	0.009	0	0	2			
PD.1491	PL.26542	C	fuse6AMP	15.04Y	125.3	0.00	0.68	0.74	13	11	1	100	0.00	0.0	2.698	0.000	0	0	2			
PL.26541	PD.1491	C	4ACSR	15.04Y	125.3	0.00	0.68	0.74	0	11	1	100	0.00	0.0	2.753	0.054	0	0	2			
447260	PL.26541	C	Consumer	15.04Y	125.3	0.00	0.68	0.60	0	9	1	99	0.00	0.0	2.753	0.000	9	1	1			
447242	PL.26541	C	Consumer	15.04Y	125.3	0.00	0.68	0.14	0	2	0	100	0.00	0.0	2.753	0.000	2	0	1			
PL.26545	PL.26539	A	336ACSR	15.11Y	125.9	0.01	0.10	48.58	7	729	88	99	0.33	0.0	2.757	0.067	0	0	155			
		B		14.97Y	124.8	0.03	1.24	90.06	12	1336	183	99					0	0	271			
		C		15.04Y	125.3	0.01	0.69	83.48	11	1246	153	99					0	0	247			
PL.26546	PL.26545	A	336ACSR	15.11Y	125.9	0.00	0.10	48.58	7	729	88	99	0.16	0.0	2.790	0.033	0	0	155			
		B		14.97Y	124.7	0.01	1.25	90.06	12	1336	182	99					0	0	271			
		C		15.04Y	125.3	0.00	0.69	83.48	11	1246	152	99					0	0	247			
PL.45926	PL.26546	C	4ACSR	15.04Y	125.3	0.00	0.69	3.72	2	56	6	99	0.00	0.0	2.800	0.010	0	0	8			
PD.8688	PL.45926	C	fuse6AMP	15.04Y	125.3	0.00	0.69	3.72	64	56	6	99	0.00	0.0	2.800	0.000	0	0	8			
PL.45927	PD.8688	C	4ACSR	15.04Y	125.3	0.00	0.69	3.72	2	56	6	99	0.00	0.0	2.811	0.012	0	0	8			
PL.45925	PL.45927	C	4ACSR	15.04Y	125.3	0.01	0.70	3.59	2	54	6	99	0.00	0.0	2.928	0.117	0	0	7			
447252	PL.45925	C	Consumer	15.04Y	125.3	0.00	0.70	0.49	0	7	1	99	0.00	0.0	2.928	0.000	7	1	1			
PL.20662	PL.45925	C	4ACSR	15.04Y	125.3	0.00	0.70	3.09	2	46	5	99	0.00	0.0	2.952	0.024	0	0	6			
PL.20663	PL.20662	C	4ACSR	15.04Y	125.3	0.00	0.71	3.09	2	46	5	99	0.00	0.0	2.999	0.047	0	0	6			
PL.6465	PL.20663	C	4ACSR	15.04Y	125.3	0.00	0.71	2.52	1	38	4	99	0.00	0.0	3.040	0.041	0	0	5			
447224	PL.6465	C	Consumer	15.04Y	125.3	0.00	0.71	0.02	0	0	0	100	0.00	0.0	3.040	0.000	0	0	1			
PL.26548	PL.6465	C	4ACSR	15.03Y	125.3	0.01	0.72	2.50	1	37	4	99	0.00	0.0	3.209	0.169	0	0	4			
PL.26549	PL.26548	C	4ACSR	15.03Y	125.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	3.388	0.180	0	0	1			
PL.8601	PL.26549	C	4ACSR	15.03Y	125.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	3.470	0.082	0	0	1			
447313	PL.8601	C	Consumer	15.03Y	125.3	0.00	0.72	0.00	0	0	0	100	0.00	0.0	3.470	0.000	0	0	1			
PL.24073	PL.26548	C	4ACSR	15.03Y	125.3	0.01	0.72	2.50	1	37	4	99	0.00	0.0	3.307	0.098	0	0	3			
447241	PL.24073	C	Consumer	15.03Y	125.3	0.00	0.72	1.06	0	16	2	99	0.00	0.0	3.307	0.000	16	2	1			
447234	PL.24073	C	Consumer	15.03Y	125.3	0.00	0.72	0.82	0	12	1	100	0.00	0.0	3.307	0.000	12	1	1			
447235	PL.24073	C	Consumer	15.03Y	125.3	0.00	0.72	0.61	0	9	1	99	0.00	0.0	3.307	0.000	9	1	1			
447258	PL.20663	C	Consumer	15.04Y	125.3	0.00	0.71	0.58	0	9	1	99	0.00	0.0	2.999	0.000	9	1	1			
447216	PL.45927	C	Consumer	15.04Y	125.3	0.00	0.69	0.13	0	2	0	100	0.00	0.0	2.811	0.000	2	0	1			
PL.118	PL.26546	A	336ACSR	15.11Y	125.9	0.01	0.10	48.58	7	729	88	99	0.23	0.0	2.837	0.048	0	0	155			
		B		14.97Y	124.7	0.02	1.27	90.06	12	1336	182	99					0	0	271			
		C		15.04Y	125.3	0.01	0.70	79.76	11	1190	146	99					0	0	239			

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.26550, PL.26551, 447251, PL.13646, PL.13647, PD.1492, PL.13648, 447257, PL.13649, PL.24064, 447256, PL.27950, PL.27951, 447238, 447255, PL.13650, PL.13651, PL.13657, PL.24072, 447212, 447221, 447229, PL.13658, PL.20544, PD.3666.

Unbalanced Voltage Drop Report
Source: HOPE

Detail

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

10/22/2007 09:27 Page 639

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.20545	PD.3666	A	6ACWC	15.10Y	125.8	0.01	0.20	22.43	12	336	38	99	0.09	0.0	3.487	0.019	0	0	0	80
		B		14.94Y	124.5	0.01	1.53	31.83	17	472	61	99					0	0	0	116
		C		15.02Y	125.2	0.01	0.81	24.54	13	366	42	99					0	0	0	80
PL.26644	PL.20545	A	6ACWC	15.10Y	125.8	0.00	0.21	22.43	12	336	38	99	0.04	0.0	3.495	0.009	0	0	0	80
		B		14.94Y	124.5	0.01	1.54	31.83	17	471	61	99					0	0	0	116
		C		15.02Y	125.2	0.00	0.81	24.37	13	364	42	99					0	0	0	79
PD.391-A	PL.26644	A	Closed	15.10Y	125.8	0.00	0.21	22.43	0	336	38	99	0.00	0.0	3.495	0.000	0	0	0	80
		B		14.94Y	124.5	0.00	1.54	31.83	0	471	61	99					0	0	0	116
		C		15.02Y	125.2	0.00	0.81	24.37	0	364	42	99					0	0	0	79
PD.391-B	PD.391-A	A	Closed	15.10Y	125.8	0.00	0.21	22.43	0	336	38	99	0.00	0.0	3.495	0.000	0	0	0	80
		B		14.94Y	124.5	0.00	1.54	31.83	0	471	61	99					0	0	0	116
		C		15.02Y	125.2	0.00	0.81	24.37	0	364	42	99					0	0	0	79
PL.26645	PD.391-B	A	6ACWC	15.09Y	125.8	0.04	0.25	22.43	12	336	38	99	0.45	0.0	3.593	0.097	0	0	0	80
		B		14.93Y	124.4	0.06	1.60	31.83	17	471	61	99					0	0	0	116
		C		15.02Y	125.1	0.04	0.85	24.37	13	364	42	99					0	0	0	79
447206	PL.26645	C	Consumer	15.02Y	125.1	0.00	0.85	0.06	0	1	0	100	0.00	0.0	3.593	0.000	1	0	1	1
447246	PL.26645	C	Consumer	15.02Y	125.1	0.00	0.85	0.00	0	0	0	100	0.00	0.0	3.593	0.000	0	0	1	1
447207	PL.26645	C	Consumer	15.02Y	125.1	0.00	0.85	0.00	0	0	0	100	0.00	0.0	3.593	0.000	0	0	0	0
PL.23250	PL.26645	C	4ACSR	15.02Y	125.1	0.00	0.85	0.17	0	3	0	100	0.00	0.0	3.603	0.011	0	0	0	1
PD.2677	PL.23250	C	fuse6AMP	15.02Y	125.1	0.00	0.85	0.17	3	3	0	100	0.00	0.0	3.603	0.000	0	0	0	1
PL.23251	PD.2677	C	4ACSR	15.02Y	125.1	0.00	0.85	0.17	0	3	0	100	0.00	0.0	3.663	0.059	0	0	0	1
447239	PL.23251	C	Consumer	15.02Y	125.1	0.00	0.85	0.17	0	3	0	100	0.00	0.0	3.663	0.000	3	0	1	1
PL.26643	PL.26645	A	6ACWC	15.08Y	125.7	0.07	0.32	22.43	12	336	38	99	0.72	0.1	3.748	0.155	0	0	0	80
		B		14.92Y	124.3	0.10	1.70	31.83	17	471	61	99					0	0	0	116
		C		15.01Y	125.1	0.06	0.92	24.14	13	360	42	99					0	0	0	76
PL.6457	PL.26643	A	6ACWC	15.08Y	125.6	0.05	0.37	22.43	12	336	38	99	0.52	0.0	3.861	0.113	0	0	0	80
		B		14.91Y	124.2	0.07	1.77	31.83	17	471	61	99					0	0	0	116
		C		15.00Y	125.0	0.05	0.96	24.14	13	360	42	99					0	0	0	76
PL.14011	PL.6457	A	6ACWC	15.07Y	125.6	0.05	0.41	22.43	12	336	38	99	0.49	0.0	3.968	0.107	0	0	0	80
		B		14.90Y	124.2	0.07	1.84	31.83	17	471	61	99					0	0	0	116
		C		15.00Y	125.0	0.04	1.01	24.14	13	360	42	99					0	0	0	76
PL.14014	PL.14011	A	6ACWC	15.07Y	125.6	0.00	0.42	15.74	8	236	26	99	0.01	0.0	3.979	0.011	0	0	0	61
		B		14.90Y	124.2	0.00	1.84	17.04	9	251	36	99					0	0	0	58
		C		15.00Y	125.0	-0.00	1.01	0.65	0	10	1	99					0	0	0	2
PD.340-A	PL.14014	A	Closed	15.07Y	125.6	0.00	0.42	15.74	0	236	26	99	0.00	0.0	3.979	0.000	0	0	0	61
		B		14.90Y	124.2	0.00	1.84	17.04	0	251	36	99					0	0	0	58
		C		15.00Y	125.0	0.00	1.01	0.65	0	10	1	99					0	0	0	2
PD.340-B	PD.340-A	A	Closed	15.07Y	125.6	0.00	0.42	15.74	0	236	26	99	0.00	0.0	3.979	0.000	0	0	0	61
		B		14.90Y	124.2	0.00	1.84	17.04	0	251	36	99					0	0	0	58
		C		15.00Y	125.0	0.00	1.01	0.65	0	10	1	99					0	0	0	2
PL.14015	PD.340-B	A	6ACWC	15.07Y	125.6	0.02	0.44	15.74	8	236	26	99	0.07	0.0	4.035	0.056	0	0	0	61
		B		14.90Y	124.1	0.02	1.86	17.04	9	251	36	99					0	0	0	58
		C		15.00Y	125.0	-0.00	1.01	0.65	0	10	1	99					0	0	0	2
PL.14012	PL.14015	B	4ACSR	14.90Y	124.1	0.00	1.86	0.05	0	1	0	100	0.00	0.0	4.051	0.015	0	0	0	1
PD.1412	PL.14012	B	fuse6AMP	14.90Y	124.1	0.00	1.86	0.05	1	1	0	100	0.00	0.0	4.051	0.000	0	0	0	1
PL.14013	PD.1412	B	4ACSR	14.90Y	124.1	0.00	1.86	0.05	0	1	0	100	0.00	0.0	4.105	0.055	0	0	0	1
PL.24057	PL.14013	B	4ACSR	14.90Y	124.1	0.00	1.86	0.05	0	1	0	100	0.00	0.0	4.175	0.070	0	0	0	1
447225	PL.24057	B	Consumer	14.90Y	124.1	0.00	1.86	0.05	0	1	0	100	0.00	0.0	4.175	0.000	1	0	1	1
PL.23246	PL.14015	A	6ACWC	15.06Y	125.5	0.08	0.52	15.74	8	236	26	99	0.25	0.1	4.241	0.205	0	0	0	61
		B		14.89Y	124.1	0.06	1.92	17.00	9	251	36	99					0	0	0	57
		C		15.00Y	125.0	-0.01	1.00	0.00	0	0	0	100					0	0	0	0

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

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PD.2743-A	PL.23246	A	Closed	15.06Y	125.5	0.00	0.52	15.74	0	235	26	99	0.00	0.0	4.241	0.000	0	0	0	61
		B		14.89Y	124.1	0.00	1.92	17.00	0	251	36	99	0	0	0	0	0	0	0	57
		C		15.00Y	125.0	0.00	1.00	0.00	0	0	0	100	0	0	0	0	0	0	0	0
PD.2743-B	PD.2743-A	A	Closed	15.06Y	125.5	0.00	0.52	15.74	0	235	26	99	0.00	0.0	4.241	0.000	0	0	0	61
		B		14.89Y	124.1	0.00	1.92	17.00	0	251	36	99	0	0	0	0	0	0	0	57
		C		15.00Y	125.0	0.00	1.00	0.00	0	0	0	100	0	0	0	0	0	0	0	0
PL.23247	PD.2743-B	A	6ACWC	15.06Y	125.5	0.01	0.53	15.74	8	235	26	99	0.02	0.0	4.261	0.020	0	0	0	61
		B		14.89Y	124.1	0.01	1.92	17.00	9	251	36	99	0	0	0	0	0	0	0	57
		C		15.00Y	125.0	-0.00	1.00	0.00	0	0	0	100	0	0	0	0	0	0	0	0
PL.2509	PL.23247	A	4ACSR	15.06Y	125.5	0.00	0.53	0.31	0	5	1	98	0.00	0.0	4.299	0.038	0	0	0	1
437921	PL.2509	A	Consumer	15.06Y	125.5	0.00	0.53	0.31	0	5	1	98	0.00	0.0	4.299	0.000	5	1	1	1
PL.6720	PL.23247	A	6ACWC	15.05Y	125.4	0.03	0.56	9.00	5	135	15	99	0.09	0.0	4.369	0.108	0	0	0	31
		B		14.89Y	124.0	0.03	1.96	17.00	9	251	36	99	0	0	0	0	0	0	0	57
		C		15.00Y	125.0	-0.01	0.99	0.00	0	0	0	100	0	0	0	0	0	0	0	0
PL.14005	PL.6720	A	6ACWC	15.05Y	125.4	0.03	0.58	9.00	5	135	15	99	0.08	0.0	4.472	0.103	0	0	0	31
		B		14.88Y	124.0	0.03	1.99	15.80	8	233	34	99	0	0	0	0	0	0	0	54
		C		15.00Y	125.0	-0.01	0.98	0.00	0	0	0	100	0	0	0	0	0	0	0	0
437913	PL.14005	B	Consumer	14.88Y	124.0	0.00	1.99	0.18	0	3	0	100	0.00	0.0	4.472	0.000	3	0	1	1
437916	PL.14005	B	Consumer	14.88Y	124.0	0.00	1.99	0.30	0	4	0	100	0.00	0.0	4.472	0.000	4	0	1	1
437944	PL.14005	A	Consumer	15.05Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	4.472	0.000	0	0	0	0
PL.14006	PL.14005	A	6ACWC	15.04Y	125.4	0.05	0.63	8.43	4	126	14	99	0.15	0.0	4.686	0.214	0	0	0	29
		B		14.87Y	124.0	0.06	2.05	15.32	8	226	33	99	0	0	0	0	0	0	0	52
		C		15.00Y	125.0	-0.01	0.97	0.00	0	0	0	100	0	0	0	0	0	0	0	0
PL.20148	PL.14006	A	6ACWC	15.04Y	125.4	0.02	0.65	8.43	4	126	14	99	0.05	0.0	4.751	0.066	0	0	0	29
		B		14.87Y	123.9	0.02	2.07	15.32	8	226	33	99	0	0	0	0	0	0	0	52
		C		15.00Y	125.0	-0.00	0.97	0.00	0	0	0	100	0	0	0	0	0	0	0	0
PL.20149	PL.20148	A	6ACWC	15.04Y	125.3	0.01	0.66	8.43	4	126	14	99	0.04	0.0	4.802	0.050	0	0	0	29
		B		14.87Y	123.9	0.01	2.08	15.32	8	226	33	99	0	0	0	0	0	0	0	52
		C		15.00Y	125.0	-0.00	0.96	0.00	0	0	0	100	0	0	0	0	0	0	0	0
PL.13302	PL.20149	A	6ACWC	15.04Y	125.3	0.01	0.67	8.43	4	126	14	99	0.03	0.0	4.846	0.044	0	0	0	29
		B		14.87Y	123.9	0.01	2.09	14.15	7	208	31	99	0	0	0	0	0	0	0	45
		C		15.00Y	125.0	-0.00	0.96	0.00	0	0	0	100	0	0	0	0	0	0	0	0
437906	PL.13302	B	Consumer	14.87Y	123.9	0.00	2.09	0.97	0	14	2	99	0.00	0.0	4.846	0.000	14	2	1	1
PL.13303	PL.13302	A	4ACSR	15.04Y	125.3	0.00	0.67	0.42	0	6	1	99	0.00	0.0	4.853	0.007	0	0	0	2
PD.1415	PL.13303	A	fuse6AMP	15.04Y	125.3	0.00	0.67	0.42	7	6	1	99	0.00	0.0	4.853	0.000	0	0	0	2
PL.13304	PD.1415	A	4ACSR	15.04Y	125.3	0.00	0.67	0.42	0	6	1	99	0.00	0.0	4.889	0.036	0	0	0	2
437911	PL.13304	A	Consumer	15.04Y	125.3	0.00	0.67	0.25	0	4	0	100	0.00	0.0	4.889	0.000	4	0	1	1
437905	PL.13304	A	Consumer	15.04Y	125.3	0.00	0.67	0.17	0	3	0	100	0.00	0.0	4.889	0.000	3	0	1	1
PL.13305	PL.13302	A	6ACWC	15.04Y	125.3	0.02	0.68	8.01	4	120	13	99	0.04	0.0	4.920	0.074	0	0	0	27
		B		14.87Y	123.9	0.02	2.11	13.17	7	194	29	99	0	0	0	0	0	0	0	44
		C		15.01Y	125.0	-0.00	0.96	0.00	0	0	0	100	0	0	0	0	0	0	0	0
437925	PL.13305	B	Consumer	14.87Y	123.9	0.00	2.11	0.58	0	9	1	99	0.00	0.0	4.920	0.000	9	1	1	1
PL.13306	PL.13305	A	6ACWC	15.04Y	125.3	0.02	0.70	8.01	4	120	13	99	0.04	0.0	4.998	0.078	0	0	0	27
		B		14.86Y	123.9	0.02	2.13	12.60	7	185	28	99	0	0	0	0	0	0	0	43
		C		15.01Y	125.0	-0.00	0.95	0.00	0	0	0	100	0	0	0	0	0	0	0	0
437904	PL.13306	B	Consumer	14.86Y	123.9	0.00	2.13	0.23	0	3	0	100	0.00	0.0	4.998	0.000	3	0	1	1
PL.13307	PL.13306	A	6ACWC	15.03Y	125.3	0.01	0.71	8.01	4	120	13	99	0.02	0.0	5.038	0.040	0	0	0	27
		B		14.86Y	123.9	0.01	2.14	12.37	6	182	28	99	0	0	0	0	0	0	0	42
		C		15.01Y	125.0	-0.00	0.95	0.00	0	0	0	100	0	0	0	0	0	0	0	0

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.13308	PL.13307	A	6ACWC	15.03Y	125.3	0.01	0.72	7.90	4	118	13	99	0.02	0.0	5.088	0.050	0	0	0	26
		B		14.86Y	123.9	0.01	2.15	12.37	6	182	28	99					0	0	0	42
		C		15.01Y	125.1	-0.00	0.95	0.00	0	0	0	100					0	0	0	0
PL.13311	PL.13308	A	6ACWC	15.03Y	125.3	0.02	0.73	7.90	4	118	13	99	0.04	0.0	5.163	0.075	0	0	0	26
		B		14.86Y	123.8	0.02	2.16	12.15	6	179	27	99					0	0	0	41
		C		15.01Y	125.1	-0.00	0.95	0.00	0	0	0	100					0	0	0	0
PL.13313	PL.13311	A	4ACSR	15.03Y	125.3	0.00	0.73	0.27	0	4	0	100	0.00	0.0	5.177	0.014	0	0	0	1
PD.1417	PL.13313	A	fuse6AMP	15.03Y	125.3	0.00	0.73	0.27	5	4	0	100	0.00	0.0	5.177	0.000	0	0	0	1
PL.14016	PD.1417	A	4ACSR	15.03Y	125.3	0.00	0.73	0.27	0	4	0	100	0.00	0.0	5.206	0.029	0	0	0	1
437941	PL.14016	A	Consumer	15.03Y	125.3	0.00	0.73	0.27	0	4	0	100	0.00	0.0	5.206	0.000	4	0	1	1
PL.13312	PL.13311	A	6ACWC	15.03Y	125.2	0.04	0.77	7.63	4	114	13	99	0.09	0.0	5.350	0.188	0	0	0	25
		B		14.86Y	123.8	0.04	2.20	12.15	6	178	27	99					0	0	0	41
		C		15.01Y	125.1	-0.01	0.94	0.00	0	0	0	100					0	0	0	0
PL.13715	PL.13312	A	6ACWC	15.02Y	125.2	0.04	0.81	7.63	4	114	13	99	0.08	0.0	5.527	0.177	0	0	0	25
		B		14.85Y	123.8	0.04	2.24	11.80	6	173	27	99					0	0	0	40
		C		15.01Y	125.1	-0.01	0.93	0.00	0	0	0	100					0	0	0	0
PL.13664	PL.13715	B	4ACSR	14.84Y	123.7	0.08	2.32	11.80	6	173	27	99	0.10	0.1	5.826	0.299	0	0	0	40
PD.336-B	PL.13664	B	Closed	14.84Y	123.7	0.00	2.32	11.80	0	173	27	99	0.00	0.0	5.826	0.000	0	0	0	40
PD.336-A	PD.336-B	B	Closed	14.84Y	123.7	0.00	2.32	11.80	0	173	27	99	0.00	0.0	5.826	0.000	0	0	0	40
PL.13663	PD.336-A	B	4ACSR	14.84Y	123.7	0.01	2.33	11.80	6	173	27	99	0.02	0.0	5.874	0.048	0	0	0	40
PL.27330	PL.13663	B	4ACSR	14.83Y	123.6	0.07	2.40	11.73	6	172	27	99	0.09	0.1	6.160	0.286	0	0	0	38
PL.27329	PL.27330	B	4ACSR	14.83Y	123.6	0.05	2.45	11.54	6	169	26	99	0.06	0.0	6.343	0.182	0	0	0	37
C PD.1410	PL.27329	B	fuse6AMP	14.83Y	123.6	0.00	2.45	11.54	197	169	26	99	0.00	0.0	6.343	0.000	0	0	0	37 C
PL.27579	PD.1410	B	4ACSR	14.83Y	123.5	0.01	2.45	11.54	6	169	26	99	0.01	0.0	6.368	0.025	0	0	0	37
PL.100	PL.27579	B	4ACSR	14.82Y	123.5	0.01	2.46	10.09	5	148	24	99	0.01	0.0	6.393	0.025	0	0	0	29
PL.15182	PL.100	B	4ACSR	14.82Y	123.5	0.02	2.47	10.09	5	148	24	99	0.02	0.0	6.464	0.072	0	0	0	29
PL.15181	PL.15182	B	4ACSR	14.82Y	123.5	0.00	2.48	9.71	5	142	23	99	0.00	0.0	6.482	0.018	0	0	0	28
PL.15180	PL.15181	B	4ACSR	14.82Y	123.5	0.01	2.49	9.71	5	142	23	99	0.01	0.0	6.527	0.045	0	0	0	27
PL.15179	PL.15180	B	4ACSR	14.82Y	123.5	0.01	2.50	7.80	4	114	20	98	0.01	0.0	6.583	0.055	0	0	0	23
PL.24739	PL.15179	B	4ACSR	14.82Y	123.5	0.01	2.51	7.03	4	102	19	98	0.01	0.0	6.645	0.062	0	0	0	22
PL.15178	PL.24739	B	4ACSR	14.82Y	123.5	0.01	2.52	6.69	3	97	18	98	0.01	0.0	6.746	0.102	0	0	0	21
PL.15177	PL.15178	B	4ACSR	14.82Y	123.5	0.01	2.53	5.02	3	73	16	98	0.00	0.0	6.827	0.081	0	0	0	18
PL.15176	PL.15177	B	4ACSR	14.82Y	123.5	0.00	2.53	5.02	3	73	16	98	0.00	0.0	6.848	0.021	0	0	0	17
PL.15175	PL.15176	B	4ACSR	14.82Y	123.5	0.01	2.54	4.04	2	58	14	97	0.00	0.0	6.910	0.062	0	0	0	15
PL.15174	PL.15175	B	4ACSR	14.81Y	123.4	0.02	2.56	4.04	2	58	14	97	0.01	0.0	7.101	0.191	0	0	0	15
PL.15173	PL.15174	B	4ACSR	14.81Y	123.4	0.01	2.56	3.57	2	51	13	97	0.00	0.0	7.188	0.087	0	0	0	11
PL.6702	PL.15173	B	4ACSR	14.81Y	123.4	0.00	2.57	3.44	2	49	13	97	0.00	0.0	7.237	0.049	0	0	0	10
PL.21502	PL.6702	B	4ACSR	14.81Y	123.4	0.00	2.57	2.46	1	35	11	95	0.00	0.0	7.295	0.058	0	0	0	8
PL.21501	PL.21502	B	4ACSR	14.81Y	123.4	0.00	2.57	2.19	1	31	11	94	0.00	0.0	7.328	0.033	0	0	0	7
PL.15172	PL.21501	B	4ACSR	14.81Y	123.4	0.00	2.58	2.16	1	30	11	94	0.00	0.0	7.421	0.093	0	0	0	6
PL.15171	PL.15172	B	4ACSR	14.81Y	123.4	0.00	2.58	0.67	0	10	1	100	0.00	0.0	7.645	0.224	0	0	0	1
PL.20393	PL.15171	B	4ACSR	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	7.656	0.011	0	0	0	0

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PD.334-B	PL.20393	B	Open	14.81Y	123.4	0.00	2.58	0.00	0	0	0	100	0.00	0.0	7.656	0.000	0	0	0	0
PL.1767	PL.15171	B	4ACSR	14.81Y	123.4	0.00	2.58	0.67	0	10	1	100	0.00	0.0	7.701	0.056	0	0	0	1
436701	PL.1767	B	Consumer	14.81Y	123.4	0.00	2.58	0.67	0	10	1	100	0.00	0.0	7.701	0.000	10	1	1	1
PL.20394	PL.15172	B	4ACSR	14.81Y	123.4	0.00	2.58	1.45	1	19	9	90	0.00	0.0	7.441	0.020	0	0	0	4
PD.1403	PL.20394	B	fuse6AMP	14.81Y	123.4	0.00	2.58	1.45	25	19	9	90	0.00	0.0	7.441	0.000	0	0	0	4
PL.20395	PD.1403	B	4ACSR	14.81Y	123.4	0.01	2.59	1.45	1	19	9	90	0.00	0.0	7.866	0.425	0	0	0	4
PL.17942	PL.20395	B	4ACSR	14.81Y	123.4	0.00	2.59	0.01	0	0	0	100	0.00	0.0	8.191	0.325	0	0	0	3
PL.6699	PL.17942	B	4ACSR	14.81Y	123.4	0.00	2.59	0.00	0	0	0	100	0.00	0.0	8.259	0.068	0	0	0	1
PL.6706	PL.6699	B	4ACSR	14.81Y	123.4	0.00	2.59	0.00	0	0	0	100	0.00	0.0	8.289	0.030	0	0	0	1
PL.17947	PL.6706	B	4ACSR	14.81Y	123.4	0.00	2.59	0.00	0	0	0	100	0.00	0.0	8.463	0.174	0	0	0	0
PL.17948	PL.17947	B	4ACSR	14.81Y	123.4	0.00	2.59	0.00	0	0	0	100	0.00	0.0	8.532	0.069	0	0	0	0
PL.1771	PL.17947	B	4ACSR	14.81Y	123.4	0.00	2.59	0.00	0	0	0	100	0.00	0.0	8.580	0.117	0	0	0	0
436806	PL.6706	B	Consumer	14.81Y	123.4	0.00	2.59	0.00	0	0	0	100	0.00	0.0	8.289	0.000	0	0	1	1
PL.1769	PL.17942	B	4ACSR	14.81Y	123.4	0.00	2.59	0.01	0	0	0	100	0.00	0.0	8.280	0.089	0	0	0	2
PL.1770	PL.1769	B	4ACSR	14.81Y	123.4	0.00	2.59	0.01	0	0	0	100	0.00	0.0	8.340	0.061	0	0	0	2
436714	PL.1770	B	Consumer	14.81Y	123.4	0.00	2.59	0.00	0	0	0	100	0.00	0.0	8.340	0.000	0	0	1	1
436719	PL.1770	B	Consumer	14.81Y	123.4	0.00	2.59	0.01	0	0	0	100	0.00	0.0	8.340	0.000	0	0	1	1
PL.1768	PL.20395	B	4ACSR	14.81Y	123.4	0.00	2.59	1.45	1	19	9	90	0.00	0.0	7.964	0.098	0	0	0	1
436711	PL.1768	B	Consumer	14.81Y	123.4	0.00	2.59	1.45	0	19	9	90	0.00	0.0	7.964	0.000	19	9	1	1
PL.1765	PL.15172	B	4ACSR	14.81Y	123.4	0.00	2.58	0.06	0	1	0	100	0.00	0.0	7.509	0.088	0	0	0	1
PL.1766	PL.1765	B	4ACSR	14.81Y	123.4	0.00	2.58	0.06	0	1	0	100	0.00	0.0	7.584	0.075	0	0	0	1
436704	PL.1766	B	Consumer	14.81Y	123.4	0.00	2.58	0.06	0	1	0	100	0.00	0.0	7.584	0.000	1	0	1	1
436705	PL.21501	B	Consumer	14.81Y	123.4	0.00	2.57	0.04	0	1	0	100	0.00	0.0	7.328	0.000	1	0	1	1
436712	PL.21502	B	Consumer	14.81Y	123.4	0.00	2.57	0.27	0	4	0	100	0.00	0.0	7.295	0.000	4	0	1	1
436715	PL.6702	B	Consumer	14.81Y	123.4	0.00	2.57	0.50	0	7	1	99	0.00	0.0	7.237	0.000	7	1	1	1
436706	PL.6702	B	Consumer	14.81Y	123.4	0.00	2.57	0.50	0	7	1	99	0.00	0.0	7.237	0.000	7	1	1	1
436717	PL.15173	B	Consumer	14.81Y	123.4	0.00	2.56	0.13	0	2	0	100	0.00	0.0	7.188	0.000	2	0	1	1
436707	PL.15174	B	Consumer	14.81Y	123.4	0.00	2.56	0.25	0	4	0	100	0.00	0.0	7.101	0.000	4	0	1	1
PL.20823	PL.15174	B	4ACSR	14.81Y	123.4	0.00	2.56	0.22	0	3	0	100	0.00	0.0	7.116	0.015	0	0	0	3
PD.1402	PL.20823	B	fuse6AMP	14.81Y	123.4	0.00	2.56	0.22	4	3	0	100	0.00	0.0	7.116	0.000	0	0	0	3
PL.20824	PD.1402	B	4ACSR	14.81Y	123.4	0.00	2.56	0.22	0	3	0	100	0.00	0.0	7.287	0.172	0	0	0	3
436708	PL.20824	B	Consumer	14.81Y	123.4	0.00	2.56	0.12	0	2	0	100	0.00	0.0	7.287	0.000	2	0	1	1
PL.2453	PL.20824	B	4ACSR	14.81Y	123.4	0.00	2.56	0.09	0	1	0	100	0.00	0.0	7.336	0.048	0	0	0	2
436718	PL.2453	B	Consumer	14.81Y	123.4	0.00	2.56	0.01	0	0	0	100	0.00	0.0	7.336	0.000	0	0	1	1
436709	PL.2453	B	Consumer	14.81Y	123.4	0.00	2.56	0.09	0	1	0	100	0.00	0.0	7.336	0.000	1	0	1	1
437719	PL.15176	B	Consumer	14.82Y	123.5	0.00	2.53	0.45	0	7	1	99	0.00	0.0	6.848	0.000	7	1	1	1
PL.2068	PL.15176	B	4ACSR	14.82Y	123.5	0.00	2.53	0.53	0	8	1	99	0.00	0.0	6.966	0.118	0	0	0	1
437718	PL.2068	B	Consumer	14.82Y	123.5	0.00	2.53	0.53	0	8	1	99	0.00	0.0	6.966	0.000	8	1	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.2071	PL.15177	B	4ACSR	14.82Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	6.903	0.076	0	0	0	1
437724	PL.2071	B	Consumer	14.82Y	123.5	0.00	2.53	0.00	0	0	0	100	0.00	0.0	6.903	0.000	0	0	1	1
PL.2070	PL.15178	B	4ACSR	14.82Y	123.5	0.00	2.52	1.34	1	20	2	100	0.00	0.0	6.853	0.107	0	0	0	2
437725	PL.2070	B	Consumer	14.82Y	123.5	0.00	2.52	0.71	0	11	1	100	0.00	0.0	6.853	0.000	11	1	1	1
437715	PL.2070	B	Consumer	14.82Y	123.5	0.00	2.52	0.63	0	9	1	99	0.00	0.0	6.853	0.000	9	1	1	1
PL.2069	PL.15178	B	4ACSR	14.82Y	123.5	0.00	2.52	0.34	0	5	1	98	0.00	0.0	6.806	0.060	0	0	0	1
437720	PL.2069	B	Consumer	14.82Y	123.5	0.00	2.52	0.34	0	5	1	98	0.00	0.0	6.806	0.000	5	1	1	1
437721	PL.24739	B	Consumer	14.82Y	123.5	0.00	2.51	0.34	0	5	1	98	0.00	0.0	6.645	0.000	5	1	1	1
437727	PL.15179	B	Consumer	14.82Y	123.5	0.00	2.50	0.77	0	11	1	100	0.00	0.0	6.583	0.000	11	1	1	1
PL.27573	PL.15180	B	4ACSR	14.82Y	123.5	0.00	2.49	1.42	1	21	2	100	0.00	0.0	6.545	0.018	0	0	0	3
PD.1407	PL.27573	B	fuse6AMP	14.82Y	123.5	0.00	2.49	1.42	24	21	2	100	0.00	0.0	6.545	0.000	0	0	0	3
PL.27574	PD.1407	B	4ACSR	14.82Y	123.5	0.00	2.49	1.42	1	21	2	100	0.00	0.0	6.659	0.114	0	0	0	3
PL.24746	PL.27574	B	4ACSR	14.82Y	123.5	0.00	2.49	0.83	0	12	1	100	0.00	0.0	6.694	0.035	0	0	0	2
PL.24747	PL.24746	B	4ACSR	14.82Y	123.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	6.732	0.038	0	0	0	1
437729	PL.24747	B	Consumer	14.82Y	123.5	0.00	2.49	0.00	0	0	0	100	0.00	0.0	6.732	0.000	0	0	1	1
437730	PL.24746	B	Consumer	14.82Y	123.5	0.00	2.49	0.83	0	12	1	100	0.00	0.0	6.694	0.000	12	1	1	1
PL.2066	PL.27574	B	4ACSR	14.82Y	123.5	0.00	2.49	0.59	0	9	1	99	0.00	0.0	6.735	0.076	0	0	0	1
437709	PL.2066	B	Consumer	14.82Y	123.5	0.00	2.49	0.59	0	9	1	99	0.00	0.0	6.735	0.000	9	1	1	1
437722	PL.15180	B	Consumer	14.82Y	123.5	0.00	2.49	0.50	0	7	1	99	0.00	0.0	6.527	0.000	7	1	1	1
437723	PL.15181	B	Consumer	14.82Y	123.5	0.00	2.48	0.00	0	0	0	100	0.00	0.0	6.482	0.000	0	0	1	1
PL.2067	PL.15182	B	4ACSR	14.82Y	123.5	0.00	2.47	0.38	0	6	1	99	0.00	0.0	6.523	0.059	0	0	0	1
437708	PL.2067	B	Consumer	14.82Y	123.5	0.00	2.47	0.38	0	6	1	99	0.00	0.0	6.523	0.000	6	1	1	1
PL.6718	PL.27579	B	4ACSR	14.82Y	123.5	0.01	2.46	1.45	1	21	2	100	0.00	0.0	6.628	0.260	0	0	0	8
PL.6719	PL.6718	B	4ACSR	14.82Y	123.5	0.00	2.46	0.27	0	4	0	100	0.00	0.0	6.835	0.206	0	0	0	3
PL.24732	PL.6719	B	4ACSR	14.82Y	123.5	0.00	2.46	0.27	0	4	0	100	0.00	0.0	6.944	0.109	0	0	0	3
437717	PL.24732	B	Consumer	14.82Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	6.944	0.000	0	0	1	1
PL.24734	PL.24732	B	4ACSR	14.82Y	123.5	0.00	2.46	0.25	0	4	0	100	0.00	0.0	7.000	0.057	0	0	0	1
PL.24735	PL.24734	B	4ACSR	14.82Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	7.015	0.015	0	0	0	0
PL.23940	PL.24735	B	4ACSR	14.82Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	7.019	0.004	0	0	0	0
437710	PL.24734	B	Consumer	14.82Y	123.5	0.00	2.46	0.25	0	4	0	100	0.00	0.0	7.000	0.000	4	0	1	1
PL.24733	PL.24732	B	4ACSR	14.82Y	123.5	0.00	2.46	0.02	0	0	0	100	0.00	0.0	7.262	0.318	0	0	0	1
438701	PL.24733	B	Consumer	14.82Y	123.5	0.00	2.46	0.02	0	0	0	100	0.00	0.0	7.262	0.000	0	0	1	1
437809	PL.6718	B	Consumer	14.82Y	123.5	0.00	2.46	0.19	0	3	0	100	0.00	0.0	6.628	0.000	3	0	1	1
PL.23941	PL.6718	B	4ACSR	14.82Y	123.5	0.00	2.46	0.86	0	13	1	100	0.00	0.0	6.674	0.046	0	0	0	1
437801	PL.23941	B	Consumer	14.82Y	123.5	0.00	2.46	0.86	0	13	1	100	0.00	0.0	6.674	0.000	13	1	1	1
PL.27331	PL.6718	B	4ACSR	14.82Y	123.5	0.00	2.46	0.13	0	2	0	100	0.00	0.0	6.956	0.328	0	0	0	3
PL.23942	PL.27331	B	4ACSR	14.82Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	7.030	0.074	0	0	0	1
437807	PL.23942	B	Consumer	14.82Y	123.5	0.00	2.46	0.00	0	0	0	100	0.00	0.0	7.030	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.27332	PL.27331	B	4ACSR	14.82Y	123.5	0.00	2.46	0.13	0	2	0	100	0.00	0.0	7.023	0.067	0	0	0	2
437804	PL.27332	B	Consumer	14.82Y	123.5	0.00	2.46	0.02	0	0	0	100	0.00	0.0	7.023	0.000	0	0	1	1
437810	PL.27332	B	Consumer	14.82Y	123.5	0.00	2.46	0.11	0	2	0	100	0.00	0.0	7.023	0.000	2	0	1	1
PL.23939	PL.27330	B	4ACSR	14.83Y	123.6	0.00	2.40	0.20	0	3	0	100	0.00	0.0	6.247	0.087	0	0	0	1
437802	PL.23939	B	Consumer	14.83Y	123.6	0.00	2.40	0.20	0	3	0	100	0.00	0.0	6.247	0.000	3	0	1	1
437812	PL.13663	B	Consumer	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	5.874	0.000	0	0	1	1
437803	PL.13663	B	Consumer	14.84Y	123.7	0.00	2.33	0.00	0	0	0	100	0.00	0.0	5.874	0.000	0	0	0	0
437811	PL.13663	B	Consumer	14.84Y	123.7	0.00	2.33	0.06	0	1	0	100	0.00	0.0	5.874	0.000	1	0	1	1
PL.13712	PL.13715	A	4ACSR	15.02Y	125.2	0.00	0.81	7.63	4	114	13	99	0.00	0.0	5.554	0.027	0	0	0	25
PD.2445	PL.13712	A	25V4E	15.02Y	125.2	0.00	0.81	7.63	31	114	13	99	0.00	0.0	5.554	0.000	0	0	0	25
PL.13713	PD.2445	A	4ACSR	15.02Y	125.2	0.01	0.82	7.63	4	114	13	99	0.01	0.0	5.620	0.065	0	0	0	25
PL.13714	PL.13713	A	4ACSR	15.02Y	125.1	0.03	0.86	6.99	4	104	12	99	0.03	0.0	5.847	0.228	0	0	0	23
PL.13716	PL.13714	A	4ACSR	15.02Y	125.1	0.01	0.87	6.99	4	104	12	99	0.01	0.0	5.915	0.068	0	0	0	23
PL.2458	PL.13716	A	4ACSR	15.02Y	125.1	0.00	0.87	0.15	0	2	0	100	0.00	0.0	6.025	0.110	0	0	0	1
PL.2457	PL.2458	A	4ACSR	15.02Y	125.1	0.00	0.87	0.00	0	0	0	100	0.00	0.0	6.402	0.376	0	0	0	0
436803	PL.2458	A	Consumer	15.02Y	125.1	0.00	0.87	0.15	0	2	0	100	0.00	0.0	6.025	0.000	2	0	1	1
PL.13717	PL.13716	A	4ACSR	15.01Y	125.1	0.07	0.94	6.84	4	102	11	99	0.06	0.1	6.430	0.515	0	0	0	22
436930	PL.13717	A	Consumer	15.01Y	125.1	0.00	0.94	0.66	0	10	1	100	0.00	0.0	6.430	0.000	10	1	1	1
PL.27992	PL.13717	A	4ACSR	15.01Y	125.0	0.01	0.95	6.18	3	92	10	99	0.01	0.0	6.511	0.081	0	0	0	21
PL.27993	PL.27992	A	4ACSR	15.01Y	125.0	0.00	0.96	5.85	3	87	10	99	0.00	0.0	6.540	0.029	0	0	0	20
PL.2464	PL.27993	A	4ACSR	15.01Y	125.0	0.00	0.96	0.68	0	10	1	100	0.00	0.0	6.573	0.033	0	0	0	1
436935	PL.2464	A	Consumer	15.01Y	125.0	0.00	0.96	0.68	0	10	1	100	0.00	0.0	6.573	0.000	10	1	1	1
436933	PL.27993	A	Consumer	15.01Y	125.0	0.00	0.96	0.31	0	5	1	98	0.00	0.0	6.540	0.000	5	1	1	1
PL.24804	PL.27993	A	4ACSR	15.00Y	125.0	0.01	0.96	4.87	3	73	8	99	0.00	0.0	6.598	0.058	0	0	0	18
PL.6703	PL.24804	A	4ACSR	15.00Y	125.0	0.00	0.96	0.70	0	10	1	100	0.00	0.0	6.643	0.045	0	0	0	5
PL.6704	PL.6703	A	4ACSR	15.00Y	125.0	0.00	0.96	0.18	0	3	0	100	0.00	0.0	6.694	0.051	0	0	0	1
PL.24805	PL.6704	A	4ACSR	15.00Y	125.0	0.00	0.96	0.18	0	3	0	100	0.00	0.0	6.713	0.019	0	0	0	1
436934	PL.24805	A	Consumer	15.00Y	125.0	0.00	0.96	0.18	0	3	0	100	0.00	0.0	6.713	0.000	3	0	1	1
PL.24806	PL.24805	A	4ACSR	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	6.786	0.073	0	0	0	0
PL.2459	PL.24806	A	4ACSR	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	7.103	0.317	0	0	0	0
436902	PL.2459	A	Consumer	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	7.103	0.000	0	0	0	0
PL.2460	PL.2459	A	4ACSR	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	7.169	0.067	0	0	0	0
436910	PL.2460	A	Consumer	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	7.169	0.000	0	0	0	0
436931	PL.6703	A	Consumer	15.00Y	125.0	0.00	0.96	0.01	0	0	0	100	0.00	0.0	6.643	0.000	0	0	1	1
436913	PL.6703	A	Consumer	15.00Y	125.0	0.00	0.96	0.12	0	2	0	100	0.00	0.0	6.643	0.000	2	0	1	1
436914	PL.6703	A	Consumer	15.00Y	125.0	0.00	0.96	0.18	0	3	0	100	0.00	0.0	6.643	0.000	3	0	1	1
436928	PL.6703	A	Consumer	15.00Y	125.0	0.00	0.96	0.21	0	3	0	100	0.00	0.0	6.643	0.000	3	0	1	1
PL.6705	PL.24804	A	4ACSR	15.00Y	125.0	0.00	0.97	2.53	1	38	4	99	0.00	0.0	6.684	0.085	0	0	0	10

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.13719	PL.6705	A	4ACSR	15.00Y	125.0	0.01	0.97	2.53	1	38	4	99	0.00	0.0	6.804	0.120	0	0	0	10
PL.2461	PL.13719	A	4ACSR	15.00Y	125.0	0.00	0.97	0.38	0	6	1	99	0.00	0.0	6.875	0.071	0	0	0	1
436921	PL.2461	A	Consumer	15.00Y	125.0	0.00	0.97	0.38	0	6	1	99	0.00	0.0	6.875	0.000	6	1	1	1
436901	PL.13719	A	Consumer	15.00Y	125.0	0.00	0.97	0.25	0	4	0	100	0.00	0.0	6.804	0.000	4	0	1	1
PL.13722	PL.13719	A	4ACSR	15.00Y	125.0	0.01	0.98	1.90	1	28	3	99	0.00	0.0	7.017	0.213	0	0	0	8
PL.2462	PL.13722	A	4ACSR	15.00Y	125.0	0.00	0.98	0.33	0	5	1	98	0.00	0.0	7.150	0.133	0	0	0	1
435801	PL.2462	A	Consumer	15.00Y	125.0	0.00	0.98	0.33	0	5	1	98	0.00	0.0	7.150	0.000	5	1	1	1
PL.13723	PL.13722	A	4ACSR	15.00Y	125.0	0.00	0.98	1.57	1	23	3	99	0.00	0.0	7.055	0.038	0	0	0	7
PL.13724	PL.13723	A	4ACSR	15.00Y	125.0	0.01	1.00	1.49	1	22	2	100	0.00	0.0	7.524	0.469	0	0	0	6
435901	PL.13724	A	Consumer	15.00Y	125.0	0.00	1.00	0.19	0	3	0	100	0.00	0.0	7.524	0.000	3	0	1	1
435916	PL.13724	A	Consumer	15.00Y	125.0	0.00	1.00	0.19	0	3	0	100	0.00	0.0	7.524	0.000	3	0	1	1
PL.24807	PL.13724	A	4ACSR	15.00Y	125.0	0.00	1.00	1.11	1	17	2	99	0.00	0.0	7.602	0.078	0	0	0	4
PL.19275	PL.24807	A	4ACSR	15.00Y	125.0	0.00	1.00	1.11	1	17	2	99	0.00	0.0	7.638	0.036	0	0	0	4
435908	PL.19275	A	Consumer	15.00Y	125.0	0.00	1.00	0.15	0	2	0	100	0.00	0.0	7.638	0.000	2	0	1	1
PL.19276	PL.19275	A	4ACSR	15.00Y	125.0	0.00	1.00	0.97	0	14	2	99	0.00	0.0	7.678	0.039	0	0	0	3
PL.27990	PL.19276	A	4ACSR	15.00Y	125.0	0.00	1.00	0.74	0	11	1	100	0.00	0.0	7.734	0.056	0	0	0	2
435910	PL.27990	A	Consumer	15.00Y	125.0	0.00	1.00	0.57	0	9	1	99	0.00	0.0	7.734	0.000	9	1	1	1
PL.27991	PL.27990	A	4ACSR	15.00Y	125.0	0.00	1.00	0.17	0	3	0	100	0.00	0.0	7.770	0.036	0	0	0	1
435911	PL.27991	A	Consumer	15.00Y	125.0	0.00	1.00	0.17	0	3	0	100	0.00	0.0	7.770	0.000	3	0	1	1
PL.14009	PL.27991	A	4ACSR	15.00Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	7.883	0.113	0	0	0	0
PD.335-A	PL.14009	A	Open	15.00Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	7.883	0.000	0	0	0	0
435909	PL.19276	A	Consumer	15.00Y	125.0	0.00	1.00	0.22	0	3	0	100	0.00	0.0	7.678	0.000	3	0	1	1
435918	PL.24807	A	Consumer	15.00Y	125.0	0.00	1.00	0.00	0	0	0	100	0.00	0.0	7.602	0.000	0	0	0	0
PL.2463	PL.13723	A	4ACSR	15.00Y	125.0	0.00	0.98	0.08	0	1	0	100	0.00	0.0	7.174	0.119	0	0	0	1
436915	PL.2463	A	Consumer	15.00Y	125.0	0.00	0.98	0.08	0	1	0	100	0.00	0.0	7.174	0.000	1	0	1	1
PL.13718	PL.24804	A	4ACSR	15.00Y	125.0	0.00	0.96	1.64	1	24	3	99	0.00	0.0	6.620	0.022	0	0	0	3
436912	PL.13718	A	Consumer	15.00Y	125.0	0.00	0.96	0.24	0	4	0	100	0.00	0.0	6.620	0.000	4	0	1	1
PL.13720	PL.13718	A	4ACSR	15.00Y	125.0	0.00	0.96	1.40	1	21	2	100	0.00	0.0	6.691	0.071	0	0	0	2
436917	PL.13720	A	Consumer	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	6.691	0.000	0	0	0	0
PL.33211	PL.13720	A	4ACSR	15.00Y	125.0	0.00	0.97	1.40	1	21	2	100	0.00	0.0	6.833	0.142	0	0	0	2
PL.33212	PL.33211	A	4ACSR	15.00Y	125.0	0.00	0.97	0.81	0	12	1	100	0.00	0.0	6.900	0.067	0	0	0	1
436906	PL.33212	A	Consumer	15.00Y	125.0	0.00	0.97	0.81	0	12	1	100	0.00	0.0	6.900	0.000	12	1	1	1
4369038	PL.33211	A	Consumer	15.00Y	125.0	0.00	0.97	0.59	0	9	1	99	0.00	0.0	6.833	0.000	9	1	1	1
PL.45648	PL.13720	A	2ACSR	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	6.740	0.049	0	0	0	0
436911	PL.45648	A	Consumer	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	6.740	0.000	0	0	0	0
436929	PL.27992	A	Consumer	15.01Y	125.0	0.00	0.95	0.32	0	5	1	98	0.00	0.0	6.511	0.000	5	1	1	1
PL.30332	PL.13713	A	4ACSR	15.02Y	125.2	0.00	0.82	0.64	0	10	1	100	0.00	0.0	5.701	0.082	0	0	0	2
4378013	PL.30332	A	Consumer	15.02Y	125.2	0.00	0.82	0.62	0	9	1	99	0.00	0.0	5.701	0.000	9	1	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.30333	PL.30332	A	4ACSR	15.02Y	125.2	0.00	0.82	0.02	0	0	0	100	0.00	0.0	5.757	0.055	0	0	0	1
437806	PL.30333	A	Consumer	15.02Y	125.2	0.00	0.82	0.02	0	0	0	100	0.00	0.0	5.757	0.000	0	0	1	1
437808	PL.13312	B	Consumer	14.86Y	123.8	0.00	2.20	0.36	0	5	1	98	0.00	0.0	5.350	0.000	5	1	1	1
437902	PL.13308	B	Consumer	14.86Y	123.9	0.00	2.15	0.22	0	3	0	100	0.00	0.0	5.088	0.000	3	0	1	1
PL.13309	PL.13307	A	4ACSR	15.03Y	125.3	0.00	0.71	0.11	0	2	0	100	0.00	0.0	5.046	0.009	0	0	0	1
PD.1416	PL.13309	A	fuse6AMP	15.03Y	125.3	0.00	0.71	0.11	2	2	0	100	0.00	0.0	5.046	0.000	0	0	0	1
PL.13310	PD.1416	A	4ACSR	15.03Y	125.3	0.00	0.71	0.11	0	2	0	100	0.00	0.0	5.086	0.040	0	0	0	1
437903	PL.13310	A	Consumer	15.03Y	125.3	0.00	0.71	0.11	0	2	0	100	0.00	0.0	5.086	0.000	2	0	1	1
437942	PL.13310	A	Consumer	15.03Y	125.3	0.00	0.71	0.00	0	0	0	100	0.00	0.0	5.086	0.000	0	0	0	0
437910	PL.20149	B	Consumer	14.87Y	123.9	0.00	2.08	0.30	0	4	0	100	0.00	0.0	4.802	0.000	4	0	1	1
437955	PL.20149	B	Consumer	14.87Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	4.802	0.000	0	0	1	1
437908	PL.20149	B	Consumer	14.87Y	123.9	0.00	2.08	0.16	0	2	0	100	0.00	0.0	4.802	0.000	2	0	1	1
437909	PL.20149	B	Consumer	14.87Y	123.9	0.00	2.08	0.23	0	3	0	100	0.00	0.0	4.802	0.000	3	0	1	1
437926	PL.20149	B	Consumer	14.87Y	123.9	0.00	2.08	0.08	0	1	0	100	0.00	0.0	4.802	0.000	1	0	1	1
437929	PL.20149	B	Consumer	14.87Y	123.9	0.00	2.08	0.20	0	3	0	100	0.00	0.0	4.802	0.000	3	0	1	1
437907	PL.20149	B	Consumer	14.87Y	123.9	0.00	2.08	0.20	0	3	0	100	0.00	0.0	4.802	0.000	3	0	1	1
437950	PL.20148	B	Consumer	14.87Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	4.751	0.000	0	0	0	0
437927	PL.20148	B	Consumer	14.87Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	4.751	0.000	0	0	0	0
PL.14007	PL.14005	A	4ACSR	15.05Y	125.4	0.00	0.58	0.57	0	9	1	99	0.00	0.0	4.490	0.018	0	0	0	2
PD.1414	PL.14007	A	fuse6AMP	15.05Y	125.4	0.00	0.58	0.57	10	9	1	99	0.00	0.0	4.490	0.000	0	0	0	2
PL.14008	PD.1414	A	4ACSR	15.05Y	125.4	0.00	0.58	0.57	0	9	1	99	0.00	0.0	4.541	0.051	0	0	0	2
PL.31887	PL.14008	A	4ACSR	15.05Y	125.4	0.00	0.58	0.28	0	4	0	100	0.00	0.0	4.672	0.131	0	0	0	1
4379057	PL.31887	A	Consumer	15.05Y	125.4	0.00	0.58	0.28	0	4	0	100	0.00	0.0	4.672	0.000	4	0	1	1
PL.23538	PL.14008	A	4ACSR	15.05Y	125.4	0.00	0.58	0.29	0	4	0	100	0.00	0.0	4.580	0.040	0	0	0	1
437915	PL.23538	A	Consumer	15.05Y	125.4	0.00	0.58	0.29	0	4	0	100	0.00	0.0	4.580	0.000	4	0	1	1
437917	PL.6720	B	Consumer	14.89Y	124.0	0.00	1.96	0.33	0	5	1	98	0.00	0.0	4.369	0.000	5	1	1	1
437918	PL.6720	B	Consumer	14.89Y	124.0	0.00	1.96	0.72	0	11	1	100	0.00	0.0	4.369	0.000	11	1	1	1
437951	PL.6720	B	Consumer	14.89Y	124.0	0.00	1.96	0.14	0	2	0	100	0.00	0.0	4.369	0.000	2	0	1	1
PL.23244	PL.23247	A	4ACSR	15.05Y	125.5	0.01	0.54	6.43	3	96	11	99	0.01	0.0	4.352	0.091	0	0	0	29
PD.3514	PL.23244	A	25V4E	15.05Y	125.5	0.00	0.54	6.43	26	96	11	99	0.00	0.0	4.352	0.000	0	0	0	29
PL.23245	PD.3514	A	4ACSR	15.05Y	125.5	0.00	0.54	6.43	3	96	11	99	0.00	0.0	4.372	0.020	0	0	0	29
PD.989	PL.23245	A	fuse10AMP	15.05Y	125.5	0.00	0.54	6.43	67	96	11	99	0.00	0.0	4.372	0.000	0	0	0	29
PL.14004	PD.989	A	4ACSR	15.05Y	125.5	0.00	0.55	6.43	3	96	11	99	0.00	0.0	4.398	0.026	0	0	0	29
437919	PL.14004	A	Consumer	15.05Y	125.5	0.00	0.55	0.11	0	2	0	100	0.00	0.0	4.398	0.000	2	0	1	1
PL.6721	PL.14004	A	4ACSR	15.05Y	125.4	0.01	0.56	6.32	3	95	10	99	0.01	0.0	4.509	0.111	0	0	0	28
PL.13771	PL.6721	A	4ACSR	15.05Y	125.4	0.01	0.57	6.26	3	94	10	99	0.01	0.0	4.598	0.089	0	0	0	27
PL.32990	PL.13771	A	4ACSR	15.05Y	125.4	0.00	0.58	0.51	0	8	1	99	0.00	0.0	4.603	0.005	0	0	0	5
PD.3940	PL.32990	A	fuse6AMP	15.05Y	125.4	0.00	0.58	0.51	9	8	1	99	0.00	0.0	4.603	0.000	0	0	0	5

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.32991	PD.3940	A	4ACSR	15.05Y	125.4	0.00	0.58	0.51	0	8	1	99	0.00	0.0	4.634	0.030	0	0	0	5
PL.13774	PL.32991	A	4ACSR	15.05Y	125.4	0.00	0.58	0.51	0	8	1	99	0.00	0.0	4.843	0.209	0	0	0	5
PL.2511	PL.13774	A	4ACSR	15.05Y	125.4	0.00	0.58	0.06	0	1	0	100	0.00	0.0	4.899	0.056	0	0	0	3
PL.1772	PL.2511	A	4ACSR	15.05Y	125.4	0.00	0.58	0.00	0	0	0	100	0.00	0.0	4.899	0.001	0	0	0	0
PL.1773	PL.2511	A	4ACSR	15.05Y	125.4	0.00	0.58	0.04	0	1	0	100	0.00	0.0	4.972	0.073	0	0	0	2
436919	PL.1773	A	Consumer	15.05Y	125.4	0.00	0.58	0.03	0	1	0	100	0.00	0.0	4.972	0.000	1	0	1	1
436918	PL.1773	A	Consumer	15.05Y	125.4	0.00	0.58	0.01	0	0	0	100	0.00	0.0	4.972	0.000	0	0	1	1
436927	PL.2511	A	Consumer	15.05Y	125.4	0.00	0.58	0.01	0	0	0	100	0.00	0.0	4.899	0.000	0	0	1	1
437943	PL.13774	A	Consumer	15.05Y	125.4	0.00	0.58	0.04	0	1	0	100	0.00	0.0	4.843	0.000	1	0	1	1
437912	PL.13774	A	Consumer	15.05Y	125.4	0.00	0.58	0.42	0	6	1	99	0.00	0.0	4.843	0.000	6	1	1	1
PL.13772	PL.13771	A	4ACSR	15.05Y	125.4	0.01	0.59	5.22	3	78	9	99	0.01	0.0	4.698	0.100	0	0	0	21
PL.2510	PL.13772	A	4ACSR	15.05Y	125.4	0.00	0.59	0.00	0	0	0	100	0.00	0.0	4.698	0.000	0	0	0	0
PL.116	PL.13772	A	4ACSR	15.05Y	125.4	0.03	0.62	5.22	3	78	9	99	0.02	0.0	4.980	0.282	0	0	0	21
PL.15540	PL.116	A	4ACSR	15.05Y	125.4	0.00	0.62	5.22	3	78	9	99	0.00	0.0	5.013	0.032	0	0	0	21
446204	PL.15540	A	Consumer	15.05Y	125.4	0.00	0.62	0.02	0	0	0	100	0.00	0.0	5.013	0.000	0	0	1	1
PL.2744	PL.15540	A	4ACSR	15.05Y	125.4	0.00	0.62	4.38	2	65	7	99	0.00	0.0	5.013	0.001	0	0	0	18
PL.14517	PL.2744	A	4ACSR	15.05Y	125.4	0.00	0.62	4.38	2	65	7	99	0.00	0.0	5.055	0.041	0	0	0	18
PL.13769	PL.14517	A	4ACSR	15.04Y	125.4	0.00	0.63	4.38	2	65	7	99	0.00	0.0	5.060	0.006	0	0	0	18
PD.383-A	PL.13769	A	Closed	15.04Y	125.4	0.00	0.63	4.38	0	65	7	99	0.00	0.0	5.060	0.000	0	0	0	18
PD.383-B	PD.383-A	A	Closed	15.04Y	125.4	0.00	0.63	4.38	0	65	7	99	0.00	0.0	5.060	0.000	0	0	0	18
PL.13770	PD.383-B	A	4ACSR	15.04Y	125.4	0.02	0.65	4.38	2	65	7	99	0.01	0.0	5.292	0.232	0	0	0	18
PL.13768	PL.13770	A	4ACSR	15.04Y	125.3	0.01	0.66	4.38	2	65	7	99	0.01	0.0	5.440	0.148	0	0	0	17
PL.26624	PL.13768	A	4ACSR	15.04Y	125.3	0.00	0.66	3.93	2	59	6	99	0.00	0.0	5.440	0.000	0	0	0	15
PL.26623	PL.26624	A	4ACSR	15.04Y	125.3	0.01	0.67	3.01	2	45	5	99	0.00	0.0	5.620	0.180	0	0	0	13
PL.14120	PL.26623	A	4ACSR	15.04Y	125.3	0.00	0.67	2.74	1	41	5	99	0.00	0.0	5.635	0.016	0	0	0	11
PL.14116	PL.14120	A	4ACSR	15.04Y	125.3	0.01	0.69	2.74	1	41	5	99	0.00	0.0	5.856	0.221	0	0	0	11
PL.14119	PL.14116	A	4ACSR	15.04Y	125.3	0.00	0.69	0.67	0	10	1	100	0.00	0.0	5.862	0.006	0	0	0	2
PD.1406	PL.14119	A	fuse6AMP	15.04Y	125.3	0.00	0.69	0.67	11	10	1	100	0.00	0.0	5.862	0.000	0	0	0	2
PL.14118	PD.1406	A	4ACSR	15.04Y	125.3	0.00	0.69	0.67	0	10	1	100	0.00	0.0	5.869	0.007	0	0	0	2
436908	PL.14118	A	Consumer	15.04Y	125.3	0.00	0.69	0.16	0	2	0	100	0.00	0.0	5.869	0.000	2	0	1	1
PL.2465	PL.14118	A	4ACSR	15.04Y	125.3	0.00	0.69	0.50	0	8	1	99	0.00	0.0	5.917	0.048	0	0	0	1
436936	PL.2465	A	Consumer	15.04Y	125.3	0.00	0.69	0.50	0	8	1	99	0.00	0.0	5.917	0.000	8	1	1	1
PL.14117	PL.14116	A	4ACSR	15.04Y	125.3	0.00	0.69	2.08	1	31	3	100	0.00	0.0	5.907	0.051	0	0	0	9
PL.14114	PL.14117	A	4ACSR	15.04Y	125.3	0.01	0.69	1.67	1	25	3	99	0.00	0.0	6.051	0.144	0	0	0	8
436907	PL.14114	A	Consumer	15.04Y	125.3	0.00	0.69	0.17	0	3	0	100	0.00	0.0	6.051	0.000	3	0	1	1
436932	PL.14114	A	Consumer	15.04Y	125.3	0.00	0.69	0.42	0	6	1	99	0.00	0.0	6.051	0.000	6	1	1	1
436925	PL.14114	A	Consumer	15.04Y	125.3	0.00	0.69	0.14	0	2	0	100	0.00	0.0	6.051	0.000	2	0	1	1
436924	PL.14114	A	Consumer	15.04Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	6.051	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.14115	PL.14114	A	4ACSR	15.04Y	125.3	0.00	0.70	0.93	0	14	2	99	0.00	0.0	6.205	0.154	0	0	0	5
435917	PL.14115	A	Consumer	15.04Y	125.3	0.00	0.70	0.13	0	2	0	100	0.00	0.0	6.205	0.000	2	0	1	1
PL.14113	PL.14115	A	4ACSR	15.04Y	125.3	0.00	0.70	0.81	0	12	1	100	0.00	0.0	6.443	0.239	0	0	0	3
PL.24803	PL.14113	A	4ACSR	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	6.527	0.084	0	0	0	0
PL.2455	PL.14113	A	4ACSR	15.04Y	125.3	0.00	0.70	0.68	0	10	1	100	0.00	0.0	6.482	0.039	0	0	0	2
PL.2456	PL.2455	A	4ACSR	15.04Y	125.3	0.00	0.70	0.68	0	10	1	100	0.00	0.0	6.526	0.044	0	0	0	2
PL.14010	PL.2456	A	4ACSR	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	6.532	0.006	0	0	0	0
PD.335-B	PL.14010	A	Open	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	6.532	0.000	0	0	0	0
435907	PL.2456	A	Consumer	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	6.526	0.000	0	0	0	0
435912	PL.2456	A	Consumer	15.04Y	125.3	0.00	0.70	0.54	0	8	1	99	0.00	0.0	6.526	0.000	8	1	1	1
435906	PL.2456	A	Consumer	15.04Y	125.3	0.00	0.70	0.14	0	2	0	100	0.00	0.0	6.526	0.000	2	0	1	1
435905	PL.14113	A	Consumer	15.04Y	125.3	0.00	0.70	0.13	0	2	0	100	0.00	0.0	6.443	0.000	2	0	1	1
PL.45666	PL.14115	A	4ACSR	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	6.302	0.098	0	0	0	1
PL.45667	PL.45666	A	4ACSR	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	6.558	0.255	0	0	0	1
435904	PL.45667	A	Consumer	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	6.558	0.000	0	0	1	1
PL.45665	PL.45666	A	2ACSR	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	6.340	0.038	0	0	0	0
4359022	PL.45665	A	Consumer	15.04Y	125.3	0.00	0.70	0.00	0	0	0	100	0.00	0.0	6.340	0.000	0	0	0	0
PL.2057	PL.14117	A	4ACSR	15.04Y	125.3	0.00	0.69	0.41	0	6	1	99	0.00	0.0	6.063	0.156	0	0	0	1
436937	PL.2057	A	Consumer	15.04Y	125.3	0.00	0.69	0.41	0	6	1	99	0.00	0.0	6.063	0.000	6	1	1	1
PL.2466	PL.14117	A	4ACSR	15.04Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	5.937	0.030	0	0	0	0
PL.1774	PL.2466	A	4ACSR	15.04Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	5.984	0.047	0	0	0	0
436916	PL.1774	A	Consumer	15.04Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	5.984	0.000	0	0	0	0
436920	PL.2466	A	Consumer	15.04Y	125.3	0.00	0.69	0.00	0	0	0	100	0.00	0.0	5.937	0.000	0	0	0	0
PL.26622	PL.26623	A	4ACSR	15.04Y	125.3	0.00	0.67	0.27	0	4	0	100	0.00	0.0	5.643	0.023	0	0	0	2
PD.1460	PL.26622	A	fuse6AMP	15.04Y	125.3	0.00	0.67	0.27	5	4	0	100	0.00	0.0	5.643	0.000	0	0	0	2
PL.26621	PD.1460	A	4ACSR	15.04Y	125.3	0.00	0.67	0.27	0	4	0	100	0.00	0.0	5.682	0.038	0	0	0	2
446201	PL.26621	A	Consumer	15.04Y	125.3	0.00	0.67	0.23	0	4	0	100	0.00	0.0	5.682	0.000	4	0	1	1
446207	PL.26621	A	Consumer	15.04Y	125.3	0.00	0.67	0.04	0	1	0	100	0.00	0.0	5.682	0.000	1	0	1	1
PL.13766	PL.26624	A	4ACSR	15.04Y	125.3	0.00	0.66	0.91	0	14	2	99	0.00	0.0	5.455	0.015	0	0	0	2
PD.1458	PL.13766	A	fuse6AMP	15.04Y	125.3	0.00	0.66	0.91	16	14	2	99	0.00	0.0	5.455	0.000	0	0	0	2
PL.13767	PD.1458	A	4ACSR	15.04Y	125.3	0.00	0.66	0.91	0	14	2	99	0.00	0.0	5.525	0.071	0	0	0	2
PL.2745	PL.13767	A	4ACSR	15.04Y	125.3	0.00	0.66	0.57	0	9	1	99	0.00	0.0	5.587	0.061	0	0	0	1
446217	PL.2745	A	Consumer	15.04Y	125.3	0.00	0.66	0.57	0	9	1	99	0.00	0.0	5.587	0.000	9	1	1	1
PL.26625	PL.13767	A	4ACSR	15.04Y	125.3	0.00	0.66	0.34	0	5	1	98	0.00	0.0	5.592	0.067	0	0	0	1
446208	PL.26625	A	Consumer	15.04Y	125.3	0.00	0.66	0.34	0	5	1	98	0.00	0.0	5.592	0.000	5	1	1	1
446202	PL.13768	A	Consumer	15.04Y	125.3	0.00	0.66	0.45	0	7	1	99	0.00	0.0	5.440	0.000	7	1	1	1
PL.13764	PL.13768	A	4ACSR	15.04Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	5.456	0.017	0	0	0	1
PD.1459	PL.13764	A	fuse6AMP	15.04Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	5.456	0.000	0	0	0	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.13765	PD.1459	A	4ACSR	15.04Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	5.484	0.027	0	0	0	1
446216	PL.13765	A	Consumer	15.04Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	5.484	0.000	0	0	1	1
PL.24757	PL.13765	A	4ACSR	15.04Y	125.3	0.00	0.66	0.00	0	0	0	100	0.00	0.0	5.535	0.051	0	0	0	0
PL.45506	PL.13770	A	4ACSR	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	5.317	0.025	0	0	0	1
PD.8659	PL.45506	A	fuse6AMP	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	5.317	0.000	0	0	0	1
PL.45507	PD.8659	A	4ACSR	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	5.538	0.221	0	0	0	1
446205	PL.45507	A	Consumer	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	5.538	0.000	0	0	0	0
PL.2723	PL.45507	A	4ACSR	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	5.628	0.091	0	0	0	1
PL.24754	PL.2723	A	4ACSR	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	5.702	0.073	0	0	0	0
PL.24755	PL.24754	A	4ACSR	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	5.702	0.000	0	0	0	0
PL.2725	PL.2723	A	4ACSR	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	5.713	0.085	0	0	0	1
446209	PL.2725	A	Consumer	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	5.713	0.000	0	0	1	1
PL.2724	PL.2723	A	4ACSR	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	5.752	0.124	0	0	0	0
PL.24758	PL.2724	A	4ACSR	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	5.905	0.153	0	0	0	0
PL.24759	PL.24758	A	4ACSR	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	6.073	0.167	0	0	0	0
446210	PL.24759	A	Consumer	15.04Y	125.4	0.00	0.65	0.00	0	0	0	100	0.00	0.0	6.073	0.000	0	0	0	0
PL.6458	PL.15540	A	4ACSR	15.05Y	125.4	0.00	0.62	0.83	0	12	1	100	0.00	0.0	5.090	0.077	0	0	0	2
PL.19470	PL.6458	A	4ACSR	15.05Y	125.4	0.00	0.62	0.40	0	6	1	99	0.00	0.0	5.154	0.064	0	0	0	1
447232	PL.19470	A	Consumer	15.05Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	5.154	0.000	0	0	0	0
447243	PL.19470	A	Consumer	15.05Y	125.4	0.00	0.62	0.40	0	6	1	99	0.00	0.0	5.154	0.000	6	1	1	1
PL.19471	PL.19470	A	4ACSR	15.05Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	5.276	0.122	0	0	0	0
PL.2767	PL.19471	A	4ACSR	15.05Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	5.312	0.035	0	0	0	0
PL.2766	PL.2767	A	4ACSR	15.05Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	5.356	0.044	0	0	0	0
447245	PL.6458	A	Consumer	15.05Y	125.4	0.00	0.62	0.00	0	0	0	100	0.00	0.0	5.090	0.000	0	0	0	0
447240	PL.6458	A	Consumer	15.05Y	125.4	0.00	0.62	0.43	0	6	1	99	0.00	0.0	5.090	0.000	6	1	1	1
PL.31888	PL.13771	A	4ACSR	15.05Y	125.4	0.00	0.58	0.54	0	8	1	99	0.00	0.0	4.720	0.121	0	0	0	1
4379056	PL.31888	A	Consumer	15.05Y	125.4	0.00	0.58	0.54	0	8	1	99	0.00	0.0	4.720	0.000	8	1	1	1
437931	PL.6721	A	Consumer	15.05Y	125.4	0.00	0.56	0.06	0	1	0	100	0.00	0.0	4.509	0.000	1	0	1	1
437922	PL.14015	C	Consumer	15.00Y	125.0	0.00	1.01	0.33	0	5	1	98	0.00	0.0	4.035	0.000	5	1	1	1
437954	PL.14015	C	Consumer	15.00Y	125.0	0.00	1.01	0.33	0	5	1	98	0.00	0.0	4.035	0.000	5	1	1	1
PL.13294	PL.14011	B	4ACSR	14.90Y	124.2	0.00	1.84	1.04	1	15	2	99	0.00	0.0	3.977	0.010	0	0	0	3
PD.1413	PL.13294	B	fuse6AMP	14.90Y	124.2	0.00	1.84	1.04	18	15	2	99	0.00	0.0	3.977	0.000	0	0	0	3
PL.13295	PD.1413	B	4ACSR	14.90Y	124.2	0.00	1.84	1.04	1	15	2	99	0.00	0.0	4.094	0.117	0	0	0	3
437948	PL.13295	B	Consumer	14.90Y	124.2	0.00	1.84	0.56	0	8	1	99	0.00	0.0	4.094	0.000	8	1	1	1
PL.45903	PL.13295	B	2ACSR	14.90Y	124.2	0.00	1.84	0.49	0	7	1	99	0.00	0.0	4.132	0.038	0	0	0	2
PL.45904	PL.45903	B	2ACSR	14.90Y	124.2	0.00	1.84	0.49	0	7	1	99	0.00	0.0	4.167	0.034	0	0	0	2
PL.45902	PL.45904	B	4ACSR	14.90Y	124.2	0.00	1.84	0.07	0	1	0	100	0.00	0.0	4.192	0.025	0	0	0	1
PL.2671	PL.45902	B	4ACSR	14.90Y	124.2	0.00	1.84	0.07	0	1	0	100	0.00	0.0	4.239	0.047	0	0	0	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
437947	PL.2671	B	Consumer	14.90Y	124.2	0.00	1.84	0.07	0	1	0	100	0.00	0.0	4.239	0.000	1	0	1	1
437953	PL.2671	B	Consumer	14.90Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	4.239	0.000	0	0	0	0
PL.13299	PL.45902	B	4ACSR	14.90Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	4.235	0.043	0	0	0	0
PL.45901	PL.45904	B	4ACSR	14.90Y	124.2	0.00	1.84	0.41	0	6	1	99	0.00	0.0	4.245	0.078	0	0	0	1
PL.6727	PL.45901	B	4ACSR	14.90Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	4.245	0.001	0	0	0	0
437952	PL.45901	B	Consumer	14.90Y	124.2	0.00	1.84	0.41	0	6	1	99	0.00	0.0	4.245	0.000	6	1	1	1
4379059	PL.45903	B	Consumer	14.90Y	124.2	0.00	1.84	0.00	0	0	0	100	0.00	0.0	4.132	0.000	0	0	0	0
PL.13296	PL.14011	A B C	1/0ACSR	15.07Y 14.90Y 15.00Y	125.6 124.2 125.0	-0.00 0.00 0.00	0.41 1.84 1.01	6.69 13.75 23.49	2 4 7	100 204 350	12 23 40	99 99 99	0.01 0.0 0.0	0.0	3.979	0.011	0 0 0	0 0 0	0 0 0	19 55 74
PD.337-A	PL.13296	A B C	Closed	15.07Y 14.90Y 15.00Y	125.6 124.2 125.0	0.00 0.00 0.00	0.41 1.84 1.01	6.69 13.75 23.49	0 0 0	100 204 350	12 23 40	99 99 99	0.00 0.0 0.0	0.0	3.979	0.000	0 0 0	0 0 0	0 0 0	19 55 74
PD.337-B	PD.337-A	A B C	Closed	15.07Y 14.90Y 15.00Y	125.6 124.2 125.0	0.00 0.00 0.00	0.41 1.84 1.01	6.69 13.75 23.49	0 0 0	100 204 350	12 23 40	99 99 99	0.00 0.0 0.0	0.0	3.979	0.000	0 0 0	0 0 0	0 0 0	19 55 74
PL.13297	PD.337-B	A B C	1/0ACSR	15.07Y 14.90Y 15.00Y	125.6 124.1 125.0	-0.00 0.01 0.01	0.41 1.85 1.02	6.69 13.75 23.49	2 4 7	100 204 350	12 23 40	99 99 99	0.03 0.0 0.0	0.0	4.025	0.046	0 0 0	0 0 0	0 0 0	19 55 74
PL.14017	PL.13297	A B C	1/0ACSR	15.07Y 14.89Y 14.99Y	125.6 124.1 124.9	-0.01 0.05 0.05	0.41 1.90 1.07	6.69 13.75 23.49	2 4 7	100 204 350	12 23 40	99 99 99	0.20 0.0 0.0	0.0	4.308	0.283	0 0 0	0 0 0	0 0 0	19 55 74
438911	PL.14017	B	Consumer	14.89Y	124.1	0.00	1.90	0.00	0	0	0	100	0.00	0.0	4.308	0.000	0	0	0	0
PL.14018	PL.14017	A B C	1/0ACSR	15.07Y 14.89Y 14.99Y	125.6 124.1 124.9	-0.00 0.02 0.02	0.41 1.92 1.09	6.69 13.75 23.49	2 4 7	100 203 350	12 23 40	99 99 99	0.07 0.0 0.0	0.0	4.405	0.097	0 0 0	0 0 0	0 0 0	19 55 74
PL.14021	PL.14018	A B C	1/0ACSR	15.07Y 14.89Y 14.99Y	125.6 124.1 124.9	-0.00 0.01 0.01	0.41 1.93 1.10	6.69 13.72 23.49	2 4 7	100 203 350	12 23 40	99 99 99	0.05 0.0 0.0	0.0	4.469	0.064	0 0 0	0 0 0	0 0 0	19 54 74
PL.14022	PL.14021	B	4ACSR	14.89Y	124.1	0.00	1.93	0.11	0	2	0	100	0.00	0.0	4.627	0.158	0	0	0	2
PD.341-A	PL.14022	B	Closed	14.89Y	124.1	0.00	1.93	0.11	0	2	0	100	0.00	0.0	4.627	0.000	0	0	0	2
PD.341-B	PD.341-A	B	Closed	14.89Y	124.1	0.00	1.93	0.11	0	2	0	100	0.00	0.0	4.627	0.000	0	0	0	2
PL.2668	PD.341-B	B	4ACSR	14.89Y	124.1	0.00	1.93	0.11	0	2	0	100	0.00	0.0	4.746	0.120	0	0	0	2
437930	PL.2668	B	Consumer	14.89Y	124.1	0.00	1.93	0.10	0	1	0	100	0.00	0.0	4.746	0.000	1	0	1	1
PL.2669	PL.2668	B	4ACSR	14.89Y	124.1	0.00	1.93	0.02	0	0	0	100	0.00	0.0	4.890	0.144	0	0	0	1
PL.2670	PL.2669	B	4ACSR	14.89Y	124.1	0.00	1.93	0.02	0	0	0	100	0.00	0.0	4.938	0.048	0	0	0	1
437940	PL.2670	B	Consumer	14.89Y	124.1	0.00	1.93	0.02	0	0	0	100	0.00	0.0	4.938	0.000	0	0	1	1
PL.14023	PL.14021	A B C	1/0ACSR	15.07Y 14.89Y 14.99Y	125.6 124.1 124.9	-0.00 0.00 0.00	0.41 1.93 1.10	6.69 13.61 23.49	2 4 7	100 201 350	12 23 40	99 99 99	0.01 0.0 0.0	0.0	4.477	0.008	0 0 0	0 0 0	0 0 0	19 52 74
C PD.992 C C	PL.14023	A B C	fuse6AMP	15.07Y 14.89Y 14.99Y	125.6 124.1 124.9	0.00 0.00 0.00	0.41 1.93 1.10	6.69 13.61 23.49	114 232 401	100 201 350	12 23 40	99 99 99	0.00 0.0 0.0	0.0	4.477	0.000	0 0 0	0 0 0	0 0 0	19 C 52 C 74 C
PL.13775	PD.992	A B C	1/0ACSR	15.07Y 14.89Y 14.98Y	125.6 124.1 124.9	-0.00 0.02 0.02	0.40 1.95 1.13	6.69 13.61 23.49	2 4 7	100 201 350	12 23 40	99 99 99	0.08 0.0 0.0	0.0	4.591	0.114	0 0 0	0 0 0	0 0 0	19 52 74
PL.13776	PL.13775	A B C	1/0ACSR	15.07Y 14.89Y 14.98Y	125.6 124.0 124.9	-0.00 0.01 0.01	0.40 1.96 1.14	6.69 13.27 23.49	2 4 7	100 196 350	12 22 40	99 99 99	0.04 0.0 0.0	0.0	4.645	0.054	0 0 0	0 0 0	0 0 0	19 51 74

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
438919	PL.13776	B	Consumer	14.89Y	124.0	0.00	1.96	0.20	0	3	0	100	0.00	0.0	4.645	0.000	3	0	1	1
PL.13778	PL.13776	A	1/0ACSR	15.07Y	125.6	-0.00	0.40	6.69	2	100	12	99	0.05	0.0	4.712	0.068	0	0	0	19
		B		14.88Y	124.0	0.01	1.97	13.07	4	193	22	99					0	0	0	49
		C		14.98Y	124.8	0.01	1.15	23.49	7	350	40	99					0	0	0	74
PL.13779	PL.13778	A	1/0ACSR	15.07Y	125.6	-0.00	0.40	6.69	2	100	12	99	0.02	0.0	4.742	0.030	0	0	0	19
		B		14.88Y	124.0	0.00	1.97	12.55	4	186	21	99					0	0	0	48
		C		14.98Y	124.8	0.01	1.16	23.49	7	350	40	99					0	0	0	74
PL.13777	PL.13779	A	1/0ACSR	15.07Y	125.6	-0.00	0.40	6.69	2	100	12	99	0.02	0.0	4.766	0.023	0	0	0	19
		B		14.88Y	124.0	0.00	1.98	12.34	4	183	21	99					0	0	0	47
		C		14.98Y	124.8	0.00	1.16	23.49	7	350	40	99					0	0	0	74
438930	PL.13777	B	Consumer	14.88Y	124.0	0.00	1.98	0.64	0	9	1	99	0.00	0.0	4.766	0.000	9	1	1	1
PL.13780	PL.13777	A	1/0ACSR	15.07Y	125.6	-0.00	0.40	6.69	2	100	12	99	0.03	0.0	4.812	0.046	0	0	0	19
		B		14.88Y	124.0	0.01	1.98	11.70	4	173	20	99					0	0	0	46
		C		14.98Y	124.8	0.01	1.17	23.49	7	350	40	99					0	0	0	74
PL.13783	PL.13780	B	4ACSR	14.88Y	124.0	0.00	1.98	0.98	1	14	4	96	0.00	0.0	4.819	0.007	0	0	0	4
PD.993	PL.13783	B	fuse6AMP	14.88Y	124.0	0.00	1.98	0.98	17	14	4	96	0.00	0.0	4.819	0.000	0	0	0	4
PL.13784	PD.993	B	4ACSR	14.88Y	124.0	0.00	1.99	0.98	1	14	4	96	0.00	0.0	4.833	0.014	0	0	0	4
PL.13782	PL.13784	B	4ACSR	14.88Y	124.0	0.00	1.99	0.49	0	7	3	92	0.00	0.0	4.898	0.065	0	0	0	3
438925	PL.13782	B	Consumer	14.88Y	124.0	0.00	1.99	0.49	0	7	3	92	0.00	0.0	4.898	0.000	7	3	1	1
438942	PL.13782	B	Consumer	14.88Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	4.898	0.000	0	0	1	1
PL.33926	PL.13782	B	2ACSR	14.88Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	5.041	0.143	0	0	0	1
4389043	PL.33926	B	Consumer	14.88Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	5.041	0.000	0	0	1	1
438912	PL.13784	B	Consumer	14.88Y	124.0	0.00	1.99	0.51	0	7	1	99	0.00	0.0	4.833	0.000	7	1	1	1
PL.13781	PL.13780	A	1/0ACSR	15.07Y	125.6	-0.01	0.39	6.69	2	100	12	99	0.13	0.0	5.011	0.199	0	0	0	19
		B		14.88Y	124.0	0.03	2.01	9.84	3	146	14	100					0	0	0	38
		C		14.97Y	124.8	0.04	1.21	23.49	7	350	40	99					0	0	0	74
PL.14156	PL.13781	A	1/0ACSR	15.07Y	125.6	-0.00	0.39	6.69	2	100	12	99	0.01	0.0	5.025	0.014	0	0	0	19
		B		14.88Y	124.0	0.00	2.01	8.22	2	122	12	100					0	0	0	33
		C		14.97Y	124.8	0.00	1.22	23.49	7	349	40	99					0	0	0	74
C PD.995	PL.14156	A	fuse6AMP	15.07Y	125.6	0.00	0.39	6.69	114	100	12	99	0.00	0.0	5.025	0.000	0	0	0	19 C
C		B		14.88Y	124.0	0.00	2.01	8.22	140	122	12	100					0	0	0	33 C
C		C		14.97Y	124.8	0.00	1.22	23.49	401	349	40	99					0	0	0	74 C
PL.27654	PD.995	A	1/0ACSR	15.07Y	125.6	-0.00	0.39	6.69	2	100	12	99	0.03	0.0	5.079	0.054	0	0	0	19
		B		14.88Y	124.0	0.01	2.02	8.22	2	122	12	100					0	0	0	33
		C		14.97Y	124.8	0.01	1.23	23.49	7	349	40	99					0	0	0	74
PL.27655	PL.27654	A	1/0ACSR	15.07Y	125.6	-0.00	0.39	6.69	2	100	12	99	0.06	0.0	5.181	0.103	0	0	0	19
		B		14.88Y	124.0	0.01	2.03	7.68	2	114	11	100					0	0	0	31
		C		14.97Y	124.7	0.02	1.25	23.49	7	349	40	99					0	0	0	74
PL.14157	PL.27655	B	4ACSR	14.88Y	124.0	0.00	2.03	1.19	1	18	2	99	0.00	0.0	5.210	0.028	0	0	0	4
PD.996	PL.14157	B	fuse6AMP	14.88Y	124.0	0.00	2.03	1.19	20	18	2	99	0.00	0.0	5.210	0.000	0	0	0	4
PL.14158	PD.996	B	4ACSR	14.88Y	124.0	0.00	2.03	1.19	1	18	2	99	0.00	0.0	5.277	0.067	0	0	0	4
PL.2525	PL.14158	B	4ACSR	14.88Y	124.0	0.00	2.03	0.36	0	5	1	98	0.00	0.0	5.370	0.094	0	0	0	1
438921	PL.2525	B	Consumer	14.88Y	124.0	0.00	2.03	0.36	0	5	1	98	0.00	0.0	5.370	0.000	5	1	1	1
PL.2521	PL.14158	B	4ACSR	14.88Y	124.0	0.00	2.03	0.83	0	12	1	100	0.00	0.0	5.357	0.081	0	0	0	3
PL.2522	PL.2521	B	4ACSR	14.88Y	124.0	0.00	2.03	0.39	0	6	1	99	0.00	0.0	5.408	0.051	0	0	0	1
PL.2666	PL.2522	B	4ACSR	14.88Y	124.0	0.00	2.03	0.00	0	0	0	100	0.00	0.0	5.452	0.044	0	0	0	0
PL.2667	PL.2522	B	4ACSR	14.88Y	124.0	0.00	2.03	0.39	0	6	1	99	0.00	0.0	5.490	0.082	0	0	0	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
438826	PL.2667	B	Consumer	14.88Y	124.0	0.00	2.03	0.39	0	6	1	99	0.00	0.0	5.490	0.000	6	1	1	1
PL.2680	PL.2521	B	4ACSR	14.88Y	124.0	0.00	2.03	0.44	0	7	1	99	0.00	0.0	5.391	0.034	0	0	0	2
438843	PL.2680	B	Consumer	14.88Y	124.0	0.00	2.03	0.40	0	6	1	99	0.00	0.0	5.391	0.000	6	1	1	1
438864	PL.2680	B	Consumer	14.88Y	124.0	0.00	2.03	0.04	0	1	0	100	0.00	0.0	5.391	0.000	1	0	1	1
PL.14159	PL.27655	A	1/0ACSR	15.07Y	125.6	-0.00	0.38	6.69	2	100	12	99	0.05	0.0	5.258	0.076	0	0	0	19
		B		14.88Y	124.0	0.01	2.04	6.48	2	96	9	100					0	0	0	27
		C		14.97Y	124.7	0.02	1.27	23.49	7	349	40	99					0	0	0	74
PL.14162	PL.14159	B	4ACSR	14.88Y	124.0	0.00	2.04	0.76	0	11	1	100	0.00	0.0	5.267	0.010	0	0	0	4
PD.998	PL.14162	B	fuse6AMP	14.88Y	124.0	0.00	2.04	0.76	13	11	1	100	0.00	0.0	5.267	0.000	0	0	0	4
PL.14163	PD.998	B	4ACSR	14.88Y	124.0	0.00	2.04	0.76	0	11	1	100	0.00	0.0	5.335	0.068	0	0	0	4
438901	PL.14163	B	Consumer	14.88Y	124.0	0.00	2.04	0.25	0	4	0	100	0.00	0.0	5.335	0.000	4	0	1	1
438926	PL.14163	B	Consumer	14.88Y	124.0	0.00	2.04	0.51	0	8	1	99	0.00	0.0	5.335	0.000	8	1	1	1
438932	PL.14163	B	Consumer	14.88Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	5.335	0.000	0	0	1	1
PL.2519	PL.14163	B	4ACSR	14.88Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	5.500	0.165	0	0	0	1
PL.2673	PL.2519	B	4ACSR	14.88Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	5.558	0.058	0	0	0	1
438931	PL.2673	B	Consumer	14.88Y	124.0	0.00	2.04	0.00	0	0	0	100	0.00	0.0	5.558	0.000	0	0	1	1
PL.14164	PL.14159	A	1/0ACSR	15.07Y	125.6	-0.00	0.38	6.69	2	100	12	99	0.06	0.0	5.364	0.106	0	0	0	19
		B		14.87Y	124.0	0.01	2.05	5.55	2	82	7	100					0	0	0	22
		C		14.96Y	124.7	0.02	1.29	23.49	7	349	39	99					0	0	0	74
PL.14165	PL.14164	A	1/0ACSR	15.07Y	125.6	-0.00	0.38	6.69	2	100	12	99	0.03	0.0	5.413	0.049	0	0	0	19
		B		14.87Y	123.9	0.00	2.05	4.45	1	66	6	100					0	0	0	19
		C		14.96Y	124.7	0.01	1.30	23.49	7	349	39	99					0	0	0	74
438812	PL.14165	B	Consumer	14.87Y	123.9	0.00	2.05	0.27	0	4	0	100	0.00	0.0	5.413	0.000	4	0	1	1
PL.6716	PL.14165	A	1/0ACSR	15.07Y	125.6	-0.00	0.38	6.69	2	100	12	99	0.02	0.0	5.454	0.041	0	0	0	19
		B		14.87Y	123.9	0.00	2.05	4.18	1	62	6	100					0	0	0	18
		C		14.96Y	124.7	0.01	1.31	23.49	7	349	39	99					0	0	0	74
PL.14731	PL.6716	B	4ACSR	14.87Y	123.9	0.00	2.05	0.27	0	4	0	100	0.00	0.0	5.464	0.010	0	0	0	1
PD.1000	PL.14731	B	fuse6AMP	14.87Y	123.9	0.00	2.05	0.27	5	4	0	100	0.00	0.0	5.464	0.000	0	0	0	1
PL.14732	PD.1000	B	4ACSR	14.87Y	123.9	0.00	2.05	0.27	0	4	0	100	0.00	0.0	5.533	0.069	0	0	0	1
438815	PL.14732	B	Consumer	14.87Y	123.9	0.00	2.05	0.27	0	4	0	100	0.00	0.0	5.533	0.000	4	0	1	1
PL.14733	PL.6716	A	1/0ACSR	15.08Y	125.6	-0.00	0.37	6.69	2	100	12	99	0.05	0.0	5.530	0.076	0	0	0	19
		B		14.87Y	123.9	0.01	2.06	3.91	1	58	6	100					0	0	0	17
		C		14.96Y	124.7	0.02	1.33	23.49	7	349	39	99					0	0	0	74
PL.14586	PL.14733	A	1/0ACSR	15.08Y	125.6	-0.00	0.37	6.69	2	100	12	99	0.05	0.0	5.616	0.086	0	0	0	19
		B		14.87Y	123.9	0.01	2.06	3.37	1	50	5	100					0	0	0	14
		C		14.96Y	124.6	0.02	1.35	23.49	7	349	39	99					0	0	0	74
PL.14587	PL.14586	B	4ACSR	14.87Y	123.9	0.00	2.06	0.73	0	11	1	100	0.00	0.0	5.632	0.016	0	0	0	2
PD.1002	PL.14587	B	fuse6AMP	14.87Y	123.9	0.00	2.06	0.73	13	11	1	100	0.00	0.0	5.632	0.000	0	0	0	2
PL.14588	PD.1002	B	4ACSR	14.87Y	123.9	0.00	2.07	0.73	0	11	1	100	0.00	0.0	5.691	0.059	0	0	0	2
438821	PL.14588	B	Consumer	14.87Y	123.9	0.00	2.07	0.36	0	5	1	98	0.00	0.0	5.691	0.000	5	1	1	1
438823	PL.14588	B	Consumer	14.87Y	123.9	0.00	2.07	0.37	0	5	1	98	0.00	0.0	5.691	0.000	5	1	1	1
438825	PL.14586	B	Consumer	14.87Y	123.9	0.00	2.06	0.17	0	3	0	100	0.00	0.0	5.616	0.000	3	0	1	1
438859	PL.14586	B	Consumer	14.87Y	123.9	0.00	2.06	0.00	0	0	0	100	0.00	0.0	5.616	0.000	0	0	0	0
438860	438859	B	Consumer	14.87Y	123.9	0.00	2.06	0.00	0	0	0	100	0.00	0.0	5.616	0.000	0	0	0	0

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts					kV Loss	% Loss	mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF					KW	% Loss			KW
438858	PL.14586	B	Consumer	14.87Y	123.9	0.00	2.06	0.00	0	0	0	100	0.00	0.0	5.616	0.000	0	0	1	1
PL.14590	PL.14586	A	1/0ACSR	15.08Y	125.6	-0.00	0.37	6.69	2	100	12	99	0.02	0.0	5.651	0.035	0	0	0	19
		B		14.87Y	123.9	0.00	2.07	2.47	1	37	3	100					0	0	0	10
		C		14.96Y	124.6	0.01	1.36	23.49	7	349	39	99					0	0	0	74
PD.2651	PL.14590	A	25V4E	15.08Y	125.6	0.00	0.37	6.69	27	100	12	99	0.00	0.0	5.651	0.000	0	0	0	19
		B		14.87Y	123.9	0.00	2.07	2.47	10	37	3	100					0	0	0	10
C		C		14.96Y	124.6	0.00	1.36	23.49	94	349	39	99					0	0	0	74 C
PL.14591	PD.2651	A	1/0ACSR	15.08Y	125.6	-0.00	0.37	6.69	2	100	12	99	0.00	0.0	5.656	0.005	0	0	0	19
		B		14.87Y	123.9	0.00	2.07	2.47	1	37	3	100					0	0	0	10
		C		14.96Y	124.6	0.00	1.36	23.49	7	349	39	99					0	0	0	74
438850	PL.14591	B	Consumer	14.87Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	5.656	0.000	0	0	1	1
PL.14589	PL.14591	A	1/0ACSR	15.08Y	125.6	-0.00	0.36	6.69	2	100	12	99	0.04	0.0	5.729	0.073	0	0	0	19
		B		14.87Y	123.9	0.00	2.07	1.90	1	28	3	99					0	0	0	6
		C		14.95Y	124.6	0.02	1.38	23.49	7	349	39	99					0	0	0	74
PL.6714	PL.14589	A	1/0ACSR	15.08Y	125.6	-0.00	0.36	6.69	2	100	11	99	0.05	0.0	5.812	0.084	0	0	0	19
		B		14.87Y	123.9	0.00	2.07	0.80	0	12	1	99					0	0	0	4
		C		14.95Y	124.6	0.02	1.40	23.49	7	349	39	99					0	0	0	74
PL.98	PL.6714	A	1/0ACSR	15.08Y	125.6	-0.01	0.35	6.69	2	100	11	99	0.07	0.0	5.920	0.108	0	0	0	19
		B		14.87Y	123.9	0.00	2.08	0.00	0	0	0	100					0	0	0	0
		C		14.95Y	124.6	0.03	1.43	23.49	7	349	39	99					0	0	0	74
PL.99	PL.98	A	4ACSR	15.08Y	125.6	0.01	0.37	6.69	3	100	11	99	0.01	0.0	6.016	0.096	0	0	0	19
PL.18495	PL.99	A	4ACSR	15.08Y	125.6	0.00	0.37	6.69	3	100	11	99	0.00	0.0	6.021	0.005	0	0	0	19
C PD.1005	PL.18495	A	fuse8AMP	15.08Y	125.6	0.00	0.37	6.69	92	100	11	99	0.00	0.0	6.021	0.000	0	0	0	19 C
PL.18494	PD.1005	A	4ACSR	15.07Y	125.6	0.01	0.38	6.69	3	100	11	99	0.01	0.0	6.083	0.062	0	0	0	19
PL.6707	PL.18494	A	4ACSR	15.07Y	125.6	0.01	0.39	6.69	3	100	11	99	0.01	0.0	6.155	0.073	0	0	0	19
PL.2512	PL.6707	A	4ACSR	15.07Y	125.6	0.00	0.39	0.39	0	6	1	99	0.00	0.0	6.231	0.076	0	0	0	1
438822	PL.2512	A	Consumer	15.07Y	125.6	0.00	0.39	0.39	0	6	1	99	0.00	0.0	6.231	0.000	6	1	1	1
PL.14412	PL.6707	A	4ACSR	15.07Y	125.6	0.02	0.41	6.08	3	91	10	99	0.01	0.0	6.316	0.161	0	0	0	17
PL.2686	PL.14412	A	4ACSR	15.07Y	125.6	0.00	0.41	0.55	0	8	1	99	0.00	0.0	6.455	0.139	0	0	0	1
439807	PL.2686	A	Consumer	15.07Y	125.6	0.00	0.41	0.55	0	8	1	99	0.00	0.0	6.455	0.000	8	1	1	1
PL.14413	PL.14412	A	4ACSR	15.07Y	125.6	0.00	0.41	5.53	3	83	10	99	0.00	0.0	6.358	0.041	0	0	0	16
PL.13079	PL.14413	A	4ACSR	15.07Y	125.6	0.01	0.42	4.85	3	73	8	99	0.00	0.0	6.409	0.051	0	0	0	13
C PD.1411	PL.13079	A	fuse6AMP	15.07Y	125.6	0.00	0.42	4.85	83	73	8	99	0.00	0.0	6.409	0.000	0	0	0	13 C
PL.14414	PD.1411	A	4ACSR	15.07Y	125.6	0.00	0.42	4.85	3	73	8	99	0.00	0.0	6.415	0.006	0	0	0	13
439805	PL.14414	A	Consumer	15.07Y	125.6	0.00	0.42	0.58	0	9	1	99	0.00	0.0	6.415	0.000	9	1	1	1
PL.24284	PL.14414	A	4ACSR	15.07Y	125.5	0.04	0.46	4.27	2	64	7	99	0.02	0.0	6.858	0.443	0	0	0	12
PL.591	PL.24284	A	4ACSR	15.07Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	6.858	0.000	0	0	0	0
PL.13080	PL.24284	A	4ACSR	15.06Y	125.5	0.00	0.46	4.27	2	64	7	99	0.00	0.0	6.874	0.016	0	0	0	12
PL.13081	PL.13080	A	4ACSR	15.06Y	125.5	0.00	0.46	3.88	2	58	7	99	0.00	0.0	6.931	0.057	0	0	0	11
PL.589	PL.13081	A	4ACSR	15.06Y	125.5	0.00	0.46	0.84	0	13	1	100	0.00	0.0	6.975	0.044	0	0	0	1
PL.1112	PL.589	A	4ACSR	15.06Y	125.5	0.00	0.47	0.84	0	13	1	100	0.00	0.0	7.040	0.065	0	0	0	1
010814	PL.1112	A	Consumer	15.06Y	125.5	0.00	0.47	0.84	0	13	1	100	0.00	0.0	7.040	0.000	13	1	1	1
010810	PL.13081	A	Consumer	15.06Y	125.5	0.00	0.46	0.00	0	0	0	100	0.00	0.0	6.931	0.000	0	0	0	0
010805	PL.13081	A	Consumer	15.06Y	125.5	0.00	0.46	0.24	0	4	0	100	0.00	0.0	6.931	0.000	4	0	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.13082	PL.13081	A	4ACSR	15.06Y	125.5	0.01	0.47	2.80	1	42	5	99	0.00	0.0	7.027	0.096	0	0	0	9
PL.13083	PL.13082	A	4ACSR	15.06Y	125.5	0.01	0.47	2.15	1	32	4	99	0.00	0.0	7.151	0.124	0	0	0	6
PL.1113	PL.13083	A	4ACSR	15.06Y	125.5	0.00	0.48	0.08	0	1	1	71	0.00	0.0	7.240	0.089	0	0	0	1
010806	PL.1113	A	Consumer	15.06Y	125.5	0.00	0.48	0.08	0	1	1	71	0.00	0.0	7.240	0.000	1	1	1	1
PL.13084	PL.13083	A	4ACSR	15.06Y	125.5	0.00	0.48	2.08	1	31	3	100	0.00	0.0	7.199	0.049	0	0	0	5
PL.19322	PL.13084	A	4ACSR	15.06Y	125.5	0.00	0.48	1.51	1	23	2	100	0.00	0.0	7.266	0.066	0	0	0	4
PL.19323	PL.19322	A	4ACSR	15.06Y	125.5	0.00	0.48	0.84	0	13	1	100	0.00	0.0	7.324	0.059	0	0	0	3
010807	PL.19323	A	Consumer	15.06Y	125.5	0.00	0.48	0.62	0	9	1	99	0.00	0.0	7.324	0.000	9	1	1	1
PL.13085	PL.19323	A	4ACSR	15.06Y	125.5	0.00	0.48	0.22	0	3	0	100	0.00	0.0	7.366	0.041	0	0	0	2
0108018	PL.13085	A	Consumer	15.06Y	125.5	0.00	0.48	0.05	0	1	0	100	0.00	0.0	7.366	0.000	1	0	1	1
010808	PL.13085	A	Consumer	15.06Y	125.5	0.00	0.48	0.17	0	3	0	100	0.00	0.0	7.366	0.000	3	0	1	1
010811	PL.19322	A	Consumer	15.06Y	125.5	0.00	0.48	0.66	0	10	1	100	0.00	0.0	7.266	0.000	10	1	1	1
010803	PL.13084	A	Consumer	15.06Y	125.5	0.00	0.48	0.57	0	9	1	99	0.00	0.0	7.199	0.000	9	1	1	1
PL.590	PL.13082	A	4ACSR	15.06Y	125.5	0.00	0.47	0.65	0	10	1	100	0.00	0.0	7.204	0.177	0	0	0	3
010802	PL.590	A	Consumer	15.06Y	125.5	0.00	0.47	0.33	0	5	1	98	0.00	0.0	7.204	0.000	5	1	1	1
PL.1115	PL.590	A	4ACSR	15.06Y	125.5	0.00	0.47	0.16	0	2	0	100	0.00	0.0	7.249	0.045	0	0	0	1
010815	PL.1115	A	Consumer	15.06Y	125.5	0.00	0.47	0.16	0	2	0	100	0.00	0.0	7.249	0.000	2	0	1	1
PL.1117	PL.590	A	4ACSR	15.06Y	125.5	0.00	0.47	0.16	0	2	0	100	0.00	0.0	7.384	0.180	0	0	0	1
010816	PL.1117	A	Consumer	15.06Y	125.5	0.00	0.47	0.16	0	2	0	100	0.00	0.0	7.384	0.000	2	0	1	1
010817	PL.13080	A	Consumer	15.06Y	125.5	0.00	0.46	0.40	0	6	1	99	0.00	0.0	6.874	0.000	6	1	1	1
PL.27796	PL.14413	A	4ACSR	15.07Y	125.6	0.00	0.41	0.68	0	10	1	100	0.00	0.0	6.403	0.046	0	0	0	3
PL.27797	PL.27796	A	4ACSR	15.07Y	125.6	0.00	0.41	0.57	0	9	1	99	0.00	0.0	6.456	0.053	0	0	0	2
PL.24283	PL.27797	A	4ACSR	15.07Y	125.6	0.00	0.41	0.26	0	4	0	100	0.00	0.0	6.538	0.082	0	0	0	1
439801	PL.24283	A	Consumer	15.07Y	125.6	0.00	0.41	0.26	0	4	0	100	0.00	0.0	6.538	0.000	4	0	1	1
439804	PL.27797	A	Consumer	15.07Y	125.6	0.00	0.41	0.31	0	5	1	98	0.00	0.0	6.456	0.000	5	1	1	1
439806	PL.27796	A	Consumer	15.07Y	125.6	0.00	0.41	0.11	0	2	0	100	0.00	0.0	6.403	0.000	2	0	1	1
PL.2675	PL.14413	A	4ACSR	15.07Y	125.6	0.00	0.41	0.00	0	0	0	100	0.00	0.0	6.580	0.223	0	0	0	0
438803	PL.6707	A	Consumer	15.07Y	125.6	0.00	0.39	0.22	0	3	0	100	0.00	0.0	6.155	0.000	3	0	1	1
PL.14594	PL.98	C	4ACSR	14.95Y	124.6	0.01	1.44	23.49	12	349	39	99	0.02	0.0	5.934	0.014	0	0	0	74
C PD.1004	PL.14594	C	Fuse8AMP	14.95Y	124.6	0.00	1.44	23.49	321	349	39	99	0.00	0.0	5.934	0.000	0	0	0	74
PL.14596	PD.1004	C	4ACSR	14.94Y	124.5	0.08	1.52	23.49	12	349	39	99	0.21	0.1	6.090	0.156	0	0	0	74
PL.6724	PL.14596	C	4ACSR	14.94Y	124.5	0.00	1.52	1.80	1	27	3	99	0.00	0.0	6.129	0.039	0	0	0	4
438853	PL.6724	C	Consumer	14.94Y	124.5	0.00	1.52	0.50	0	7	1	99	0.00	0.0	6.129	0.000	7	1	1	1
438848	PL.6724	C	Consumer	14.94Y	124.5	0.00	1.52	0.46	0	7	1	99	0.00	0.0	6.129	0.000	7	1	1	1
PL.6725	PL.6724	C	4ACSR	14.94Y	124.5	0.00	1.52	0.85	0	13	1	100	0.00	0.0	6.178	0.049	0	0	0	2
438835	PL.6725	C	Consumer	14.94Y	124.5	0.00	1.52	0.33	0	5	1	98	0.00	0.0	6.178	0.000	5	1	1	1
438849	PL.6725	C	Consumer	14.94Y	124.5	0.00	1.52	0.51	0	8	1	99	0.00	0.0	6.178	0.000	8	1	1	1
PL.14595	PL.14596	C	4ACSR	14.94Y	124.5	0.02	1.54	21.47	11	319	36	99	0.06	0.0	6.144	0.054	0	0	0	69

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts -Base Voltage:120.0-							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
438807	PL.14595	C	Consumer	14.94Y	124.5	0.00	1.54	0.03	0	0	0	100	0.00	0.0	6.144	0.000	0	0	1	1
PL.6717	PL.14595	C	4ACSR	14.93Y	124.4	0.04	1.58	21.44	11	318	35	99	0.10	0.0	6.235	0.091	0	0	0	68
438845	PL.6717	C	Consumer	14.93Y	124.4	0.00	1.58	0.88	0	13	1	100	0.00	0.0	6.235	0.000	13	1	1	1
PL.6726	PL.6717	C	4ACSR	14.93Y	124.4	0.02	1.60	20.56	11	305	34	99	0.05	0.0	6.286	0.051	0	0	0	67
PL.14597	PL.6726	C	4ACSR	14.92Y	124.4	0.02	1.63	19.83	10	294	33	99	0.05	0.0	6.335	0.049	0	0	0	66
438833	PL.14597	C	Consumer	14.92Y	124.4	0.00	1.63	0.21	0	3	0	100	0.00	0.0	6.335	0.000	3	0	1	1
4388075	PL.14597	C	Consumer	14.92Y	124.4	0.00	1.63	1.80	0	27	3	99	0.00	0.0	6.335	0.000	27	3	1	1
438851	PL.14597	C	Consumer	14.92Y	124.4	0.00	1.63	0.80	0	12	1	100	0.00	0.0	6.335	0.000	12	1	1	1
PL.14598	PL.14597	C	4ACSR	14.92Y	124.3	0.04	1.67	15.69	8	233	26	99	0.07	0.0	6.460	0.125	0	0	0	60
PL.14599	PL.14598	C	4ACSR	14.92Y	124.3	0.00	1.67	2.18	1	32	4	99	0.00	0.0	6.461	0.002	0	0	0	4
PL.6712	PL.14599	C	4ACSR	14.92Y	124.3	0.00	1.67	2.18	1	32	4	99	0.00	0.0	6.493	0.032	0	0	0	4
PL.6713	PL.6712	C	4ACSR	14.92Y	124.3	0.00	1.67	1.38	1	20	2	100	0.00	0.0	6.528	0.034	0	0	0	2
438841	PL.6713	C	Consumer	14.92Y	124.3	0.00	1.67	0.67	0	10	1	100	0.00	0.0	6.528	0.000	10	1	1	1
438842	PL.6713	C	Consumer	14.92Y	124.3	0.00	1.67	0.71	0	11	1	100	0.00	0.0	6.528	0.000	11	1	1	1
438852	PL.6712	C	Consumer	14.92Y	124.3	0.00	1.67	0.59	0	9	1	99	0.00	0.0	6.493	0.000	9	1	1	1
438832	PL.6712	C	Consumer	14.92Y	124.3	0.00	1.67	0.21	0	3	0	100	0.00	0.0	6.493	0.000	3	0	1	1
PL.14600	PL.14598	C	4ACSR	14.92Y	124.3	0.01	1.68	12.68	7	188	21	99	0.01	0.0	6.494	0.034	0	0	0	55
PL.41498	PL.14600	C	4ACSR	14.92Y	124.3	0.01	1.69	12.67	7	188	21	99	0.02	0.0	6.537	0.043	0	0	0	53
PL.44220	PL.41498	C	2ACSR	14.92Y	124.3	0.00	1.69	12.21	5	181	20	99	0.01	0.0	6.559	0.022	0	0	0	51
PL.41500	PL.44220	C	4ACSR	14.92Y	124.3	0.00	1.69	12.21	6	181	20	99	0.00	0.0	6.568	0.009	0	0	0	51
PL.41501	PL.41500	C	4ACSR	14.92Y	124.3	0.00	1.70	12.21	6	181	20	99	0.00	0.0	6.580	0.012	0	0	0	51
PL.41497	PL.41501	C	4ACSR	14.92Y	124.3	0.01	1.70	12.21	6	181	20	99	0.01	0.0	6.606	0.026	0	0	0	51
438866	PL.41497	C	Consumer	14.92Y	124.3	0.00	1.70	0.43	0	6	1	99	0.00	0.0	6.606	0.000	6	1	1	1
4388073	PL.41497	C	Consumer	14.92Y	124.3	0.00	1.70	0.00	0	0	0	100	0.00	0.0	6.606	0.000	0	0	0	0
438867	PL.41497	C	Consumer	14.92Y	124.3	0.00	1.70	0.51	0	8	1	99	0.00	0.0	6.606	0.000	8	1	1	1
PL.14102	PL.41497	C	4ACSR	14.91Y	124.3	0.01	1.71	11.27	6	167	19	99	0.01	0.0	6.654	0.048	0	0	0	49
4388080	PL.14102	C	Consumer	14.91Y	124.3	0.00	1.71	0.00	0	0	0	100	0.00	0.0	6.654	0.000	0	0	0	0
438869	PL.14102	C	Consumer	14.91Y	124.3	0.00	1.71	0.45	0	7	1	99	0.00	0.0	6.654	0.000	7	1	1	1
PL.14103	PL.14102	C	4ACSR	14.91Y	124.3	0.01	1.72	10.82	6	160	18	99	0.01	0.0	6.693	0.039	0	0	0	48
PL.14104	PL.14103	C	4ACSR	14.91Y	124.3	0.00	1.73	10.82	6	160	18	99	0.00	0.0	6.701	0.008	0	0	0	48
PD.339-A	PL.14104	C	Closed	14.91Y	124.3	0.00	1.73	10.82	0	160	18	99	0.00	0.0	6.701	0.000	0	0	0	48
PD.339-B	PD.339-A	C	Closed	14.91Y	124.3	0.00	1.73	10.82	0	160	18	99	0.00	0.0	6.701	0.000	0	0	0	48
PL.14105	PD.339-B	C	4ACSR	14.91Y	124.3	0.02	1.75	10.82	6	160	18	99	0.03	0.0	6.802	0.101	0	0	0	48
PL.14106	PL.14105	C	4ACSR	14.91Y	124.2	0.02	1.77	10.51	5	156	17	99	0.02	0.0	6.885	0.083	0	0	0	47
PL.14107	PL.14106	C	4ACSR	14.91Y	124.2	0.01	1.78	9.09	5	135	15	99	0.01	0.0	6.945	0.060	0	0	0	43
PL.14108	PL.14107	C	4ACSR	14.91Y	124.2	0.01	1.79	9.01	5	133	15	99	0.01	0.0	6.980	0.035	0	0	0	42
PL.23536	PL.14108	C	4ACSR	14.91Y	124.2	0.00	1.79	1.02	1	15	2	99	0.00	0.0	6.998	0.018	0	0	0	2
438830	PL.23536	C	Consumer	14.91Y	124.2	0.00	1.79	0.62	0	9	1	99	0.00	0.0	6.998	0.000	9	1	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
438811	PL.23536	C	Consumer	14.91Y	124.2	0.00	1.79	0.40	0	6	1	99	0.00	0.0	6.998	0.000	6	1	1	1
PL.14109	PL.14108	C	4ACSR	14.90Y	124.2	0.01	1.79	3.98	2	59	7	99	0.00	0.0	7.059	0.079	0	0	0	26
PL.24725	PL.14109	C	4ACSR	14.90Y	124.2	0.01	1.80	3.98	2	59	7	99	0.00	0.0	7.132	0.073	0	0	0	26
PL.14408	PL.24725	C	4ACSR	14.90Y	124.2	0.00	1.80	3.96	2	59	7	99	0.00	0.0	7.189	0.057	0	0	0	24
PL.2469	PL.14408	C	4ACSR	14.90Y	124.2	0.00	1.81	1.95	1	29	3	99	0.00	0.0	7.267	0.077	0	0	0	12
439705	PL.2469	C	Consumer	14.90Y	124.2	0.00	1.81	0.40	0	6	1	99	0.00	0.0	7.267	0.000	6	1	1	1
PL.2470	PL.2469	C	4ACSR	14.90Y	124.2	0.00	1.81	1.55	1	23	3	99	0.00	0.0	7.313	0.046	0	0	0	11
PL.2471	PL.2470	C	4ACSR	14.90Y	124.2	0.00	1.81	0.95	0	14	2	99	0.00	0.0	7.335	0.022	0	0	0	6
PL.2472	PL.2471	C	4ACSR	14.90Y	124.2	0.00	1.81	0.95	0	14	2	99	0.00	0.0	7.381	0.047	0	0	0	6
PL.42560	PL.2472	C	4ACSR	14.90Y	124.2	0.00	1.81	0.90	0	13	1	100	0.00	0.0	7.405	0.023	0	0	0	5
PL.42561	PL.42560	C	4ACSR	14.90Y	124.2	0.00	1.81	0.90	0	13	1	100	0.00	0.0	7.437	0.032	0	0	0	4
439711	PL.42561	C	Consumer	14.90Y	124.2	0.00	1.81	0.26	0	4	0	100	0.00	0.0	7.437	0.000	4	0	1	1
PL.24727	PL.42561	C	4ACSR	14.90Y	124.2	0.00	1.81	0.65	0	10	1	100	0.00	0.0	7.466	0.030	0	0	0	3
439717	PL.24727	C	Consumer	14.90Y	124.2	0.00	1.81	0.11	0	2	0	100	0.00	0.0	7.466	0.000	2	0	1	1
439708	PL.24727	C	Consumer	14.90Y	124.2	0.00	1.81	0.33	0	5	1	98	0.00	0.0	7.466	0.000	5	1	1	1
439716	PL.24727	C	Consumer	14.90Y	124.2	0.00	1.81	0.22	0	3	0	100	0.00	0.0	7.466	0.000	3	0	1	1
4397035	PL.42560	C	Consumer	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	7.405	0.000	0	0	1	1
439730	PL.2472	C	Consumer	14.90Y	124.2	0.00	1.81	0.05	0	1	0	100	0.00	0.0	7.381	0.000	1	0	1	1
439710	PL.2472	C	Consumer	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	7.381	0.000	0	0	0	0
PL.2467	PL.2472	C	4ACSR	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	7.572	0.190	0	0	0	0
PL.2468	PL.2467	C	4ACSR	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	7.642	0.070	0	0	0	0
PL.24728	PL.2470	C	4ACSR	14.90Y	124.2	0.00	1.81	0.60	0	9	1	99	0.00	0.0	7.386	0.073	0	0	0	5
PL.24729	PL.24728	C	4ACSR	14.90Y	124.2	0.00	1.81	0.43	0	6	1	99	0.00	0.0	7.425	0.039	0	0	0	2
PL.2075	PL.24729	C	4ACSR	14.90Y	124.2	0.00	1.81	0.43	0	6	1	99	0.00	0.0	7.476	0.051	0	0	0	2
439714	PL.2075	C	Consumer	14.90Y	124.2	0.00	1.81	0.31	0	5	1	98	0.00	0.0	7.476	0.000	5	1	1	1
PL.2076	PL.2075	C	4ACSR	14.90Y	124.2	0.00	1.81	0.12	0	2	0	100	0.00	0.0	7.557	0.081	0	0	0	1
439724	PL.2076	C	Consumer	14.90Y	124.2	0.00	1.81	0.12	0	2	0	100	0.00	0.0	7.557	0.000	2	0	1	1
439731	PL.24728	C	Consumer	14.90Y	124.2	0.00	1.81	0.04	0	0	0	100	0.00	0.0	7.386	0.000	0	0	1	1
439703	PL.24728	C	Consumer	14.90Y	124.2	0.00	1.81	0.13	0	2	0	100	0.00	0.0	7.386	0.000	2	0	1	1
439726	PL.24728	C	Consumer	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	7.386	0.000	0	0	1	1
PL.14409	PL.14408	C	4ACSR	14.90Y	124.2	0.01	1.81	1.99	1	29	3	99	0.00	0.0	7.431	0.241	0	0	0	11
PL.14410	PL.14409	C	4ACSR	14.90Y	124.2	0.00	1.82	1.71	1	25	3	99	0.00	0.0	7.522	0.091	0	0	0	8
PL.14411	PL.14410	C	4ACSR	14.90Y	124.2	0.00	1.82	1.08	1	16	2	99	0.00	0.0	7.585	0.063	0	0	0	3
PL.5728	PL.14411	C	4ACSR	14.90Y	124.2	0.00	1.82	1.08	1	16	2	99	0.00	0.0	7.739	0.154	0	0	0	3
PL.5729	PL.5728	C	4ACSR	14.90Y	124.2	0.00	1.82	1.03	1	15	2	99	0.00	0.0	7.855	0.116	0	0	0	2
0107007	PL.5729	C	Consumer	14.90Y	124.2	0.00	1.82	0.78	0	12	1	100	0.00	0.0	7.855	0.000	12	1	1	1
0107008	PL.5729	C	Consumer	14.90Y	124.2	0.00	1.82	0.25	0	4	0	100	0.00	0.0	7.855	0.000	4	0	1	1
PL.5727	PL.5729	C	4ACSR	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	7.932	0.077	0	0	0	0

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
010703	PL.5728	C	Consumer	14.90Y	124.2	0.00	1.82	0.05	0	1	0	100	0.00	0.0	7.739	0.000	1	0	1	1
PL.24809	PL.14410	C	4ACSR	14.90Y	124.2	0.00	1.82	0.62	0	9	1	99	0.00	0.0	7.671	0.150	0	0	0	3
PL.24808	PL.24809	C	4ACSR	14.90Y	124.2	0.00	1.82	0.32	0	5	1	98	0.00	0.0	7.763	0.091	0	0	0	1
PL.510	PL.24808	C	4ACSR	14.90Y	124.2	0.00	1.82	0.32	0	5	1	98	0.00	0.0	7.847	0.085	0	0	0	1
010706	PL.510	C	Consumer	14.90Y	124.2	0.00	1.82	0.32	0	5	1	98	0.00	0.0	7.847	0.000	5	1	1	1
439702	PL.24809	C	Consumer	14.90Y	124.2	0.00	1.82	0.02	0	0	0	100	0.00	0.0	7.671	0.000	0	0	1	1
PL.2074	PL.24809	C	4ACSR	14.90Y	124.2	0.00	1.82	0.29	0	4	0	100	0.00	0.0	7.764	0.093	0	0	0	1
439701	PL.2074	C	Consumer	14.90Y	124.2	0.00	1.82	0.29	0	4	0	100	0.00	0.0	7.764	0.000	4	0	1	1
PL.33964	PL.2074	C	2ACSR	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	7.809	0.044	0	0	0	0
439723	PL.33964	C	Consumer	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	7.809	0.000	0	0	0	0
PL.24881	PL.14410	C	4ACSR	14.90Y	124.2	0.00	1.82	0.01	0	0	0	100	0.00	0.0	7.641	0.120	0	0	0	2
439715	PL.24881	C	Consumer	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	7.641	0.000	0	0	1	1
439712	PL.24881	C	Consumer	14.90Y	124.2	0.00	1.82	0.01	0	0	0	100	0.00	0.0	7.641	0.000	0	0	1	1
PL.24810	PL.24881	C	4ACSR	14.90Y	124.2	0.00	1.82	0.00	0	0	0	100	0.00	0.0	7.668	0.027	0	0	0	0
PL.2476	PL.14409	C	4ACSR	14.90Y	124.2	0.00	1.81	0.28	0	4	0	100	0.00	0.0	7.484	0.053	0	0	0	3
439727	PL.2476	C	Consumer	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	7.484	0.000	0	0	1	1
PL.33963	PL.2476	C	2ACSR	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	7.586	0.102	0	0	0	1
4397033	PL.33963	C	Consumer	14.90Y	124.2	0.00	1.81	0.00	0	0	0	100	0.00	0.0	7.586	0.000	0	0	1	1
PL.39681	PL.2476	C	2ACSR	14.90Y	124.2	0.00	1.81	0.28	0	4	0	100	0.00	0.0	7.532	0.048	0	0	0	1
4397034	PL.39681	C	Consumer	14.90Y	124.2	0.00	1.81	0.28	0	4	0	100	0.00	0.0	7.532	0.000	4	0	1	1
439725	PL.14408	C	Consumer	14.90Y	124.2	0.00	1.80	0.02	0	0	0	100	0.00	0.0	7.189	0.000	0	0	1	1
439721	PL.24725	C	Consumer	14.90Y	124.2	0.00	1.80	0.00	0	0	0	100	0.00	0.0	7.132	0.000	0	0	1	1
439722	PL.24725	C	Consumer	14.90Y	124.2	0.00	1.80	0.02	0	0	0	100	0.00	0.0	7.132	0.000	0	0	1	1
PL.23943	PL.14108	C	4ACSR	14.91Y	124.2	0.01	1.79	4.00	2	59	7	99	0.00	0.0	7.045	0.065	0	0	0	14
PL.2473	PL.23943	C	4ACSR	14.91Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	7.051	0.007	0	0	0	0
438814	PL.23943	C	Consumer	14.91Y	124.2	0.00	1.79	0.18	0	3	0	100	0.00	0.0	7.045	0.000	3	0	1	1
PL.14110	PL.23943	C	4ACSR	14.90Y	124.2	0.00	1.79	2.49	1	37	4	99	0.00	0.0	7.111	0.066	0	0	0	8
PL.2477	PL.14110	C	4ACSR	14.90Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	7.130	0.019	0	0	0	0
PL.14407	PL.14110	C	4ACSR	14.90Y	124.2	0.00	1.80	2.16	1	32	4	99	0.00	0.0	7.130	0.020	0	0	0	7
438706	PL.14407	C	Consumer	14.90Y	124.2	0.00	1.80	0.26	0	4	0	100	0.00	0.0	7.130	0.000	4	0	1	1
438704	PL.14407	C	Consumer	14.90Y	124.2	0.00	1.80	0.15	0	2	0	100	0.00	0.0	7.130	0.000	2	0	1	1
PL.24744	PL.14407	C	4ACSR	14.90Y	124.2	0.00	1.80	1.75	1	26	3	99	0.00	0.0	7.152	0.022	0	0	0	5
PL.24745	PL.24744	C	4ACSR	14.90Y	124.2	0.00	1.80	1.52	1	23	2	100	0.00	0.0	7.161	0.009	0	0	0	4
PL.24730	PL.24745	C	4ACSR	14.90Y	124.2	0.00	1.80	1.52	1	23	2	100	0.00	0.0	7.193	0.032	0	0	0	4
PL.24731	PL.24730	C	4ACSR	14.90Y	124.2	0.00	1.80	1.52	1	23	2	100	0.00	0.0	7.225	0.032	0	0	0	4
PL.2478	PL.24731	C	4ACSR	14.90Y	124.2	0.00	1.80	1.24	1	18	2	99	0.00	0.0	7.284	0.059	0	0	0	2
439729	PL.2478	C	Consumer	14.90Y	124.2	0.00	1.80	0.76	0	11	1	100	0.00	0.0	7.284	0.000	11	1	1	1
PL.23938	PL.2478	C	4ACSR	14.90Y	124.2	0.00	1.80	0.48	0	7	1	99	0.00	0.0	7.348	0.064	0	0	0	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Length (mi)	-----Element-----		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
439732	PL.23938	C	Consumer	14.90Y	124.2	0.00	1.80	0.48	0	7	1	99	0.00	0.0	7.348	0.000	7	1	1	1
439719	PL.24731	C	Consumer	14.90Y	124.2	0.00	1.80	0.18	0	3	0	100	0.00	0.0	7.225	0.000	3	0	1	1
PL.2475	PL.24731	C	4ACSR	14.90Y	124.2	0.00	1.80	0.10	0	1	0	100	0.00	0.0	7.258	0.033	0	0	0	1
439720	PL.2475	C	Consumer	14.90Y	124.2	0.00	1.80	0.10	0	1	0	100	0.00	0.0	7.258	0.000	1	0	1	1
439728	PL.24744	C	Consumer	14.90Y	124.2	0.00	1.80	0.23	0	3	0	100	0.00	0.0	7.152	0.000	3	0	1	1
438705	PL.14110	C	Consumer	14.90Y	124.2	0.00	1.79	0.34	0	5	1	98	0.00	0.0	7.111	0.000	5	1	1	1
PL.35057	PL.23943	C	4ACSR	14.90Y	124.2	0.00	1.79	1.33	1	20	2	100	0.00	0.0	7.091	0.047	0	0	0	5
438813	PL.35057	C	Consumer	14.90Y	124.2	0.00	1.79	0.26	0	4	0	100	0.00	0.0	7.091	0.000	4	0	1	1
438834	PL.35057	C	Consumer	14.90Y	124.2	0.00	1.79	0.53	0	8	1	99	0.00	0.0	7.091	0.000	8	1	1	1
4387007	PL.35057	C	Consumer	14.90Y	124.2	0.00	1.79	0.52	0	8	1	99	0.00	0.0	7.091	0.000	8	1	1	1
4388071	PL.35057	C	Consumer	14.90Y	124.2	0.00	1.79	0.02	0	0	0	100	0.00	0.0	7.091	0.000	0	0	1	1
438817	PL.35057	C	Consumer	14.90Y	124.2	0.00	1.79	0.00	0	0	0	100	0.00	0.0	7.091	0.000	0	0	1	1
438819	PL.14107	C	Consumer	14.91Y	124.2	0.00	1.78	0.08	0	1	0	100	0.00	0.0	6.945	0.000	1	0	1	1
438856	PL.14106	C	Consumer	14.91Y	124.2	0.00	1.77	0.85	0	13	1	100	0.00	0.0	6.885	0.000	13	1	1	1
438828	PL.14106	C	Consumer	14.91Y	124.2	0.00	1.77	0.02	0	0	0	100	0.00	0.0	6.885	0.000	0	0	1	1
438818	PL.14106	C	Consumer	14.91Y	124.2	0.00	1.77	0.38	0	6	1	99	0.00	0.0	6.885	0.000	6	1	1	1
438809	PL.14106	C	Consumer	14.91Y	124.2	0.00	1.77	0.17	0	2	0	100	0.00	0.0	6.885	0.000	2	0	1	1
PL.23537	PL.14105	C	4ACSR	14.91Y	124.3	0.00	1.75	0.32	0	5	1	98	0.00	0.0	6.868	0.066	0	0	0	1
438801	PL.23537	C	Consumer	14.91Y	124.3	0.00	1.75	0.32	0	5	1	98	0.00	0.0	6.868	0.000	5	1	1	1
4388078	PL.41498	C	Consumer	14.92Y	124.3	0.00	1.69	0.00	0	0	0	100	0.00	0.0	6.537	0.000	0	0	1	1
4388072	PL.41498	C	Consumer	14.92Y	124.3	0.00	1.69	0.46	0	7	1	99	0.00	0.0	6.537	0.000	7	1	1	1
PL.6710	PL.14600	C	4ACSR	14.92Y	124.3	0.00	1.68	0.01	0	0	0	100	0.00	0.0	6.618	0.124	0	0	0	2
438854	PL.6710	C	Consumer	14.92Y	124.3	0.00	1.68	0.01	0	0	0	100	0.00	0.0	6.618	0.000	0	0	1	1
438802	PL.6710	C	Consumer	14.92Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	6.618	0.000	0	0	1	1
PL.6711	PL.6710	C	4ACSR	14.92Y	124.3	0.00	1.68	0.00	0	0	0	100	0.00	0.0	6.618	0.000	0	0	0	0
438857	PL.14598	C	Consumer	14.92Y	124.3	0.00	1.67	0.82	0	12	1	100	0.00	0.0	6.460	0.000	12	1	1	1
PL.2520	PL.14597	C	4ACSR	14.92Y	124.4	0.00	1.63	1.32	1	20	2	100	0.00	0.0	6.380	0.045	0	0	0	3
438846	PL.2520	C	Consumer	14.92Y	124.4	0.00	1.63	0.25	0	4	0	100	0.00	0.0	6.380	0.000	4	0	1	1
438847	PL.2520	C	Consumer	14.92Y	124.4	0.00	1.63	0.38	0	6	1	99	0.00	0.0	6.380	0.000	6	1	1	1
438829	PL.2520	C	Consumer	14.92Y	124.4	0.00	1.63	0.69	0	10	1	100	0.00	0.0	6.380	0.000	10	1	1	1
438855	PL.6726	C	Consumer	14.93Y	124.4	0.00	1.60	0.74	0	11	1	100	0.00	0.0	6.286	0.000	11	1	1	1
438804	PL.14596	C	Consumer	14.94Y	124.5	0.00	1.52	0.22	0	3	0	100	0.00	0.0	6.090	0.000	3	0	1	1
PL.14592	PL.6714	B	4ACSR	14.87Y	123.9	0.00	2.07	0.80	0	12	1	100	0.00	0.0	5.834	0.021	0	0	0	4
PD.1003	PL.14592	B	fuse6AMP	14.87Y	123.9	0.00	2.07	0.80	14	12	1	100	0.00	0.0	5.834	0.000	0	0	0	4
PL.14593	PD.1003	B	4ACSR	14.87Y	123.9	0.00	2.08	0.80	0	12	1	100	0.00	0.0	5.962	0.129	0	0	0	4
438831	PL.14593	B	Consumer	14.87Y	123.9	0.00	2.08	0.41	0	6	1	99	0.00	0.0	5.962	0.000	6	1	1	1
438824	PL.14593	B	Consumer	14.87Y	123.9	0.00	2.08	0.27	0	4	0	100	0.00	0.0	5.962	0.000	4	0	1	1
438805	PL.14593	B	Consumer	14.87Y	123.9	0.00	2.08	0.12	0	2	0	100	0.00	0.0	5.962	0.000	2	0	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element-----		Cons On	Cons Thru		
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss		% Loss	Length (mi)			KW	KVAR
438868	PL.14593	B	Consumer	14.87Y	123.9	0.00	2.08	0.00	0	0	0	100	0.00	0.0	5.962	0.000	0	0	1	1
438862	PL.14589	B	Consumer	14.87Y	123.9	0.00	2.07	0.46	0	7	1	99	0.00	0.0	5.729	0.000	7	1	1	1
438806	PL.14589	B	Consumer	14.87Y	123.9	0.00	2.07	0.64	0	10	1	100	0.00	0.0	5.729	0.000	10	1	1	1
PL.40999	PL.14591	B	1/0EPRJCN	14.87Y	123.9	0.00	2.07	0.57	0	9	0	100	0.00	0.0	5.697	0.041	0	0	0	3
438865	PL.40999	B	Consumer	14.87Y	123.9	0.00	2.07	0.58	0	9	1	99	0.00	0.0	5.697	0.000	2	0	1	3
4388076	438865	B	Consumer	14.87Y	123.9	0.00	2.07	0.44	0	6	1	99	0.00	0.0	5.697	0.000	4	0	1	2
4388077	4388076	B	Consumer	14.87Y	123.9	0.00	2.07	0.19	0	3	0	100	0.00	0.0	5.697	0.000	3	0	1	1
PL.14734	PL.14733	B	4ACSR	14.87Y	123.9	0.00	2.06	0.53	0	8	1	99	0.00	0.0	5.545	0.015	0	0	0	3
PD.1001	PL.14734	B	fuse6AMP	14.87Y	123.9	0.00	2.06	0.53	9	8	1	99	0.00	0.0	5.545	0.000	0	0	0	3
PL.14735	PD.1001	B	4ACSR	14.87Y	123.9	0.00	2.06	0.53	0	8	1	99	0.00	0.0	5.595	0.051	0	0	0	3
PL.2681	PL.14735	B	4ACSR	14.87Y	123.9	0.00	2.06	0.22	0	3	0	100	0.00	0.0	5.652	0.057	0	0	0	1
PL.2517	PL.2681	B	4ACSR	14.87Y	123.9	0.00	2.06	0.22	0	3	0	100	0.00	0.0	5.734	0.081	0	0	0	1
438827	PL.2517	B	Consumer	14.87Y	123.9	0.00	2.06	0.22	0	3	0	100	0.00	0.0	5.734	0.000	3	0	1	1
PL.14736	PL.14735	B	4ACSR	14.87Y	123.9	0.00	2.06	0.31	0	5	1	98	0.00	0.0	5.648	0.053	0	0	0	2
438844	PL.14736	B	Consumer	14.87Y	123.9	0.00	2.06	0.00	0	0	0	100	0.00	0.0	5.648	0.000	0	0	1	1
PL.6715	PL.14736	B	4ACSR	14.87Y	123.9	0.00	2.06	0.31	0	5	1	98	0.00	0.0	5.829	0.180	0	0	0	1
PL.2515	PL.6715	B	4ACSR	14.87Y	123.9	0.00	2.06	0.00	0	0	0	100	0.00	0.0	5.939	0.110	0	0	0	0
PL.2516	PL.2515	B	4ACSR	14.87Y	123.9	0.00	2.06	0.00	0	0	0	100	0.00	0.0	6.027	0.087	0	0	0	0
PL.2514	PL.2516	B	4ACSR	14.87Y	123.9	0.00	2.06	0.00	0	0	0	100	0.00	0.0	6.206	0.180	0	0	0	0
PL.2513	PL.2514	B	4ACSR	14.87Y	123.9	0.00	2.06	0.00	0	0	0	100	0.00	0.0	6.394	0.188	0	0	0	0
438808	PL.6715	B	Consumer	14.87Y	123.9	0.00	2.06	0.31	0	5	1	98	0.00	0.0	5.829	0.000	5	1	1	1
PL.2518	PL.14164	B	4ACSR	14.87Y	124.0	0.00	2.05	0.36	0	5	1	98	0.00	0.0	5.430	0.066	0	0	0	1
438816	PL.2518	B	Consumer	14.87Y	124.0	0.00	2.05	0.36	0	5	1	98	0.00	0.0	5.430	0.000	5	1	1	1
PL.14166	PL.14164	B	4ACSR	14.87Y	124.0	0.00	2.05	0.74	0	11	0	100	0.00	0.0	5.371	0.007	0	0	0	2
PD.999	PL.14166	B	fuse6AMP	14.87Y	124.0	0.00	2.05	0.74	13	11	0	100	0.00	0.0	5.371	0.000	0	0	0	2
PL.14730	PD.999	B	4ACSR	14.87Y	124.0	0.00	2.05	0.74	0	11	0	100	0.00	0.0	5.440	0.069	0	0	0	2
438863	PL.14730	B	Consumer	14.87Y	124.0	0.00	2.05	0.45	0	7	1	99	0.00	0.0	5.440	0.000	7	1	1	1
4388070	PL.14730	B	Consumer	14.87Y	124.0	0.00	2.05	0.29	0	4	0	100	0.00	0.0	5.440	0.000	4	0	1	1
P PL.45407	PL.14730	B	2ACSR	14.87Y	124.0	-0.00	2.05	-0.08	0	0	-1	0	0.00	0.0	5.583	0.143	0	0	0	0 P
P PD.8644-A	PL.45407	B	Closed	14.87Y	124.0	0.00	2.05	-0.08	0	0	-1	0	0.00	0.0	5.583	0.000	0	0	0	0 P
P PD.8644-B	PD.8644-A	B	Closed	14.87Y	124.0	0.00	2.05	-0.08	0	0	-1	0	0.00	0.0	5.583	0.000	0	0	0	0 P
P PL.45408	PD.8644-B	B	1/0EPRJCN	14.87Y	124.0	-0.00	2.05	-0.08	0	0	-1	0	0.00	0.0	5.645	0.062	0	0	0	0 P
4388079	PL.45408	B	Consumer	14.87Y	124.0	0.00	2.05	0.00	0	0	0	100	0.00	0.0	5.645	0.000	0	0	0	0
PL.14160	PL.14159	B	4ACSR	14.88Y	124.0	0.00	2.04	0.17	0	3	0	100	0.00	0.0	5.270	0.013	0	0	0	1
PD.997	PL.14160	B	fuse6AMP	14.88Y	124.0	0.00	2.04	0.17	3	3	0	100	0.00	0.0	5.270	0.000	0	0	0	1
PL.14161	PD.997	B	4ACSR	14.88Y	124.0	0.00	2.04	0.17	0	3	0	100	0.00	0.0	5.424	0.154	0	0	0	1
438810	PL.14161	B	Consumer	14.88Y	124.0	0.00	2.04	0.17	0	3	0	100	0.00	0.0	5.424	0.000	3	0	1	1
438902	PL.27654	B	Consumer	14.88Y	124.0	0.00	2.02	0.47	0	7	1	99	0.00	0.0	5.079	0.000	7	1	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	-----Element-----				
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW	KVAR	Cons On	Cons Thru
438939	PL.27654	B	Consumer	14.88Y	124.0	0.00	2.02	0.00	0	0	0	100	0.00	0.0	5.079	0.000	0	0	0	0
438913	PL.27654	B	Consumer	14.88Y	124.0	0.00	2.02	0.08	0	1	0	100	0.00	0.0	5.079	0.000	1	0	1	1
PL.28633	PL.13781	B	4ACSR	14.88Y	124.0	0.00	2.01	0.56	0	8	1	99	0.00	0.0	5.020	0.009	0	0	0	1
PD.2670	PL.28633	B	fuse6AMP	14.88Y	124.0	0.00	2.01	0.56	10	8	1	99	0.00	0.0	5.020	0.000	0	0	0	1
PL.28634	PD.2670	B	4ACSR	14.88Y	124.0	0.00	2.01	0.56	0	8	1	99	0.00	0.0	5.041	0.022	0	0	0	1
438928	PL.28634	B	Consumer	14.88Y	124.0	0.00	2.01	0.56	0	8	1	99	0.00	0.0	5.041	0.000	8	1	1	1
PL.2524	PL.13781	B	4ACSR	14.88Y	124.0	0.00	2.01	1.06	1	16	2	99	0.00	0.0	5.049	0.038	0	0	0	4
PL.2679	PL.2524	B	4ACSR	14.88Y	124.0	0.00	2.01	0.43	0	6	1	99	0.00	0.0	5.163	0.114	0	0	0	2
438936	PL.2679	B	Consumer	14.88Y	124.0	0.00	2.01	0.01	0	0	0	100	0.00	0.0	5.163	0.000	0	0	1	1
438935	PL.2679	B	Consumer	14.88Y	124.0	0.00	2.01	0.43	0	6	1	99	0.00	0.0	5.163	0.000	6	1	1	1
PL.2523	PL.2524	B	4ACSR	14.88Y	124.0	0.00	2.01	0.63	0	9	1	99	0.00	0.0	5.087	0.038	0	0	0	2
4389048	PL.2523	B	Consumer	14.88Y	124.0	0.00	2.01	0.00	0	0	0	100	0.00	0.0	5.087	0.000	0	0	0	0
438904	PL.2523	B	Consumer	14.88Y	124.0	0.00	2.01	0.62	0	9	1	99	0.00	0.0	5.087	0.000	9	1	1	1
438934	PL.2523	B	Consumer	14.88Y	124.0	0.00	2.01	0.01	0	0	0	100	0.00	0.0	5.087	0.000	0	0	1	1
PL.14154	PL.13780	B	4ACSR	14.88Y	124.0	0.00	1.98	0.90	0	13	1	100	0.00	0.0	4.819	0.007	0	0	0	4
PD.994	PL.14154	B	fuse6AMP	14.88Y	124.0	0.00	1.98	0.90	15	13	1	100	0.00	0.0	4.819	0.000	0	0	0	4
PL.14155	PD.994	B	4ACSR	14.88Y	124.0	0.00	1.99	0.90	0	13	1	100	0.00	0.0	4.875	0.056	0	0	0	4
438933	PL.14155	B	Consumer	14.88Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	4.875	0.000	0	0	1	1
4389044	PL.14155	B	Consumer	14.88Y	124.0	0.00	1.99	0.70	0	10	1	100	0.00	0.0	4.875	0.000	10	1	1	1
PL.2682	PL.14155	B	4ACSR	14.88Y	124.0	0.00	1.99	0.19	0	3	0	100	0.00	0.0	4.914	0.039	0	0	0	2
438938	PL.2682	B	Consumer	14.88Y	124.0	0.00	1.99	0.00	0	0	0	100	0.00	0.0	4.914	0.000	0	0	1	1
438937	PL.2682	B	Consumer	14.88Y	124.0	0.00	1.99	0.19	0	3	0	100	0.00	0.0	4.914	0.000	3	0	1	1
438927	PL.13779	B	Consumer	14.88Y	124.0	0.00	1.97	0.21	0	3	0	100	0.00	0.0	4.742	0.000	3	0	1	1
438929	PL.13778	B	Consumer	14.88Y	124.0	0.00	1.97	0.52	0	8	1	99	0.00	0.0	4.712	0.000	8	1	1	1
PL.39524	PL.13776	B	2ACSR	14.89Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	4.682	0.037	0	0	0	1
4389045	PL.39524	B	Consumer	14.89Y	124.0	0.00	1.96	0.00	0	0	0	100	0.00	0.0	4.682	0.000	0	0	1	1
438920	PL.13775	B	Consumer	14.89Y	124.1	0.00	1.95	0.34	0	5	1	98	0.00	0.0	4.591	0.000	5	1	1	1
PL.14019	PL.14018	B	4ACSR	14.89Y	124.1	0.00	1.92	0.03	0	0	0	100	0.00	0.0	4.426	0.021	0	0	0	1
PD.991	PL.14019	B	fuse6AMP	14.89Y	124.1	0.00	1.92	0.03	0	0	0	100	0.00	0.0	4.426	0.000	0	0	0	1
PL.14020	PD.991	B	4ACSR	14.89Y	124.1	0.00	1.92	0.03	0	0	0	100	0.00	0.0	4.454	0.029	0	0	0	1
438910	PL.14020	B	Consumer	14.89Y	124.1	0.00	1.92	0.03	0	0	0	100	0.00	0.0	4.454	0.000	0	0	1	1
447249	PL.20545	C	Consumer	15.02Y	125.2	0.00	0.81	0.17	0	3	0	100	0.00	0.0	3.487	0.000	3	0	1	1
PL.13661	PL.13658	A	336ACSR	15.10Y	125.8	0.00	0.17	25.61	4	384	49	99	0.02	0.0	3.418	0.014	0	0	0	74
		B		14.94Y	124.5	0.00	1.48	51.68	7	765	107	99					0	0	0	144
		C		15.03Y	125.2	0.00	0.78	51.88	7	774	95	99					0	0	0	152
PD.390-A	PL.13661	A	Closed	15.10Y	125.8	0.00	0.17	25.61	0	384	49	99	0.00	0.0	3.418	0.000	0	0	0	74
		B		14.94Y	124.5	0.00	1.48	51.68	0	765	107	99					0	0	0	144
		C		15.03Y	125.2	0.00	0.78	51.88	0	774	95	99					0	0	0	152
PD.390-B	PD.390-A	A	Closed	15.10Y	125.8	0.00	0.17	25.61	0	384	49	99	0.00	0.0	3.418	0.000	0	0	0	74
		B		14.94Y	124.5	0.00	1.48	51.68	0	765	107	99					0	0	0	144
		C		15.03Y	125.2	0.00	0.78	51.88	0	774	95	99					0	0	0	152

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	Length (mi)	Element		Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss			% Loss	KW			KVAR
PL.13662	PD.390-B	A	336ACSR	15.10Y	125.8	0.00	0.17	25.61	4	384	49	99	0.06	0.0	3.452	0.034	0	0	0	74
		B		14.94Y	124.5	0.01	1.49	51.68	7	765	107	99					0	0	0	144
		C		15.03Y	125.2	0.00	0.78	51.88	7	774	95	99					0	0	0	152
PL.13659	PL.13662	A	336ACSR	15.10Y	125.8	0.00	0.17	25.61	4	384	49	99	0.04	0.0	3.477	0.025	0	0	0	74
		B		14.94Y	124.5	0.01	1.50	51.42	7	761	107	99					0	0	0	143
		C		15.03Y	125.2	0.00	0.78	51.88	7	774	95	99					0	0	0	152
PL.46091	PL.13659	A	336ACSR	15.10Y	125.8	0.00	0.17	25.61	4	384	49	99	0.03	0.0	3.498	0.021	0	0	0	74
		B		14.94Y	124.5	0.00	1.50	50.12	7	742	101	99					0	0	0	140
		C		15.03Y	125.2	0.00	0.78	51.83	7	773	95	99					0	0	0	151
PD.8716	PL.46091	A	VWVE	15.10Y	125.8	0.00	0.17	25.61	0	384	49	99	0.00	0.0	3.498	0.000	0	0	0	74
		B		14.94Y	124.5	0.00	1.50	50.12	0	742	101	99					0	0	0	140
		C		15.03Y	125.2	0.00	0.78	51.83	0	773	95	99					0	0	0	151
PL.46092	PD.8716	A	336ACSR	15.10Y	125.8	0.00	0.17	25.61	4	384	49	99	0.23	0.0	3.637	0.140	0	0	0	74
		B		14.94Y	124.5	0.03	1.54	50.12	7	742	101	99					0	0	0	140
		C		15.02Y	125.2	0.01	0.80	51.83	7	773	95	99					0	0	0	151
PL.26646	PL.46092	A	336ACSR	15.10Y	125.8	0.00	0.17	25.61	4	384	49	99	0.13	0.0	3.714	0.077	0	0	0	74
		B		14.93Y	124.4	0.02	1.56	49.71	7	736	100	99					0	0	0	138
		C		15.02Y	125.2	0.01	0.81	51.83	7	773	94	99					0	0	0	151
PL.24060	PL.26646	B	4ACSR	14.93Y	124.4	0.00	1.56	1.14	1	17	2	99	0.00	0.0	3.795	0.081	0	0	0	2
448229	PL.24060	B	Consumer	14.93Y	124.4	0.00	1.56	0.78	0	12	1	100	0.00	0.0	3.795	0.000	12	1	1	1
448203	PL.24060	B	Consumer	14.93Y	124.4	0.00	1.56	0.36	0	5	1	98	0.00	0.0	3.795	0.000	5	1	1	1
4482070	PL.26646	A	Consumer	15.10Y	125.8	0.00	0.17	0.83	0	12	1	100	0.00	0.0	3.714	0.000	12	1	1	1
PL.24059	PL.26646	B	4ACSR	14.93Y	124.4	0.00	1.56	0.69	0	10	1	100	0.00	0.0	3.767	0.053	0	0	0	1
448260	PL.24059	B	Consumer	14.93Y	124.4	0.00	1.56	0.69	0	10	1	100	0.00	0.0	3.767	0.000	10	1	1	1
PL.26647	PL.26646	A	336ACSR	15.10Y	125.8	0.00	0.18	24.77	3	371	48	99	0.09	0.0	3.769	0.054	0	0	0	73
		B		14.93Y	124.4	0.01	1.57	47.88	7	708	97	99					0	0	0	135
		C		15.02Y	125.2	0.01	0.81	51.83	7	773	94	99					0	0	0	151
448258	PL.26647	B	Consumer	14.93Y	124.4	0.00	1.57	0.29	0	4	0	100	0.00	0.0	3.769	0.000	4	0	1	1
448259	PL.26647	B	Consumer	14.93Y	124.4	0.00	1.57	0.34	0	5	1	98	0.00	0.0	3.769	0.000	5	1	1	1
PL.26648	PL.26647	A	336ACSR	15.10Y	125.8	0.00	0.18	24.77	3	371	48	99	0.05	0.0	3.797	0.028	0	0	0	73
		B		14.93Y	124.4	0.01	1.57	47.24	6	699	96	99					0	0	0	133
		C		15.02Y	125.2	0.00	0.82	51.83	7	773	94	99					0	0	0	151
PL.20044	PL.26648	A	336ACSR	15.10Y	125.8	0.00	0.18	24.77	3	371	48	99	0.04	0.0	3.825	0.028	0	0	0	73
		B		14.93Y	124.4	0.01	1.58	47.13	6	697	95	99					0	0	0	132
		C		15.02Y	125.2	0.00	0.82	51.83	7	773	94	99					0	0	0	151
PL.20045	PL.20044	A	336ACSR	15.10Y	125.8	0.00	0.18	24.77	3	371	48	99	0.11	0.0	3.893	0.068	0	0	0	73
		B		14.93Y	124.4	0.02	1.60	45.90	6	679	93	99					0	0	0	130
		C		15.02Y	125.2	0.01	0.83	51.83	7	773	94	99					0	0	0	151
PL.26649	PL.20045	A	336ACSR	15.10Y	125.8	0.00	0.18	22.85	3	342	45	99	0.10	0.0	3.962	0.069	0	0	0	69
		B		14.93Y	124.4	0.02	1.61	44.89	6	664	92	99					0	0	0	129
		C		15.02Y	125.2	0.01	0.84	51.83	7	773	94	99					0	0	0	151
PL.14446	PL.26649	A	336ACSR	15.10Y	125.8	0.00	0.18	22.85	3	342	45	99	0.19	0.0	4.087	0.125	0	0	0	69
		B		14.92Y	124.4	0.03	1.64	44.89	6	664	92	99					0	0	0	129
		C		15.02Y	125.2	0.01	0.85	51.74	7	772	94	99					0	0	0	150
PL.14443	PL.14446	C	4ACSR	15.02Y	125.1	0.00	0.85	0.95	0	14	2	99	0.00	0.0	4.095	0.008	0	0	0	2
PD.3689	PL.14443	C	fuse6AMP	15.02Y	125.1	0.00	0.85	0.95	16	14	2	99	0.00	0.0	4.095	0.000	0	0	0	2
PL.14444	PD.3689	C	4ACSR	15.02Y	125.1	0.00	0.85	0.95	0	14	2	99	0.00	0.0	4.159	0.065	0	0	0	2
PL.2763	PL.14444	C	4ACSR	15.02Y	125.1	0.00	0.85	0.95	0	14	2	99	0.00	0.0	4.226	0.067	0	0	0	2
448238	PL.2763	C	Consumer	15.02Y	125.1	0.00	0.85	0.50	0	8	1	99	0.00	0.0	4.226	0.000	8	1	1	1
448236	PL.2763	C	Consumer	15.02Y	125.1	0.00	0.85	0.45	0	7	1	99	0.00	0.0	4.226	0.000	7	1	1	1

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element (KW, KVAR), Cons On, Cons Thru. Includes data for various elements like PL.14439, PD.3687, etc.

Unbalanced Voltage Drop Report
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Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
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Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include various elements like PD.3691, PL.29872, PL.8604, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Includes data for various elements like PL.14824, PL.14821, PL.14818, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
PL.27018	PL.27030	C	4ACSR	15.00Y	125.0	0.00	0.96	1.13	1	17	2	99	0.00	0.0	5.398	0.008	0	0	0	3
PD.2583	PL.27018	C	fuse6AMP	15.00Y	125.0	0.00	0.96	1.13	19	17	2	99	0.00	0.0	5.398	0.000	0	0	0	3
PL.17173	PD.2583	C	4ACSR	15.00Y	125.0	0.00	0.96	1.13	1	17	2	99	0.00	0.0	5.445	0.047	0	0	0	3
020313	PL.17173	C	Consumer	15.00Y	125.0	0.00	0.96	0.25	0	4	0	100	0.00	0.0	5.445	0.000	4	0	1	1
020330	PL.17173	C	Consumer	15.00Y	125.0	0.00	0.96	0.50	0	7	1	99	0.00	0.0	5.445	0.000	7	1	1	1
PL.17854	PL.17173	C	4ACSR	15.00Y	125.0	0.00	0.96	0.38	0	6	1	99	0.00	0.0	5.485	0.041	0	0	0	1
020329	PL.17854	C	Consumer	15.00Y	125.0	0.00	0.96	0.38	0	6	1	99	0.00	0.0	5.485	0.000	6	1	1	1
020323	PL.17854	C	Consumer	15.00Y	125.0	0.00	0.96	0.00	0	0	0	100	0.00	0.0	5.485	0.000	0	0	0	0
PL.27031	PL.27030	A	336ACSR	15.09Y	125.8	0.00	0.22	18.24	2	273	38	99	0.10	0.0	5.482	0.092	0	0	0	55
		B		14.89Y	124.1	0.02	1.94	42.72	6	630	86	99					0	0	0	121
		C		15.00Y	125.0	0.01	0.96	41.59	6	619	76	99					0	0	0	127
PD.211-A	PL.27031	A	Closed	15.09Y	125.8	0.00	0.22	18.24	0	273	38	99	0.00	0.0	5.482	0.000	0	0	0	55
		B		14.89Y	124.1	0.00	1.94	42.72	0	630	86	99					0	0	0	121
		C		15.00Y	125.0	0.00	0.96	41.59	0	619	76	99					0	0	0	127
PD.211-B	PD.211-A	A	Closed	15.09Y	125.8	0.00	0.22	18.24	0	273	38	99	0.00	0.0	5.482	0.000	0	0	0	55
		B		14.89Y	124.1	0.00	1.94	42.72	0	630	86	99					0	0	0	121
		C		15.00Y	125.0	0.00	0.96	41.59	0	619	76	99					0	0	0	127
PL.27019	PD.211-B	A	336ACSR	15.09Y	125.8	0.00	0.22	18.24	2	273	38	99	0.07	0.0	5.543	0.061	0	0	0	55
		B		14.89Y	124.0	0.01	1.95	42.72	6	630	86	99					0	0	0	121
		C		15.00Y	125.0	0.00	0.97	41.59	6	619	76	99					0	0	0	127
020307	PL.27019	A	Consumer	15.09Y	125.8	0.00	0.22	0.11	0	2	0	100	0.00	0.0	5.543	0.000	2	0	1	1
PL.5997	PL.27019	A	336ACSR	15.09Y	125.8	0.00	0.22	18.13	2	271	37	99	0.09	0.0	5.624	0.081	0	0	0	54
		B		14.88Y	124.0	0.02	1.97	42.72	6	630	86	99					0	0	0	121
		C		15.00Y	125.0	0.01	0.97	41.59	6	619	76	99					0	0	0	127
PL.17855	PL.5997	A	4ACSR	15.09Y	125.8	0.00	0.22	0.16	0	2	0	100	0.00	0.0	5.632	0.008	0	0	0	1
PD.2586	PL.17855	A	fuse6AMP	15.09Y	125.8	0.00	0.22	0.16	3	2	0	100	0.00	0.0	5.632	0.000	0	0	0	1
PL.17856	PD.2586	A	4ACSR	15.09Y	125.8	0.00	0.22	0.16	0	2	0	100	0.00	0.0	5.675	0.043	0	0	0	1
020325	PL.17856	A	Consumer	15.09Y	125.8	0.00	0.22	0.16	0	2	0	100	0.00	0.0	5.675	0.000	2	0	1	1
PL.27029	PL.5997	A	336ACSR	15.09Y	125.8	0.00	0.22	17.97	2	269	37	99	0.22	0.0	5.819	0.195	0	0	0	53
		B		14.88Y	124.0	0.04	2.01	42.72	6	630	86	99					0	0	0	121
		C		15.00Y	125.0	0.01	0.99	41.59	6	619	76	99					0	0	0	127
PL.27020	PL.27029	A	4ACSR	15.09Y	125.8	0.00	0.22	0.58	0	9	1	99	0.00	0.0	5.823	0.004	0	0	0	1
PD.2587	PL.27020	A	fuse6AMP	15.09Y	125.8	0.00	0.22	0.58	10	9	1	99	0.00	0.0	5.823	0.000	0	0	0	1
PL.14782	PD.2587	A	4ACSR	15.09Y	125.8	0.00	0.22	0.58	0	9	1	99	0.00	0.0	5.830	0.007	0	0	0	1
PL.14783	PL.14782	A	4ACSR	15.09Y	125.8	0.00	0.22	0.58	0	9	1	99	0.00	0.0	5.901	0.070	0	0	0	1
0203036	PL.14783	A	Consumer	15.09Y	125.8	0.00	0.22	0.58	0	9	1	99	0.00	0.0	5.901	0.000	9	1	1	1
020333	PL.27029	A	Consumer	15.09Y	125.8	0.00	0.22	0.03	0	0	0	100	0.00	0.0	5.819	0.000	0	0	1	1
PL.15006	PL.27029	A	336ACSR	15.09Y	125.8	0.00	0.23	17.36	2	260	36	99	0.19	0.0	5.988	0.169	0	0	0	51
		B		14.87Y	124.0	0.04	2.05	42.72	6	630	86	99					0	0	0	121
		C		15.00Y	125.0	0.01	1.00	41.59	6	619	75	99					0	0	0	127
PL.14784	PL.15006	A	2ACSR	15.09Y	125.8	0.02	0.24	6.79	3	101	18	98	0.01	0.0	6.148	0.160	0	0	0	17
		B		14.87Y	124.0	-0.00	2.04	0.86	0	11	6	90					0	0	0	0
		C		15.00Y	125.0	0.00	1.00	0.85	0	11	6	90					0	0	0	0
PL.27032	PL.14784	A	2ACSR	15.09Y	125.7	0.01	0.25	6.74	3	100	18	98	0.01	0.0	6.276	0.128	0	0	0	16
		B		14.88Y	124.0	-0.00	2.04	0.86	0	11	6	90					0	0	0	0
		C		15.00Y	125.0	0.00	1.01	0.85	0	11	6	90					0	0	0	0

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
020321	PL.27032	A	Consumer	15.09Y	125.7	0.00	0.25	0.84	0	11	6	88	0.00	0.0	6.276	0.000	11	6	0	0
		B		14.88Y	124.0	0.00	2.04	0.86	0	11	6	90	0.00	0.0			11	6	0	0
		C		15.00Y	125.0	0.00	1.01	0.85	0	11	6	90	0.00	0.0			11	6	0	0
PL.6206	PL.27032	A	4ACSR	15.09Y	125.7	0.02	0.27	5.93	3	89	12	99	0.01	0.0	6.408	0.132	0	0	0	16
020320	PL.6206	A	Consumer	15.09Y	125.7	0.00	0.27	0.56	0	8	1	99	0.00	0.0	6.408	0.000	8	1	1	1
PL.6207	PL.6206	A	4ACSR	15.09Y	125.7	0.00	0.28	4.80	2	72	10	99	0.00	0.0	6.451	0.043	0	0	0	13
PL.6212	PL.6207	A	4ACSR	15.09Y	125.7	0.01	0.28	4.72	2	71	10	99	0.00	0.0	6.517	0.066	0	0	0	12
PL.6213	PL.6212	A	4ACSR	15.08Y	125.7	0.01	0.29	3.89	2	58	9	99	0.00	0.0	6.636	0.119	0	0	0	11
020314	PL.6213	A	Consumer	15.08Y	125.7	0.00	0.29	0.05	0	1	0	100	0.00	0.0	6.636	0.000	1	0	1	1
PL.1795	PL.6213	A	4ACSR	15.08Y	125.7	0.00	0.29	1.06	1	16	2	99	0.00	0.0	6.707	0.071	0	0	0	2
PL.46088	PL.1795	A	2ACSR	15.08Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	6.784	0.077	0	0	0	0
0203038	PL.46088	A	Consumer	15.08Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	6.784	0.000	0	0	0	0
020317	PL.1795	A	Consumer	15.08Y	125.7	0.00	0.29	0.28	0	4	0	100	0.00	0.0	6.707	0.000	4	0	1	1
0203037	020317	A	Consumer	15.08Y	125.7	0.00	0.29	0.00	0	0	0	100	0.00	0.0	6.707	0.000	0	0	0	0
020310	PL.1795	A	Consumer	15.08Y	125.7	0.00	0.29	0.79	0	12	1	100	0.00	0.0	6.707	0.000	12	1	1	1
PL.6211	PL.6213	A	4ACSR	15.08Y	125.7	0.00	0.29	2.78	1	41	7	99	0.00	0.0	6.655	0.019	0	0	0	8
PL.6210	PL.6211	A	4ACSR	15.08Y	125.7	0.00	0.30	2.78	1	41	7	99	0.00	0.0	6.720	0.065	0	0	0	8
020312	PL.6210	A	Consumer	15.08Y	125.7	0.00	0.30	0.15	0	2	0	100	0.00	0.0	6.720	0.000	2	0	1	1
020305	PL.6210	A	Consumer	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	6.720	0.000	0	0	0	0
PL.6209	PL.6210	A	4ACSR	15.08Y	125.7	0.00	0.30	2.63	1	39	7	98	0.00	0.0	6.777	0.057	0	0	0	7
PL.17967	PL.6209	A	4ACSR	15.08Y	125.7	0.01	0.31	1.76	1	26	5	98	0.00	0.0	6.908	0.131	0	0	0	4
PL.1235	PL.17967	A	4ACSR	15.08Y	125.7	0.00	0.31	0.73	0	11	1	100	0.00	0.0	7.056	0.148	0	0	0	1
PL.24070	PL.1235	A	4ACSR	15.08Y	125.7	0.00	0.31	0.73	0	11	1	100	0.00	0.0	7.307	0.251	0	0	0	1
449311	PL.24070	A	Consumer	15.08Y	125.7	0.00	0.31	0.73	0	11	1	100	0.00	0.0	7.307	0.000	11	1	1	1
0203035	PL.17967	A	Consumer	15.08Y	125.7	0.00	0.31	0.47	0	6	3	89	0.00	0.0	6.908	0.000	6	3	1	1
PL.17968	PL.17967	A	4ACSR	15.08Y	125.7	0.00	0.31	0.59	0	9	1	99	0.00	0.0	7.023	0.115	0	0	0	2
PL.117	PL.17968	A	4ACSR	15.08Y	125.7	0.00	0.31	0.59	0	9	1	99	0.00	0.0	7.159	0.135	0	0	0	2
449310	PL.117	A	Consumer	15.08Y	125.7	0.00	0.31	0.11	0	2	0	100	0.00	0.0	7.159	0.000	2	0	1	1
449307	PL.117	A	Consumer	15.08Y	125.7	0.00	0.31	0.47	0	7	1	99	0.00	0.0	7.159	0.000	7	1	1	1
020327	PL.6209	A	Consumer	15.08Y	125.7	0.00	0.30	0.04	0	1	0	100	0.00	0.0	6.777	0.000	1	0	1	1
020331	PL.6209	A	Consumer	15.08Y	125.7	0.00	0.30	0.59	0	9	1	99	0.00	0.0	6.777	0.000	9	1	1	1
020319	PL.6209	A	Consumer	15.08Y	125.7	0.00	0.30	0.24	0	4	0	100	0.00	0.0	6.777	0.000	4	0	1	1
020324	PL.6209	A	Consumer	15.08Y	125.7	0.00	0.30	0.00	0	0	0	100	0.00	0.0	6.777	0.000	0	0	0	0
020318	PL.6212	A	Consumer	15.09Y	125.7	0.00	0.28	0.83	0	12	1	100	0.00	0.0	6.517	0.000	12	1	1	1
020309	PL.6207	A	Consumer	15.09Y	125.7	0.00	0.28	0.08	0	1	0	100	0.00	0.0	6.451	0.000	1	0	1	1
PL.27038	PL.6206	A	4ACSR	15.09Y	125.7	0.00	0.27	0.57	0	8	1	99	0.00	0.0	6.466	0.058	0	0	0	2
PL.1869	PL.27038	A	4ACSR	15.09Y	125.7	0.00	0.27	0.57	0	8	1	99	0.00	0.0	6.670	0.203	0	0	0	2
021334	PL.1869	A	Consumer	15.09Y	125.7	0.00	0.27	0.01	0	0	0	100	0.00	0.0	6.670	0.000	0	0	1	1
021333	PL.1869	A	Consumer	15.09Y	125.7	0.00	0.27	0.56	0	8	1	99	0.00	0.0	6.670	0.000	8	1	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts										mi From Src	Length (mi)	Element		Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss	% Loss	KW	KVAR						
PL.27024	PL.27032	C	4ACSR	15.00Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	6.285	0.009	0	0	0	0		
PD.2594	PL.27024	C	fuse6AMP	15.00Y	125.0	0.00	1.01	0.00	0	0	0	100	0.00	0.0	6.285	0.000	0	0	0	0		
PL.27023	PL.14784	A	4ACSR	15.09Y	125.8	0.00	0.24	0.05	0	1	0	100	0.00	0.0	6.156	0.008	0	0	0	1		
PD.2593	PL.27023	A	fuse6AMP	15.09Y	125.8	0.00	0.24	0.05	1	1	0	100	0.00	0.0	6.156	0.000	0	0	0	1		
PL.27022	PD.2593	A	4ACSR	15.09Y	125.8	0.00	0.24	0.05	0	1	0	100	0.00	0.0	6.196	0.041	0	0	0	1		
020328	PL.27022	A	Consumer	15.09Y	125.8	0.00	0.24	0.05	0	1	0	100	0.00	0.0	6.196	0.000	1	0	1	1		
PL.27021	PL.15006	A	4ACSR	15.09Y	125.8	0.00	0.23	2.37	1	36	4	99	0.00	0.0	5.995	0.007	0	0	0	6		
PD.2584	PL.27021	A	fuse6AMP	15.09Y	125.8	0.00	0.23	2.37	40	36	4	99	0.00	0.0	5.995	0.000	0	0	0	6		
PL.14780	PD.2584	A	4ACSR	15.09Y	125.8	0.00	0.23	2.37	1	36	4	99	0.00	0.0	6.003	0.008	0	0	0	6		
PD.3381	PL.14780	A	25V4E	15.09Y	125.8	0.00	0.23	2.37	9	36	4	99	0.00	0.0	6.003	0.000	0	0	0	6		
PL.14781	PD.3381	A	4ACSR	15.09Y	125.8	0.00	0.23	2.37	1	36	4	99	0.00	0.0	6.067	0.064	0	0	0	6		
PL.1868	PL.14781	A	4ACSR	15.09Y	125.8	0.00	0.23	0.41	0	6	1	99	0.00	0.0	6.184	0.117	0	0	0	1		
021337	PL.1868	A	Consumer	15.09Y	125.8	0.00	0.23	0.41	0	6	1	99	0.00	0.0	6.184	0.000	6	1	1	1		
021320	PL.14781	A	Consumer	15.09Y	125.8	0.00	0.23	0.19	0	3	0	100	0.00	0.0	6.067	0.000	3	0	1	1		
021305	PL.14781	A	Consumer	15.09Y	125.8	0.00	0.23	0.29	0	4	0	100	0.00	0.0	6.067	0.000	4	0	1	1		
021315	PL.14781	A	Consumer	15.09Y	125.8	0.00	0.23	0.73	0	11	1	100	0.00	0.0	6.067	0.000	11	1	1	1		
PL.21601	PL.14781	A	4ACSR	15.09Y	125.8	0.00	0.23	0.75	0	11	1	100	0.00	0.0	6.076	0.009	0	0	0	2		
PD.3478	PL.21601	A	fuse6AMP	15.09Y	125.8	0.00	0.23	0.75	13	11	1	100	0.00	0.0	6.076	0.000	0	0	0	2		
PL.21600	PD.3478	A	4ACSR	15.09Y	125.8	0.00	0.23	0.75	0	11	1	100	0.00	0.0	6.098	0.022	0	0	0	2		
021321	PL.21600	A	Consumer	15.09Y	125.8	0.00	0.23	0.01	0	0	0	100	0.00	0.0	6.098	0.000	0	0	1	1		
021331	PL.21600	A	Consumer	15.09Y	125.8	0.00	0.23	0.74	0	11	1	100	0.00	0.0	6.098	0.000	11	1	1	1		
PL.14938	PL.15006	A B C	336ACSR	15.09Y 14.87Y 15.00Y	125.8 123.9 125.0	-0.00 0.01 0.00	0.22 2.05 1.00	2.42 21.58 40.35	0 3 6	36 319 601	4 31 69	99 100 99	0.03 0.0 0.0	0.0	6.034	0.046	0 0 0	0 0 0	0 0 0	4 65 126		
PL.14940	PL.14938	A	4ACSR	15.09Y	125.8	0.00	0.22	1.30	1	20	2	100	0.00	0.0	6.048	0.013	0	0	0	2		
PD.2592-A	PL.14940	A	Closed	15.09Y	125.8	0.00	0.22	1.30	0	20	2	100	0.00	0.0	6.048	0.000	0	0	0	2		
PD.2592-B	PD.2592-A	A	Closed	15.09Y	125.8	0.00	0.22	1.30	0	20	2	100	0.00	0.0	6.048	0.000	0	0	0	2		
PL.14941	PD.2592-B	A	4ACSR	15.09Y	125.8	0.00	0.22	1.30	1	20	2	100	0.00	0.0	6.099	0.051	0	0	0	2		
0213055	PL.14941	A	Consumer	15.09Y	125.8	0.00	0.22	0.51	0	8	1	99	0.00	0.0	6.099	0.000	8	1	1	1		
021346	PL.14941	A	Consumer	15.09Y	125.8	0.00	0.22	0.79	0	12	1	100	0.00	0.0	6.099	0.000	12	1	1	1		
PL.14939	PL.14938	A B C	336ACSR	15.09Y 14.87Y 15.00Y	125.8 123.9 125.0	-0.01 0.01 0.01	0.22 2.06 1.01	1.11 21.58 40.35	0 3 6	17 319 601	2 31 69	99 100 99	0.05 0.0 0.0	0.0	6.101	0.066	0 0 0	0 0 0	0 0 0	2 65 126		
PL.1875	PL.14939	A	4ACSR	15.09Y	125.8	0.00	0.22	1.11	1	17	2	99	0.00	0.0	6.154	0.053	0	0	0	2		
021341	PL.1875	A	Consumer	15.09Y	125.8	0.00	0.22	0.69	0	10	1	100	0.00	0.0	6.154	0.000	10	1	1	1		
0213053	PL.1875	A	Consumer	15.09Y	125.8	0.00	0.22	0.42	0	6	1	99	0.00	0.0	6.154	0.000	6	1	1	1		
PL.14937	PL.14939	A B C	336ACSR	15.09Y 14.87Y 15.00Y	125.8 123.9 125.0	-0.00 0.01 0.00	0.21 2.07 1.01	0.00 21.58 40.35	0 3 6	0 319 601	0 31 69	100 100 99	0.03 0.0 0.0	0.0	6.137	0.037	0 0 0	0 0 0	0 0 0	0 65 126		
PL.14930	PL.14937	C	336ACSR	15.00Y	125.0	0.00	1.02	40.35	6	601	69	99	0.01	0.0	6.152	0.015	0	0	0	126		
PD.3383	PL.14930	C	50V4E	15.00Y	125.0	0.00	1.02	40.35	0	601	69	99	0.00	0.0	6.152	0.000	0	0	0	126		

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts					kVAR	% PF	kW Loss	% Loss	mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru
							Accum Drop	Thru Amps	% Cap	Thru KW	Thru KW										
PL.14931	PD.3383	C	336ACSR	15.00Y	125.0	0.01	1.03	40.35	6	601	69	99	0.03	0.0	6.198	0.046	0	0	0	126	
PL.14935	PL.14931	C	336ACSR	15.00Y	125.0	0.01	1.03	39.84	5	594	68	99	0.02	0.0	6.235	0.037	0	0	0	125	
020334	PL.14935	C	Consumer	15.00Y	125.0	0.00	1.03	0.53	0	8	1	99	0.00	0.0	6.235	0.000	8	1	1	1	
PL.14934	PL.14935	C	336ACSR	15.00Y	125.0	0.01	1.04	39.31	5	586	67	99	0.04	0.0	6.294	0.059	0	0	0	124	
PL.33005	PL.14934	C	336ACSR	14.99Y	124.9	0.02	1.06	39.19	5	584	67	99	0.06	0.0	6.384	0.090	0	0	0	123	
PL.33004	PL.33005	C	336ACSR	14.99Y	124.9	0.01	1.07	38.09	5	567	65	99	0.04	0.0	6.445	0.061	0	0	0	122	
PL.1873	PL.33004	C	4ACSR	14.99Y	124.9	0.00	1.07	0.00	0	0	0	100	0.00	0.0	6.536	0.091	0	0	0	0	
PL.14928	PL.33004	C	4ACSR	14.99Y	124.9	0.01	1.08	38.09	20	567	65	99	0.04	0.0	6.456	0.011	0	0	0	122	
C PD.2591	PL.14928	C	fuse6AMP	14.99Y	124.9	0.00	1.08	38.09	651	567	65	99	0.00	0.0	6.456	0.000	0	0	0	122 C	
PL.14927	PD.2591	C	4ACSR	14.99Y	124.9	0.04	1.12	38.09	20	567	65	99	0.18	0.0	6.507	0.051	0	0	0	122	
PL.6208	PL.14927	C	4ACSR	14.98Y	124.8	0.04	1.16	37.73	19	562	64	99	0.16	0.0	6.556	0.048	0	0	0	120	
PL.14926	PL.6208	C	4ACSR	14.95Y	124.6	0.23	1.38	37.44	19	557	63	99	0.97	0.2	6.845	0.289	0	0	0	119	
PL.23772	PL.14926	C	4ACSR	14.95Y	124.6	0.00	1.38	0.31	0	5	1	98	0.00	0.0	6.958	0.112	0	0	0	1	
020221	PL.23772	C	Consumer	14.95Y	124.6	0.00	1.38	0.31	0	5	1	98	0.00	0.0	6.958	0.000	5	1	1	1	
PL.14925	PL.14926	C	4ACSR	14.95Y	124.6	0.03	1.42	37.12	19	552	62	99	0.14	0.0	6.889	0.044	0	0	0	118	
020223	PL.14925	C	Consumer	14.95Y	124.6	0.00	1.42	0.03	0	0	0	100	0.00	0.0	6.889	0.000	0	0	1	1	
020213	PL.14925	C	Consumer	14.95Y	124.6	0.00	1.42	0.57	0	8	1	99	0.00	0.0	6.889	0.000	8	1	1	1	
PL.14924	PL.14925	C	4ACSR	14.94Y	124.5	0.07	1.49	36.52	19	543	61	99	0.28	0.1	6.977	0.088	0	0	0	116	
PL.23775	PL.14924	C	4ACSR	14.94Y	124.5	0.00	1.49	0.47	0	7	1	99	0.00	0.0	7.038	0.061	0	0	0	1	
020222	PL.23775	C	Consumer	14.94Y	124.5	0.00	1.49	0.47	0	7	1	99	0.00	0.0	7.038	0.000	7	1	1	1	
PL.14923	PL.14924	C	4ACSR	14.94Y	124.5	0.02	1.51	36.06	19	535	60	99	0.09	0.0	7.005	0.028	0	0	0	115	
PL.14922	PL.14923	C	4ACSR	14.93Y	124.4	0.04	1.55	35.58	18	528	59	99	0.18	0.0	7.065	0.060	0	0	0	114	
020201	PL.14922	C	Consumer	14.93Y	124.4	0.00	1.55	0.17	0	2	0	100	0.00	0.0	7.065	0.000	2	0	1	1	
PL.6215	PL.14922	C	4ACSR	14.93Y	124.4	0.04	1.59	35.41	18	526	59	99	0.14	0.0	7.113	0.048	0	0	0	113	
PL.6214	PL.6215	C	4ACSR	14.93Y	124.4	0.02	1.61	34.92	18	518	58	99	0.10	0.0	7.146	0.033	0	0	0	112	
PL.14919	PL.6214	C	4ACSR	14.92Y	124.4	0.03	1.64	34.92	18	518	58	99	0.11	0.0	7.184	0.038	0	0	0	112	
PL.14920	PL.14919	C	4ACSR	14.92Y	124.4	0.00	1.64	0.43	0	6	1	99	0.00	0.0	7.197	0.013	0	0	0	3	
PD.167-A	PL.14920	C	Closed	14.92Y	124.4	0.00	1.64	0.43	0	6	1	99	0.00	0.0	7.197	0.000	0	0	0	3	
PD.167-B	PD.167-A	C	Closed	14.92Y	124.4	0.00	1.64	0.43	0	6	1	99	0.00	0.0	7.197	0.000	0	0	0	3	
PL.14921	PD.167-B	C	4ACSR	14.92Y	124.4	0.00	1.64	0.43	0	6	1	99	0.00	0.0	7.234	0.037	0	0	0	3	
PL.23774	PL.14921	C	4ACSR	14.92Y	124.4	0.00	1.64	0.19	0	3	0	100	0.00	0.0	7.281	0.047	0	0	0	2	
020220	PL.23774	C	Consumer	14.92Y	124.4	0.00	1.64	0.00	0	0	0	100	0.00	0.0	7.281	0.000	0	0	0	0	
020211	PL.23774	C	Consumer	14.92Y	124.4	0.00	1.64	0.09	0	1	0	100	0.00	0.0	7.281	0.000	1	0	1	1	
020219	PL.23774	C	Consumer	14.92Y	124.4	0.00	1.64	0.10	0	1	0	100	0.00	0.0	7.281	0.000	1	0	1	1	
020214	PL.14921	C	Consumer	14.92Y	124.4	0.00	1.64	0.24	0	3	0	100	0.00	0.0	7.234	0.000	3	0	1	1	
PL.14918	PL.14919	C	4ACSR	14.92Y	124.3	0.02	1.66	34.01	18	504	56	99	0.08	0.0	7.213	0.030	0	0	0	108	
PL.1859	PL.14918	C	4ACSR	14.92Y	124.3	0.00	1.66	0.29	0	4	0	100	0.00	0.0	7.359	0.145	0	0	0	1	
020205	PL.1859	C	Consumer	14.92Y	124.3	0.00	1.66	0.29	0	4	0	100	0.00	0.0	7.359	0.000	4	0	1	1	

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	KVAR	% PF	kW Loss							% Loss
PL.26772	PL.14918	C	4ACSR	14.92Y	124.3	0.04	1.70	33.73	17	500	56	99	0.15	0.0	7.269	0.055	0	0	0	107
PL.14917	PL.26772	C	4ACSR	14.91Y	124.3	0.02	1.72	33.73	17	500	56	99	0.06	0.0	7.291	0.022	0	0	0	107
PL.24049	PL.14917	C	4ACSR	14.91Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	7.349	0.058	0	0	0	1
PL.24071	PL.24049	C	4ACSR	14.91Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	7.708	0.359	0	0	0	1
449251	PL.24071	C	Consumer	14.91Y	124.3	0.00	1.72	0.00	0	0	0	100	0.00	0.0	7.708	0.000	0	0	1	1
PL.14916	PL.14917	C	4ACSR	14.91Y	124.2	0.07	1.79	33.16	17	492	55	99	0.26	0.1	7.390	0.099	0	0	0	105
449215	PL.14916	C	Consumer	14.91Y	124.2	0.00	1.79	0.10	0	1	0	100	0.00	0.0	7.390	0.000	1	0	1	1
449231	PL.14916	C	Consumer	14.91Y	124.2	0.00	1.79	0.26	0	4	0	100	0.00	0.0	7.390	0.000	4	0	1	1
PL.26424	PL.14916	C	4ACSR	14.90Y	124.2	0.06	1.84	32.05	17	475	53	99	0.20	0.0	7.473	0.083	0	0	0	101
PL.26422	PL.26424	C	4ACSR	14.90Y	124.1	0.03	1.87	31.36	16	464	52	99	0.10	0.0	7.514	0.041	0	0	0	98
PL.6450	PL.26422	C	4ACSR	14.89Y	124.1	0.05	1.92	31.24	16	463	51	99	0.18	0.0	7.591	0.078	0	0	0	97
PL.24055	PL.6450	C	4ACSR	14.89Y	124.1	0.00	1.92	1.22	1	18	2	99	0.00	0.0	7.631	0.039	0	0	0	4
PL.26421	PL.24055	C	4ACSR	14.89Y	124.1	0.00	1.92	0.34	0	5	1	98	0.00	0.0	7.727	0.097	0	0	0	2
449239	PL.26421	C	Consumer	14.89Y	124.1	0.00	1.92	0.25	0	4	0	100	0.00	0.0	7.727	0.000	4	0	1	1
449244	PL.26421	C	Consumer	14.89Y	124.1	0.00	1.92	0.09	0	1	0	100	0.00	0.0	7.727	0.000	1	0	1	1
PL.26420	PL.24055	C	4ACSR	14.89Y	124.1	0.00	1.92	0.87	0	13	1	100	0.00	0.0	7.643	0.012	0	0	0	2
449250	PL.26420	C	Consumer	14.89Y	124.1	0.00	1.92	0.31	0	5	1	98	0.00	0.0	7.643	0.000	5	1	1	1
PL.26419	PL.26420	C	4ACSR	14.89Y	124.1	0.00	1.92	0.56	0	8	1	99	0.00	0.0	7.708	0.065	0	0	0	1
4492056	PL.26419	C	Consumer	14.89Y	124.1	0.00	1.92	0.56	0	8	1	99	0.00	0.0	7.708	0.000	8	1	1	1
449219	PL.6450	C	Consumer	14.89Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	7.591	0.000	0	0	0	0
449240	PL.6450	C	Consumer	14.89Y	124.1	0.00	1.92	0.25	0	4	0	100	0.00	0.0	7.591	0.000	4	0	1	1
449224	PL.6450	C	Consumer	14.89Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	7.591	0.000	0	0	0	0
PL.24052	PL.6450	C	4ACSR	14.89Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	7.662	0.071	0	0	0	0
449225	PL.24052	C	Consumer	14.89Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	7.662	0.000	0	0	0	0
PL.19355	PL.6450	C	4ACSR	14.89Y	124.1	0.00	1.92	0.75	0	11	1	100	0.00	0.0	7.674	0.083	0	0	0	1
PL.19435	PL.19355	C	4ACSR	14.89Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	7.675	0.000	0	0	0	0
449245	PL.19355	C	Consumer	14.89Y	124.1	0.00	1.92	0.75	0	11	1	100	0.00	0.0	7.674	0.000	11	1	1	1
PL.24051	PL.6450	C	4ACSR	14.89Y	124.1	0.00	1.92	1.15	1	17	2	99	0.00	0.0	7.628	0.036	0	0	0	6
4492062	PL.24051	C	Consumer	14.89Y	124.1	0.00	1.92	0.14	0	2	0	100	0.00	0.0	7.628	0.000	2	0	1	1
449220	PL.24051	C	Consumer	14.89Y	124.1	0.00	1.92	0.11	0	2	0	100	0.00	0.0	7.628	0.000	2	0	1	1
PL.6448	PL.24051	C	4ACSR	14.89Y	124.1	0.00	1.92	0.91	0	13	1	100	0.00	0.0	7.678	0.050	0	0	0	4
PL.6449	PL.6448	C	4ACSR	14.89Y	124.1	0.00	1.92	0.34	0	5	1	98	0.00	0.0	7.693	0.015	0	0	0	1
PL.1858	PL.6449	C	4ACSR	14.89Y	124.1	0.00	1.92	0.34	0	5	1	98	0.00	0.0	7.738	0.045	0	0	0	1
020206	PL.1858	C	Consumer	14.89Y	124.1	0.00	1.92	0.34	0	5	1	98	0.00	0.0	7.738	0.000	5	1	1	1
PL.1861	PL.6449	C	4ACSR	14.89Y	124.1	0.00	1.92	0.00	0	0	0	100	0.00	0.0	7.693	0.000	0	0	0	0
449221	PL.6448	C	Consumer	14.89Y	124.1	0.00	1.92	0.25	0	4	0	100	0.00	0.0	7.678	0.000	4	0	1	1
449213	PL.6448	C	Consumer	14.89Y	124.1	0.00	1.92	0.11	0	2	0	100	0.00	0.0	7.678	0.000	2	0	1	1
449212	PL.6448	C	Consumer	14.89Y	124.1	0.00	1.92	0.21	0	3	0	100	0.00	0.0	7.678	0.000	3	0	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Table with columns: Element Name, Parent Name, Cnf, Type/Conductor, Pri kV, Base Volt, Element Drop, Accum Drop, Thru Amps, % Cap, Thru KW, KVAR, % PF, kW Loss, % Loss, mi From Src, Length (mi), Element KW, KVAR, Cons On, Cons Thru. Rows include elements like PL.26418, PD.392-A, PD.392-B, etc.

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
448246	PL.6460	C	Consumer	14.86Y	123.8	0.00	2.16	0.00	0	0	0	100	0.00	0.0	8.455	0.000	0	0	1	1
448244	PL.6460	C	Consumer	14.86Y	123.8	0.00	2.16	0.68	0	10	1	100	0.00	0.0	8.455	0.000	10	1	1	1
448243	PL.6459	C	Consumer	14.86Y	123.8	0.00	2.15	0.77	0	11	1	100	0.00	0.0	8.378	0.000	11	1	1	1
PL.24058	PL.6459	C	4ACSR	14.86Y	123.8	0.00	2.16	0.43	0	6	1	99	0.00	0.0	8.419	0.041	0	0	0	2
448256	PL.24058	C	Consumer	14.86Y	123.8	0.00	2.16	0.41	0	6	1	99	0.00	0.0	8.419	0.000	6	1	1	1
4482079	PL.24058	C	Consumer	14.86Y	123.8	0.00	2.16	0.01	0	0	0	100	0.00	0.0	8.419	0.000	0	0	1	1
PL.14637	PL.14638	C	4ACSR	14.86Y	123.8	0.02	2.17	6.06	3	90	10	99	0.01	0.0	8.372	0.138	0	0	0	14
438907	PL.14637	C	Consumer	14.86Y	123.8	0.00	2.17	0.20	0	3	0	100	0.00	0.0	8.372	0.000	3	0	1	1
PL.45840	PL.14637	C	4ACSR	14.86Y	123.8	0.01	2.18	5.87	3	87	10	99	0.01	0.0	8.468	0.096	0	0	0	13
PL.45842	PL.45840	C	4ACSR	14.86Y	123.8	0.00	2.18	0.91	0	13	1	100	0.00	0.0	8.498	0.030	0	0	0	3
PL.2508	PL.45842	C	4ACSR	14.86Y	123.8	0.00	2.18	0.91	0	13	1	100	0.00	0.0	8.584	0.086	0	0	0	3
PL.2684	PL.2508	C	4ACSR	14.86Y	123.8	0.00	2.18	0.49	0	7	1	99	0.00	0.0	8.634	0.050	0	0	0	1
438940	PL.2684	C	Consumer	14.86Y	123.8	0.00	2.18	0.49	0	7	1	99	0.00	0.0	8.634	0.000	7	1	1	1
PL.45838	PL.2508	C	4ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.664	0.080	0	0	0	1
438917	PL.45838	C	Consumer	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.664	0.000	0	0	1	1
PL.45839	PL.45838	C	4ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.752	0.089	0	0	0	0
438914	PL.45839	C	Consumer	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.752	0.000	0	0	0	0
438906	PL.2508	C	Consumer	14.86Y	123.8	0.00	2.18	0.42	0	6	1	99	0.00	0.0	8.584	0.000	6	1	1	1
PL.45971	PL.45842	C	2ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.671	0.174	0	0	0	0
PL.45972	PL.45971	C	2ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.741	0.070	0	0	0	0
PL.45973	PL.45972	C	2ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.780	0.039	0	0	0	0
PL.45975	PL.45973	C	2ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.835	0.055	0	0	0	0
PL.45976	PL.45975	C	2ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.861	0.026	0	0	0	0
PL.45979	PL.45976	C	2ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.886	0.025	0	0	0	0
4389047	PL.45979	C	Consumer	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.886	0.000	0	0	0	0
4389046	PL.45979	C	Consumer	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.886	0.000	0	0	0	0
PL.45980	PL.45979	C	2ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.913	0.027	0	0	0	0
PL.45977	PL.45980	C	2ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.940	0.026	0	0	0	0
PL.45978	PL.45977	C	2ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.980	0.040	0	0	0	0
PL.45846	PL.45972	C	2ACSR	14.86Y	123.8	0.00	2.18	0.00	0	0	0	100	0.00	0.0	8.848	0.107	0	0	0	0
PL.45841	PL.45840	C	4ACSR	14.86Y	123.8	0.00	2.18	4.95	3	73	8	99	0.00	0.0	8.470	0.002	0	0	0	10
PL.6453	PL.45841	C	4ACSR	14.86Y	123.8	0.01	2.19	4.95	3	73	8	99	0.01	0.0	8.596	0.125	0	0	0	10
448232	PL.6453	C	Consumer	14.86Y	123.8	0.00	2.19	0.02	0	0	0	100	0.00	0.0	8.596	0.000	0	0	1	1
PL.14634	PL.6453	C	4ACSR	14.86Y	123.8	0.01	2.20	4.93	3	73	8	99	0.01	0.0	8.689	0.094	0	0	0	9
PL.24069	PL.14634	C	4ACSR	14.86Y	123.8	0.00	2.20	0.72	0	11	1	100	0.00	0.0	8.777	0.087	0	0	0	1
448234	PL.24069	C	Consumer	14.86Y	123.8	0.00	2.20	0.72	0	11	1	100	0.00	0.0	8.777	0.000	11	1	1	1
PL.14633	PL.14634	C	4ACSR	14.86Y	123.8	0.00	2.21	4.21	2	62	7	99	0.00	0.0	8.741	0.052	0	0	0	8
448201	PL.14633	C	Consumer	14.86Y	123.8	0.00	2.21	0.00	0	0	0	100	0.00	0.0	8.741	0.000	0	0	1	1

Unbalanced Voltage Drop Report
Source: HOPE

Database: G:\3884\70024\WORK PRODUCTS\WINDMIL MODELS\WINTER\PROPOSED WINTER 06-10 CWP.WM\
Title:
Case:

Element Name	Parent Name	Cnf	Type/ Conductor	Pri kV	Base Volt	Element Drop	Units Displayed In Volts							mi From Src	-----Element----- Length (mi)	KW	KVAR	Cons On	Cons Thru	
							Accum Drop	Thru Amps	% Cap	Thru KW	% PF	kW Loss	% Loss							
448267	PL.14633	C	Consumer	14.86Y	123.8	0.00	2.21	0.48	0	7	1	99	0.00	0.0	8.741	0.000	7	1	1	1
PL.14632	PL.14633	C	4ACSR	14.85Y	123.8	0.01	2.22	3.74	2	55	6	99	0.00	0.0	8.883	0.142	0	0	0	6
PL.14631	PL.14632	C	4ACSR	14.85Y	123.8	0.01	2.22	3.44	2	51	6	99	0.00	0.0	8.985	0.102	0	0	0	5
PL.6454	PL.14631	C	4ACSR	14.85Y	123.8	0.00	2.23	0.79	0	12	1	100	0.00	0.0	9.093	0.108	0	0	0	1
PL.14630	PL.6454	C	4ACSR	14.85Y	123.8	0.00	2.23	0.79	0	12	1	100	0.00	0.0	9.118	0.024	0	0	0	1
PL.26713	PL.14630	C	4ACSR	14.85Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	9.146	0.028	0	0	0	0
PL.14628	PL.26713	C	4ACSR	14.85Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	9.221	0.075	0	0	0	0
448261	PL.14628	C	Consumer	14.85Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	9.221	0.000	0	0	0	0
PL.24048	PL.14630	C	4ACSR	14.85Y	123.8	0.00	2.23	0.79	0	12	1	100	0.00	0.0	9.231	0.113	0	0	0	1
448226	PL.24048	C	Consumer	14.85Y	123.8	0.00	2.23	0.79	0	12	1	100	0.00	0.0	9.231	0.000	12	1	1	1
PL.14629	PL.14630	C	4ACSR	14.85Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	9.162	0.044	0	0	0	0
PD.2660	PL.14629	C	50V4E	14.85Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	9.162	0.000	0	0	0	0
PL.30858	PD.2660	C	4ACSR	14.85Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	9.191	0.030	0	0	0	0
PD.393-B	PL.30858	C	Open	14.85Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	9.191	0.000	0	0	0	0
PL.2768	PL.14631	C	4ACSR	14.85Y	123.8	0.00	2.23	1.27	1	19	2	99	0.00	0.0	9.068	0.083	0	0	0	2
448230	PL.2768	C	Consumer	14.85Y	123.8	0.00	2.23	0.61	0	9	1	99	0.00	0.0	9.068	0.000	9	1	1	1
448233	PL.2768	C	Consumer	14.85Y	123.8	0.00	2.23	0.00	0	0	0	100	0.00	0.0	9.068	0.000	0	0	0	0
448240	PL.2768	C	Consumer	14.85Y	123.8	0.00	2.23	0.66	0	10	1	100	0.00	0.0	9.068	0.000	10	1	1	1
448202	PL.14631	C	Consumer	14.85Y	123.8	0.00	2.22	0.81	0	12	1	100	0.00	0.0	8.985	0.000	12	1	1	1
448205	PL.14631	C	Consumer	14.85Y	123.8	0.00	2.22	0.57	0	8	1	99	0.00	0.0	8.985	0.000	8	1	1	1
PL.24047	PL.14632	C	4ACSR	14.85Y	123.8	0.00	2.22	0.30	0	4	0	100	0.00	0.0	8.945	0.062	0	0	0	1
448223	PL.24047	C	Consumer	14.85Y	123.8	0.00	2.22	0.30	0	4	0	100	0.00	0.0	8.945	0.000	4	0	1	1
439947	PL.24285	C	Consumer	14.86Y	123.9	0.00	2.13	0.71	0	10	1	100	0.00	0.0	8.142	0.000	10	1	1	1
PL.2505	PL.24282	C	4ACSR	14.87Y	123.9	0.00	2.12	0.69	0	10	1	100	0.00	0.0	8.134	0.065	0	0	0	4
PL.2674	PL.2505	C	4ACSR	14.87Y	123.9	0.00	2.12	0.21	0	3	0	100	0.00	0.0	8.180	0.045	0	0	0	1
439943	PL.2674	C	Consumer	14.87Y	123.9	0.00	2.12	0.21	0	3	0	100	0.00	0.0	8.180	0.000	3	0	1	1
439928	PL.2505	C	Consumer	14.87Y	123.9	0.00	2.12	0.35	0	5	1	98	0.00	0.0	8.134	0.000	5	1	1	1
439918	PL.2505	C	Consumer	14.87Y	123.9	0.00	2.12	0.07	0	1	0	100	0.00	0.0	8.134	0.000	1	0	1	1
439916	PL.2505	C	Consumer	14.87Y	123.9	0.00	2.12	0.05	0	1	0	100	0.00	0.0	8.134	0.000	1	0	1	1
439938	PL.24750	C	Consumer	14.87Y	123.9	0.00	2.07	0.24	0	3	0	100	0.00	0.0	7.864	0.000	3	0	1	1
439910	PL.24750	C	Consumer	14.87Y	123.9	0.00	2.07	0.00	0	0	0	100	0.00	0.0	7.864	0.000	0	0	1	1
439907	PL.24750	C	Consumer	14.87Y	123.9	0.00	2.07	0.51	0	8	1	99	0.00	0.0	7.864	0.000	8	1	1	1
PL.19969	PL.97	C	4ACSR	14.87Y	123.9	0.00	2.05	13.30	7	197	22	99	0.01	0.0	7.827	0.016	0	0	0	44
PL.19970	PL.19969	C	4ACSR	14.87Y	123.9	0.00	2.06	12.76	7	189	21	99	0.01	0.0	7.841	0.014	0	0	0	42
439952	PL.19970	C	Consumer	14.87Y	123.9	0.00	2.06	0.09	0	1	1	71	0.00	0.0	7.841	0.000	1	1	1	1
439937	PL.19970	C	Consumer	14.87Y	123.9	0.00	2.06	0.08	0	1	1	71	0.00	0.0	7.841	0.000	1	1	1	1
PL.14645	PL.19970	C	4ACSR	14.87Y	123.9	0.00	2.06	11.42	6	169	18	99	0.00	0.0	7.856	0.015	0	0	0	37
PD.2652	PL.14645	C	25V4E	14.87Y	123.9	0.00	2.06	11.42	46	169	18	99	0.00	0.0	7.856	0.000	0	0	0	37